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	25APR2013 21:40:21
Data source version	GOMOS/6.01
Start time of products	03-11-2008 (03NOV2008 00:00:00)
Stop time of products	04-11-2008 (04NOV2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	219
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20081103_000018_000000372073_00288_34911_8891.N1	03-NOV-2008 00:00:18	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	34911	No
2	GOM_NL__2PRFIN20081103_000823_000000362073_00288_34911_8892.N1	03-NOV-2008 00:08:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	34911	No
3	GOM_NL__2PRFIN20081103_001219_000000372073_00288_34911_8893.N1	03-NOV-2008 00:12:19	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	34911	No
4	GOM_NL__2PRFIN20081103_001629_000000402073_00288_34911_8894.N1	03-NOV-2008 00:16:29	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	34911	No
5	GOM_NL__2PRFIN20081103_001805_000000562073_00288_34911_8895.N1	03-NOV-2008 00:18:05	Bright	56.000	82	48Bet UMa	2.3650	10600.	112	34911	No
6	GOM_NL__2PRFIN20081103_002149_000000392073_00288_34911_8896.N1	03-NOV-2008 00:21:49	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	34911	No
7	GOM_NL__2PRFIN20081103_002921_000000382073_00288_34911_8897.N1	03-NOV-2008 00:29:21	Bright	37.500	96	68Del Leo	2.5600	9300.0	75	34911	No
8	GOM_NL__2PRFIN20081103_004918_000000422073_00288_34911_8898.N1	03-NOV-2008 00:49:18	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	34911	No
9	GOM_NL__2PRFIN20081103_005433_000000402073_00289_34912_8907.N1	03-NOV-2008 00:54:33	Dark	40.000	46	Del Vel	1.9540	10600.	80	34912	No
10	GOM_NL__2PRFIN20081103_005552_000000442073_00289_34912_8908.N1	03-NOV-2008 00:55:52	Dark	44.000	41	Eps Car	1.8600	4100.0	88	34912	No
11	GOM_NL__2PRFIN20081103_010105_000000502073_00289_34912_8909.N1	03-NOV-2008 01:01:05	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	34912	No
12	GOM_NL__2PRFIN20081103_011108_000000402073_00289_34912_8910.N1	03-NOV-2008 01:11:08	Straylight	39.500	157	The1Eri	2.9060	9300.0	79	34912	No
13	GOM_NL__2PRFIN20081103_012944_000000392073_00289_34912_8911.N1	03-NOV-2008 01:29:44	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	34912	No
14	GOM_NL__2PRFIN20081103_013349_000000382073_00289_34912_8912.N1	03-NOV-2008 01:33:49	Bright	37.500	53	43Bet And	2.0480	3300.0	75	34912	No
15	GOM_NL__2PRFIN20081103_013608_000000402073_00289_34912_8913.N1	03-NOV-2008 01:36:08	Bright	40.000	73	57Gam1And	2.2600	13100.	80	34912	No
16	GOM_NL__2PRFIN20081103_013944_000000342073_00289_34912_8914.N1	03-NOV-2008 01:39:44	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	34912	No
17	GOM_NL__2PRFIN20081103_014054_000000332073_00289_34912_8915.N1	03-NOV-2008 01:40:54	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	34912	No
18	GOM_NL__2PRFIN20081103_014859_000000332073_00289_34912_8916.N1	03-NOV-2008 01:48:59	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	34912	No
19	GOM_NL__2PRFIN20081103_015255_000000372073_00289_34912_8917.N1	03-NOV-2008 01:52:55	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	34912	No
20	GOM_NL__2PRFIN20081103_015704_000000412073_00289_34912_8918.N1	03-NOV-2008 01:57:04	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	34912	No
21	GOM_NL__2PRFIN20081103_015841_000000382073_00289_34912_8919.N1	03-NOV-2008 01:58:41	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	34912	No
22	GOM_NL__2PRFIN20081103_020225_000000392073_00289_34912_8920.N1	03-NOV-2008 02:02:25	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	34912	No
23	GOM_NL__2PRFIN20081103_020958_000000392073_00289_34912_8921.N1	03-NOV-2008 02:09:58	Bright	39.000	96	68Del Leo	2.5600	9300.0	78	34912	No
24	GOM_NL__2PRFIN20081103_022954_000000382073_00289_34912_8922.N1	03-NOV-2008 02:29:54	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	34912	No
25	GOM_NL__2PRFIN20081103_023510_000000422073_00290_34913_8921.N1	03-NOV-2008 02:35:10	Dark	41.500	46	Del Vel	1.9540	10600.	83	34913	No
26	GOM_NL__2PRFIN20081103_023628_000000432073_00290_34913_8922.N1	03-NOV-2008 02:36:28	Dark	42.500	41	Eps Car	1.8600	4100.0	85	34913	No
27	GOM_NL__2PRFIN20081103_024142_000000542073_00290_34913_8923.N1	03-NOV-2008 02:41:42	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	34913	No
28	GOM_NL__2PRFIN20081103_025144_000000422073_00290_34913_8924.N1	03-NOV-2008 02:51:44	Straylight	41.500	157	The1Eri	2.9060	9300.0	83	34913	No
29	GOM_NL__2PRFIN20081103_031020_000000392073_00290_34913_8925.N1	03-NOV-2008 03:10:20	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	34913	No
30	GOM_NL__2PRFIN20081103_031425_000000372073_00290_34913_8926.N1	03-NOV-2008 03:14:25	Bright	36.500	53	43Bet And	2.0480	3300.0	73	34913	No
31	GOM_NL__2PRFIN20081103_031644_000000412073_00290_34913_8927.N1	03-NOV-2008 03:16:44	Bright	40.500	73	57Gam1And	2.2600	13100.	81	34913	No
32	GOM_NL__2PRFIN20081103_032020_000000362073_00290_34913_8928.N1	03-NOV-2008 03:20:20	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	34913	No
33	GOM_NL__2PRFIN20081103_032129_000000352073_00290_34913_8929.N1	03-NOV-2008 03:21:29	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	34913	No
34	GOM_NL__2PRFIN20081103_032935_000000342073_00290_34913_8930.N1	03-NOV-2008 03:29:35	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	34913	No
35	GOM_NL__2PRFIN20081103_033331_000000342073_00290_34913_8931.N1	03-NOV-2008 03:33:31	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	34913	No
36	GOM_NL__2PRFIN20081103_033740_000000412073_00290_34913_8932.N1	03-NOV-2008 03:37:40	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	34913	No
37	GOM_NL__2PRFIN20081103_033917_000000382073_00290_34913_8933.N1	03-NOV-2008 03:39:17	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	34913	No
38	GOM_NL__2PRFIN20081103_034301_000000572073_00290_34913_8934.N1	03-NOV-2008 03:43:01	Bright	57.000	174	52Psi UMa	3.0040	4400.0	114	34913	No
39	GOM_NL__2PRFIN20081103_035034_000000412073_00290_34913_8935.N1	03-NOV-2008 03:50:34	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	34913	No
40	GOM_NL__2PRFIN20081103_041030_000000452073_00290_34913_8936.N1	03-NOV-2008 04:10:30	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	34913	No
41	GOM_NL__2PRFIN20081103_041547_000000412073_00291_34914_8934.N1	03-NOV-2008 04:15:47	Dark	41.000	46	Del Vel	1.9540	10600.	82	34914	No
42	GOM_NL__2PRFIN20081103_041705_000000402073_00291_34914_8935.N1	03-NOV-2008 04:17:05	Dark	40.000	41	Eps Car	1.8600	4100.0	80	34914	No

43	GOM_NL__2PRFIN20081103_042218_000000512073_00291_34914_8936.N1	03-NOV-2008 04:22:18	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	34914	No
44	GOM_NL__2PRFIN20081103_043220_000000412073_00291_34914_8937.N1	03-NOV-2008 04:32:20	Straylight	40.500	157	The1Eri	2.9060	9300.0	81	34914	No
45	GOM_NL__2PRFIN20081103_045056_000000382073_00291_34914_8938.N1	03-NOV-2008 04:50:56	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	34914	No
46	GOM_NL__2PRFIN20081103_045501_000000372073_00291_34914_8939.N1	03-NOV-2008 04:55:01	Bright	36.500	53	43Bet And	2.0480	3300.0	73	34914	No
47	GOM_NL__2PRFIN20081103_045719_000000402073_00291_34914_8940.N1	03-NOV-2008 04:57:19	Bright	40.000	73	57Gam1And	2.2600	13100.	80	34914	No
48	GOM_NL__2PRFIN20081103_050056_000000352073_00291_34914_8941.N1	03-NOV-2008 05:00:56	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	34914	No
49	GOM_NL__2PRFIN20081103_050205_000000362073_00291_34914_8942.N1	03-NOV-2008 05:02:05	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	34914	No
50	GOM_NL__2PRFIN20081103_051011_000000362073_00291_34914_8943.N1	03-NOV-2008 05:10:11	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	34914	No
51	GOM_NL__2PRFIN20081103_051407_000000372073_00291_34914_8944.N1	03-NOV-2008 05:14:07	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	34914	No
52	GOM_NL__2PRFIN20081103_051816_000000422073_00291_34914_8945.N1	03-NOV-2008 05:18:16	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	34914	No
53	GOM_NL__2PRFIN20081103_051953_000000372073_00291_34914_8946.N1	03-NOV-2008 05:19:53	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	34914	No
54	GOM_NL__2PRFIN20081103_052337_000000382073_00291_34914_8947.N1	03-NOV-2008 05:23:37	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	34914	No
55	GOM_NL__2PRFIN20081103_053110_000000402073_00291_34914_8948.N1	03-NOV-2008 05:31:10	Bright	39.500	96	68Del Leo	2.5600	9300.0	79	34914	No
56	GOM_NL__2PRFIN20081103_055107_000000422073_00291_34914_8949.N1	03-NOV-2008 05:51:07	Dark	41.500	113	Mu Vel	2.6920	5000.0	83	34914	No
57	GOM_NL__2PRFIN20081103_055623_000000422073_00292_34915_8947.N1	03-NOV-2008 05:56:23	Dark	41.500	46	Del Vel	1.9540	10600.	83	34915	No
58	GOM_NL__2PRFIN20081103_055741_000000532073_00292_34915_8948.N1	03-NOV-2008 05:57:41	Dark	53.000	41	Eps Car	1.8600	4100.0	106	34915	No
59	GOM_NL__2PRFIN20081103_060255_000000492073_00292_34915_8949.N1	03-NOV-2008 06:02:55	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34915	No
60	GOM_NL__2PRFIN20081103_061256_000000402073_00292_34915_8950.N1	03-NOV-2008 06:12:56	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	34915	No
61	GOM_NL__2PRFIN20081103_063132_000000382073_00292_34915_8951.N1	03-NOV-2008 06:31:32	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	34915	No
62	GOM_NL__2PRFIN20081103_063537_000000362073_00292_34915_8952.N1	03-NOV-2008 06:35:37	Bright	35.500	53	43Bet And	2.0480	3300.0	71	34915	No
63	GOM_NL__2PRFIN20081103_063755_000000392073_00292_34915_8953.N1	03-NOV-2008 06:37:55	Bright	38.500	73	57Gam1And	2.2600	13100.	77	34915	No
64	GOM_NL__2PRFIN20081103_064132_000000342073_00292_34915_8954.N1	03-NOV-2008 06:41:32	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	34915	No
65	GOM_NL__2PRFIN20081103_064241_000000332073_00292_34915_8955.N1	03-NOV-2008 06:42:41	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	34915	No
66	GOM_NL__2PRFIN20081103_065047_000000372073_00292_34915_8956.N1	03-NOV-2008 06:50:47	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	34915	No
67	GOM_NL__2PRFIN20081103_065443_000000372073_00292_34915_8957.N1	03-NOV-2008 06:54:43	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	34915	No
68	GOM_NL__2PRFIN20081103_065852_000000382073_00292_34915_8958.N1	03-NOV-2008 06:58:52	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	34915	No
69	GOM_NL__2PRFIN20081103_070029_000000382073_00292_34915_8959.N1	03-NOV-2008 07:00:29	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	34915	No
70	GOM_NL__2PRFIN20081103_070413_000000402073_00292_34915_8960.N1	03-NOV-2008 07:04:13	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	34915	No
71	GOM_NL__2PRFIN20081103_071146_000000392073_00292_34915_8961.N1	03-NOV-2008 07:11:46	Bright	39.000	96	68Del Leo	2.5600	9300.0	78	34915	No
72	GOM_NL__2PRFIN20081103_073143_000000442073_00292_34915_8962.N1	03-NOV-2008 07:31:43	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	34915	No
73	GOM_NL__2PRFIN20081103_073700_000000402073_00293_34916_8960.N1	03-NOV-2008 07:37:00	Dark	40.000	46	Del Vel	1.9540	10600.	80	34916	No
74	GOM_NL__2PRFIN20081103_073818_000000432073_00293_34916_8961.N1	03-NOV-2008 07:38:18	Dark	42.500	41	Eps Car	1.8600	4100.0	85	34916	No
75	GOM_NL__2PRFIN20081103_074332_000000492073_00293_34916_8962.N1	03-NOV-2008 07:43:32	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34916	No
76	GOM_NL__2PRFIN20081103_075333_000000392073_00293_34916_8963.N1	03-NOV-2008 07:53:33	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	34916	No
77	GOM_NL__2PRFIN20081103_081208_000000392073_00293_34916_8964.N1	03-NOV-2008 08:12:08	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	34916	No
78	GOM_NL__2PRFIN20081103_081613_000000362073_00293_34916_8965.N1	03-NOV-2008 08:16:13	Bright	35.500	53	43Bet And	2.0480	3300.0	71	34916	No
79	GOM_NL__2PRFIN20081103_081831_000000392073_00293_34916_8966.N1	03-NOV-2008 08:18:31	Bright	39.000	73	57Gam1And	2.2600	13100.	78	34916	No
80	GOM_NL__2PRFIN20081103_083123_000000342073_00293_34916_8967.N1	03-NOV-2008 08:31:23	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	34916	No
81	GOM_NL__2PRFIN20081103_083519_000000362073_00293_34916_8968.N1	03-NOV-2008 08:35:19	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	34916	No
82	GOM_NL__2PRFIN20081103_083928_000000402073_00293_34916_8969.N1	03-NOV-2008 08:39:28	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	34916	No
83	GOM_NL__2PRFIN20081103_084105_000000382073_00293_34916_8970.N1	03-NOV-2008 08:41:05	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	34916	No
84	GOM_NL__2PRFIN20081103_084449_000000382073_00293_34916_8971.N1	03-NOV-2008 08:44:49	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	34916	No
85	GOM_NL__2PRFIN20081103_085222_000000592073_00293_34916_8972.N1	03-NOV-2008 08:52:22	Bright	59.000	96	68Del Leo	2.5600	9300.0	118	34916	No
86	GOM_NL__2PRFIN20081103_091220_000000412073_00293_34916_8973.N1	03-NOV-2008 09:12:20	Dark	40.500	113	Mu Vel	2.6920	5000.0	81	34916	No
87	GOM_NL__2PRFIN20081103_091736_000000422073_00294_34917_8980.N1	03-NOV-2008 09:17:36	Dark	42.000	46	Del Vel	1.9540	10600.	84	34917	No
88	GOM_NL__2PRFIN20081103_091854_000000512073_00294_34917_8981.N1	03-NOV-2008 09:18:54	Dark	51.000	41	Eps Car	1.8600	4100.0	102	34917	No
89	GOM_NL__2PRFIN20081103_092408_000000482073_00294_34917_8982.N1	03-NOV-2008 09:24:08	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	34917	No
90	GOM_NL__2PRFIN20081103_093409_000000402073_00294_34917_8983.N1	03-NOV-2008 09:34:09	Straylight	39.500	157	The1Eri	2.9060	9300.0	79	34917	No
91	GOM_NL__2PRFIN20081103_095243_000000382073_00294_34917_8984.N1	03-NOV-2008 09:52:43	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	34917	No
92	GOM_NL__2PRFIN20081103_095649_000000362073_00294_34917_8985.N1	03-NOV-2008 09:56:49	Bright	36.000	53	43Bet And	2.0480	3300.0	72	34917	No
93	GOM_NL__2PRFIN20081103_095906_000000382073_00294_34917_8986.N1	03-NOV-2008 09:59:06	Bright	37.500	73	57Gam1And	2.2600	13100.	75	34917	No
94	GOM_NL__2PRFIN20081103_101158_000000362073_00294_34917_8987.N1	03-NOV-2008 10:11:58	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	34917	No
95	GOM_NL__2PRFIN20081103_101555_000000372073_00294_34917_8988.N1	03-NOV-2008 10:15:55	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	34917	No
96	GOM_NL__2PRFIN20081103_102003_000000382073_00294_34917_8989.N1	03-NOV-2008 10:20:03	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	34917	No
97	GOM_NL__2PRFIN20081103_102140_000000382073_00294_34917_8990.N1	03-NOV-2008 10:21:40	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	34917	No
98	GOM_NL__2PRFIN20081103_102525_000000392073_00294_34917_8991.N1	03-NOV-2008 10:25:25	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	34917	No
99	GOM_NL__2PRFIN20081103_103258_000000572073_00294_34917_8992.N1	03-NOV-2008 10:32:58	Bright	56.500	96	68Del Leo	2.5600	9300.0	113	34917	No
100	GOM_NL__2PRFIN20081103_105256_000000412073_00294_34917_8993.N1	03-NOV-2008 10:52:56	Dark	40.500	113	Mu Vel	2.6920	5000.0	81	34917	No
101	GOM_NL__2PRFIN20081103_105813_000000412073_00295_34918_8994.N1	03-NOV-2008 10:58:13	Dark	41.000	46	Del Vel	1.9540	10600.	82	34918	No

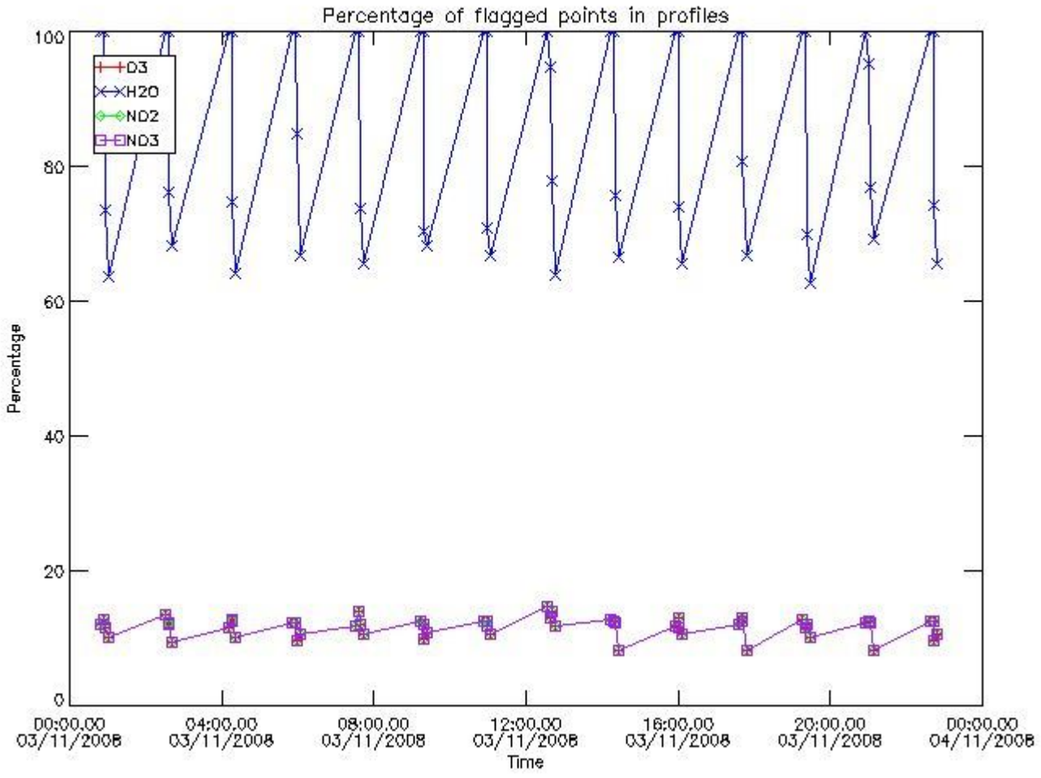
102	GOM_NL__2PRFIN20081103_105931_000000442073_00295_34918_8995.N1	03-NOV-2008 10:59:31	Dark	43.500	41	Eps Car	1.8600	4100.0	87	34918	No
103	GOM_NL__2PRFIN20081103_110445_000000492073_00295_34918_8996.N1	03-NOV-2008 11:04:45	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34918	No
104	GOM_NL__2PRFIN20081103_111445_000000392073_00295_34918_8997.N1	03-NOV-2008 11:14:45	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	34918	No
105	GOM_NL__2PRFIN20081103_113319_000000382073_00295_34918_8998.N1	03-NOV-2008 11:33:19	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	34918	No
106	GOM_NL__2PRFIN20081103_113725_000000382073_00295_34918_8999.N1	03-NOV-2008 11:37:25	Bright	37.500	53	43Bet And	2.0480	3300.0	75	34918	No
107	GOM_NL__2PRFIN20081103_113942_000000402073_00295_34918_9000.N1	03-NOV-2008 11:39:42	Bright	39.500	73	57Gam1And	2.2600	13100.	79	34918	No
108	GOM_NL__2PRFIN20081103_114320_000000372073_00295_34918_9001.N1	03-NOV-2008 11:43:20	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	34918	No
109	GOM_NL__2PRFIN20081103_115234_000000362073_00295_34918_9002.N1	03-NOV-2008 11:52:34	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	34918	No
110	GOM_NL__2PRFIN20081103_115631_000000372073_00295_34918_9003.N1	03-NOV-2008 11:56:31	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	34918	No
111	GOM_NL__2PRFIN20081103_120039_000000392073_00295_34918_9004.N1	03-NOV-2008 12:00:39	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	34918	No
112	GOM_NL__2PRFIN20081103_120216_000000402073_00295_34918_9005.N1	03-NOV-2008 12:02:16	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	34918	No
113	GOM_NL__2PRFIN20081103_120601_000000402073_00295_34918_9006.N1	03-NOV-2008 12:06:01	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	34918	No
114	GOM_NL__2PRFIN20081103_121335_000000402073_00295_34918_9007.N1	03-NOV-2008 12:13:35	Bright	39.500	96	68Del Leo	2.5600	9300.0	79	34918	No
115	GOM_NL__2PRFIN20081103_123332_000000382073_00295_34918_9008.N1	03-NOV-2008 12:33:32	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	34918	No
116	GOM_NL__2PRFIN20081103_123850_000000392073_00296_34919_9006.N1	03-NOV-2008 12:38:50	Dark	39.000	46	Del Vel	1.9540	10600.	78	34919	No
117	GOM_NL__2PRFIN20081103_124007_000000442073_00296_34919_9007.N1	03-NOV-2008 12:40:07	Dark	43.500	41	Eps Car	1.8600	4100.0	87	34919	No
118	GOM_NL__2PRFIN20081103_124522_000000482073_00296_34919_9008.N1	03-NOV-2008 12:45:22	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	34919	No
119	GOM_NL__2PRFIN20081103_125521_000000392073_00296_34919_9009.N1	03-NOV-2008 12:55:21	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	34919	No
120	GOM_NL__2PRFIN20081103_131355_000000372073_00296_34919_9010.N1	03-NOV-2008 13:13:55	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	34919	No
121	GOM_NL__2PRFIN20081103_131801_000000372073_00296_34919_9011.N1	03-NOV-2008 13:18:01	Bright	36.500	53	43Bet And	2.0480	3300.0	73	34919	No
122	GOM_NL__2PRFIN20081103_132018_000000392073_00296_34919_9012.N1	03-NOV-2008 13:20:18	Bright	38.500	73	57Gam1And	2.2600	13100.	77	34919	No
123	GOM_NL__2PRFIN20081103_132356_000000372073_00296_34919_9013.N1	03-NOV-2008 13:23:56	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	34919	No
124	GOM_NL__2PRFIN20081103_133310_000000362073_00296_34919_9014.N1	03-NOV-2008 13:33:10	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	34919	No
125	GOM_NL__2PRFIN20081103_133707_000000352073_00296_34919_9015.N1	03-NOV-2008 13:37:07	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	34919	No
126	GOM_NL__2PRFIN20081103_134115_000000392073_00296_34919_9016.N1	03-NOV-2008 13:41:15	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	34919	No
127	GOM_NL__2PRFIN20081103_134252_000000392073_00296_34919_9017.N1	03-NOV-2008 13:42:52	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	34919	No
128	GOM_NL__2PRFIN20081103_134637_000000392073_00296_34919_9018.N1	03-NOV-2008 13:46:37	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	34919	No
129	GOM_NL__2PRFIN20081103_135411_000000392073_00296_34919_9019.N1	03-NOV-2008 13:54:11	Bright	39.000	96	68Del Leo	2.5600	9300.0	78	34919	No
130	GOM_NL__2PRFIN20081103_141409_000000402073_00296_34919_9020.N1	03-NOV-2008 14:14:09	Dark	40.000	113	Mu Vel	2.6920	5000.0	80	34919	No
131	GOM_NL__2PRFIN20081103_141926_000000412073_00297_34920_9020.N1	03-NOV-2008 14:19:26	Dark	41.000	46	Del Vel	1.9540	10600.	82	34920	No
132	GOM_NL__2PRFIN20081103_142044_000000422073_00297_34920_9021.N1	03-NOV-2008 14:20:44	Dark	41.500	41	Eps Car	1.8600	4100.0	83	34920	No
133	GOM_NL__2PRFIN20081103_142558_000000622073_00297_34920_9022.N1	03-NOV-2008 14:25:58	Dark	61.500	2	Alp Car	-0.73600	7000.0	123	34920	No
134	GOM_NL__2PRFIN20081103_143557_000000392073_00297_34920_9023.N1	03-NOV-2008 14:35:57	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	34920	No
135	GOM_NL__2PRFIN20081103_145431_000000392073_00297_34920_9024.N1	03-NOV-2008 14:54:31	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	34920	No
136	GOM_NL__2PRFIN20081103_145837_000000362073_00297_34920_9025.N1	03-NOV-2008 14:58:37	Bright	35.500	53	43Bet And	2.0480	3300.0	71	34920	No
137	GOM_NL__2PRFIN20081103_150053_000000382073_00297_34920_9026.N1	03-NOV-2008 15:00:53	Bright	38.000	73	57Gam1And	2.2600	13100.	76	34920	No
138	GOM_NL__2PRFIN20081103_150432_000000352073_00297_34920_9027.N1	03-NOV-2008 15:04:32	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	34920	No
139	GOM_NL__2PRFIN20081103_151346_000000362073_00297_34920_9028.N1	03-NOV-2008 15:13:46	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	34920	No
140	GOM_NL__2PRFIN20081103_151743_000000342073_00297_34920_9029.N1	03-NOV-2008 15:17:43	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	34920	No
141	GOM_NL__2PRFIN20081103_152151_000000402073_00297_34920_9030.N1	03-NOV-2008 15:21:51	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	34920	No
142	GOM_NL__2PRFIN20081103_152328_000000402073_00297_34920_9031.N1	03-NOV-2008 15:23:28	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	34920	No
143	GOM_NL__2PRFIN20081103_152713_000000372073_00297_34920_9032.N1	03-NOV-2008 15:27:13	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	34920	No
144	GOM_NL__2PRFIN20081103_153447_000000402073_00297_34920_9033.N1	03-NOV-2008 15:34:47	Bright	39.500	96	68Del Leo	2.5600	9300.0	79	34920	No
145	GOM_NL__2PRFIN20081103_155445_000000432073_00297_34920_9034.N1	03-NOV-2008 15:54:45	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	34920	No
146	GOM_NL__2PRFIN20081103_160003_000000402073_00298_34921_9030.N1	03-NOV-2008 16:00:03	Dark	39.500	46	Del Vel	1.9540	10600.	79	34921	No
147	GOM_NL__2PRFIN20081103_160120_000000452073_00298_34921_9031.N1	03-NOV-2008 16:01:20	Dark	44.500	41	Eps Car	1.8600	4100.0	89	34921	No
148	GOM_NL__2PRFIN20081103_160635_000000492073_00298_34921_9032.N1	03-NOV-2008 16:06:35	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34921	No
149	GOM_NL__2PRFIN20081103_161634_000000392073_00298_34921_9033.N1	03-NOV-2008 16:16:34	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	34921	No
150	GOM_NL__2PRFIN20081103_163507_000000372073_00298_34921_9034.N1	03-NOV-2008 16:35:07	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	34921	No
151	GOM_NL__2PRFIN20081103_163913_000000372073_00298_34921_9035.N1	03-NOV-2008 16:39:13	Bright	37.000	53	43Bet And	2.0480	3300.0	74	34921	No
152	GOM_NL__2PRFIN20081103_164129_000000392073_00298_34921_9036.N1	03-NOV-2008 16:41:29	Bright	39.000	73	57Gam1And	2.2600	13100.	78	34921	No
153	GOM_NL__2PRFIN20081103_164508_000000522073_00298_34921_9037.N1	03-NOV-2008 16:45:08	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	34921	No
154	GOM_NL__2PRFIN20081103_165422_000000382073_00298_34921_9038.N1	03-NOV-2008 16:54:22	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	34921	No
155	GOM_NL__2PRFIN20081103_165819_000000382073_00298_34921_9039.N1	03-NOV-2008 16:58:19	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	34921	No
156	GOM_NL__2PRFIN20081103_170227_000000382073_00298_34921_9040.N1	03-NOV-2008 17:02:27	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	34921	No
157	GOM_NL__2PRFIN20081103_170404_000000402073_00298_34921_9041.N1	03-NOV-2008 17:04:04	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	34921	No
158	GOM_NL__2PRFIN20081103_170749_000000442073_00298_34921_9042.N1	03-NOV-2008 17:07:49	Bright	44.000	174	52Psi UMa	3.0040	4400.0	88	34921	No
159	GOM_NL__2PRFIN20081103_171523_000000412073_00298_34921_9043.N1	03-NOV-2008 17:15:23	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	34921	No
160	GOM_NL__2PRFIN20081103_173521_000000432073_00298_34921_9044.N1	03-NOV-2008 17:35:21	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	34921	No

161	GOM_NL__2PRFIN20081103_174039_000000412073_00299_34922_9052.N1	03-NOV-2008 17:40:39	Dark	41.000	46	Del Vel	1.9540	10600.	82	34922	No
162	GOM_NL__2PRFIN20081103_174157_000000472073_00299_34922_9053.N1	03-NOV-2008 17:41:57	Dark	47.000	41	Eps Car	1.8600	4100.0	94	34922	No
163	GOM_NL__2PRFIN20081103_174712_000000622073_00299_34922_9054.N1	03-NOV-2008 17:47:12	Dark	61.500	2	Alp Car	-0.73600	7000.0	123	34922	No
164	GOM_NL__2PRFIN20081103_175710_000000402073_00299_34922_9055.N1	03-NOV-2008 17:57:10	Straylight	39.500	157	The1Eri	2.9060	9300.0	79	34922	No
165	GOM_NL__2PRFIN20081103_181542_000000392073_00299_34922_9056.N1	03-NOV-2008 18:15:42	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	34922	No
166	GOM_NL__2PRFIN20081103_181949_000000382073_00299_34922_9057.N1	03-NOV-2008 18:19:49	Bright	37.500	53	43Bet And	2.0480	3300.0	75	34922	No
167	GOM_NL__2PRFIN20081103_182205_000000402073_00299_34922_9058.N1	03-NOV-2008 18:22:05	Bright	40.000	73	57Gam1And	2.2600	13100.	80	34922	No
168	GOM_NL__2PRFIN20081103_182544_000000352073_00299_34922_9059.N1	03-NOV-2008 18:25:44	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	34922	No
169	GOM_NL__2PRFIN20081103_183458_000000372073_00299_34922_9060.N1	03-NOV-2008 18:34:58	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	34922	No
170	GOM_NL__2PRFIN20081103_183855_000000382073_00299_34922_9061.N1	03-NOV-2008 18:38:55	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	34922	No
171	GOM_NL__2PRFIN20081103_184302_000000412073_00299_34922_9062.N1	03-NOV-2008 18:43:02	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	34922	No
172	GOM_NL__2PRFIN20081103_184440_000000392073_00299_34922_9063.N1	03-NOV-2008 18:44:40	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	34922	No
173	GOM_NL__2PRFIN20081103_184825_000000392073_00299_34922_9064.N1	03-NOV-2008 18:48:25	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	34922	No
174	GOM_NL__2PRFIN20081103_185559_000000402073_00299_34922_9065.N1	03-NOV-2008 18:55:59	Bright	39.500	96	68Del Leo	2.5600	9300.0	79	34922	No
175	GOM_NL__2PRFIN20081103_191558_000000402073_00299_34922_9066.N1	03-NOV-2008 19:15:58	Dark	40.000	113	Mu Vel	2.6920	5000.0	80	34922	No
176	GOM_NL__2PRFIN20081103_192116_000000442073_00300_34923_9071.N1	03-NOV-2008 19:21:16	Dark	44.000	46	Del Vel	1.9540	10600.	88	34923	No
177	GOM_NL__2PRFIN20081103_192233_000000422073_00300_34923_9072.N1	03-NOV-2008 19:22:33	Dark	42.000	41	Eps Car	1.8600	4100.0	84	34923	No
178	GOM_NL__2PRFIN20081103_192749_000000502073_00300_34923_9073.N1	03-NOV-2008 19:27:49	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	34923	No
179	GOM_NL__2PRFIN20081103_193746_000000402073_00300_34923_9074.N1	03-NOV-2008 19:37:46	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	34923	No
180	GOM_NL__2PRFIN20081103_195618_000000382073_00300_34923_9075.N1	03-NOV-2008 19:56:18	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	34923	No
181	GOM_NL__2PRFIN20081103_200025_000000382073_00300_34923_9076.N1	03-NOV-2008 20:00:25	Bright	37.500	53	43Bet And	2.0480	3300.0	75	34923	No
182	GOM_NL__2PRFIN20081103_200241_000000362073_00300_34923_9077.N1	03-NOV-2008 20:02:41	Bright	36.000	73	57Gam1And	2.2600	13100.	72	34923	No
183	GOM_NL__2PRFIN20081103_200620_000000352073_00300_34923_9078.N1	03-NOV-2008 20:06:20	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	34923	No
184	GOM_NL__2PRFIN20081103_201534_000000362073_00300_34923_9079.N1	03-NOV-2008 20:15:34	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	34923	No
185	GOM_NL__2PRFIN20081103_201932_000000362073_00300_34923_9080.N1	03-NOV-2008 20:19:32	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	34923	No
186	GOM_NL__2PRFIN20081103_202338_000000372073_00300_34923_9081.N1	03-NOV-2008 20:23:38	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	34923	No
187	GOM_NL__2PRFIN20081103_202516_000000402073_00300_34923_9082.N1	03-NOV-2008 20:25:16	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	34923	No
188	GOM_NL__2PRFIN20081103_202901_000000392073_00300_34923_9083.N1	03-NOV-2008 20:29:01	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	34923	No
189	GOM_NL__2PRFIN20081103_203636_000000392073_00300_34923_9084.N1	03-NOV-2008 20:36:36	Bright	39.000	96	68Del Leo	2.5600	9300.0	78	34923	No
190	GOM_NL__2PRFIN20081103_205634_000000422073_00300_34923_9085.N1	03-NOV-2008 20:56:34	Dark	41.500	113	Mu Vel	2.6920	5000.0	83	34923	No
191	GOM_NL__2PRFIN20081103_210153_000000412073_00301_34924_9084.N1	03-NOV-2008 21:01:53	Dark	41.000	46	Del Vel	1.9540	10600.	82	34924	No
192	GOM_NL__2PRFIN20081103_210310_000000422073_00301_34924_9085.N1	03-NOV-2008 21:03:10	Dark	41.500	41	Eps Car	1.8600	4100.0	83	34924	No
193	GOM_NL__2PRFIN20081103_210825_000000622073_00301_34924_9086.N1	03-NOV-2008 21:08:25	Dark	62.000	2	Alp Car	-0.73600	7000.0	124	34924	No
194	GOM_NL__2PRFIN20081103_211822_000000392073_00301_34924_9087.N1	03-NOV-2008 21:18:22	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	34924	No
195	GOM_NL__2PRFIN20081103_213654_000000382073_00301_34924_9088.N1	03-NOV-2008 21:36:54	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	34924	No
196	GOM_NL__2PRFIN20081103_214101_000000382073_00301_34924_9089.N1	03-NOV-2008 21:41:01	Bright	38.000	53	43Bet And	2.0480	3300.0	76	34924	No
197	GOM_NL__2PRFIN20081103_214316_000000382073_00301_34924_9090.N1	03-NOV-2008 21:43:16	Bright	37.500	73	57Gam1And	2.2600	13100.	75	34924	No
198	GOM_NL__2PRFIN20081103_214656_000000332073_00301_34924_9091.N1	03-NOV-2008 21:46:56	Bright	33.000	68	18Alp Cas	2.2250	4500.0	66	34924	No
199	GOM_NL__2PRFIN20081103_215610_000000352073_00301_34924_9092.N1	03-NOV-2008 21:56:10	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	34924	No
200	GOM_NL__2PRFIN20081103_220008_000000382073_00301_34924_9093.N1	03-NOV-2008 22:00:08	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	34924	No
201	GOM_NL__2PRFIN20081103_220414_000000392073_00301_34924_9094.N1	03-NOV-2008 22:04:14	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	34924	No
202	GOM_NL__2PRFIN20081103_220551_000000502073_00301_34924_9095.N1	03-NOV-2008 22:05:51	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	34924	No
203	GOM_NL__2PRFIN20081103_220936_000000542073_00301_34924_9096.N1	03-NOV-2008 22:09:36	Bright	54.000	174	52Psi UMa	3.0040	4400.0	108	34924	No
204	GOM_NL__2PRFIN20081103_221712_000000382073_00301_34924_9097.N1	03-NOV-2008 22:17:12	Bright	37.500	96	68Del Leo	2.5600	9300.0	75	34924	No
205	GOM_NL__2PRFIN20081103_223711_000000412073_00301_34924_9098.N1	03-NOV-2008 22:37:11	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	34924	No
206	GOM_NL__2PRFIN20081103_224229_000000412073_00302_34925_9097.N1	03-NOV-2008 22:42:29	Dark	41.000	46	Del Vel	1.9540	10600.	82	34925	No
207	GOM_NL__2PRFIN20081103_224346_000000532073_00302_34925_9098.N1	03-NOV-2008 22:43:46	Dark	53.000	41	Eps Car	1.8600	4100.0	106	34925	No
208	GOM_NL__2PRFIN20081103_224902_000000492073_00302_34925_9099.N1	03-NOV-2008 22:49:02	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34925	No
209	GOM_NL__2PRFIN20081103_225858_000000392073_00302_34925_9100.N1	03-NOV-2008 22:58:58	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	34925	No
210	GOM_NL__2PRFIN20081103_231730_000000362073_00302_34925_9101.N1	03-NOV-2008 23:17:30	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	34925	No
211	GOM_NL__2PRFIN20081103_232136_000000372073_00302_34925_9102.N1	03-NOV-2008 23:21:36	Bright	36.500	53	43Bet And	2.0480	3300.0	73	34925	No
212	GOM_NL__2PRFIN20081103_232352_000000392073_00302_34925_9103.N1	03-NOV-2008 23:23:52	Bright	38.500	73	57Gam1And	2.2600	13100.	77	34925	No
213	GOM_NL__2PRFIN20081103_232732_000000362073_00302_34925_9104.N1	03-NOV-2008 23:27:32	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	34925	No
214	GOM_NL__2PRFIN20081103_233646_000000362073_00302_34925_9105.N1	03-NOV-2008 23:36:46	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	34925	No
215	GOM_NL__2PRFIN20081103_234044_000000352073_00302_34925_9106.N1	03-NOV-2008 23:40:44	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	34925	No
216	GOM_NL__2PRFIN20081103_234450_000000402073_00302_34925_9107.N1	03-NOV-2008 23:44:50	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	34925	No
217	GOM_NL__2PRFIN20081103_234627_000000382073_00302_34925_9108.N1	03-NOV-2008 23:46:27	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	34925	No
218	GOM_NL__2PRFIN20081103_235012_000000382073_00302_34925_9109.N1	03-NOV-2008 23:50:12	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	34925	No
219	GOM_NL__2PRFIN20081103_235748_000000392073_00302_34925_9110.N1	03-NOV-2008 23:57:48	Bright	38.500	96	68Del Leo	2.5600	9300.0	77	34925	No

3. Quality information per product

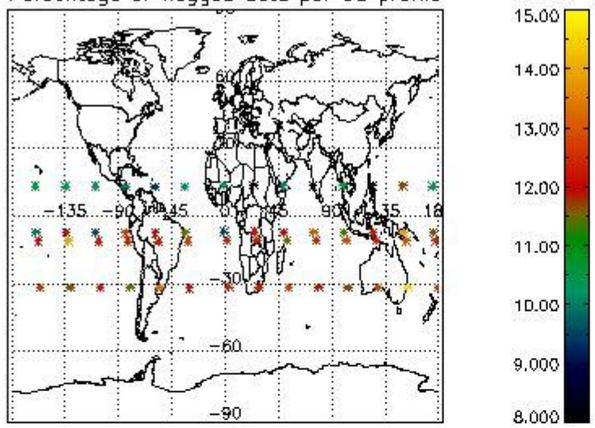
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

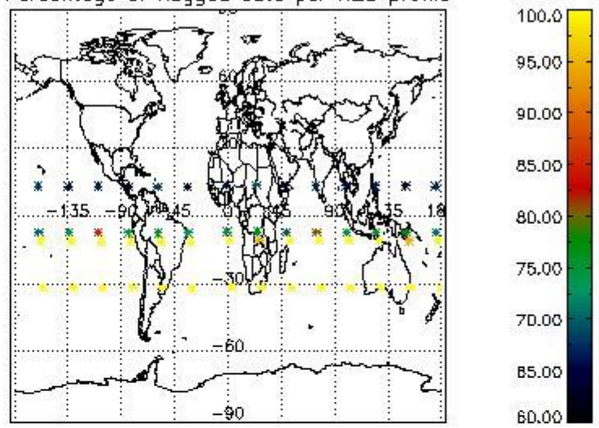


3.2 Plot quality information per product (world map)

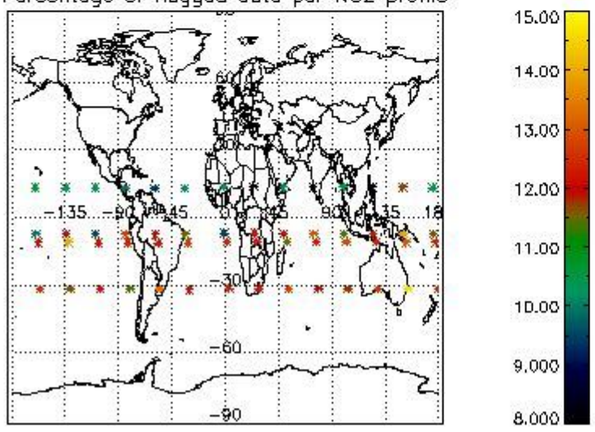
Percentage of flagged data per O3 profile



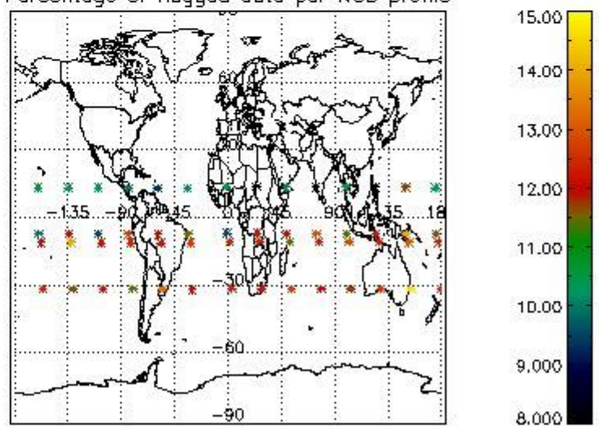
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

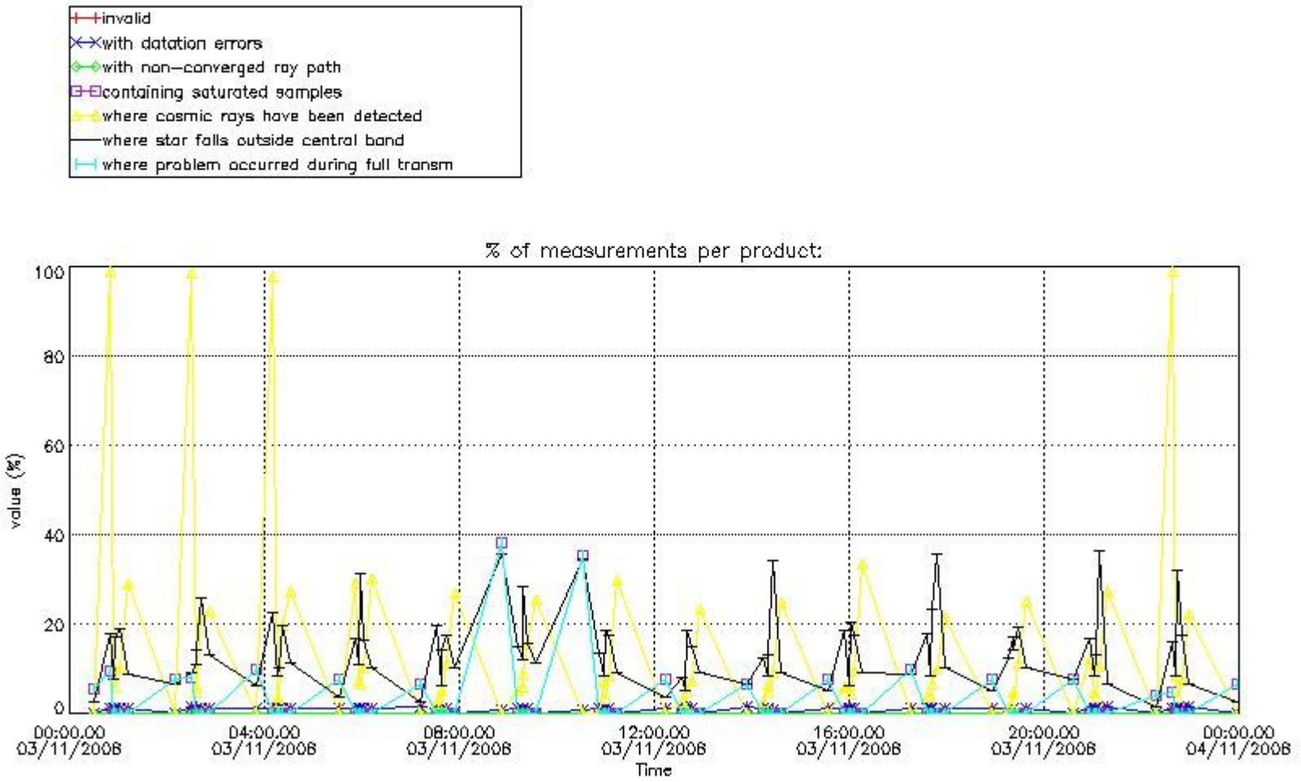


4. Level 1 quality information per product

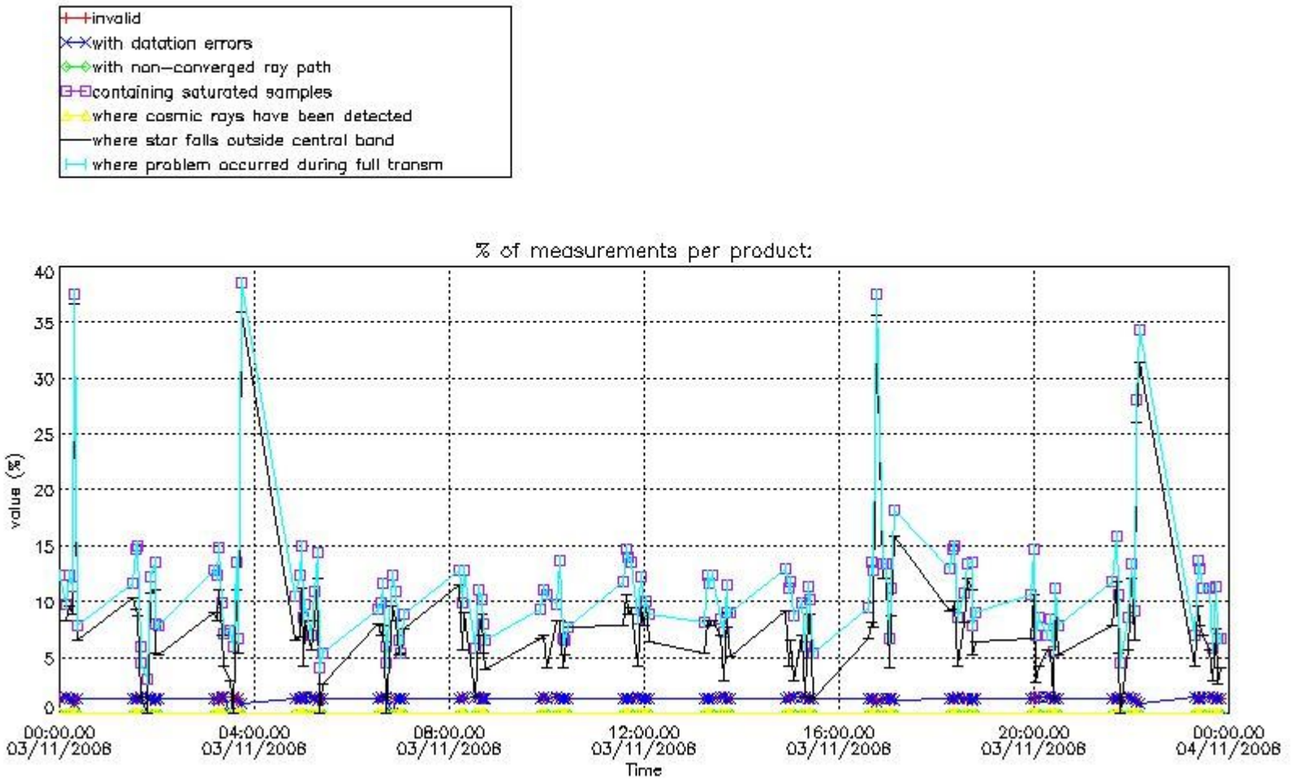
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

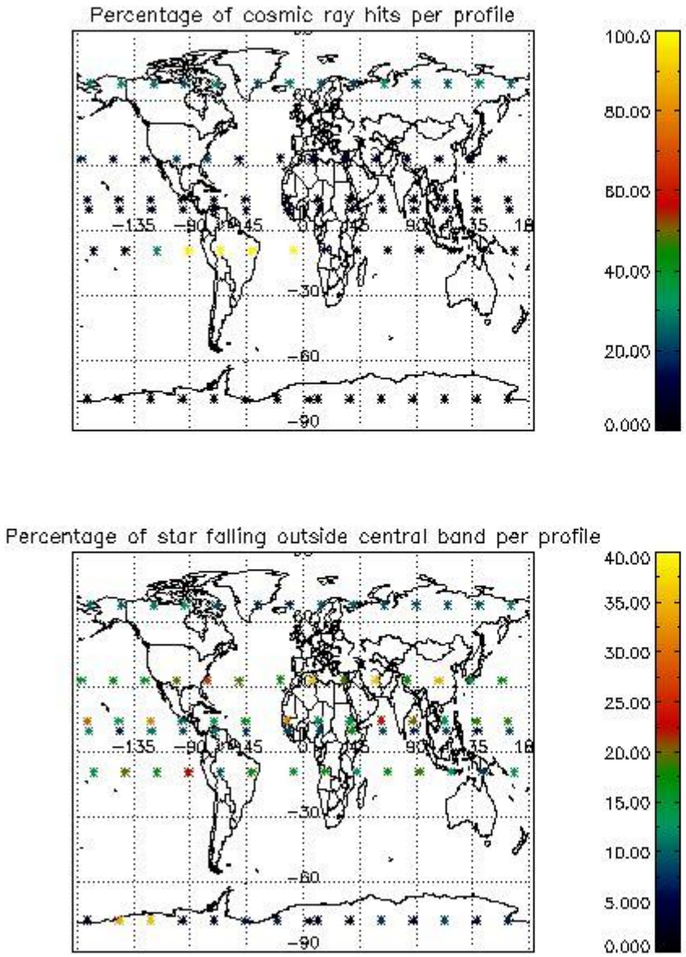


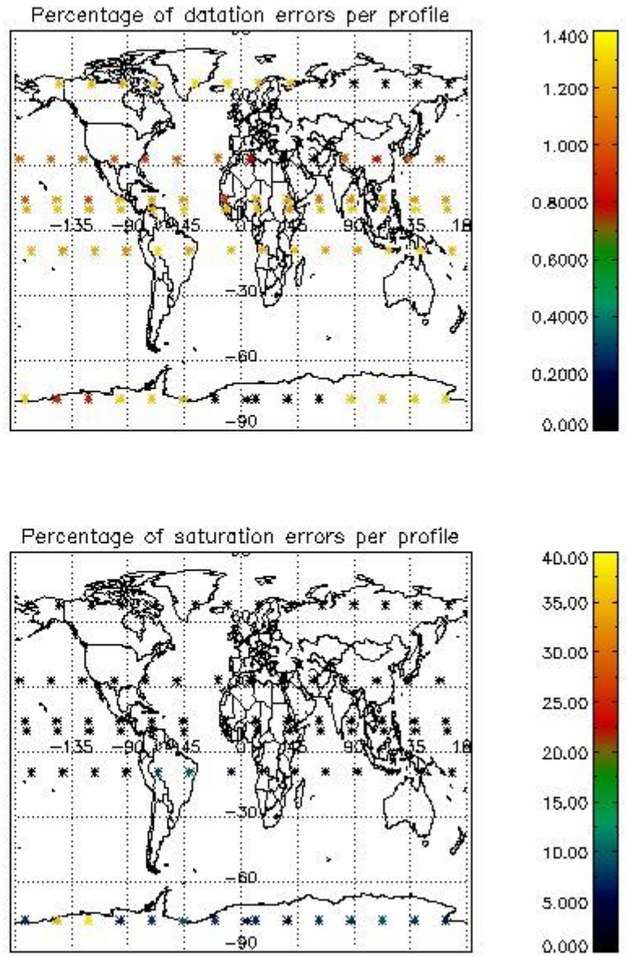
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



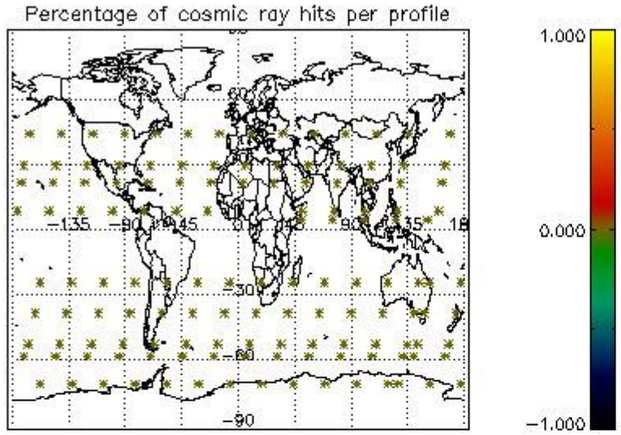
4.2 Plot quality information per product comming from level 1b processing (world map)

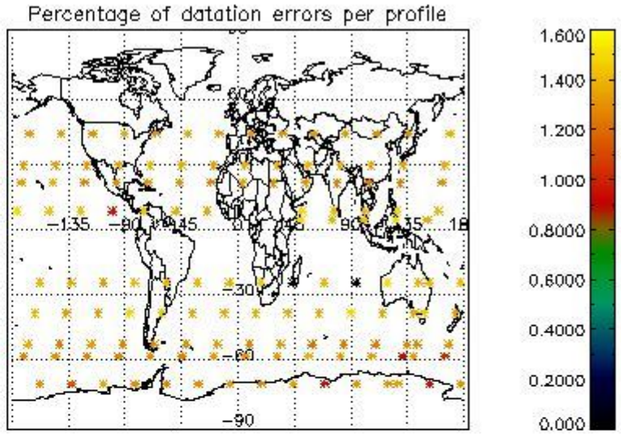
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

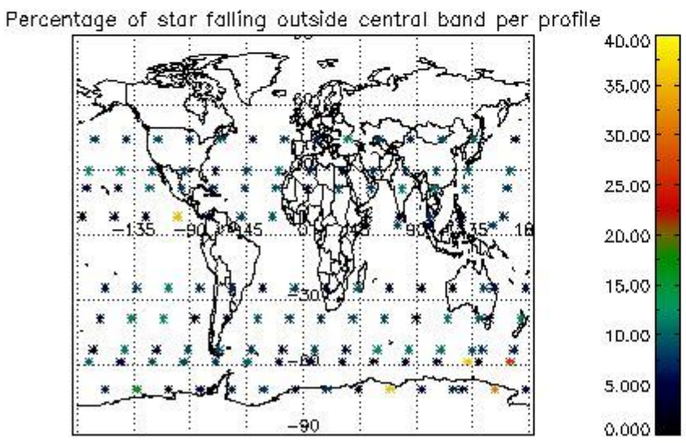


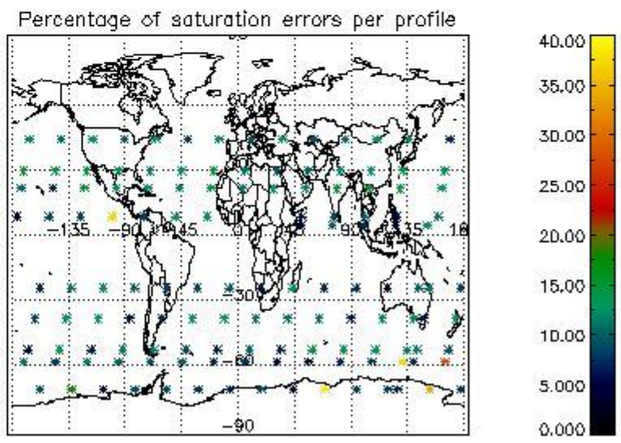


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









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

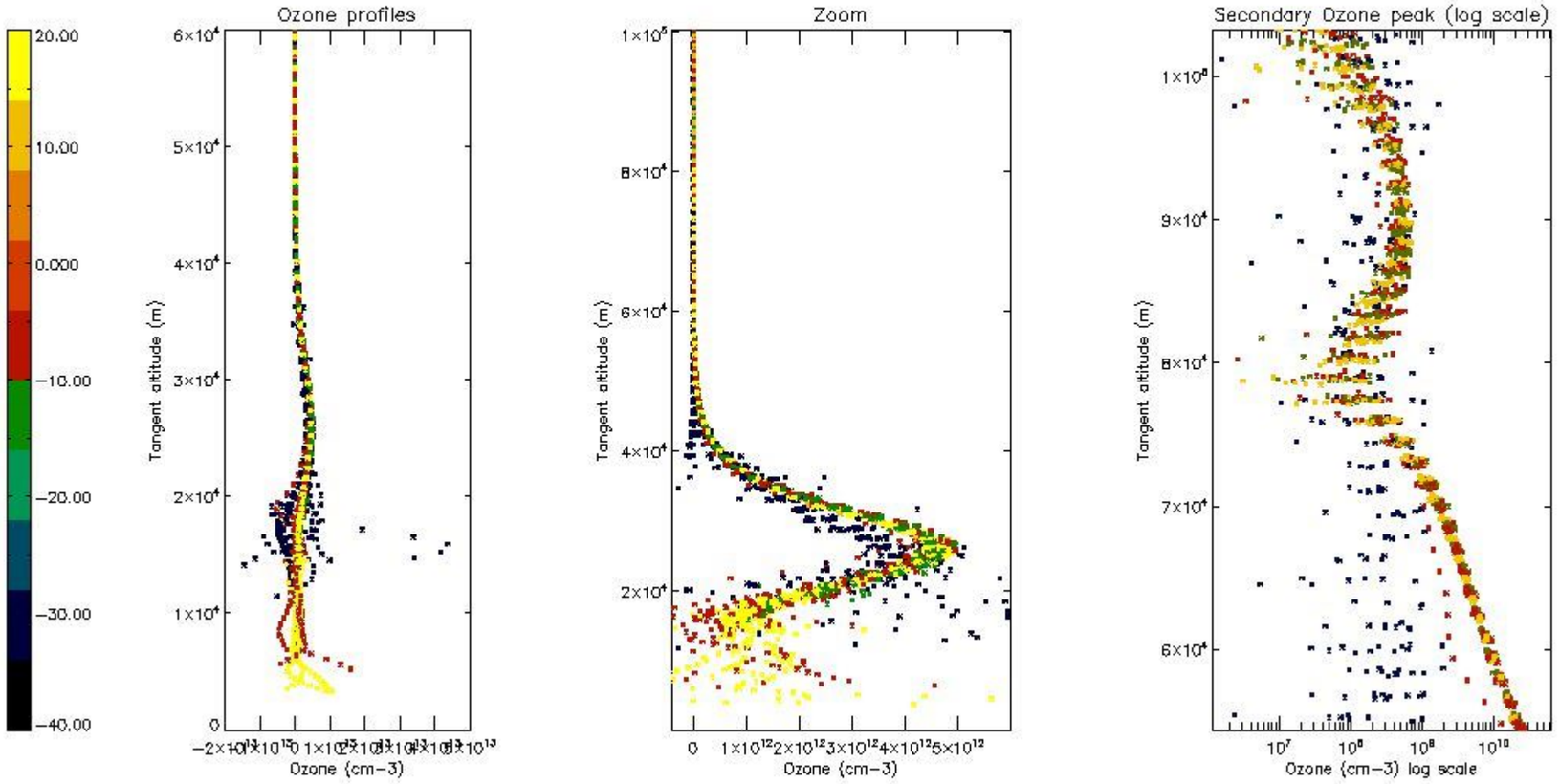
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	16

STD < 10	12
STD < 5	6

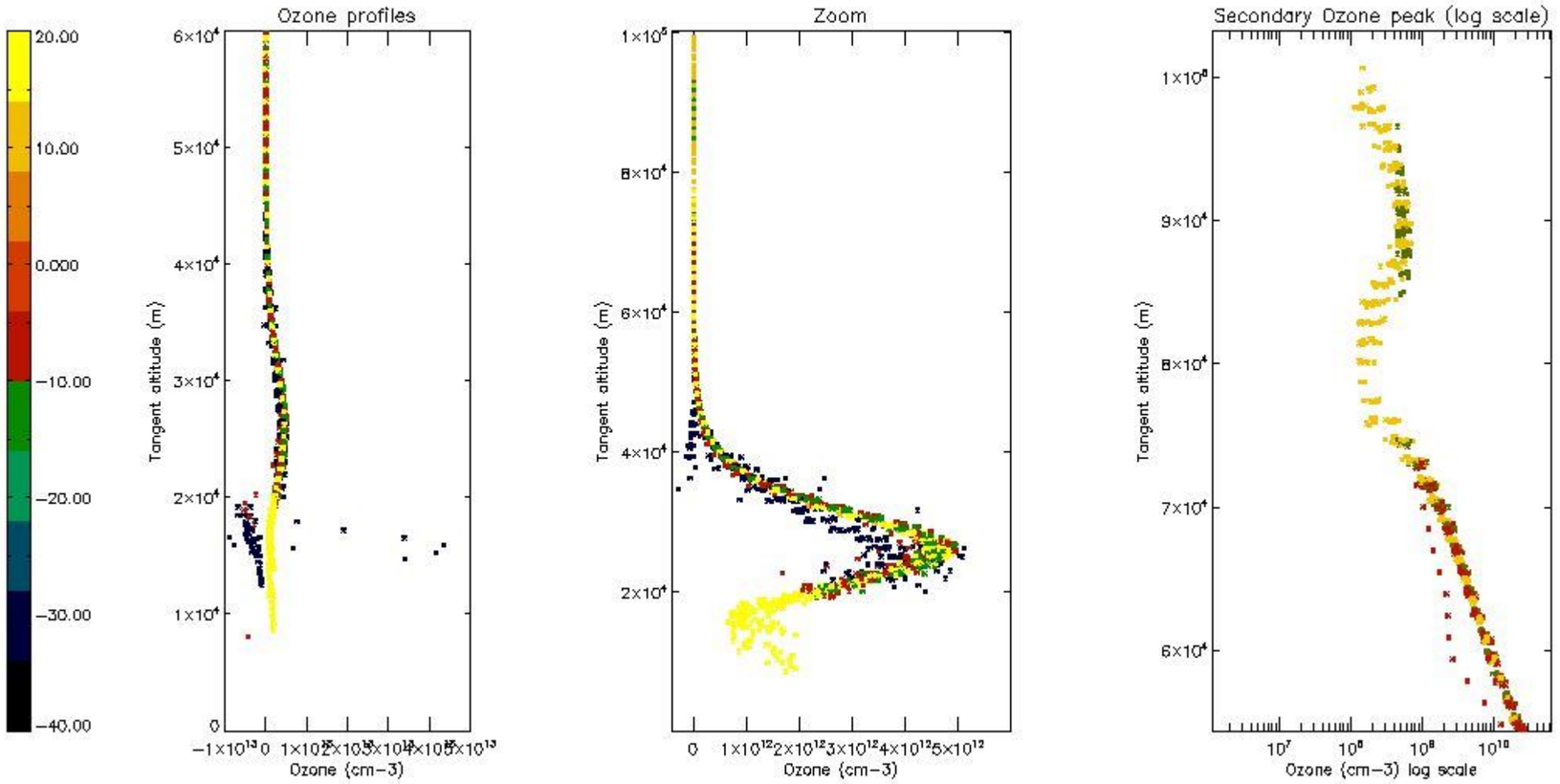
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



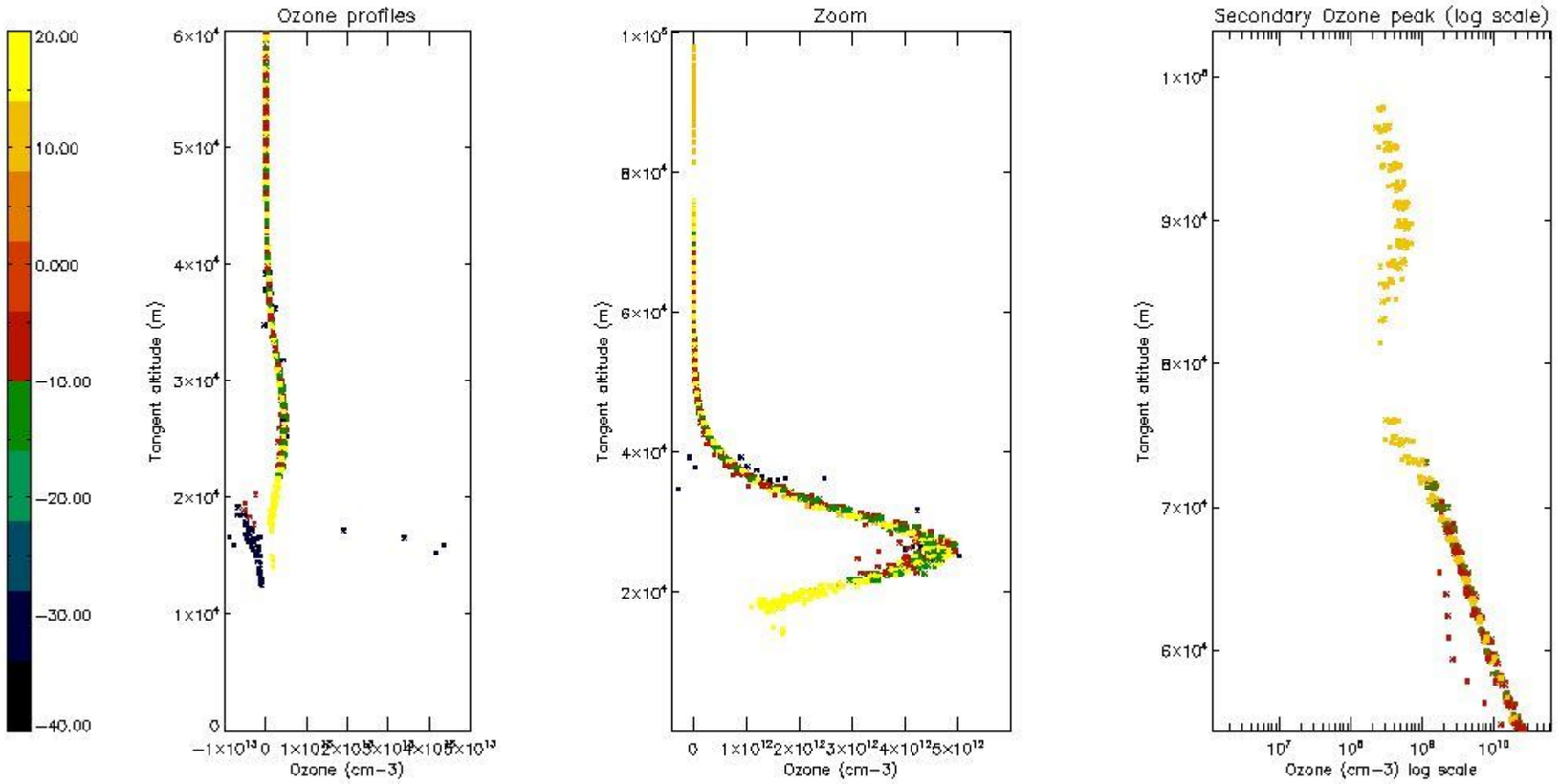
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



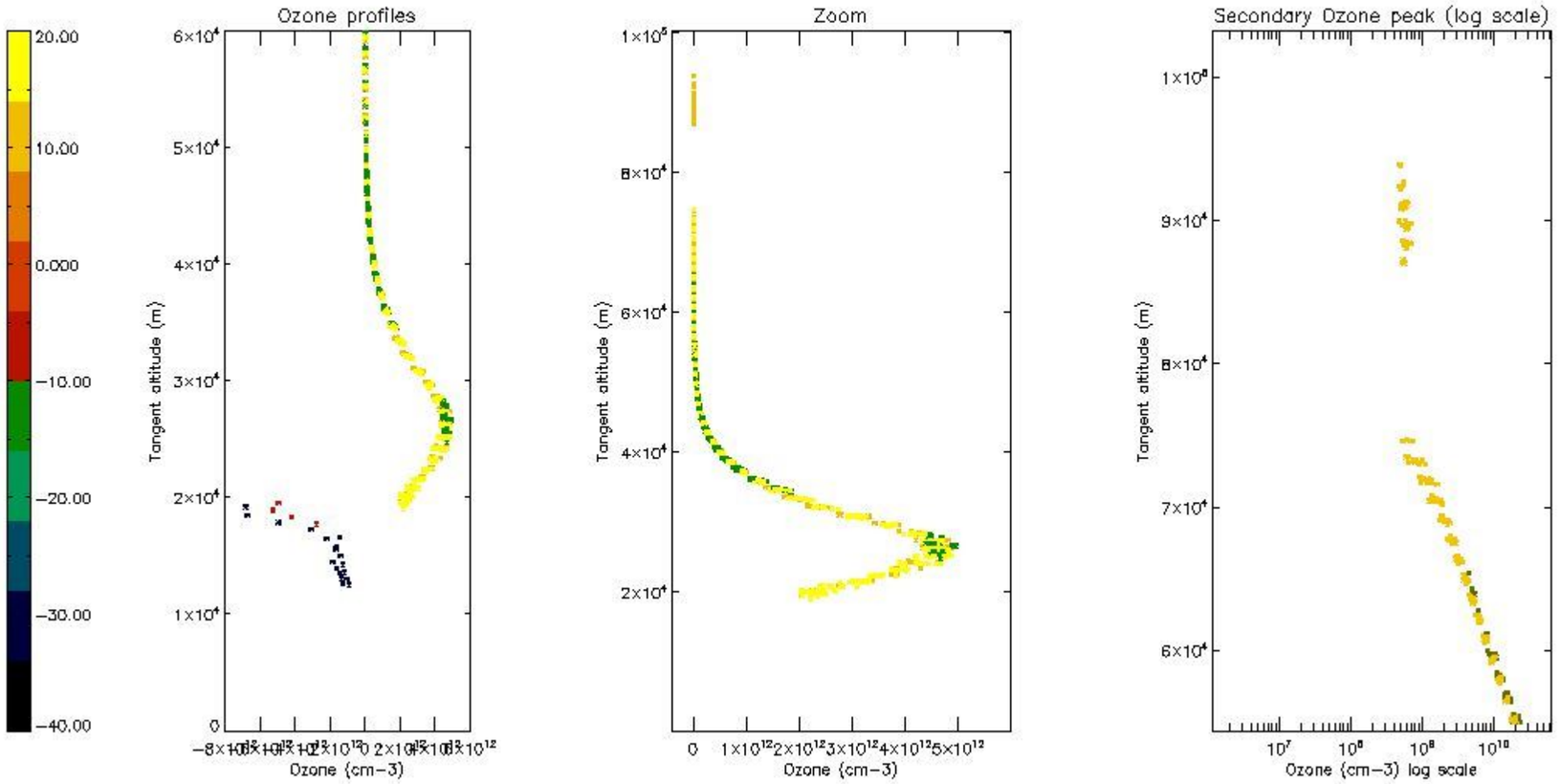
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



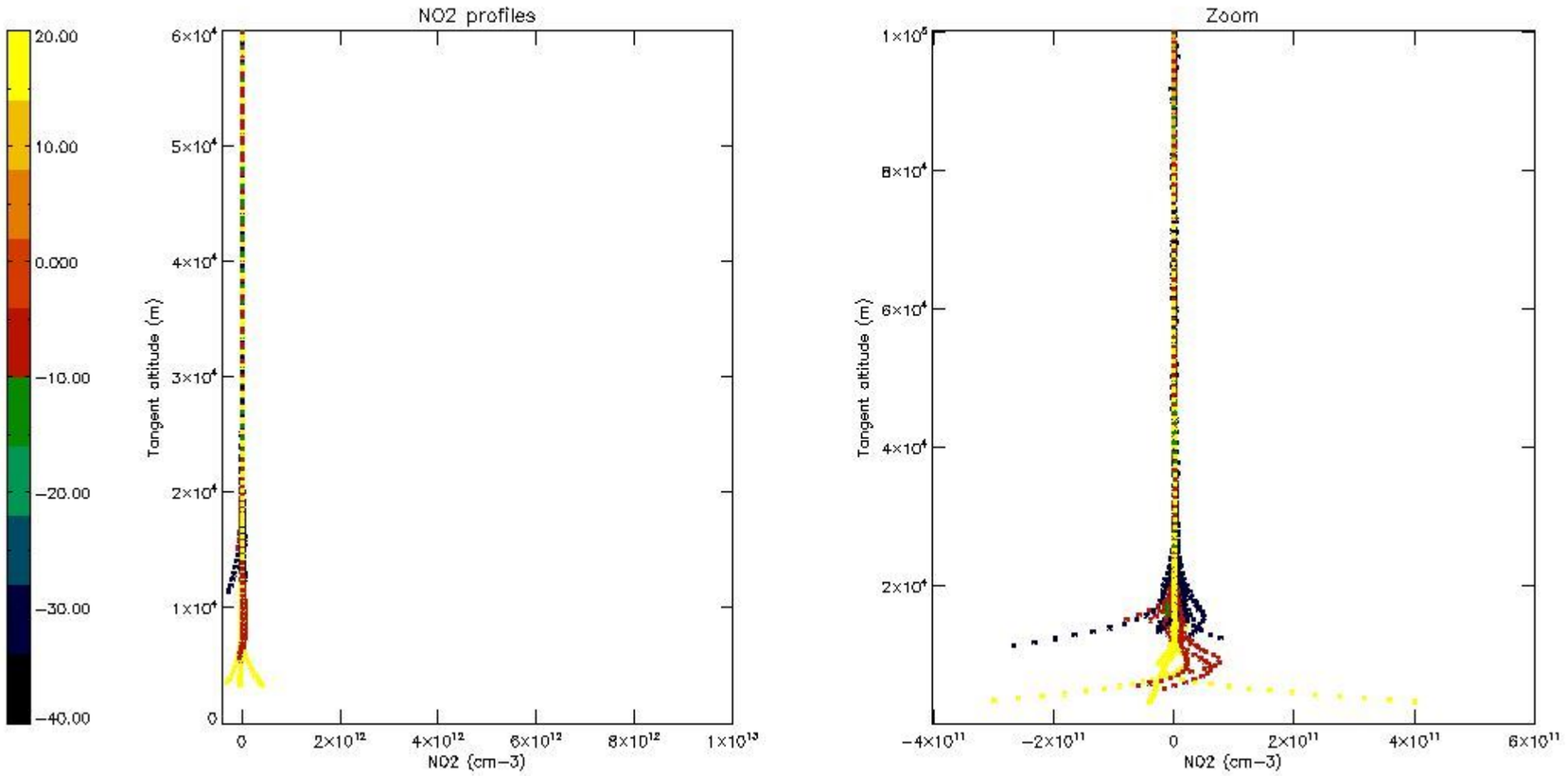
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



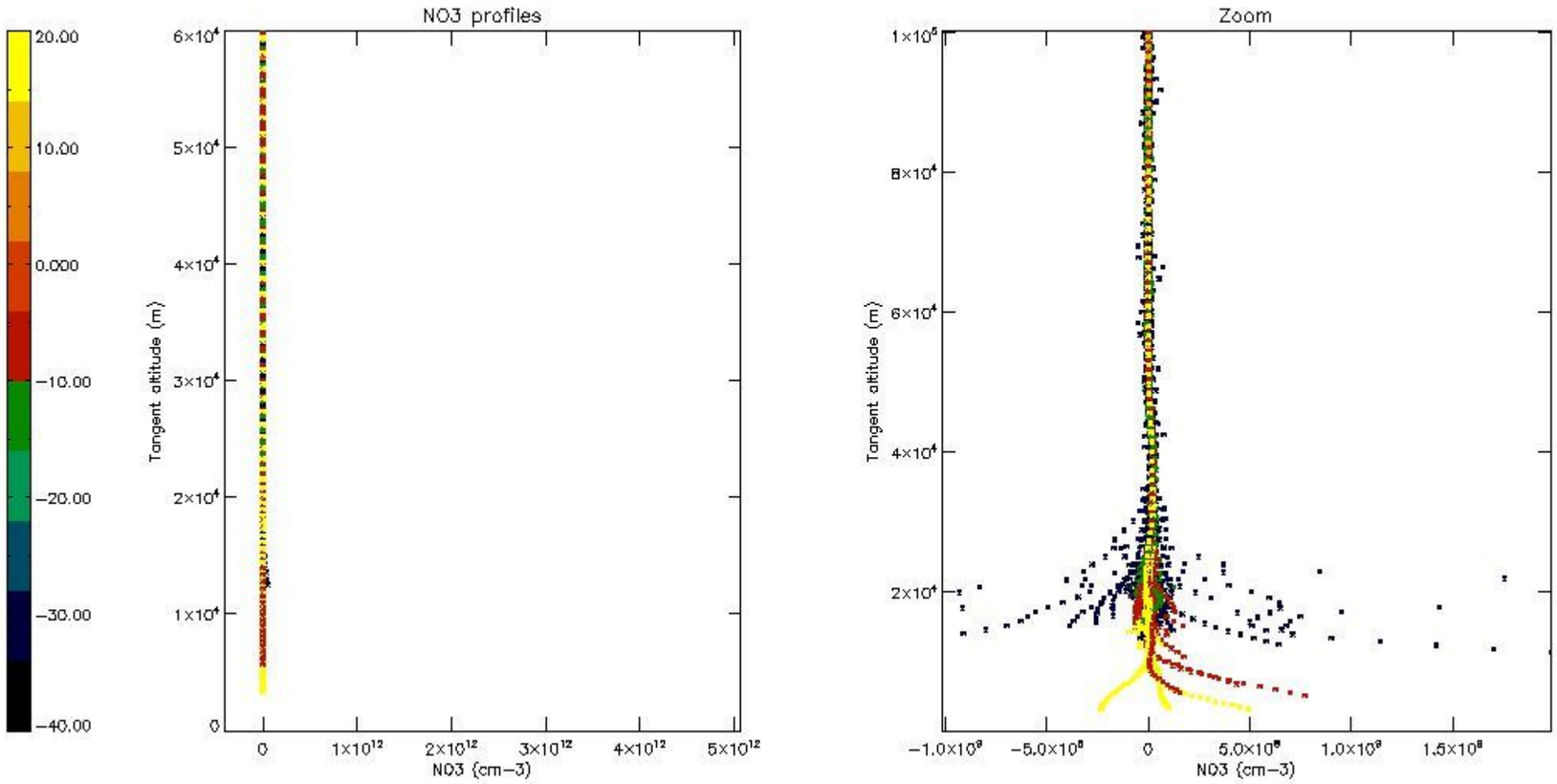
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



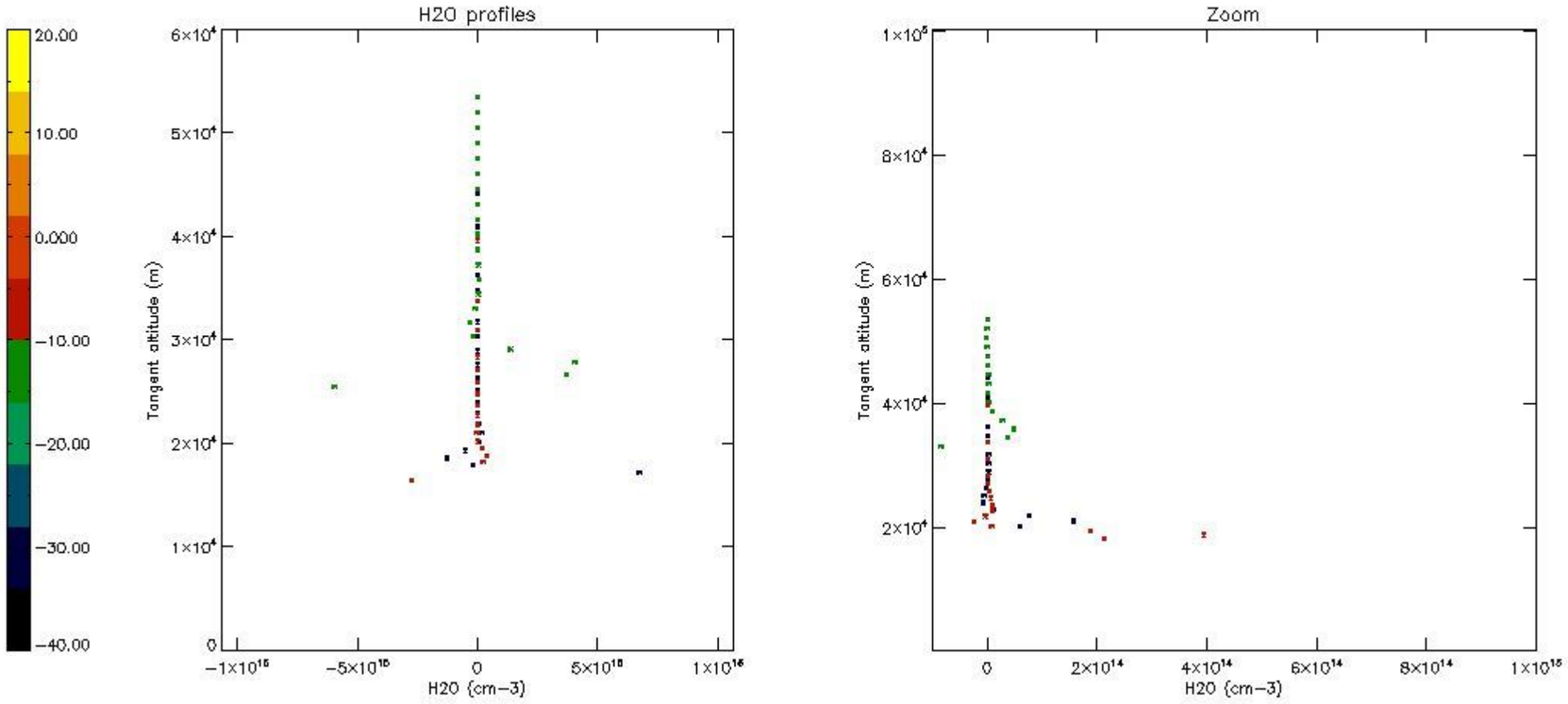
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-NOV-2008 00:00:18
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-NOV-2008 00:00:18
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-NOV-2008 00:00:18

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	25APR2013 21:40:21
Data source version	GOMOS/6.01
Start time of products	03-11-2008 (03NOV2008 00:00:00)
Stop time of products	04-11-2008 (04NOV2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	219
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20081103_000018_000000372073_00288_34911_8891.N1	03-NOV-2008 00:00:18	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	34911	No
2	GOM_NL__2PRFIN20081103_000823_000000362073_00288_34911_8892.N1	03-NOV-2008 00:08:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	34911	No
3	GOM_NL__2PRFIN20081103_001219_000000372073_00288_34911_8893.N1	03-NOV-2008 00:12:19	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	34911	No
4	GOM_NL__2PRFIN20081103_001629_000000402073_00288_34911_8894.N1	03-NOV-2008 00:16:29	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	34911	No
5	GOM_NL__2PRFIN20081103_001805_000000562073_00288_34911_8895.N1	03-NOV-2008 00:18:05	Bright	56.000	82	48Bet UMa	2.3650	10600.	112	34911	No
6	GOM_NL__2PRFIN20081103_002149_000000392073_00288_34911_8896.N1	03-NOV-2008 00:21:49	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	34911	No
7	GOM_NL__2PRFIN20081103_002921_000000382073_00288_34911_8897.N1	03-NOV-2008 00:29:21	Bright	37.500	96	68Del Leo	2.5600	9300.0	75	34911	No
8	GOM_NL__2PRFIN20081103_004918_000000422073_00288_34911_8898.N1	03-NOV-2008 00:49:18	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	34911	No
9	GOM_NL__2PRFIN20081103_005433_000000402073_00289_34912_8907.N1	03-NOV-2008 00:54:33	Dark	40.000	46	Del Vel	1.9540	10600.	80	34912	No
10	GOM_NL__2PRFIN20081103_005552_000000442073_00289_34912_8908.N1	03-NOV-2008 00:55:52	Dark	44.000	41	Eps Car	1.8600	4100.0	88	34912	No
11	GOM_NL__2PRFIN20081103_010105_000000502073_00289_34912_8909.N1	03-NOV-2008 01:01:05	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	34912	No
12	GOM_NL__2PRFIN20081103_011108_000000402073_00289_34912_8910.N1	03-NOV-2008 01:11:08	Straylight	39.500	157	The1Eri	2.9060	9300.0	79	34912	No
13	GOM_NL__2PRFIN20081103_012944_000000392073_00289_34912_8911.N1	03-NOV-2008 01:29:44	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	34912	No
14	GOM_NL__2PRFIN20081103_013349_000000382073_00289_34912_8912.N1	03-NOV-2008 01:33:49	Bright	37.500	53	43Bet And	2.0480	3300.0	75	34912	No
15	GOM_NL__2PRFIN20081103_013608_000000402073_00289_34912_8913.N1	03-NOV-2008 01:36:08	Bright	40.000	73	57Gam1And	2.2600	13100.	80	34912	No
16	GOM_NL__2PRFIN20081103_013944_000000342073_00289_34912_8914.N1	03-NOV-2008 01:39:44	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	34912	No
17	GOM_NL__2PRFIN20081103_014054_000000332073_00289_34912_8915.N1	03-NOV-2008 01:40:54	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	34912	No
18	GOM_NL__2PRFIN20081103_014859_000000332073_00289_34912_8916.N1	03-NOV-2008 01:48:59	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	34912	No
19	GOM_NL__2PRFIN20081103_015255_000000372073_00289_34912_8917.N1	03-NOV-2008 01:52:55	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	34912	No
20	GOM_NL__2PRFIN20081103_015704_000000412073_00289_34912_8918.N1	03-NOV-2008 01:57:04	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	34912	No
21	GOM_NL__2PRFIN20081103_015841_000000382073_00289_34912_8919.N1	03-NOV-2008 01:58:41	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	34912	No
22	GOM_NL__2PRFIN20081103_020225_000000392073_00289_34912_8920.N1	03-NOV-2008 02:02:25	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	34912	No
23	GOM_NL__2PRFIN20081103_020958_000000392073_00289_34912_8921.N1	03-NOV-2008 02:09:58	Bright	39.000	96	68Del Leo	2.5600	9300.0	78	34912	No
24	GOM_NL__2PRFIN20081103_022954_000000382073_00289_34912_8922.N1	03-NOV-2008 02:29:54	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	34912	No
25	GOM_NL__2PRFIN20081103_023510_000000422073_00290_34913_8921.N1	03-NOV-2008 02:35:10	Dark	41.500	46	Del Vel	1.9540	10600.	83	34913	No
26	GOM_NL__2PRFIN20081103_023628_000000432073_00290_34913_8922.N1	03-NOV-2008 02:36:28	Dark	42.500	41	Eps Car	1.8600	4100.0	85	34913	No
27	GOM_NL__2PRFIN20081103_024142_000000542073_00290_34913_8923.N1	03-NOV-2008 02:41:42	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	34913	No
28	GOM_NL__2PRFIN20081103_025144_000000422073_00290_34913_8924.N1	03-NOV-2008 02:51:44	Straylight	41.500	157	The1Eri	2.9060	9300.0	83	34913	No
29	GOM_NL__2PRFIN20081103_031020_000000392073_00290_34913_8925.N1	03-NOV-2008 03:10:20	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	34913	No
30	GOM_NL__2PRFIN20081103_031425_000000372073_00290_34913_8926.N1	03-NOV-2008 03:14:25	Bright	36.500	53	43Bet And	2.0480	3300.0	73	34913	No
31	GOM_NL__2PRFIN20081103_031644_000000412073_00290_34913_8927.N1	03-NOV-2008 03:16:44	Bright	40.500	73	57Gam1And	2.2600	13100.	81	34913	No
32	GOM_NL__2PRFIN20081103_032020_000000362073_00290_34913_8928.N1	03-NOV-2008 03:20:20	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	34913	No
33	GOM_NL__2PRFIN20081103_032129_000000352073_00290_34913_8929.N1	03-NOV-2008 03:21:29	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	34913	No
34	GOM_NL__2PRFIN20081103_032935_000000342073_00290_34913_8930.N1	03-NOV-2008 03:29:35	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	34913	No
35	GOM_NL__2PRFIN20081103_033331_000000342073_00290_34913_8931.N1	03-NOV-2008 03:33:31	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	34913	No
36	GOM_NL__2PRFIN20081103_033740_000000412073_00290_34913_8932.N1	03-NOV-2008 03:37:40	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	34913	No
37	GOM_NL__2PRFIN20081103_033917_000000382073_00290_34913_8933.N1	03-NOV-2008 03:39:17	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	34913	No
38	GOM_NL__2PRFIN20081103_034301_000000572073_00290_34913_8934.N1	03-NOV-2008 03:43:01	Bright	57.000	174	52Psi UMa	3.0040	4400.0	114	34913	No
39	GOM_NL__2PRFIN20081103_035034_000000412073_00290_34913_8935.N1	03-NOV-2008 03:50:34	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	34913	No
40	GOM_NL__2PRFIN20081103_041030_000000452073_00290_34913_8936.N1	03-NOV-2008 04:10:30	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	34913	No
41	GOM_NL__2PRFIN20081103_041547_000000412073_00291_34914_8934.N1	03-NOV-2008 04:15:47	Dark	41.000	46	Del Vel	1.9540	10600.	82	34914	No
42	GOM_NL__2PRFIN20081103_041705_000000402073_00291_34914_8935.N1	03-NOV-2008 04:17:05	Dark	40.000	41	Eps Car	1.8600	4100.0	80	34914	No

43	GOM_NL__2PRFIN20081103_042218_000000512073_00291_34914_8936.N1	03-NOV-2008 04:22:18	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	34914	No
44	GOM_NL__2PRFIN20081103_043220_000000412073_00291_34914_8937.N1	03-NOV-2008 04:32:20	Straylight	40.500	157	The1Eri	2.9060	9300.0	81	34914	No
45	GOM_NL__2PRFIN20081103_045056_000000382073_00291_34914_8938.N1	03-NOV-2008 04:50:56	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	34914	No
46	GOM_NL__2PRFIN20081103_045501_000000372073_00291_34914_8939.N1	03-NOV-2008 04:55:01	Bright	36.500	53	43Bet And	2.0480	3300.0	73	34914	No
47	GOM_NL__2PRFIN20081103_045719_000000402073_00291_34914_8940.N1	03-NOV-2008 04:57:19	Bright	40.000	73	57Gam1And	2.2600	13100.	80	34914	No
48	GOM_NL__2PRFIN20081103_050056_000000352073_00291_34914_8941.N1	03-NOV-2008 05:00:56	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	34914	No
49	GOM_NL__2PRFIN20081103_050205_000000362073_00291_34914_8942.N1	03-NOV-2008 05:02:05	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	34914	No
50	GOM_NL__2PRFIN20081103_051011_000000362073_00291_34914_8943.N1	03-NOV-2008 05:10:11	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	34914	No
51	GOM_NL__2PRFIN20081103_051407_000000372073_00291_34914_8944.N1	03-NOV-2008 05:14:07	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	34914	No
52	GOM_NL__2PRFIN20081103_051816_000000422073_00291_34914_8945.N1	03-NOV-2008 05:18:16	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	34914	No
53	GOM_NL__2PRFIN20081103_051953_000000372073_00291_34914_8946.N1	03-NOV-2008 05:19:53	Bright	36.500	82	48Bet UMa	2.3650	10600.	73	34914	No
54	GOM_NL__2PRFIN20081103_052337_000000382073_00291_34914_8947.N1	03-NOV-2008 05:23:37	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	34914	No
55	GOM_NL__2PRFIN20081103_053110_000000402073_00291_34914_8948.N1	03-NOV-2008 05:31:10	Bright	39.500	96	68Del Leo	2.5600	9300.0	79	34914	No
56	GOM_NL__2PRFIN20081103_055107_000000422073_00291_34914_8949.N1	03-NOV-2008 05:51:07	Dark	41.500	113	Mu Vel	2.6920	5000.0	83	34914	No
57	GOM_NL__2PRFIN20081103_055623_000000422073_00292_34915_8947.N1	03-NOV-2008 05:56:23	Dark	41.500	46	Del Vel	1.9540	10600.	83	34915	No
58	GOM_NL__2PRFIN20081103_055741_000000532073_00292_34915_8948.N1	03-NOV-2008 05:57:41	Dark	53.000	41	Eps Car	1.8600	4100.0	106	34915	No
59	GOM_NL__2PRFIN20081103_060255_000000492073_00292_34915_8949.N1	03-NOV-2008 06:02:55	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34915	No
60	GOM_NL__2PRFIN20081103_061256_000000402073_00292_34915_8950.N1	03-NOV-2008 06:12:56	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	34915	No
61	GOM_NL__2PRFIN20081103_063132_000000382073_00292_34915_8951.N1	03-NOV-2008 06:31:32	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	34915	No
62	GOM_NL__2PRFIN20081103_063537_000000362073_00292_34915_8952.N1	03-NOV-2008 06:35:37	Bright	35.500	53	43Bet And	2.0480	3300.0	71	34915	No
63	GOM_NL__2PRFIN20081103_063755_000000392073_00292_34915_8953.N1	03-NOV-2008 06:37:55	Bright	38.500	73	57Gam1And	2.2600	13100.	77	34915	No
64	GOM_NL__2PRFIN20081103_064132_000000342073_00292_34915_8954.N1	03-NOV-2008 06:41:32	Bright	33.500	68	18Alp Cas	2.2250	4500.0	67	34915	No
65	GOM_NL__2PRFIN20081103_064241_000000332073_00292_34915_8955.N1	03-NOV-2008 06:42:41	Bright	33.000	76	27Gam Cas	2.3000	30000.	66	34915	No
66	GOM_NL__2PRFIN20081103_065047_000000372073_00292_34915_8956.N1	03-NOV-2008 06:50:47	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	34915	No
67	GOM_NL__2PRFIN20081103_065443_000000372073_00292_34915_8957.N1	03-NOV-2008 06:54:43	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	34915	No
68	GOM_NL__2PRFIN20081103_065852_000000382073_00292_34915_8958.N1	03-NOV-2008 06:58:52	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	34915	No
69	GOM_NL__2PRFIN20081103_070029_000000382073_00292_34915_8959.N1	03-NOV-2008 07:00:29	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	34915	No
70	GOM_NL__2PRFIN20081103_070413_000000402073_00292_34915_8960.N1	03-NOV-2008 07:04:13	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	34915	No
71	GOM_NL__2PRFIN20081103_071146_000000392073_00292_34915_8961.N1	03-NOV-2008 07:11:46	Bright	39.000	96	68Del Leo	2.5600	9300.0	78	34915	No
72	GOM_NL__2PRFIN20081103_073143_000000442073_00292_34915_8962.N1	03-NOV-2008 07:31:43	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	34915	No
73	GOM_NL__2PRFIN20081103_073700_000000402073_00293_34916_8960.N1	03-NOV-2008 07:37:00	Dark	40.000	46	Del Vel	1.9540	10600.	80	34916	No
74	GOM_NL__2PRFIN20081103_073818_000000432073_00293_34916_8961.N1	03-NOV-2008 07:38:18	Dark	42.500	41	Eps Car	1.8600	4100.0	85	34916	No
75	GOM_NL__2PRFIN20081103_074332_000000492073_00293_34916_8962.N1	03-NOV-2008 07:43:32	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34916	No
76	GOM_NL__2PRFIN20081103_075333_000000392073_00293_34916_8963.N1	03-NOV-2008 07:53:33	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	34916	No
77	GOM_NL__2PRFIN20081103_081208_000000392073_00293_34916_8964.N1	03-NOV-2008 08:12:08	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	34916	No
78	GOM_NL__2PRFIN20081103_081613_000000362073_00293_34916_8965.N1	03-NOV-2008 08:16:13	Bright	35.500	53	43Bet And	2.0480	3300.0	71	34916	No
79	GOM_NL__2PRFIN20081103_081831_000000392073_00293_34916_8966.N1	03-NOV-2008 08:18:31	Bright	39.000	73	57Gam1And	2.2600	13100.	78	34916	No
80	GOM_NL__2PRFIN20081103_083123_000000342073_00293_34916_8967.N1	03-NOV-2008 08:31:23	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	34916	No
81	GOM_NL__2PRFIN20081103_083519_000000362073_00293_34916_8968.N1	03-NOV-2008 08:35:19	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	34916	No
82	GOM_NL__2PRFIN20081103_083928_000000402073_00293_34916_8969.N1	03-NOV-2008 08:39:28	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	34916	No
83	GOM_NL__2PRFIN20081103_084105_000000382073_00293_34916_8970.N1	03-NOV-2008 08:41:05	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	34916	No
84	GOM_NL__2PRFIN20081103_084449_000000382073_00293_34916_8971.N1	03-NOV-2008 08:44:49	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	34916	No
85	GOM_NL__2PRFIN20081103_085222_000000592073_00293_34916_8972.N1	03-NOV-2008 08:52:22	Bright	59.000	96	68Del Leo	2.5600	9300.0	118	34916	No
86	GOM_NL__2PRFIN20081103_091220_000000412073_00293_34916_8973.N1	03-NOV-2008 09:12:20	Dark	40.500	113	Mu Vel	2.6920	5000.0	81	34916	No
87	GOM_NL__2PRFIN20081103_091736_000000422073_00294_34917_8980.N1	03-NOV-2008 09:17:36	Dark	42.000	46	Del Vel	1.9540	10600.	84	34917	No
88	GOM_NL__2PRFIN20081103_091854_000000512073_00294_34917_8981.N1	03-NOV-2008 09:18:54	Dark	51.000	41	Eps Car	1.8600	4100.0	102	34917	No
89	GOM_NL__2PRFIN20081103_092408_000000482073_00294_34917_8982.N1	03-NOV-2008 09:24:08	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	34917	No
90	GOM_NL__2PRFIN20081103_093409_000000402073_00294_34917_8983.N1	03-NOV-2008 09:34:09	Straylight	39.500	157	The1Eri	2.9060	9300.0	79	34917	No
91	GOM_NL__2PRFIN20081103_095243_000000382073_00294_34917_8984.N1	03-NOV-2008 09:52:43	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	34917	No
92	GOM_NL__2PRFIN20081103_095649_000000362073_00294_34917_8985.N1	03-NOV-2008 09:56:49	Bright	36.000	53	43Bet And	2.0480	3300.0	72	34917	No
93	GOM_NL__2PRFIN20081103_095906_000000382073_00294_34917_8986.N1	03-NOV-2008 09:59:06	Bright	37.500	73	57Gam1And	2.2600	13100.	75	34917	No
94	GOM_NL__2PRFIN20081103_101158_000000362073_00294_34917_8987.N1	03-NOV-2008 10:11:58	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	34917	No
95	GOM_NL__2PRFIN20081103_101555_000000372073_00294_34917_8988.N1	03-NOV-2008 10:15:55	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	34917	No
96	GOM_NL__2PRFIN20081103_102003_000000382073_00294_34917_8989.N1	03-NOV-2008 10:20:03	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	34917	No
97	GOM_NL__2PRFIN20081103_102140_000000382073_00294_34917_8990.N1	03-NOV-2008 10:21:40	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	34917	No
98	GOM_NL__2PRFIN20081103_102525_000000392073_00294_34917_8991.N1	03-NOV-2008 10:25:25	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	34917	No
99	GOM_NL__2PRFIN20081103_103258_000000572073_00294_34917_8992.N1	03-NOV-2008 10:32:58	Bright	56.500	96	68Del Leo	2.5600	9300.0	113	34917	No
100	GOM_NL__2PRFIN20081103_105256_000000412073_00294_34917_8993.N1	03-NOV-2008 10:52:56	Dark	40.500	113	Mu Vel	2.6920	5000.0	81	34917	No
101	GOM_NL__2PRFIN20081103_105813_000000412073_00295_34918_8994.N1	03-NOV-2008 10:58:13	Dark	41.000	46	Del Vel	1.9540	10600.	82	34918	No

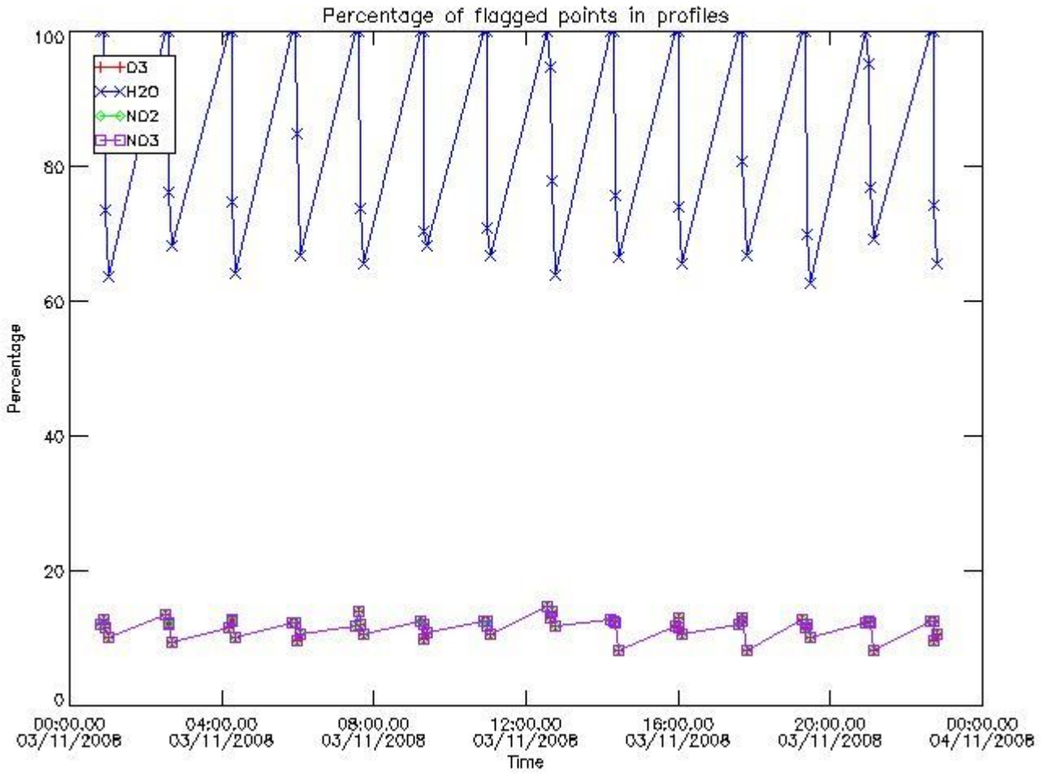
102	GOM_NL__2PRFIN20081103_105931_000000442073_00295_34918_8995.N1	03-NOV-2008 10:59:31	Dark	43.500	41	Eps Car	1.8600	4100.0	87	34918	No
103	GOM_NL__2PRFIN20081103_110445_000000492073_00295_34918_8996.N1	03-NOV-2008 11:04:45	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34918	No
104	GOM_NL__2PRFIN20081103_111445_000000392073_00295_34918_8997.N1	03-NOV-2008 11:14:45	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	34918	No
105	GOM_NL__2PRFIN20081103_113319_000000382073_00295_34918_8998.N1	03-NOV-2008 11:33:19	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	34918	No
106	GOM_NL__2PRFIN20081103_113725_000000382073_00295_34918_8999.N1	03-NOV-2008 11:37:25	Bright	37.500	53	43Bet And	2.0480	3300.0	75	34918	No
107	GOM_NL__2PRFIN20081103_113942_000000402073_00295_34918_9000.N1	03-NOV-2008 11:39:42	Bright	39.500	73	57Gam1And	2.2600	13100.	79	34918	No
108	GOM_NL__2PRFIN20081103_114320_000000372073_00295_34918_9001.N1	03-NOV-2008 11:43:20	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	34918	No
109	GOM_NL__2PRFIN20081103_115234_000000362073_00295_34918_9002.N1	03-NOV-2008 11:52:34	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	34918	No
110	GOM_NL__2PRFIN20081103_115631_000000372073_00295_34918_9003.N1	03-NOV-2008 11:56:31	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	34918	No
111	GOM_NL__2PRFIN20081103_120039_000000392073_00295_34918_9004.N1	03-NOV-2008 12:00:39	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	34918	No
112	GOM_NL__2PRFIN20081103_120216_000000402073_00295_34918_9005.N1	03-NOV-2008 12:02:16	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	34918	No
113	GOM_NL__2PRFIN20081103_120601_000000402073_00295_34918_9006.N1	03-NOV-2008 12:06:01	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	34918	No
114	GOM_NL__2PRFIN20081103_121335_000000402073_00295_34918_9007.N1	03-NOV-2008 12:13:35	Bright	39.500	96	68Del Leo	2.5600	9300.0	79	34918	No
115	GOM_NL__2PRFIN20081103_123332_000000382073_00295_34918_9008.N1	03-NOV-2008 12:33:32	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	34918	No
116	GOM_NL__2PRFIN20081103_123850_000000392073_00296_34919_9006.N1	03-NOV-2008 12:38:50	Dark	39.000	46	Del Vel	1.9540	10600.	78	34919	No
117	GOM_NL__2PRFIN20081103_124007_000000442073_00296_34919_9007.N1	03-NOV-2008 12:40:07	Dark	43.500	41	Eps Car	1.8600	4100.0	87	34919	No
118	GOM_NL__2PRFIN20081103_124522_000000482073_00296_34919_9008.N1	03-NOV-2008 12:45:22	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	34919	No
119	GOM_NL__2PRFIN20081103_125521_000000392073_00296_34919_9009.N1	03-NOV-2008 12:55:21	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	34919	No
120	GOM_NL__2PRFIN20081103_131355_000000372073_00296_34919_9010.N1	03-NOV-2008 13:13:55	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	34919	No
121	GOM_NL__2PRFIN20081103_131801_000000372073_00296_34919_9011.N1	03-NOV-2008 13:18:01	Bright	36.500	53	43Bet And	2.0480	3300.0	73	34919	No
122	GOM_NL__2PRFIN20081103_132018_000000392073_00296_34919_9012.N1	03-NOV-2008 13:20:18	Bright	38.500	73	57Gam1And	2.2600	13100.	77	34919	No
123	GOM_NL__2PRFIN20081103_132356_000000372073_00296_34919_9013.N1	03-NOV-2008 13:23:56	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	34919	No
124	GOM_NL__2PRFIN20081103_133310_000000362073_00296_34919_9014.N1	03-NOV-2008 13:33:10	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	34919	No
125	GOM_NL__2PRFIN20081103_133707_000000352073_00296_34919_9015.N1	03-NOV-2008 13:37:07	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	34919	No
126	GOM_NL__2PRFIN20081103_134115_000000392073_00296_34919_9016.N1	03-NOV-2008 13:41:15	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	34919	No
127	GOM_NL__2PRFIN20081103_134252_000000392073_00296_34919_9017.N1	03-NOV-2008 13:42:52	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	34919	No
128	GOM_NL__2PRFIN20081103_134637_000000392073_00296_34919_9018.N1	03-NOV-2008 13:46:37	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	34919	No
129	GOM_NL__2PRFIN20081103_135411_000000392073_00296_34919_9019.N1	03-NOV-2008 13:54:11	Bright	39.000	96	68Del Leo	2.5600	9300.0	78	34919	No
130	GOM_NL__2PRFIN20081103_141409_000000402073_00296_34919_9020.N1	03-NOV-2008 14:14:09	Dark	40.000	113	Mu Vel	2.6920	5000.0	80	34919	No
131	GOM_NL__2PRFIN20081103_141926_000000412073_00297_34920_9020.N1	03-NOV-2008 14:19:26	Dark	41.000	46	Del Vel	1.9540	10600.	82	34920	No
132	GOM_NL__2PRFIN20081103_142044_000000422073_00297_34920_9021.N1	03-NOV-2008 14:20:44	Dark	41.500	41	Eps Car	1.8600	4100.0	83	34920	No
133	GOM_NL__2PRFIN20081103_142558_000000622073_00297_34920_9022.N1	03-NOV-2008 14:25:58	Dark	61.500	2	Alp Car	-0.73600	7000.0	123	34920	No
134	GOM_NL__2PRFIN20081103_143557_000000392073_00297_34920_9023.N1	03-NOV-2008 14:35:57	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	34920	No
135	GOM_NL__2PRFIN20081103_145431_000000392073_00297_34920_9024.N1	03-NOV-2008 14:54:31	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	34920	No
136	GOM_NL__2PRFIN20081103_145837_000000362073_00297_34920_9025.N1	03-NOV-2008 14:58:37	Bright	35.500	53	43Bet And	2.0480	3300.0	71	34920	No
137	GOM_NL__2PRFIN20081103_150053_000000382073_00297_34920_9026.N1	03-NOV-2008 15:00:53	Bright	38.000	73	57Gam1And	2.2600	13100.	76	34920	No
138	GOM_NL__2PRFIN20081103_150432_000000352073_00297_34920_9027.N1	03-NOV-2008 15:04:32	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	34920	No
139	GOM_NL__2PRFIN20081103_151346_000000362073_00297_34920_9028.N1	03-NOV-2008 15:13:46	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	34920	No
140	GOM_NL__2PRFIN20081103_151743_000000342073_00297_34920_9029.N1	03-NOV-2008 15:17:43	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	34920	No
141	GOM_NL__2PRFIN20081103_152151_000000402073_00297_34920_9030.N1	03-NOV-2008 15:21:51	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	34920	No
142	GOM_NL__2PRFIN20081103_152328_000000402073_00297_34920_9031.N1	03-NOV-2008 15:23:28	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	34920	No
143	GOM_NL__2PRFIN20081103_152713_000000372073_00297_34920_9032.N1	03-NOV-2008 15:27:13	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	34920	No
144	GOM_NL__2PRFIN20081103_153447_000000402073_00297_34920_9033.N1	03-NOV-2008 15:34:47	Bright	39.500	96	68Del Leo	2.5600	9300.0	79	34920	No
145	GOM_NL__2PRFIN20081103_155445_000000432073_00297_34920_9034.N1	03-NOV-2008 15:54:45	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	34920	No
146	GOM_NL__2PRFIN20081103_160003_000000402073_00298_34921_9030.N1	03-NOV-2008 16:00:03	Dark	39.500	46	Del Vel	1.9540	10600.	79	34921	No
147	GOM_NL__2PRFIN20081103_160120_000000452073_00298_34921_9031.N1	03-NOV-2008 16:01:20	Dark	44.500	41	Eps Car	1.8600	4100.0	89	34921	No
148	GOM_NL__2PRFIN20081103_160635_000000492073_00298_34921_9032.N1	03-NOV-2008 16:06:35	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34921	No
149	GOM_NL__2PRFIN20081103_161634_000000392073_00298_34921_9033.N1	03-NOV-2008 16:16:34	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	34921	No
150	GOM_NL__2PRFIN20081103_163507_000000372073_00298_34921_9034.N1	03-NOV-2008 16:35:07	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	34921	No
151	GOM_NL__2PRFIN20081103_163913_000000372073_00298_34921_9035.N1	03-NOV-2008 16:39:13	Bright	37.000	53	43Bet And	2.0480	3300.0	74	34921	No
152	GOM_NL__2PRFIN20081103_164129_000000392073_00298_34921_9036.N1	03-NOV-2008 16:41:29	Bright	39.000	73	57Gam1And	2.2600	13100.	78	34921	No
153	GOM_NL__2PRFIN20081103_164508_000000522073_00298_34921_9037.N1	03-NOV-2008 16:45:08	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	34921	No
154	GOM_NL__2PRFIN20081103_165422_000000382073_00298_34921_9038.N1	03-NOV-2008 16:54:22	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	34921	No
155	GOM_NL__2PRFIN20081103_165819_000000382073_00298_34921_9039.N1	03-NOV-2008 16:58:19	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	34921	No
156	GOM_NL__2PRFIN20081103_170227_000000382073_00298_34921_9040.N1	03-NOV-2008 17:02:27	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	34921	No
157	GOM_NL__2PRFIN20081103_170404_000000402073_00298_34921_9041.N1	03-NOV-2008 17:04:04	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	34921	No
158	GOM_NL__2PRFIN20081103_170749_000000442073_00298_34921_9042.N1	03-NOV-2008 17:07:49	Bright	44.000	174	52Psi UMa	3.0040	4400.0	88	34921	No
159	GOM_NL__2PRFIN20081103_171523_000000412073_00298_34921_9043.N1	03-NOV-2008 17:15:23	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	34921	No
160	GOM_NL__2PRFIN20081103_173521_000000432073_00298_34921_9044.N1	03-NOV-2008 17:35:21	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	34921	No

161	GOM_NL__2PRFIN20081103_174039_000000412073_00299_34922_9052.N1	03-NOV-2008 17:40:39	Dark	41.000	46	Del Vel	1.9540	10600.	82	34922	No
162	GOM_NL__2PRFIN20081103_174157_000000472073_00299_34922_9053.N1	03-NOV-2008 17:41:57	Dark	47.000	41	Eps Car	1.8600	4100.0	94	34922	No
163	GOM_NL__2PRFIN20081103_174712_000000622073_00299_34922_9054.N1	03-NOV-2008 17:47:12	Dark	61.500	2	Alp Car	-0.73600	7000.0	123	34922	No
164	GOM_NL__2PRFIN20081103_175710_000000402073_00299_34922_9055.N1	03-NOV-2008 17:57:10	Straylight	39.500	157	The1Eri	2.9060	9300.0	79	34922	No
165	GOM_NL__2PRFIN20081103_181542_000000392073_00299_34922_9056.N1	03-NOV-2008 18:15:42	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	34922	No
166	GOM_NL__2PRFIN20081103_181949_000000382073_00299_34922_9057.N1	03-NOV-2008 18:19:49	Bright	37.500	53	43Bet And	2.0480	3300.0	75	34922	No
167	GOM_NL__2PRFIN20081103_182205_000000402073_00299_34922_9058.N1	03-NOV-2008 18:22:05	Bright	40.000	73	57Gam1And	2.2600	13100.	80	34922	No
168	GOM_NL__2PRFIN20081103_182544_000000352073_00299_34922_9059.N1	03-NOV-2008 18:25:44	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	34922	No
169	GOM_NL__2PRFIN20081103_183458_000000372073_00299_34922_9060.N1	03-NOV-2008 18:34:58	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	34922	No
170	GOM_NL__2PRFIN20081103_183855_000000382073_00299_34922_9061.N1	03-NOV-2008 18:38:55	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	34922	No
171	GOM_NL__2PRFIN20081103_184302_000000412073_00299_34922_9062.N1	03-NOV-2008 18:43:02	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	34922	No
172	GOM_NL__2PRFIN20081103_184440_000000392073_00299_34922_9063.N1	03-NOV-2008 18:44:40	Bright	38.500	82	48Bet UMa	2.3650	10600.	77	34922	No
173	GOM_NL__2PRFIN20081103_184825_000000392073_00299_34922_9064.N1	03-NOV-2008 18:48:25	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	34922	No
174	GOM_NL__2PRFIN20081103_185559_000000402073_00299_34922_9065.N1	03-NOV-2008 18:55:59	Bright	39.500	96	68Del Leo	2.5600	9300.0	79	34922	No
175	GOM_NL__2PRFIN20081103_191558_000000402073_00299_34922_9066.N1	03-NOV-2008 19:15:58	Dark	40.000	113	Mu Vel	2.6920	5000.0	80	34922	No
176	GOM_NL__2PRFIN20081103_192116_000000442073_00300_34923_9071.N1	03-NOV-2008 19:21:16	Dark	44.000	46	Del Vel	1.9540	10600.	88	34923	No
177	GOM_NL__2PRFIN20081103_192233_000000422073_00300_34923_9072.N1	03-NOV-2008 19:22:33	Dark	42.000	41	Eps Car	1.8600	4100.0	84	34923	No
178	GOM_NL__2PRFIN20081103_192749_000000502073_00300_34923_9073.N1	03-NOV-2008 19:27:49	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	34923	No
179	GOM_NL__2PRFIN20081103_193746_000000402073_00300_34923_9074.N1	03-NOV-2008 19:37:46	Straylight	40.000	157	The1Eri	2.9060	9300.0	80	34923	No
180	GOM_NL__2PRFIN20081103_195618_000000382073_00300_34923_9075.N1	03-NOV-2008 19:56:18	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	34923	No
181	GOM_NL__2PRFIN20081103_200025_000000382073_00300_34923_9076.N1	03-NOV-2008 20:00:25	Bright	37.500	53	43Bet And	2.0480	3300.0	75	34923	No
182	GOM_NL__2PRFIN20081103_200241_000000362073_00300_34923_9077.N1	03-NOV-2008 20:02:41	Bright	36.000	73	57Gam1And	2.2600	13100.	72	34923	No
183	GOM_NL__2PRFIN20081103_200620_000000352073_00300_34923_9078.N1	03-NOV-2008 20:06:20	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	34923	No
184	GOM_NL__2PRFIN20081103_201534_000000362073_00300_34923_9079.N1	03-NOV-2008 20:15:34	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	34923	No
185	GOM_NL__2PRFIN20081103_201932_000000362073_00300_34923_9080.N1	03-NOV-2008 20:19:32	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	34923	No
186	GOM_NL__2PRFIN20081103_202338_000000372073_00300_34923_9081.N1	03-NOV-2008 20:23:38	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	34923	No
187	GOM_NL__2PRFIN20081103_202516_000000402073_00300_34923_9082.N1	03-NOV-2008 20:25:16	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	34923	No
188	GOM_NL__2PRFIN20081103_202901_000000392073_00300_34923_9083.N1	03-NOV-2008 20:29:01	Bright	38.500	174	52Psi UMa	3.0040	4400.0	77	34923	No
189	GOM_NL__2PRFIN20081103_203636_000000392073_00300_34923_9084.N1	03-NOV-2008 20:36:36	Bright	39.000	96	68Del Leo	2.5600	9300.0	78	34923	No
190	GOM_NL__2PRFIN20081103_205634_000000422073_00300_34923_9085.N1	03-NOV-2008 20:56:34	Dark	41.500	113	Mu Vel	2.6920	5000.0	83	34923	No
191	GOM_NL__2PRFIN20081103_210153_000000412073_00301_34924_9084.N1	03-NOV-2008 21:01:53	Dark	41.000	46	Del Vel	1.9540	10600.	82	34924	No
192	GOM_NL__2PRFIN20081103_210310_000000422073_00301_34924_9085.N1	03-NOV-2008 21:03:10	Dark	41.500	41	Eps Car	1.8600	4100.0	83	34924	No
193	GOM_NL__2PRFIN20081103_210825_000000622073_00301_34924_9086.N1	03-NOV-2008 21:08:25	Dark	62.000	2	Alp Car	-0.73600	7000.0	124	34924	No
194	GOM_NL__2PRFIN20081103_211822_000000392073_00301_34924_9087.N1	03-NOV-2008 21:18:22	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	34924	No
195	GOM_NL__2PRFIN20081103_213654_000000382073_00301_34924_9088.N1	03-NOV-2008 21:36:54	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	34924	No
196	GOM_NL__2PRFIN20081103_214101_000000382073_00301_34924_9089.N1	03-NOV-2008 21:41:01	Bright	38.000	53	43Bet And	2.0480	3300.0	76	34924	No
197	GOM_NL__2PRFIN20081103_214316_000000382073_00301_34924_9090.N1	03-NOV-2008 21:43:16	Bright	37.500	73	57Gam1And	2.2600	13100.	75	34924	No
198	GOM_NL__2PRFIN20081103_214656_000000332073_00301_34924_9091.N1	03-NOV-2008 21:46:56	Bright	33.000	68	18Alp Cas	2.2250	4500.0	66	34924	No
199	GOM_NL__2PRFIN20081103_215610_000000352073_00301_34924_9092.N1	03-NOV-2008 21:56:10	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	34924	No
200	GOM_NL__2PRFIN20081103_220008_000000382073_00301_34924_9093.N1	03-NOV-2008 22:00:08	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	34924	No
201	GOM_NL__2PRFIN20081103_220414_000000392073_00301_34924_9094.N1	03-NOV-2008 22:04:14	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	34924	No
202	GOM_NL__2PRFIN20081103_220551_000000502073_00301_34924_9095.N1	03-NOV-2008 22:05:51	Bright	50.000	82	48Bet UMa	2.3650	10600.	100	34924	No
203	GOM_NL__2PRFIN20081103_220936_000000542073_00301_34924_9096.N1	03-NOV-2008 22:09:36	Bright	54.000	174	52Psi UMa	3.0040	4400.0	108	34924	No
204	GOM_NL__2PRFIN20081103_221712_000000382073_00301_34924_9097.N1	03-NOV-2008 22:17:12	Bright	37.500	96	68Del Leo	2.5600	9300.0	75	34924	No
205	GOM_NL__2PRFIN20081103_223711_000000412073_00301_34924_9098.N1	03-NOV-2008 22:37:11	Dark	41.000	113	Mu Vel	2.6920	5000.0	82	34924	No
206	GOM_NL__2PRFIN20081103_224229_000000412073_00302_34925_9097.N1	03-NOV-2008 22:42:29	Dark	41.000	46	Del Vel	1.9540	10600.	82	34925	No
207	GOM_NL__2PRFIN20081103_224346_000000532073_00302_34925_9098.N1	03-NOV-2008 22:43:46	Dark	53.000	41	Eps Car	1.8600	4100.0	106	34925	No
208	GOM_NL__2PRFIN20081103_224902_000000492073_00302_34925_9099.N1	03-NOV-2008 22:49:02	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34925	No
209	GOM_NL__2PRFIN20081103_225858_000000392073_00302_34925_9100.N1	03-NOV-2008 22:58:58	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	34925	No
210	GOM_NL__2PRFIN20081103_231730_000000362073_00302_34925_9101.N1	03-NOV-2008 23:17:30	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	34925	No
211	GOM_NL__2PRFIN20081103_232136_000000372073_00302_34925_9102.N1	03-NOV-2008 23:21:36	Bright	36.500	53	43Bet And	2.0480	3300.0	73	34925	No
212	GOM_NL__2PRFIN20081103_232352_000000392073_00302_34925_9103.N1	03-NOV-2008 23:23:52	Bright	38.500	73	57Gam1And	2.2600	13100.	77	34925	No
213	GOM_NL__2PRFIN20081103_232732_000000362073_00302_34925_9104.N1	03-NOV-2008 23:27:32	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	34925	No
214	GOM_NL__2PRFIN20081103_233646_000000362073_00302_34925_9105.N1	03-NOV-2008 23:36:46	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	34925	No
215	GOM_NL__2PRFIN20081103_234044_000000352073_00302_34925_9106.N1	03-NOV-2008 23:40:44	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	34925	No
216	GOM_NL__2PRFIN20081103_234450_000000402073_00302_34925_9107.N1	03-NOV-2008 23:44:50	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	34925	No
217	GOM_NL__2PRFIN20081103_234627_000000382073_00302_34925_9108.N1	03-NOV-2008 23:46:27	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	34925	No
218	GOM_NL__2PRFIN20081103_235012_000000382073_00302_34925_9109.N1	03-NOV-2008 23:50:12	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	34925	No
219	GOM_NL__2PRFIN20081103_235748_000000392073_00302_34925_9110.N1	03-NOV-2008 23:57:48	Bright	38.500	96	68Del Leo	2.5600	9300.0	77	34925	No

3. Quality information per product

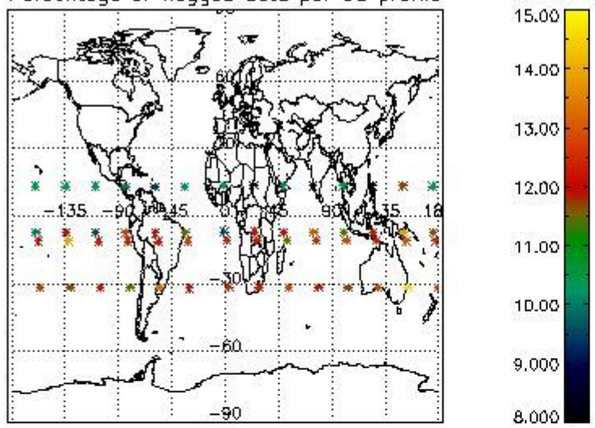
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

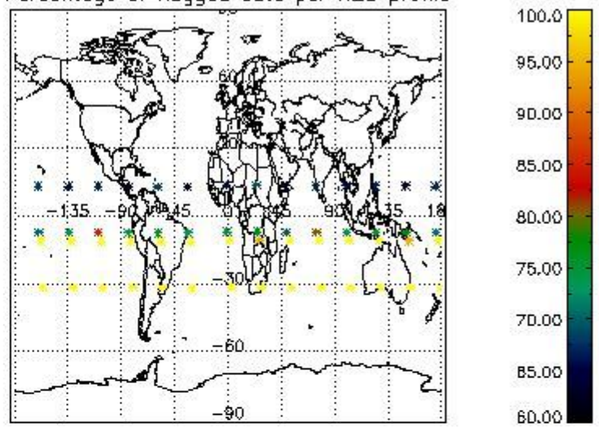


3.2 Plot quality information per product (world map)

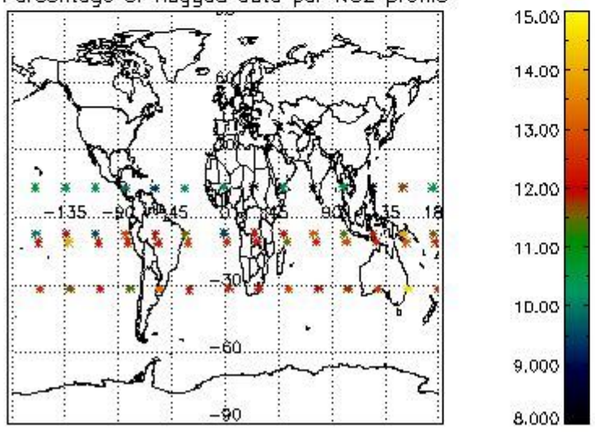
Percentage of flagged data per O3 profile



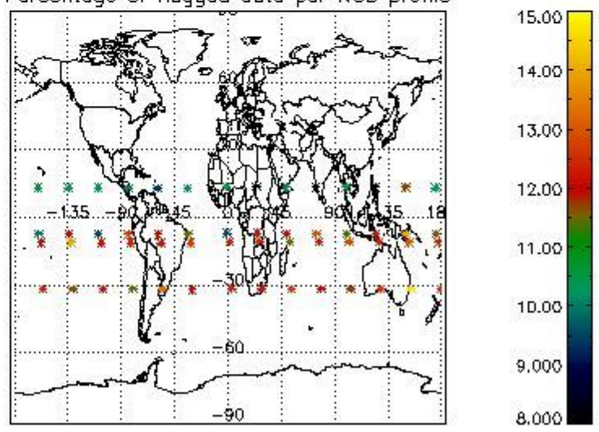
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

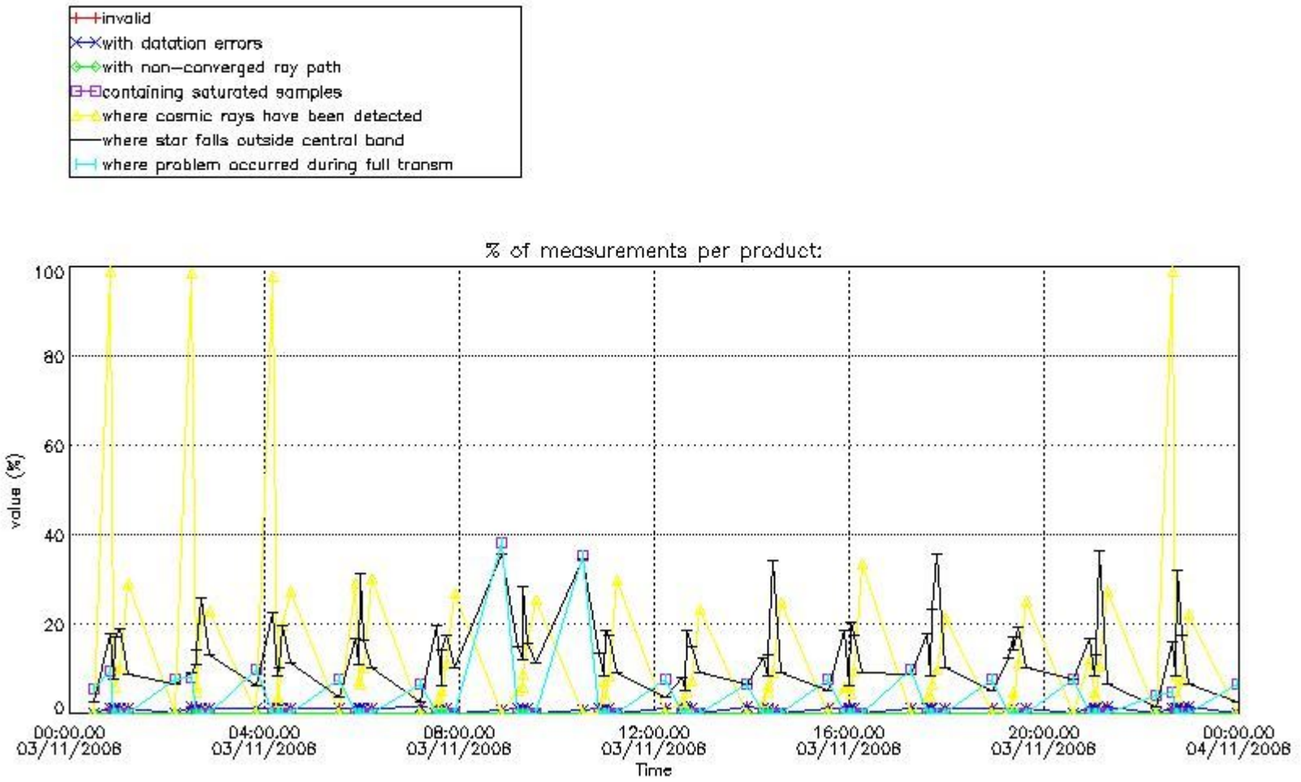


4. Level 1 quality information per product

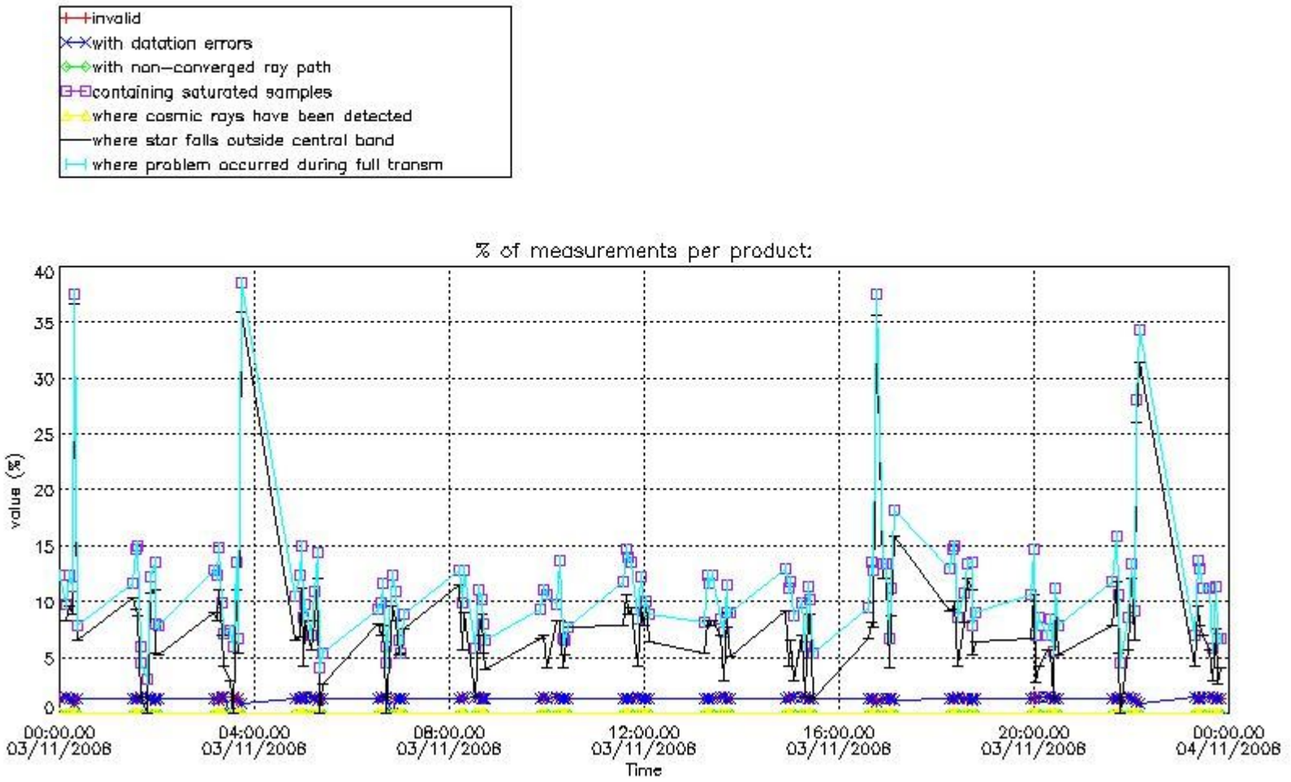
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

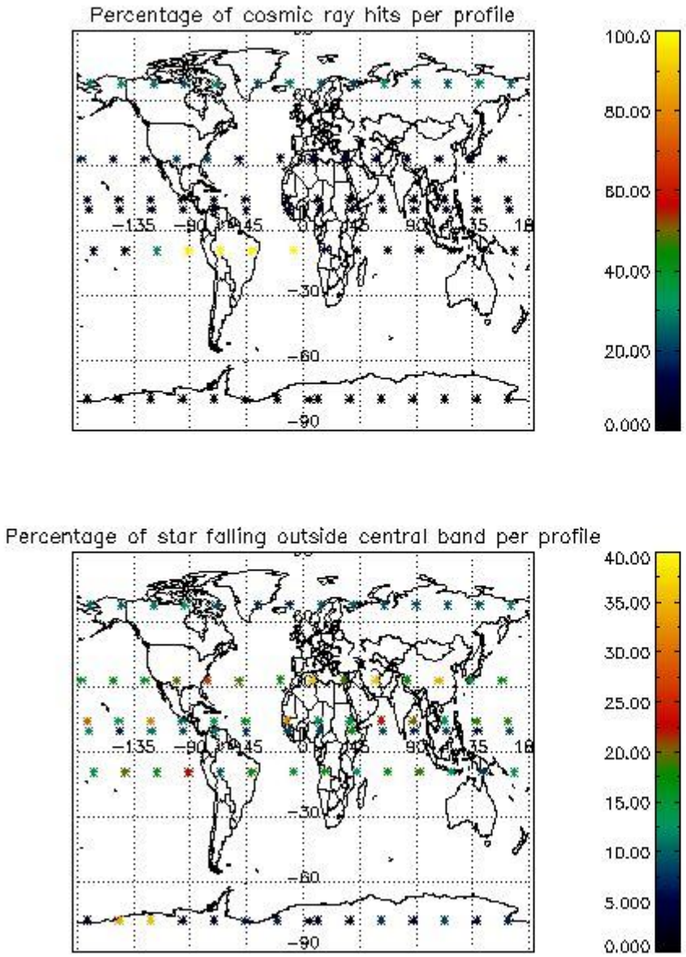


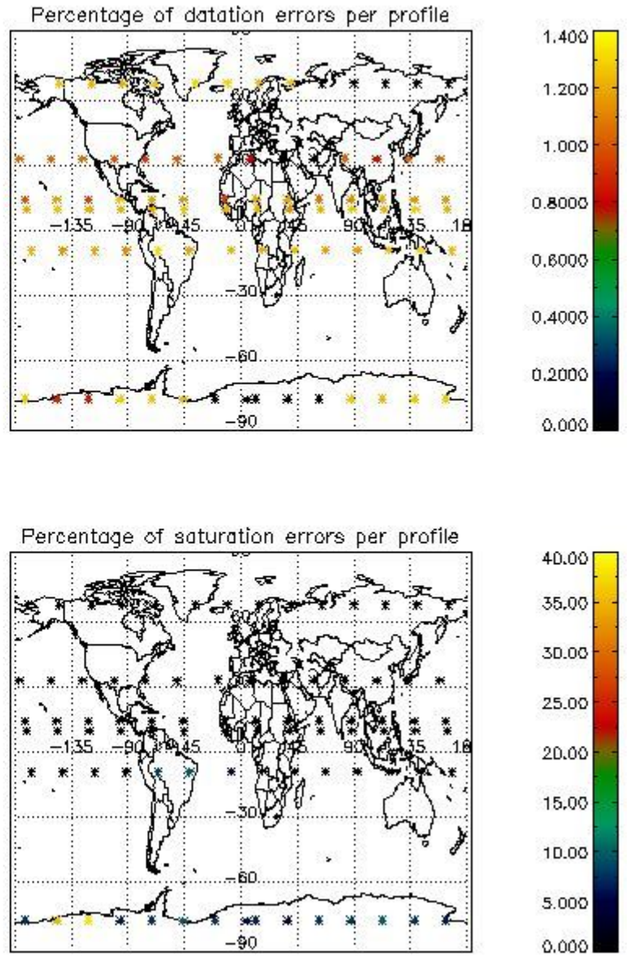
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



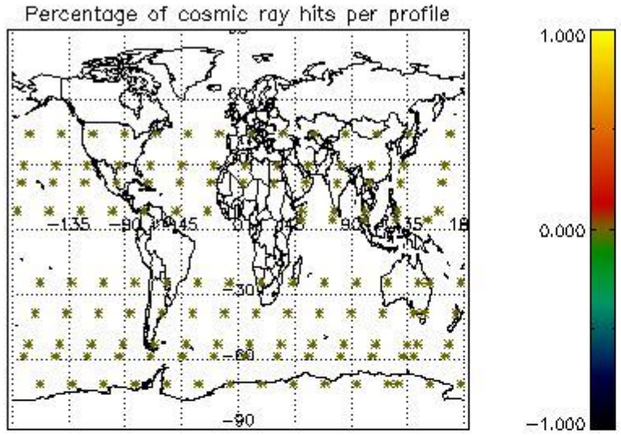
4.2 Plot quality information per product comming from level 1b processing (world map)

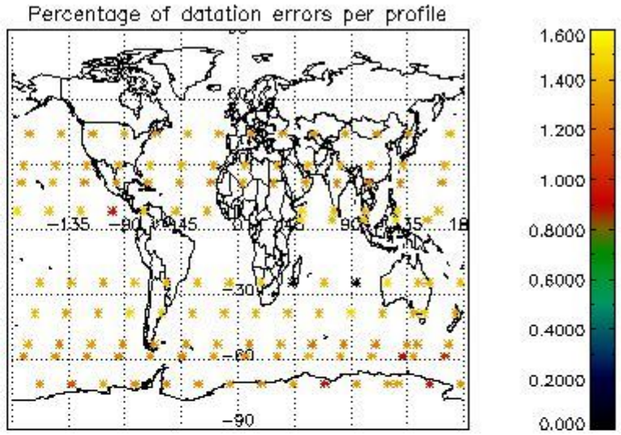
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

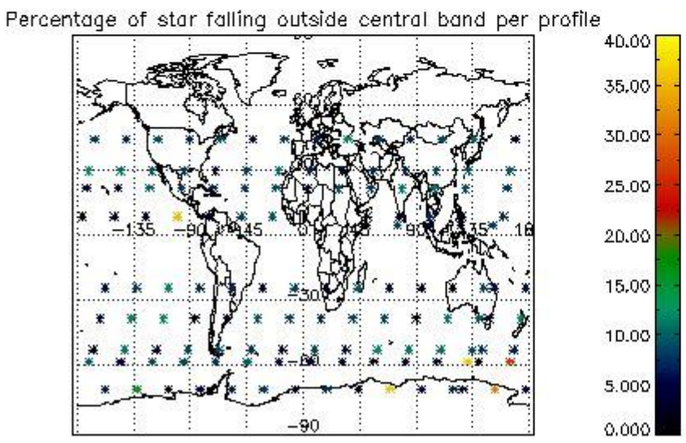


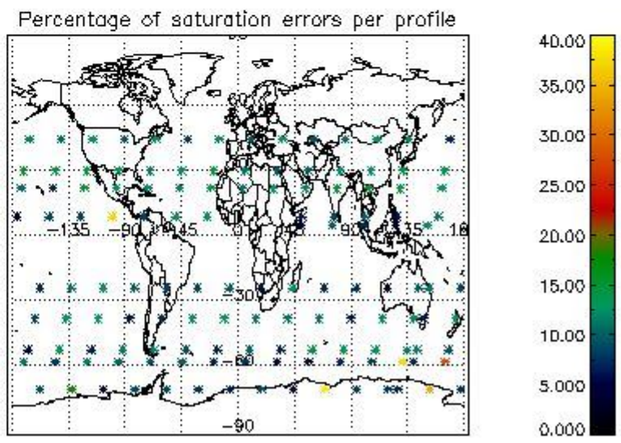


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









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

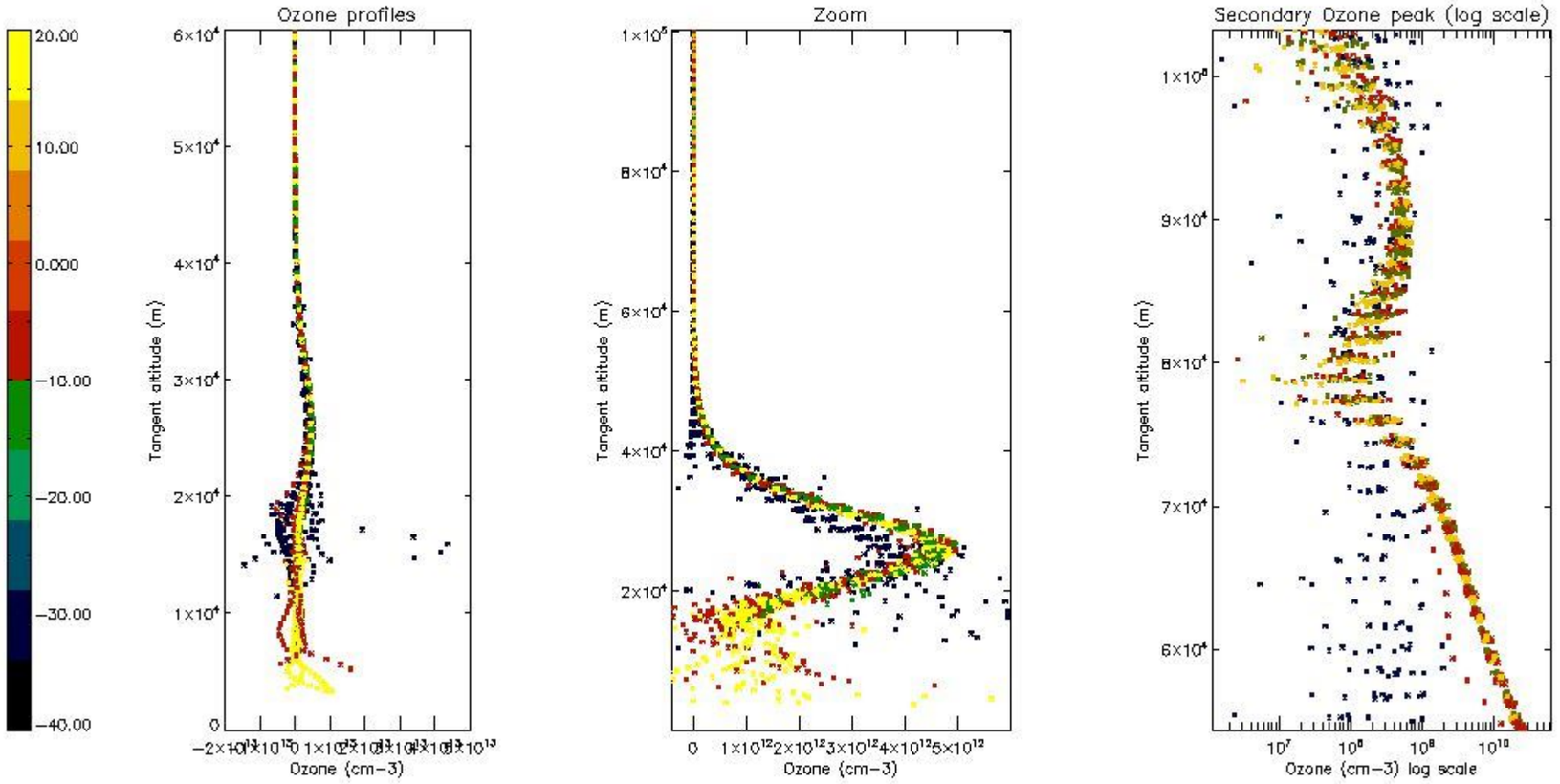
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	16

STD < 10	12
STD < 5	6

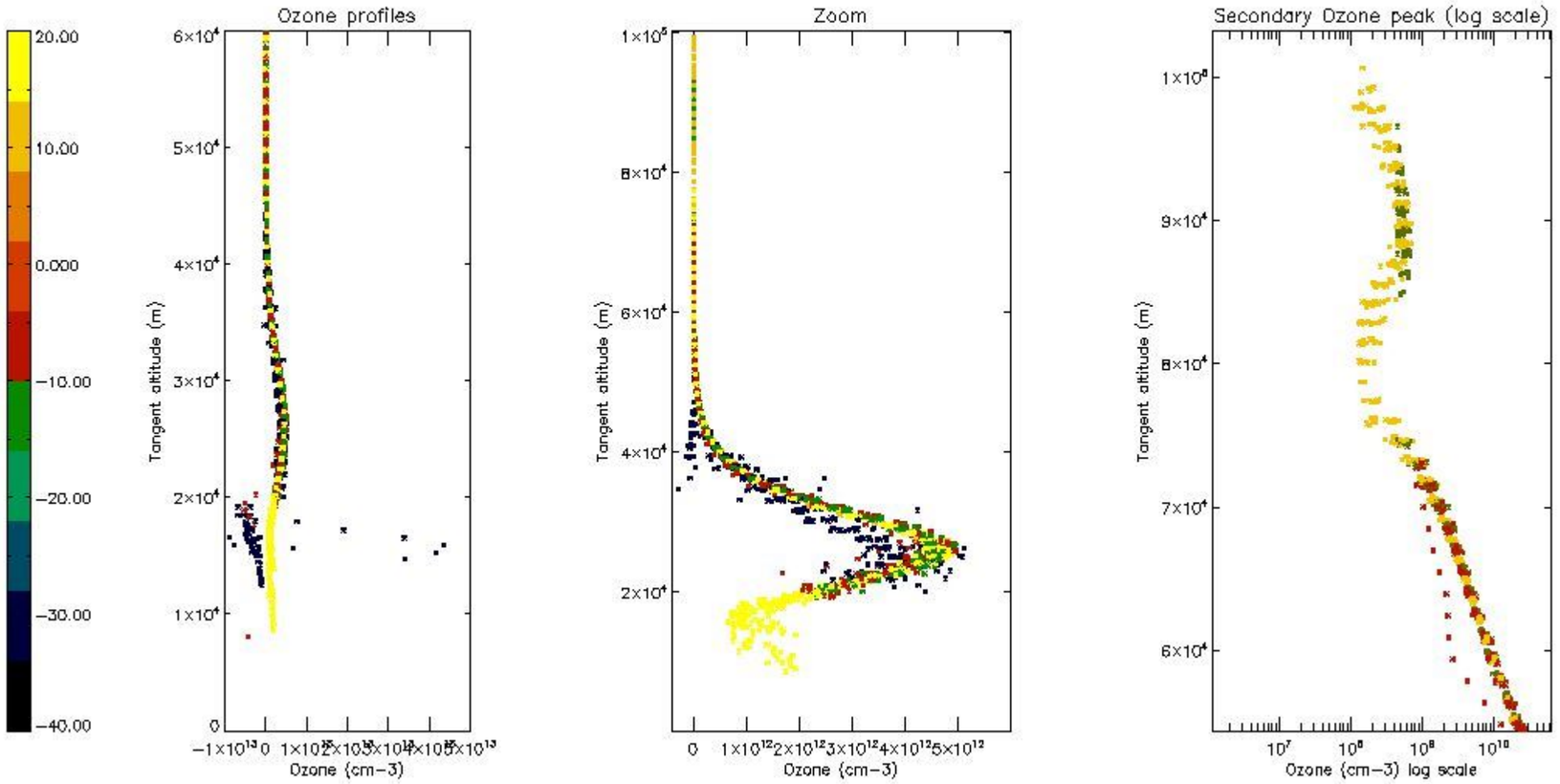
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



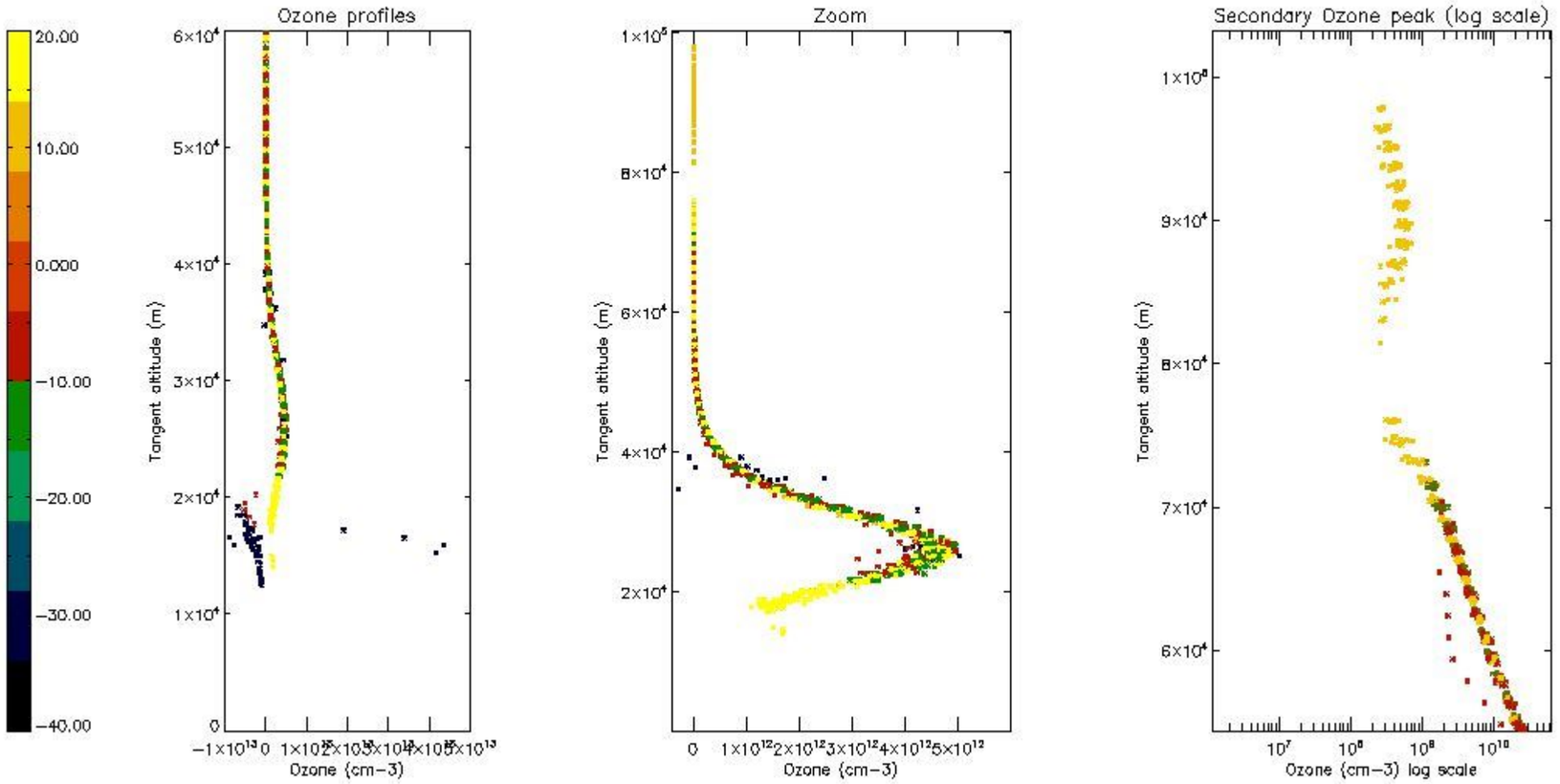
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



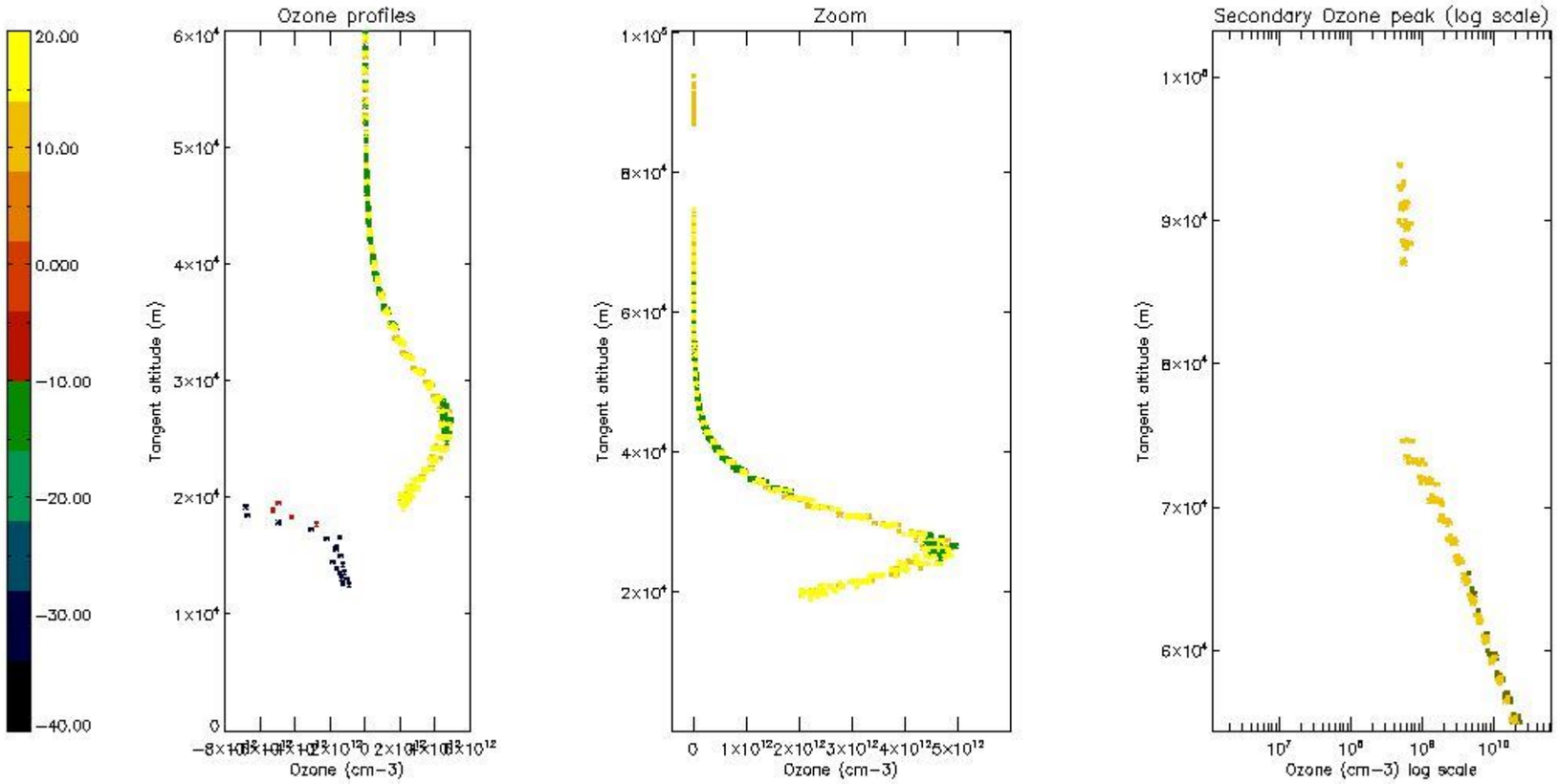
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



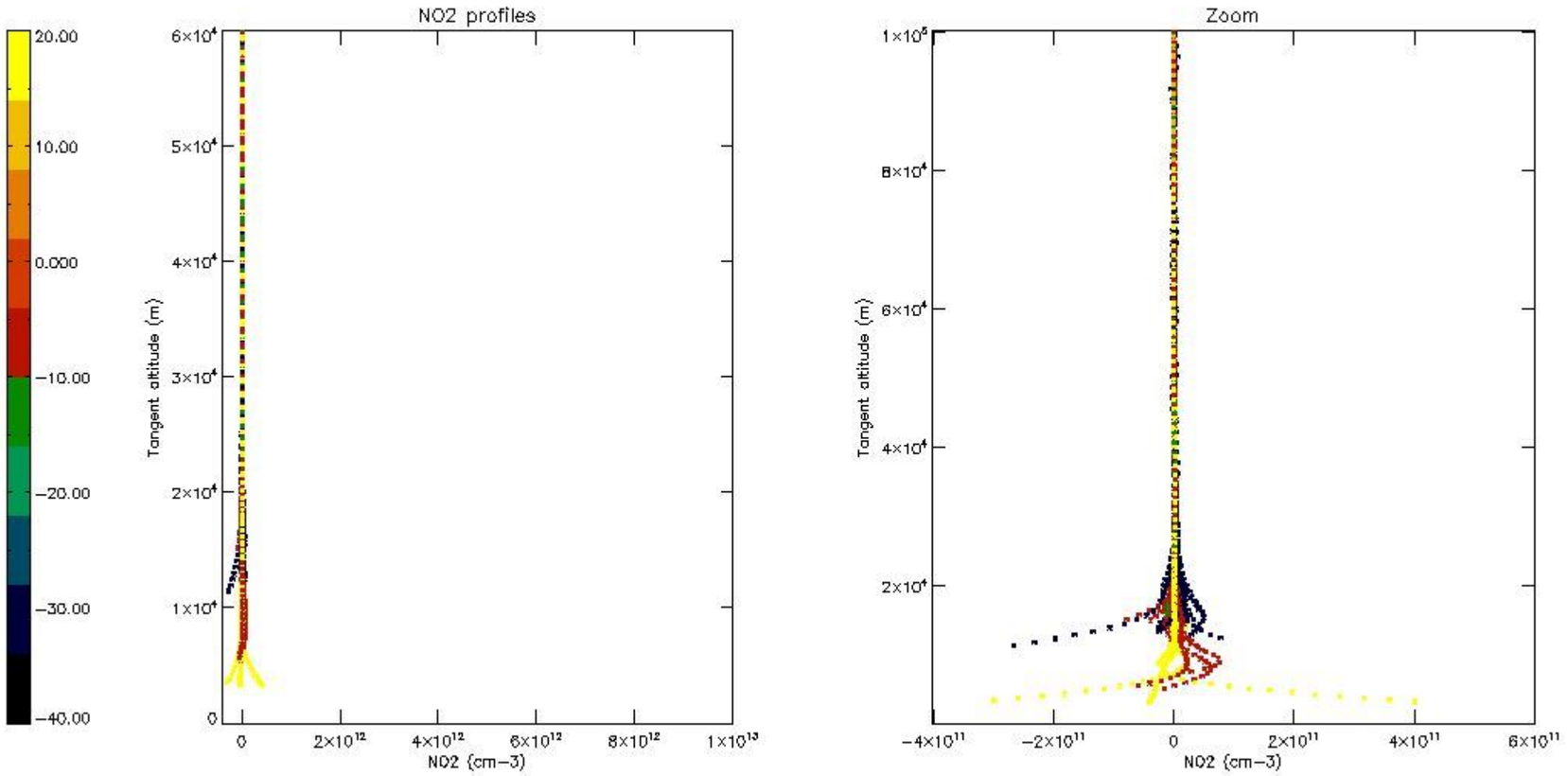
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



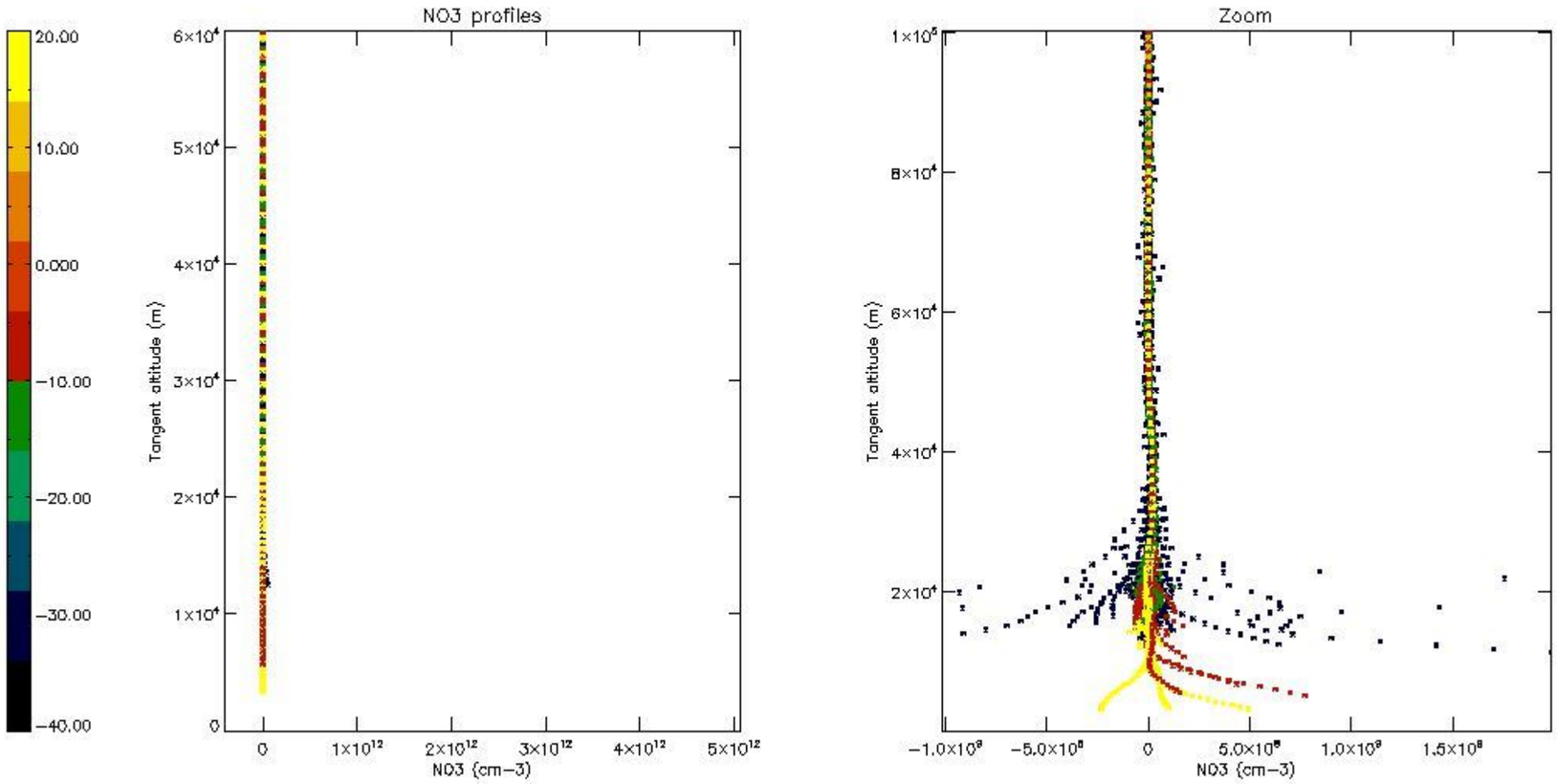
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



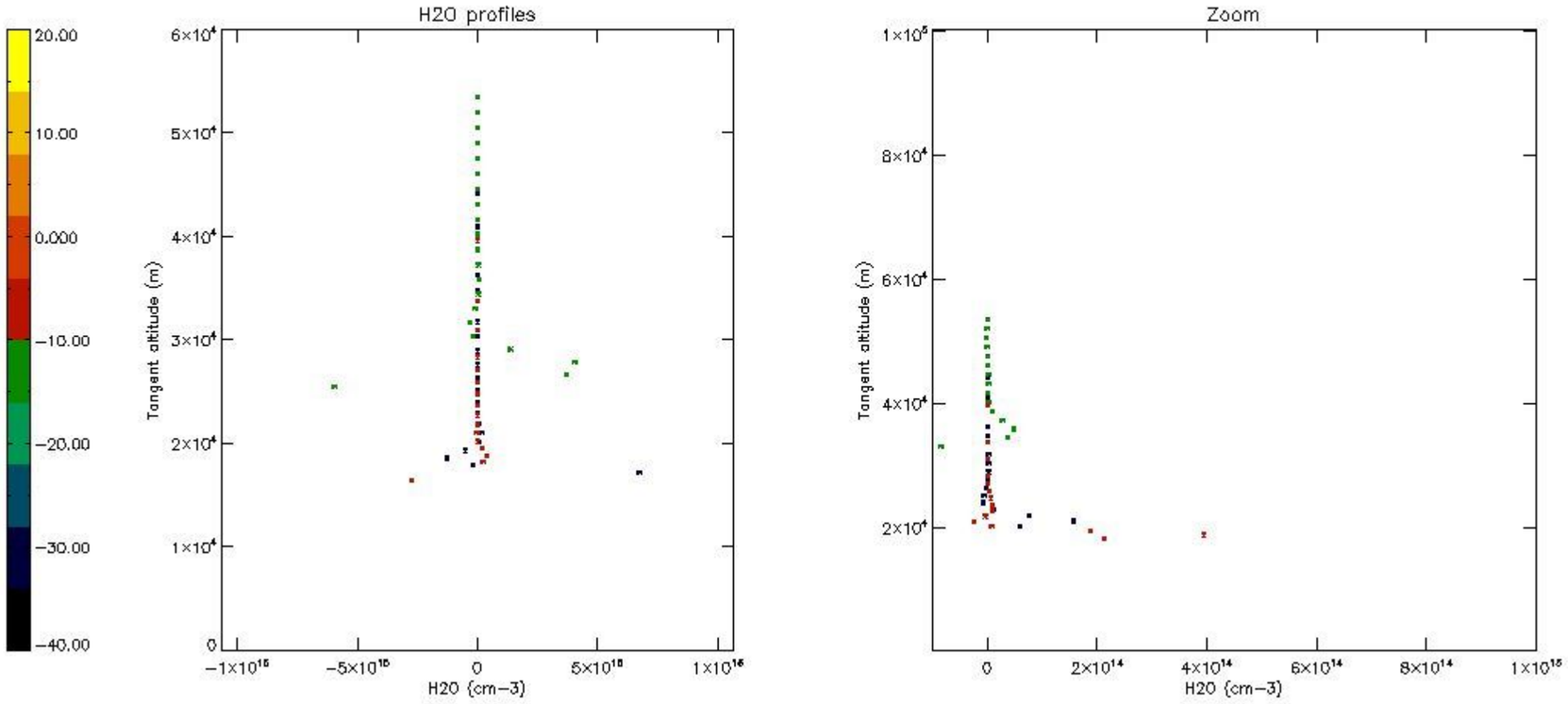
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

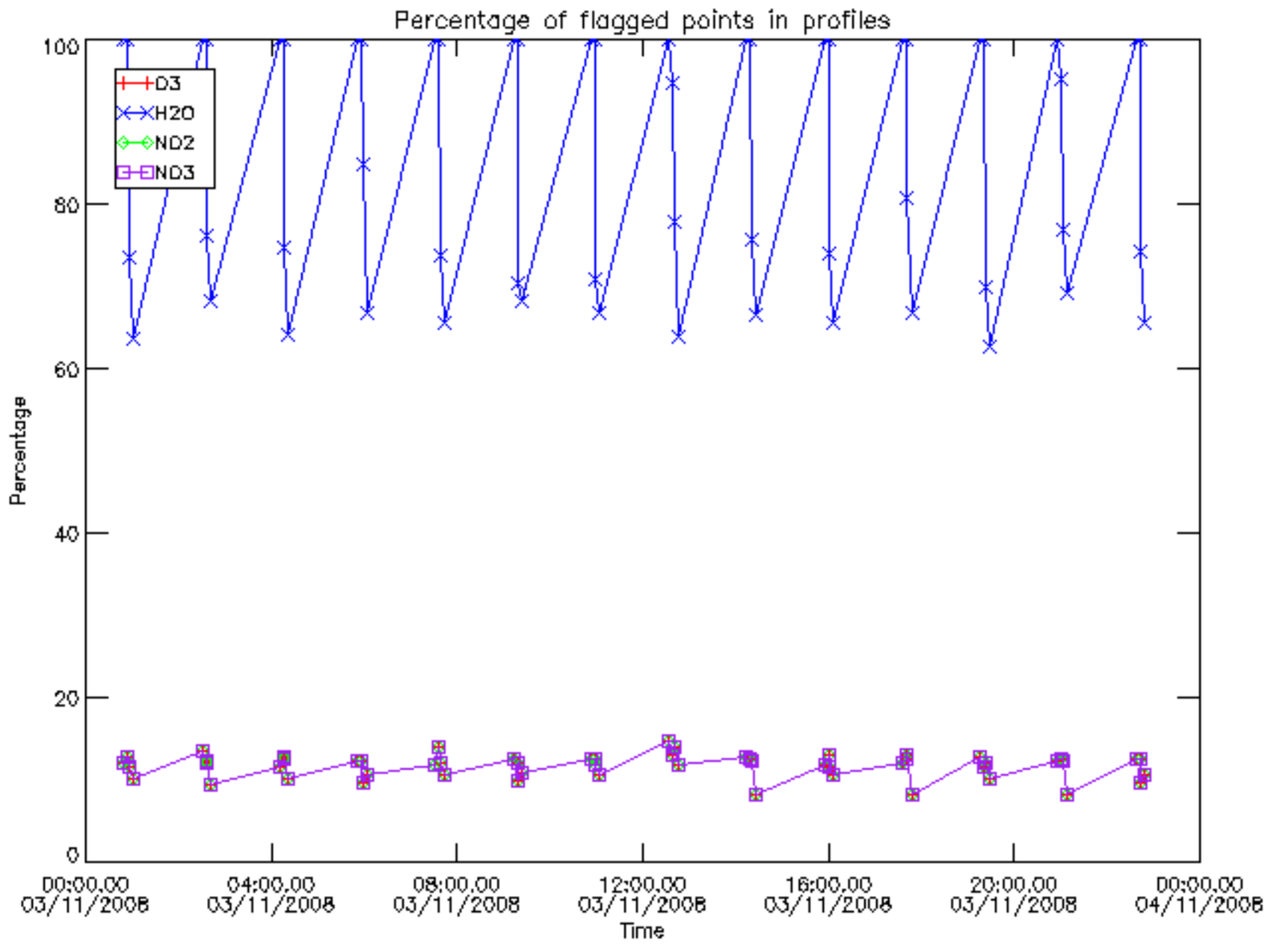
The colorbar represents the latitude.

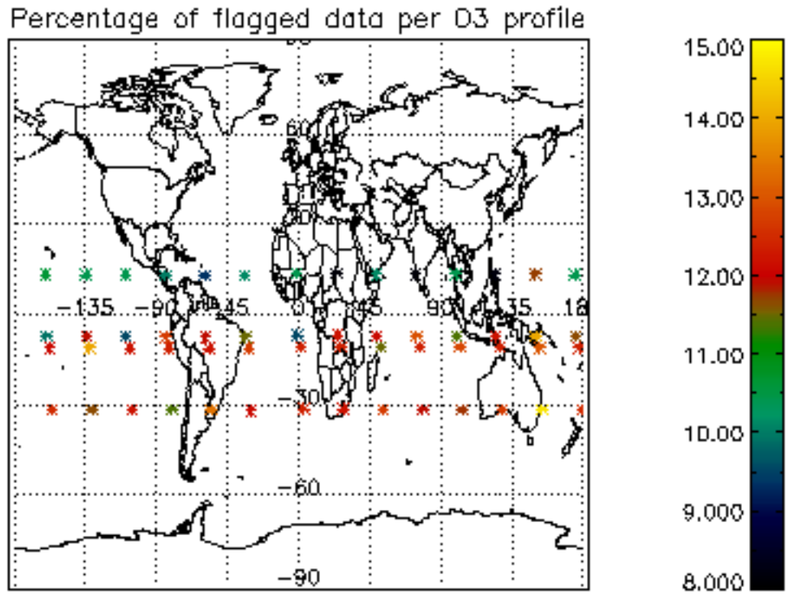


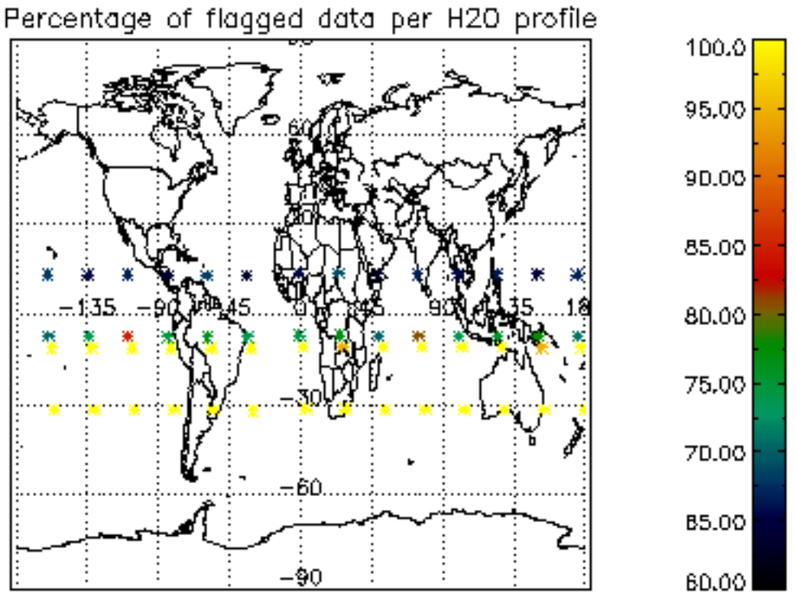
6. Auxiliary Data Files used for the production reported in section 2

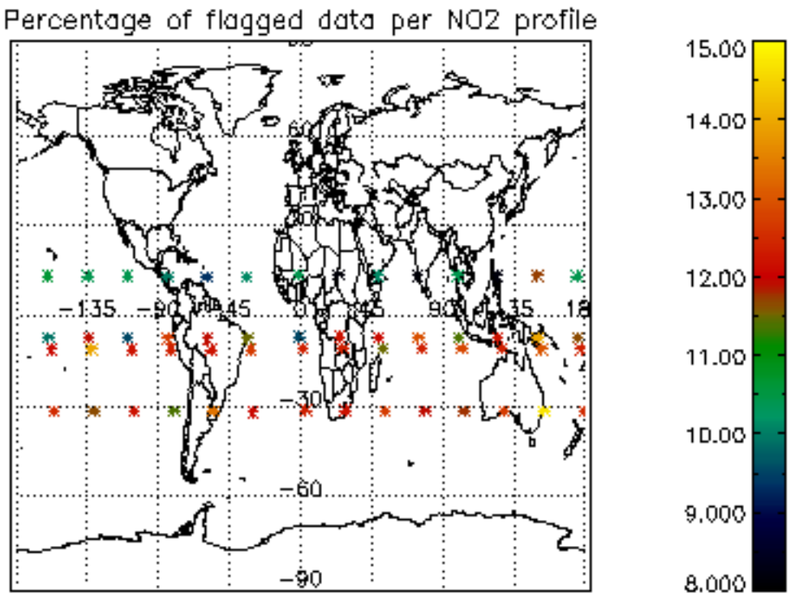
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

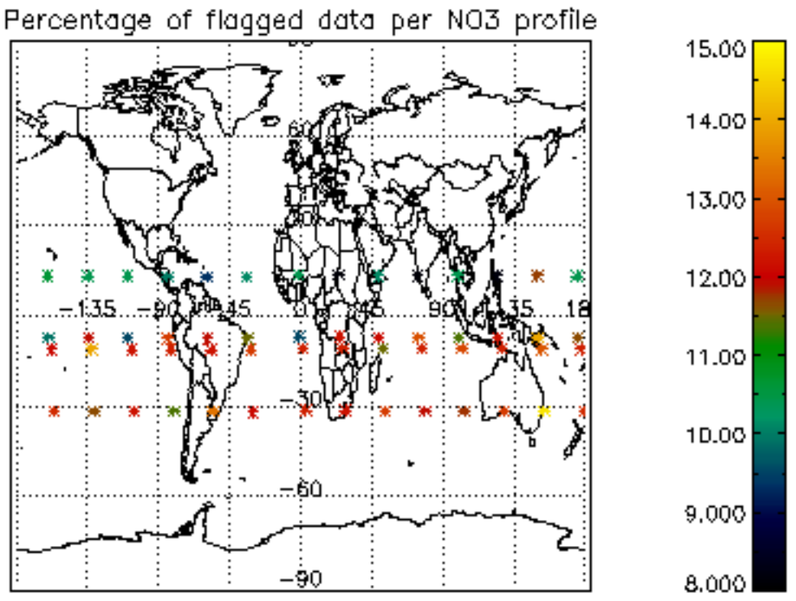
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-NOV-2008 00:00:18
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-NOV-2008 00:00:18
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-NOV-2008 00:00:18

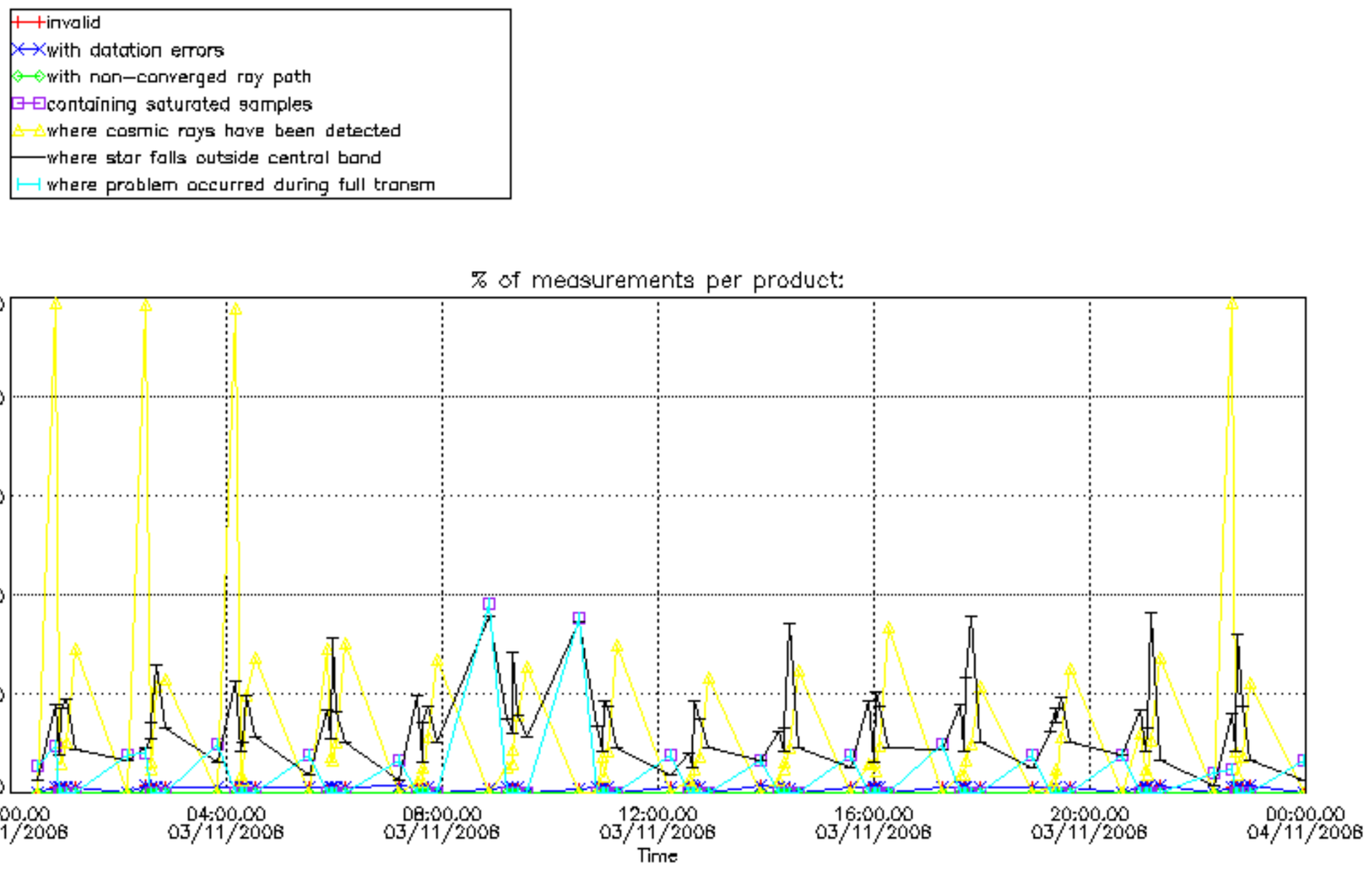

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
03/11/2008
04:00.00
03/11/2008
08:00.00
03/11/2008
12:00.00
03/11/2008
16:00.00
03/11/2008
20:00.00
03/11/2008
00:00.00
04/11/2008
Time

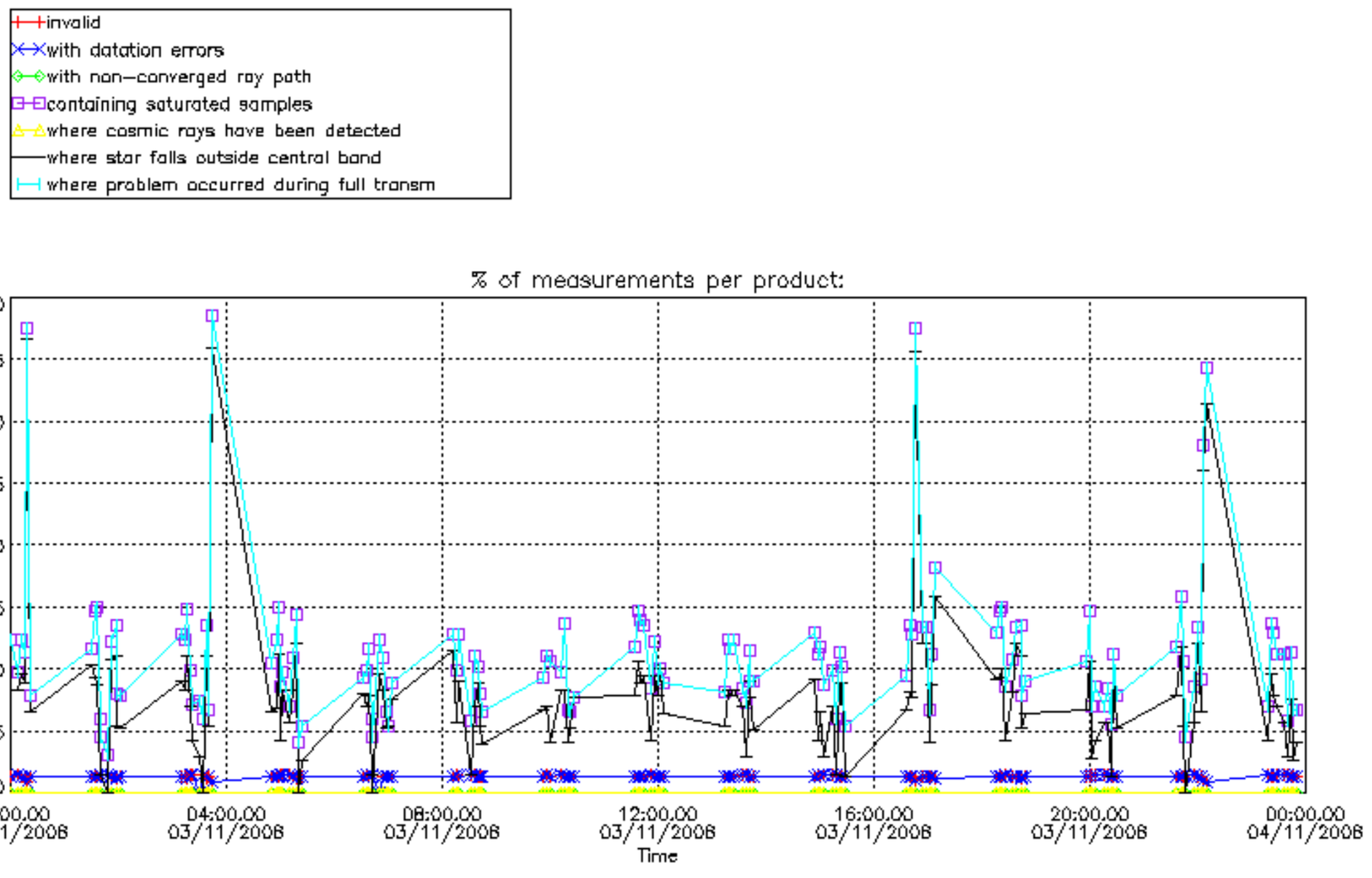

Percentage of flagged data per O3 profile
15.00
14.00
13.00
12.00
11.00
10.00
9.000
8.000
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

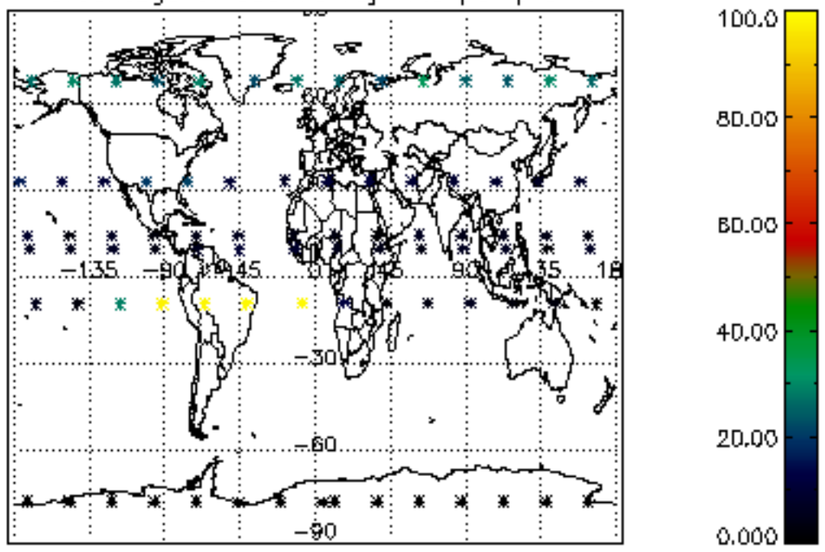

Percentage of flagged data per H2O profile
100.0
95.00
90.00
85.00
80.00
75.00
70.00
65.00
60.00
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

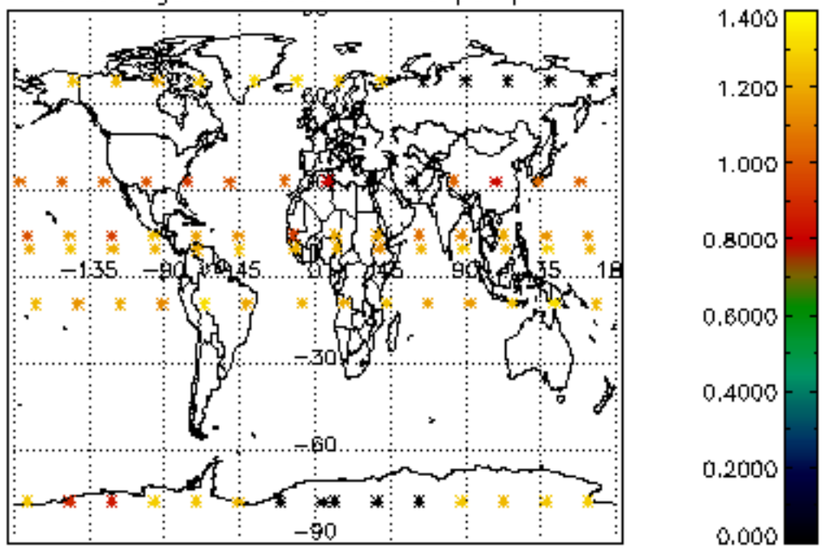

Percentage of flagged data per NO2 profile
15.00
14.00
13.00
12.00
11.00
10.00
9.000
8.000
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

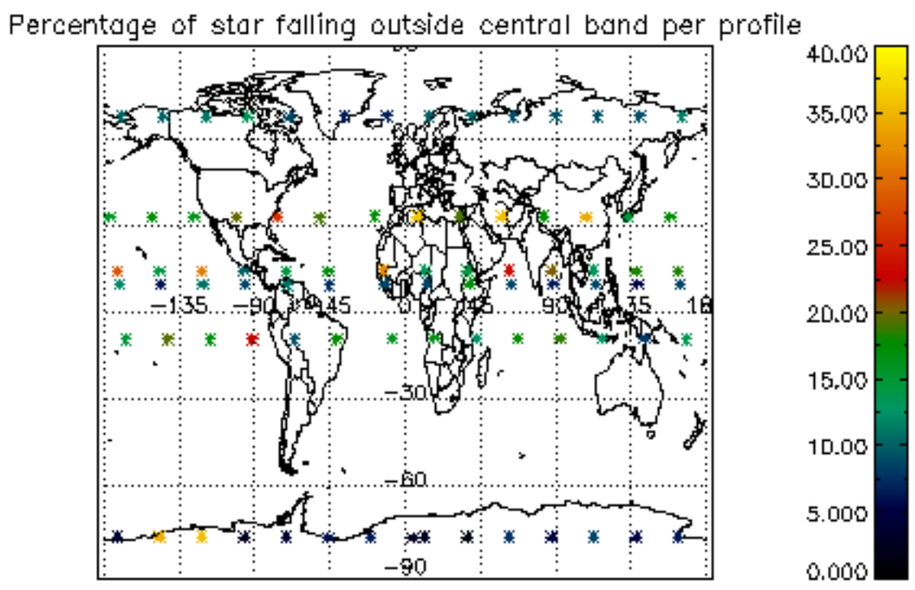

Percentage of flagged data per NO3 profile
15.00
14.00
13.00
12.00
11.00
10.00
9.000
8.000
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

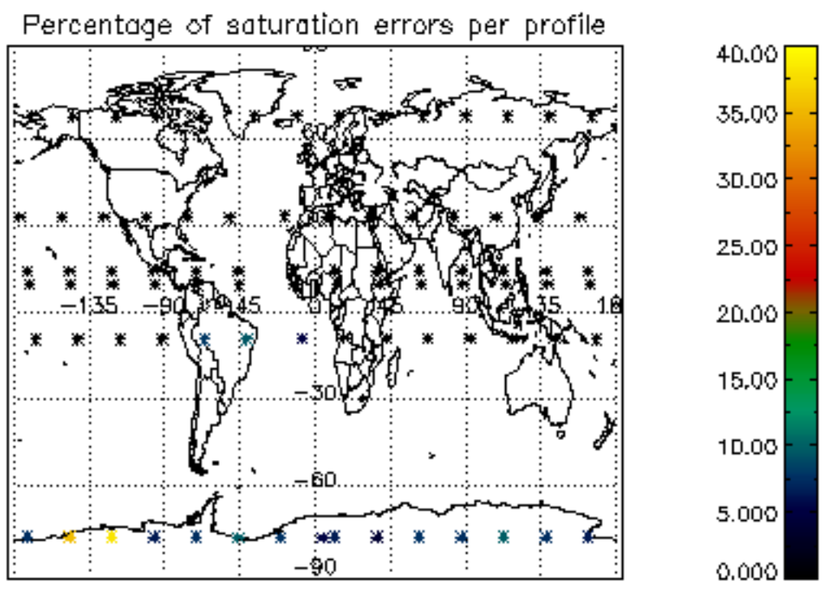

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
03/11/2006
04:00.00
03/11/2006
08:00.00
03/11/2006
12:00.00
03/11/2006
16:00.00
03/11/2006
20:00.00
03/11/2006
00:00.00
04/11/2006
Time


invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
35
40
00:00.00 03/11/2006
04:00.00 03/11/2006
08:00.00 03/11/2006
12:00.00 03/11/2006
16:00.00 03/11/2006
20:00.00 03/11/2006
00:00.00 04/11/2006
Time

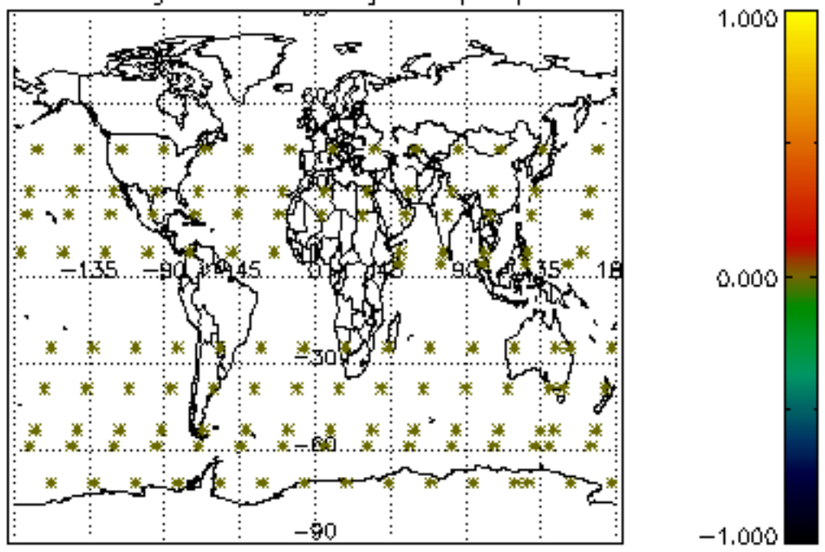

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−30
−60
−90


Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−30
−60
−90

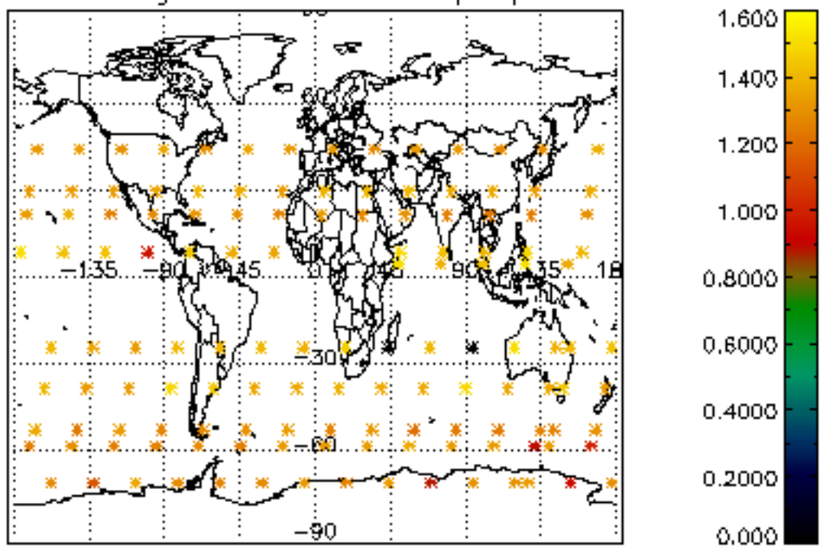

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90


Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

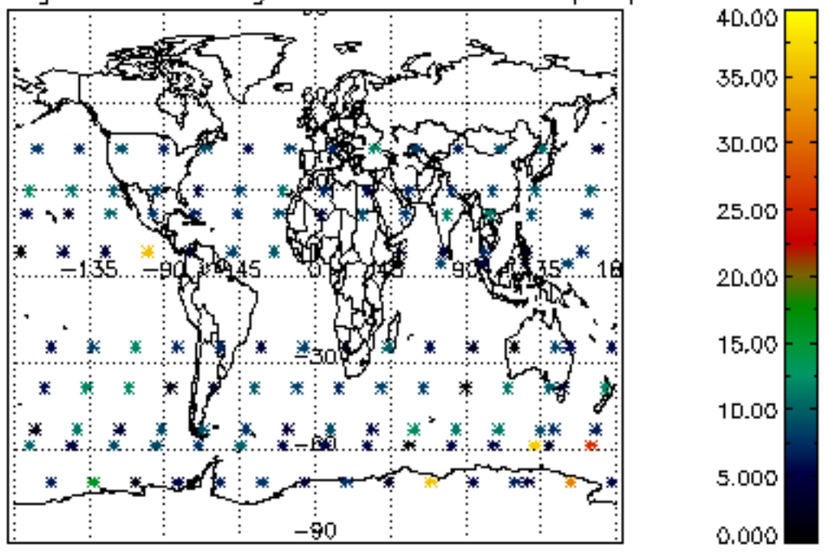
Percentage of cosmic ray hits per profile



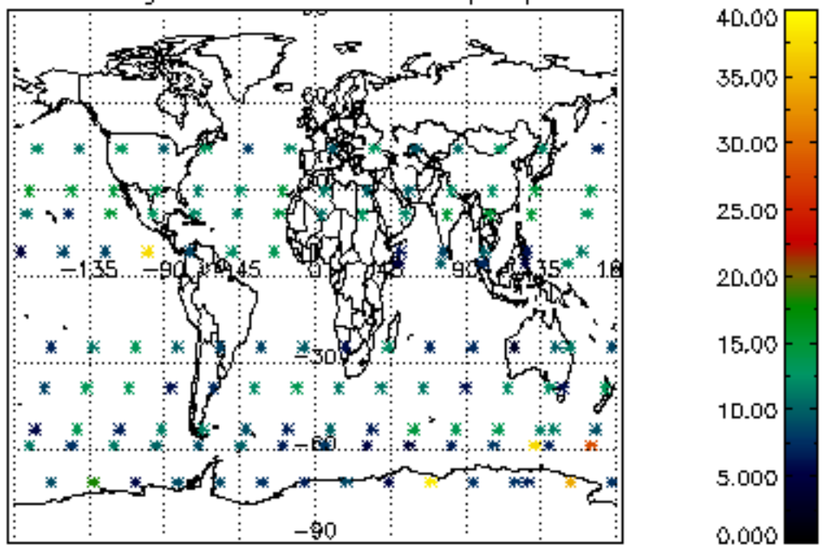
Percentage of datation errors per profile

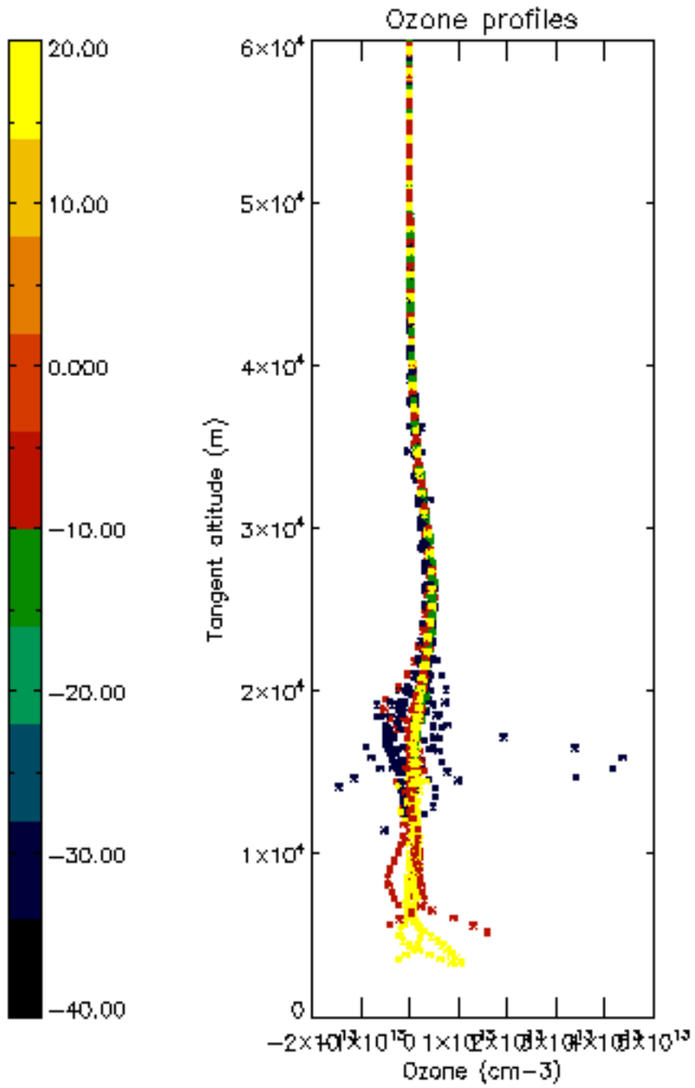


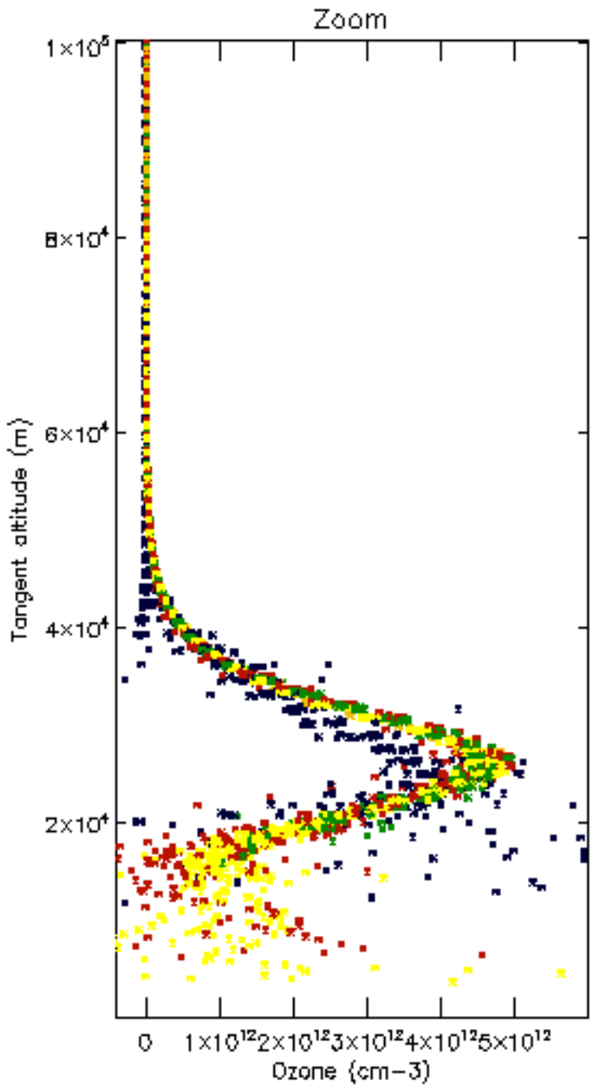
Percentage of star falling outside central band per profile

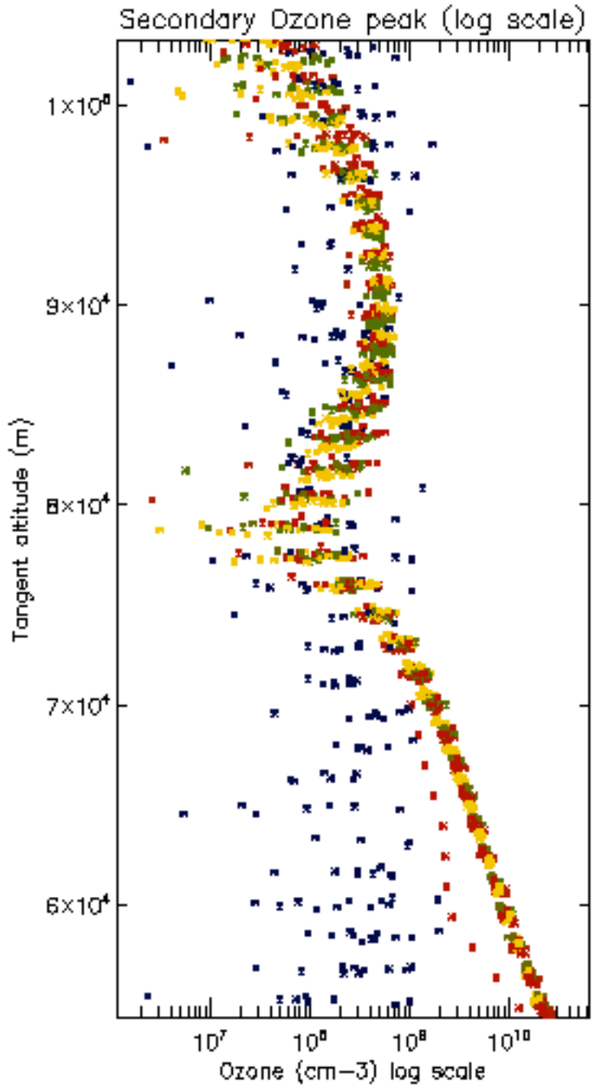


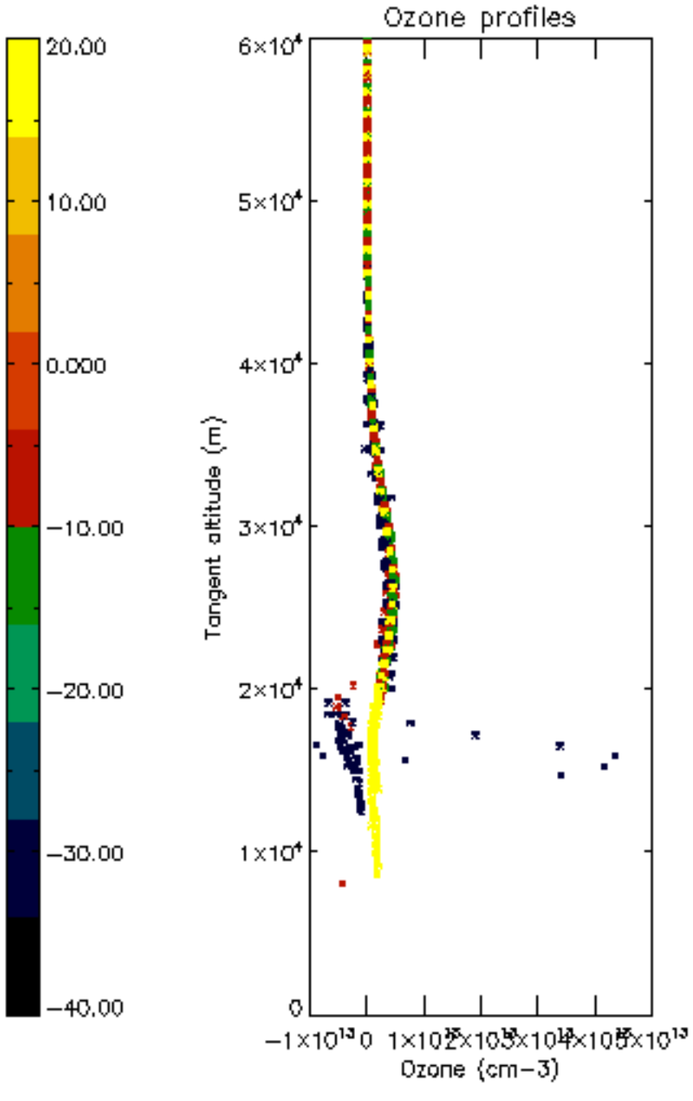
Percentage of saturation errors per profile

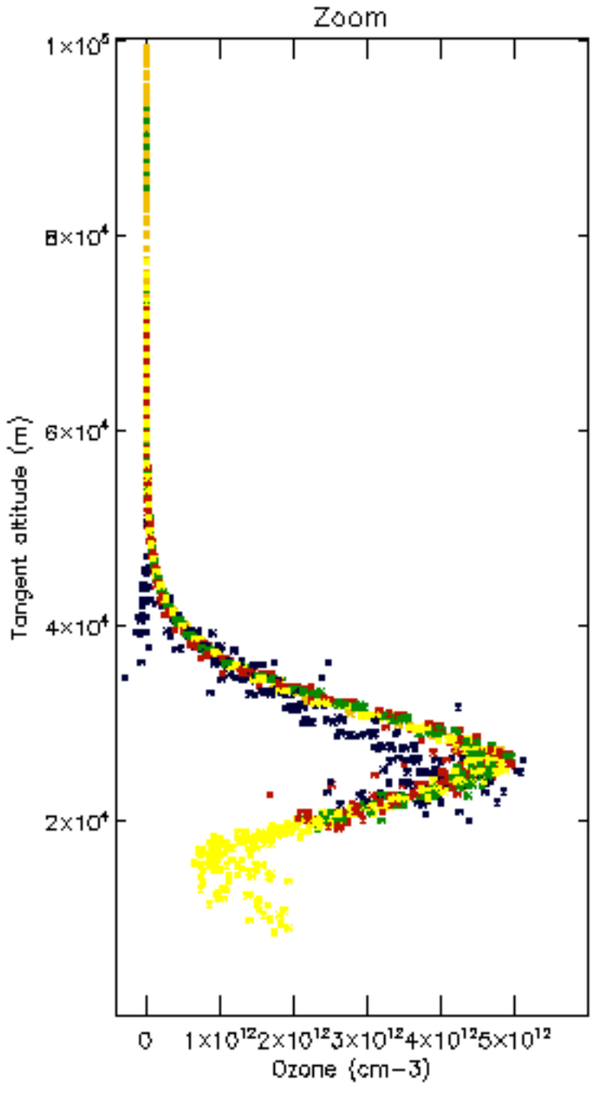


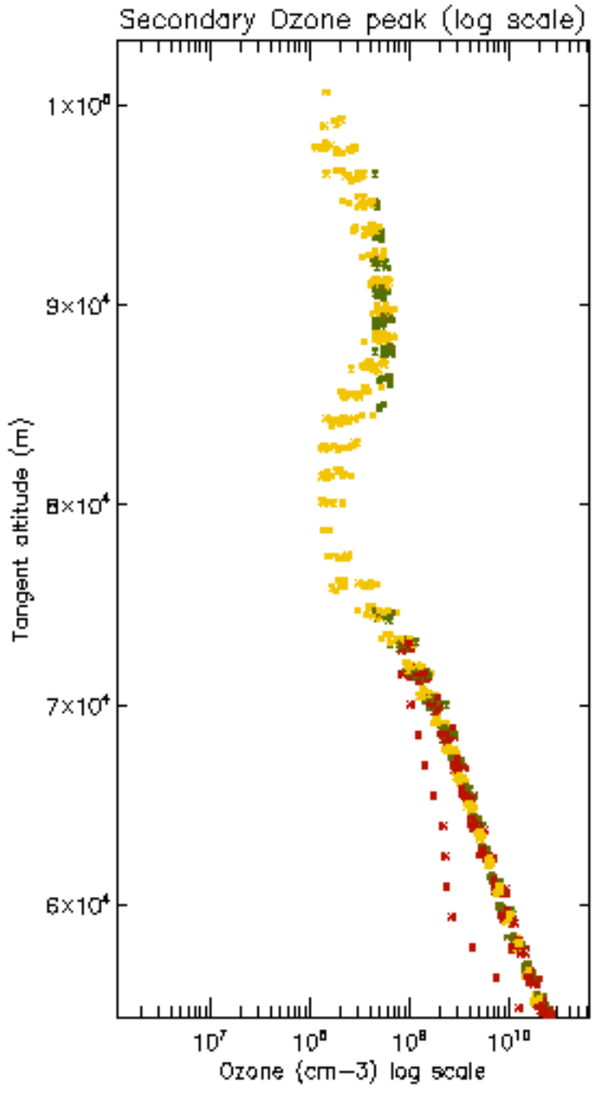

Ozone profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−2×10¹³ −1×10¹³ 0 1×10¹³ 2×10¹³ 3×10¹³ 4×10¹³ 5×10¹³
Ozone (cm−3)

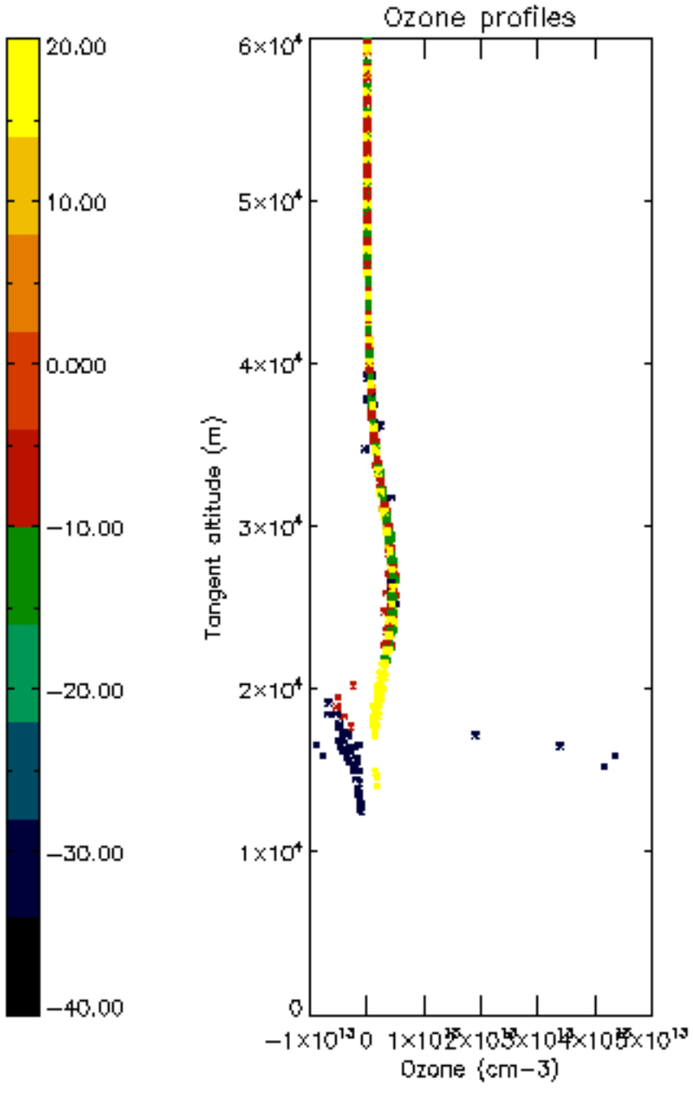

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

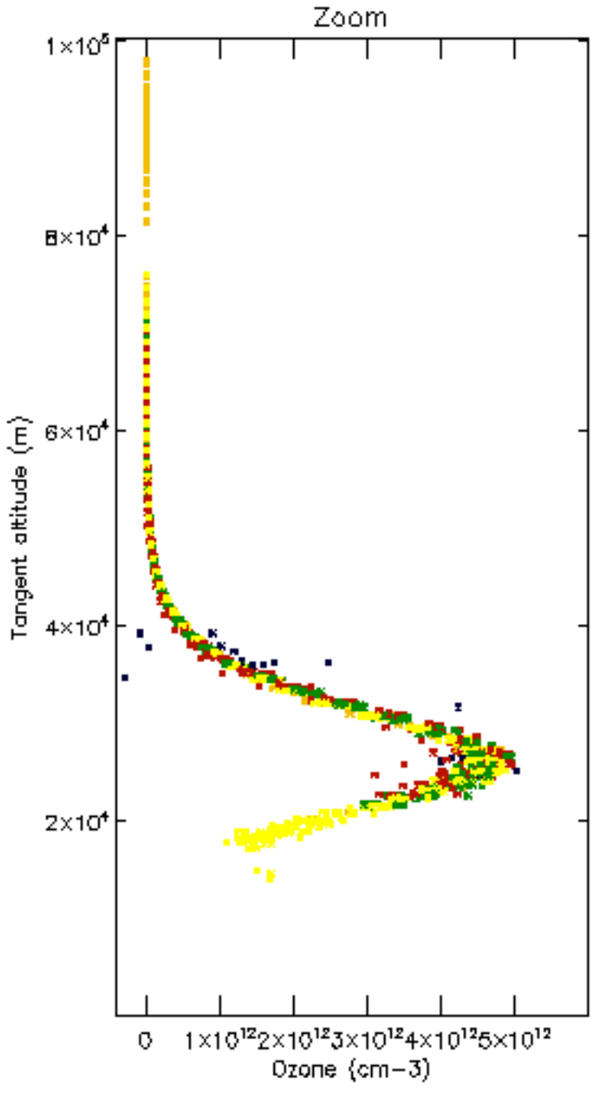

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale

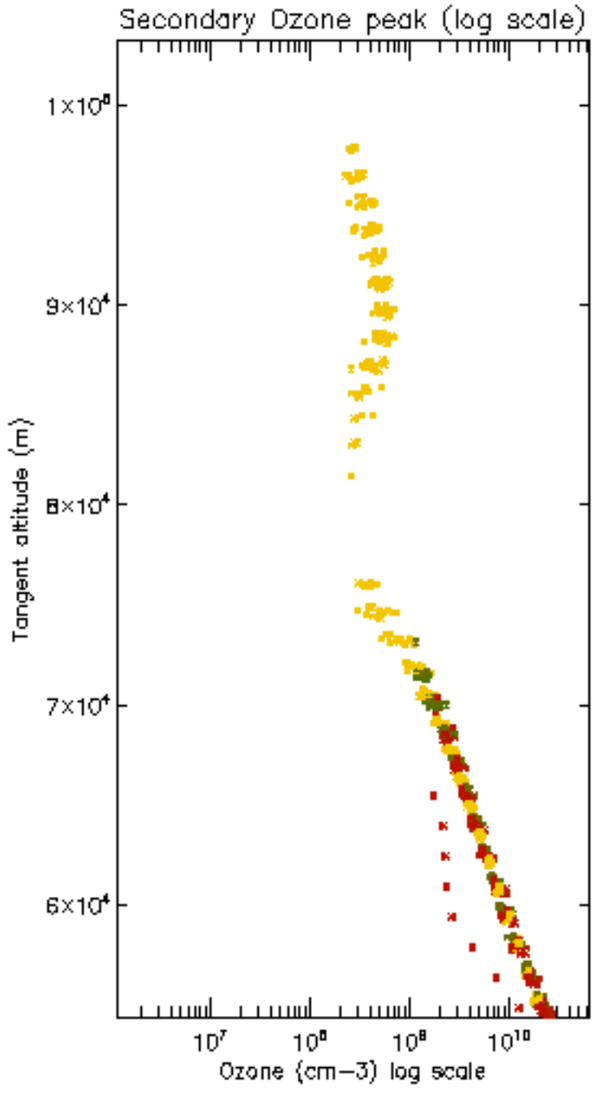

20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
Ozone profiles
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1×10¹³ 0 1×10¹³ 2×10¹³ 3×10¹³ 4×10¹³ 5×10¹³
Ozone (cm−3)

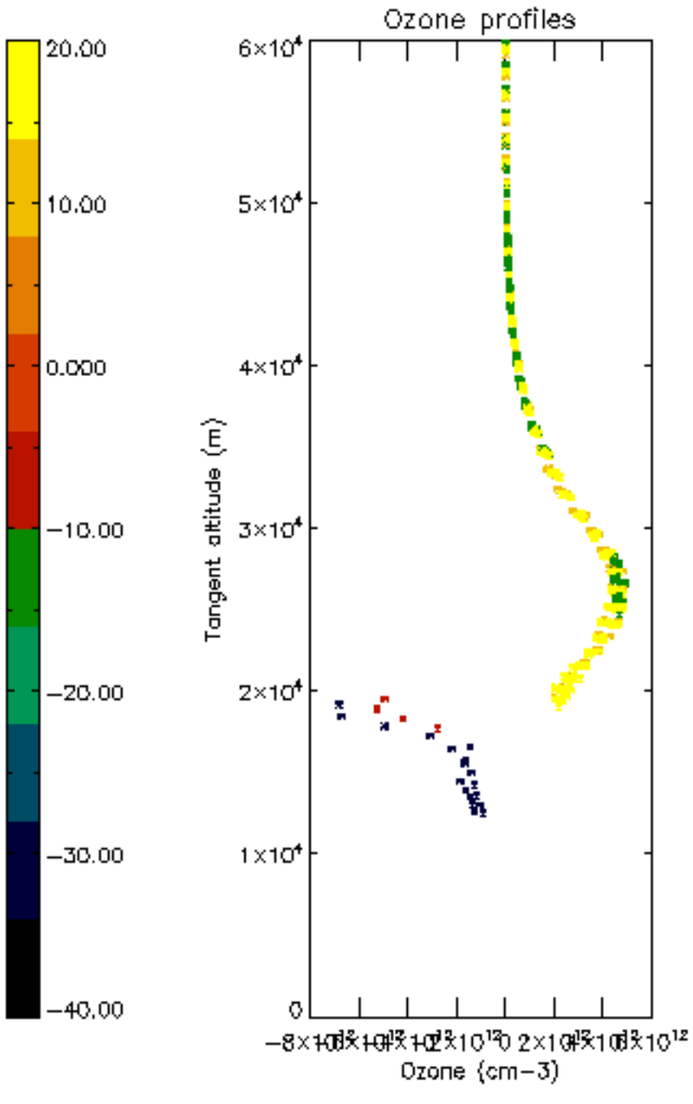

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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


Ozone profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹³ 0 1×10¹² 2×10¹³ 3×10¹⁴ 4×10¹⁵ 5×10¹³
Ozone (cm−3)

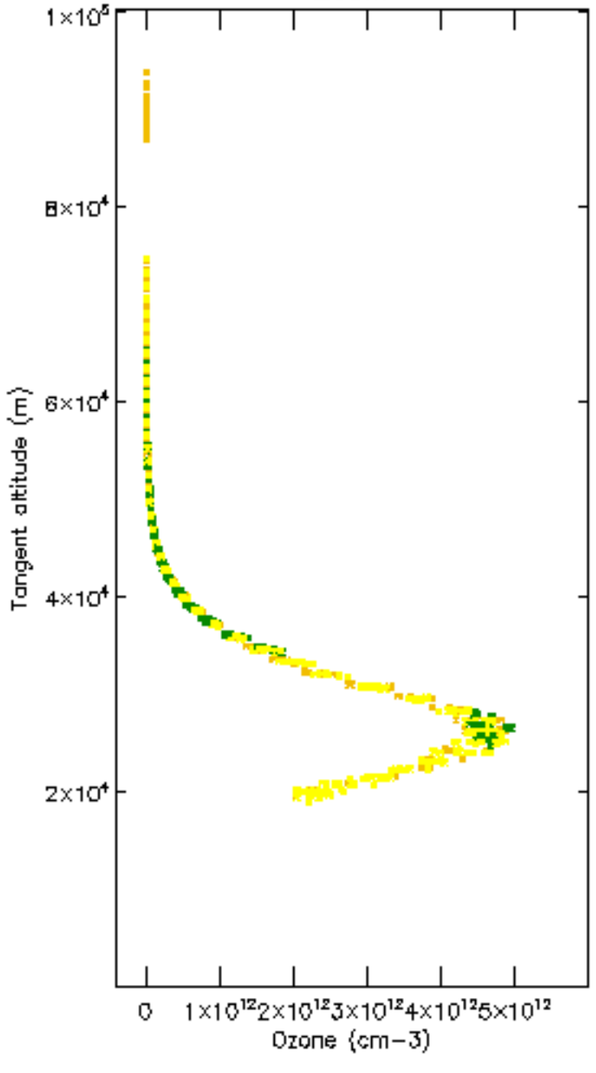

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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

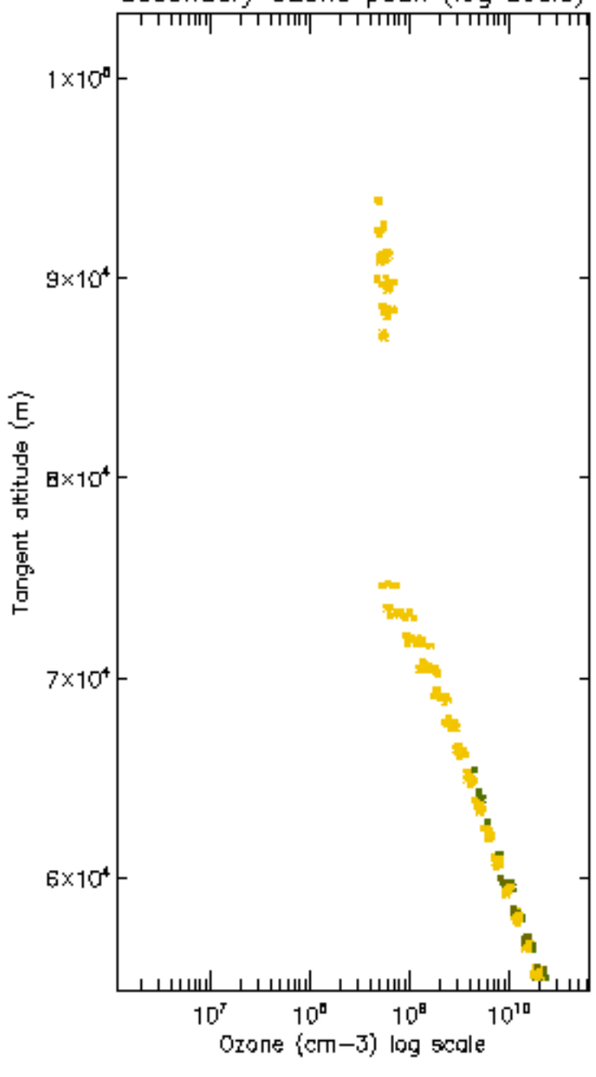


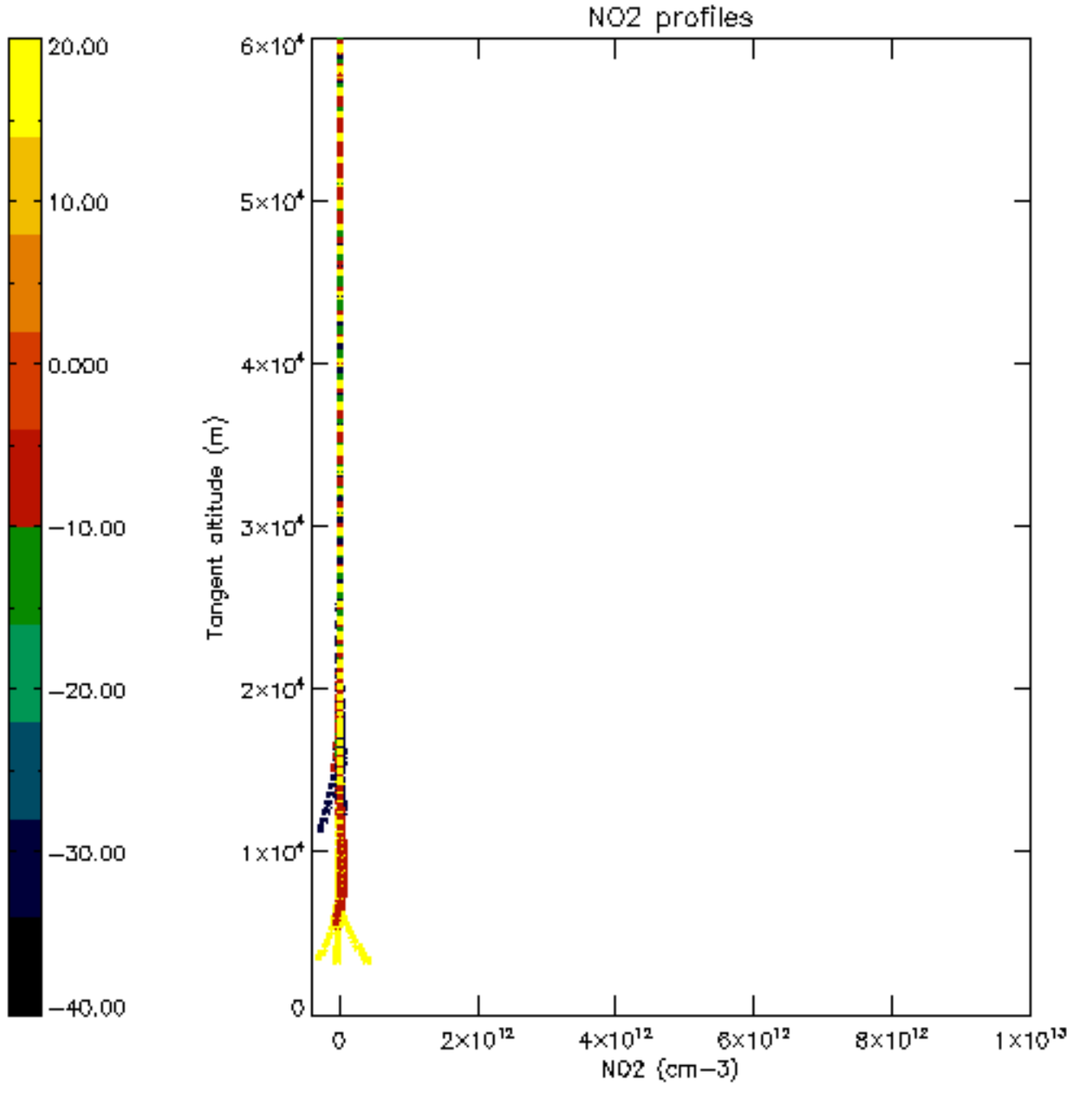
Ozone profiles

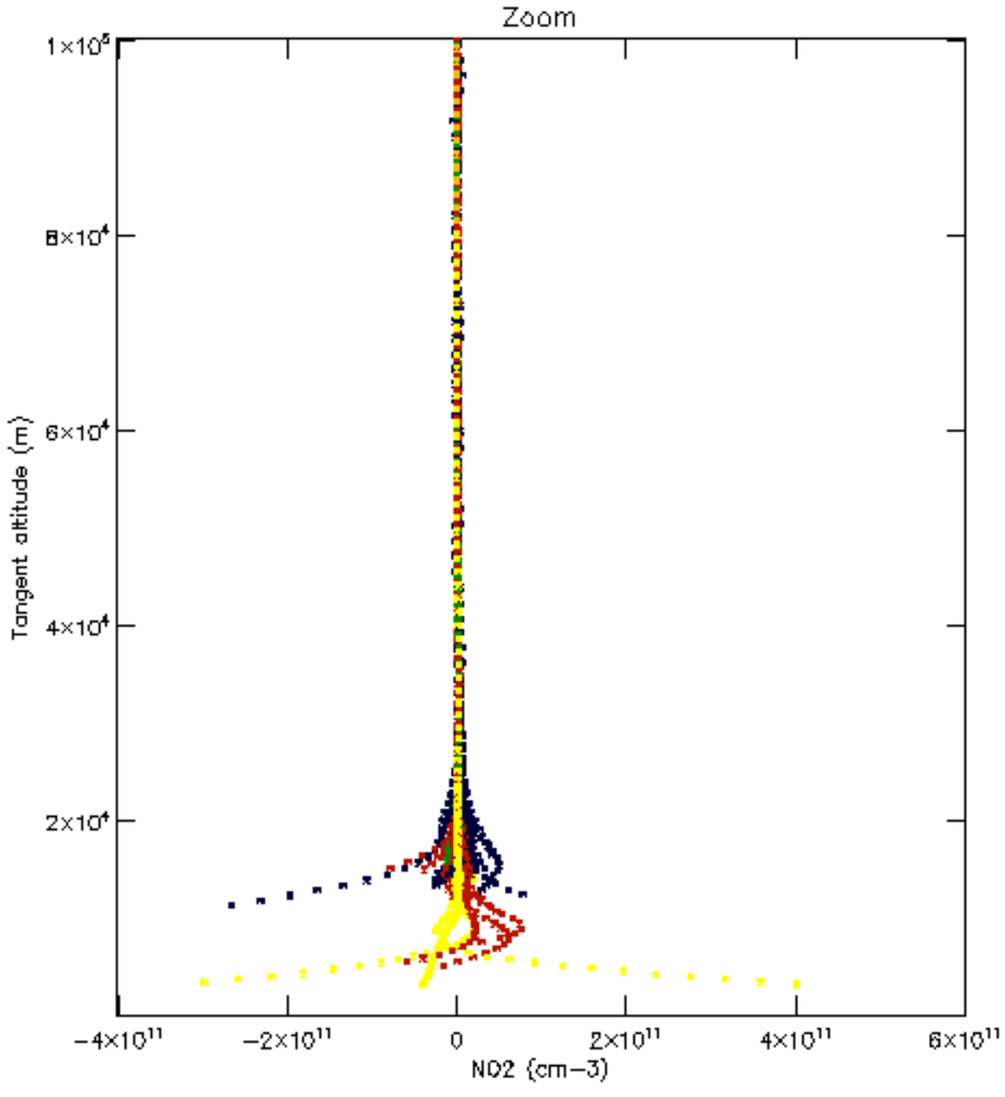
Zoom

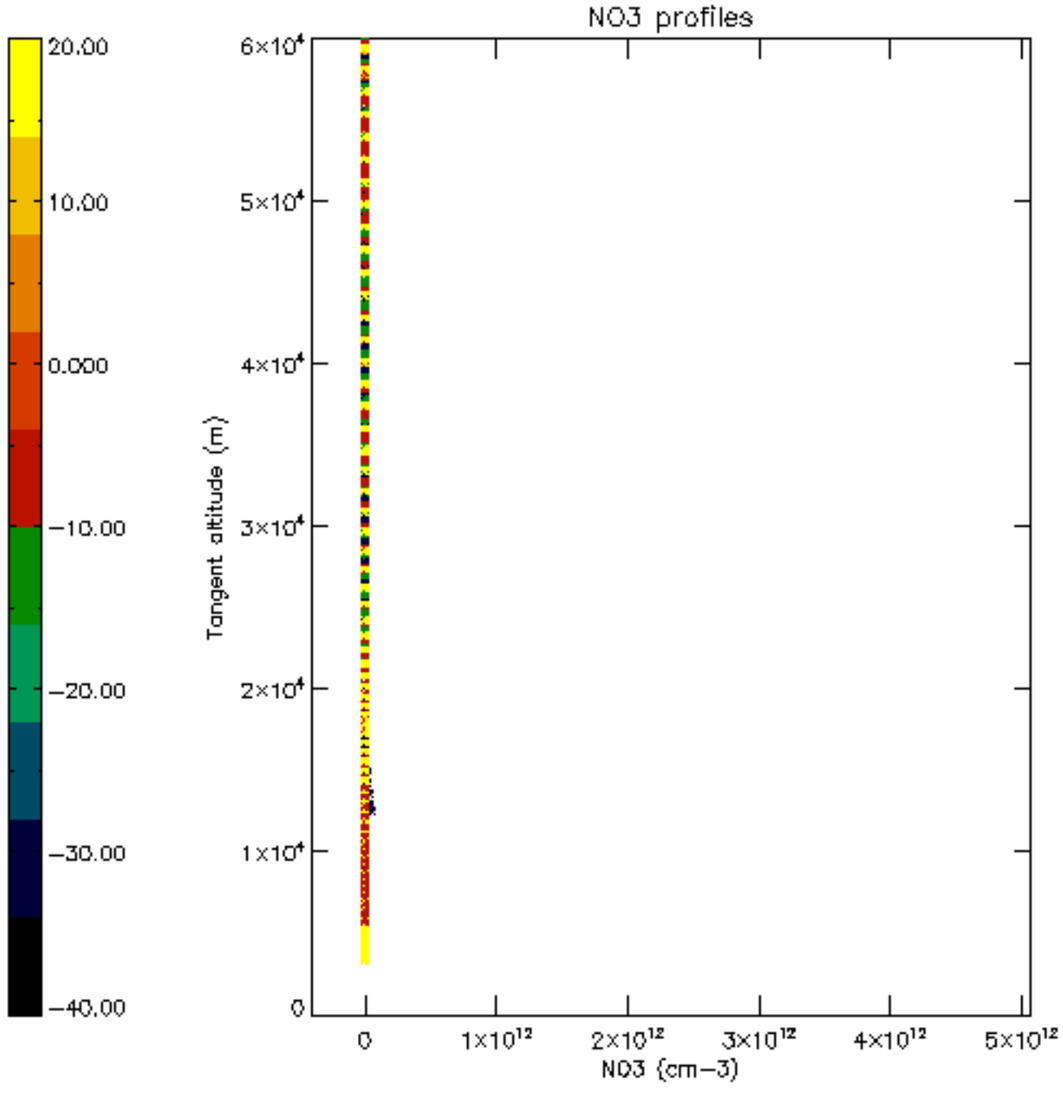


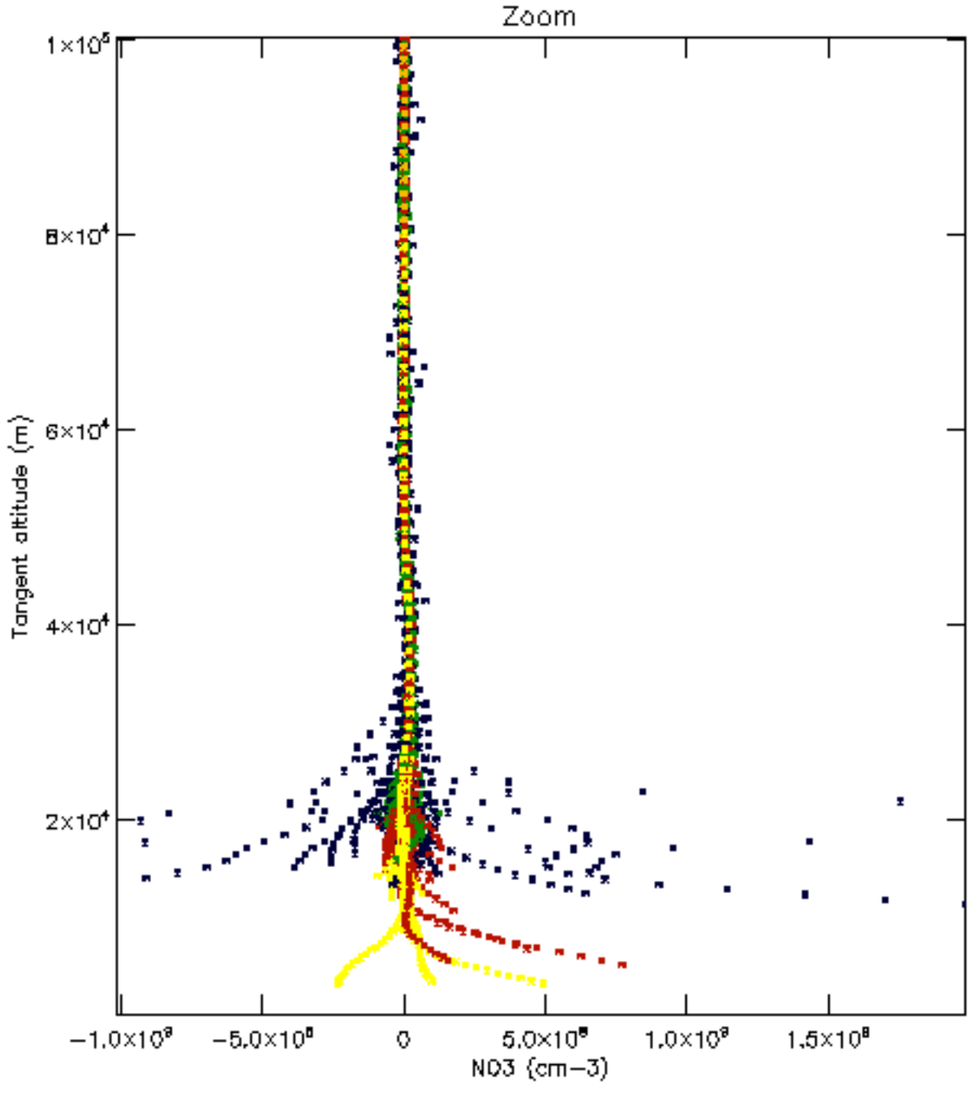
Secondary Ozone peak (log scale)

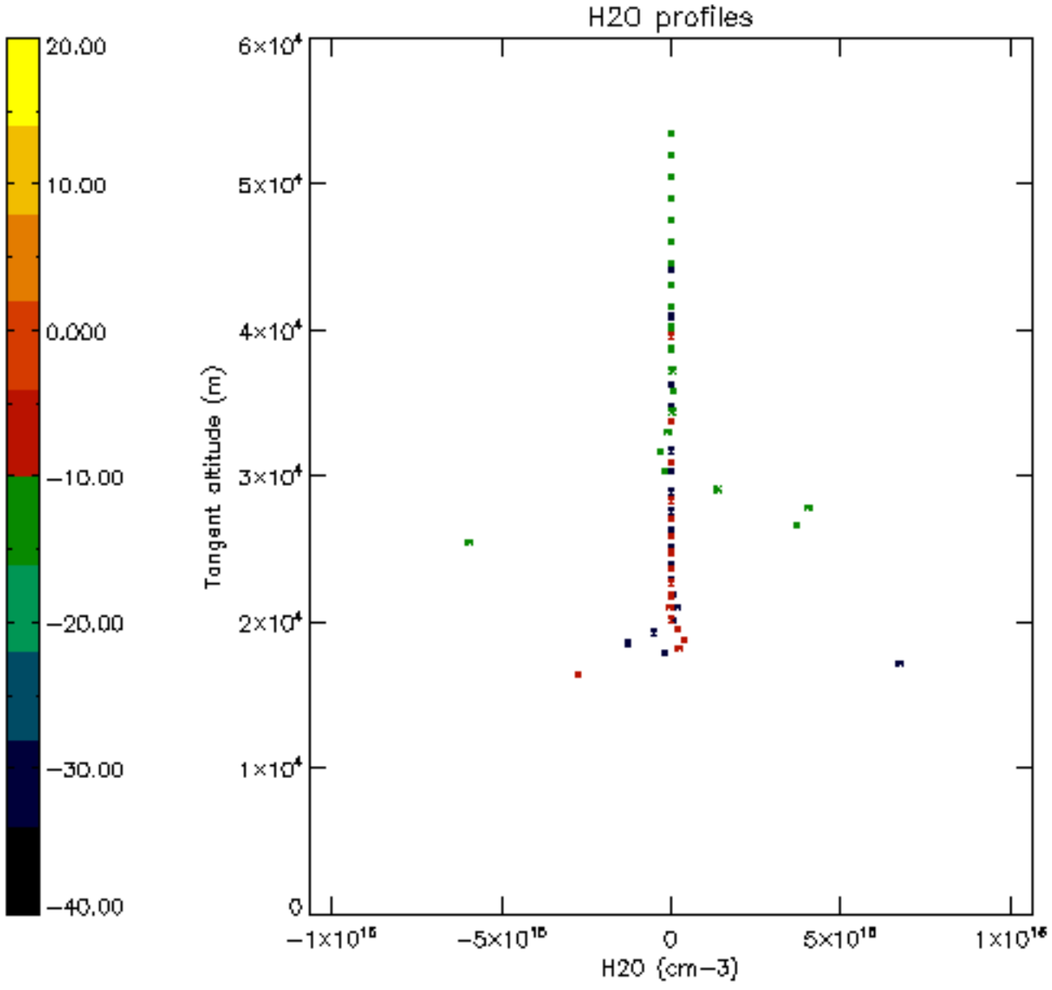


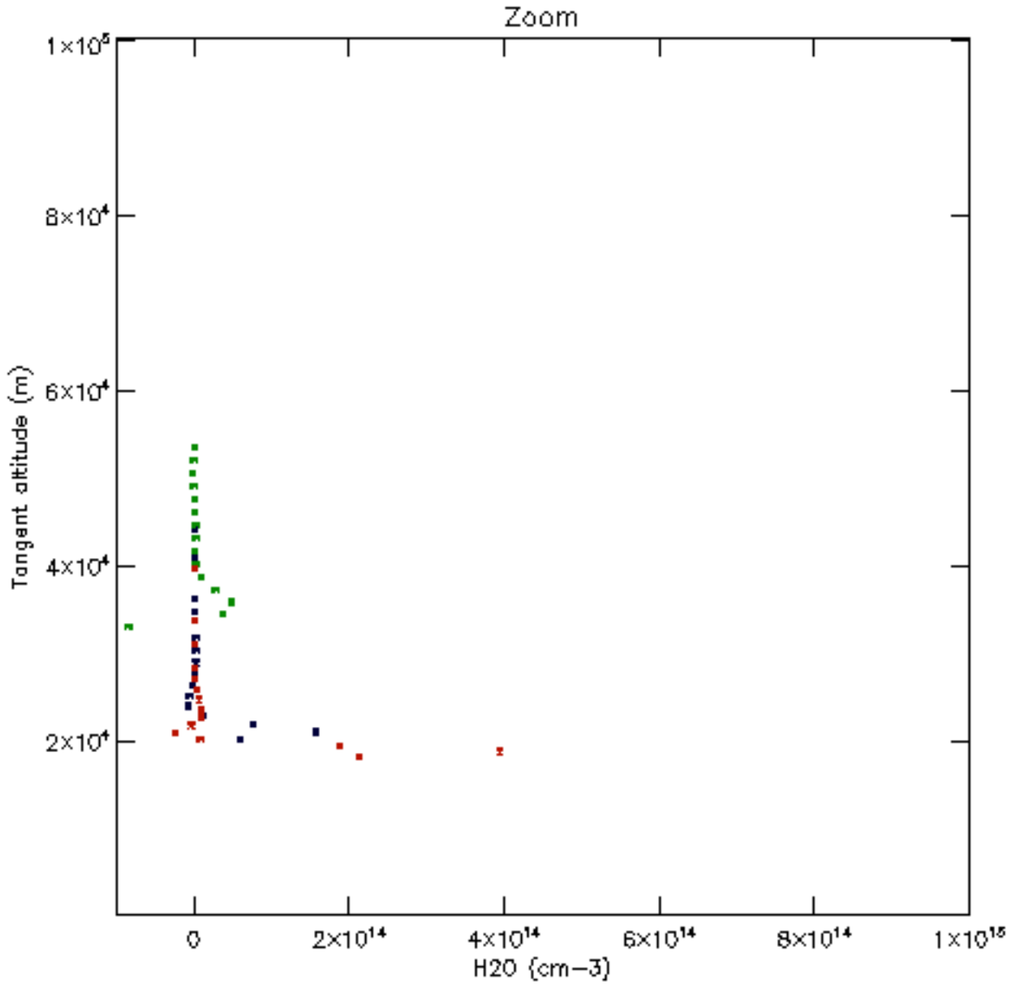

NO2 profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

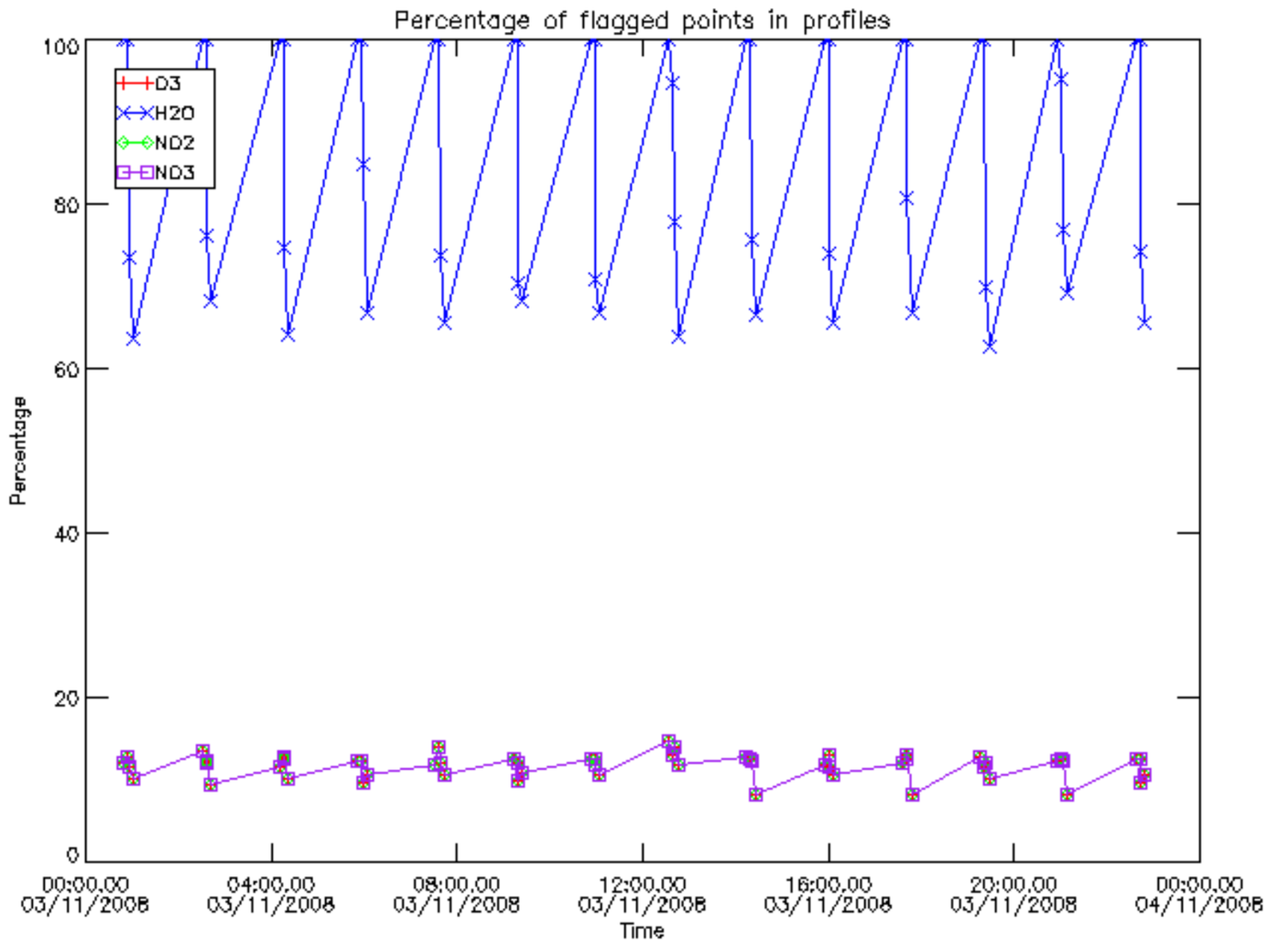

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)

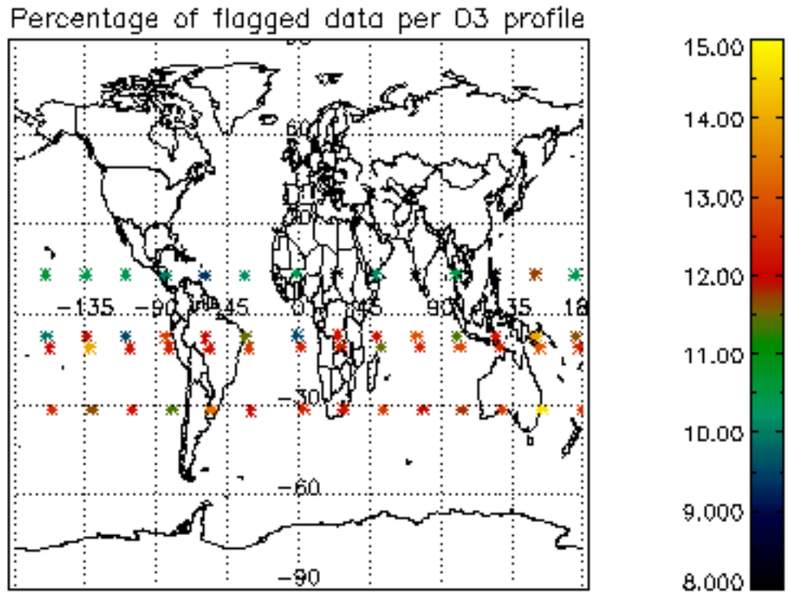

NO3 profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)

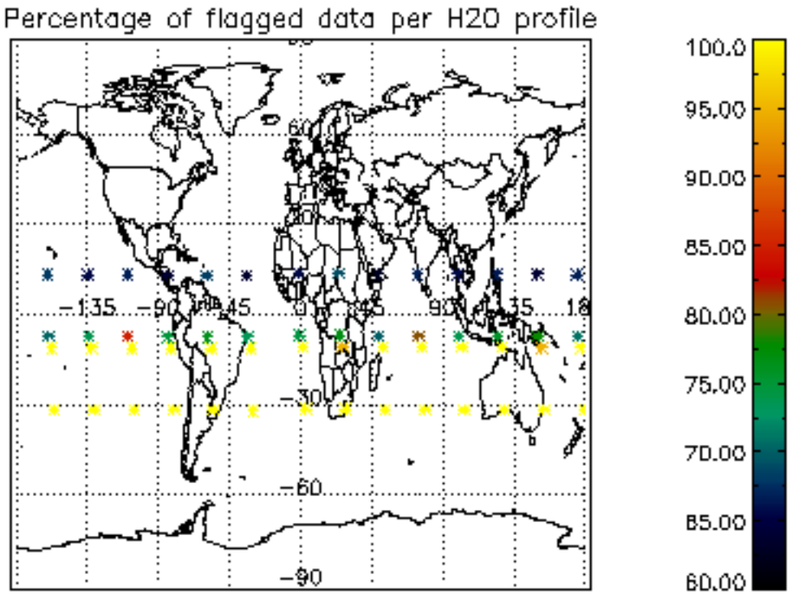

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)

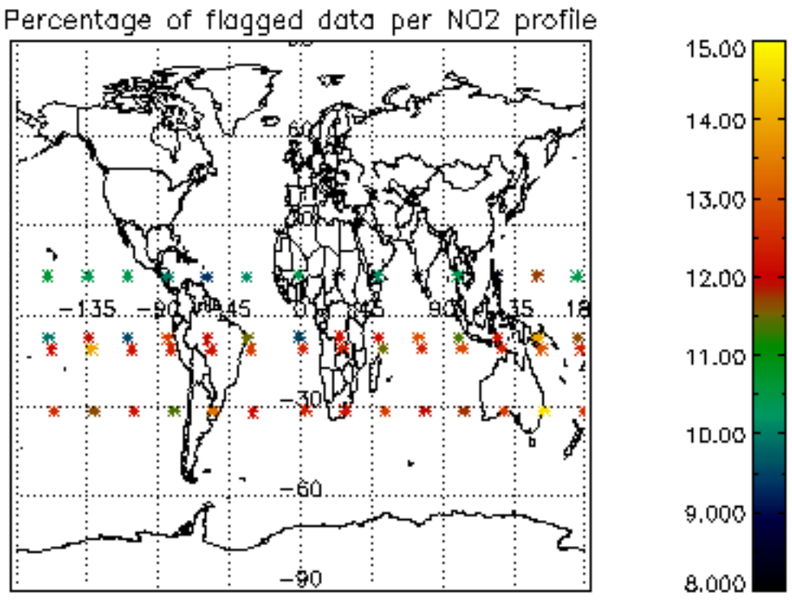

H2O profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1×10¹⁵
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)

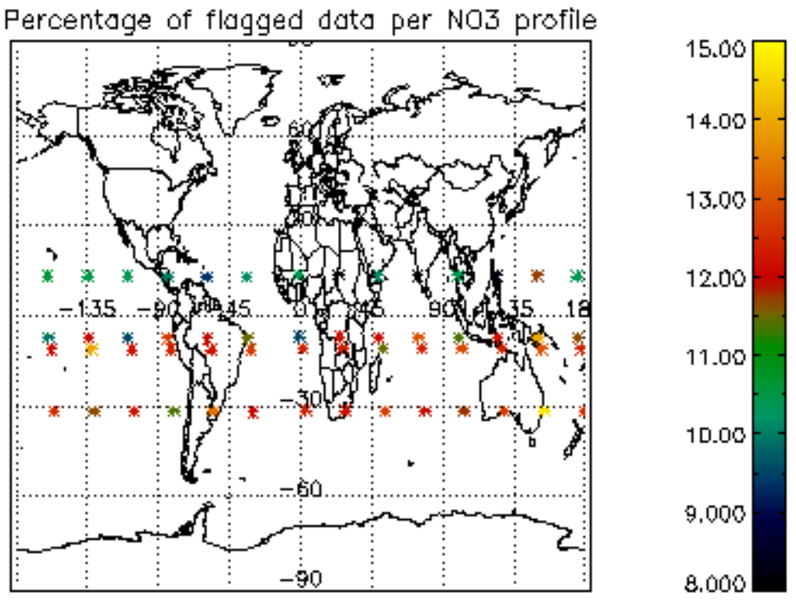

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)

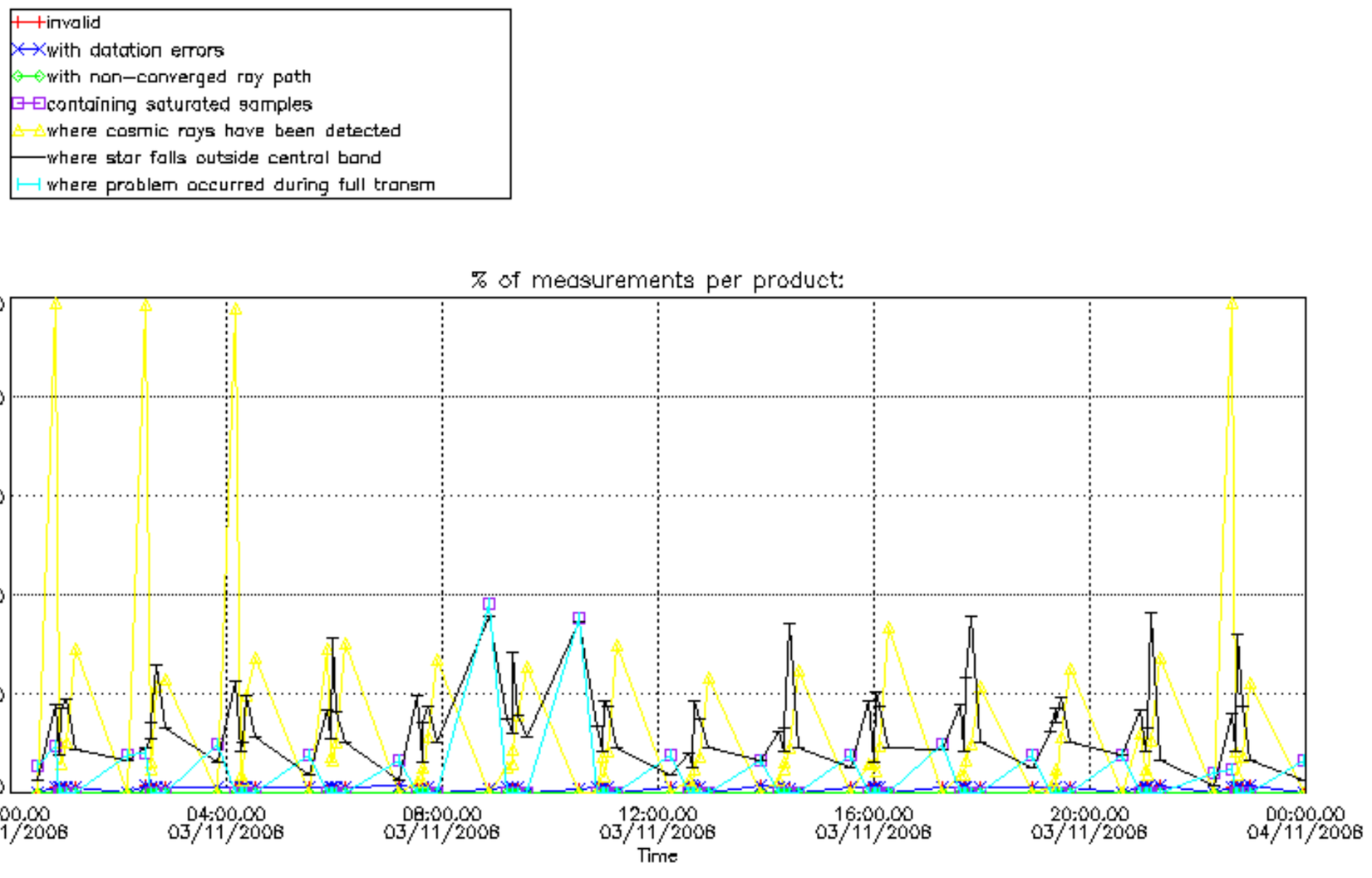

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
03/11/2008
04:00.00
03/11/2008
08:00.00
03/11/2008
12:00.00
03/11/2008
16:00.00
03/11/2008
20:00.00
03/11/2008
00:00.00
04/11/2008
Time

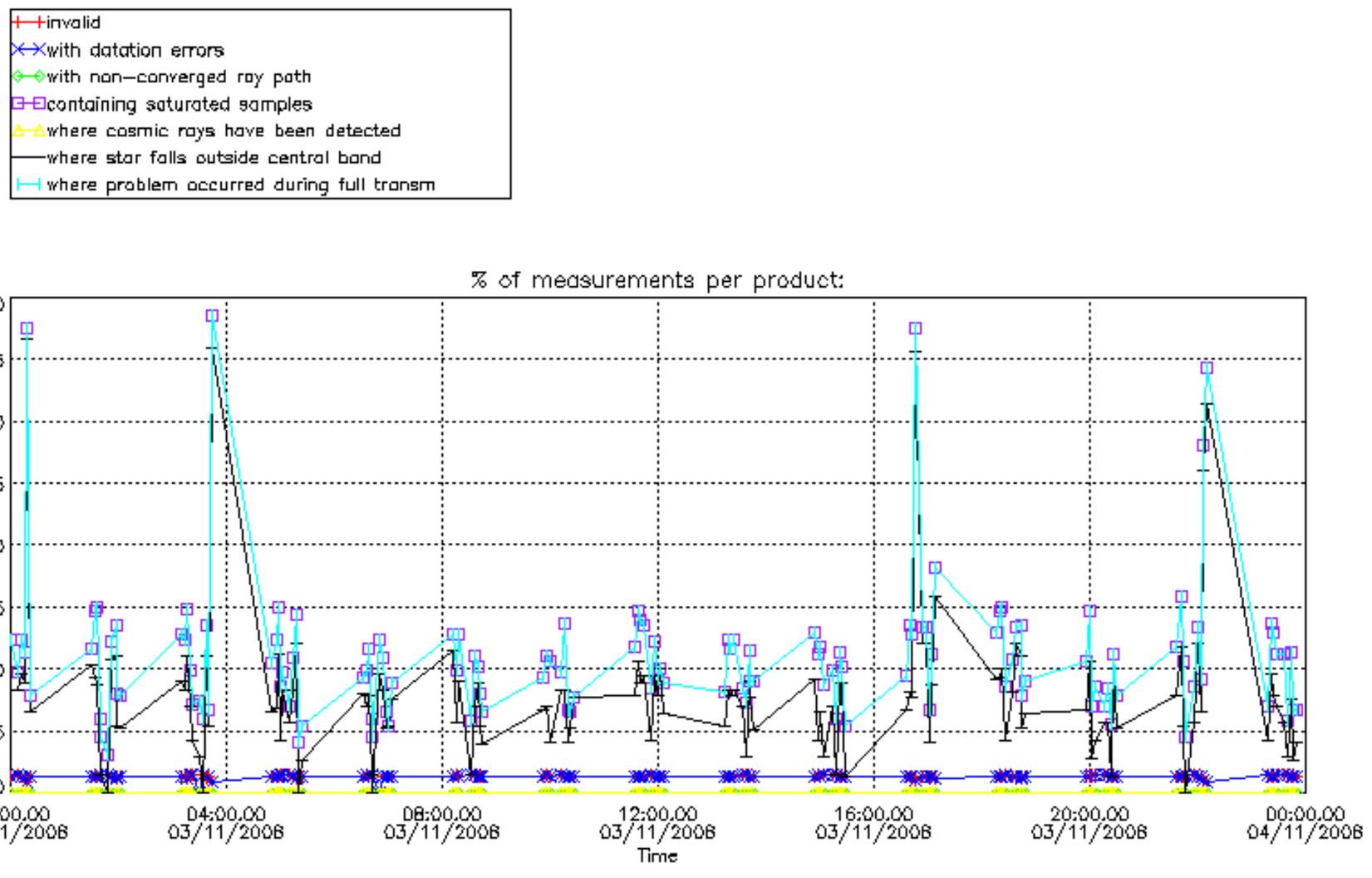

Percentage of flagged data per O3 profile
15.00
14.00
13.00
12.00
11.00
10.00
9.000
8.000
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

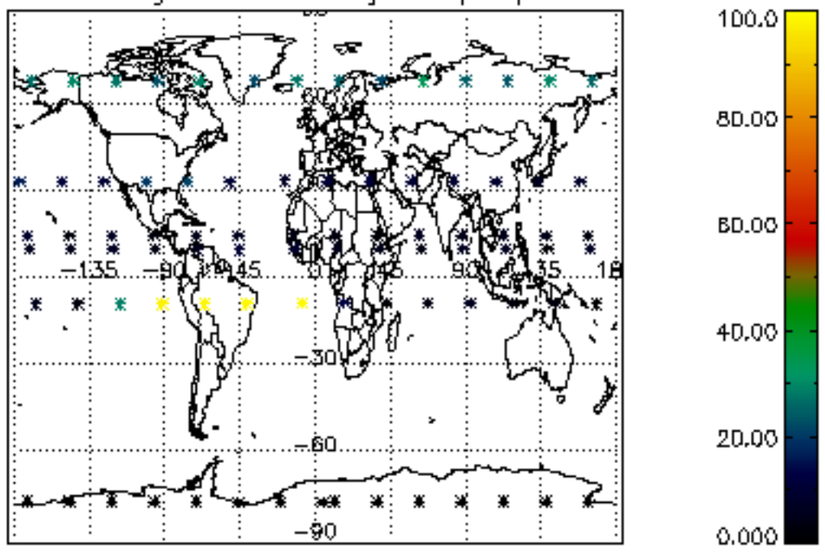

Percentage of flagged data per H2O profile
100.0
95.00
90.00
85.00
80.00
75.00
70.00
65.00
60.00
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

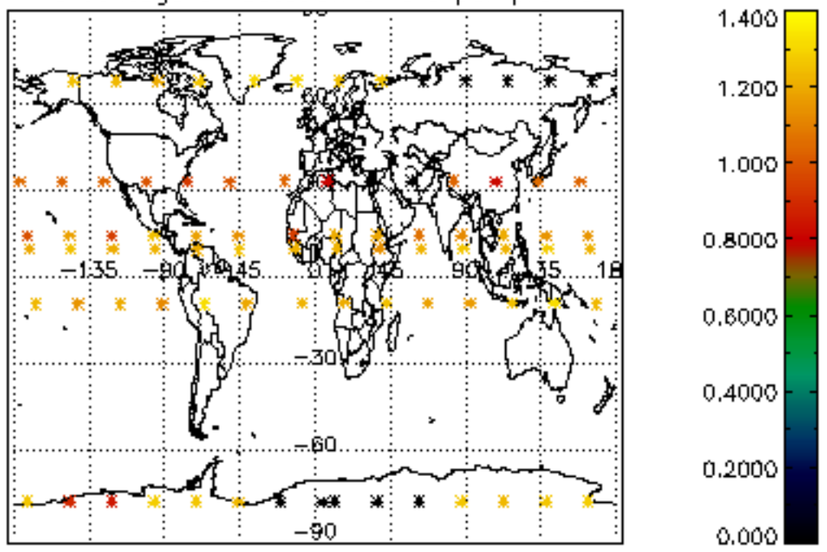

Percentage of flagged data per NO2 profile
15.00
14.00
13.00
12.00
11.00
10.00
9.000
8.000
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

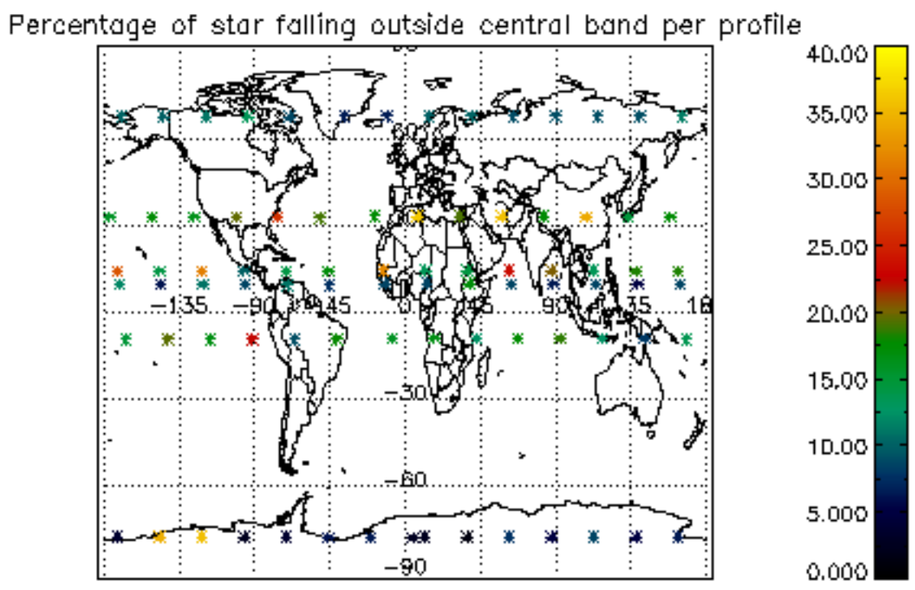

Percentage of flagged data per NO3 profile
15.00
14.00
13.00
12.00
11.00
10.00
9.000
8.000
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

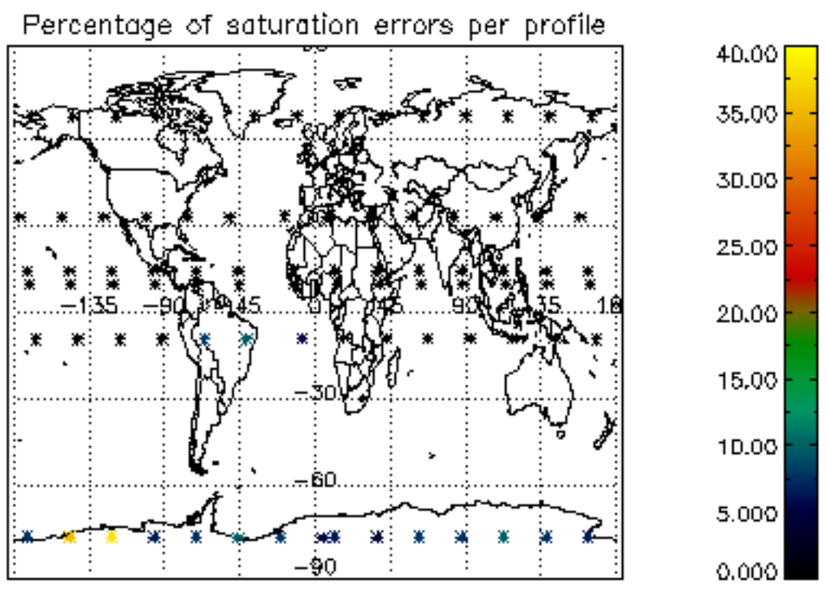

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
03/11/2006
04:00.00
03/11/2006
08:00.00
03/11/2006
12:00.00
03/11/2006
16:00.00
03/11/2006
20:00.00
03/11/2006
00:00.00
04/11/2006
Time


invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
35
40
00:00.00 03/11/2006
04:00.00 03/11/2006
08:00.00 03/11/2006
12:00.00 03/11/2006
16:00.00 03/11/2006
20:00.00 03/11/2006
00:00.00 04/11/2006
Time

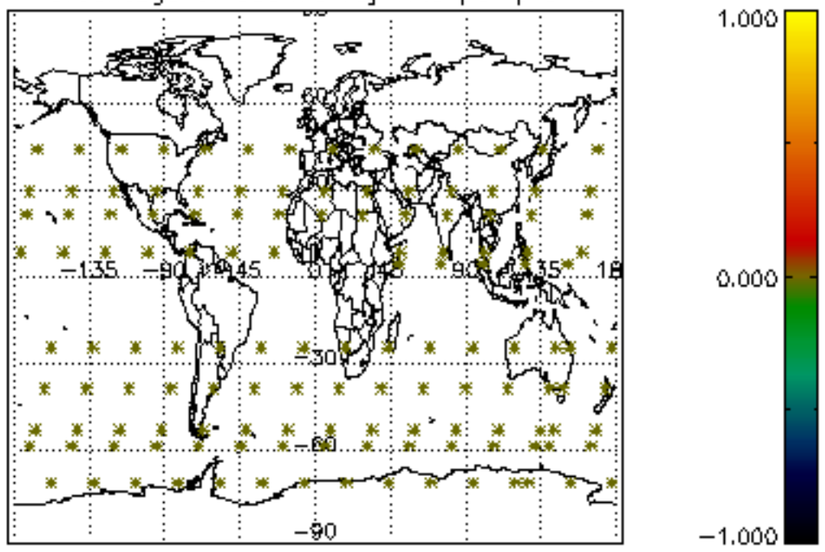

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−30
−60
−90


Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−30
−60
−90

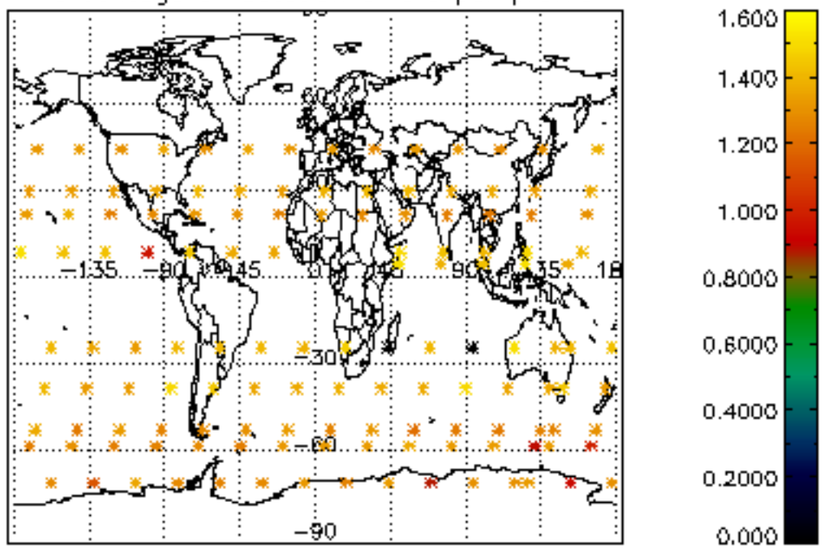

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90


Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

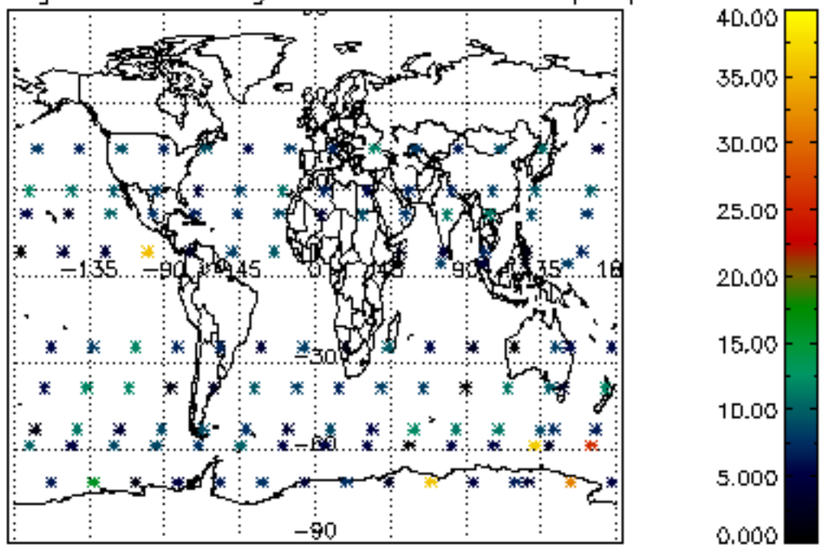
Percentage of cosmic ray hits per profile



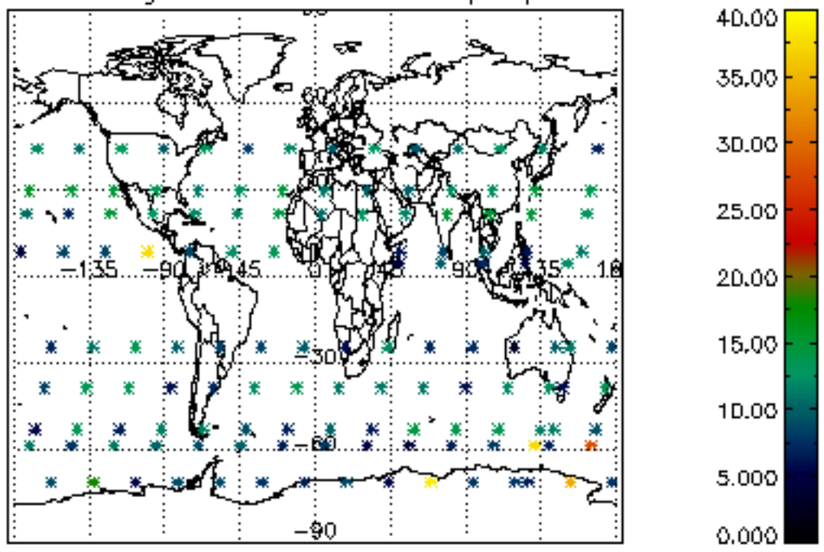
Percentage of datation errors per profile

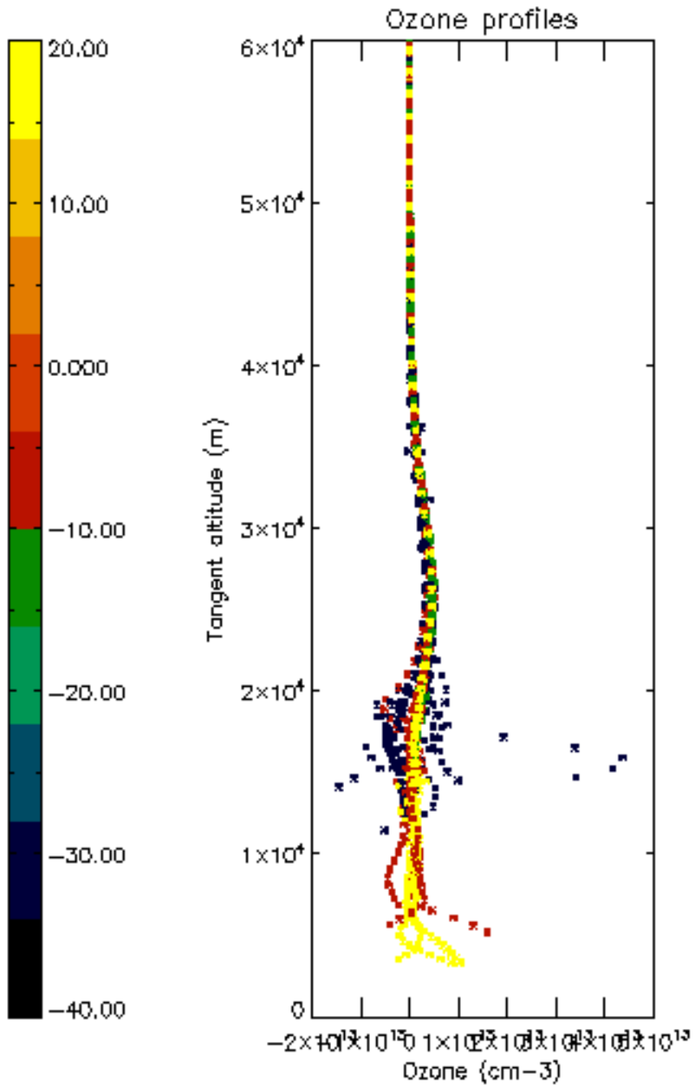


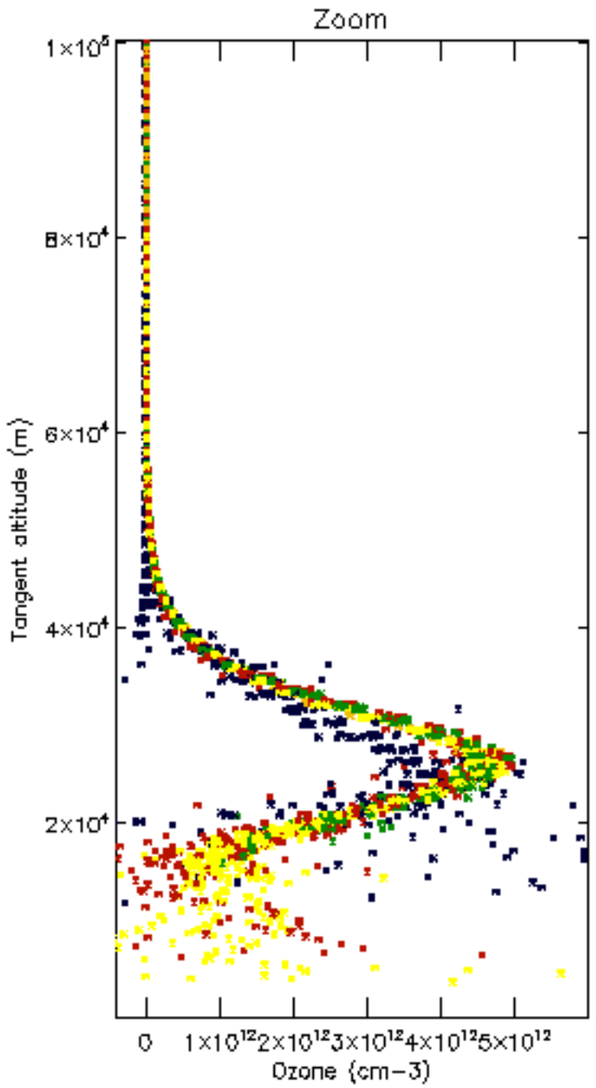
Percentage of star falling outside central band per profile

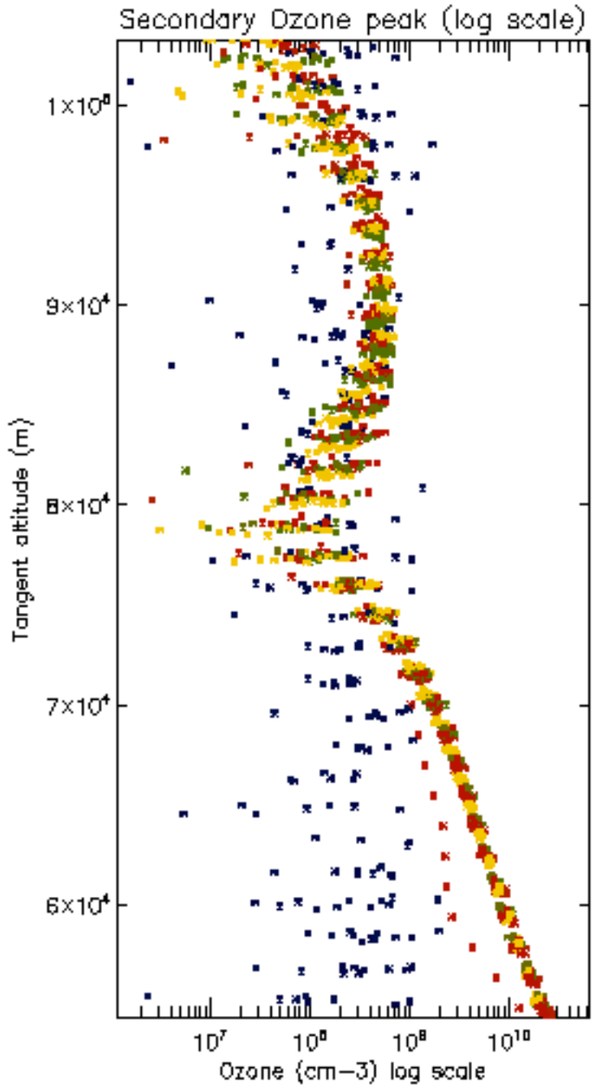


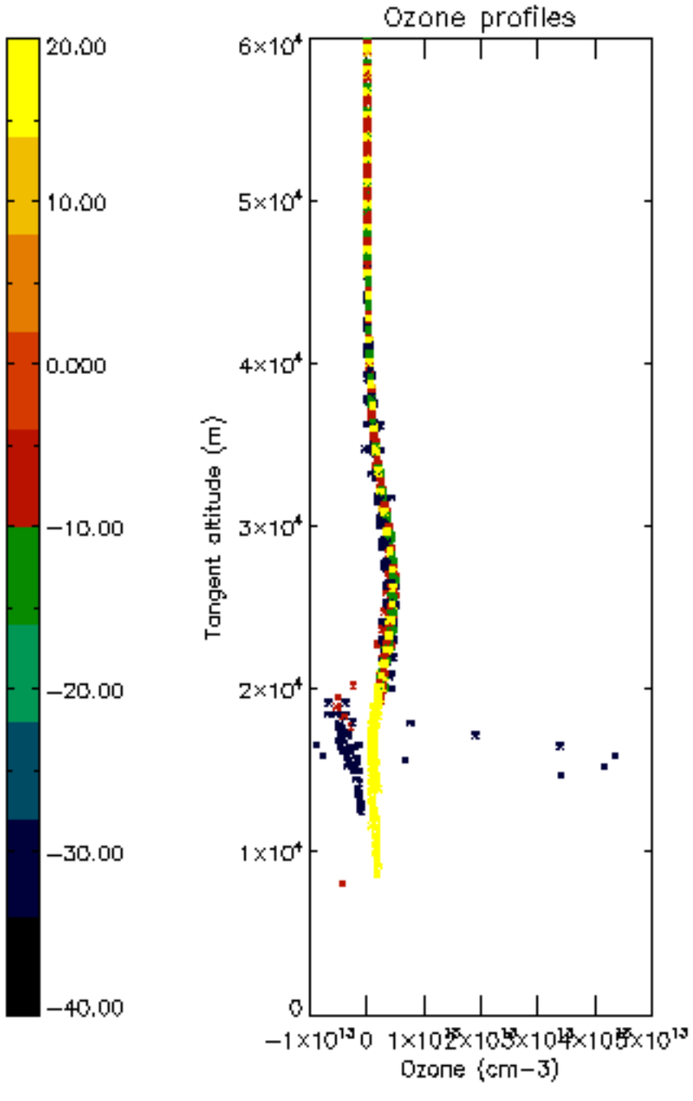
Percentage of saturation errors per profile

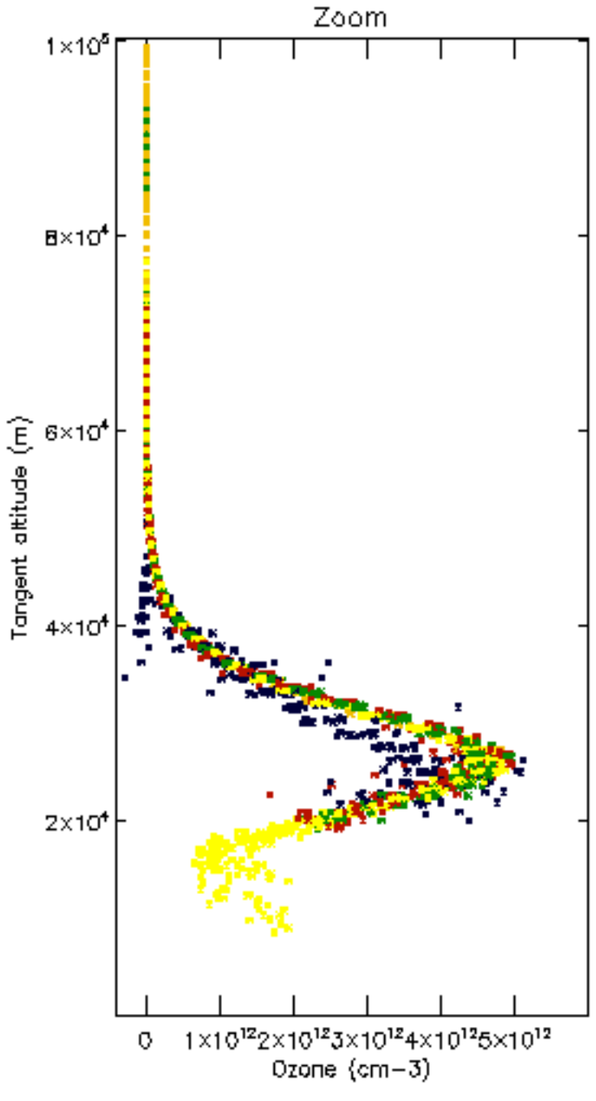


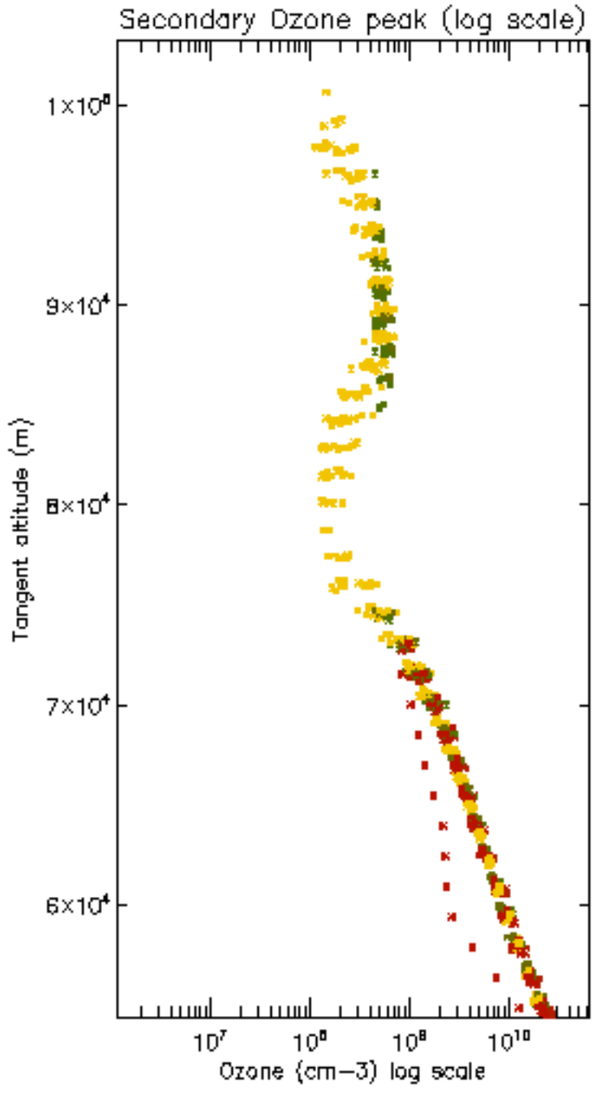

Ozone profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−2×10¹³ −1×10¹³ 0 1×10¹³ 2×10¹³ 3×10¹³ 4×10¹³ 5×10¹³
Ozone (cm−3)

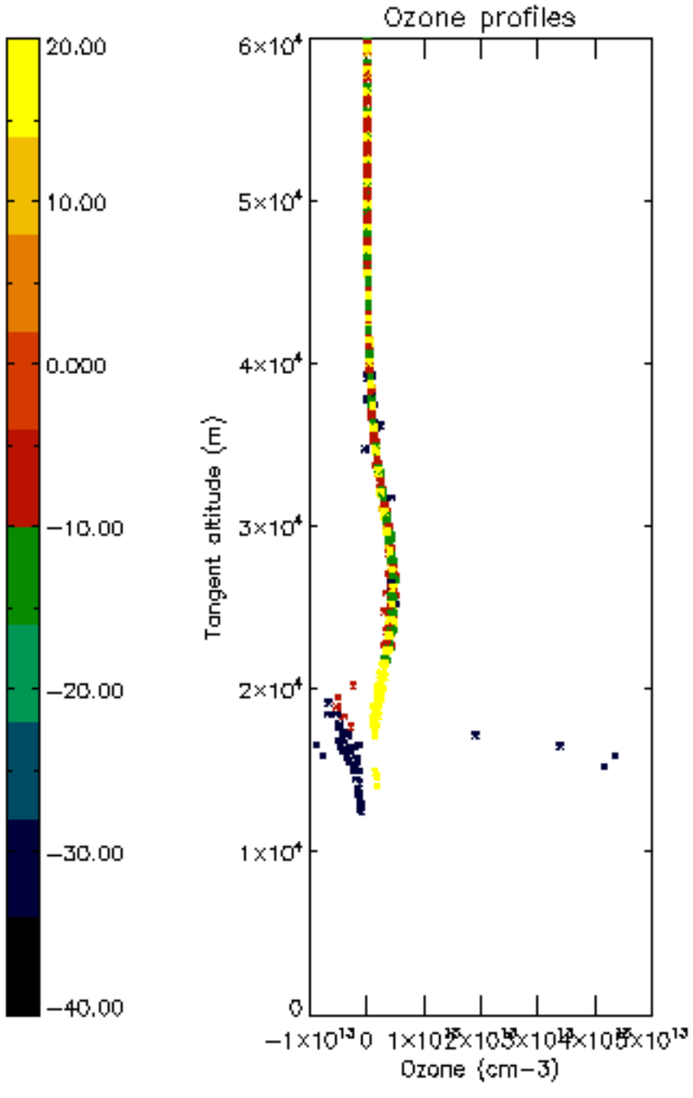

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

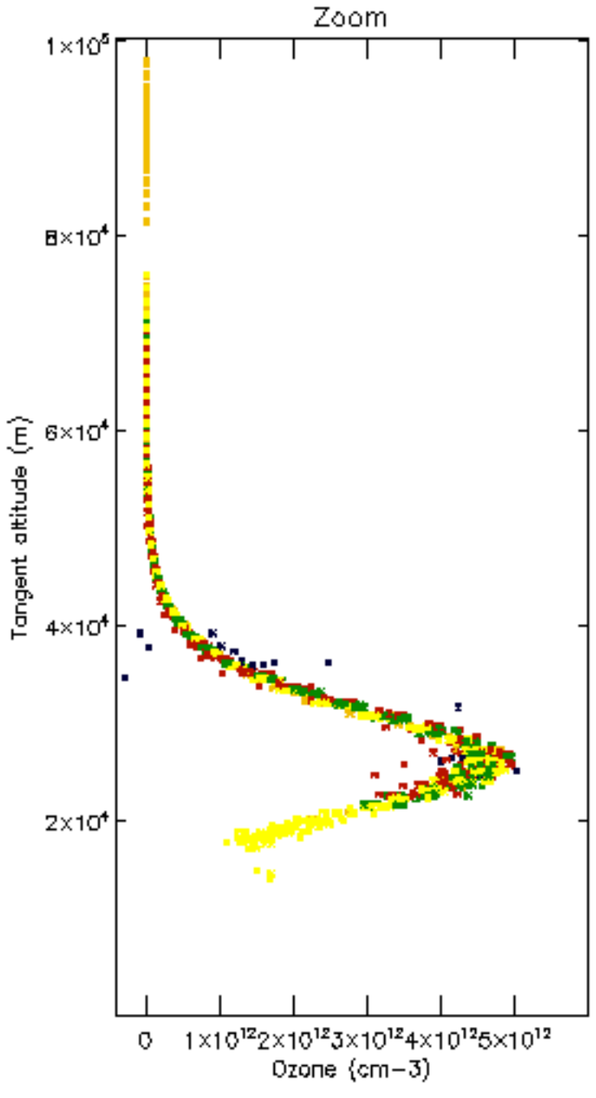

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale

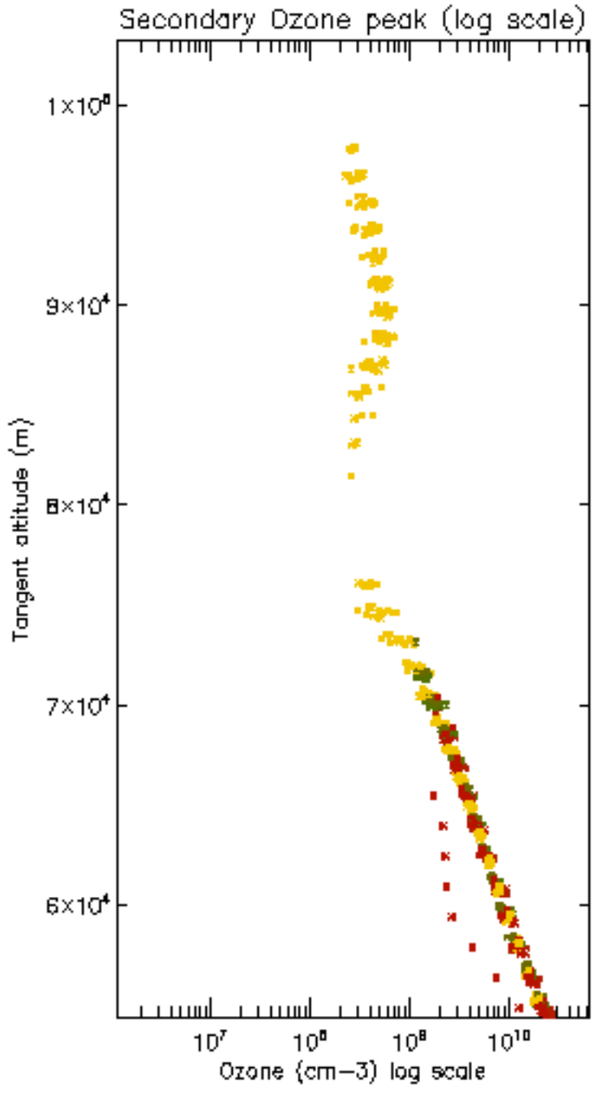

20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
Ozone profiles
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1×10¹³ 0 1×10¹³ 2×10¹³ 3×10¹³ 4×10¹³ 5×10¹³
Ozone (cm−3)

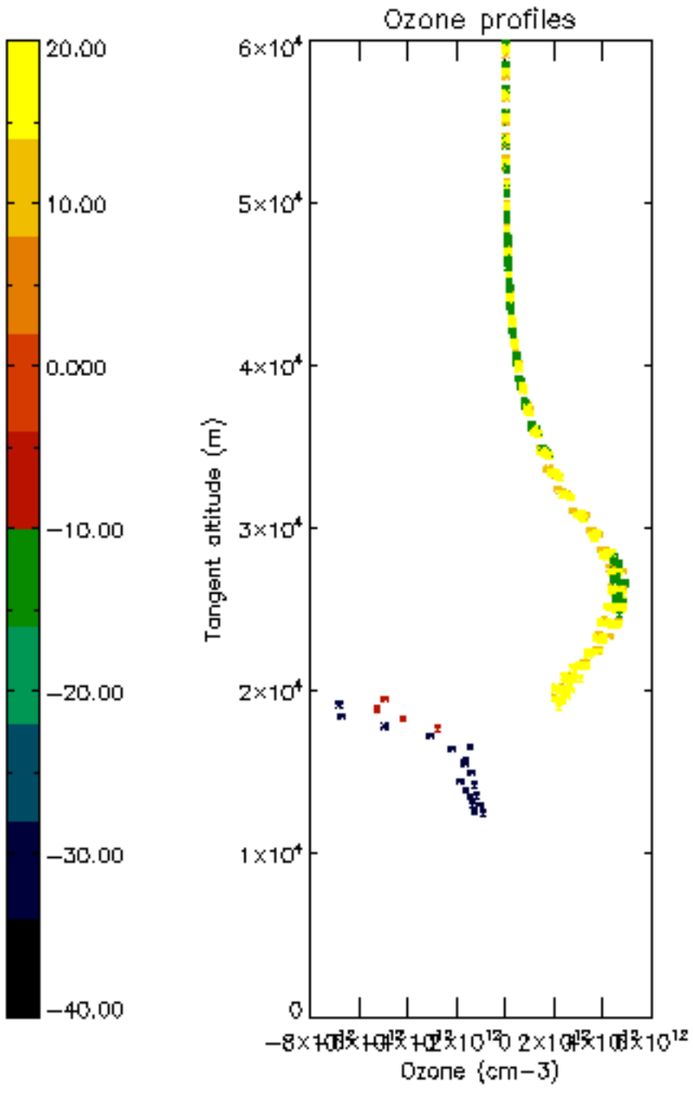

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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


Ozone profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹³ 0 1×10¹² 2×10¹³ 3×10¹⁴ 4×10¹⁵ 5×10¹³
Ozone (cm−3)

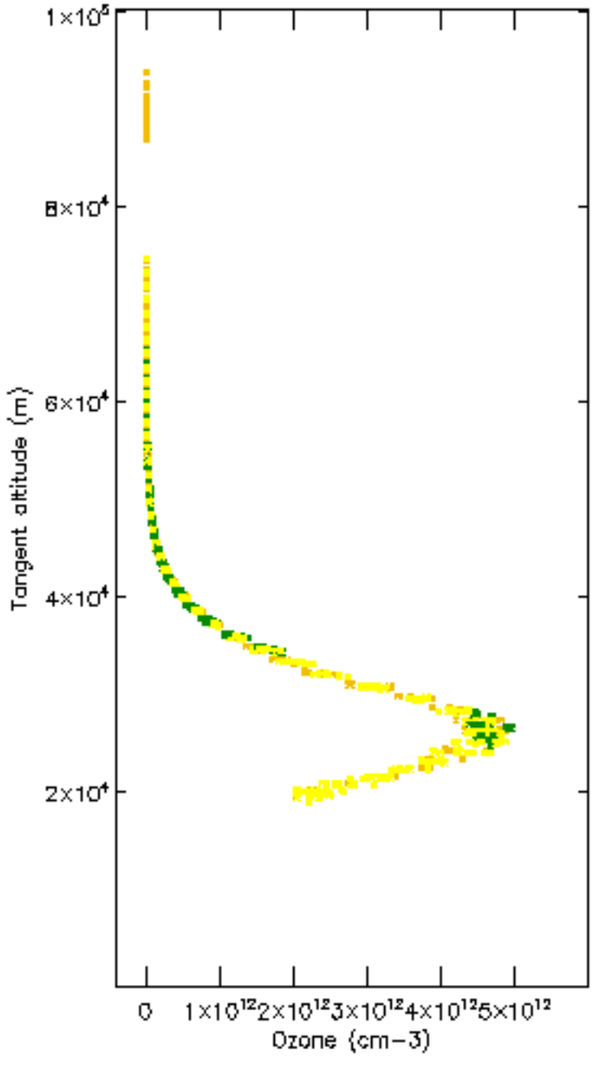

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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

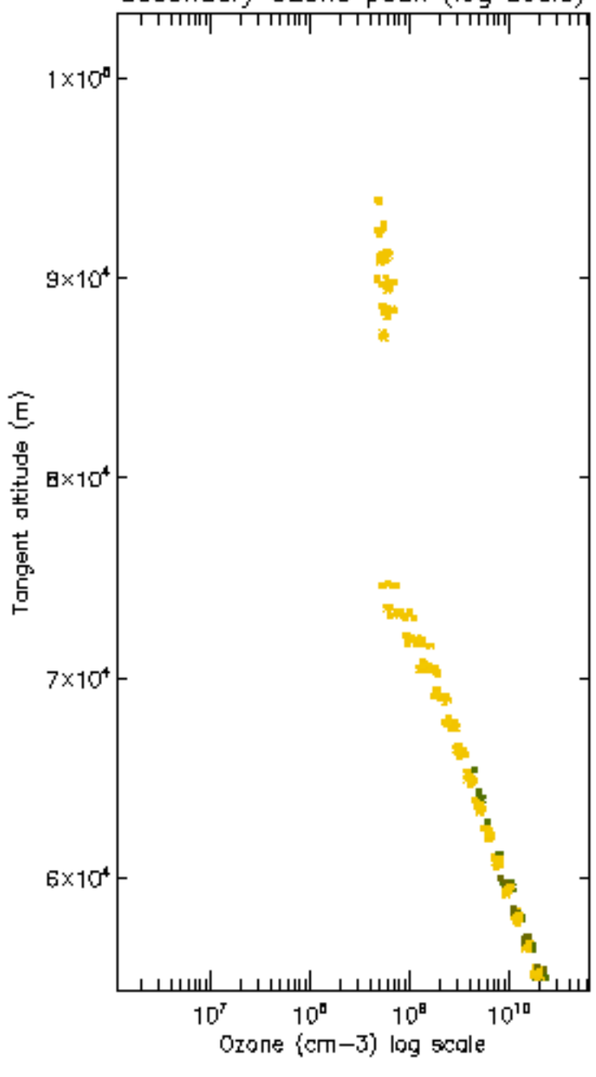


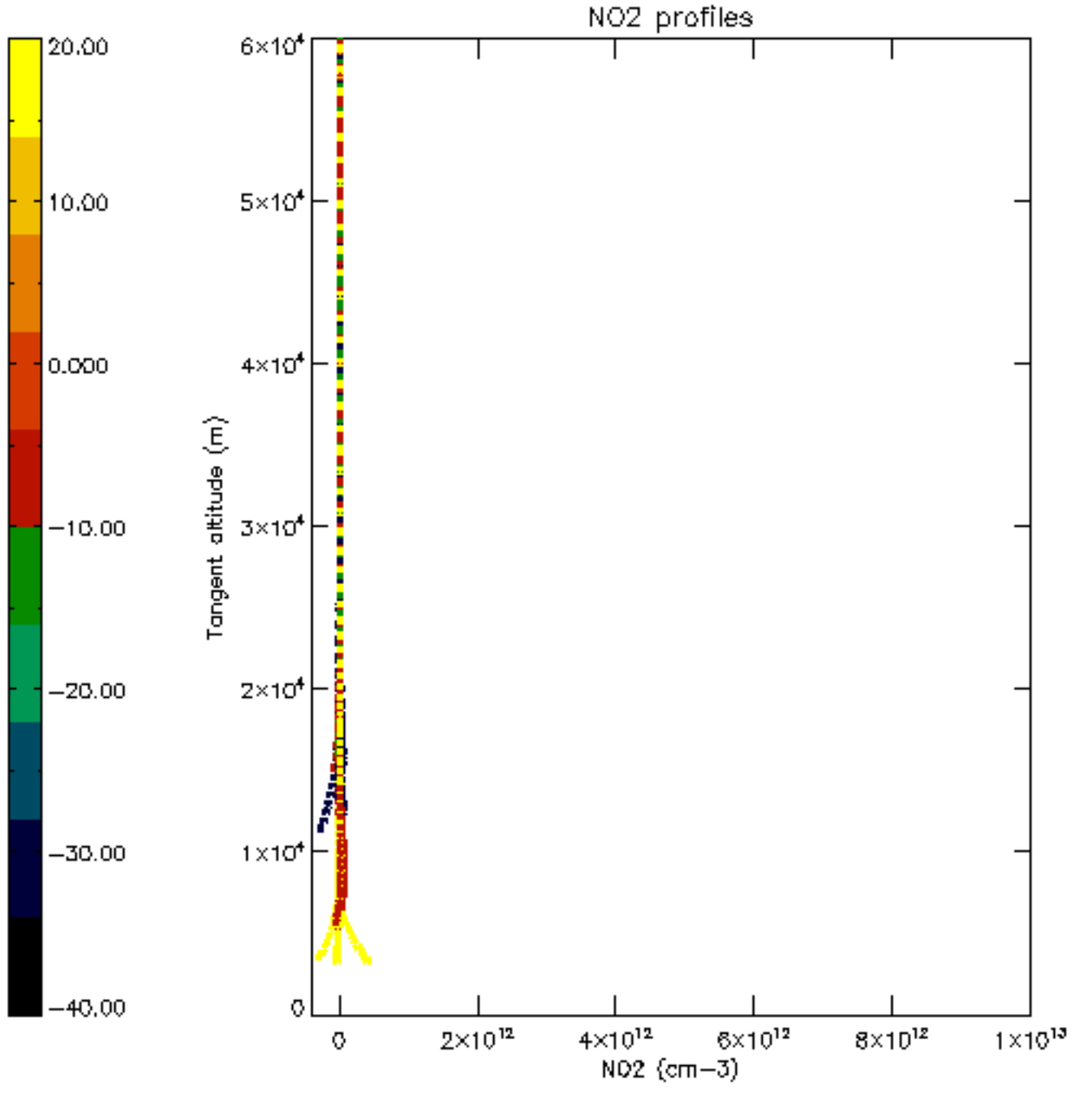
Ozone profiles

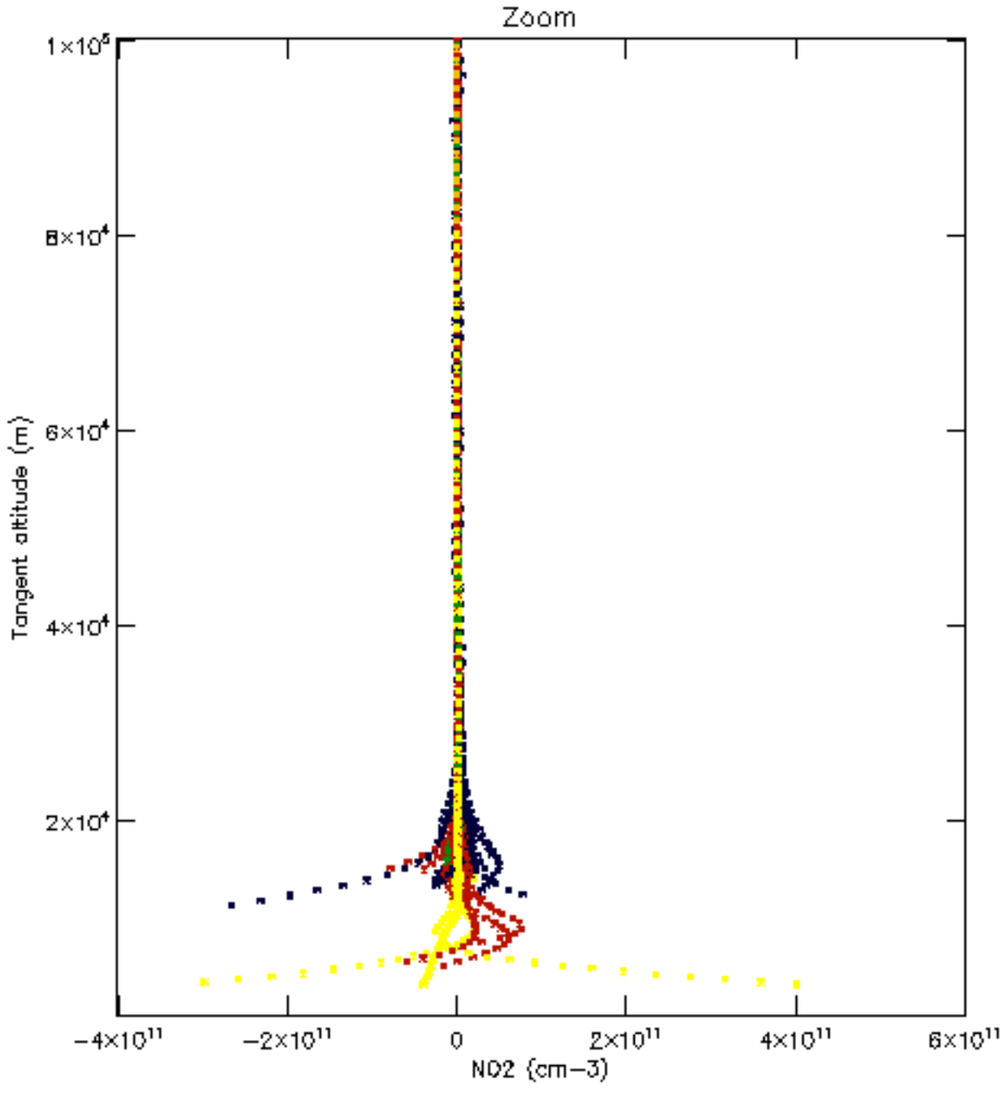
Zoom

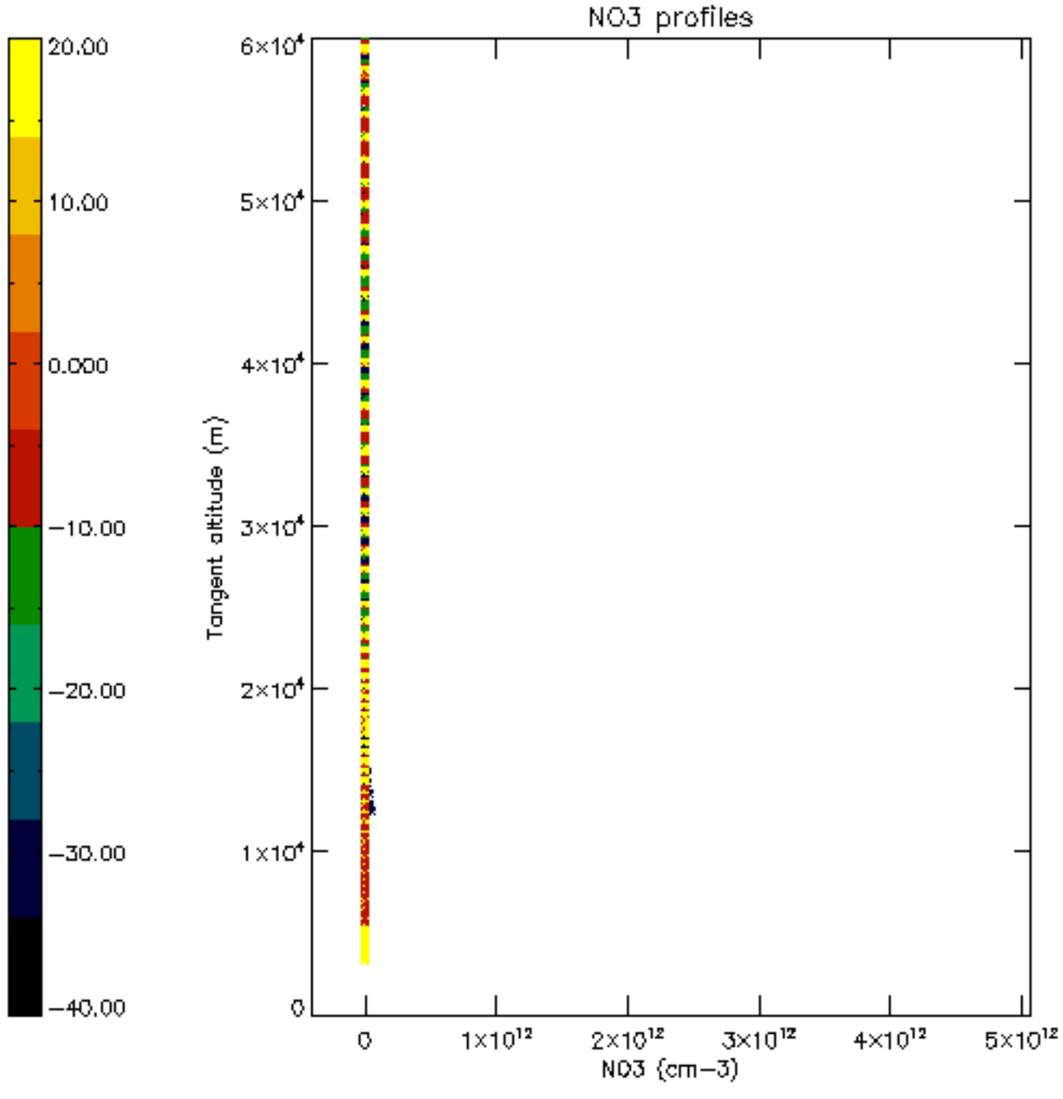


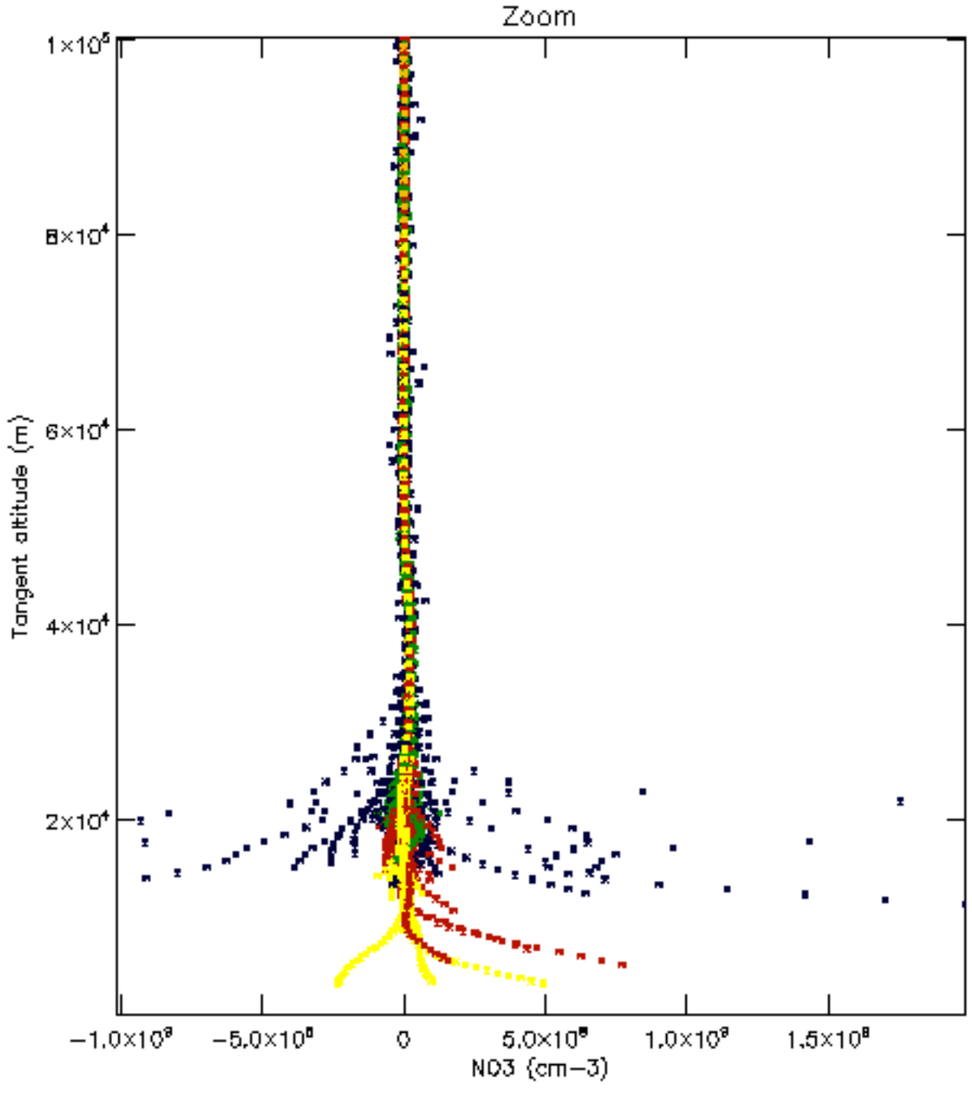
Secondary Ozone peak (log scale)

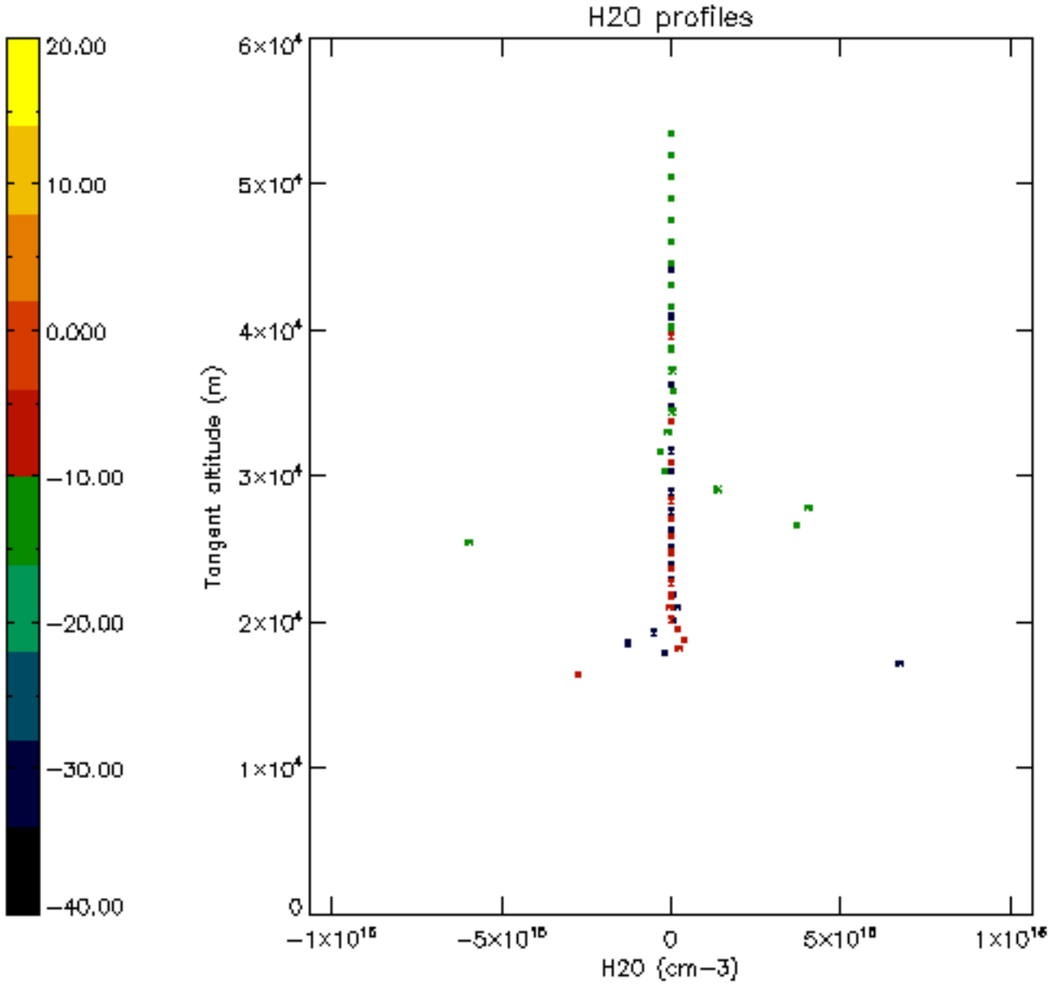


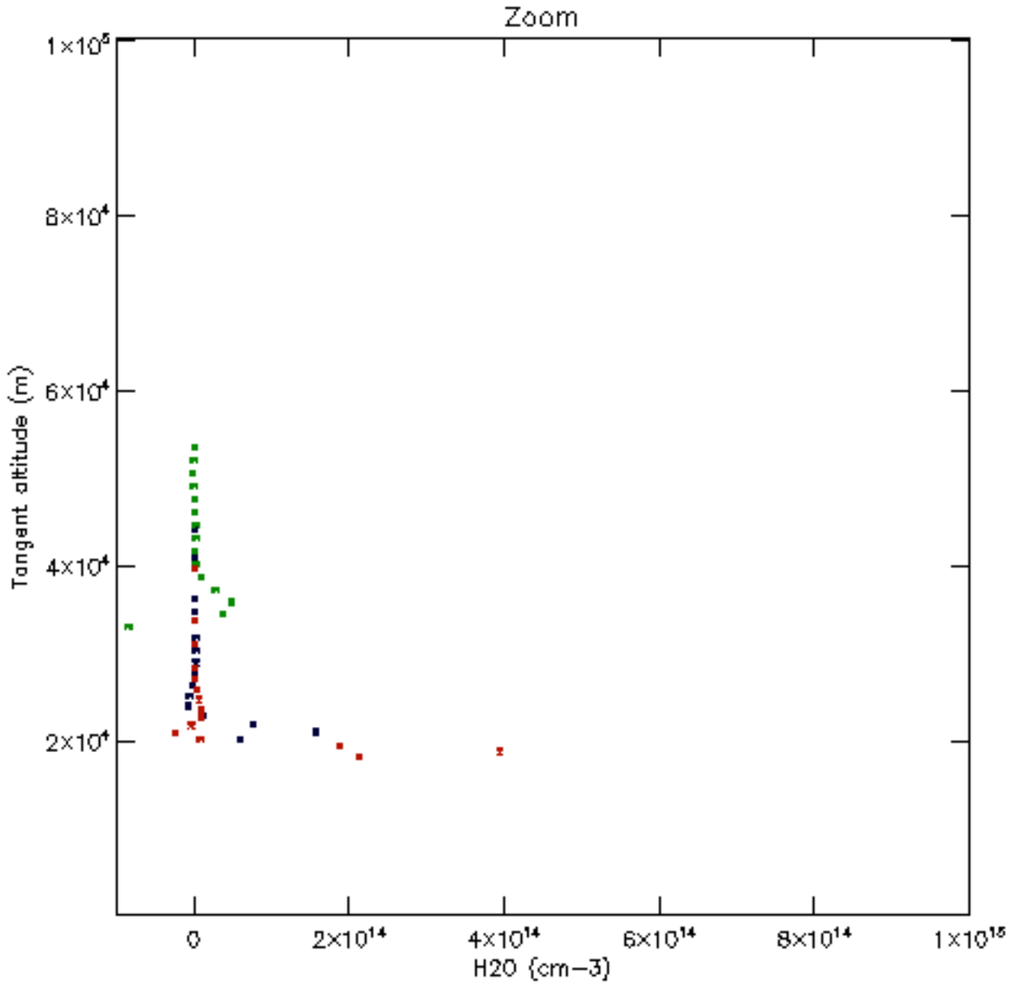

NO2 profiles
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


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
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00
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
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1×10¹⁵
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
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)