GOMOS Level 2 Daily Report

SUMMARY

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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 19:58:26
Data source version	GOMOS/6.01
Start time of products	05-11-2002 (05NOV2002 00:00:00)
Stop time of products	06-11-2002 (06NOV2002 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	218
Nb of prods with errors	1

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__2PRFIN20021105_000231_000002162011_00002_03563_1653.N1	05-NOV-2002 00:02:31	Straylight	216.00	47	2Bet CMa	1.9760	28000.	432	3563	No
2	GOM_NL__2PRFIN20021105_000717_000000492011_00002_03563_1654.N1	05-NOV-2002 00:07:17	Straylight	49.000	52	16Bet Cet	2.0370	4500.0	98	3563	No
3	GOM_NL__2PRFIN20021105_001318_000000642011_00002_03563_1655.N1	05-NOV-2002 00:13:18	Twi_and_stray	64.000	94	92Alp Cet	2.5260	3100.0	128	3563	No
4	GOM_NL__2PRFIN20021105_001652_000000432011_00002_03563_1656.N1	05-NOV-2002 00:16:52	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	3563	No
5	GOM_NL__2PRFIN20021105_001841_000000502011_00002_03563_1657.N1	05-NOV-2002 00:18:41	Bright	49.500	50	13Alp Ari	2.0070	4250.0	99	3563	No
6	GOM_NL__2PRFIN20021105_002043_000000432011_00002_03563_1658.N1	05-NOV-2002 00:20:43	Bright	43.000	58	21Alp And	2.0730	11000.	86	3563	No
7	GOM_NL__2PRFIN20021105_002410_000000472011_00002_03563_1659.N1	05-NOV-2002 00:24:10	Bright	46.500	73	57Gam1And	2.2600	13100.	93	3563	No
8	GOM_NL__2PRFIN20021105_002752_000000442011_00002_03563_1660.N1	05-NOV-2002 00:27:52	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	3563	No
9	GOM_NL__2PRFIN20021105_003013_000000922011_00002_03563_1661.N1	05-NOV-2002 00:30:13	Bright	92.000	114	3Iot Aur	2.6930	4600.0	184	3563	No
10	GOM_NL__2PRFIN20021105_003340_000000752011_00002_03563_1662.N1	05-NOV-2002 00:33:40	Bright	75.000	6	13Alp Aur	0.080000	3400.0	150	3563	No
11	GOM_NL__2PRFIN20021105_003706_000000432011_00002_03563_1663.N1	05-NOV-2002 00:37:06	Bright	42.500	49	1Alp UMi	1.9900	6300.0	85	3563	No
12	GOM_NL__2PRFIN20021105_004105_000000442011_00002_03563_1664.N1	05-NOV-2002 00:41:05	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	3563	No
13	GOM_NL__2PRFIN20021105_004508_000000492011_00002_03563_1665.N1	05-NOV-2002 00:45:08	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	3563	No
14	GOM_NL__2PRFIN20021105_004645_000000472011_00002_03563_1666.N1	05-NOV-2002 00:46:45	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	3563	No
15	GOM_NL__2PRFIN20021105_005031_000000492011_00002_03563_1667.N1	05-NOV-2002 00:50:31	Bright	49.000	174	52Psi UMa	3.0040	4400.0	98	3563	No
16	GOM_NL__2PRFIN20021105_005931_000000682011_00002_03563_1668.N1	05-NOV-2002 00:59:31	Bright	67.500	51	41Gam1Leo	2.0100	4500.0	135	3563	No
17	GOM_NL__2PRFIN20021105_010254_000000722011_00002_03563_1669.N1	05-NOV-2002 01:02:54	Twi_and_stray	72.000	22	32Alp Leo	1.3600	15200.	144	3563	No
18	GOM_NL__2PRFIN20021105_011301_000000952011_00002_03563_1670.N1	05-NOV-2002 01:13:01	Dark	94.500	48	30Alp Hya	1.9770	4100.0	189	3563	No
19	GOM_NL__2PRFIN20021105_011610_000000492011_00002_03563_1671.N1	05-NOV-2002 01:16:10	Dark	48.500	64	Gam Cen	2.2000	10600.	97	3563	No
20	GOM_NL__2PRFIN20021105_011828_000000572011_00002_03563_1672.N1	05-NOV-2002 01:18:28	Dark	57.000	26	Gam Cru	1.6240	2900.0	114	3563	No
21	GOM_NL__2PRFIN20021105_012008_000000462011_00002_03563_1673.N1	05-NOV-2002 01:20:08	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	3563	No
22	GOM_NL__2PRFIN20021105_012446_000000542011_00003_03564_1302.N1	05-NOV-2002 01:24:46	Dark	54.000	34	Gam2Vel	1.7930	23000.	108	3564	No
23	GOM_NL__2PRFIN20021105_013004_000000702011_00003_03564_1303.N1	05-NOV-2002 01:30:04	Dark	70.000	2	Alp Car	-0.73600	7000.0	140	3564	No
24	GOM_NL__2PRFIN20021105_013222_000001012011_00003_03564_1304.N1	05-NOV-2002 01:32:22	Dark	101.00	23	21Eps CMa	1.5020	26000.	202	3564	No
25	GOM_NL__2PRFIN20021105_013631_000000522011_00003_03564_1305.N1	05-NOV-2002 01:36:31	Dark	51.500	9	Alp Eri	0.45300	24000.	103	3564	No
26	GOM_NL__2PRFIN20021105_013957_000000482011_00003_03564_1306.N1	05-NOV-2002 01:39:57	Straylight	47.500	157	The1Eri	2.9060	9300.0	95	3564	No
27	GOM_NL__2PRFIN20021105_014308_000002162011_00003_03564_1307.N1	05-NOV-2002 01:43:08	Straylight	216.00	47	2Bet CMa	1.9760	28000.	432	3564	No
28	GOM_NL__2PRFIN20021105_014753_000000502011_00003_03564_1308.N1	05-NOV-2002 01:47:53	Straylight	49.500	52	16Bet Cet	2.0370	4500.0	99	3564	No
29	GOM_NL__2PRFIN20021105_015353_000000692011_00003_03564_1309.N1	05-NOV-2002 01:53:53	Twi_and_stray	68.500	94	92Alp Cet	2.5260	3100.0	137	3564	No
30	GOM_NL__2PRFIN20021105_015728_000000432011_00003_03564_1310.N1	05-NOV-2002 01:57:28	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	3564	No
31	GOM_NL__2PRFIN20021105_015917_000000482011_00003_03564_1311.N1	05-NOV-2002 01:59:17	Bright	48.000	50	13Alp Ari	2.0070	4250.0	96	3564	No
32	GOM_NL__2PRFIN20021105_020119_000000432011_00003_03564_1312.N1	05-NOV-2002 02:01:19	Bright	43.000	58	21Alp And	2.0730	11000.	86	3564	No
33	GOM_NL__2PRFIN20021105_020446_000000472011_00003_03564_1313.N1	05-NOV-2002 02:04:46	Bright	46.500	73	57Gam1And	2.2600	13100.	93	3564	No
34	GOM_NL__2PRFIN20021105_020828_000000442011_00003_03564_1314.N1	05-NOV-2002 02:08:28	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	3564	No
35	GOM_NL__2PRFIN20021105_021047_000000902011_00003_03564_1315.N1	05-NOV-2002 02:10:47	Bright	89.500	114	3Iot Aur	2.6930	4600.0	179	3564	No
36	GOM_NL__2PRFIN20021105_021414_000000762011_00003_03564_1316.N1	05-NOV-2002 02:14:14	Bright	76.000	6	13Alp Aur	0.080000	3400.0	152	3564	No
37	GOM_NL__2PRFIN20021105_021742_000000422011_00003_03564_1317.N1	05-NOV-2002 02:17:42	Bright	41.500	49	1Alp UMi	1.9900	6300.0	83	3564	No
38	GOM_NL__2PRFIN20021105_022141_000000462011_00003_03564_1318.N1	05-NOV-2002 02:21:41	Bright	45.500	60	7Bet UMi	2.0810	3950.0	91	3564	No
39	GOM_NL__2PRFIN20021105_022543_000000512011_00003_03564_1319.N1	05-NOV-2002 02:25:43	Bright	51.000	36	50Alp UMa	1.8000	6300.0	102	3564	No
40	GOM_NL__2PRFIN20021105_022721_000000472011_00003_03564_1320.N1	05-NOV-2002 02:27:21	Bright	46.500	82	48Bet UMa	2.3650	10600.	93	3564	No
41	GOM_NL__2PRFIN20021105_023105_000000502011_00003_03564_1321.N1	05-NOV-2002 02:31:05	Bright	49.500	174	52Psi UMa	3.0040	4400.0	99	3564	No
42	GOM_NL__2PRFIN20021105_024007_000000622011_00003_03564_1322.N1	05-NOV-2002 02:40:07	Bright	61.500	51	41Gam1Leo	2.0100	4500.0	123	3564	No

43	GOM_NL__2PRFIN20021105_024331_000000782011_00003_03564_1323.N1	05-NOV-2002 02:43:31	Twi_and_stray	78.000	22	32Alp Leo	1.3600	15200.	156	3564	No
44	GOM_NL__2PRFIN20021105_025339_000000882011_00003_03564_1324.N1	05-NOV-2002 02:53:39	Dark	88.000	48	30Alp Hya	1.9770	4100.0	176	3564	No
45	GOM_NL__2PRFIN20021105_025645_000000462011_00003_03564_1325.N1	05-NOV-2002 02:56:45	Dark	46.000	64	Gam Cen	2.2000	10600.	92	3564	No
46	GOM_NL__2PRFIN20021105_025903_000000582011_00003_03564_1326.N1	05-NOV-2002 02:59:03	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	3564	No
47	GOM_NL__2PRFIN20021105_030044_000000462011_00003_03564_1327.N1	05-NOV-2002 03:00:44	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	3564	No
48	GOM_NL__2PRFIN20021105_030521_000000582011_00004_03565_1302.N1	05-NOV-2002 03:05:21	Dark	57.500	34	Gam2Vel	1.7930	23000.	115	3565	No
49	GOM_NL__2PRFIN20021105_031040_000000652011_00004_03565_1303.N1	05-NOV-2002 03:10:40	Dark	64.500	2	Alp Car	-0.73600	7000.0	129	3565	No
50	GOM_NL__2PRFIN20021105_031259_000000992011_00004_03565_1304.N1	05-NOV-2002 03:12:59	Dark	98.500	23	21Eps CMa	1.5020	26000.	197	3565	No
51	GOM_NL__2PRFIN20021105_031707_000000462011_00004_03565_1305.N1	05-NOV-2002 03:17:07	Dark	46.000	9	Alp Eri	0.45300	24000.	92	3565	No
52	GOM_NL__2PRFIN20021105_032033_000000472011_00004_03565_1306.N1	05-NOV-2002 03:20:33	Straylight	47.000	157	The1Eri	2.9060	9300.0	94	3565	No
53	GOM_NL__2PRFIN20021105_032344_000002162011_00004_03565_1307.N1	05-NOV-2002 03:23:44	Straylight	216.00	47	2Bet CMa	1.9760	28000.	432	3565	No
54	GOM_NL__2PRFIN20021105_032829_000000512011_00004_03565_1308.N1	05-NOV-2002 03:28:29	Straylight	51.000	52	16Bet Cet	2.0370	4500.0	102	3565	No
55	GOM_NL__2PRFIN20021105_033428_000000652011_00004_03565_1309.N1	05-NOV-2002 03:34:28	Twi_and_stray	64.500	94	92Alp Cet	2.5260	3100.0	129	3565	No
56	GOM_NL__2PRFIN20021105_033804_000000442011_00004_03565_1310.N1	05-NOV-2002 03:38:04	Bright	44.000	140	88Gam Peg	2.8340	26000.	88	3565	No
57	GOM_NL__2PRFIN20021105_033951_000000512011_00004_03565_1311.N1	05-NOV-2002 03:39:51	Bright	50.500	50	13Alp Ari	2.0070	4250.0	101	3565	No
58	GOM_NL__2PRFIN20021105_034155_000000442011_00004_03565_1312.N1	05-NOV-2002 03:41:55	Bright	43.500	58	21Alp And	2.0730	11000.	87	3565	No
59	GOM_NL__2PRFIN20021105_034520_000000492011_00004_03565_1313.N1	05-NOV-2002 03:45:20	Bright	49.000	73	57Gam1And	2.2600	13100.	98	3565	No
60	GOM_NL__2PRFIN20021105_034903_000000442011_00004_03565_1314.N1	05-NOV-2002 03:49:03	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	3565	No
61	GOM_NL__2PRFIN20021105_035121_000000932011_00004_03565_1315.N1	05-NOV-2002 03:51:21	Bright	93.000	114	3Iot Aur	2.6930	4600.0	186	3565	No
62	GOM_NL__2PRFIN20021105_035448_000000842011_00004_03565_1316.N1	05-NOV-2002 03:54:48	Bright	83.500	6	13Alp Aur	0.080000	3400.0	167	3565	No
63	GOM_NL__2PRFIN20021105_035817_000000422011_00004_03565_1317.N1	05-NOV-2002 03:58:17	Bright	42.000	49	1Alp UMi	1.9900	6300.0	84	3565	No
64	GOM_NL__2PRFIN20021105_040217_000000452011_00004_03565_1318.N1	05-NOV-2002 04:02:17	Bright	44.500	60	7Bet UMi	2.0810	3950.0	89	3565	No
65	GOM_NL__2PRFIN20021105_040618_000000502011_00004_03565_1319.N1	05-NOV-2002 04:06:18	Bright	49.500	36	50Alp UMa	1.8000	6300.0	99	3565	No
66	GOM_NL__2PRFIN20021105_040756_000000482011_00004_03565_1320.N1	05-NOV-2002 04:07:56	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	3565	No
67	GOM_NL__2PRFIN20021105_041142_000000472011_00004_03565_1321.N1	05-NOV-2002 04:11:42	Bright	46.500	174	52Psi UMa	3.0040	4400.0	93	3565	No
68	GOM_NL__2PRFIN20021105_042005_000000752011_00004_03565_1322.N1	05-NOV-2002 04:20:05	Bright	74.500	166	17Eps Leo	2.9800	6000.0	149	3565	No
69	GOM_NL__2PRFIN20021105_042407_000000722011_00004_03565_1323.N1	05-NOV-2002 04:24:07	Twi_and_stray	71.500	22	32Alp Leo	1.3600	15200.	143	3565	No
70	GOM_NL__2PRFIN20021105_043416_000001042011_00004_03565_1324.N1	05-NOV-2002 04:34:16	Dark	104.00	48	30Alp Hya	1.9770	4100.0	208	3565	No
71	GOM_NL__2PRFIN20021105_043722_000000442011_00004_03565_1325.N1	05-NOV-2002 04:37:22	Dark	44.000	64	Gam Cen	2.2000	10600.	88	3565	No
72	GOM_NL__2PRFIN20021105_043940_000000582011_00004_03565_1326.N1	05-NOV-2002 04:39:40	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	3565	No
73	GOM_NL__2PRFIN20021105_044120_000000492011_00004_03565_1327.N1	05-NOV-2002 04:41:20	Dark	49.000	12	Alp1Cru	0.77500	30000.	98	3565	No
74	GOM_NL__2PRFIN20021105_044558_000000592011_00005_03566_1303.N1	05-NOV-2002 04:45:58	Dark	58.500	34	Gam2Vel	1.7930	23000.	117	3566	No
75	GOM_NL__2PRFIN20021105_045116_000000652011_00005_03566_1304.N1	05-NOV-2002 04:51:16	Dark	64.500	2	Alp Car	-0.73600	7000.0	129	3566	No
76	GOM_NL__2PRFIN20021105_045337_000000962011_00005_03566_1305.N1	05-NOV-2002 04:53:37	Dark	96.000	23	21Eps CMa	1.5020	26000.	192	3566	No
77	GOM_NL__2PRFIN20021105_045743_000000522011_00005_03566_1306.N1	05-NOV-2002 04:57:43	Dark	52.000	9	Alp Eri	0.45300	24000.	104	3566	No
78	GOM_NL__2PRFIN20021105_050109_000000512011_00005_03566_1307.N1	05-NOV-2002 05:01:09	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	3566	No
79	GOM_NL__2PRFIN20021105_050421_000002162011_00005_03566_1308.N1	05-NOV-2002 05:04:21	Straylight	216.00	47	2Bet CMa	1.9760	28000.	432	3566	No
80	GOM_NL__2PRFIN20021105_050905_000000502011_00005_03566_1309.N1	05-NOV-2002 05:09:05	Straylight	50.000	52	16Bet Cet	2.0370	4500.0	100	3566	No
81	GOM_NL__2PRFIN20021105_051504_000000642011_00005_03566_1310.N1	05-NOV-2002 05:15:04	Twi_and_stray	64.000	94	92Alp Cet	2.5260	3100.0	128	3566	No
82	GOM_NL__2PRFIN20021105_051840_000000452011_00005_03566_1311.N1	05-NOV-2002 05:18:40	Bright	44.500	140	88Gam Peg	2.8340	26000.	89	3566	No
83	GOM_NL__2PRFIN20021105_052027_000000512011_00005_03566_1312.N1	05-NOV-2002 05:20:27	Bright	50.500	50	13Alp Ari	2.0070	4250.0	101	3566	No
84	GOM_NL__2PRFIN20021105_052231_000000452011_00005_03566_1313.N1	05-NOV-2002 05:22:31	Bright	44.500	58	21Alp And	2.0730	11000.	89	3566	No
85	GOM_NL__2PRFIN20021105_052556_000000482011_00005_03566_1314.N1	05-NOV-2002 05:25:56	Bright	47.500	73	57Gam1And	2.2600	13100.	95	3566	No
86	GOM_NL__2PRFIN20021105_052939_000000442011_00005_03566_1315.N1	05-NOV-2002 05:29:39	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	3566	No
87	GOM_NL__2PRFIN20021105_053155_000000922011_00005_03566_1316.N1	05-NOV-2002 05:31:55	Bright	92.000	114	3Iot Aur	2.6930	4600.0	184	3566	No
88	GOM_NL__2PRFIN20021105_053523_000000762011_00005_03566_1317.N1	05-NOV-2002 05:35:23	Bright	75.500	6	13Alp Aur	0.080000	3400.0	151	3566	No
89	GOM_NL__2PRFIN20021105_053852_000000452011_00005_03566_1318.N1	05-NOV-2002 05:38:52	Bright	44.500	49	1Alp UMi	1.9900	6300.0	89	3566	No
90	GOM_NL__2PRFIN20021105_054253_000000442011_00005_03566_1319.N1	05-NOV-2002 05:42:53	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	3566	No
91	GOM_NL__2PRFIN20021105_054654_000000482011_00005_03566_1320.N1	05-NOV-2002 05:46:54	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	3566	No
92	GOM_NL__2PRFIN20021105_054833_000000492011_00005_03566_1321.N1	05-NOV-2002 05:48:33	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	3566	No
93	GOM_NL__2PRFIN20021105_055218_000000482011_00005_03566_1322.N1	05-NOV-2002 05:52:18	Bright	48.000	174	52Psi UMa	3.0040	4400.0	96	3566	No
94	GOM_NL__2PRFIN20021105_060042_000000762011_00005_03566_1323.N1	05-NOV-2002 06:00:42	Bright	75.500	166	17Eps Leo	2.9800	6000.0	151	3566	No
95	GOM_NL__2PRFIN20021105_060444_000000742011_00005_03566_1324.N1	05-NOV-2002 06:04:44	Twi_and_stray	73.500	22	32Alp Leo	1.3600	15200.	147	3566	No
96	GOM_NL__2PRFIN20021105_061454_000000972011_00005_03566_1325.N1	05-NOV-2002 06:14:54	Dark	96.500	48	30Alp Hya	1.9770	4100.0	193	3566	No
97	GOM_NL__2PRFIN20021105_061758_000000472011_00005_03566_1326.N1	05-NOV-2002 06:17:58	Dark	46.500	64	Gam Cen	2.2000	10600.	93	3566	No
98	GOM_NL__2PRFIN20021105_062015_000000502011_00005_03566_1327.N1	05-NOV-2002 06:20:15	Dark	49.500	26	Gam Cru	1.6240	2900.0	99	3566	No
99	GOM_NL__2PRFIN20021105_062156_000000512011_00005_03566_1328.N1	05-NOV-2002 06:21:56	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	3566	No
100	GOM_NL__2PRFIN20021105_062635_000000592011_00006_03567_1303.N1	05-NOV-2002 06:26:35	Dark	58.500	34	Gam2Vel	1.7930	23000.	117	3567	No
101	GOM_NL__2PRFIN20021105_063153_000000592011_00006_03567_1304.N1	05-NOV-2002 06:31:53	Dark	59.000	2	Alp Car	-0.73600	7000.0	118	3567	No

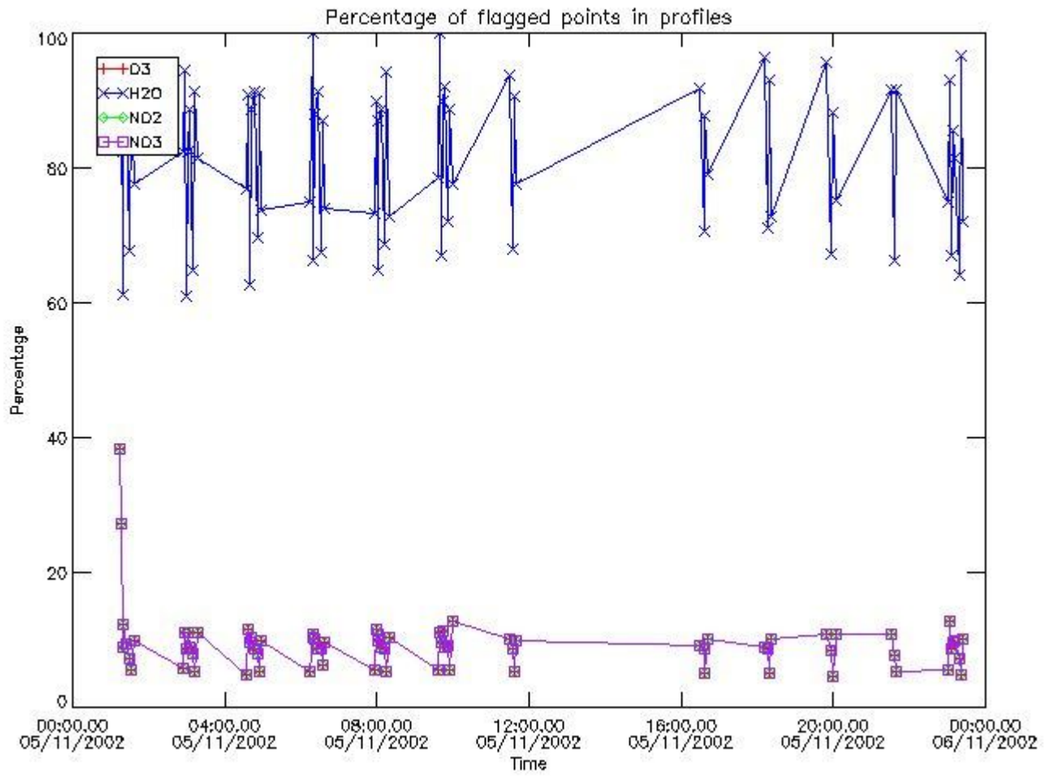
102	GOM_NL__2PRFIN20021105_063414_000001002011_00006_03567_1305.N1	05-NOV-2002 06:34:14	Dark	99.500	23	21Eps CMa	1.5020	26000.	199	3567	No
103	GOM_NL__2PRFIN20021105_063819_000000532011_00006_03567_1306.N1	05-NOV-2002 06:38:19	Dark	52.500	9	Alp Eri	0.45300	24000.	105	3567	No
104	GOM_NL__2PRFIN20021105_064145_000000492011_00006_03567_1307.N1	05-NOV-2002 06:41:45	Straylight	49.000	157	The1Eri	2.9060	9300.0	98	3567	No
105	GOM_NL__2PRFIN20021105_064458_000002162011_00006_03567_1308.N1	05-NOV-2002 06:44:58	Straylight	216.00	47	2Bet CMa	1.9760	28000.	432	3567	No
106	GOM_NL__2PRFIN20021105_064941_000000492011_00006_03567_1309.N1	05-NOV-2002 06:49:41	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	3567	No
107	GOM_NL__2PRFIN20021105_065540_000000622011_00006_03567_1310.N1	05-NOV-2002 06:55:40	Twi_and_stray	62.000	94	92Alp Cet	2.5260	3100.0	124	3567	No
108	GOM_NL__2PRFIN20021105_065917_000000442011_00006_03567_1311.N1	05-NOV-2002 06:59:17	Bright	44.000	140	88Gam Peg	2.8340	26000.	88	3567	No
109	GOM_NL__2PRFIN20021105_070103_000000512011_00006_03567_1312.N1	05-NOV-2002 07:01:03	Bright	51.000	50	13Alp Ari	2.0070	4250.0	102	3567	No
110	GOM_NL__2PRFIN20021105_070308_000000432011_00006_03567_1313.N1	05-NOV-2002 07:03:08	Bright	43.000	58	21Alp And	2.0730	11000.	86	3567	No
111	GOM_NL__2PRFIN20021105_070632_000000472011_00006_03567_1314.N1	05-NOV-2002 07:06:32	Bright	46.500	73	57Gam1And	2.2600	13100.	93	3567	No
112	GOM_NL__2PRFIN20021105_071016_000000432011_00006_03567_1315.N1	05-NOV-2002 07:10:16	Bright	42.500	68	18Alp Cas	2.2250	4500.0	85	3567	No
113	GOM_NL__2PRFIN20021105_071229_000000932011_00006_03567_1316.N1	05-NOV-2002 07:12:29	Bright	92.500	114	3Iot Aur	2.6930	4600.0	185	3567	No
114	GOM_NL__2PRFIN20021105_071558_000000742011_00006_03567_1317.N1	05-NOV-2002 07:15:58	Bright	73.500	6	13Alp Aur	0.080000	3400.0	147	3567	No
115	GOM_NL__2PRFIN20021105_071928_000000442011_00006_03567_1318.N1	05-NOV-2002 07:19:28	Bright	43.500	49	1Alp UMi	1.9900	6300.0	87	3567	No
116	GOM_NL__2PRFIN20021105_072329_000000452011_00006_03567_1319.N1	05-NOV-2002 07:23:29	Bright	44.500	60	7Bet UMi	2.0810	3950.0	89	3567	No
117	GOM_NL__2PRFIN20021105_072731_000000492011_00006_03567_1320.N1	05-NOV-2002 07:27:31	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	3567	No
118	GOM_NL__2PRFIN20021105_072907_000000502011_00006_03567_1321.N1	05-NOV-2002 07:29:07	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	3567	No
119	GOM_NL__2PRFIN20021105_073254_000000482011_00006_03567_1322.N1	05-NOV-2002 07:32:54	Bright	47.500	174	52Psi UMa	3.0040	4400.0	95	3567	No
120	GOM_NL__2PRFIN20021105_074118_000000742011_00006_03567_1323.N1	05-NOV-2002 07:41:18	Bright	74.000	166	17Eps Leo	2.9800	6000.0	148	3567	No
121	GOM_NL__2PRFIN20021105_074521_000000772011_00006_03567_1324.N1	05-NOV-2002 07:45:21	Twi_and_stray	76.500	22	32Alp Leo	1.3600	15200.	153	3567	No
122	GOM_NL__2PRFIN20021105_075531_000000912011_00006_03567_1325.N1	05-NOV-2002 07:55:31	Dark	90.500	48	30Alp Hya	1.9770	4100.0	181	3567	No
123	GOM_NL__2PRFIN20021105_075833_000000452011_00006_03567_1326.N1	05-NOV-2002 07:58:33	Dark	44.500	64	Gam Cen	2.2000	10600.	89	3567	No
124	GOM_NL__2PRFIN20021105_080051_000000522011_00006_03567_1327.N1	05-NOV-2002 08:00:51	Dark	51.500	26	Gam Cru	1.6240	2900.0	103	3567	No
125	GOM_NL__2PRFIN20021105_080231_000000472011_00006_03567_1328.N1	05-NOV-2002 08:02:31	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	3567	No
126	GOM_NL__2PRFIN20021105_080712_000000582011_00007_03568_1303.N1	05-NOV-2002 08:07:12	Dark	57.500	34	Gam2Vel	1.7930	23000.	115	3568	No
127	GOM_NL__2PRFIN20021105_081230_000000582011_00007_03568_1304.N1	05-NOV-2002 08:12:30	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	3568	No
128	GOM_NL__2PRFIN20021105_081452_000000952011_00007_03568_1305.N1	05-NOV-2002 08:14:52	Dark	94.500	23	21Eps CMa	1.5020	26000.	189	3568	No
129	GOM_NL__2PRFIN20021105_081855_000000542011_00007_03568_1306.N1	05-NOV-2002 08:18:55	Dark	53.500	9	Alp Eri	0.45300	24000.	107	3568	No
130	GOM_NL__2PRFIN20021105_082221_000000512011_00007_03568_1307.N1	05-NOV-2002 08:22:21	Straylight	50.500	157	The1Eri	2.9060	9300.0	101	3568	No
131	GOM_NL__2PRFIN20021105_082535_000002162011_00007_03568_1308.N1	05-NOV-2002 08:25:35	Straylight	216.00	47	2Bet CMa	1.9760	28000.	432	3568	No
132	GOM_NL__2PRFIN20021105_083017_000000492011_00007_03568_1309.N1	05-NOV-2002 08:30:17	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	3568	No
133	GOM_NL__2PRFIN20021105_083616_000000612011_00007_03568_1310.N1	05-NOV-2002 08:36:16	Twi_and_stray	61.000	94	92Alp Cet	2.5260	3100.0	122	3568	No
134	GOM_NL__2PRFIN20021105_083953_000000442011_00007_03568_1311.N1	05-NOV-2002 08:39:53	Bright	43.500	140	88Gam Peg	2.8340	26000.	87	3568	No
135	GOM_NL__2PRFIN20021105_084139_000000492011_00007_03568_1312.N1	05-NOV-2002 08:41:39	Bright	49.000	50	13Alp Ari	2.0070	4250.0	98	3568	No
136	GOM_NL__2PRFIN20021105_084344_000000442011_00007_03568_1313.N1	05-NOV-2002 08:43:44	Bright	44.000	58	21Alp And	2.0730	11000.	88	3568	No
137	GOM_NL__2PRFIN20021105_084708_000000482011_00007_03568_1314.N1	05-NOV-2002 08:47:08	Bright	47.500	73	57Gam1And	2.2600	13100.	95	3568	No
138	GOM_NL__2PRFIN20021105_085051_000000442011_00007_03568_1315.N1	05-NOV-2002 08:50:51	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	3568	No
139	GOM_NL__2PRFIN20021105_085303_000000942011_00007_03568_1316.N1	05-NOV-2002 08:53:03	Bright	93.500	114	3Iot Aur	2.6930	4600.0	187	3568	No
140	GOM_NL__2PRFIN20021105_085633_000000872011_00007_03568_1317.N1	05-NOV-2002 08:56:33	Bright	86.500	6	13Alp Aur	0.080000	3400.0	173	3568	No
141	GOM_NL__2PRFIN20021105_090005_000000432011_00007_03568_1318.N1	05-NOV-2002 09:00:05	Bright	42.500	49	1Alp UMi	1.9900	6300.0	85	3568	No
142	GOM_NL__2PRFIN20021105_090405_000000442011_00007_03568_1319.N1	05-NOV-2002 09:04:05	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	3568	No
143	GOM_NL__2PRFIN20021105_090807_000000472011_00007_03568_1320.N1	05-NOV-2002 09:08:07	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	3568	No
144	GOM_NL__2PRFIN20021105_090944_000000492011_00007_03568_1321.N1	05-NOV-2002 09:09:44	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	3568	No
145	GOM_NL__2PRFIN20021105_091330_000000472011_00007_03568_1322.N1	05-NOV-2002 09:13:30	Bright	47.000	174	52Psi UMa	3.0040	4400.0	94	3568	No
146	GOM_NL__2PRFIN20021105_092155_000000762011_00007_03568_1323.N1	05-NOV-2002 09:21:55	Bright	76.000	166	17Eps Leo	2.9800	6000.0	152	3568	No
147	GOM_NL__2PRFIN20021105_092557_000000752011_00007_03568_1324.N1	05-NOV-2002 09:25:57	Twi_and_stray	74.500	22	32Alp Leo	1.3600	15200.	149	3568	No
148	GOM_NL__2PRFIN20021105_093609_000000922011_00007_03568_1325.N1	05-NOV-2002 09:36:09	Dark	91.500	48	30Alp Hya	1.9770	4100.0	183	3568	No
149	GOM_NL__2PRFIN20021105_093909_000000462011_00007_03568_1326.N1	05-NOV-2002 09:39:09	Dark	46.000	64	Gam Cen	2.2000	10600.	92	3568	No
150	GOM_NL__2PRFIN20021105_094128_000000582011_00007_03568_1327.N1	05-NOV-2002 09:41:28	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	3568	No
151	GOM_NL__2PRFIN20021105_094308_000000452011_00007_03568_1328.N1	05-NOV-2002 09:43:08	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	3568	No
152	GOM_NL__2PRFIN20021105_094750_000000572011_00008_03569_9454.N1	05-NOV-2002 09:47:50	Dark	57.000	34	Gam2Vel	1.7930	23000.	114	3569	No
153	GOM_NL__2PRFIN20021105_095307_000000562011_00008_03569_9455.N1	05-NOV-2002 09:53:07	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	3569	No
154	GOM_NL__2PRFIN20021105_095530_000001032011_00008_03569_9456.N1	05-NOV-2002 09:55:30	Dark	103.00	23	21Eps CMa	1.5020	26000.	206	3569	No
155	GOM_NL__2PRFIN20021105_095931_000000482011_00008_03569_9457.N1	05-NOV-2002 09:59:31	Dark	47.500	9	Alp Eri	0.45300	24000.	95	3569	No
156	GOM_NL__2PRFIN20021105_100258_000000482011_00008_03569_9458.N1	05-NOV-2002 10:02:58	Straylight	48.000	157	The1Eri	2.9060	9300.0	96	3569	No
157	GOM_NL__2PRFIN20021105_100612_000002162011_00008_03569_9459.N1	05-NOV-2002 10:06:12	Straylight	216.00	47	2Bet CMa	1.9760	28000.	432	3569	No
158	GOM_NL__2PRFIN20021105_101053_000000502011_00008_03569_9460.N1	05-NOV-2002 10:10:53	Straylight	49.500	52	16Bet Cet	2.0370	4500.0	99	3569	No
159	GOM_NL__2PRFIN20021105_112827_000000562011_00009_03570_9454.N1	05-NOV-2002 11:28:27	Dark	55.500	34	Gam2Vel	1.7930	23000.	111	3570	No
160	GOM_NL__2PRFIN20021105_113344_000000582011_00009_03570_9455.N1	05-NOV-2002 11:33:44	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	3570	No

161	GOM_NL__2PRFIN20021105_113607_000000972011_00009_03570_9456.N1	05-NOV-2002 11:36:07	Dark	96.500	23	21Eps CMa	1.5020	26000.	193	3570	No
162	GOM_NL__2PRFIN20021105_114007_000000522011_00009_03570_9457.N1	05-NOV-2002 11:40:07	Dark	52.000	9	Alp Eri	0.45300	24000.	104	3570	No
163	GOM_NL__2PRFIN20021105_114334_000000492011_00009_03570_9458.N1	05-NOV-2002 11:43:34	Straylight	48.500	157	The1Eri	2.9060	9300.0	97	3570	No
164	GOM_NL__2PRFIN20021105_114649_000002152011_00009_03570_9459.N1	05-NOV-2002 11:46:49	Straylight	215.00	47	2Bet CMa	1.9760	28000.	430	3570	No
165	GOM_NL__2PRFIN20021105_115130_000000512011_00009_03570_9460.N1	05-NOV-2002 11:51:30	Straylight	50.500	52	16Bet Cet	2.0370	4500.0	101	3570	No
166	GOM_NL__2PRFIN20021105_163017_000000562011_00012_03573_9474.N1	05-NOV-2002 16:30:17	Dark	56.000	34	Gam2Vel	1.7930	23000.	112	3573	No
167	GOM_NL__2PRFIN20021105_163533_000000592011_00012_03573_9475.N1	05-NOV-2002 16:35:33	Dark	58.500	2	Alp Car	-0.73600	7000.0	117	3573	No
168	GOM_NL__2PRFIN20021105_163800_000001032011_00012_03573_9476.N1	05-NOV-2002 16:38:00	Dark	102.50	23	21Eps CMa	1.5020	26000.	205	3573	No
169	GOM_NL__2PRFIN20021105_164156_000000512011_00012_03573_9477.N1	05-NOV-2002 16:41:56	Dark	50.500	9	Alp Eri	0.45300	24000.	101	3573	No
170	GOM_NL__2PRFIN20021105_164522_000000482011_00012_03573_9478.N1	05-NOV-2002 16:45:22	Straylight	48.000	157	The1Eri	2.9060	9300.0	96	3573	No
171	GOM_NL__2PRFIN20021105_181053_000000572011_00013_03574_9474.N1	05-NOV-2002 18:10:53	Dark	57.000	34	Gam2Vel	1.7930	23000.	114	3574	No
172	GOM_NL__2PRFIN20021105_181610_000000592011_00013_03574_9475.N1	05-NOV-2002 18:16:10	Dark	59.000	2	Alp Car	-0.73600	7000.0	118	3574	No
173	GOM_NL__2PRFIN20021105_181837_000000992011_00013_03574_9476.N1	05-NOV-2002 18:18:37	Dark	99.000	23	21Eps CMa	1.5020	26000.	198	3574	No
174	GOM_NL__2PRFIN20021105_182232_000000502011_00013_03574_9477.N1	05-NOV-2002 18:22:32	Dark	50.000	9	Alp Eri	0.45300	24000.	100	3574	No
175	GOM_NL__2PRFIN20021105_182559_000000492011_00013_03574_9478.N1	05-NOV-2002 18:25:59	Straylight	48.500	157	The1Eri	2.9060	9300.0	97	3574	No
176	GOM_NL__2PRFIN20021105_194932_000000482011_00014_03575_9474.N1	05-NOV-2002 19:49:32	Dark	47.500	71	Iot Car	2.2460	7700.0	95	3575	No
177	GOM_NL__2PRFIN20021105_195646_000000602011_00014_03575_9475.N1	05-NOV-2002 19:56:46	Dark	60.000	2	Alp Car	-0.73600	7000.0	120	3575	No
178	GOM_NL__2PRFIN20021105_195915_000001112011_00014_03575_9476.N1	05-NOV-2002 19:59:15	Dark	111.00	23	21Eps CMa	1.5020	26000.	222	3575	No
179	GOM_NL__2PRFIN20021105_200307_000000472011_00014_03575_9477.N1	05-NOV-2002 20:03:07	Dark	47.000	9	Alp Eri	0.45300	24000.	94	3575	No
180	GOM_NL__2PRFIN20021105_200635_000000502011_00014_03575_9478.N1	05-NOV-2002 20:06:35	Straylight	49.500	157	The1Eri	2.9060	9300.0	99	3575	No
181	GOM_NL__2PRFIN20021105_213008_000000482011_00015_03576_9474.N1	05-NOV-2002 21:30:08	Dark	47.500	71	Iot Car	2.2460	7700.0	95	3576	No
182	GOM_NL__2PRFIN20021105_213722_000000662011_00015_03576_9475.N1	05-NOV-2002 21:37:22	Dark	65.500	2	Alp Car	-0.73600	7000.0	131	3576	No
183	GOM_NL__2PRFIN20021105_213953_000000962011_00015_03576_9476.N1	05-NOV-2002 21:39:53	Dark	96.000	23	21Eps CMa	1.5020	26000.	192	3576	No
184	GOM_NL__2PRFIN20021105_214711_000000492011_00015_03576_1320.N1	05-NOV-2002 21:47:11	Dark	49.000	157	The1Eri	2.9060	9300.0	98	3576	Yes
185	GOM_NL__2PRFIN20021105_215029_000002152011_00015_03576_1321.N1	05-NOV-2002 21:50:29	Straylight	215.00	47	2Bet CMa	1.9760	28000.	430	3576	No
186	GOM_NL__2PRFIN20021105_215500_000000732011_00015_03576_1322.N1	05-NOV-2002 21:55:00	Straylight	73.000	165	34Gam Eri	2.9500	3200.0	146	3576	No
187	GOM_NL__2PRFIN20021105_215903_000001722011_00015_03576_1323.N1	05-NOV-2002 21:59:03	Bright	171.50	7	19Bet Ori	0.10000	14000.	343	3576	No
188	GOM_NL__2PRFIN20021105_220534_000000472011_00015_03576_1324.N1	05-NOV-2002 22:05:34	Bright	47.000	105	6Bet Ari	2.6450	8900.0	94	3576	No
189	GOM_NL__2PRFIN20021105_220833_000000452011_00015_03576_1325.N1	05-NOV-2002 22:08:33	Bright	44.500	58	21Alp And	2.0730	11000.	89	3576	No
190	GOM_NL__2PRFIN20021105_221153_000000472011_00015_03576_1326.N1	05-NOV-2002 22:11:53	Bright	46.500	73	57Gam1And	2.2600	13100.	93	3576	No
191	GOM_NL__2PRFIN20021105_221539_000000452011_00015_03576_1327.N1	05-NOV-2002 22:15:39	Bright	45.000	68	18Alp Cas	2.2250	4500.0	90	3576	No
192	GOM_NL__2PRFIN20021105_221735_000000902011_00015_03576_1328.N1	05-NOV-2002 22:17:35	Bright	90.000	114	3Iot Aur	2.6930	4600.0	180	3576	No
193	GOM_NL__2PRFIN20021105_222109_000000752011_00015_03576_1329.N1	05-NOV-2002 22:21:09	Bright	75.000	6	13Alp Aur	0.080000	3400.0	150	3576	No
194	GOM_NL__2PRFIN20021105_222452_000000432011_00015_03576_1330.N1	05-NOV-2002 22:24:52	Bright	42.500	49	1Alp UMi	1.9900	6300.0	85	3576	No
195	GOM_NL__2PRFIN20021105_222853_000000442011_00015_03576_1331.N1	05-NOV-2002 22:28:53	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	3576	No
196	GOM_NL__2PRFIN20021105_223253_000000502011_00015_03576_1332.N1	05-NOV-2002 22:32:53	Bright	49.500	36	50Alp UMa	1.8000	6300.0	99	3576	No
197	GOM_NL__2PRFIN20021105_223429_000000492011_00015_03576_1333.N1	05-NOV-2002 22:34:29	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	3576	No
198	GOM_NL__2PRFIN20021105_223607_000000432011_00015_03576_1334.N1	05-NOV-2002 22:36:07	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	3576	No
199	GOM_NL__2PRFIN20021105_223817_000000512011_00015_03576_1335.N1	05-NOV-2002 22:38:17	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	3576	No
200	GOM_NL__2PRFIN20021105_224646_000000762011_00015_03576_1336.N1	05-NOV-2002 22:46:46	Bright	76.000	166	17Eps Leo	2.9800	6000.0	152	3576	No
201	GOM_NL__2PRFIN20021105_225051_000000782011_00015_03576_1337.N1	05-NOV-2002 22:50:51	Twi_and_stray	78.000	22	32Alp Leo	1.3600	15200.	156	3576	No
202	GOM_NL__2PRFIN20021105_230109_000000912011_00015_03576_1338.N1	05-NOV-2002 23:01:09	Dark	90.500	48	30Alp Hya	1.9770	4100.0	181	3576	No
203	GOM_NL__2PRFIN20021105_230358_000000442011_00015_03576_1339.N1	05-NOV-2002 23:03:58	Dark	44.000	64	Gam Cen	2.2000	10600.	88	3576	No
204	GOM_NL__2PRFIN20021105_230615_000000582011_00015_03576_1340.N1	05-NOV-2002 23:06:15	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	3576	No
205	GOM_NL__2PRFIN20021105_230756_000000532011_00015_03576_1341.N1	05-NOV-2002 23:07:56	Dark	52.500	12	Alp1Cru	0.77500	30000.	105	3576	No
206	GOM_NL__2PRFIN20021105_231045_000000522011_00016_03577_1317.N1	05-NOV-2002 23:10:45	Dark	51.500	71	Iot Car	2.2460	7700.0	103	3577	No
207	GOM_NL__2PRFIN20021105_231759_000000702011_00016_03577_1318.N1	05-NOV-2002 23:17:59	Dark	70.000	2	Alp Car	-0.73600	7000.0	140	3577	No
208	GOM_NL__2PRFIN20021105_232030_000001052011_00016_03577_1319.N1	05-NOV-2002 23:20:30	Dark	104.50	23	21Eps CMa	1.5020	26000.	209	3577	No
209	GOM_NL__2PRFIN20021105_232420_000000512011_00016_03577_1320.N1	05-NOV-2002 23:24:20	Dark	50.500	9	Alp Eri	0.45300	24000.	101	3577	No
210	GOM_NL__2PRFIN20021105_232747_000000482011_00016_03577_1321.N1	05-NOV-2002 23:27:47	Straylight	48.000	157	The1Eri	2.9060	9300.0	96	3577	No
211	GOM_NL__2PRFIN20021105_233106_000002152011_00016_03577_1322.N1	05-NOV-2002 23:31:06	Straylight	215.00	47	2Bet CMa	1.9760	28000.	430	3577	No
212	GOM_NL__2PRFIN20021105_233536_000000792011_00016_03577_1323.N1	05-NOV-2002 23:35:36	Straylight	78.500	165	34Gam Eri	2.9500	3200.0	157	3577	No
213	GOM_NL__2PRFIN20021105_233938_000001602011_00016_03577_1324.N1	05-NOV-2002 23:39:38	Bright	160.00	7	19Bet Ori	0.10000	14000.	320	3577	No
214	GOM_NL__2PRFIN20021105_234610_000000462011_00016_03577_1325.N1	05-NOV-2002 23:46:10	Bright	46.000	105	6Bet Ari	2.6450	8900.0	92	3577	No
215	GOM_NL__2PRFIN20021105_234909_000000452011_00016_03577_1326.N1	05-NOV-2002 23:49:09	Bright	45.000	58	21Alp And	2.0730	11000.	90	3577	No
216	GOM_NL__2PRFIN20021105_235229_000000482011_00016_03577_1327.N1	05-NOV-2002 23:52:29	Bright	47.500	73	57Gam1And	2.2600	13100.	95	3577	No
217	GOM_NL__2PRFIN20021105_235615_000000442011_00016_03577_1328.N1	05-NOV-2002 23:56:15	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	3577	No
218	GOM_NL__2PRFIN20021105_235809_000000842011_00016_03577_1329.N1	05-NOV-2002 23:58:09	Bright	84.000	114	3Iot Aur	2.6930	4600.0	168	3577	No

3. Quality information per product

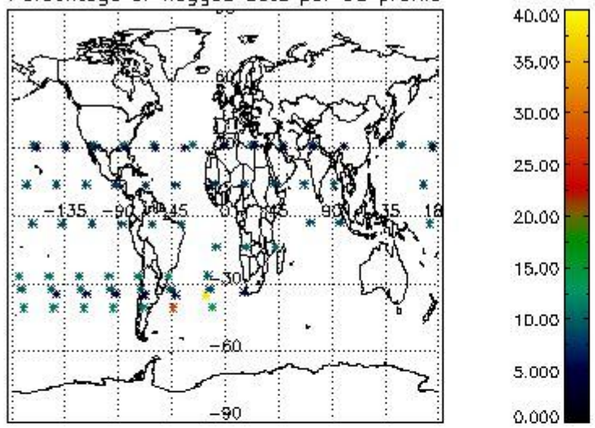
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

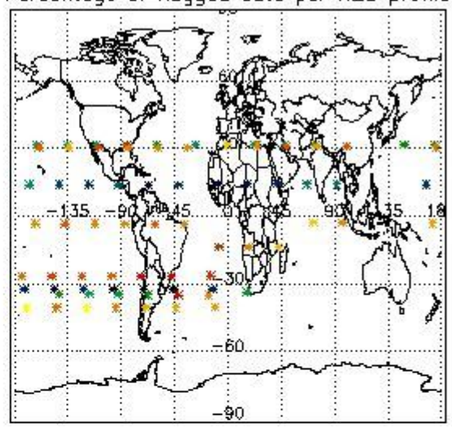


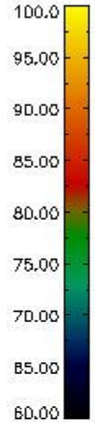
3.2 Plot quality information per product (world map)

Percentage of flagged data per O3 profile

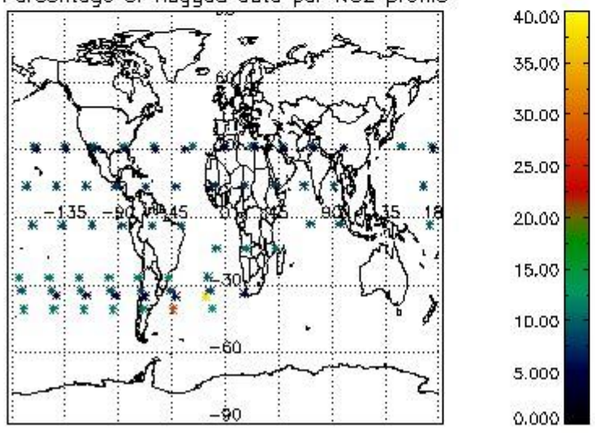


Percentage of flagged data per H2O profile

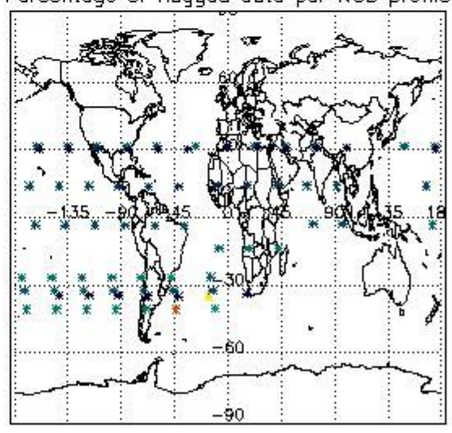


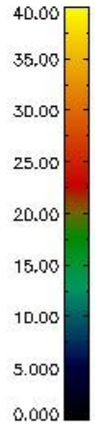


Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



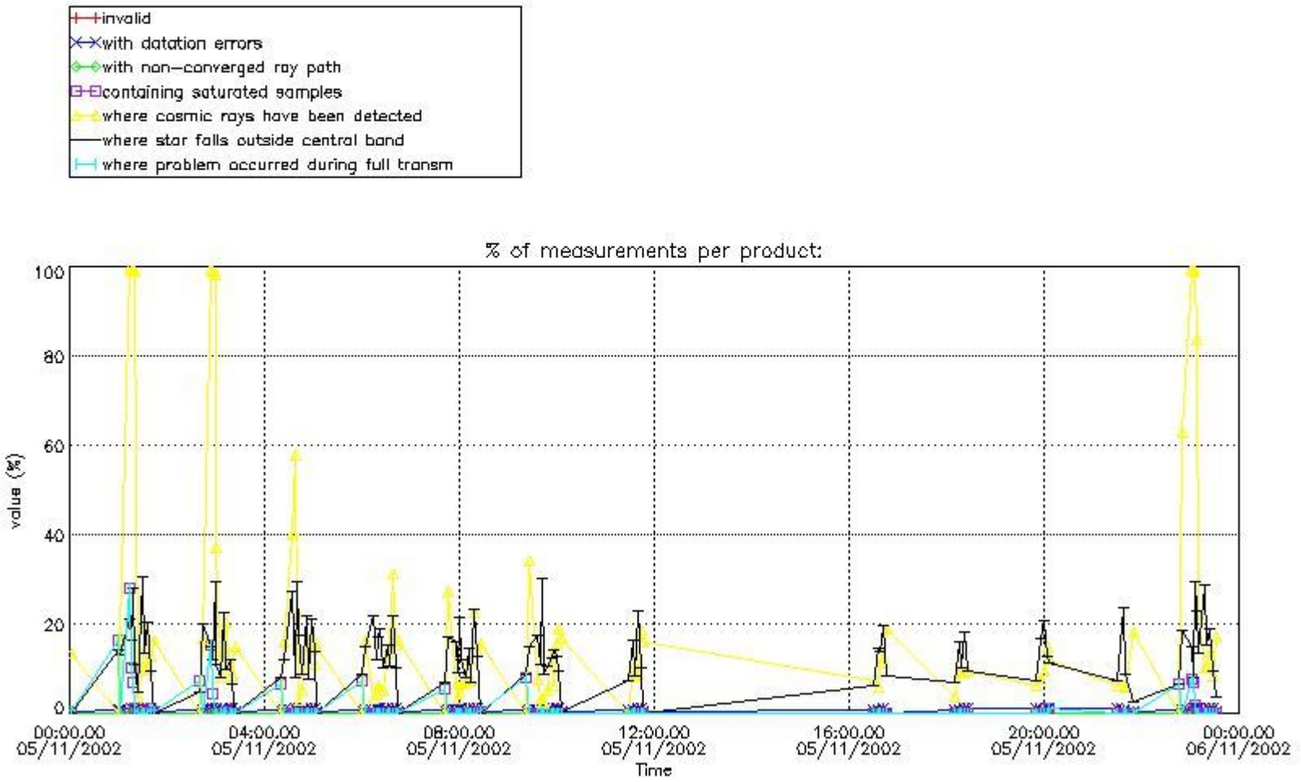


4. Level 1 quality information per product

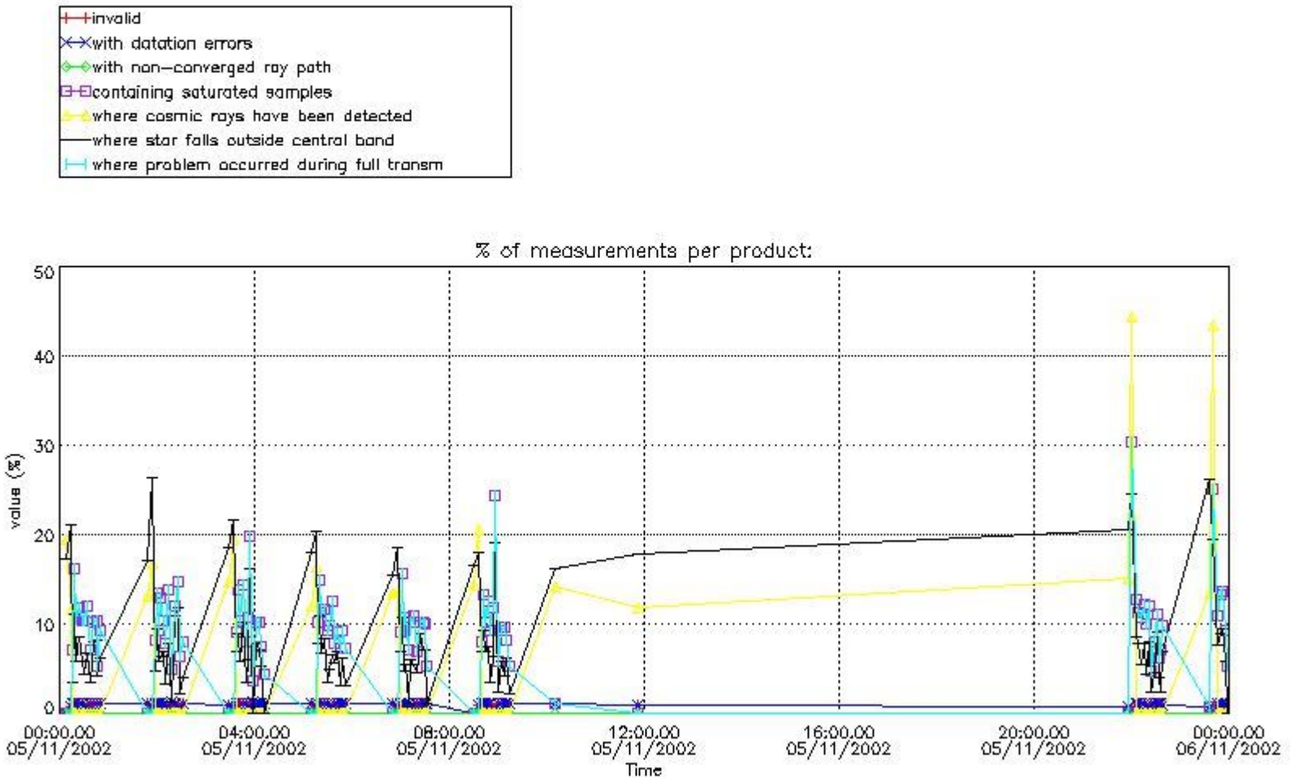
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

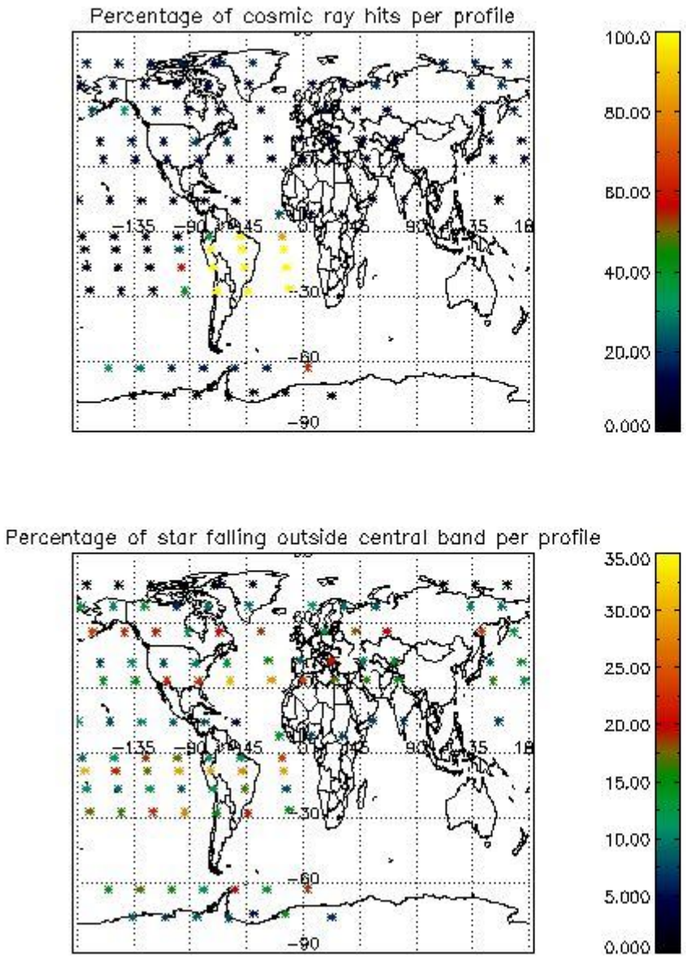


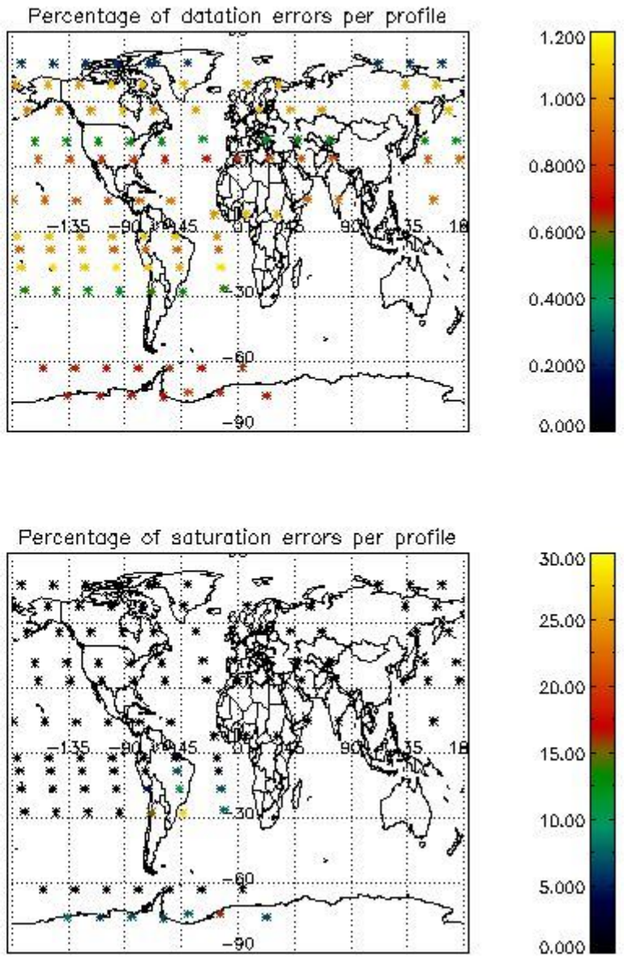
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



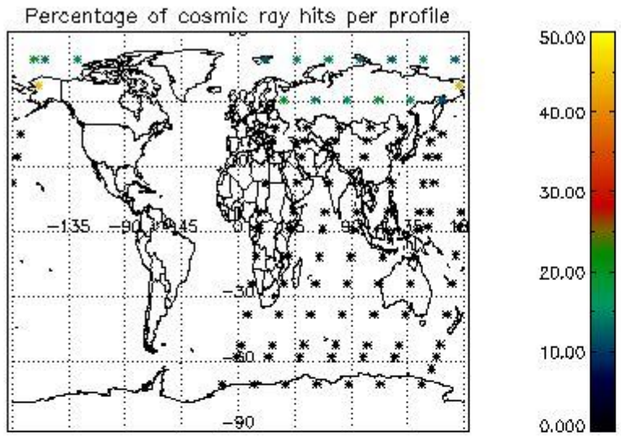
4.2 Plot quality information per product comming from level 1b processing (world map)

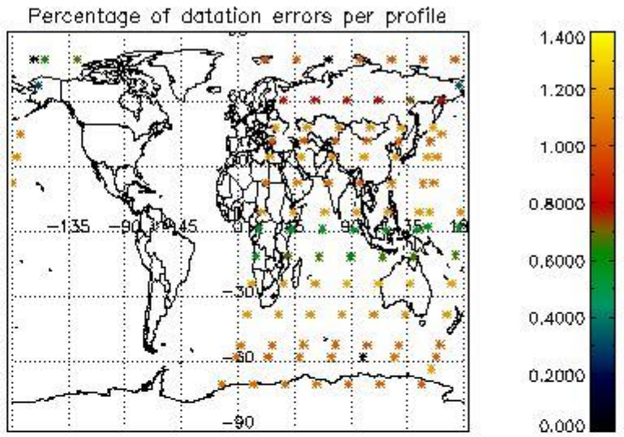
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

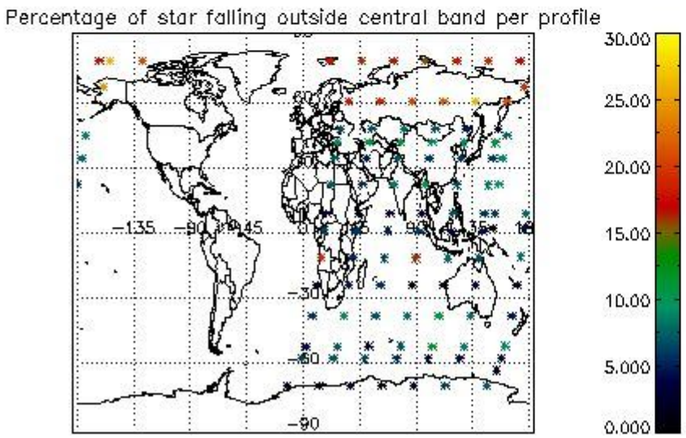


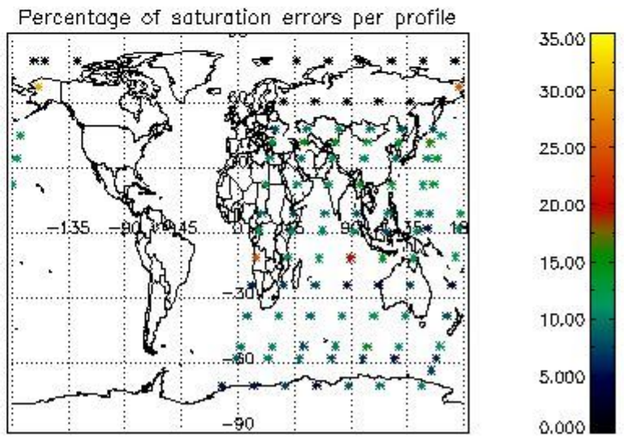


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









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

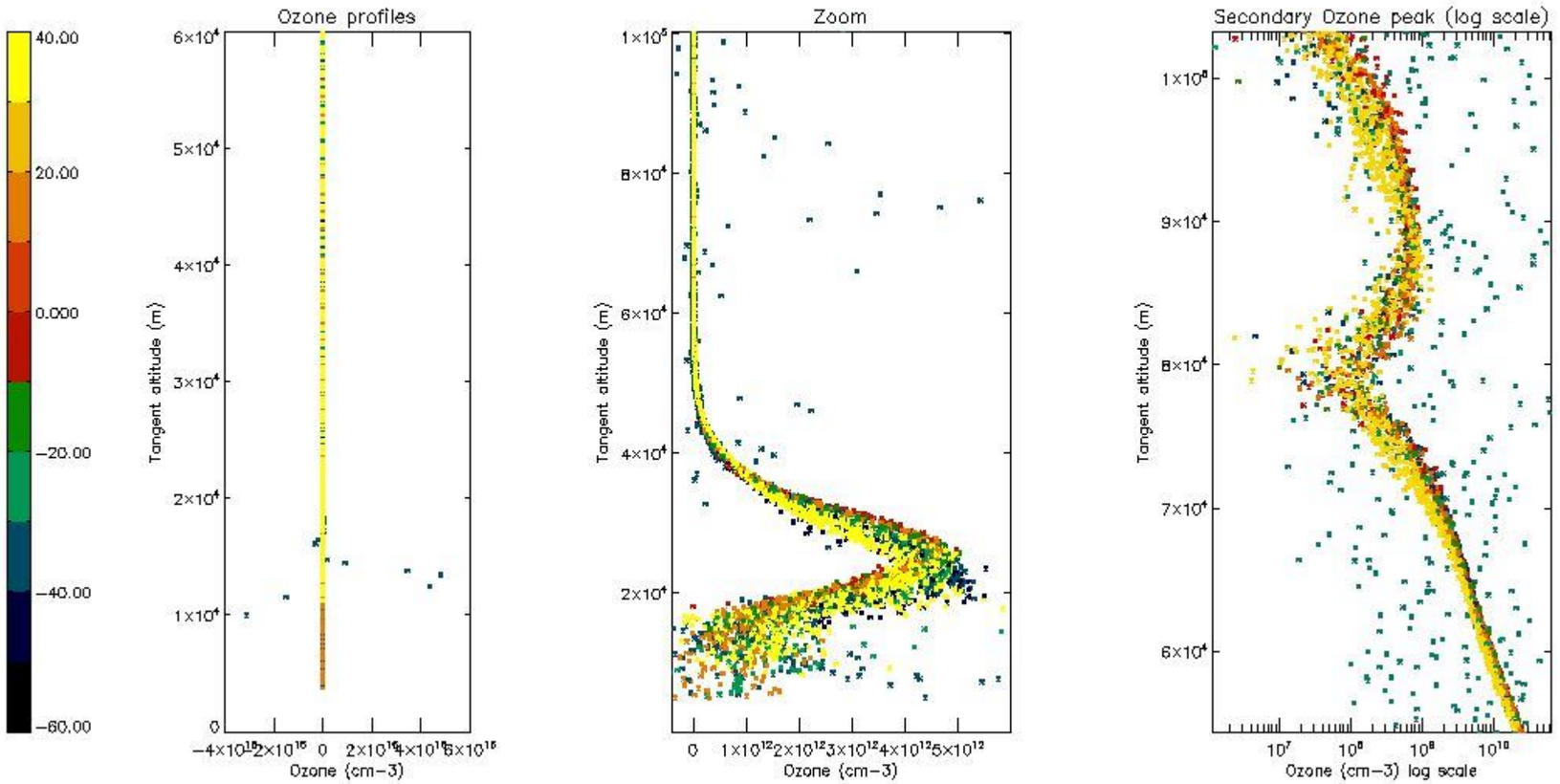
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	19

STD < 10	17
STD < 5	14

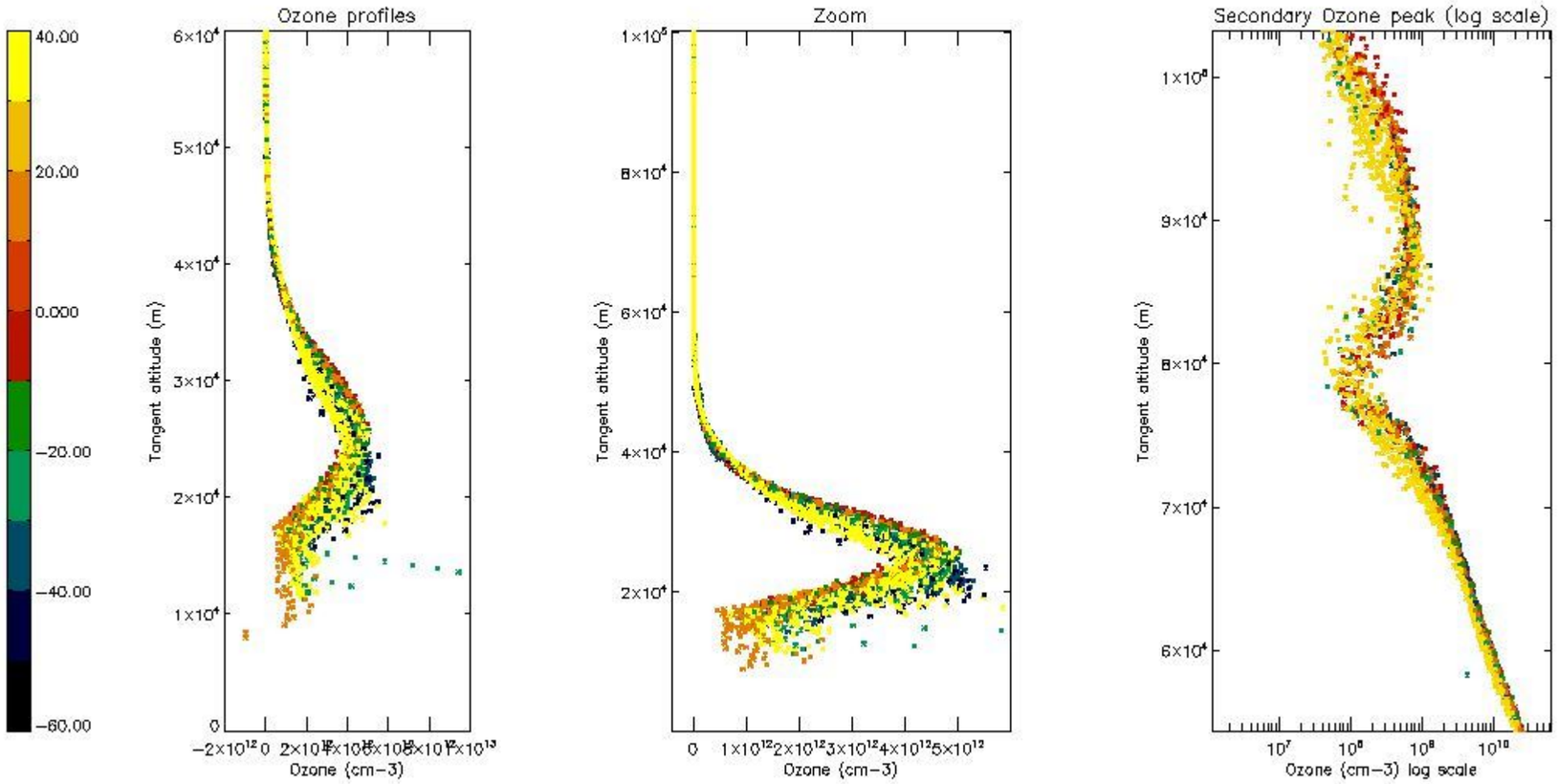
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



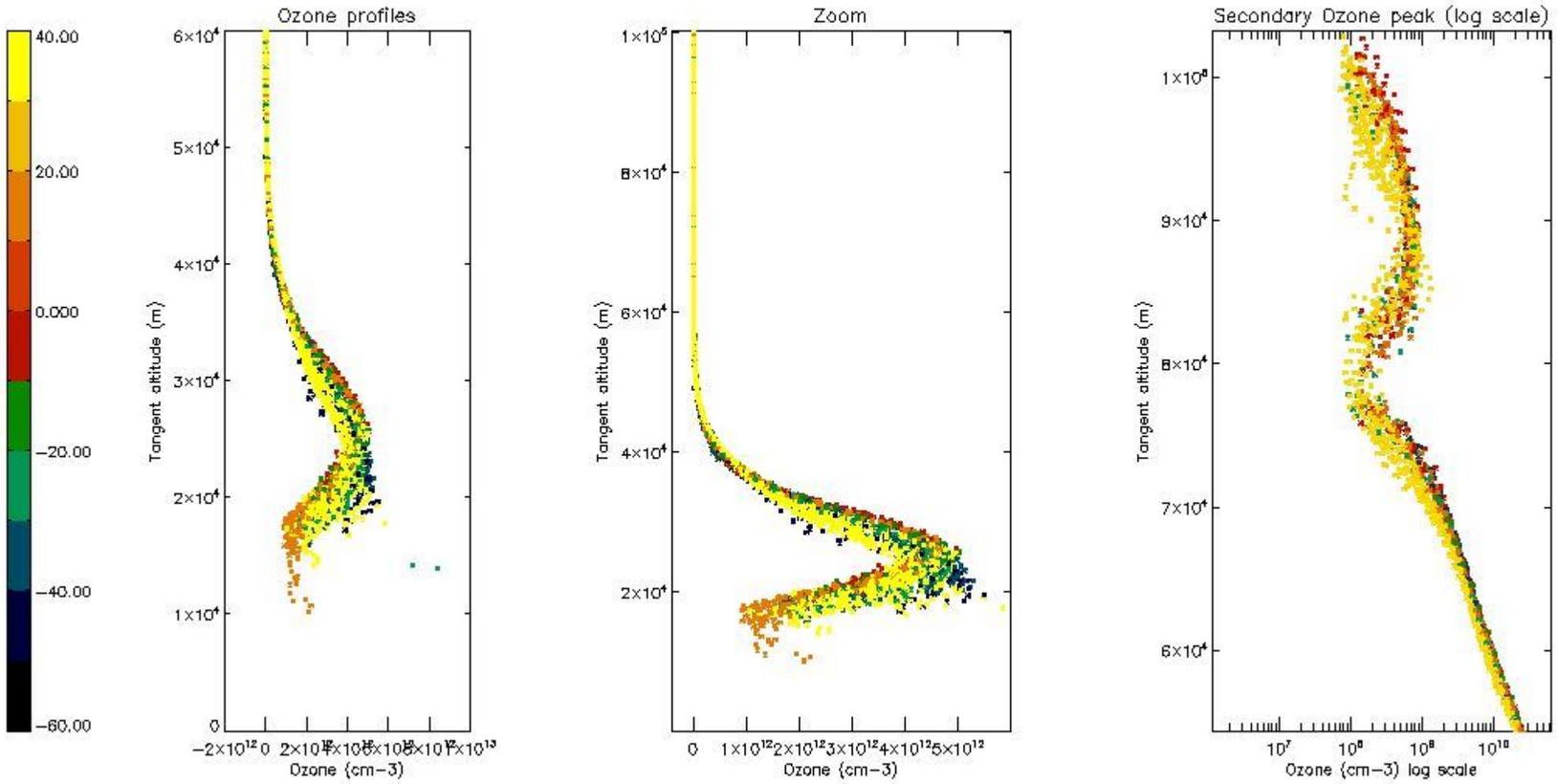
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



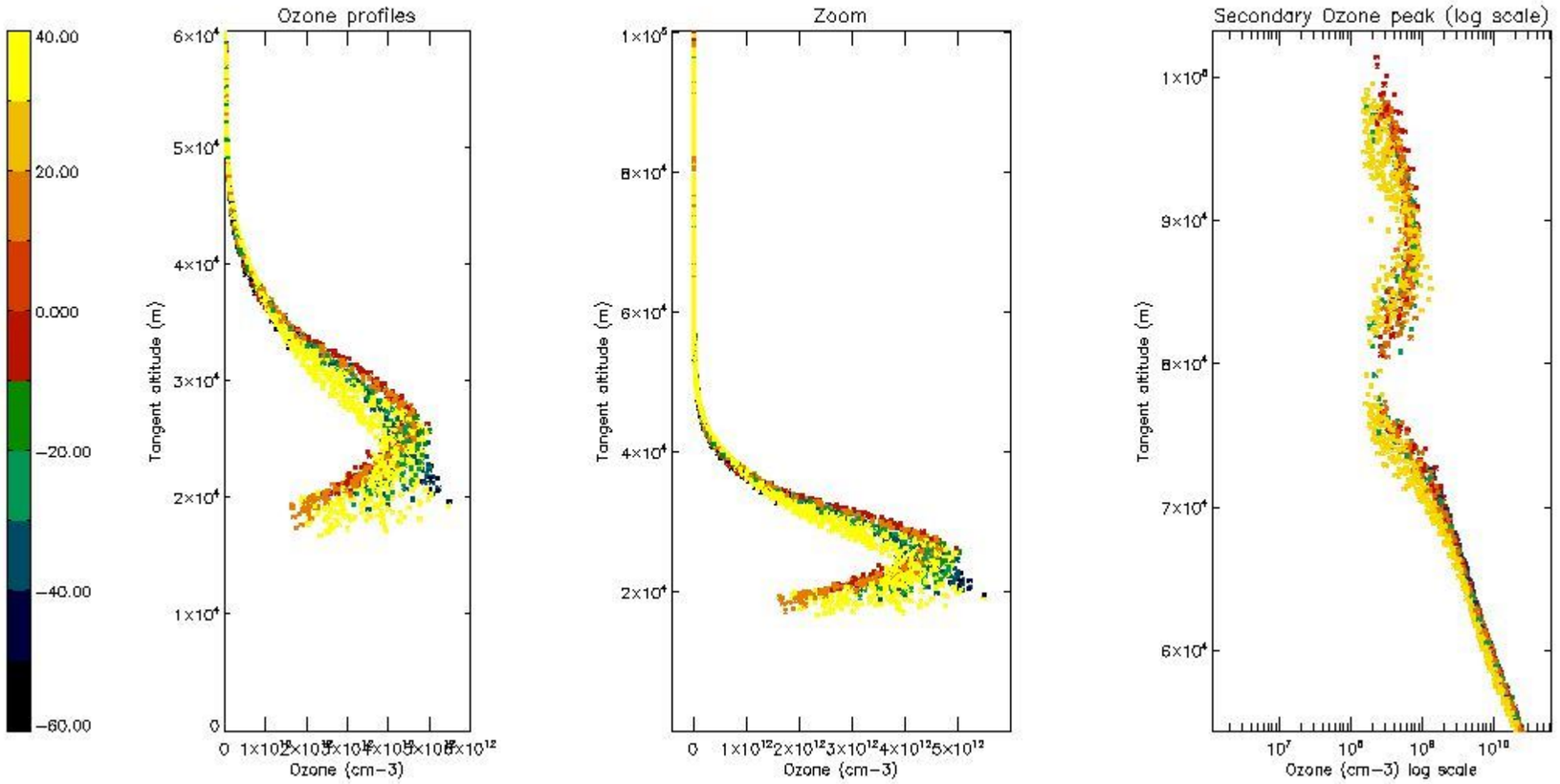
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



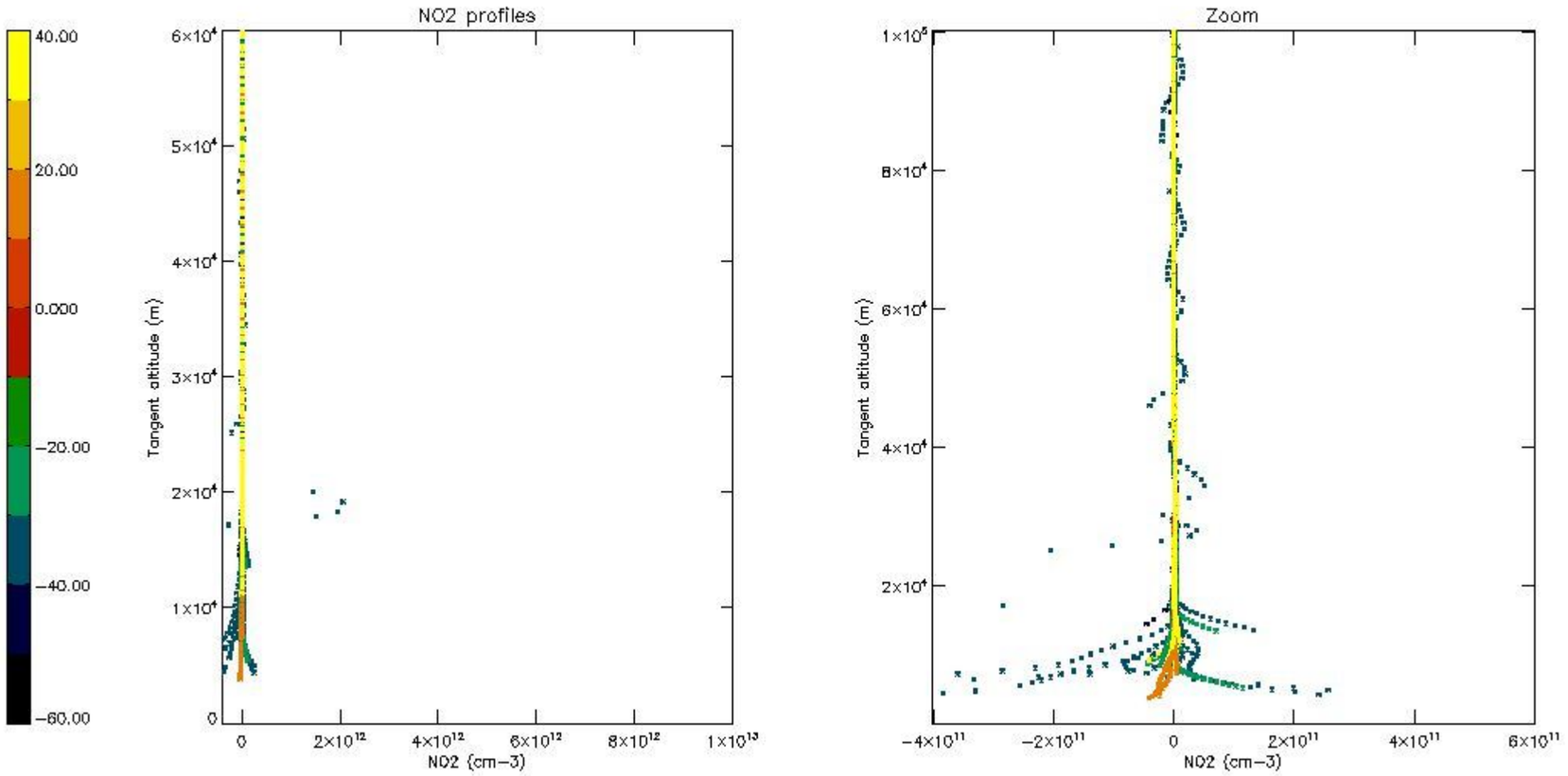
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



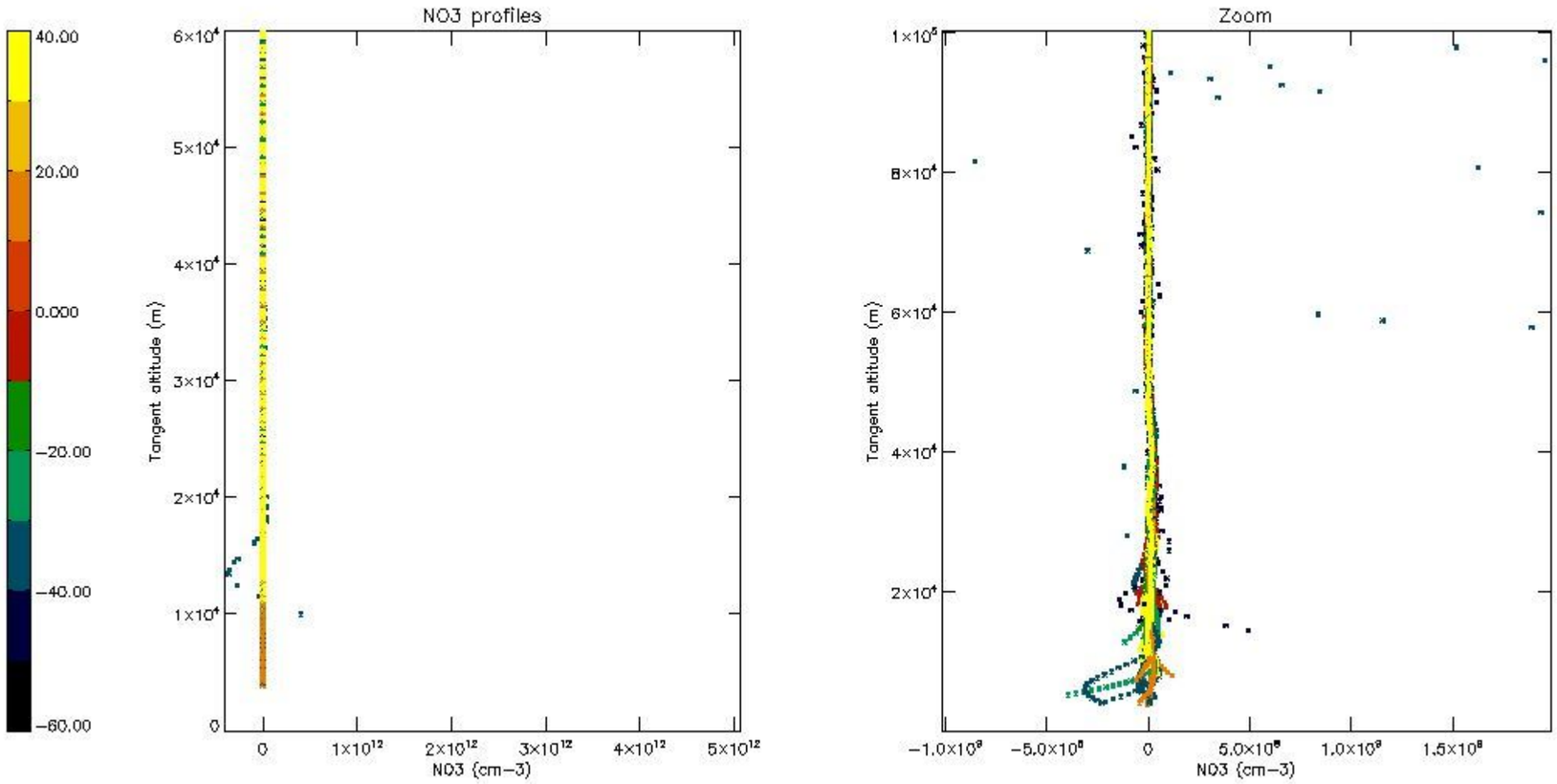
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



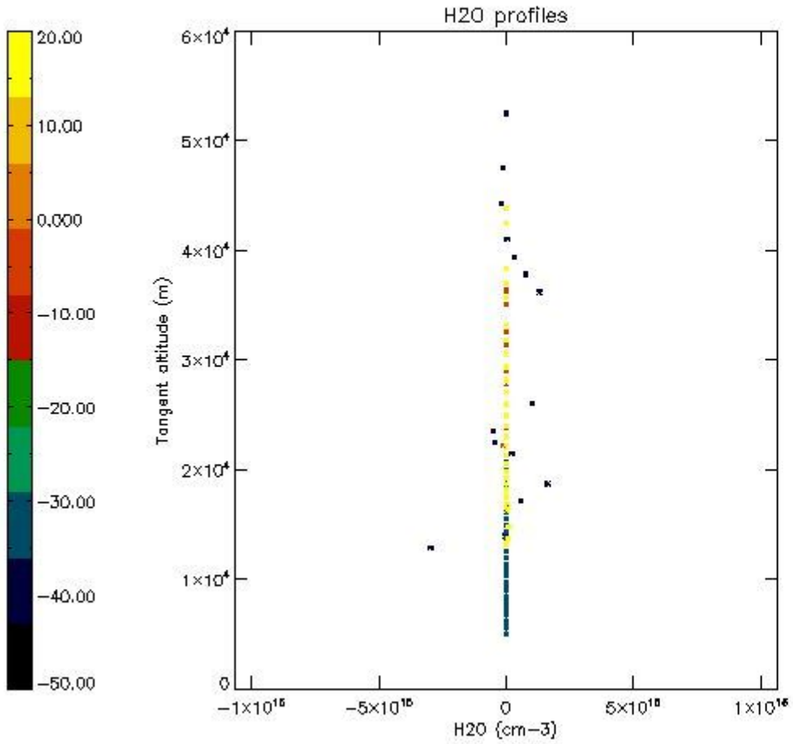
5.7 Plot NO3 profiles for all STD (dark without errors)

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	05-NOV-2002 00:02:31
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-NOV-2002 00:02:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-NOV-2002 00:02:31

GOMOS Level 2 Daily Report

SUMMARY

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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 19:58:26
Data source version	GOMOS/6.01
Start time of products	05-11-2002 (05NOV2002 00:00:00)
Stop time of products	06-11-2002 (06NOV2002 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	218
Nb of prods with errors	1

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__2PRFIN20021105_000231_000002162011_00002_03563_1653.N1	05-NOV-2002 00:02:31	Straylight	216.00	47	2Bet CMa	1.9760	28000.	432	3563	No
2	GOM_NL__2PRFIN20021105_000717_000000492011_00002_03563_1654.N1	05-NOV-2002 00:07:17	Straylight	49.000	52	16Bet Cet	2.0370	4500.0	98	3563	No
3	GOM_NL__2PRFIN20021105_001318_000000642011_00002_03563_1655.N1	05-NOV-2002 00:13:18	Twi_and_stray	64.000	94	92Alp Cet	2.5260	3100.0	128	3563	No
4	GOM_NL__2PRFIN20021105_001652_000000432011_00002_03563_1656.N1	05-NOV-2002 00:16:52	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	3563	No
5	GOM_NL__2PRFIN20021105_001841_000000502011_00002_03563_1657.N1	05-NOV-2002 00:18:41	Bright	49.500	50	13Alp Ari	2.0070	4250.0	99	3563	No
6	GOM_NL__2PRFIN20021105_002043_000000432011_00002_03563_1658.N1	05-NOV-2002 00:20:43	Bright	43.000	58	21Alp And	2.0730	11000.	86	3563	No
7	GOM_NL__2PRFIN20021105_002410_000000472011_00002_03563_1659.N1	05-NOV-2002 00:24:10	Bright	46.500	73	57Gam1And	2.2600	13100.	93	3563	No
8	GOM_NL__2PRFIN20021105_002752_000000442011_00002_03563_1660.N1	05-NOV-2002 00:27:52	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	3563	No
9	GOM_NL__2PRFIN20021105_003013_000000922011_00002_03563_1661.N1	05-NOV-2002 00:30:13	Bright	92.000	114	3Iot Aur	2.6930	4600.0	184	3563	No
10	GOM_NL__2PRFIN20021105_003340_000000752011_00002_03563_1662.N1	05-NOV-2002 00:33:40	Bright	75.000	6	13Alp Aur	0.080000	3400.0	150	3563	No
11	GOM_NL__2PRFIN20021105_003706_000000432011_00002_03563_1663.N1	05-NOV-2002 00:37:06	Bright	42.500	49	1Alp UMi	1.9900	6300.0	85	3563	No
12	GOM_NL__2PRFIN20021105_004105_000000442011_00002_03563_1664.N1	05-NOV-2002 00:41:05	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	3563	No
13	GOM_NL__2PRFIN20021105_004508_000000492011_00002_03563_1665.N1	05-NOV-2002 00:45:08	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	3563	No
14	GOM_NL__2PRFIN20021105_004645_000000472011_00002_03563_1666.N1	05-NOV-2002 00:46:45	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	3563	No
15	GOM_NL__2PRFIN20021105_005031_000000492011_00002_03563_1667.N1	05-NOV-2002 00:50:31	Bright	49.000	174	52Psi UMa	3.0040	4400.0	98	3563	No
16	GOM_NL__2PRFIN20021105_005931_000000682011_00002_03563_1668.N1	05-NOV-2002 00:59:31	Bright	67.500	51	41Gam1Leo	2.0100	4500.0	135	3563	No
17	GOM_NL__2PRFIN20021105_010254_000000722011_00002_03563_1669.N1	05-NOV-2002 01:02:54	Twi_and_stray	72.000	22	32Alp Leo	1.3600	15200.	144	3563	No
18	GOM_NL__2PRFIN20021105_011301_000000952011_00002_03563_1670.N1	05-NOV-2002 01:13:01	Dark	94.500	48	30Alp Hya	1.9770	4100.0	189	3563	No
19	GOM_NL__2PRFIN20021105_011610_000000492011_00002_03563_1671.N1	05-NOV-2002 01:16:10	Dark	48.500	64	Gam Cen	2.2000	10600.	97	3563	No
20	GOM_NL__2PRFIN20021105_011828_000000572011_00002_03563_1672.N1	05-NOV-2002 01:18:28	Dark	57.000	26	Gam Cru	1.6240	2900.0	114	3563	No
21	GOM_NL__2PRFIN20021105_012008_000000462011_00002_03563_1673.N1	05-NOV-2002 01:20:08	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	3563	No
22	GOM_NL__2PRFIN20021105_012446_000000542011_00003_03564_1302.N1	05-NOV-2002 01:24:46	Dark	54.000	34	Gam2Vel	1.7930	23000.	108	3564	No
23	GOM_NL__2PRFIN20021105_013004_000000702011_00003_03564_1303.N1	05-NOV-2002 01:30:04	Dark	70.000	2	Alp Car	-0.73600	7000.0	140	3564	No
24	GOM_NL__2PRFIN20021105_013222_000001012011_00003_03564_1304.N1	05-NOV-2002 01:32:22	Dark	101.00	23	21Eps CMa	1.5020	26000.	202	3564	No
25	GOM_NL__2PRFIN20021105_013631_000000522011_00003_03564_1305.N1	05-NOV-2002 01:36:31	Dark	51.500	9	Alp Eri	0.45300	24000.	103	3564	No
26	GOM_NL__2PRFIN20021105_013957_000000482011_00003_03564_1306.N1	05-NOV-2002 01:39:57	Straylight	47.500	157	The1Eri	2.9060	9300.0	95	3564	No
27	GOM_NL__2PRFIN20021105_014308_000002162011_00003_03564_1307.N1	05-NOV-2002 01:43:08	Straylight	216.00	47	2Bet CMa	1.9760	28000.	432	3564	No
28	GOM_NL__2PRFIN20021105_014753_000000502011_00003_03564_1308.N1	05-NOV-2002 01:47:53	Straylight	49.500	52	16Bet Cet	2.0370	4500.0	99	3564	No
29	GOM_NL__2PRFIN20021105_015353_000000692011_00003_03564_1309.N1	05-NOV-2002 01:53:53	Twi_and_stray	68.500	94	92Alp Cet	2.5260	3100.0	137	3564	No
30	GOM_NL__2PRFIN20021105_015728_000000432011_00003_03564_1310.N1	05-NOV-2002 01:57:28	Bright	42.500	140	88Gam Peg	2.8340	26000.	85	3564	No
31	GOM_NL__2PRFIN20021105_015917_000000482011_00003_03564_1311.N1	05-NOV-2002 01:59:17	Bright	48.000	50	13Alp Ari	2.0070	4250.0	96	3564	No
32	GOM_NL__2PRFIN20021105_020119_000000432011_00003_03564_1312.N1	05-NOV-2002 02:01:19	Bright	43.000	58	21Alp And	2.0730	11000.	86	3564	No
33	GOM_NL__2PRFIN20021105_020446_000000472011_00003_03564_1313.N1	05-NOV-2002 02:04:46	Bright	46.500	73	57Gam1And	2.2600	13100.	93	3564	No
34	GOM_NL__2PRFIN20021105_020828_000000442011_00003_03564_1314.N1	05-NOV-2002 02:08:28	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	3564	No
35	GOM_NL__2PRFIN20021105_021047_000000902011_00003_03564_1315.N1	05-NOV-2002 02:10:47	Bright	89.500	114	3Iot Aur	2.6930	4600.0	179	3564	No
36	GOM_NL__2PRFIN20021105_021414_000000762011_00003_03564_1316.N1	05-NOV-2002 02:14:14	Bright	76.000	6	13Alp Aur	0.080000	3400.0	152	3564	No
37	GOM_NL__2PRFIN20021105_021742_000000422011_00003_03564_1317.N1	05-NOV-2002 02:17:42	Bright	41.500	49	1Alp UMi	1.9900	6300.0	83	3564	No
38	GOM_NL__2PRFIN20021105_022141_000000462011_00003_03564_1318.N1	05-NOV-2002 02:21:41	Bright	45.500	60	7Bet UMi	2.0810	3950.0	91	3564	No
39	GOM_NL__2PRFIN20021105_022543_000000512011_00003_03564_1319.N1	05-NOV-2002 02:25:43	Bright	51.000	36	50Alp UMa	1.8000	6300.0	102	3564	No
40	GOM_NL__2PRFIN20021105_022721_000000472011_00003_03564_1320.N1	05-NOV-2002 02:27:21	Bright	46.500	82	48Bet UMa	2.3650	10600.	93	3564	No
41	GOM_NL__2PRFIN20021105_023105_000000502011_00003_03564_1321.N1	05-NOV-2002 02:31:05	Bright	49.500	174	52Psi UMa	3.0040	4400.0	99	3564	No
42	GOM_NL__2PRFIN20021105_024007_000000622011_00003_03564_1322.N1	05-NOV-2002 02:40:07	Bright	61.500	51	41Gam1Leo	2.0100	4500.0	123	3564	No

43	GOM_NL__2PRFIN20021105_024331_000000782011_00003_03564_1323.N1	05-NOV-2002 02:43:31	Twi_and_stray	78.000	22	32Alp Leo	1.3600	15200.	156	3564	No
44	GOM_NL__2PRFIN20021105_025339_000000882011_00003_03564_1324.N1	05-NOV-2002 02:53:39	Dark	88.000	48	30Alp Hya	1.9770	4100.0	176	3564	No
45	GOM_NL__2PRFIN20021105_025645_000000462011_00003_03564_1325.N1	05-NOV-2002 02:56:45	Dark	46.000	64	Gam Cen	2.2000	10600.	92	3564	No
46	GOM_NL__2PRFIN20021105_025903_000000582011_00003_03564_1326.N1	05-NOV-2002 02:59:03	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	3564	No
47	GOM_NL__2PRFIN20021105_030044_000000462011_00003_03564_1327.N1	05-NOV-2002 03:00:44	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	3564	No
48	GOM_NL__2PRFIN20021105_030521_000000582011_00004_03565_1302.N1	05-NOV-2002 03:05:21	Dark	57.500	34	Gam2Vel	1.7930	23000.	115	3565	No
49	GOM_NL__2PRFIN20021105_031040_000000652011_00004_03565_1303.N1	05-NOV-2002 03:10:40	Dark	64.500	2	Alp Car	-0.73600	7000.0	129	3565	No
50	GOM_NL__2PRFIN20021105_031259_000000992011_00004_03565_1304.N1	05-NOV-2002 03:12:59	Dark	98.500	23	21Eps CMa	1.5020	26000.	197	3565	No
51	GOM_NL__2PRFIN20021105_031707_000000462011_00004_03565_1305.N1	05-NOV-2002 03:17:07	Dark	46.000	9	Alp Eri	0.45300	24000.	92	3565	No
52	GOM_NL__2PRFIN20021105_032033_000000472011_00004_03565_1306.N1	05-NOV-2002 03:20:33	Straylight	47.000	157	The1Eri	2.9060	9300.0	94	3565	No
53	GOM_NL__2PRFIN20021105_032344_000002162011_00004_03565_1307.N1	05-NOV-2002 03:23:44	Straylight	216.00	47	2Bet CMa	1.9760	28000.	432	3565	No
54	GOM_NL__2PRFIN20021105_032829_000000512011_00004_03565_1308.N1	05-NOV-2002 03:28:29	Straylight	51.000	52	16Bet Cet	2.0370	4500.0	102	3565	No
55	GOM_NL__2PRFIN20021105_033428_000000652011_00004_03565_1309.N1	05-NOV-2002 03:34:28	Twi_and_stray	64.500	94	92Alp Cet	2.5260	3100.0	129	3565	No
56	GOM_NL__2PRFIN20021105_033804_000000442011_00004_03565_1310.N1	05-NOV-2002 03:38:04	Bright	44.000	140	88Gam Peg	2.8340	26000.	88	3565	No
57	GOM_NL__2PRFIN20021105_033951_000000512011_00004_03565_1311.N1	05-NOV-2002 03:39:51	Bright	50.500	50	13Alp Ari	2.0070	4250.0	101	3565	No
58	GOM_NL__2PRFIN20021105_034155_000000442011_00004_03565_1312.N1	05-NOV-2002 03:41:55	Bright	43.500	58	21Alp And	2.0730	11000.	87	3565	No
59	GOM_NL__2PRFIN20021105_034520_000000492011_00004_03565_1313.N1	05-NOV-2002 03:45:20	Bright	49.000	73	57Gam1And	2.2600	13100.	98	3565	No
60	GOM_NL__2PRFIN20021105_034903_000000442011_00004_03565_1314.N1	05-NOV-2002 03:49:03	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	3565	No
61	GOM_NL__2PRFIN20021105_035121_000000932011_00004_03565_1315.N1	05-NOV-2002 03:51:21	Bright	93.000	114	3Iot Aur	2.6930	4600.0	186	3565	No
62	GOM_NL__2PRFIN20021105_035448_000000842011_00004_03565_1316.N1	05-NOV-2002 03:54:48	Bright	83.500	6	13Alp Aur	0.080000	3400.0	167	3565	No
63	GOM_NL__2PRFIN20021105_035817_000000422011_00004_03565_1317.N1	05-NOV-2002 03:58:17	Bright	42.000	49	1Alp UMi	1.9900	6300.0	84	3565	No
64	GOM_NL__2PRFIN20021105_040217_000000452011_00004_03565_1318.N1	05-NOV-2002 04:02:17	Bright	44.500	60	7Bet UMi	2.0810	3950.0	89	3565	No
65	GOM_NL__2PRFIN20021105_040618_000000502011_00004_03565_1319.N1	05-NOV-2002 04:06:18	Bright	49.500	36	50Alp UMa	1.8000	6300.0	99	3565	No
66	GOM_NL__2PRFIN20021105_040756_000000482011_00004_03565_1320.N1	05-NOV-2002 04:07:56	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	3565	No
67	GOM_NL__2PRFIN20021105_041142_000000472011_00004_03565_1321.N1	05-NOV-2002 04:11:42	Bright	46.500	174	52Psi UMa	3.0040	4400.0	93	3565	No
68	GOM_NL__2PRFIN20021105_042005_000000752011_00004_03565_1322.N1	05-NOV-2002 04:20:05	Bright	74.500	166	17Eps Leo	2.9800	6000.0	149	3565	No
69	GOM_NL__2PRFIN20021105_042407_000000722011_00004_03565_1323.N1	05-NOV-2002 04:24:07	Twi_and_stray	71.500	22	32Alp Leo	1.3600	15200.	143	3565	No
70	GOM_NL__2PRFIN20021105_043416_000001042011_00004_03565_1324.N1	05-NOV-2002 04:34:16	Dark	104.00	48	30Alp Hya	1.9770	4100.0	208	3565	No
71	GOM_NL__2PRFIN20021105_043722_000000442011_00004_03565_1325.N1	05-NOV-2002 04:37:22	Dark	44.000	64	Gam Cen	2.2000	10600.	88	3565	No
72	GOM_NL__2PRFIN20021105_043940_000000582011_00004_03565_1326.N1	05-NOV-2002 04:39:40	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	3565	No
73	GOM_NL__2PRFIN20021105_044120_000000492011_00004_03565_1327.N1	05-NOV-2002 04:41:20	Dark	49.000	12	Alp1Cru	0.77500	30000.	98	3565	No
74	GOM_NL__2PRFIN20021105_044558_000000592011_00005_03566_1303.N1	05-NOV-2002 04:45:58	Dark	58.500	34	Gam2Vel	1.7930	23000.	117	3566	No
75	GOM_NL__2PRFIN20021105_045116_000000652011_00005_03566_1304.N1	05-NOV-2002 04:51:16	Dark	64.500	2	Alp Car	-0.73600	7000.0	129	3566	No
76	GOM_NL__2PRFIN20021105_045337_000000962011_00005_03566_1305.N1	05-NOV-2002 04:53:37	Dark	96.000	23	21Eps CMa	1.5020	26000.	192	3566	No
77	GOM_NL__2PRFIN20021105_045743_000000522011_00005_03566_1306.N1	05-NOV-2002 04:57:43	Dark	52.000	9	Alp Eri	0.45300	24000.	104	3566	No
78	GOM_NL__2PRFIN20021105_050109_000000512011_00005_03566_1307.N1	05-NOV-2002 05:01:09	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	3566	No
79	GOM_NL__2PRFIN20021105_050421_000002162011_00005_03566_1308.N1	05-NOV-2002 05:04:21	Straylight	216.00	47	2Bet CMa	1.9760	28000.	432	3566	No
80	GOM_NL__2PRFIN20021105_050905_000000502011_00005_03566_1309.N1	05-NOV-2002 05:09:05	Straylight	50.000	52	16Bet Cet	2.0370	4500.0	100	3566	No
81	GOM_NL__2PRFIN20021105_051504_000000642011_00005_03566_1310.N1	05-NOV-2002 05:15:04	Twi_and_stray	64.000	94	92Alp Cet	2.5260	3100.0	128	3566	No
82	GOM_NL__2PRFIN20021105_051840_000000452011_00005_03566_1311.N1	05-NOV-2002 05:18:40	Bright	44.500	140	88Gam Peg	2.8340	26000.	89	3566	No
83	GOM_NL__2PRFIN20021105_052027_000000512011_00005_03566_1312.N1	05-NOV-2002 05:20:27	Bright	50.500	50	13Alp Ari	2.0070	4250.0	101	3566	No
84	GOM_NL__2PRFIN20021105_052231_000000452011_00005_03566_1313.N1	05-NOV-2002 05:22:31	Bright	44.500	58	21Alp And	2.0730	11000.	89	3566	No
85	GOM_NL__2PRFIN20021105_052556_000000482011_00005_03566_1314.N1	05-NOV-2002 05:25:56	Bright	47.500	73	57Gam1And	2.2600	13100.	95	3566	No
86	GOM_NL__2PRFIN20021105_052939_000000442011_00005_03566_1315.N1	05-NOV-2002 05:29:39	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	3566	No
87	GOM_NL__2PRFIN20021105_053155_000000922011_00005_03566_1316.N1	05-NOV-2002 05:31:55	Bright	92.000	114	3Iot Aur	2.6930	4600.0	184	3566	No
88	GOM_NL__2PRFIN20021105_053523_000000762011_00005_03566_1317.N1	05-NOV-2002 05:35:23	Bright	75.500	6	13Alp Aur	0.080000	3400.0	151	3566	No
89	GOM_NL__2PRFIN20021105_053852_000000452011_00005_03566_1318.N1	05-NOV-2002 05:38:52	Bright	44.500	49	1Alp UMi	1.9900	6300.0	89	3566	No
90	GOM_NL__2PRFIN20021105_054253_000000442011_00005_03566_1319.N1	05-NOV-2002 05:42:53	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	3566	No
91	GOM_NL__2PRFIN20021105_054654_000000482011_00005_03566_1320.N1	05-NOV-2002 05:46:54	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	3566	No
92	GOM_NL__2PRFIN20021105_054833_000000492011_00005_03566_1321.N1	05-NOV-2002 05:48:33	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	3566	No
93	GOM_NL__2PRFIN20021105_055218_000000482011_00005_03566_1322.N1	05-NOV-2002 05:52:18	Bright	48.000	174	52Psi UMa	3.0040	4400.0	96	3566	No
94	GOM_NL__2PRFIN20021105_060042_000000762011_00005_03566_1323.N1	05-NOV-2002 06:00:42	Bright	75.500	166	17Eps Leo	2.9800	6000.0	151	3566	No
95	GOM_NL__2PRFIN20021105_060444_000000742011_00005_03566_1324.N1	05-NOV-2002 06:04:44	Twi_and_stray	73.500	22	32Alp Leo	1.3600	15200.	147	3566	No
96	GOM_NL__2PRFIN20021105_061454_000000972011_00005_03566_1325.N1	05-NOV-2002 06:14:54	Dark	96.500	48	30Alp Hya	1.9770	4100.0	193	3566	No
97	GOM_NL__2PRFIN20021105_061758_000000472011_00005_03566_1326.N1	05-NOV-2002 06:17:58	Dark	46.500	64	Gam Cen	2.2000	10600.	93	3566	No
98	GOM_NL__2PRFIN20021105_062015_000000502011_00005_03566_1327.N1	05-NOV-2002 06:20:15	Dark	49.500	26	Gam Cru	1.6240	2900.0	99	3566	No
99	GOM_NL__2PRFIN20021105_062156_000000512011_00005_03566_1328.N1	05-NOV-2002 06:21:56	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	3566	No
100	GOM_NL__2PRFIN20021105_062635_000000592011_00006_03567_1303.N1	05-NOV-2002 06:26:35	Dark	58.500	34	Gam2Vel	1.7930	23000.	117	3567	No
101	GOM_NL__2PRFIN20021105_063153_000000592011_00006_03567_1304.N1	05-NOV-2002 06:31:53	Dark	59.000	2	Alp Car	-0.73600	7000.0	118	3567	No

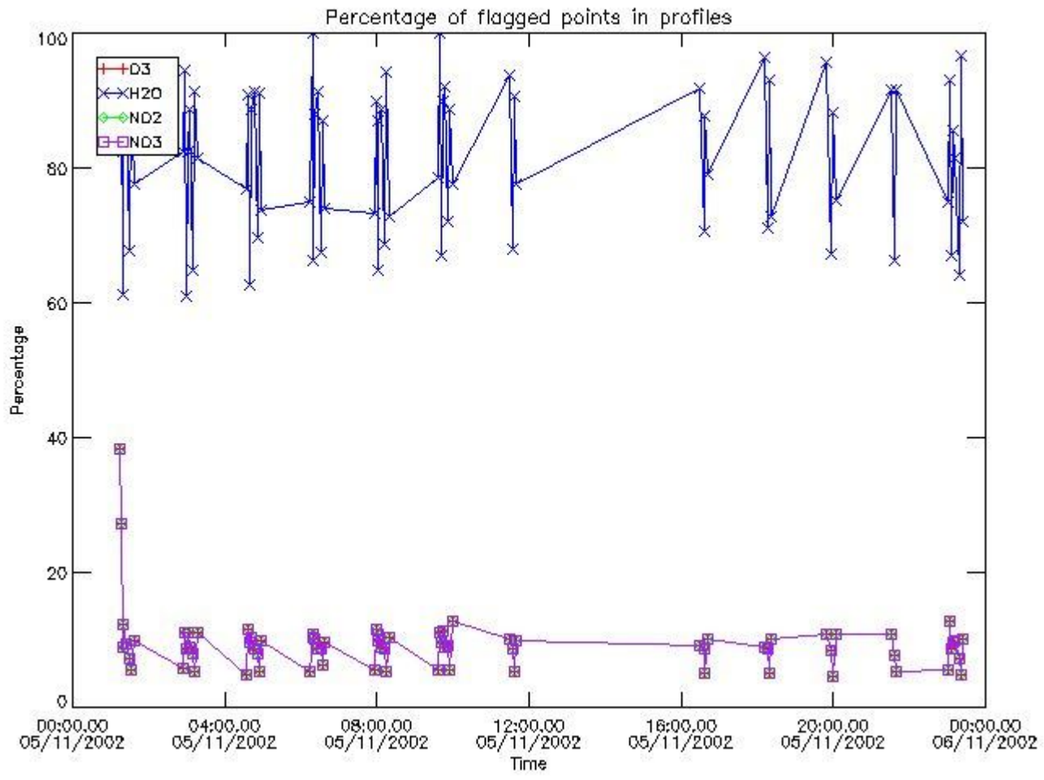
102	GOM_NL__2PRFIN20021105_063414_000001002011_00006_03567_1305.N1	05-NOV-2002 06:34:14	Dark	99.500	23	21Eps CMa	1.5020	26000.	199	3567	No
103	GOM_NL__2PRFIN20021105_063819_000000532011_00006_03567_1306.N1	05-NOV-2002 06:38:19	Dark	52.500	9	Alp Eri	0.45300	24000.	105	3567	No
104	GOM_NL__2PRFIN20021105_064145_000000492011_00006_03567_1307.N1	05-NOV-2002 06:41:45	Straylight	49.000	157	The1Eri	2.9060	9300.0	98	3567	No
105	GOM_NL__2PRFIN20021105_064458_000002162011_00006_03567_1308.N1	05-NOV-2002 06:44:58	Straylight	216.00	47	2Bet CMa	1.9760	28000.	432	3567	No
106	GOM_NL__2PRFIN20021105_064941_000000492011_00006_03567_1309.N1	05-NOV-2002 06:49:41	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	3567	No
107	GOM_NL__2PRFIN20021105_065540_000000622011_00006_03567_1310.N1	05-NOV-2002 06:55:40	Twi_and_stray	62.000	94	92Alp Cet	2.5260	3100.0	124	3567	No
108	GOM_NL__2PRFIN20021105_065917_000000442011_00006_03567_1311.N1	05-NOV-2002 06:59:17	Bright	44.000	140	88Gam Peg	2.8340	26000.	88	3567	No
109	GOM_NL__2PRFIN20021105_070103_000000512011_00006_03567_1312.N1	05-NOV-2002 07:01:03	Bright	51.000	50	13Alp Ari	2.0070	4250.0	102	3567	No
110	GOM_NL__2PRFIN20021105_070308_000000432011_00006_03567_1313.N1	05-NOV-2002 07:03:08	Bright	43.000	58	21Alp And	2.0730	11000.	86	3567	No
111	GOM_NL__2PRFIN20021105_070632_000000472011_00006_03567_1314.N1	05-NOV-2002 07:06:32	Bright	46.500	73	57Gam1And	2.2600	13100.	93	3567	No
112	GOM_NL__2PRFIN20021105_071016_000000432011_00006_03567_1315.N1	05-NOV-2002 07:10:16	Bright	42.500	68	18Alp Cas	2.2250	4500.0	85	3567	No
113	GOM_NL__2PRFIN20021105_071229_000000932011_00006_03567_1316.N1	05-NOV-2002 07:12:29	Bright	92.500	114	3Iot Aur	2.6930	4600.0	185	3567	No
114	GOM_NL__2PRFIN20021105_071558_000000742011_00006_03567_1317.N1	05-NOV-2002 07:15:58	Bright	73.500	6	13Alp Aur	0.080000	3400.0	147	3567	No
115	GOM_NL__2PRFIN20021105_071928_000000442011_00006_03567_1318.N1	05-NOV-2002 07:19:28	Bright	43.500	49	1Alp UMi	1.9900	6300.0	87	3567	No
116	GOM_NL__2PRFIN20021105_072329_000000452011_00006_03567_1319.N1	05-NOV-2002 07:23:29	Bright	44.500	60	7Bet UMi	2.0810	3950.0	89	3567	No
117	GOM_NL__2PRFIN20021105_072731_000000492011_00006_03567_1320.N1	05-NOV-2002 07:27:31	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	3567	No
118	GOM_NL__2PRFIN20021105_072907_000000502011_00006_03567_1321.N1	05-NOV-2002 07:29:07	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	3567	No
119	GOM_NL__2PRFIN20021105_073254_000000482011_00006_03567_1322.N1	05-NOV-2002 07:32:54	Bright	47.500	174	52Psi UMa	3.0040	4400.0	95	3567	No
120	GOM_NL__2PRFIN20021105_074118_000000742011_00006_03567_1323.N1	05-NOV-2002 07:41:18	Bright	74.000	166	17Eps Leo	2.9800	6000.0	148	3567	No
121	GOM_NL__2PRFIN20021105_074521_000000772011_00006_03567_1324.N1	05-NOV-2002 07:45:21	Twi_and_stray	76.500	22	32Alp Leo	1.3600	15200.	153	3567	No
122	GOM_NL__2PRFIN20021105_075531_000000912011_00006_03567_1325.N1	05-NOV-2002 07:55:31	Dark	90.500	48	30Alp Hya	1.9770	4100.0	181	3567	No
123	GOM_NL__2PRFIN20021105_075833_000000452011_00006_03567_1326.N1	05-NOV-2002 07:58:33	Dark	44.500	64	Gam Cen	2.2000	10600.	89	3567	No
124	GOM_NL__2PRFIN20021105_080051_000000522011_00006_03567_1327.N1	05-NOV-2002 08:00:51	Dark	51.500	26	Gam Cru	1.6240	2900.0	103	3567	No
125	GOM_NL__2PRFIN20021105_080231_000000472011_00006_03567_1328.N1	05-NOV-2002 08:02:31	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	3567	No
126	GOM_NL__2PRFIN20021105_080712_000000582011_00007_03568_1303.N1	05-NOV-2002 08:07:12	Dark	57.500	34	Gam2Vel	1.7930	23000.	115	3568	No
127	GOM_NL__2PRFIN20021105_081230_000000582011_00007_03568_1304.N1	05-NOV-2002 08:12:30	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	3568	No
128	GOM_NL__2PRFIN20021105_081452_000000952011_00007_03568_1305.N1	05-NOV-2002 08:14:52	Dark	94.500	23	21Eps CMa	1.5020	26000.	189	3568	No
129	GOM_NL__2PRFIN20021105_081855_000000542011_00007_03568_1306.N1	05-NOV-2002 08:18:55	Dark	53.500	9	Alp Eri	0.45300	24000.	107	3568	No
130	GOM_NL__2PRFIN20021105_082221_000000512011_00007_03568_1307.N1	05-NOV-2002 08:22:21	Straylight	50.500	157	The1Eri	2.9060	9300.0	101	3568	No
131	GOM_NL__2PRFIN20021105_082535_000002162011_00007_03568_1308.N1	05-NOV-2002 08:25:35	Straylight	216.00	47	2Bet CMa	1.9760	28000.	432	3568	No
132	GOM_NL__2PRFIN20021105_083017_000000492011_00007_03568_1309.N1	05-NOV-2002 08:30:17	Straylight	48.500	52	16Bet Cet	2.0370	4500.0	97	3568	No
133	GOM_NL__2PRFIN20021105_083616_000000612011_00007_03568_1310.N1	05-NOV-2002 08:36:16	Twi_and_stray	61.000	94	92Alp Cet	2.5260	3100.0	122	3568	No
134	GOM_NL__2PRFIN20021105_083953_000000442011_00007_03568_1311.N1	05-NOV-2002 08:39:53	Bright	43.500	140	88Gam Peg	2.8340	26000.	87	3568	No
135	GOM_NL__2PRFIN20021105_084139_000000492011_00007_03568_1312.N1	05-NOV-2002 08:41:39	Bright	49.000	50	13Alp Ari	2.0070	4250.0	98	3568	No
136	GOM_NL__2PRFIN20021105_084344_000000442011_00007_03568_1313.N1	05-NOV-2002 08:43:44	Bright	44.000	58	21Alp And	2.0730	11000.	88	3568	No
137	GOM_NL__2PRFIN20021105_084708_000000482011_00007_03568_1314.N1	05-NOV-2002 08:47:08	Bright	47.500	73	57Gam1And	2.2600	13100.	95	3568	No
138	GOM_NL__2PRFIN20021105_085051_000000442011_00007_03568_1315.N1	05-NOV-2002 08:50:51	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	3568	No
139	GOM_NL__2PRFIN20021105_085303_000000942011_00007_03568_1316.N1	05-NOV-2002 08:53:03	Bright	93.500	114	3Iot Aur	2.6930	4600.0	187	3568	No
140	GOM_NL__2PRFIN20021105_085633_000000872011_00007_03568_1317.N1	05-NOV-2002 08:56:33	Bright	86.500	6	13Alp Aur	0.080000	3400.0	173	3568	No
141	GOM_NL__2PRFIN20021105_090005_000000432011_00007_03568_1318.N1	05-NOV-2002 09:00:05	Bright	42.500	49	1Alp UMi	1.9900	6300.0	85	3568	No
142	GOM_NL__2PRFIN20021105_090405_000000442011_00007_03568_1319.N1	05-NOV-2002 09:04:05	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	3568	No
143	GOM_NL__2PRFIN20021105_090807_000000472011_00007_03568_1320.N1	05-NOV-2002 09:08:07	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	3568	No
144	GOM_NL__2PRFIN20021105_090944_000000492011_00007_03568_1321.N1	05-NOV-2002 09:09:44	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	3568	No
145	GOM_NL__2PRFIN20021105_091330_000000472011_00007_03568_1322.N1	05-NOV-2002 09:13:30	Bright	47.000	174	52Psi UMa	3.0040	4400.0	94	3568	No
146	GOM_NL__2PRFIN20021105_092155_000000762011_00007_03568_1323.N1	05-NOV-2002 09:21:55	Bright	76.000	166	17Eps Leo	2.9800	6000.0	152	3568	No
147	GOM_NL__2PRFIN20021105_092557_000000752011_00007_03568_1324.N1	05-NOV-2002 09:25:57	Twi_and_stray	74.500	22	32Alp Leo	1.3600	15200.	149	3568	No
148	GOM_NL__2PRFIN20021105_093609_000000922011_00007_03568_1325.N1	05-NOV-2002 09:36:09	Dark	91.500	48	30Alp Hya	1.9770	4100.0	183	3568	No
149	GOM_NL__2PRFIN20021105_093909_000000462011_00007_03568_1326.N1	05-NOV-2002 09:39:09	Dark	46.000	64	Gam Cen	2.2000	10600.	92	3568	No
150	GOM_NL__2PRFIN20021105_094128_000000582011_00007_03568_1327.N1	05-NOV-2002 09:41:28	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	3568	No
151	GOM_NL__2PRFIN20021105_094308_000000452011_00007_03568_1328.N1	05-NOV-2002 09:43:08	Dark	45.000	12	Alp1Cru	0.77500	30000.	90	3568	No
152	GOM_NL__2PRFIN20021105_094750_000000572011_00008_03569_9454.N1	05-NOV-2002 09:47:50	Dark	57.000	34	Gam2Vel	1.7930	23000.	114	3569	No
153	GOM_NL__2PRFIN20021105_095307_000000562011_00008_03569_9455.N1	05-NOV-2002 09:53:07	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	3569	No
154	GOM_NL__2PRFIN20021105_095530_000001032011_00008_03569_9456.N1	05-NOV-2002 09:55:30	Dark	103.00	23	21Eps CMa	1.5020	26000.	206	3569	No
155	GOM_NL__2PRFIN20021105_095931_000000482011_00008_03569_9457.N1	05-NOV-2002 09:59:31	Dark	47.500	9	Alp Eri	0.45300	24000.	95	3569	No
156	GOM_NL__2PRFIN20021105_100258_000000482011_00008_03569_9458.N1	05-NOV-2002 10:02:58	Straylight	48.000	157	The1Eri	2.9060	9300.0	96	3569	No
157	GOM_NL__2PRFIN20021105_100612_000002162011_00008_03569_9459.N1	05-NOV-2002 10:06:12	Straylight	216.00	47	2Bet CMa	1.9760	28000.	432	3569	No
158	GOM_NL__2PRFIN20021105_101053_000000502011_00008_03569_9460.N1	05-NOV-2002 10:10:53	Straylight	49.500	52	16Bet Cet	2.0370	4500.0	99	3569	No
159	GOM_NL__2PRFIN20021105_112827_000000562011_00009_03570_9454.N1	05-NOV-2002 11:28:27	Dark	55.500	34	Gam2Vel	1.7930	23000.	111	3570	No
160	GOM_NL__2PRFIN20021105_113344_000000582011_00009_03570_9455.N1	05-NOV-2002 11:33:44	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	3570	No

161	GOM_NL__2PRFIN20021105_113607_000000972011_00009_03570_9456.N1	05-NOV-2002 11:36:07	Dark	96.500	23	21Eps CMa	1.5020	26000.	193	3570	No
162	GOM_NL__2PRFIN20021105_114007_000000522011_00009_03570_9457.N1	05-NOV-2002 11:40:07	Dark	52.000	9	Alp Eri	0.45300	24000.	104	3570	No
163	GOM_NL__2PRFIN20021105_114334_000000492011_00009_03570_9458.N1	05-NOV-2002 11:43:34	Straylight	48.500	157	The1Eri	2.9060	9300.0	97	3570	No
164	GOM_NL__2PRFIN20021105_114649_000002152011_00009_03570_9459.N1	05-NOV-2002 11:46:49	Straylight	215.00	47	2Bet CMa	1.9760	28000.	430	3570	No
165	GOM_NL__2PRFIN20021105_115130_000000512011_00009_03570_9460.N1	05-NOV-2002 11:51:30	Straylight	50.500	52	16Bet Cet	2.0370	4500.0	101	3570	No
166	GOM_NL__2PRFIN20021105_163017_000000562011_00012_03573_9474.N1	05-NOV-2002 16:30:17	Dark	56.000	34	Gam2Vel	1.7930	23000.	112	3573	No
167	GOM_NL__2PRFIN20021105_163533_000000592011_00012_03573_9475.N1	05-NOV-2002 16:35:33	Dark	58.500	2	Alp Car	-0.73600	7000.0	117	3573	No
168	GOM_NL__2PRFIN20021105_163800_000001032011_00012_03573_9476.N1	05-NOV-2002 16:38:00	Dark	102.50	23	21Eps CMa	1.5020	26000.	205	3573	No
169	GOM_NL__2PRFIN20021105_164156_000000512011_00012_03573_9477.N1	05-NOV-2002 16:41:56	Dark	50.500	9	Alp Eri	0.45300	24000.	101	3573	No
170	GOM_NL__2PRFIN20021105_164522_000000482011_00012_03573_9478.N1	05-NOV-2002 16:45:22	Straylight	48.000	157	The1Eri	2.9060	9300.0	96	3573	No
171	GOM_NL__2PRFIN20021105_181053_000000572011_00013_03574_9474.N1	05-NOV-2002 18:10:53	Dark	57.000	34	Gam2Vel	1.7930	23000.	114	3574	No
172	GOM_NL__2PRFIN20021105_181610_000000592011_00013_03574_9475.N1	05-NOV-2002 18:16:10	Dark	59.000	2	Alp Car	-0.73600	7000.0	118	3574	No
173	GOM_NL__2PRFIN20021105_181837_000000992011_00013_03574_9476.N1	05-NOV-2002 18:18:37	Dark	99.000	23	21Eps CMa	1.5020	26000.	198	3574	No
174	GOM_NL__2PRFIN20021105_182232_000000502011_00013_03574_9477.N1	05-NOV-2002 18:22:32	Dark	50.000	9	Alp Eri	0.45300	24000.	100	3574	No
175	GOM_NL__2PRFIN20021105_182559_000000492011_00013_03574_9478.N1	05-NOV-2002 18:25:59	Straylight	48.500	157	The1Eri	2.9060	9300.0	97	3574	No
176	GOM_NL__2PRFIN20021105_194932_000000482011_00014_03575_9474.N1	05-NOV-2002 19:49:32	Dark	47.500	71	Iot Car	2.2460	7700.0	95	3575	No
177	GOM_NL__2PRFIN20021105_195646_000000602011_00014_03575_9475.N1	05-NOV-2002 19:56:46	Dark	60.000	2	Alp Car	-0.73600	7000.0	120	3575	No
178	GOM_NL__2PRFIN20021105_195915_000001112011_00014_03575_9476.N1	05-NOV-2002 19:59:15	Dark	111.00	23	21Eps CMa	1.5020	26000.	222	3575	No
179	GOM_NL__2PRFIN20021105_200307_000000472011_00014_03575_9477.N1	05-NOV-2002 20:03:07	Dark	47.000	9	Alp Eri	0.45300	24000.	94	3575	No
180	GOM_NL__2PRFIN20021105_200635_000000502011_00014_03575_9478.N1	05-NOV-2002 20:06:35	Straylight	49.500	157	The1Eri	2.9060	9300.0	99	3575	No
181	GOM_NL__2PRFIN20021105_213008_000000482011_00015_03576_9474.N1	05-NOV-2002 21:30:08	Dark	47.500	71	Iot Car	2.2460	7700.0	95	3576	No
182	GOM_NL__2PRFIN20021105_213722_000000662011_00015_03576_9475.N1	05-NOV-2002 21:37:22	Dark	65.500	2	Alp Car	-0.73600	7000.0	131	3576	No
183	GOM_NL__2PRFIN20021105_213953_000000962011_00015_03576_9476.N1	05-NOV-2002 21:39:53	Dark	96.000	23	21Eps CMa	1.5020	26000.	192	3576	No
184	GOM_NL__2PRFIN20021105_214711_000000492011_00015_03576_1320.N1	05-NOV-2002 21:47:11	Dark	49.000	157	The1Eri	2.9060	9300.0	98	3576	Yes
185	GOM_NL__2PRFIN20021105_215029_000002152011_00015_03576_1321.N1	05-NOV-2002 21:50:29	Straylight	215.00	47	2Bet CMa	1.9760	28000.	430	3576	No
186	GOM_NL__2PRFIN20021105_215500_000000732011_00015_03576_1322.N1	05-NOV-2002 21:55:00	Straylight	73.000	165	34Gam Eri	2.9500	3200.0	146	3576	No
187	GOM_NL__2PRFIN20021105_215903_000001722011_00015_03576_1323.N1	05-NOV-2002 21:59:03	Bright	171.50	7	19Bet Ori	0.10000	14000.	343	3576	No
188	GOM_NL__2PRFIN20021105_220534_000000472011_00015_03576_1324.N1	05-NOV-2002 22:05:34	Bright	47.000	105	6Bet Ari	2.6450	8900.0	94	3576	No
189	GOM_NL__2PRFIN20021105_220833_000000452011_00015_03576_1325.N1	05-NOV-2002 22:08:33	Bright	44.500	58	21Alp And	2.0730	11000.	89	3576	No
190	GOM_NL__2PRFIN20021105_221153_000000472011_00015_03576_1326.N1	05-NOV-2002 22:11:53	Bright	46.500	73	57Gam1And	2.2600	13100.	93	3576	No
191	GOM_NL__2PRFIN20021105_221539_000000452011_00015_03576_1327.N1	05-NOV-2002 22:15:39	Bright	45.000	68	18Alp Cas	2.2250	4500.0	90	3576	No
192	GOM_NL__2PRFIN20021105_221735_000000902011_00015_03576_1328.N1	05-NOV-2002 22:17:35	Bright	90.000	114	3Iot Aur	2.6930	4600.0	180	3576	No
193	GOM_NL__2PRFIN20021105_222109_000000752011_00015_03576_1329.N1	05-NOV-2002 22:21:09	Bright	75.000	6	13Alp Aur	0.080000	3400.0	150	3576	No
194	GOM_NL__2PRFIN20021105_222452_000000432011_00015_03576_1330.N1	05-NOV-2002 22:24:52	Bright	42.500	49	1Alp UMi	1.9900	6300.0	85	3576	No
195	GOM_NL__2PRFIN20021105_222853_000000442011_00015_03576_1331.N1	05-NOV-2002 22:28:53	Bright	43.500	60	7Bet UMi	2.0810	3950.0	87	3576	No
196	GOM_NL__2PRFIN20021105_223253_000000502011_00015_03576_1332.N1	05-NOV-2002 22:32:53	Bright	49.500	36	50Alp UMa	1.8000	6300.0	99	3576	No
197	GOM_NL__2PRFIN20021105_223429_000000492011_00015_03576_1333.N1	05-NOV-2002 22:34:29	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	3576	No
198	GOM_NL__2PRFIN20021105_223607_000000432011_00015_03576_1334.N1	05-NOV-2002 22:36:07	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	3576	No
199	GOM_NL__2PRFIN20021105_223817_000000512011_00015_03576_1335.N1	05-NOV-2002 22:38:17	Bright	50.500	174	52Psi UMa	3.0040	4400.0	101	3576	No
200	GOM_NL__2PRFIN20021105_224646_000000762011_00015_03576_1336.N1	05-NOV-2002 22:46:46	Bright	76.000	166	17Eps Leo	2.9800	6000.0	152	3576	No
201	GOM_NL__2PRFIN20021105_225051_000000782011_00015_03576_1337.N1	05-NOV-2002 22:50:51	Twi_and_stray	78.000	22	32Alp Leo	1.3600	15200.	156	3576	No
202	GOM_NL__2PRFIN20021105_230109_000000912011_00015_03576_1338.N1	05-NOV-2002 23:01:09	Dark	90.500	48	30Alp Hya	1.9770	4100.0	181	3576	No
203	GOM_NL__2PRFIN20021105_230358_000000442011_00015_03576_1339.N1	05-NOV-2002 23:03:58	Dark	44.000	64	Gam Cen	2.2000	10600.	88	3576	No
204	GOM_NL__2PRFIN20021105_230615_000000582011_00015_03576_1340.N1	05-NOV-2002 23:06:15	Dark	58.000	26	Gam Cru	1.6240	2900.0	116	3576	No
205	GOM_NL__2PRFIN20021105_230756_000000532011_00015_03576_1341.N1	05-NOV-2002 23:07:56	Dark	52.500	12	Alp1Cru	0.77500	30000.	105	3576	No
206	GOM_NL__2PRFIN20021105_231045_000000522011_00016_03577_1317.N1	05-NOV-2002 23:10:45	Dark	51.500	71	Iot Car	2.2460	7700.0	103	3577	No
207	GOM_NL__2PRFIN20021105_231759_000000702011_00016_03577_1318.N1	05-NOV-2002 23:17:59	Dark	70.000	2	Alp Car	-0.73600	7000.0	140	3577	No
208	GOM_NL__2PRFIN20021105_232030_000001052011_00016_03577_1319.N1	05-NOV-2002 23:20:30	Dark	104.50	23	21Eps CMa	1.5020	26000.	209	3577	No
209	GOM_NL__2PRFIN20021105_232420_000000512011_00016_03577_1320.N1	05-NOV-2002 23:24:20	Dark	50.500	9	Alp Eri	0.45300	24000.	101	3577	No
210	GOM_NL__2PRFIN20021105_232747_000000482011_00016_03577_1321.N1	05-NOV-2002 23:27:47	Straylight	48.000	157	The1Eri	2.9060	9300.0	96	3577	No
211	GOM_NL__2PRFIN20021105_233106_000002152011_00016_03577_1322.N1	05-NOV-2002 23:31:06	Straylight	215.00	47	2Bet CMa	1.9760	28000.	430	3577	No
212	GOM_NL__2PRFIN20021105_233536_000000792011_00016_03577_1323.N1	05-NOV-2002 23:35:36	Straylight	78.500	165	34Gam Eri	2.9500	3200.0	157	3577	No
213	GOM_NL__2PRFIN20021105_233938_000001602011_00016_03577_1324.N1	05-NOV-2002 23:39:38	Bright	160.00	7	19Bet Ori	0.10000	14000.	320	3577	No
214	GOM_NL__2PRFIN20021105_234610_000000462011_00016_03577_1325.N1	05-NOV-2002 23:46:10	Bright	46.000	105	6Bet Ari	2.6450	8900.0	92	3577	No
215	GOM_NL__2PRFIN20021105_234909_000000452011_00016_03577_1326.N1	05-NOV-2002 23:49:09	Bright	45.000	58	21Alp And	2.0730	11000.	90	3577	No
216	GOM_NL__2PRFIN20021105_235229_000000482011_00016_03577_1327.N1	05-NOV-2002 23:52:29	Bright	47.500	73	57Gam1And	2.2600	13100.	95	3577	No
217	GOM_NL__2PRFIN20021105_235615_000000442011_00016_03577_1328.N1	05-NOV-2002 23:56:15	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	3577	No
218	GOM_NL__2PRFIN20021105_235809_000000842011_00016_03577_1329.N1	05-NOV-2002 23:58:09	Bright	84.000	114	3Iot Aur	2.6930	4600.0	168	3577	No

3. Quality information per product

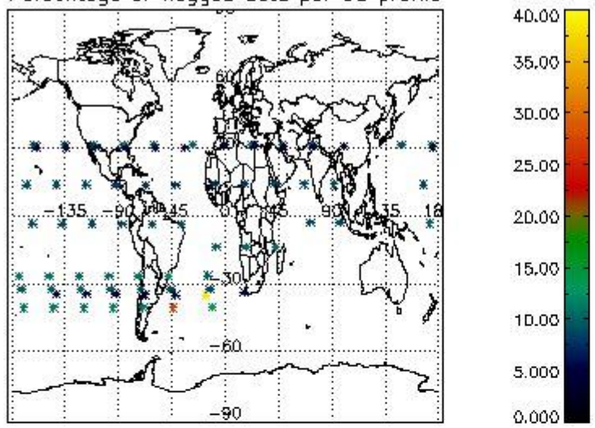
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

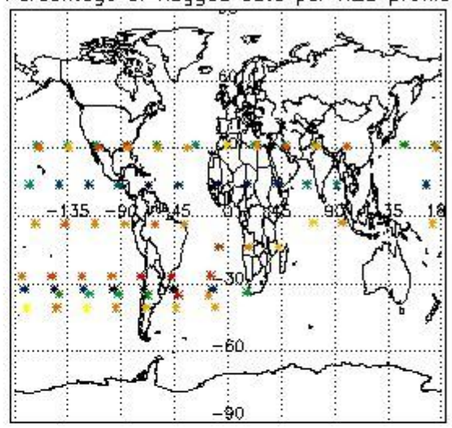


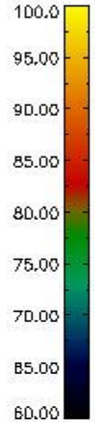
3.2 Plot quality information per product (world map)

Percentage of flagged data per O3 profile

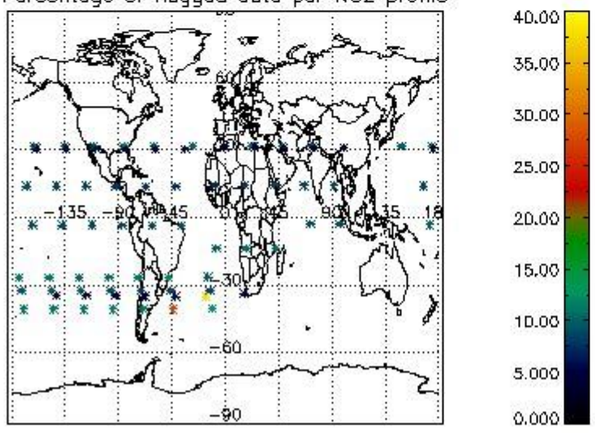


Percentage of flagged data per H2O profile

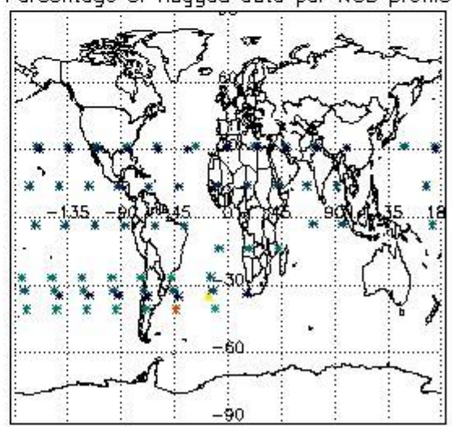


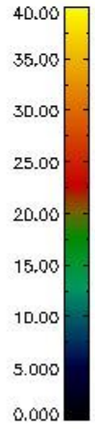


Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



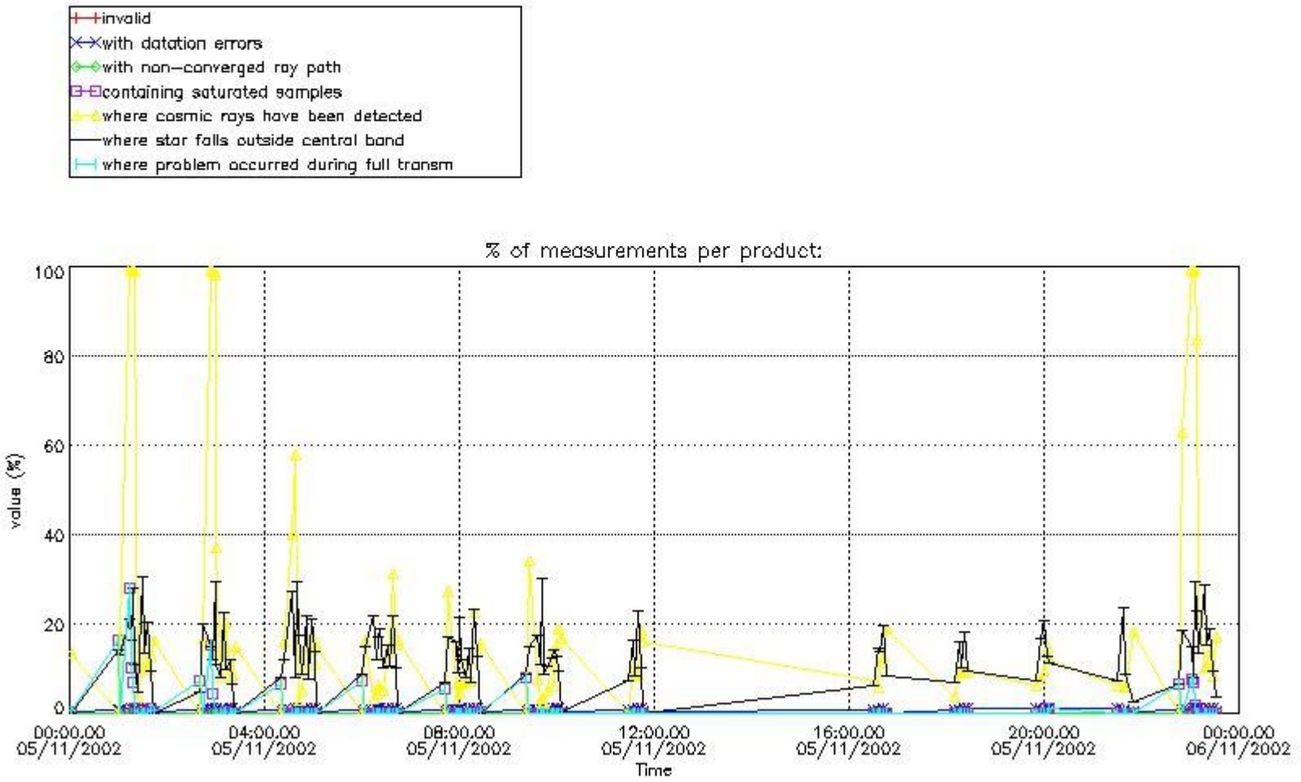


4. Level 1 quality information per product

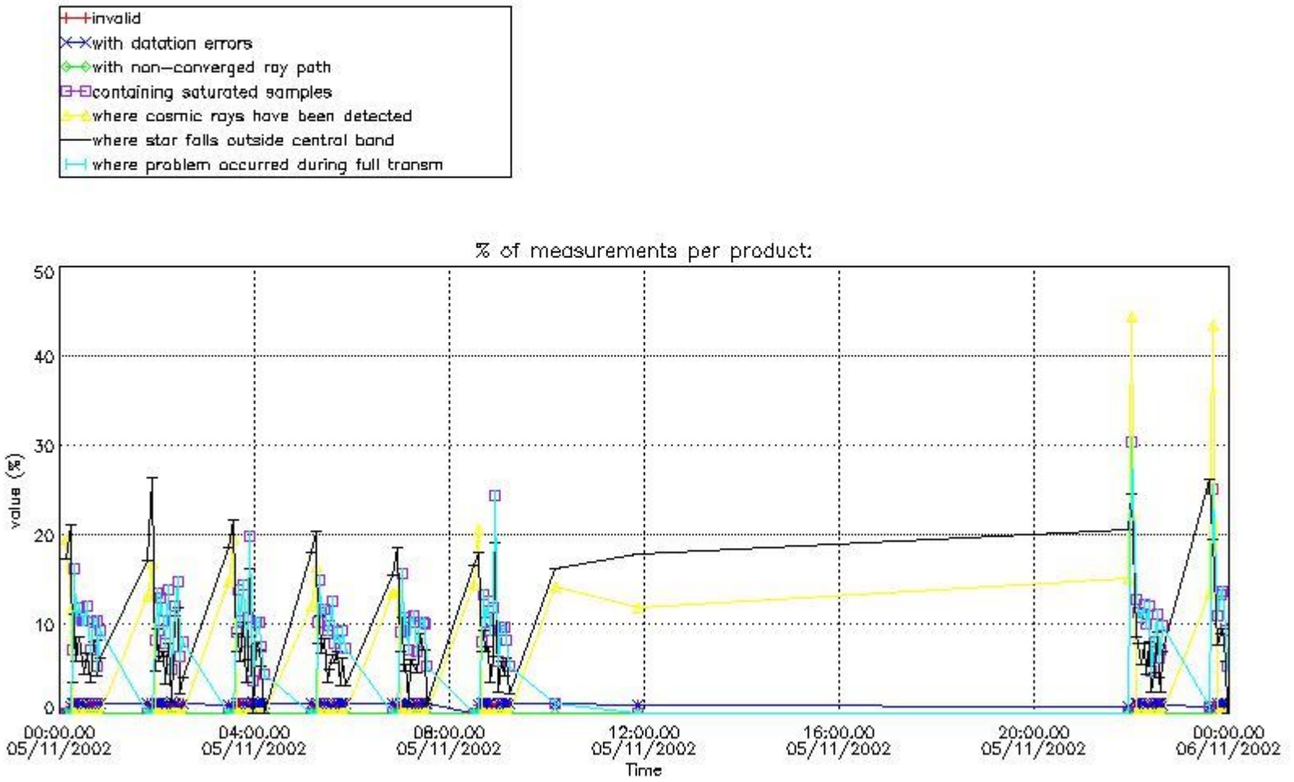
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

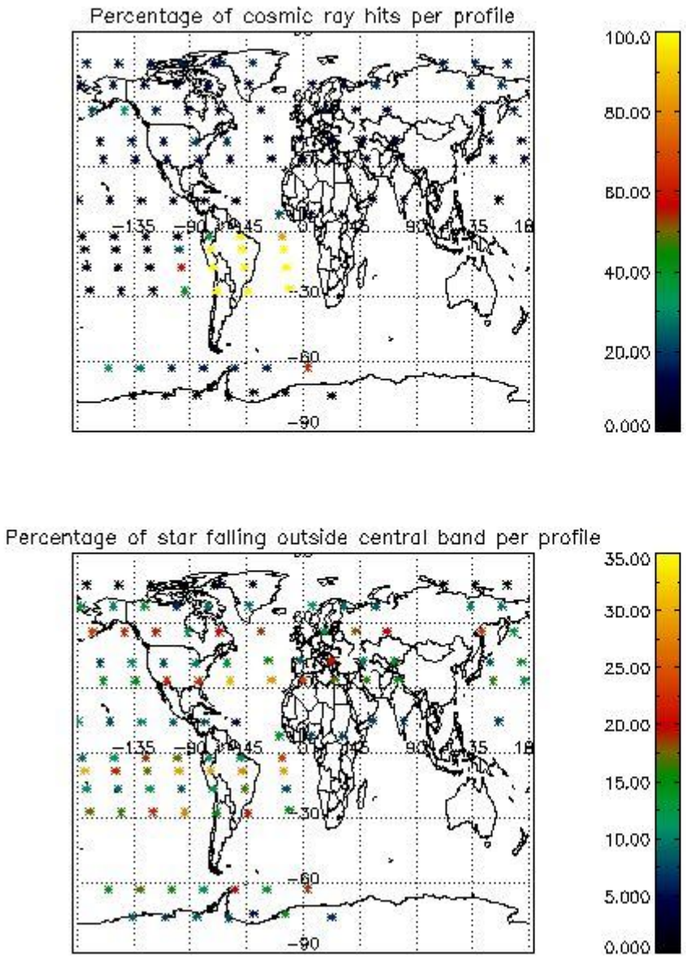


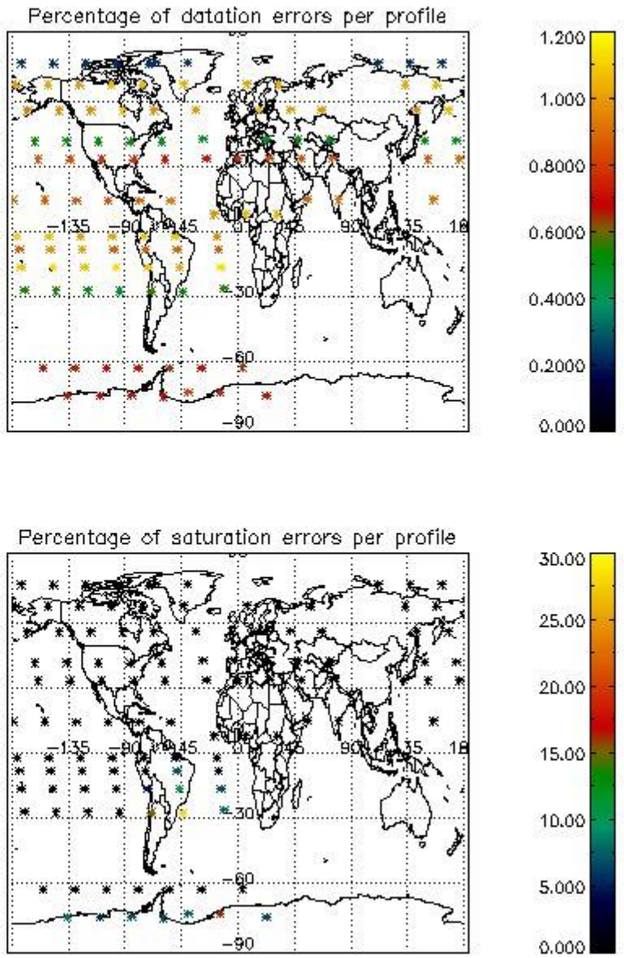
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



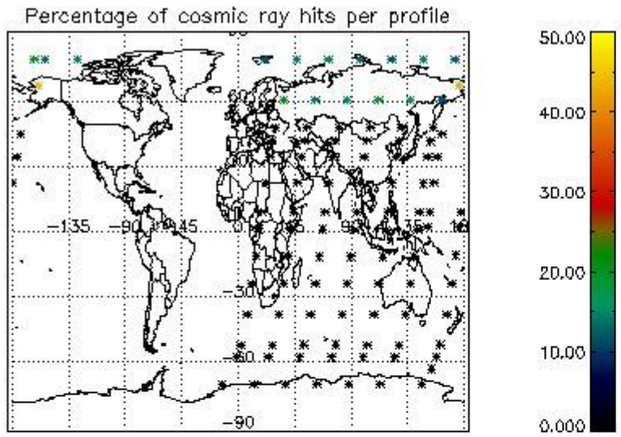
4.2 Plot quality information per product comming from level 1b processing (world map)

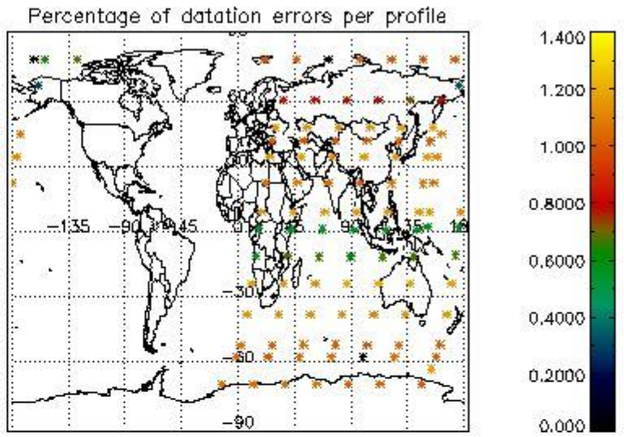
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

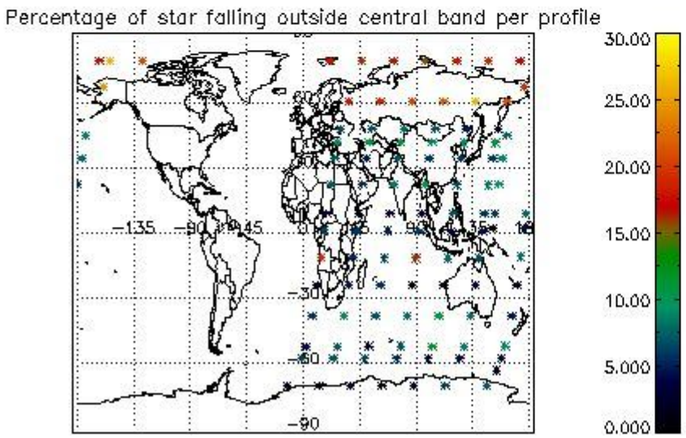


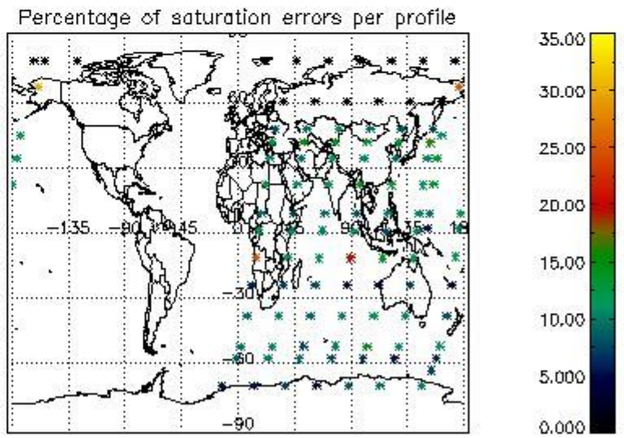


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









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

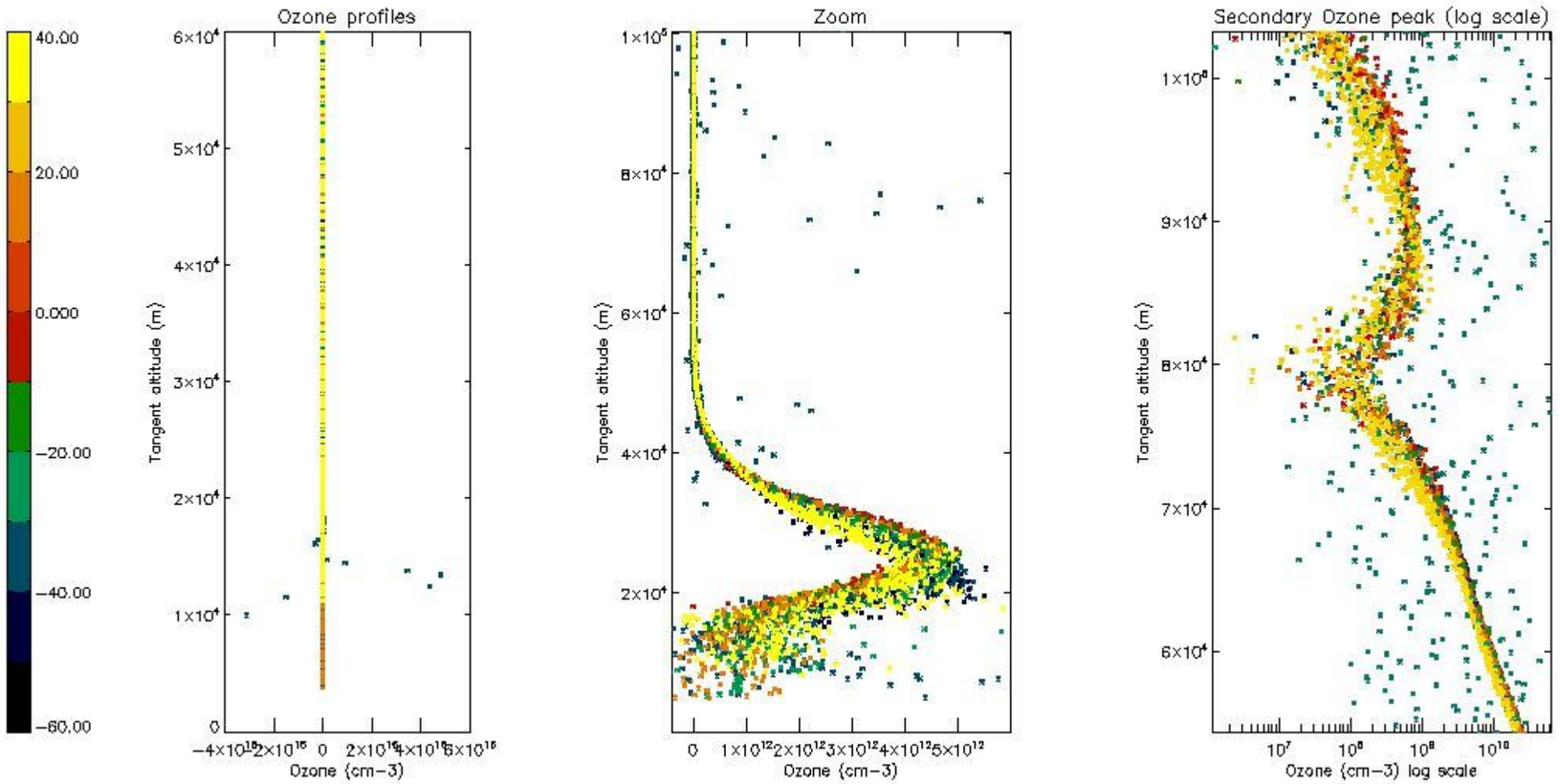
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	19

STD < 10	17
STD < 5	14

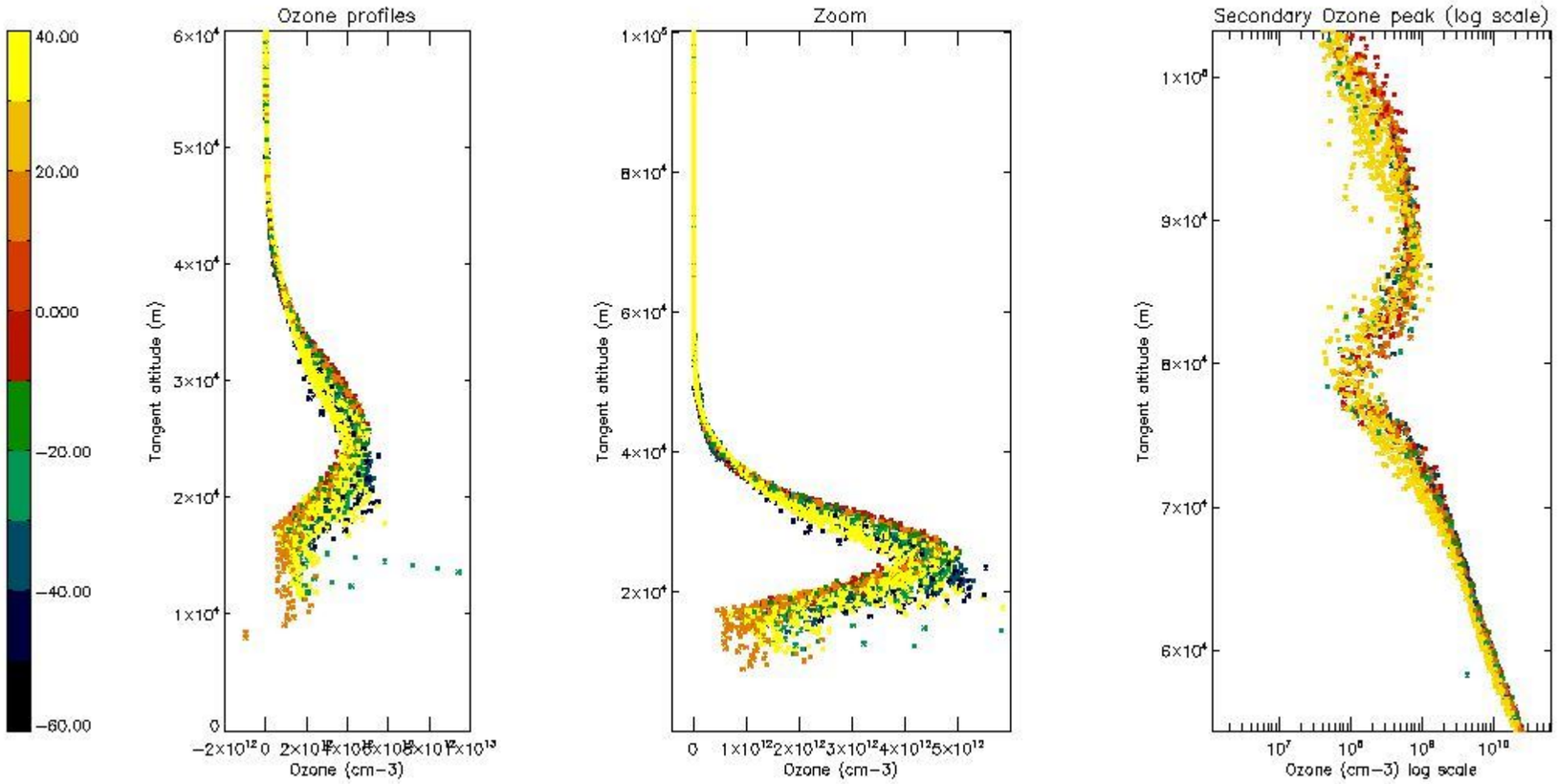
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



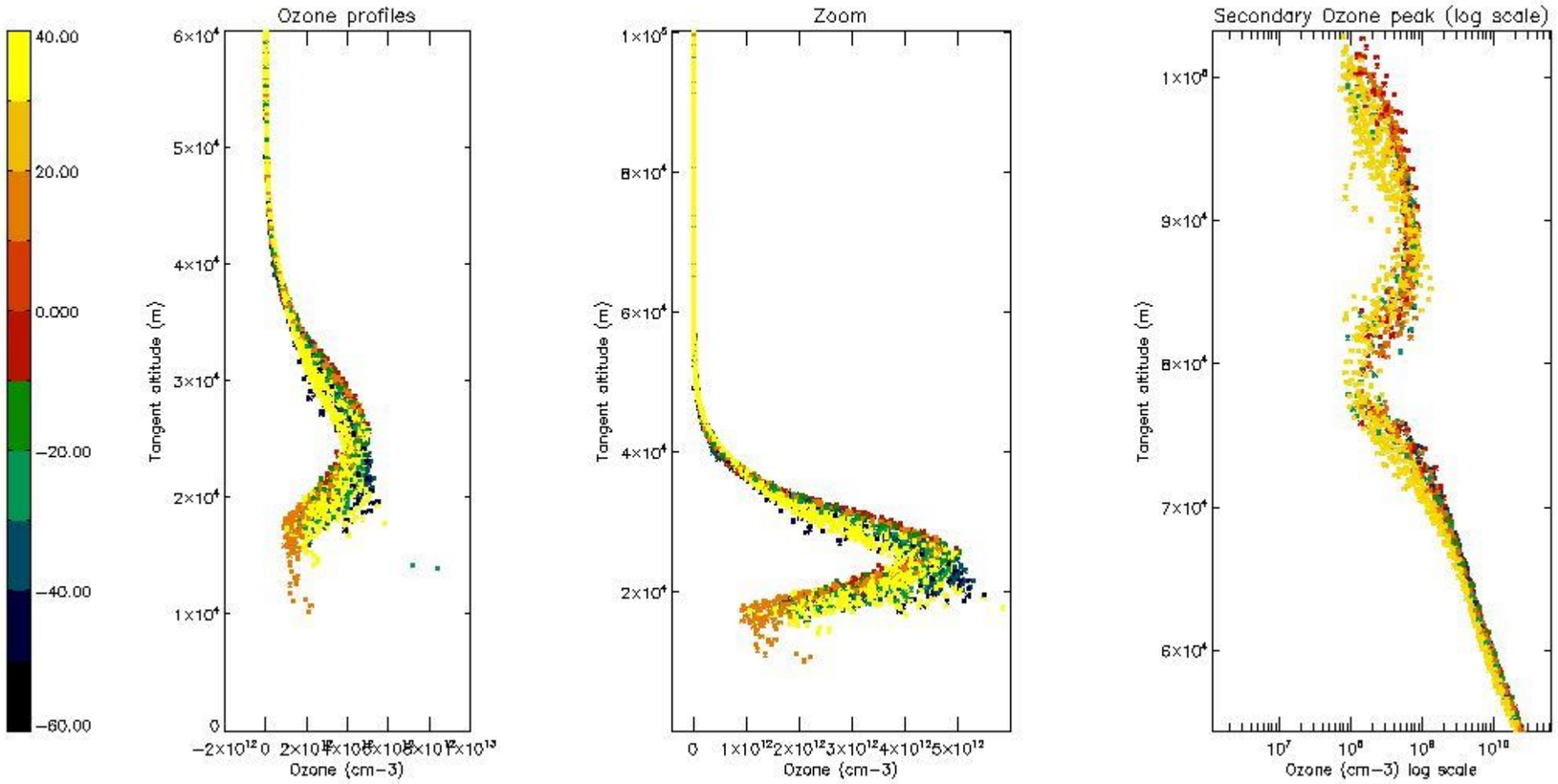
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



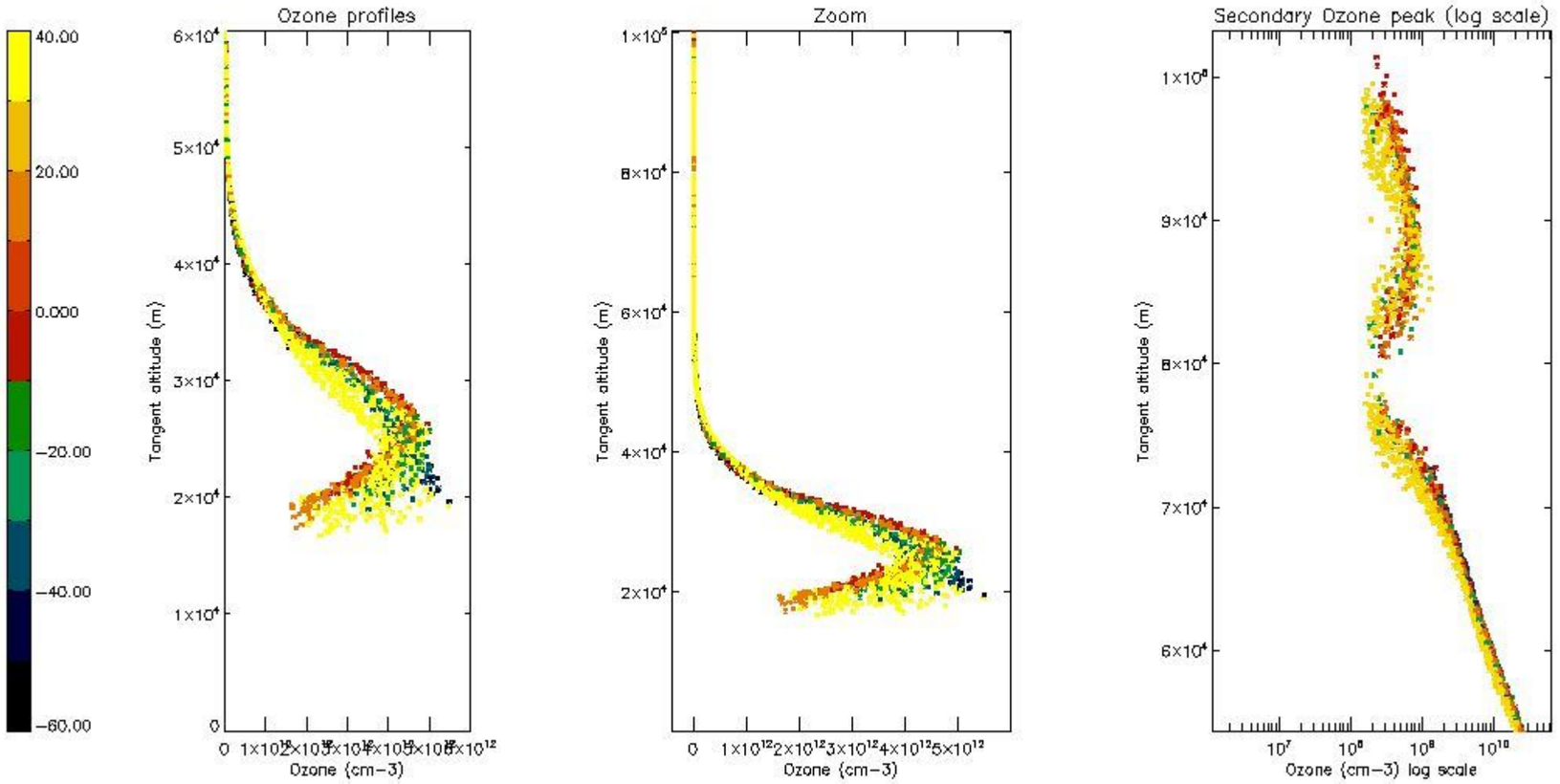
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



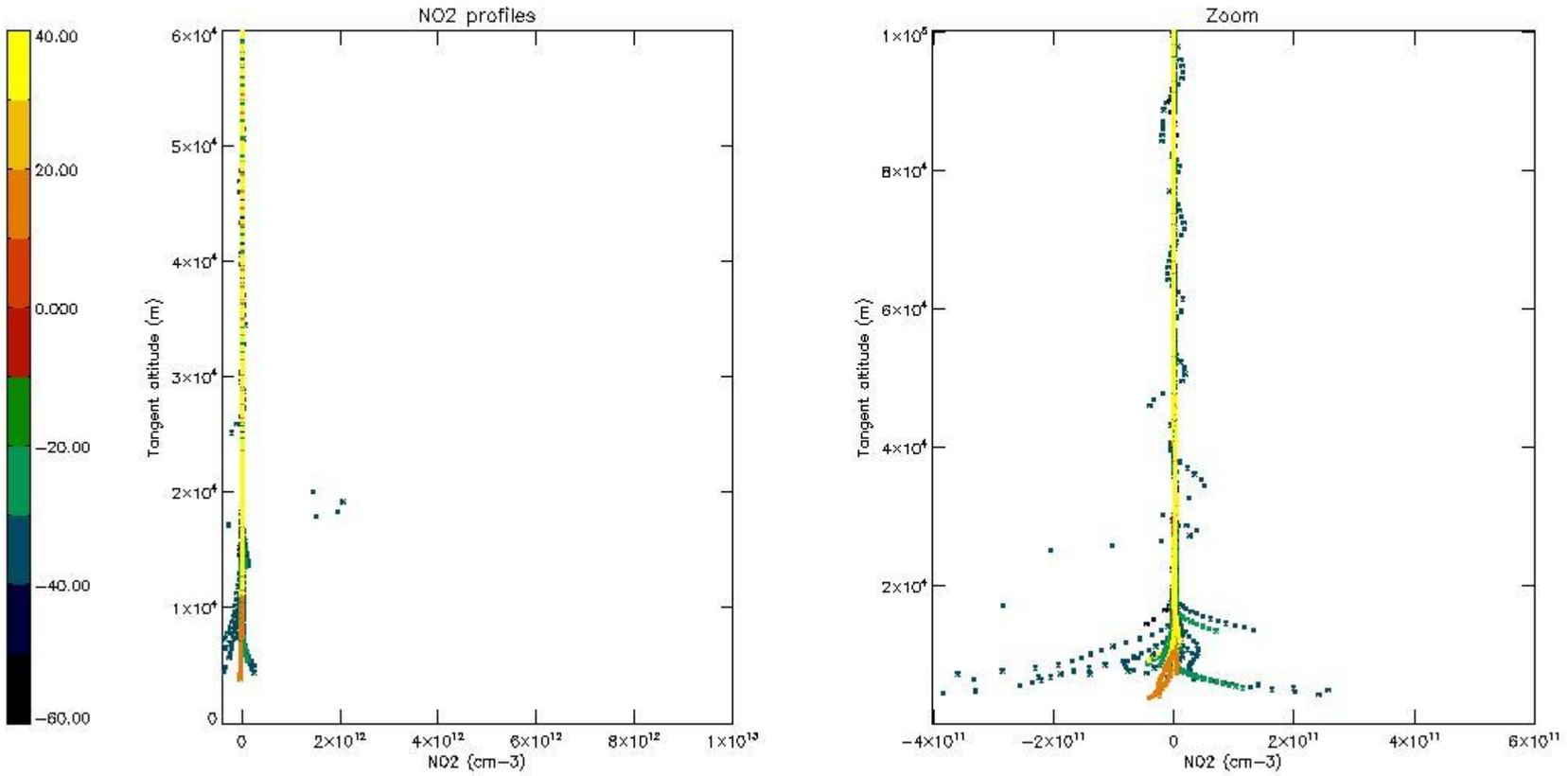
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



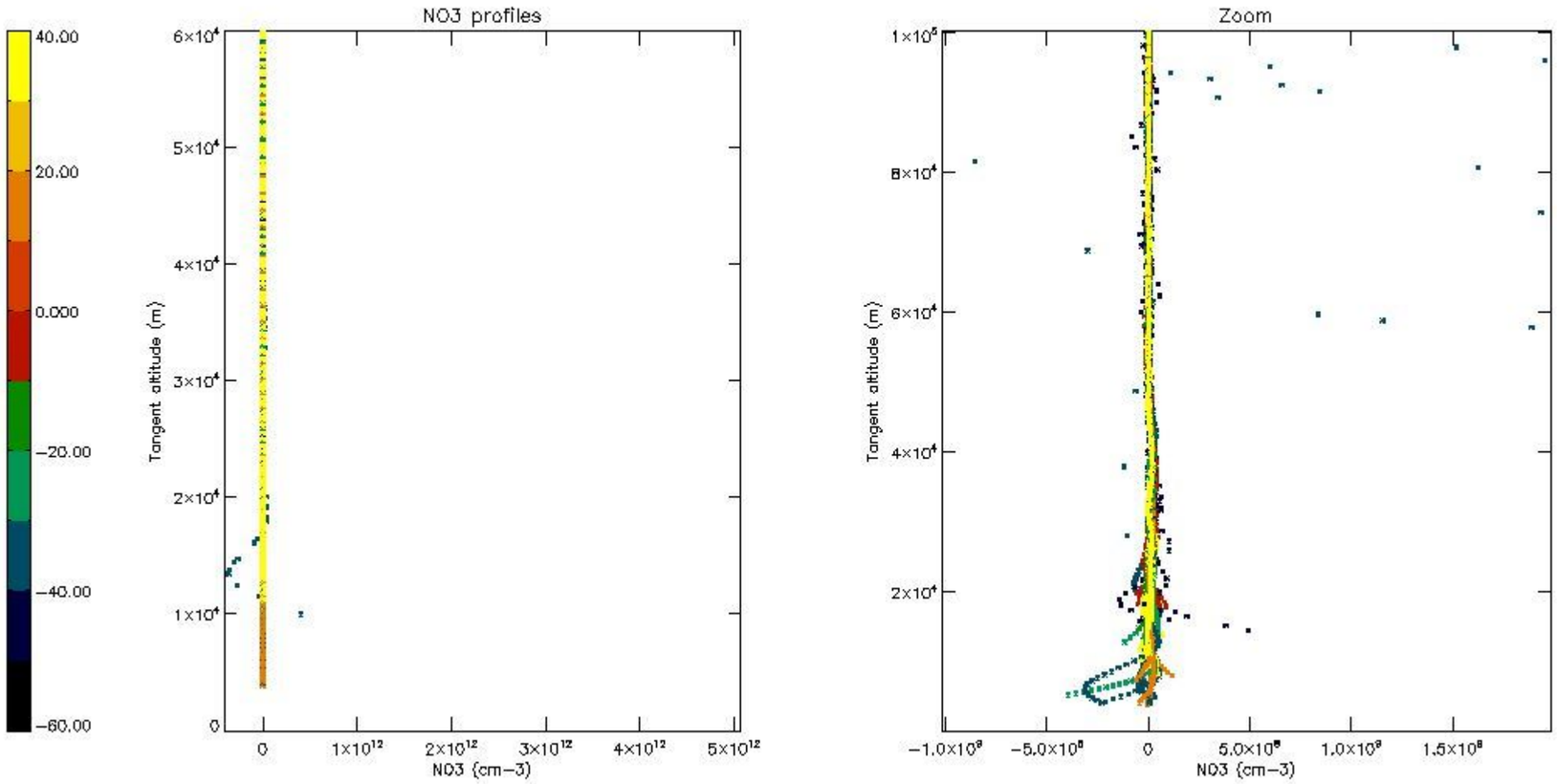
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



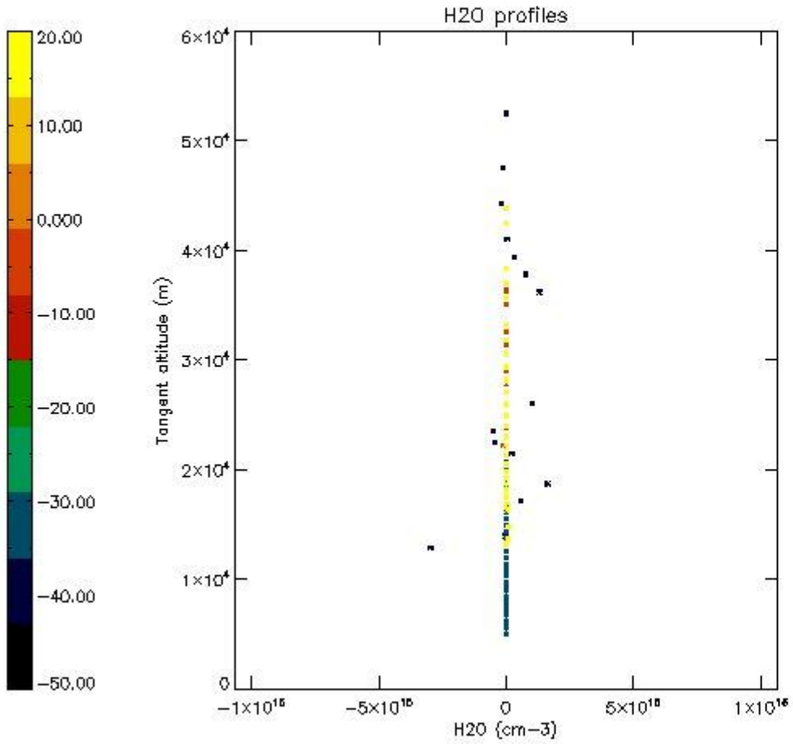
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

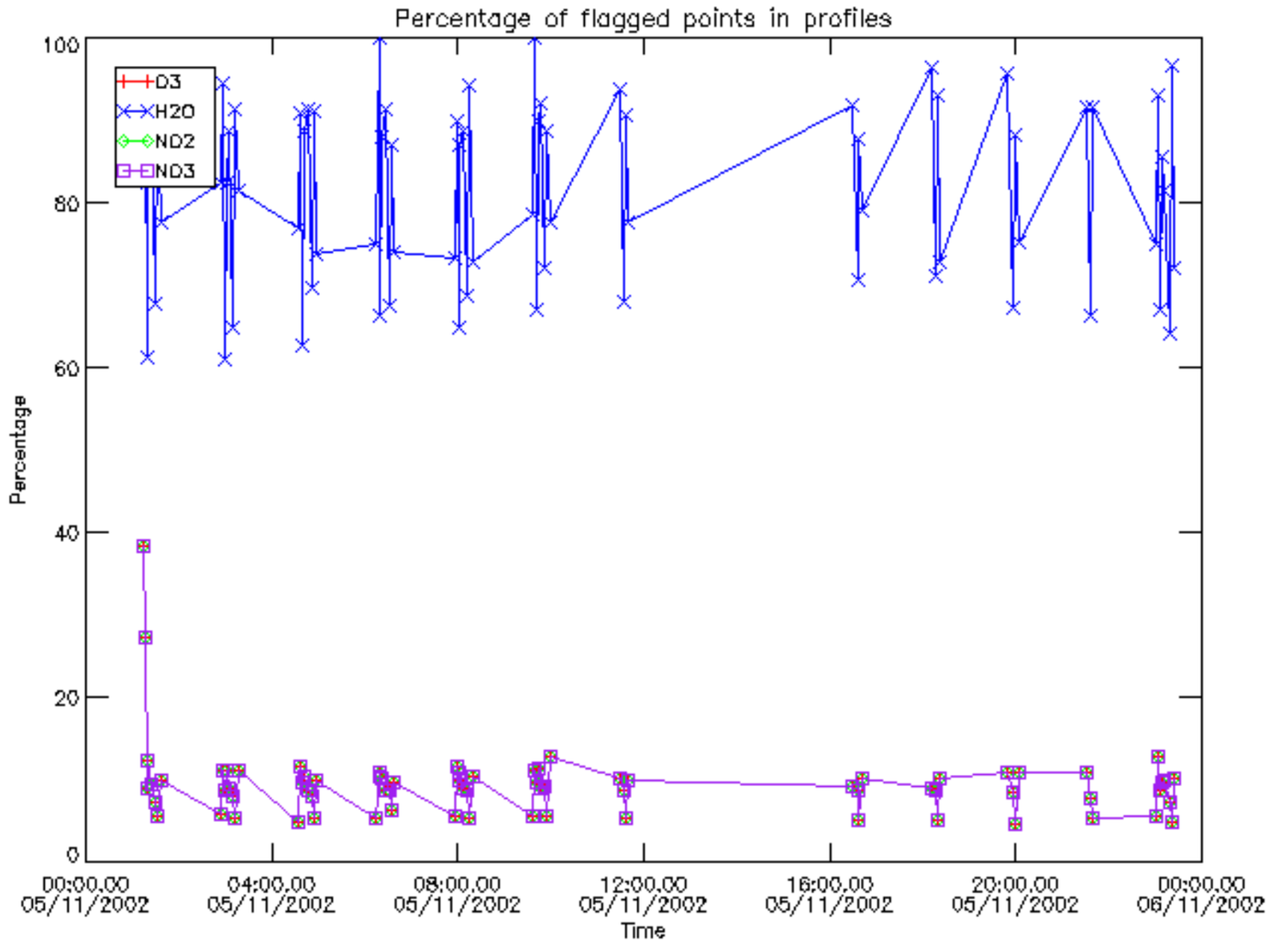
The colorbar represents the latitude.

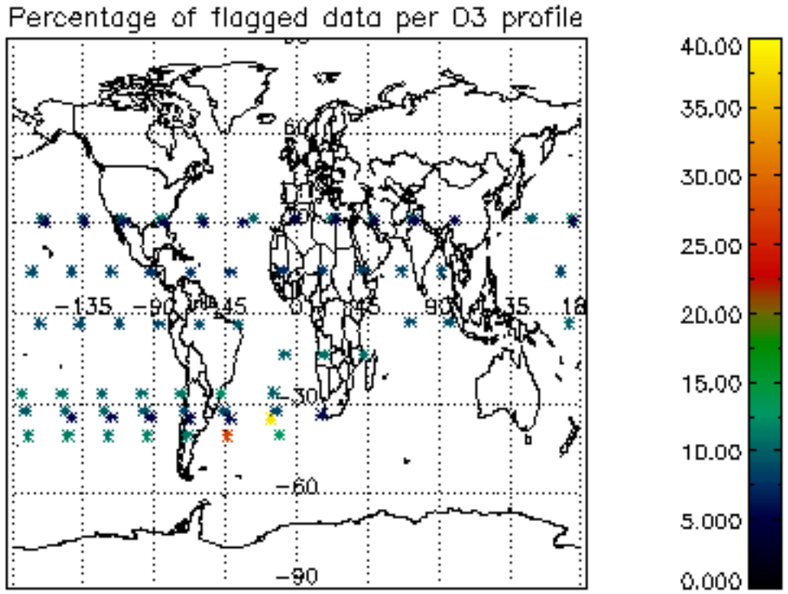


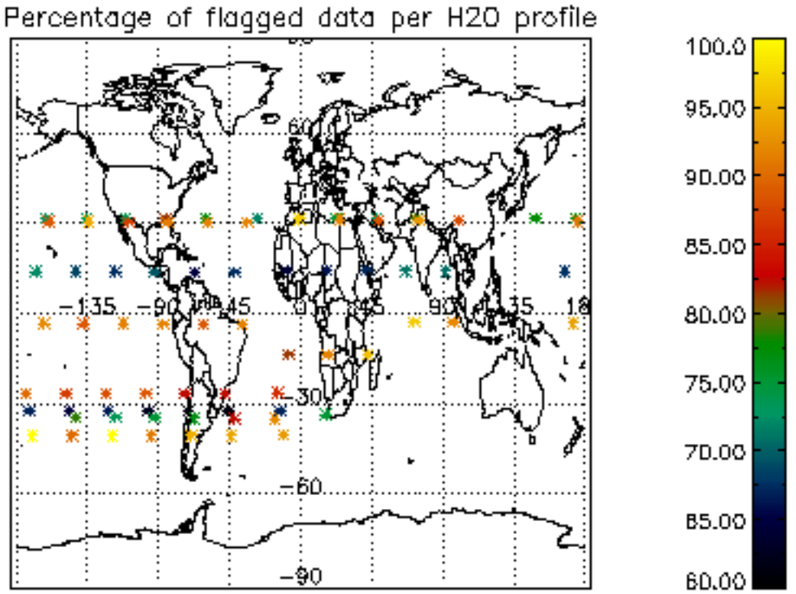
6. Auxiliary Data Files used for the production reported in section 2

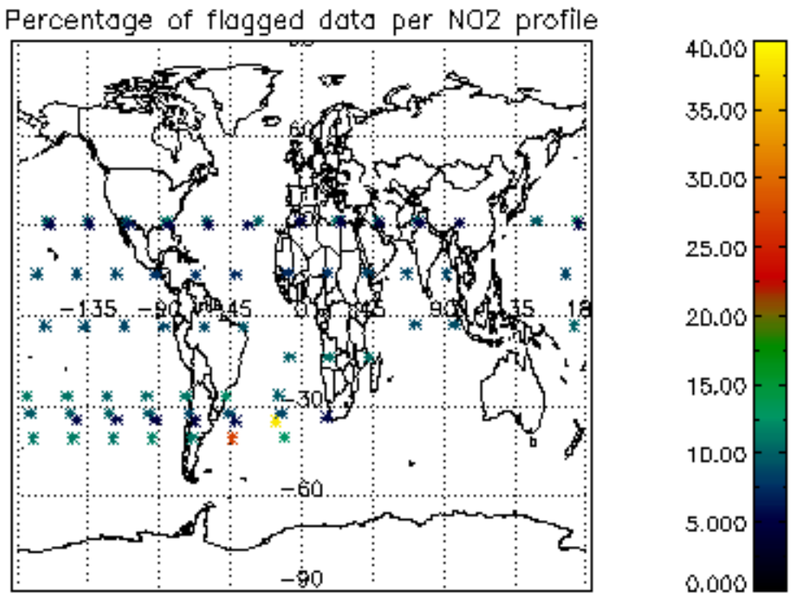
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

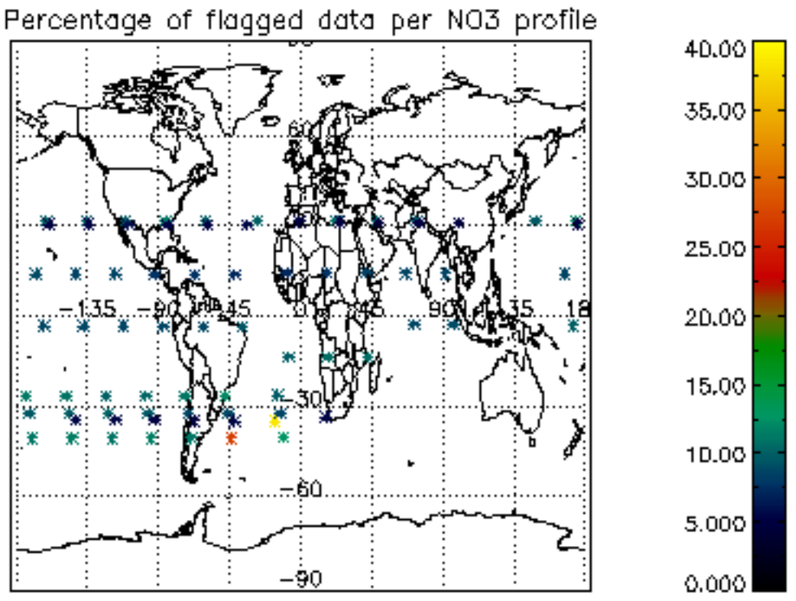
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000	1	05-NOV-2002 00:02:31
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-NOV-2002 00:02:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-NOV-2002 00:02:31

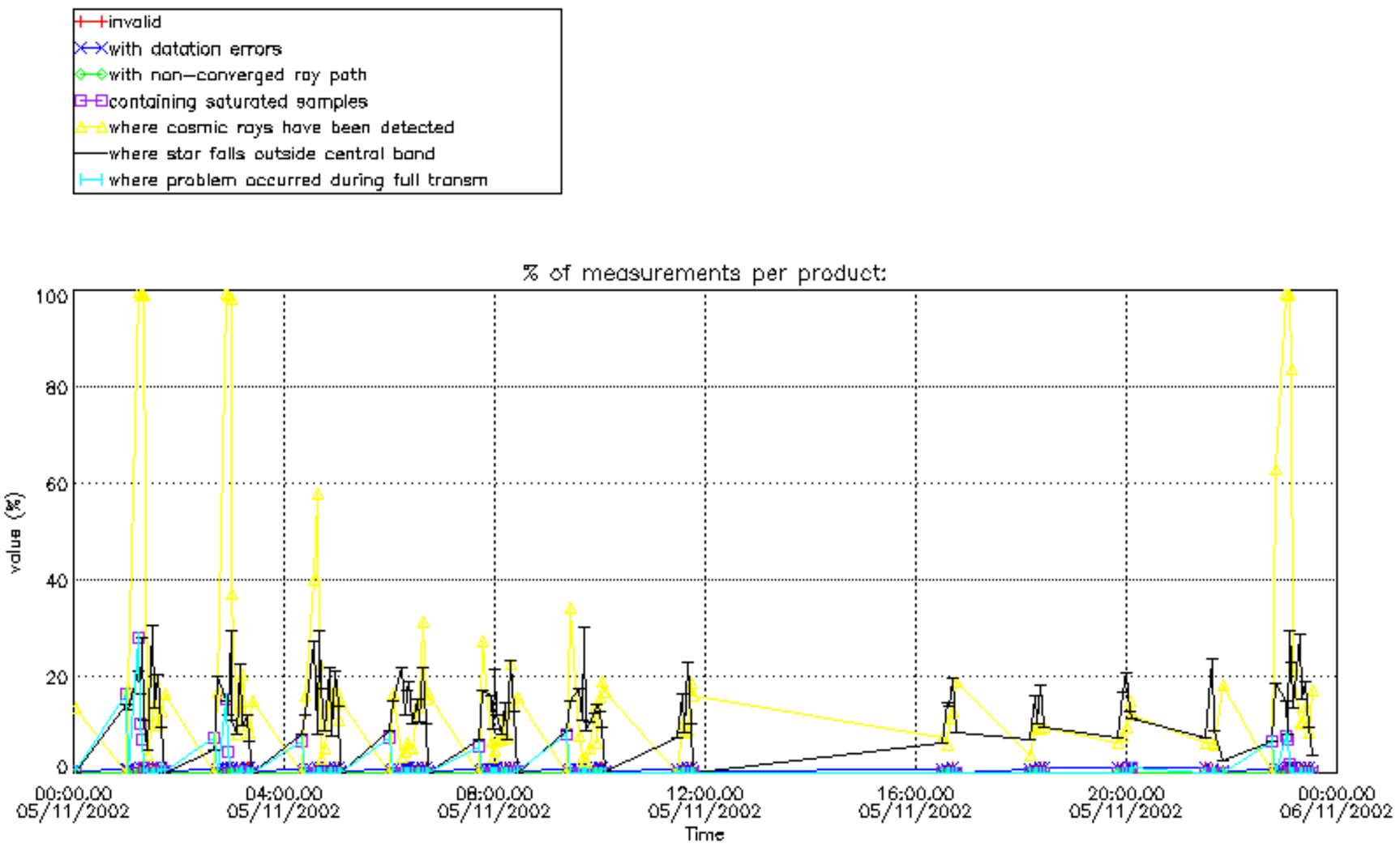

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
05/11/2002
04:00.00
05/11/2002
08:00.00
05/11/2002
12:00.00
05/11/2002
16:00.00
05/11/2002
20:00.00
05/11/2002
00:00.00
06/11/2002
Time

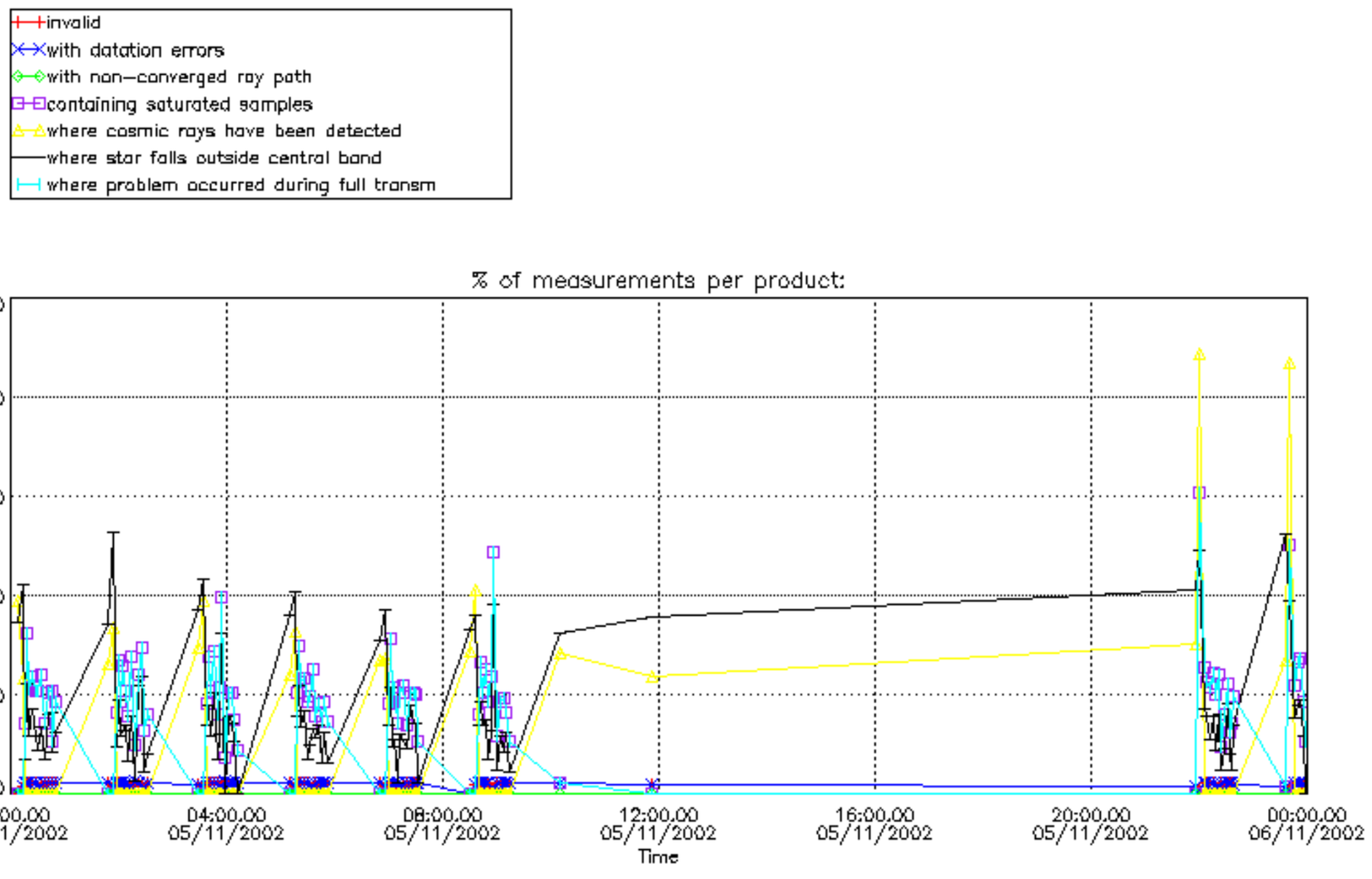

Percentage of flagged data per O3 profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
60
-30
-60
-90
-135
-90
-45
0
45
90
135
180

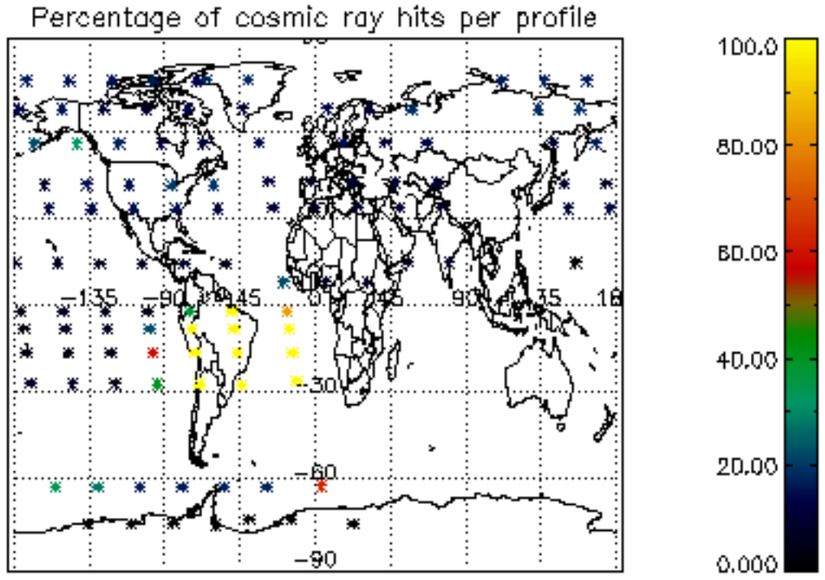

Percentage of flagged data per H2O profile
100.0
95.00
90.00
85.00
80.00
75.00
70.00
65.00
60.00
60
-30
-60
-90
-135
-90
-45
0
45
90
135
180

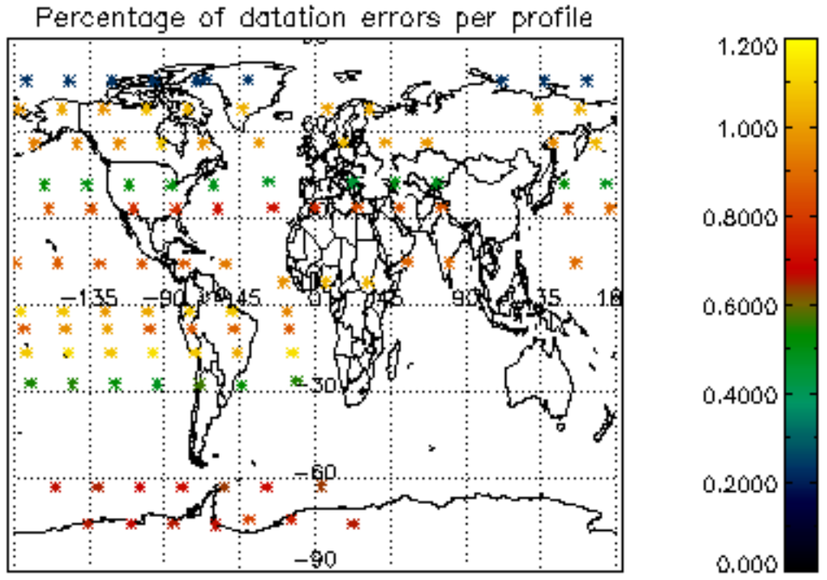

Percentage of flagged data per NO2 profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
60
-30
-60
-90
-135
-90
-45
0
45
90
135
180

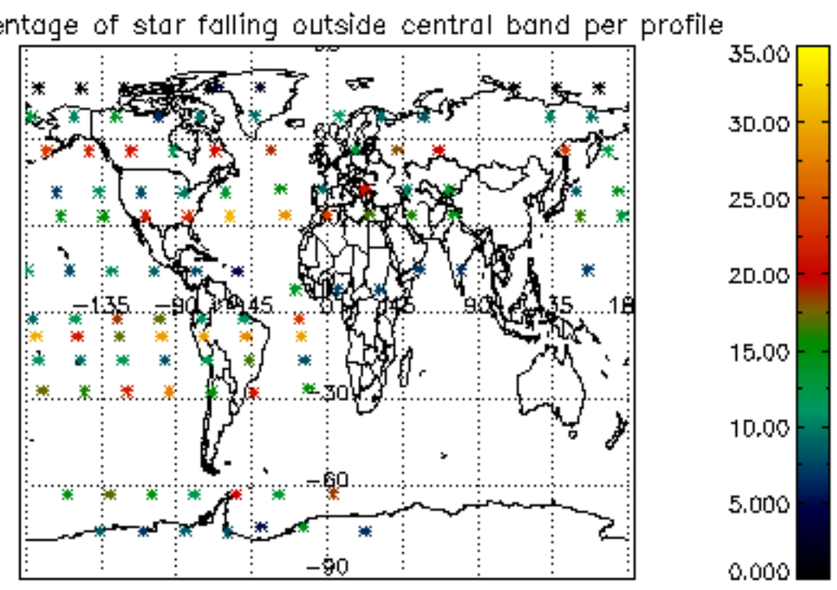

Percentage of flagged data per NO3 profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
60
-30
-60
-90
-135
-90
-45
0
45
90
135
180

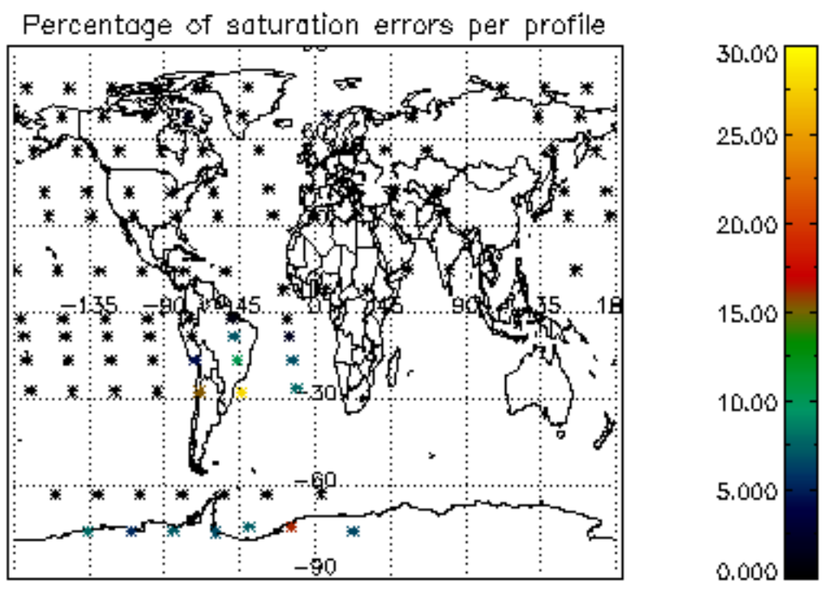

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
05/11/2002
04:00.00
05/11/2002
08:00.00
05/11/2002
12:00.00
05/11/2002
16:00.00
05/11/2002
20:00.00
05/11/2002
00:00.00
06/11/2002
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:
50
40
30
20
10
0
value (%)
00:00.00
05/11/2002
04:00.00
05/11/2002
08:00.00
05/11/2002
12:00.00
05/11/2002
16:00.00
05/11/2002
20:00.00
05/11/2002
00:00.00
06/11/2002
Time

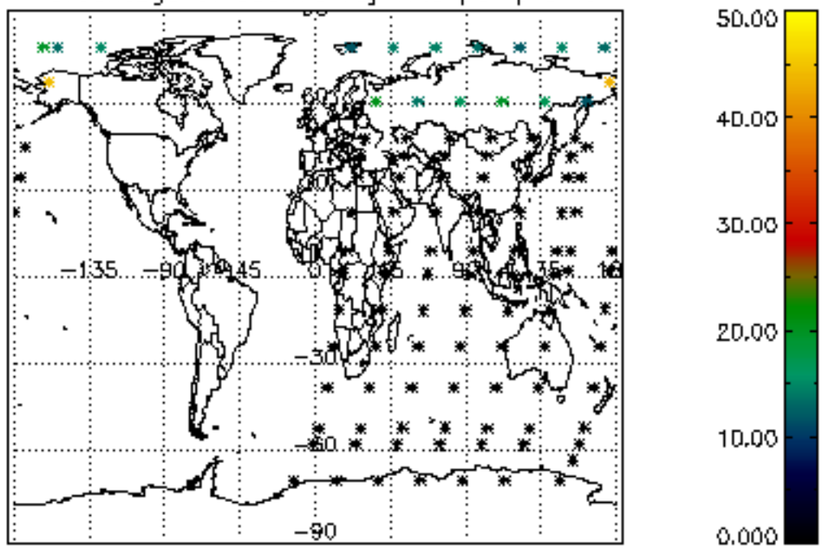

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−30
−60
−90


Percentage of datation errors per profile
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−30
−60
−90

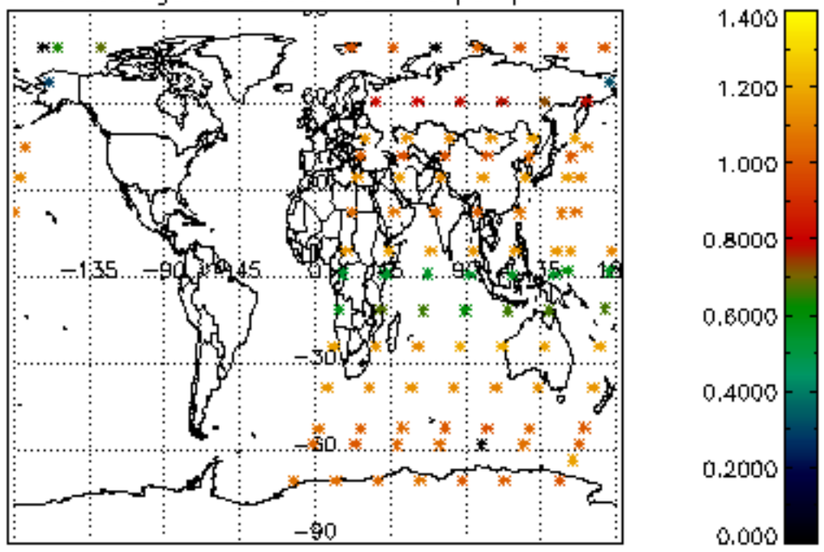

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90


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

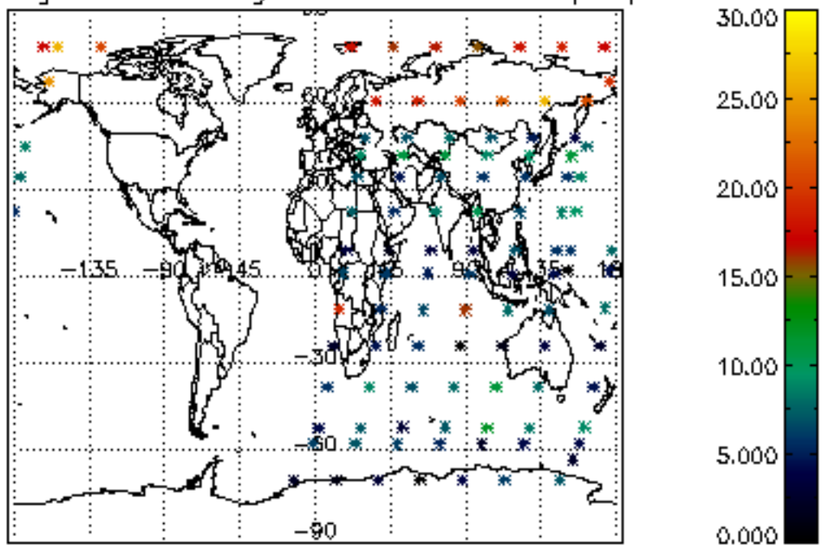
Percentage of cosmic ray hits per profile



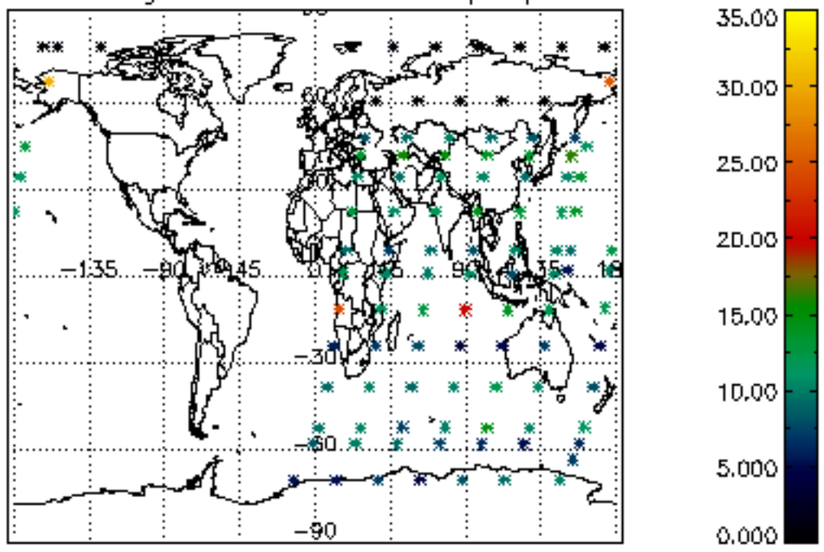
Percentage of datation errors per profile

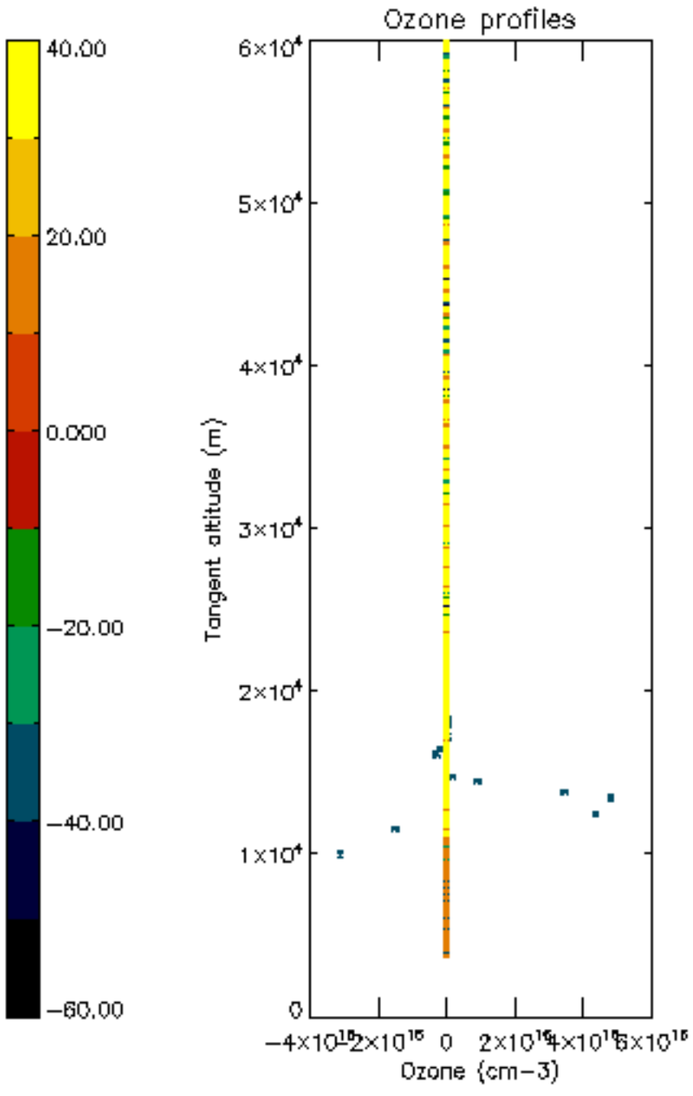


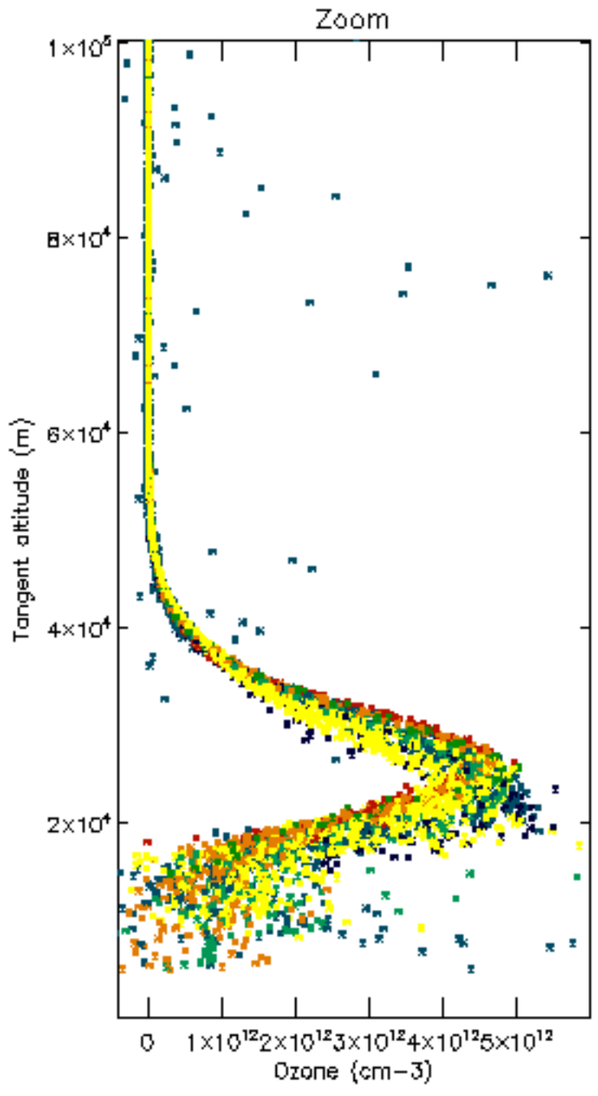
Percentage of star falling outside central band per profile

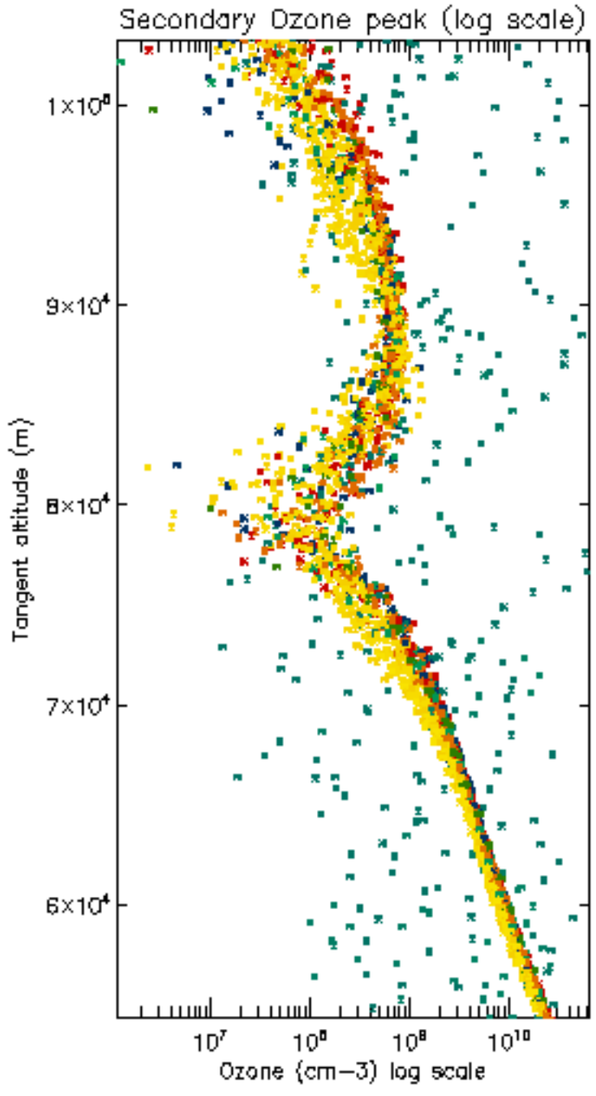


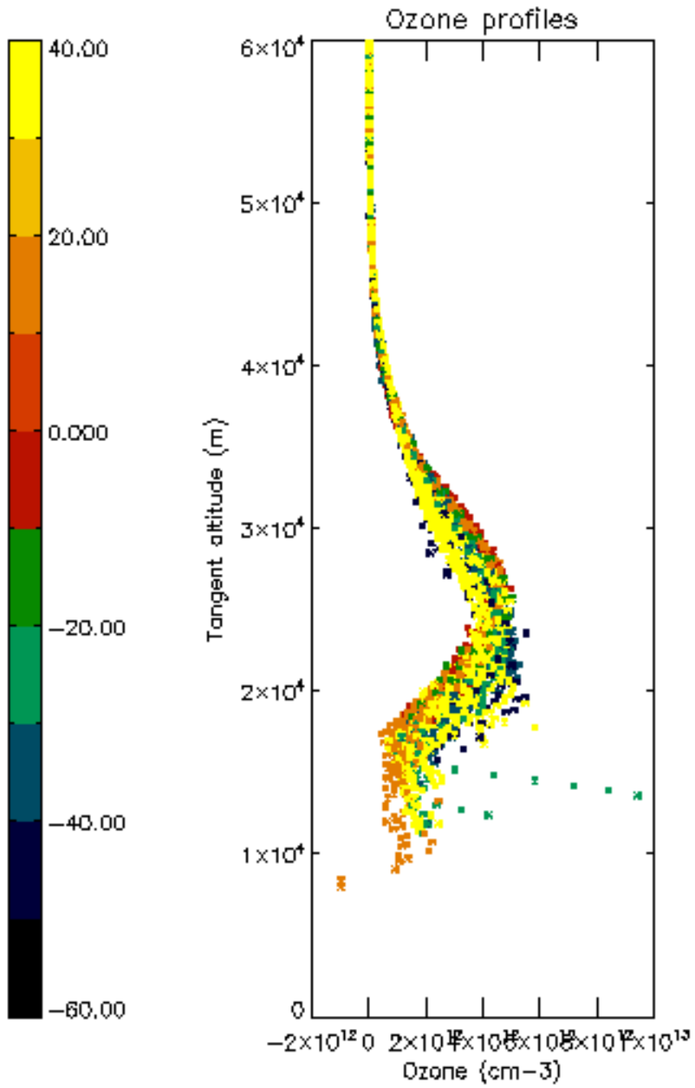
Percentage of saturation errors per profile

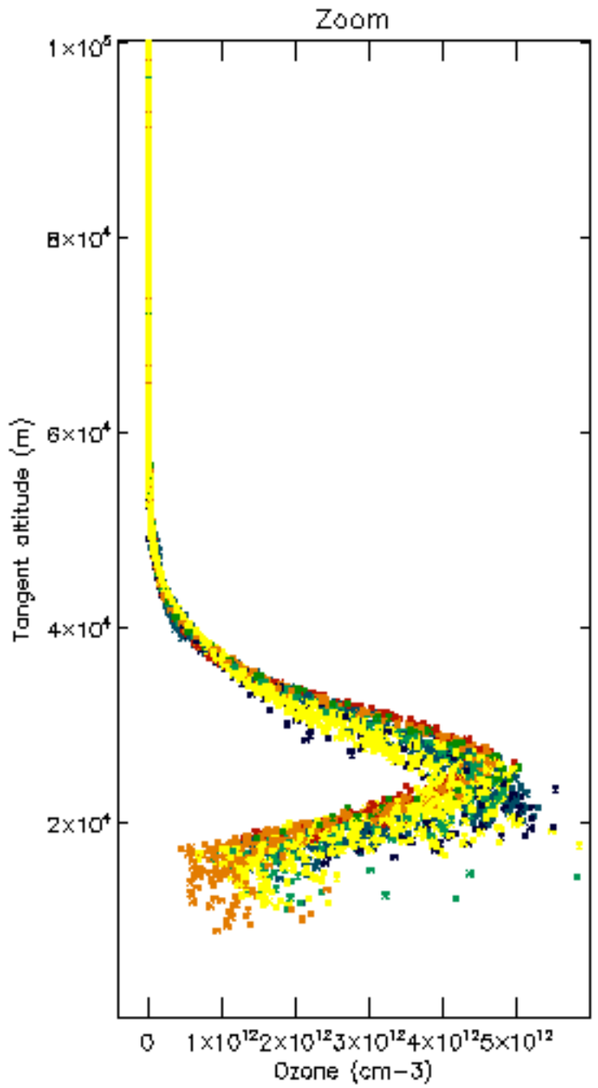


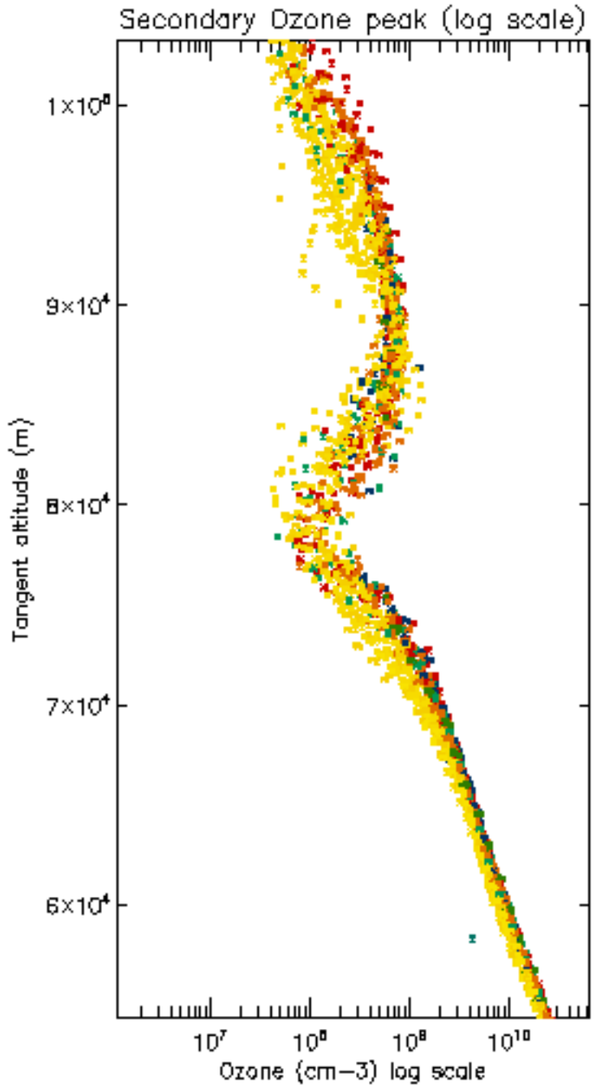

Ozone profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−4×10¹⁵ −2×10¹⁵ 0 2×10¹⁵ 4×10¹⁵ 6×10¹⁵
Ozone (cm−3)

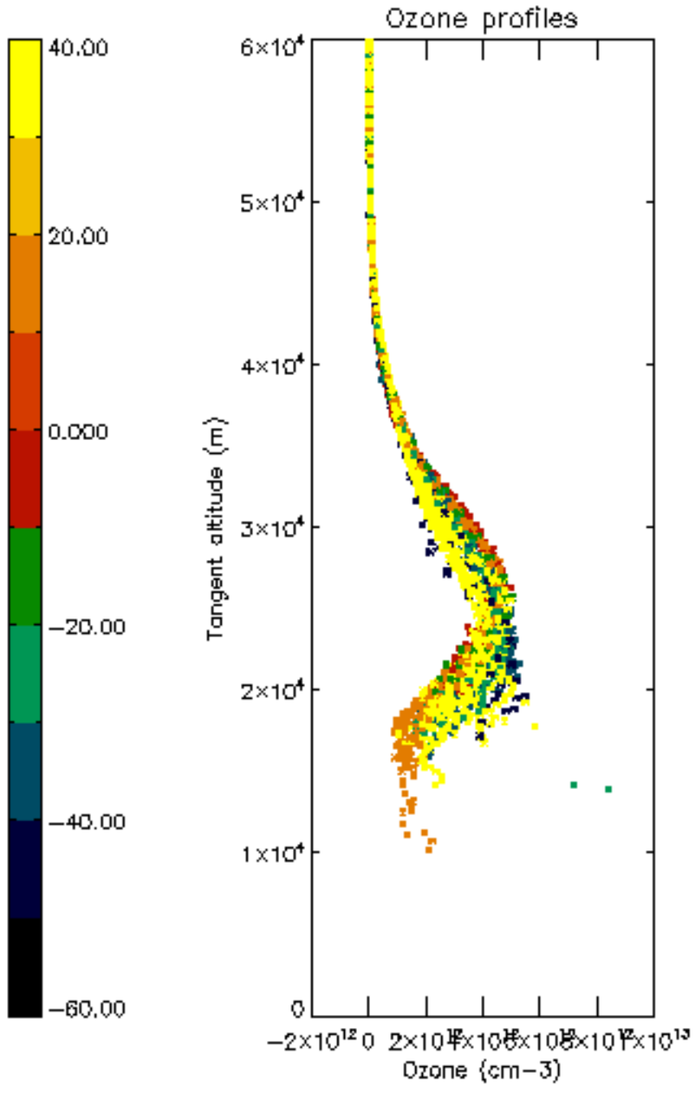

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

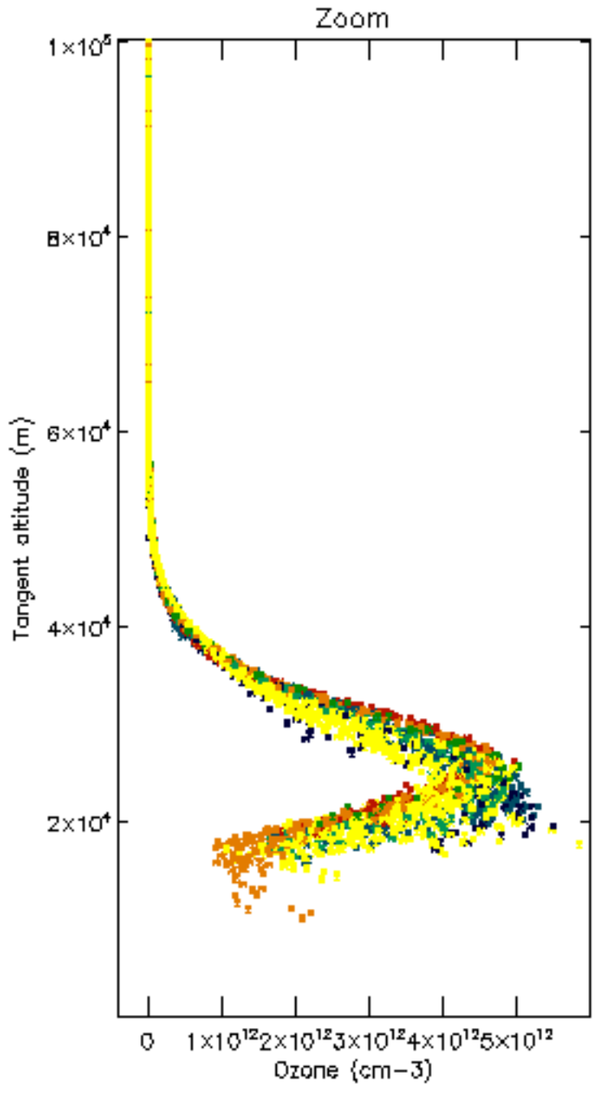

Secondary Ozone peak (log scale)
Tangent altitude (m)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale

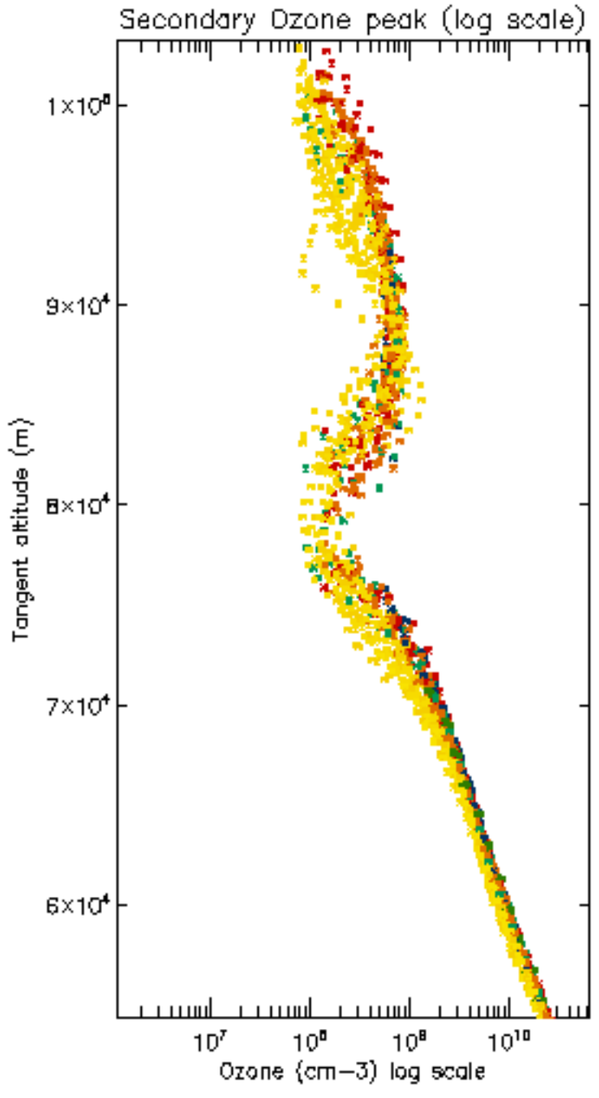

40.00
20.00
0.000
−20.00
−40.00
−60.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−2×10¹² 0 2×10¹² 4×10¹² 6×10¹² 8×10¹² 1×10¹³
Ozone (cm−3)

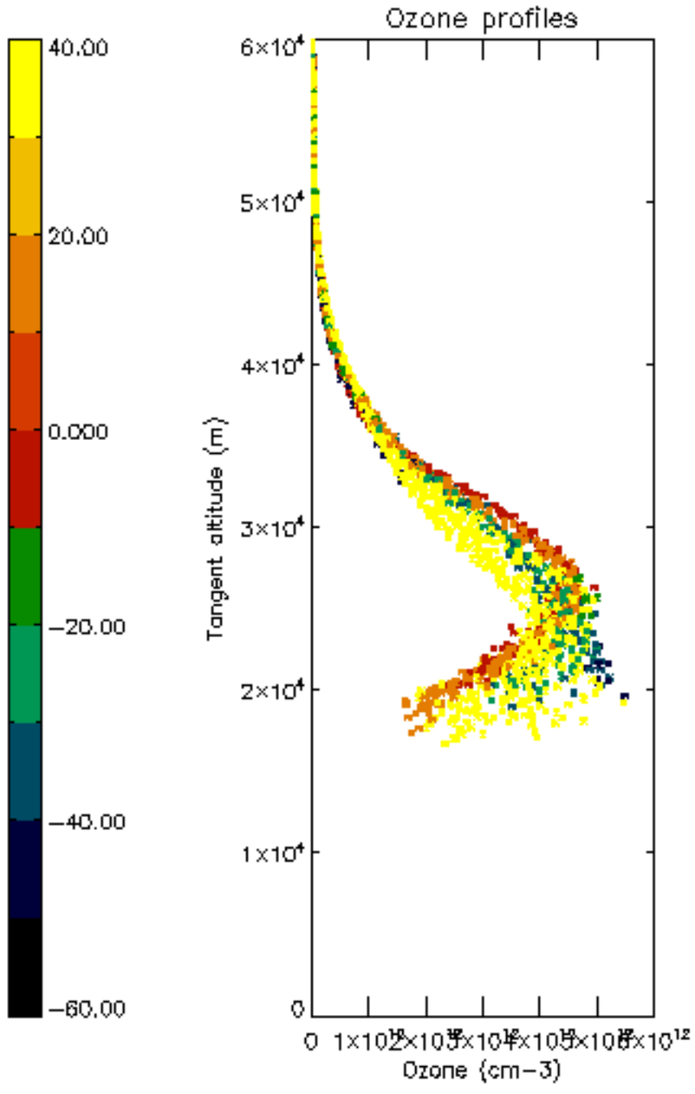

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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
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)
−2×10¹² 0 2×10¹²
Ozone (cm−3)

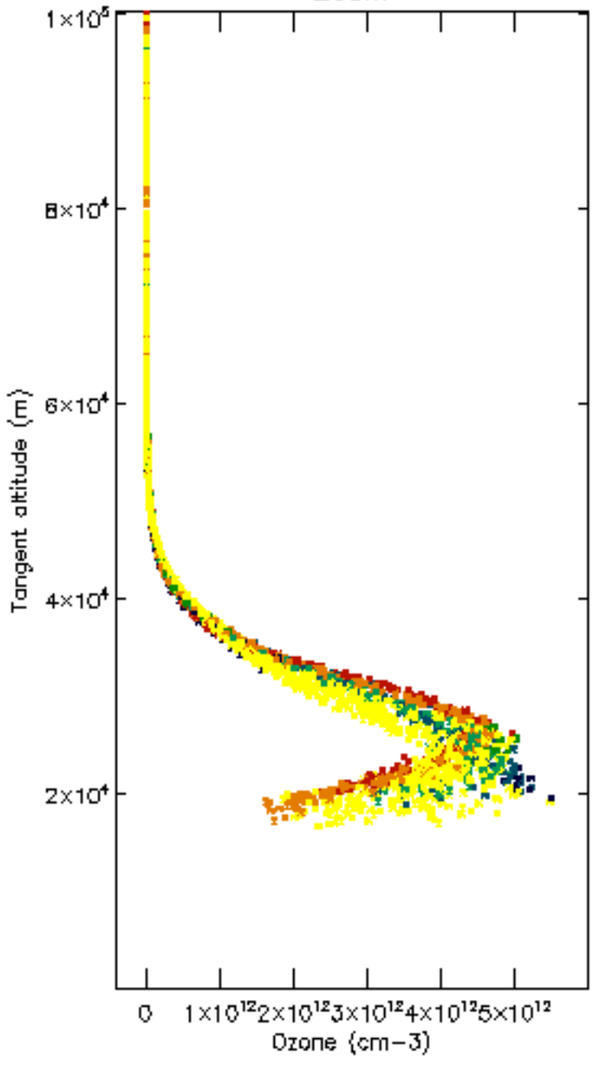

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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

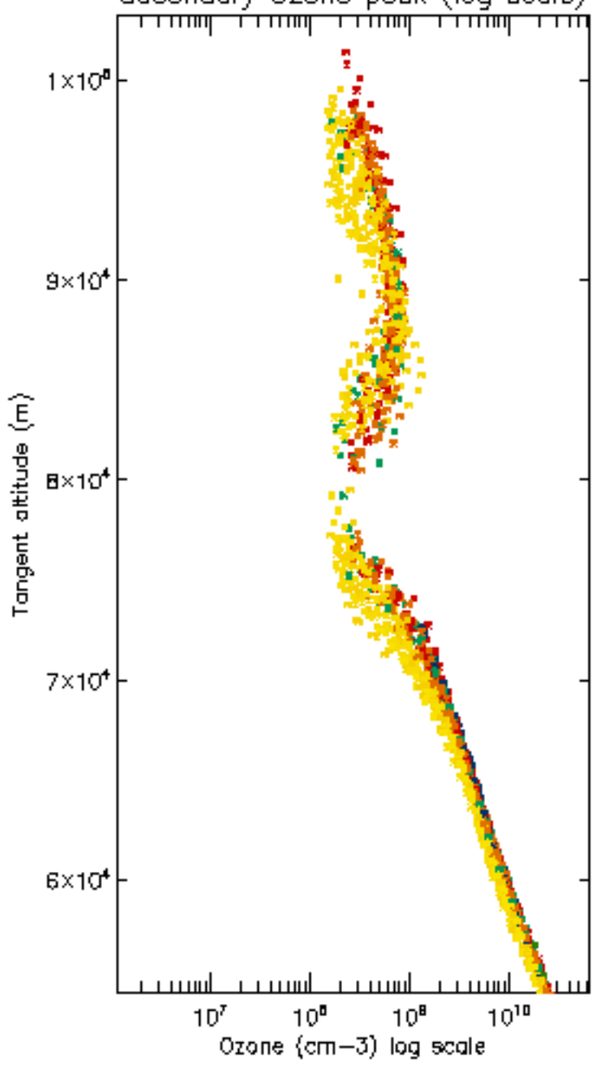


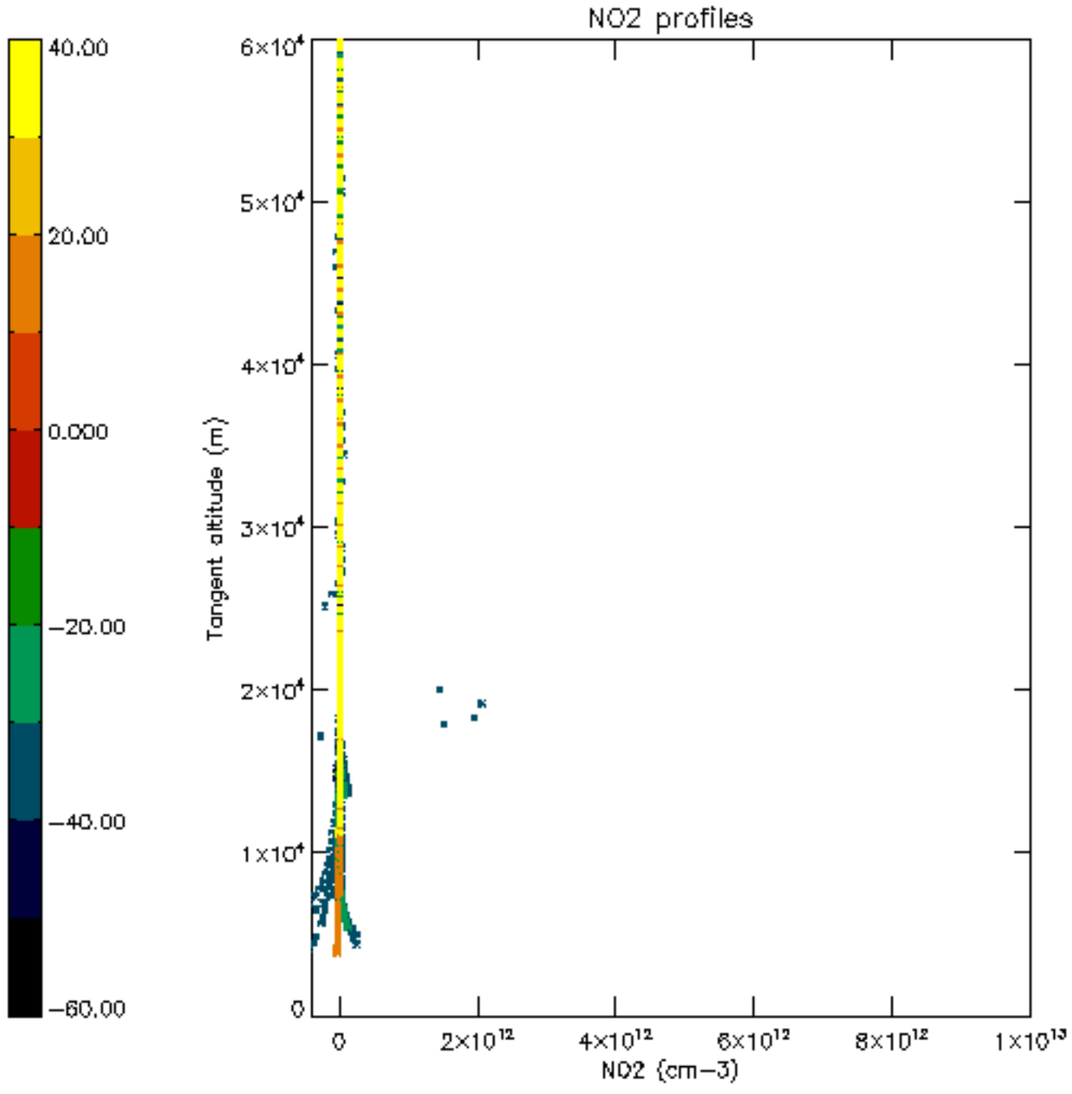
Ozone profiles

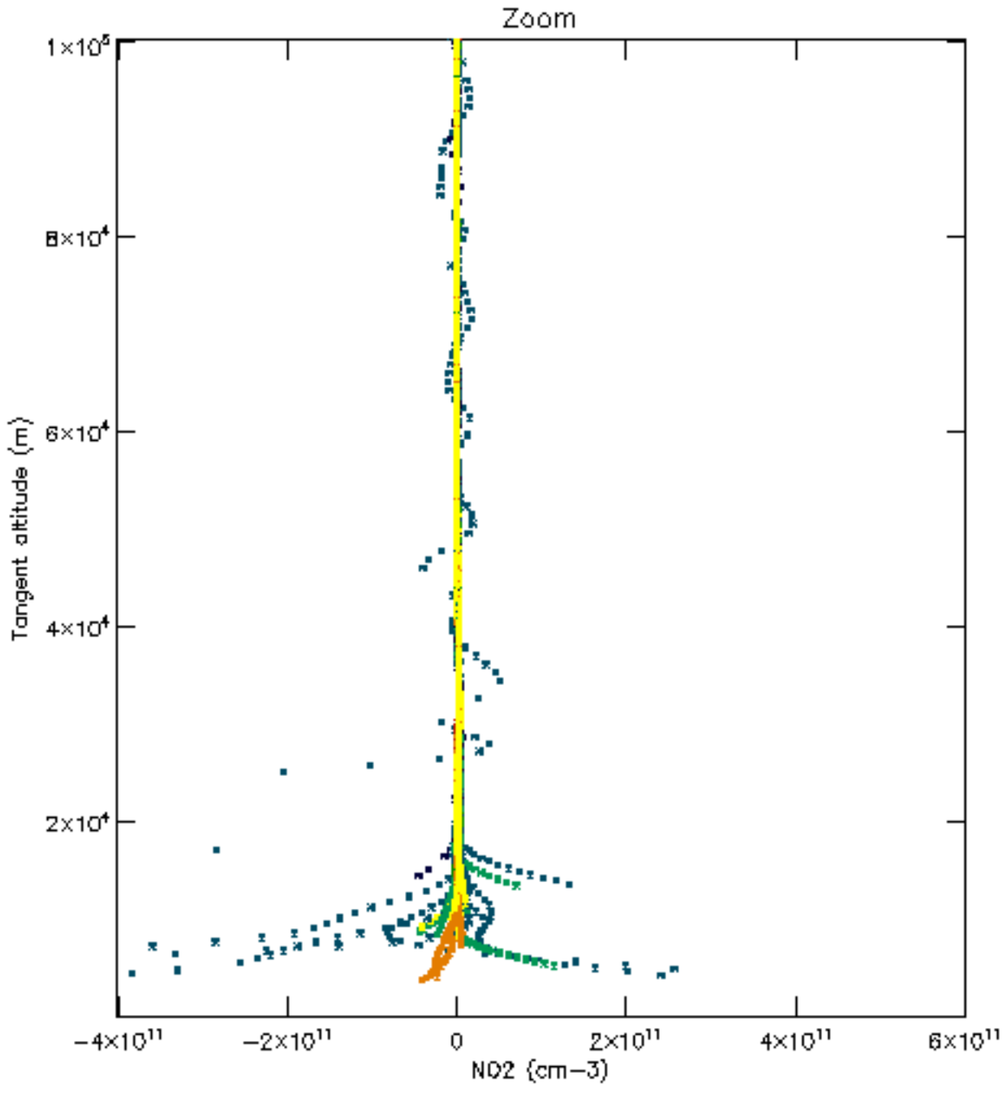
Zoom

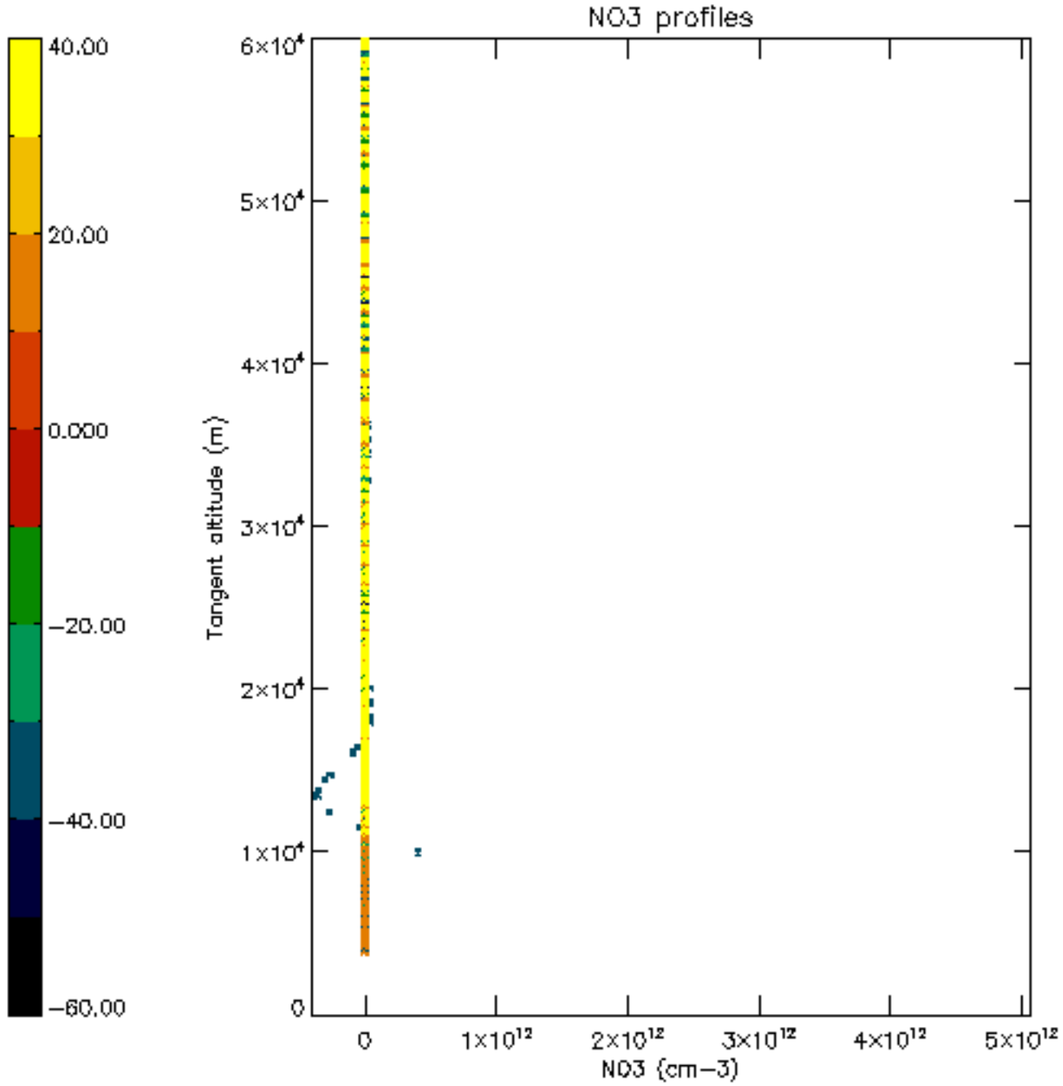


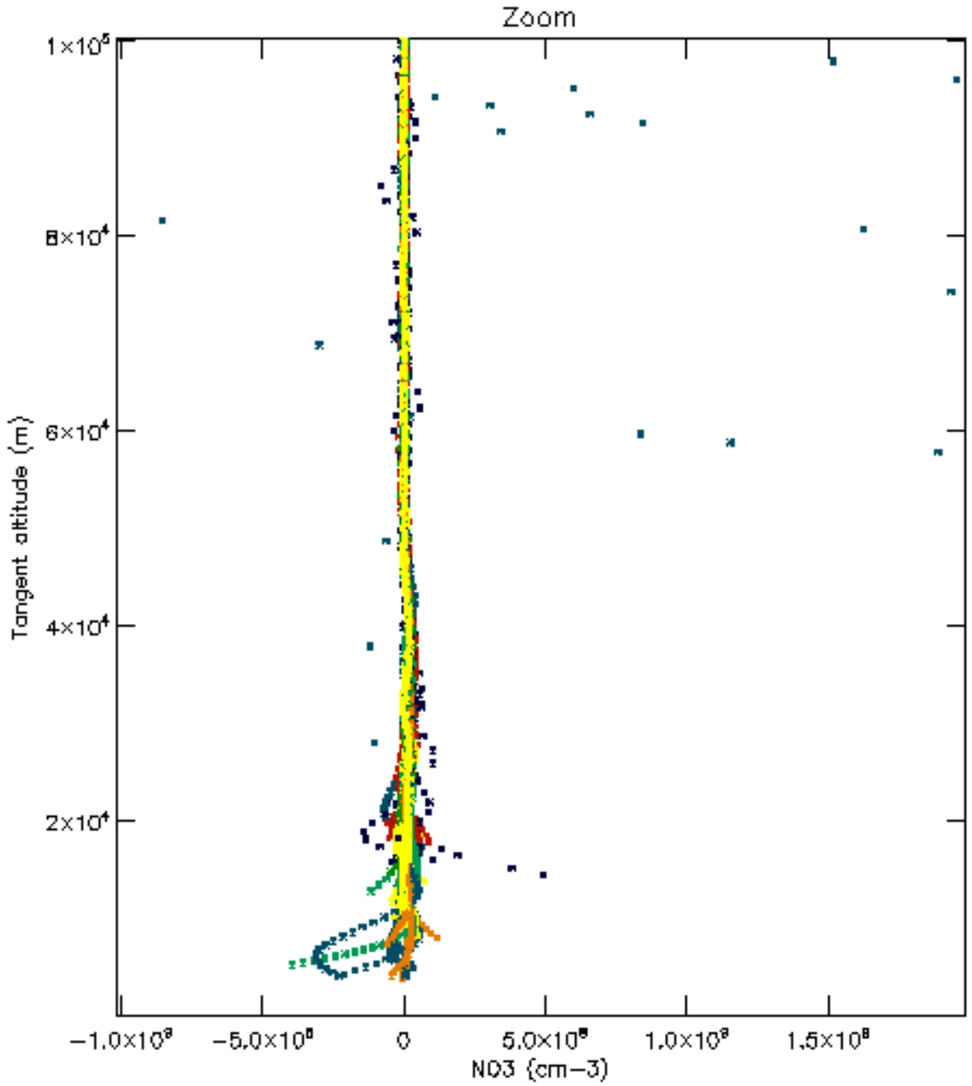
Secondary Ozone peak (log scale)

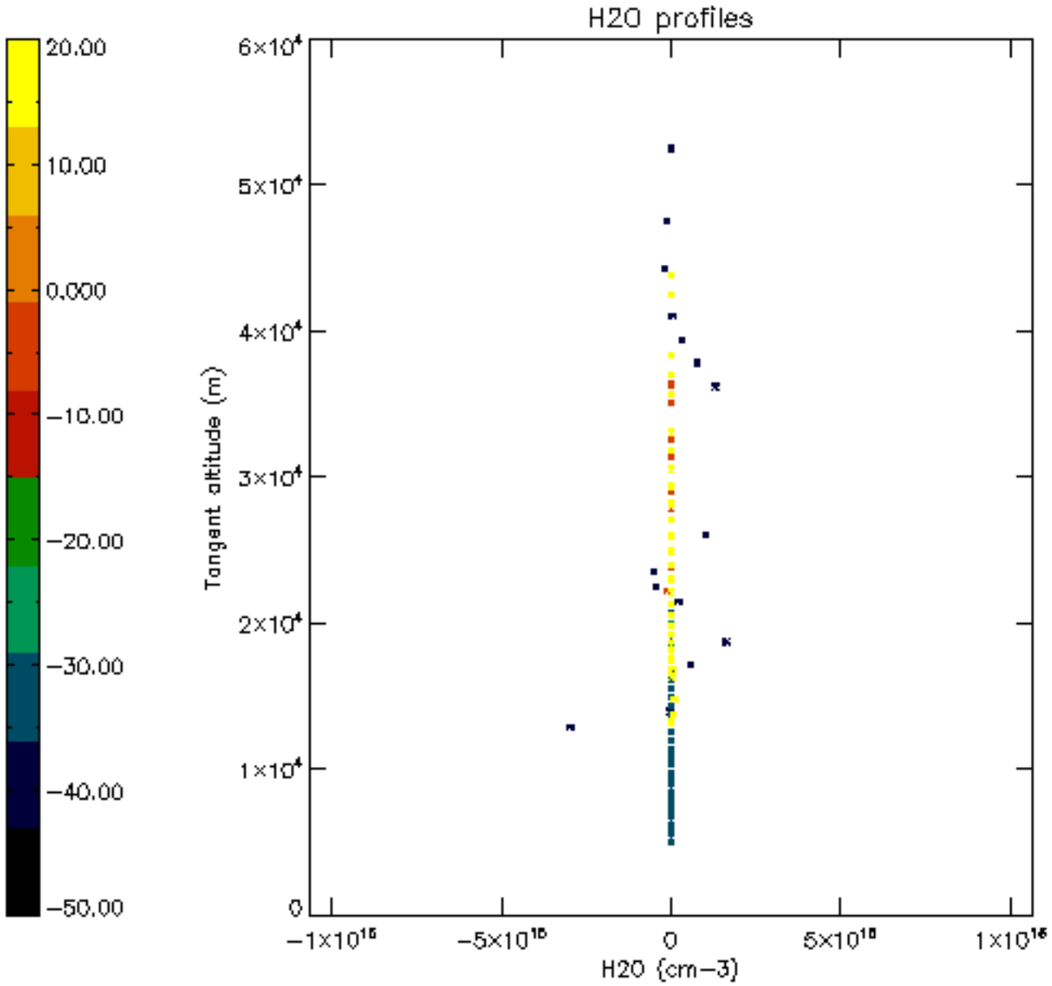


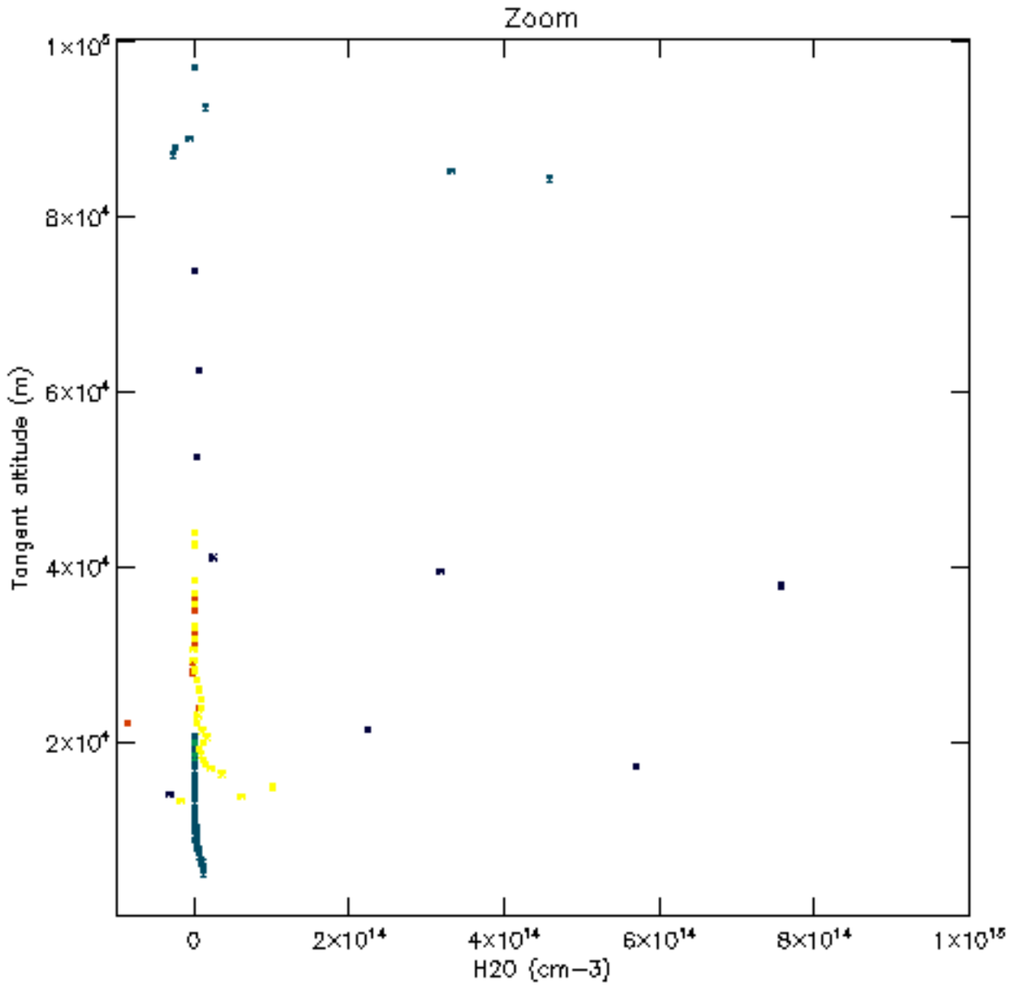

NO2 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

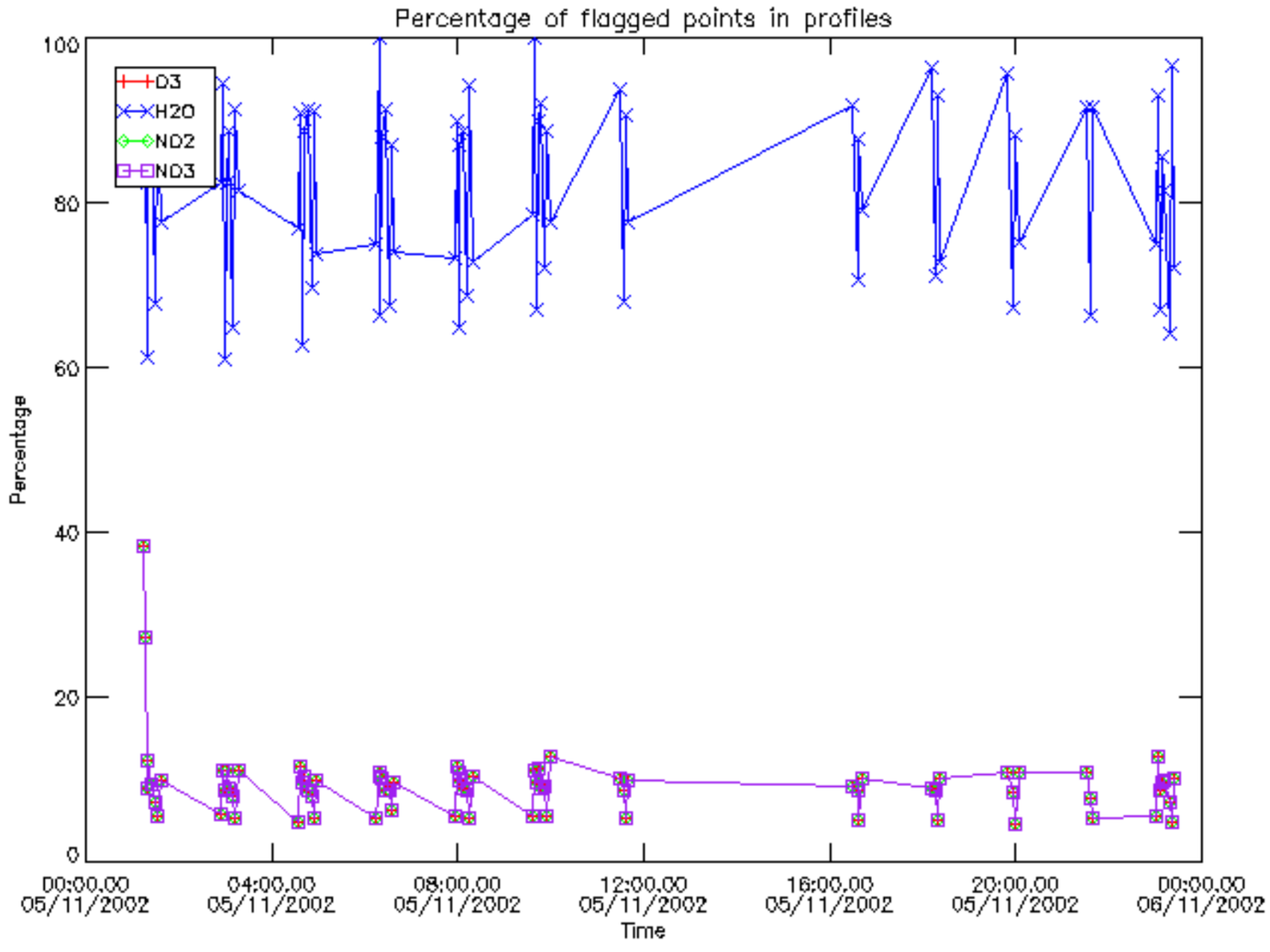

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)

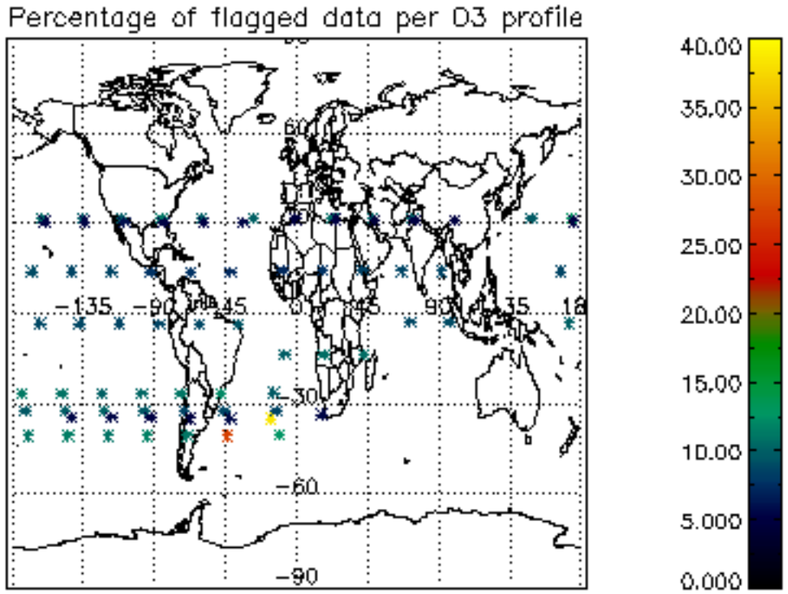

NO3 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)

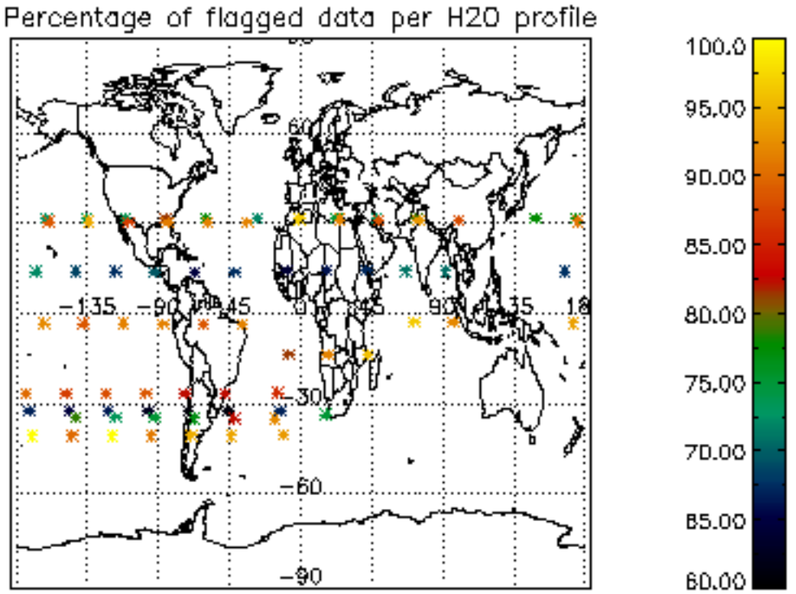

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)

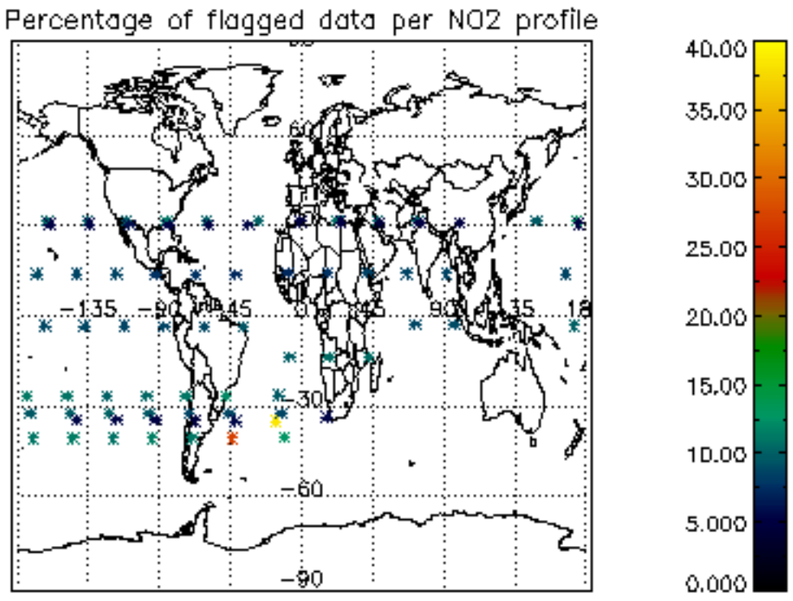

H2O profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1×10¹⁵
−5×10¹⁴
0
5×10¹⁴
1×10¹⁵
H2O (cm−3)

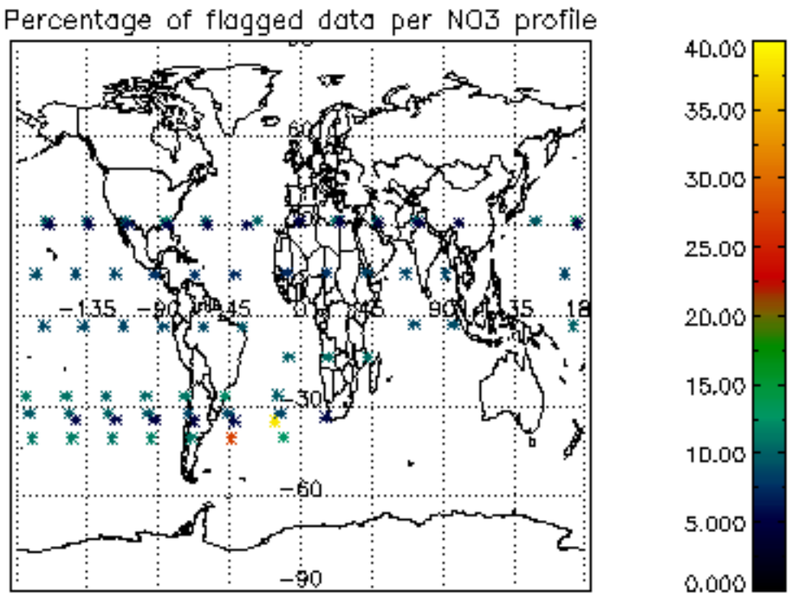

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)

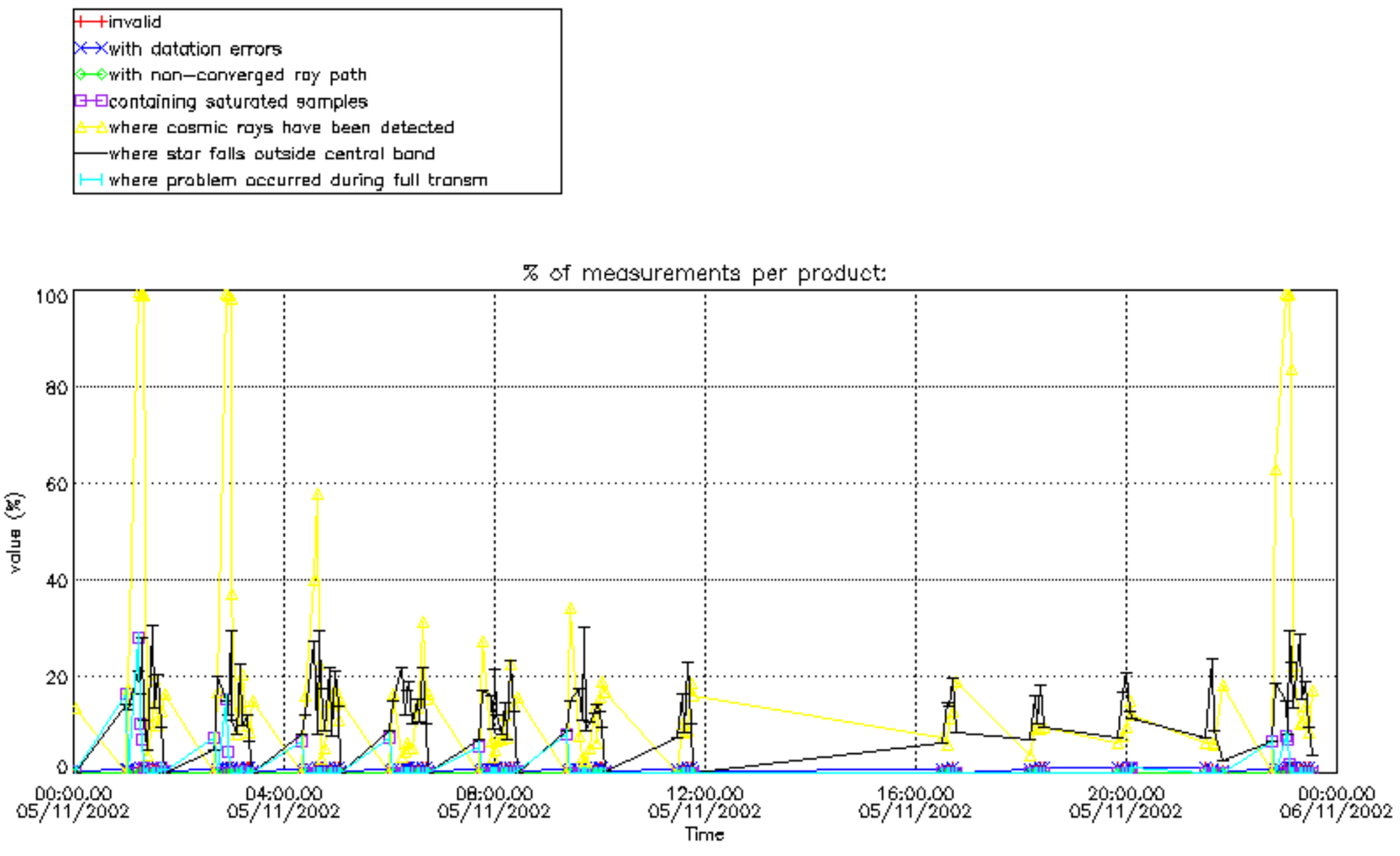

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
05/11/2002
04:00.00
05/11/2002
08:00.00
05/11/2002
12:00.00
05/11/2002
16:00.00
05/11/2002
20:00.00
05/11/2002
00:00.00
06/11/2002
Time

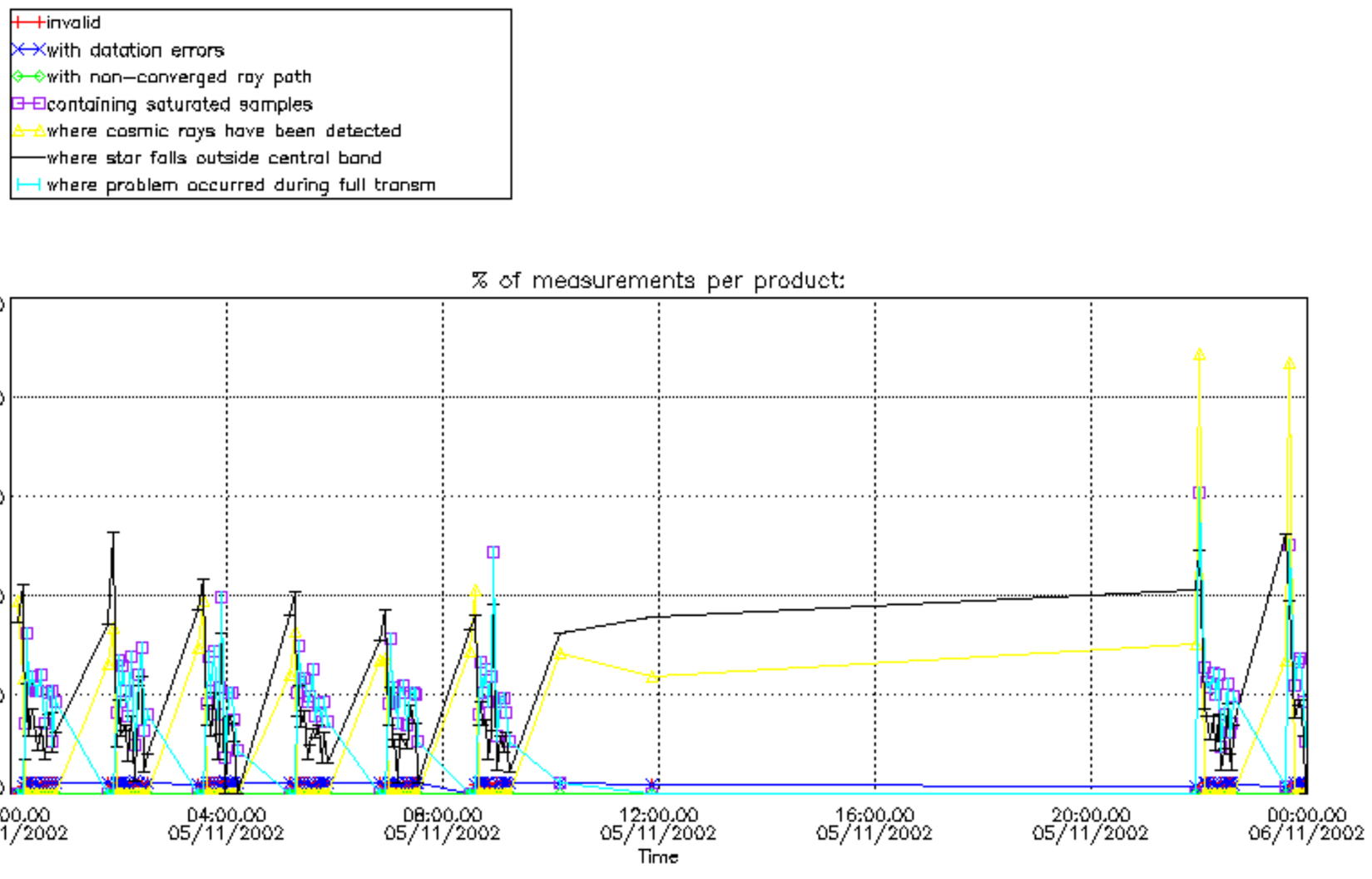

Percentage of flagged data per O3 profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
60
-30
-60
-90
-135
-90
-45
0
45
90
135
180

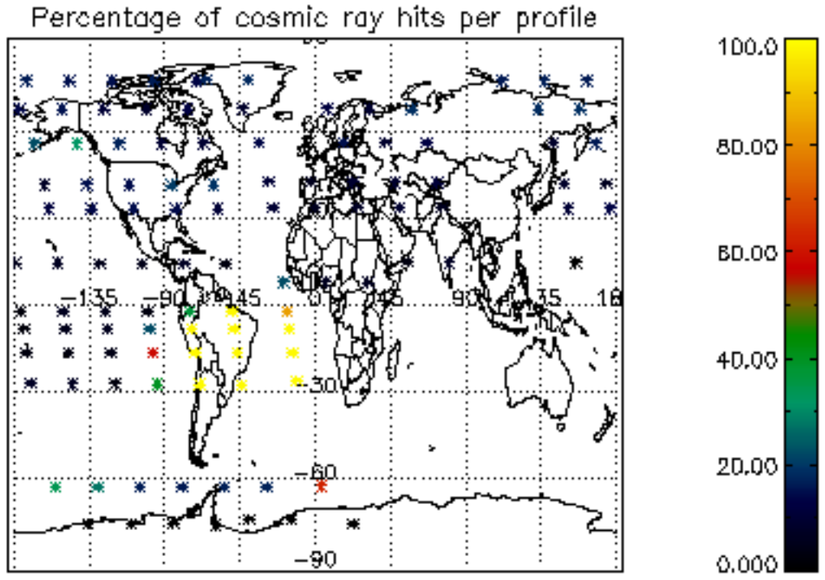

Percentage of flagged data per H2O profile
100.0
95.00
90.00
85.00
80.00
75.00
70.00
65.00
60.00
60
-30
-60
-90
-135
-90
-45
0
45
90
135
180

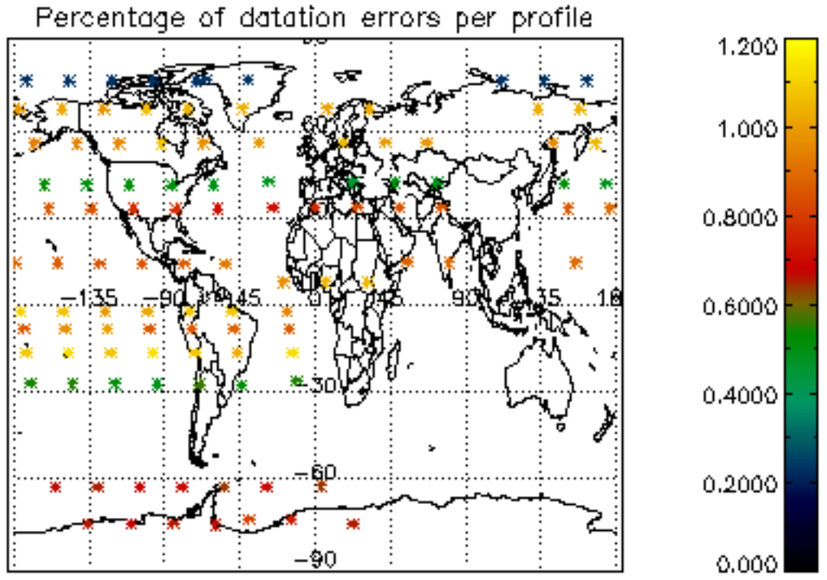

Percentage of flagged data per NO2 profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
60
-30
-60
-90
-135
-90
-45
0
45
90
135
180

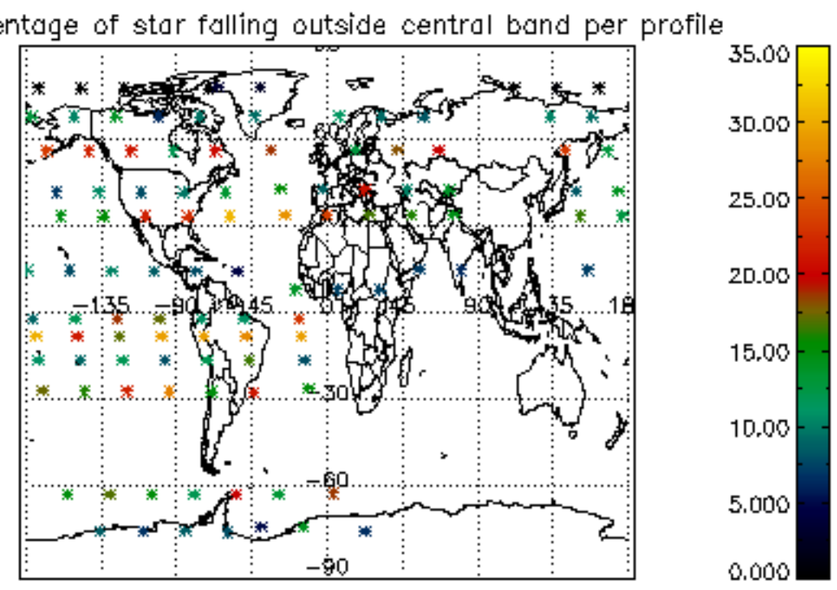

Percentage of flagged data per NO3 profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
60
-30
-60
-90
-135
-90
-45
0
45
90
135
180

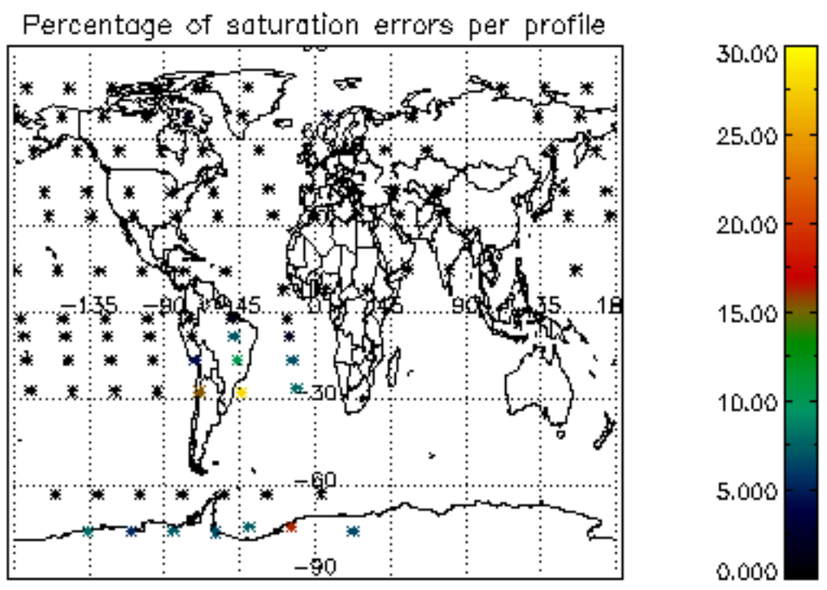

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
05/11/2002
04:00.00
05/11/2002
08:00.00
05/11/2002
12:00.00
05/11/2002
16:00.00
05/11/2002
20:00.00
05/11/2002
00:00.00
06/11/2002
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:
50
40
30
20
10
0
value (%)
00:00.00
05/11/2002
04:00.00
05/11/2002
08:00.00
05/11/2002
12:00.00
05/11/2002
16:00.00
05/11/2002
20:00.00
05/11/2002
00:00.00
06/11/2002
Time

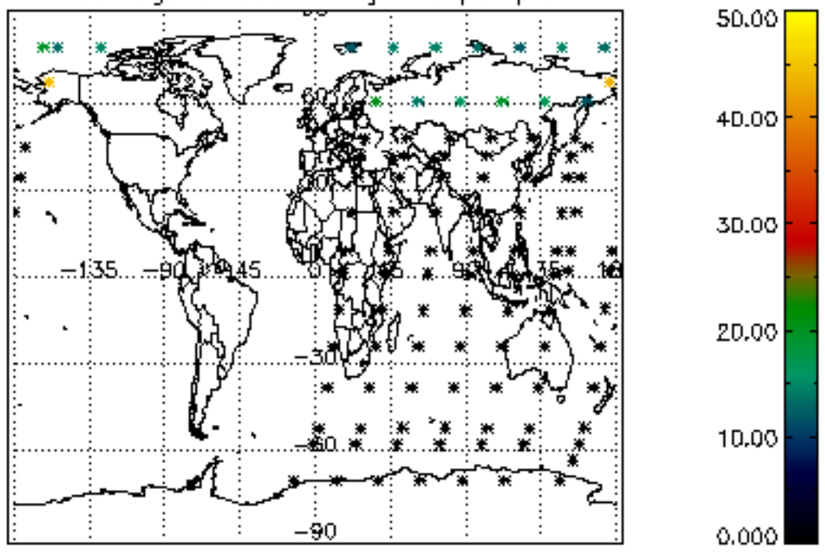

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−30
−60
−90


Percentage of datation errors per profile
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−30
−60
−90

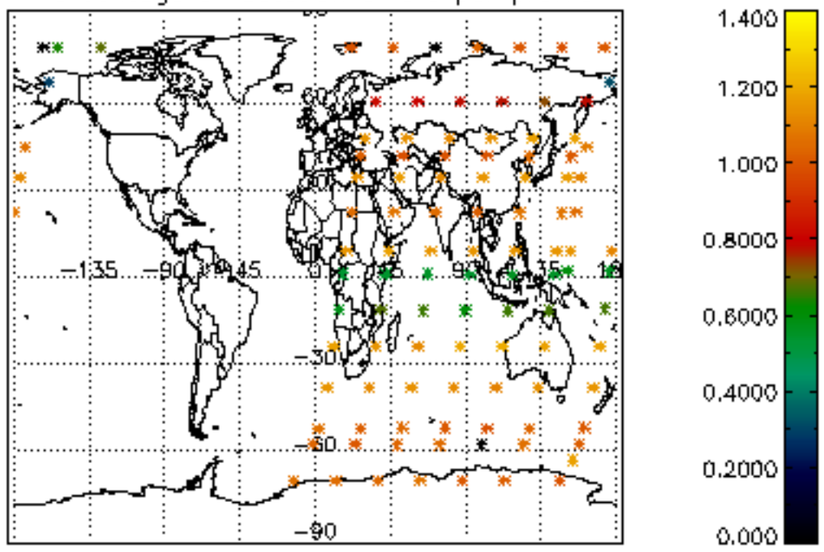

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90


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

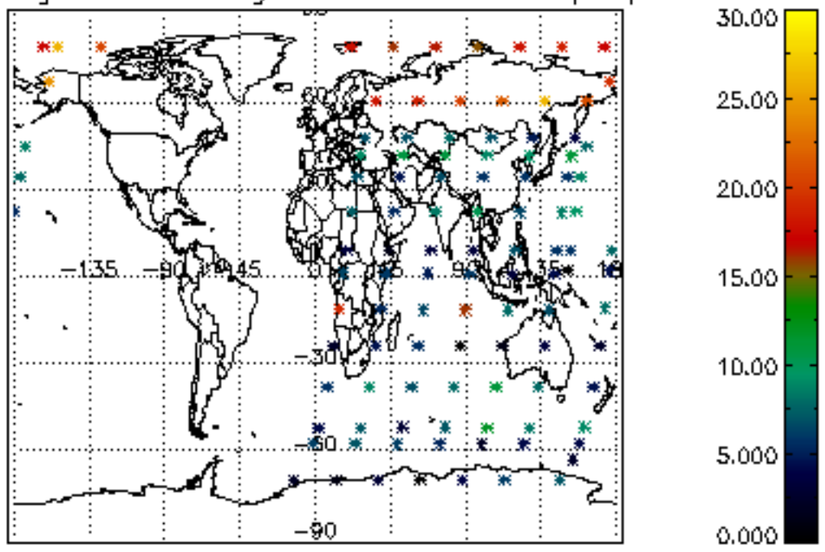
Percentage of cosmic ray hits per profile



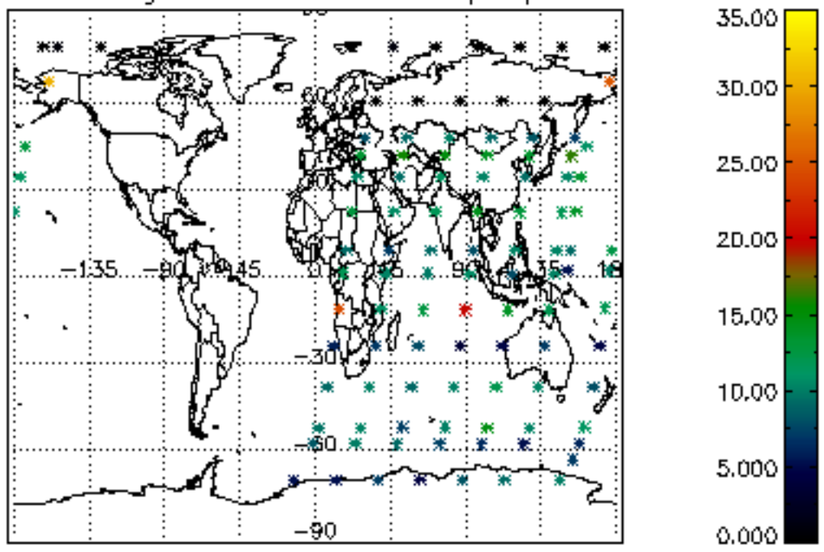
Percentage of datation errors per profile

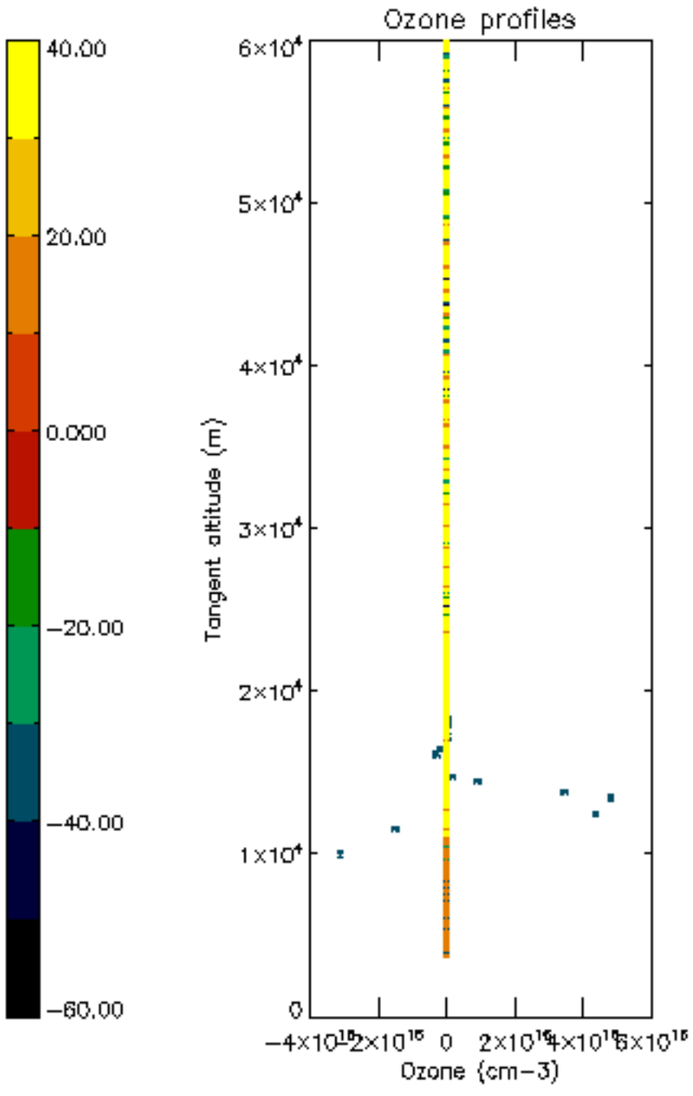


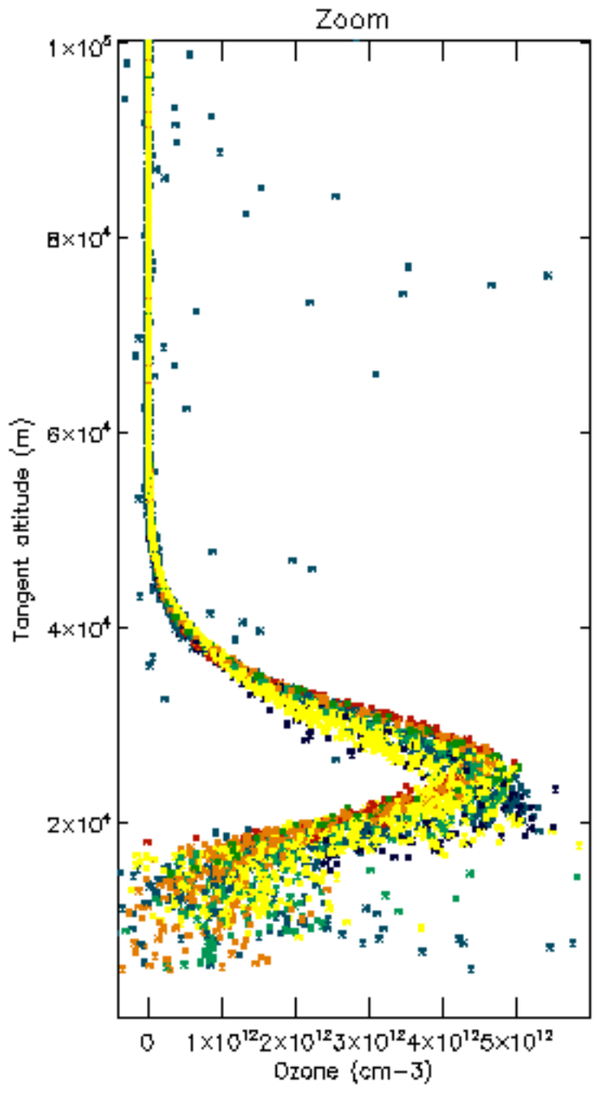
Percentage of star falling outside central band per profile

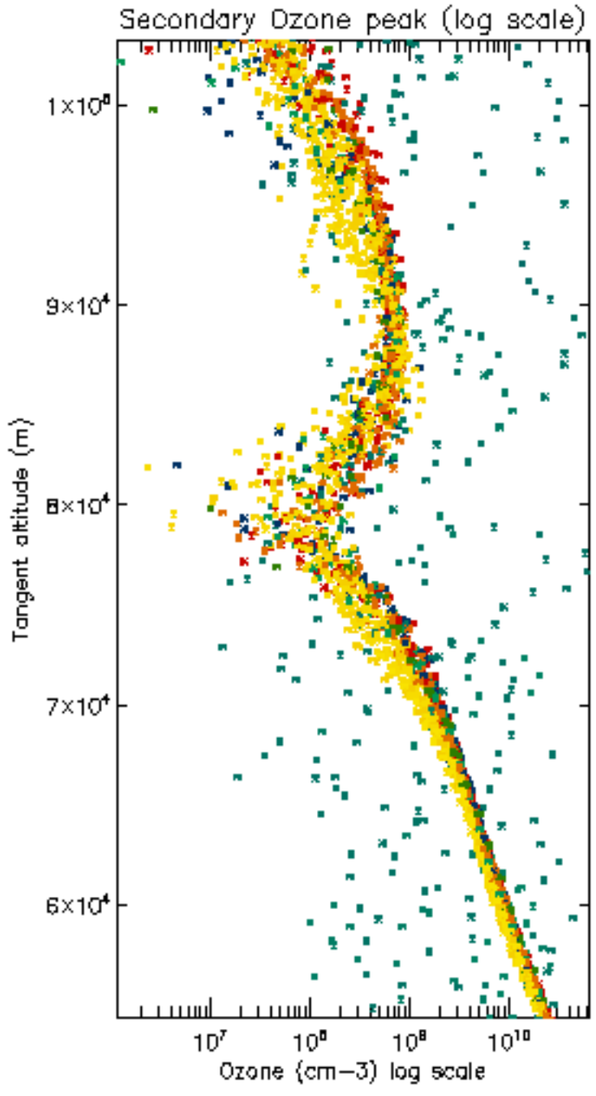


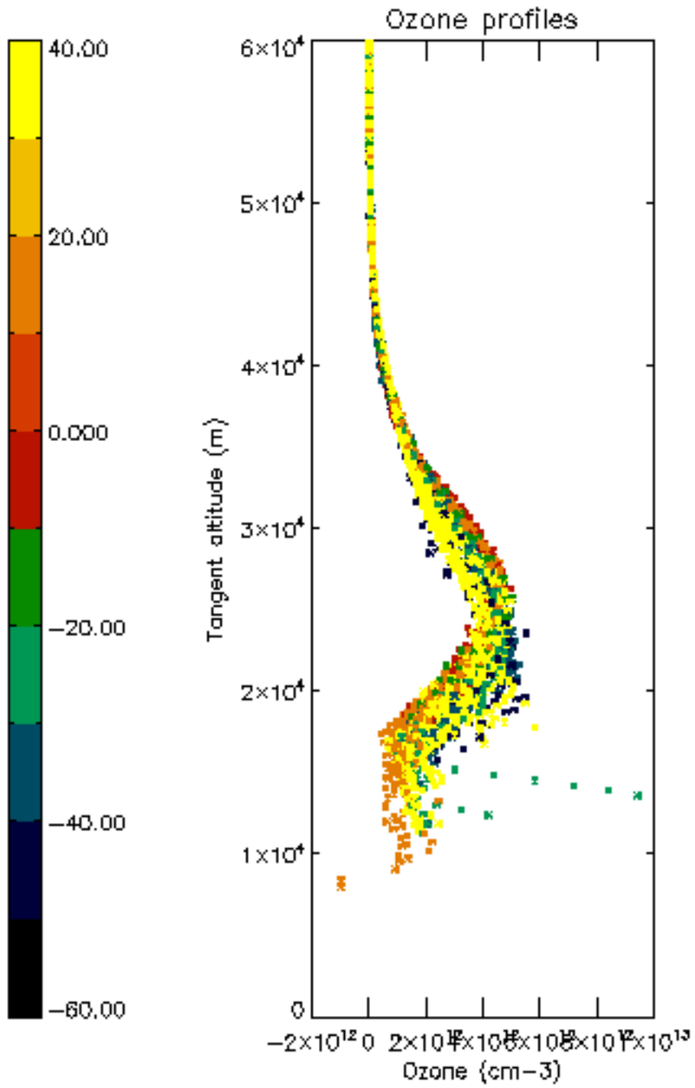
Percentage of saturation errors per profile

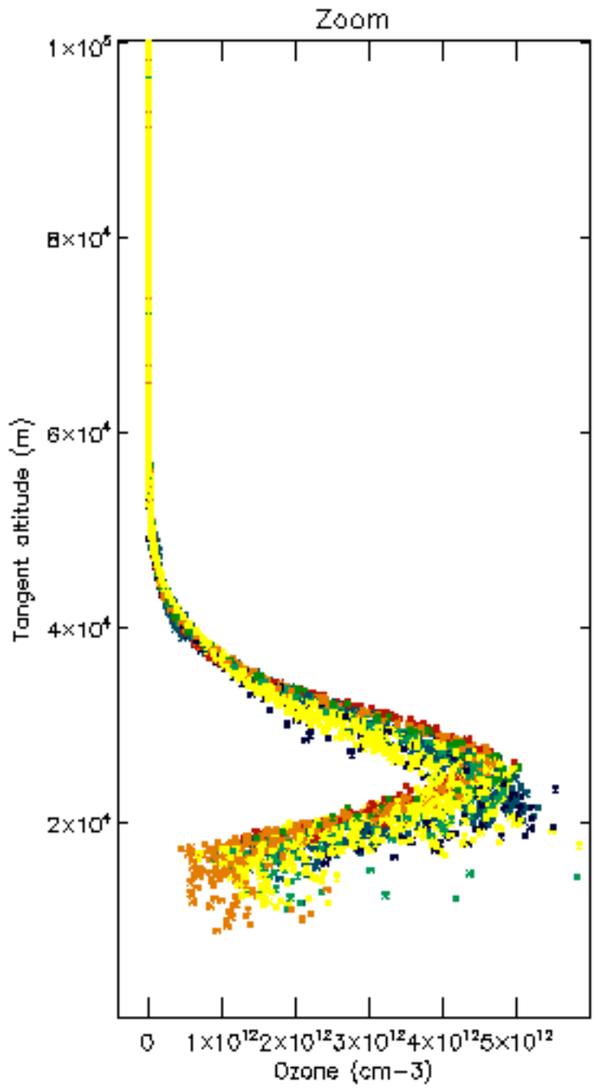


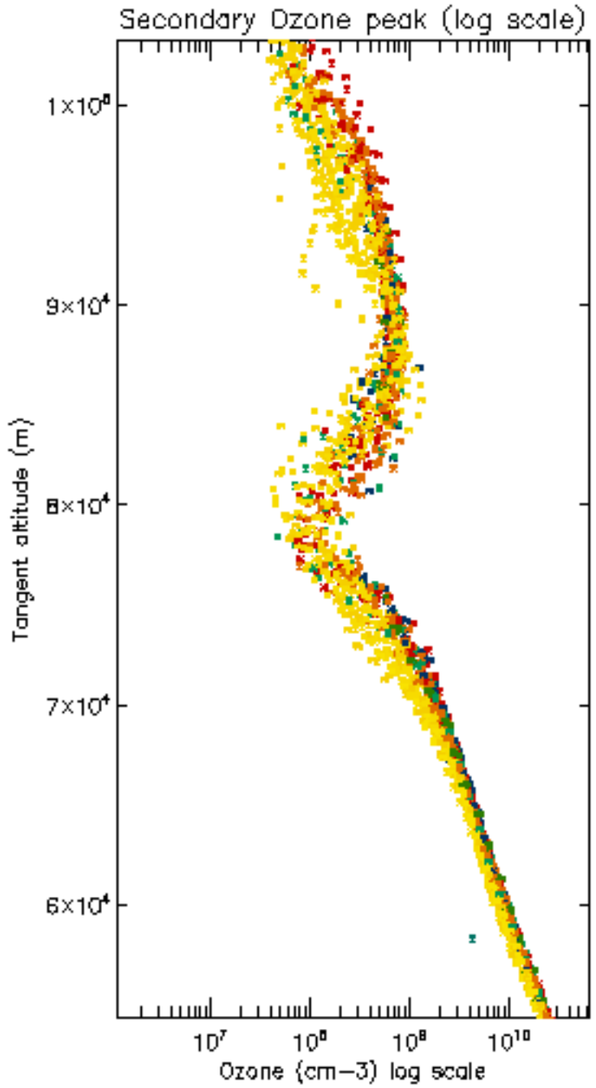

Ozone profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−4×10¹⁵ −2×10¹⁵ 0 2×10¹⁵ 4×10¹⁵ 6×10¹⁵
Ozone (cm−3)

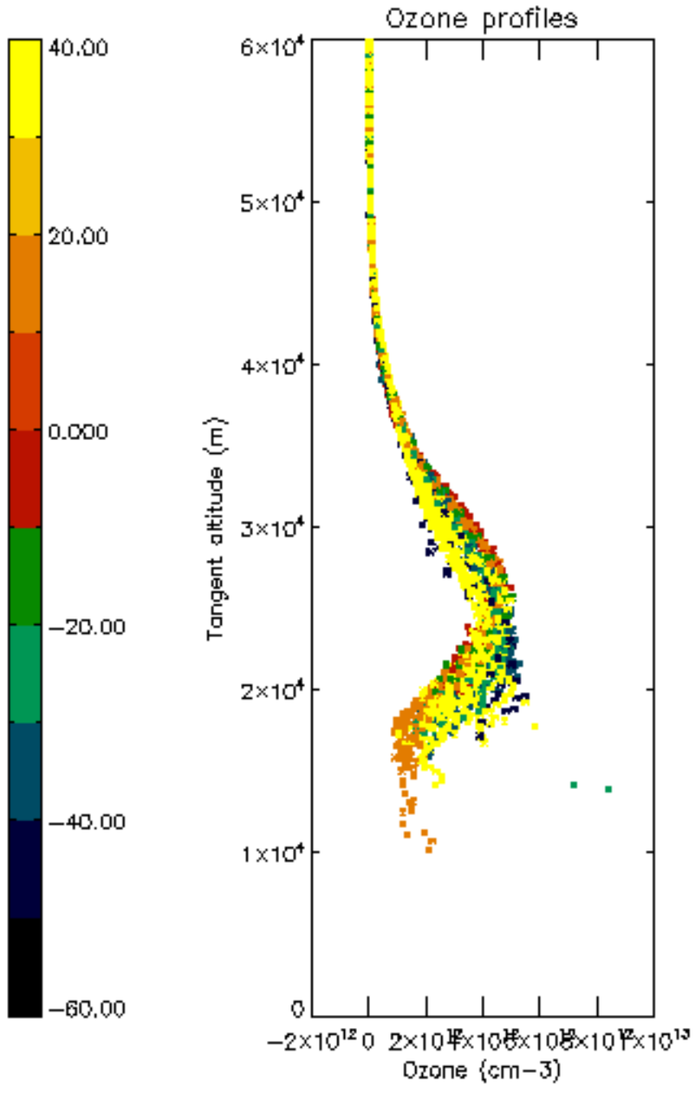

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

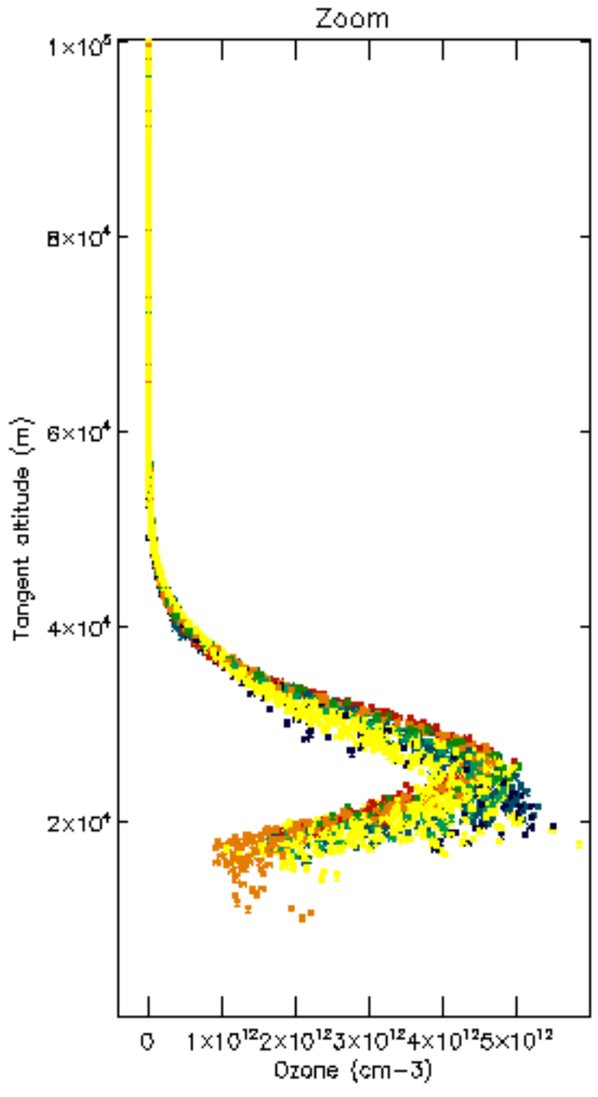

Secondary Ozone peak (log scale)
Tangent altitude (m)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale

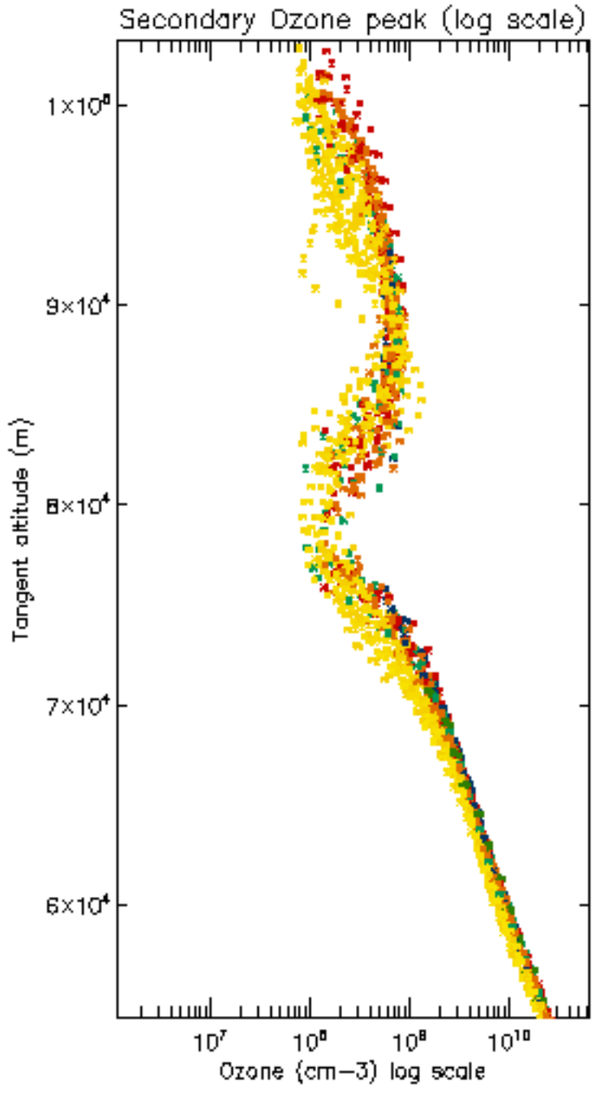

40.00
20.00
0.000
−20.00
−40.00
−60.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−2×10¹² 0 2×10¹² 4×10¹² 6×10¹² 8×10¹² 1×10¹³
Ozone (cm−3)

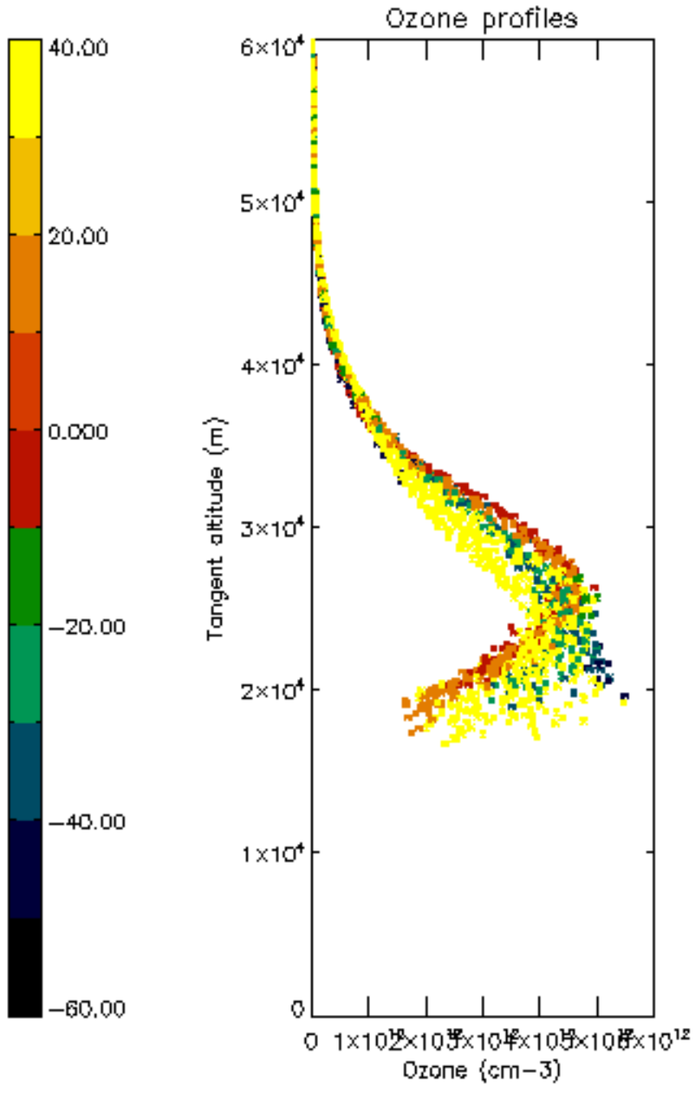

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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
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)
−2×10¹² 0 2×10¹²
Ozone (cm−3)

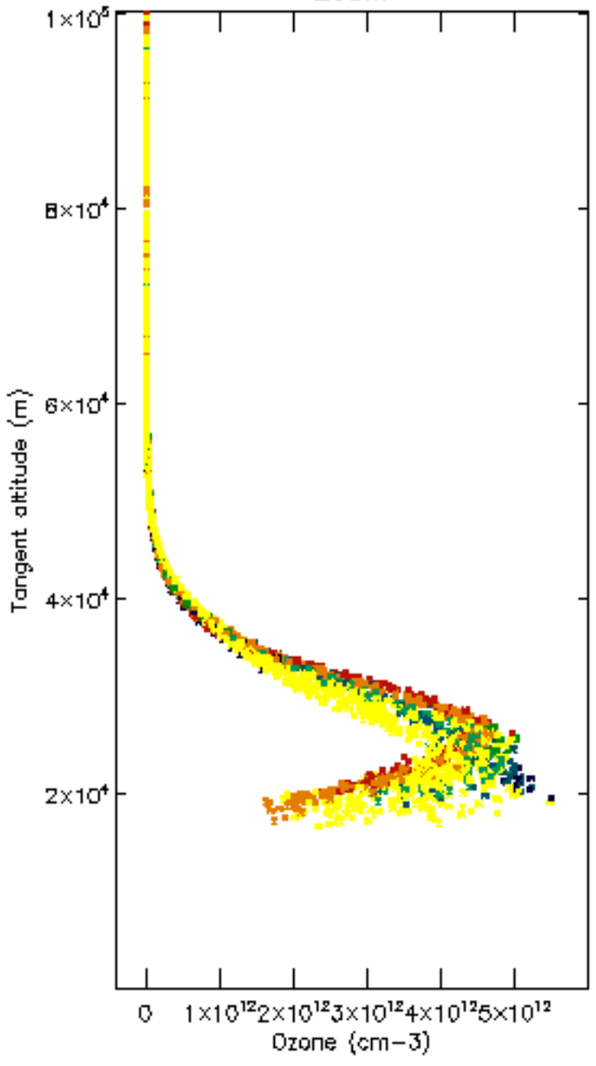

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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

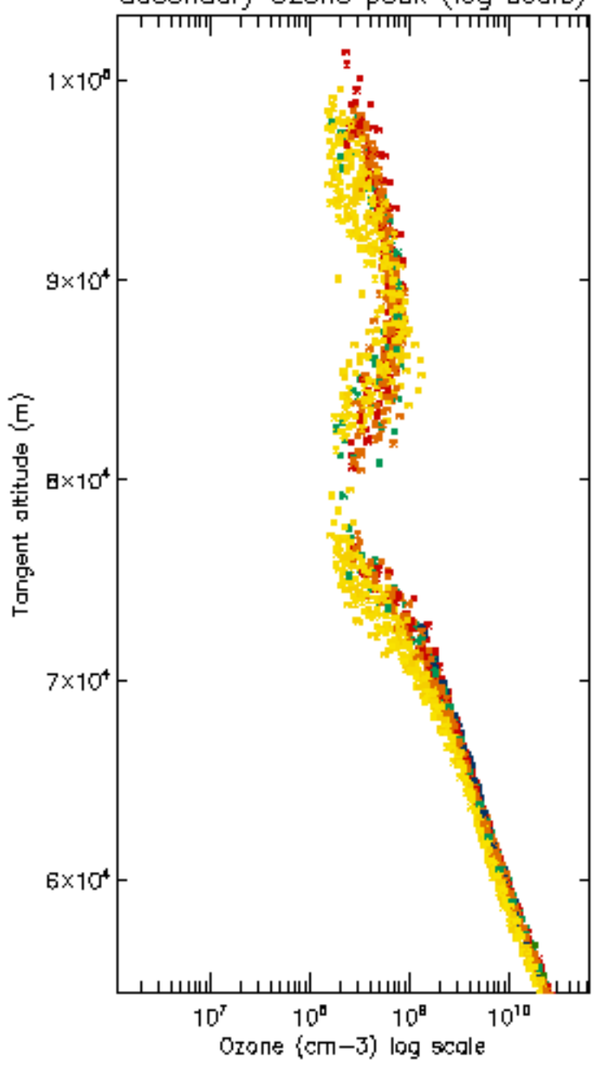


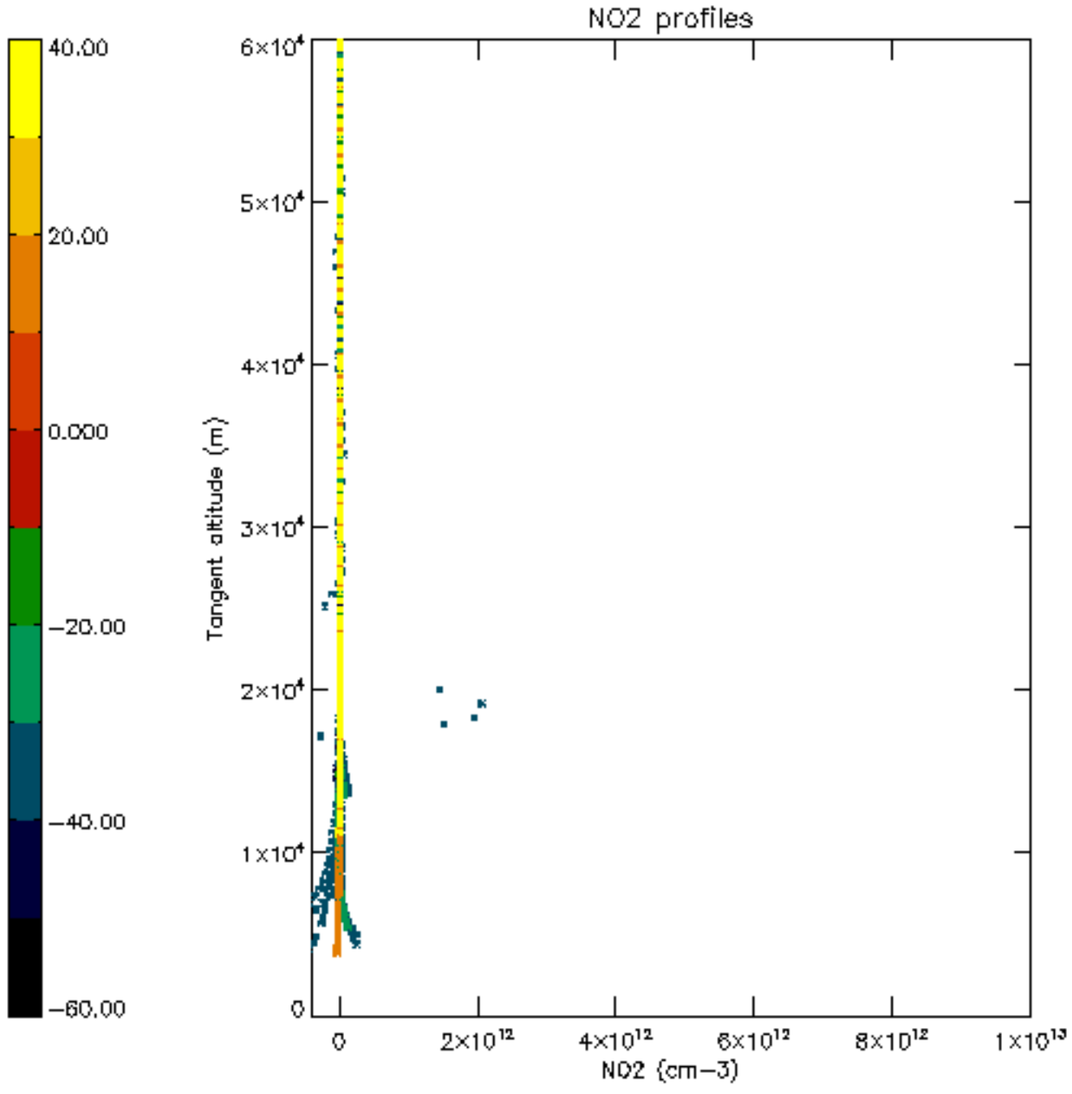
Ozone profiles

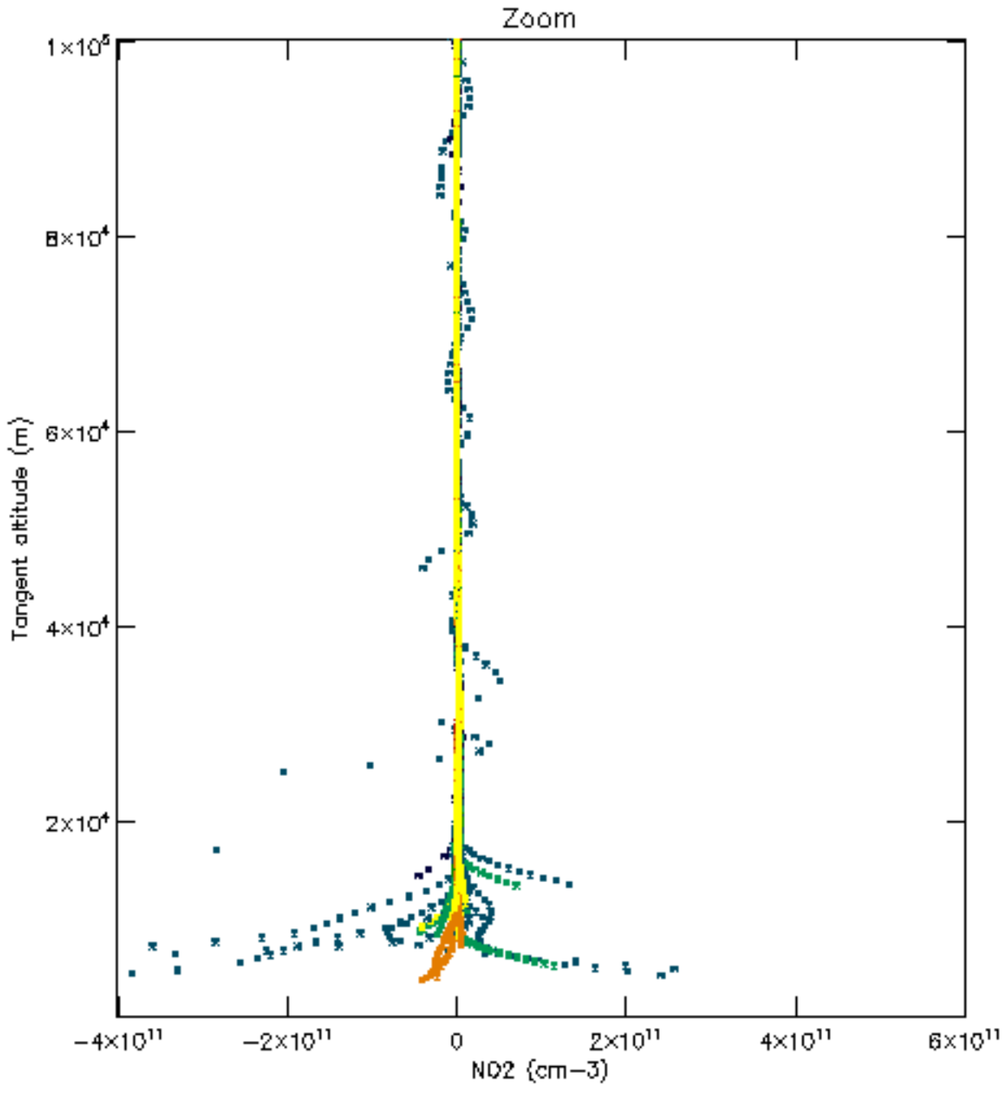
Zoom

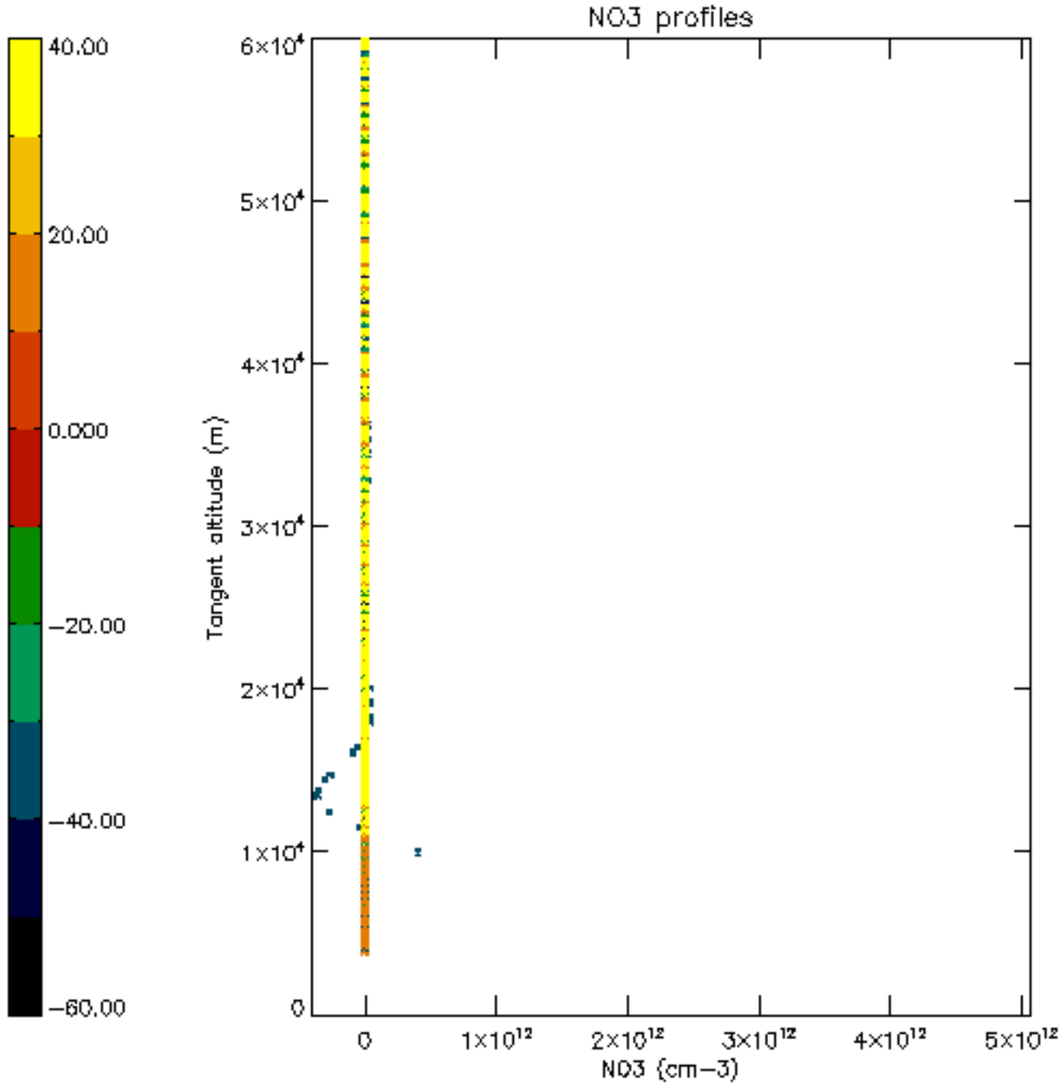


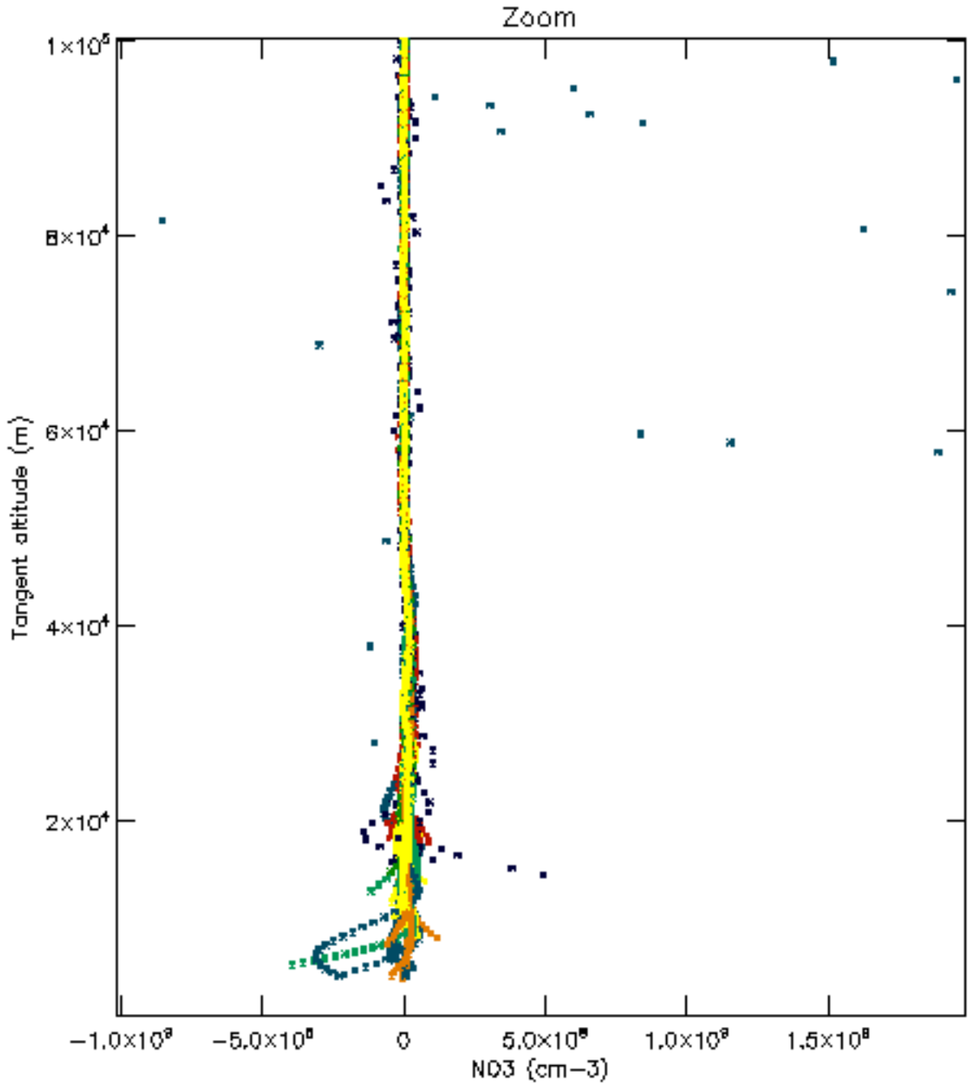
Secondary Ozone peak (log scale)

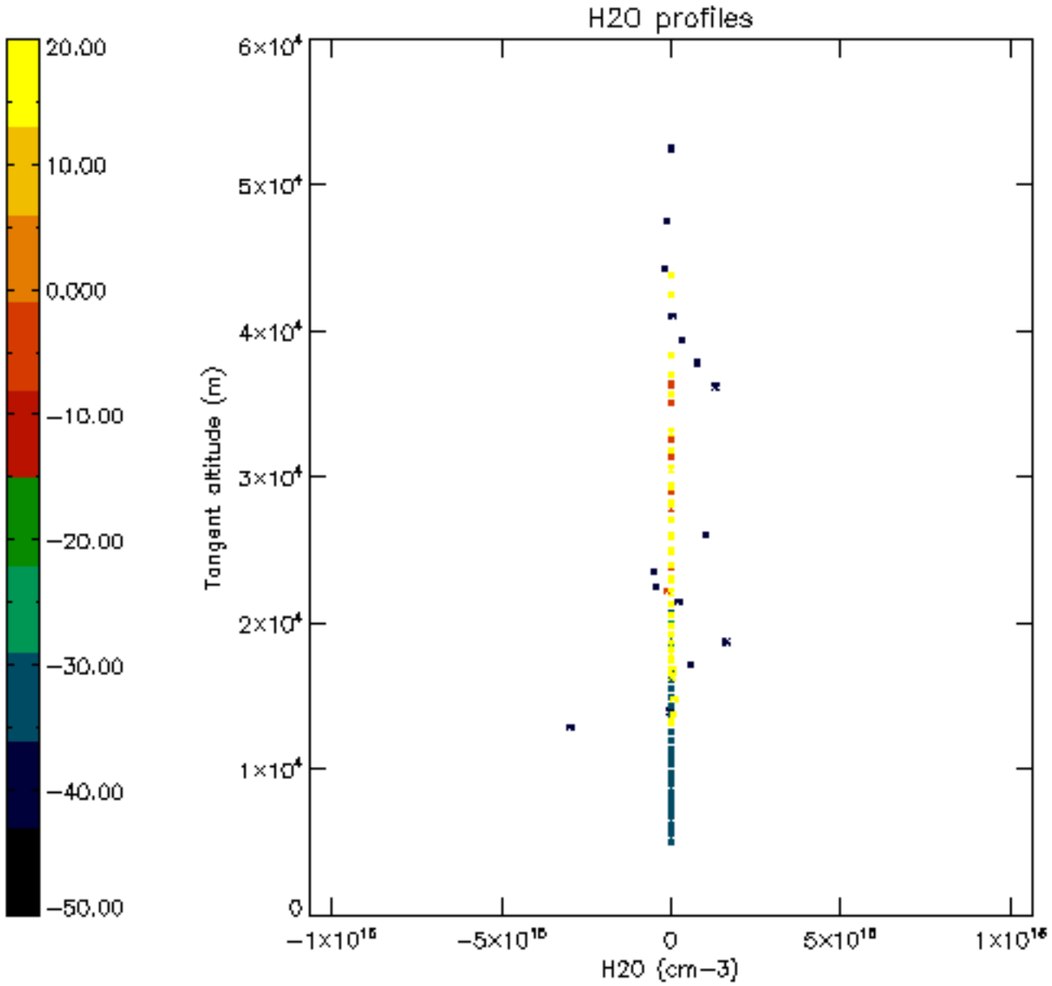


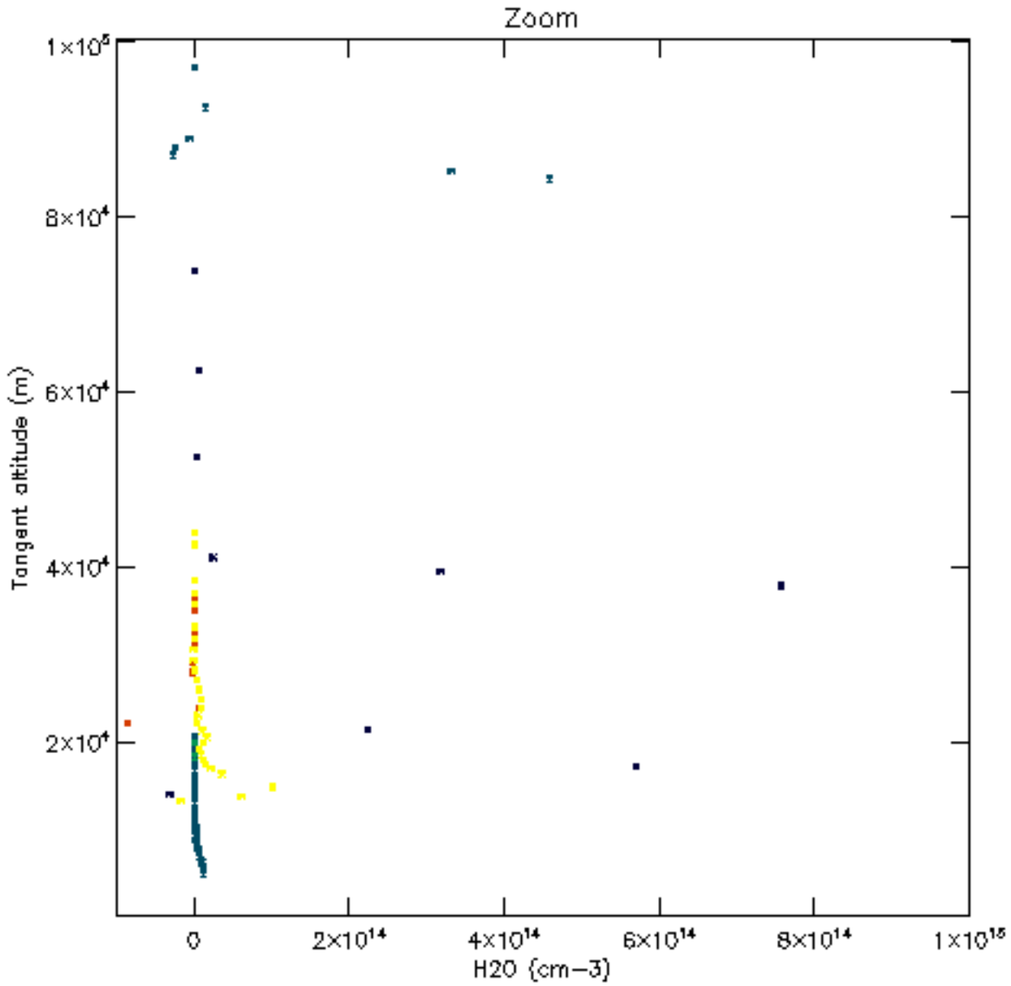

NO2 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


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


NO3 profiles
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
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1×10¹⁵
−5×10¹⁴
0
5×10¹⁴
1×10¹⁵
H2O (cm−3)


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