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	26APR2013 13:41:02
Data source version	GOMOS/6.01
Start time of products	05-11-2009 (05NOV2009 00:00:00)
Stop time of products	06-11-2009 (06NOV2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	233
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__2PRFIN20091105_001754_000000612084_00031_40165_8527.N1	05-NOV-2009 00:17:54	Dark	60.500	65	Lam Vel	2.2040	4400.0	121	40165	No
2	GOM_NL__2PRFIN20091105_002017_000000522084_00031_40165_8528.N1	05-NOV-2009 00:20:17	Dark	51.500	46	Del Vel	1.9540	10600.	103	40165	No
3	GOM_NL__2PRFIN20091105_002151_000000542084_00031_40165_8529.N1	05-NOV-2009 00:21:51	Dark	53.500	70	Zet Pup	2.2460	39000.	107	40165	No
4	GOM_NL__2PRFIN20091105_002650_000000492084_00031_40165_8530.N1	05-NOV-2009 00:26:50	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	40165	No
5	GOM_NL__2PRFIN20091105_003325_000000602084_00031_40165_8531.N1	05-NOV-2009 00:33:25	Dark	59.500	108	Alp Col	2.6520	15200.	119	40165	No
6	GOM_NL__2PRFIN20091105_004436_000000602084_00031_40165_8532.N1	05-NOV-2009 00:44:36	Straylight	59.500	165	34Gam Eri	2.9500	3200.0	119	40165	No
7	GOM_NL__2PRFIN20091105_005038_000000532084_00031_40165_8533.N1	05-NOV-2009 00:50:38	Twi_and_stray	52.500	94	92Alp Cet	2.5260	3100.0	105	40165	No
8	GOM_NL__2PRFIN20091105_005509_000000382084_00031_40165_8534.N1	05-NOV-2009 00:55:09	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	40165	No
9	GOM_NL__2PRFIN20091105_005926_000000382084_00031_40165_8535.N1	05-NOV-2009 00:59:26	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	40165	No
10	GOM_NL__2PRFIN20091105_010129_000000402084_00031_40165_8536.N1	05-NOV-2009 01:01:29	Bright	40.000	73	57Gam1And	2.2600	13100.	80	40165	No
11	GOM_NL__2PRFIN20091105_010424_000000502084_00031_40165_8537.N1	05-NOV-2009 01:04:24	Bright	50.000	149	45Eps Per	2.8880	30000.	100	40165	No
12	GOM_NL__2PRFIN20091105_012228_000000432084_00031_40165_8538.N1	05-NOV-2009 01:22:28	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	40165	No
13	GOM_NL__2PRFIN20091105_012406_000000412084_00031_40165_8539.N1	05-NOV-2009 01:24:06	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	40165	No
14	GOM_NL__2PRFIN20091105_012752_000000392084_00031_40165_8540.N1	05-NOV-2009 01:27:52	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	40165	No
15	GOM_NL__2PRFIN20091105_013531_000000412084_00031_40165_8541.N1	05-NOV-2009 01:35:31	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	40165	No
16	GOM_NL__2PRFIN20091105_013656_000000592084_00031_40165_8542.N1	05-NOV-2009 01:36:56	Bright	58.500	51	41Gam1Leo	2.0100	4500.0	117	40165	No
17	GOM_NL__2PRFIN20091105_014020_000000642084_00031_40165_8543.N1	05-NOV-2009 01:40:20	Twi_and_stray	63.500	22	32Alp Leo	1.3600	15200.	127	40165	No
18	GOM_NL__2PRFIN20091105_015831_000000532084_00032_40166_8558.N1	05-NOV-2009 01:58:31	Dark	52.500	65	Lam Vel	2.2040	4400.0	105	40166	No
19	GOM_NL__2PRFIN20091105_020054_000000442084_00032_40166_8559.N1	05-NOV-2009 02:00:54	Dark	44.000	46	Del Vel	1.9540	10600.	88	40166	No
20	GOM_NL__2PRFIN20091105_020228_000000512084_00032_40166_8560.N1	05-NOV-2009 02:02:28	Dark	51.000	70	Zet Pup	2.2460	39000.	102	40166	No
21	GOM_NL__2PRFIN20091105_020727_000000502084_00032_40166_8561.N1	05-NOV-2009 02:07:27	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	40166	No
22	GOM_NL__2PRFIN20091105_021402_000000582084_00032_40166_8562.N1	05-NOV-2009 02:14:02	Dark	57.500	108	Alp Col	2.6520	15200.	115	40166	No
23	GOM_NL__2PRFIN20091105_022512_000000582084_00032_40166_8563.N1	05-NOV-2009 02:25:12	Straylight	57.500	165	34Gam Eri	2.9500	3200.0	115	40166	No
24	GOM_NL__2PRFIN20091105_023114_000000532084_00032_40166_8564.N1	05-NOV-2009 02:31:14	Twi_and_stray	52.500	94	92Alp Cet	2.5260	3100.0	105	40166	No
25	GOM_NL__2PRFIN20091105_023544_000000392084_00032_40166_8565.N1	05-NOV-2009 02:35:44	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	40166	No
26	GOM_NL__2PRFIN20091105_024002_000000392084_00032_40166_8566.N1	05-NOV-2009 02:40:02	Bright	38.500	173	4Bet Tri	3.0040	8900.0	77	40166	No
27	GOM_NL__2PRFIN20091105_024205_000000402084_00032_40166_8567.N1	05-NOV-2009 02:42:05	Bright	40.000	73	57Gam1And	2.2600	13100.	80	40166	No
28	GOM_NL__2PRFIN20091105_024459_000000492084_00032_40166_8568.N1	05-NOV-2009 02:44:59	Bright	49.000	149	45Eps Per	2.8880	30000.	98	40166	No
29	GOM_NL__2PRFIN20091105_030304_000000422084_00032_40166_8569.N1	05-NOV-2009 03:03:04	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	40166	No
30	GOM_NL__2PRFIN20091105_030441_000000412084_00032_40166_8570.N1	05-NOV-2009 03:04:41	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	40166	No
31	GOM_NL__2PRFIN20091105_030828_000000402084_00032_40166_8571.N1	05-NOV-2009 03:08:28	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	40166	No
32	GOM_NL__2PRFIN20091105_031607_000000412084_00032_40166_8572.N1	05-NOV-2009 03:16:07	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	40166	No
33	GOM_NL__2PRFIN20091105_031732_000000572084_00032_40166_8573.N1	05-NOV-2009 03:17:32	Bright	56.500	51	41Gam1Leo	2.0100	4500.0	113	40166	No
34	GOM_NL__2PRFIN20091105_032057_000000632084_00032_40166_8574.N1	05-NOV-2009 03:20:57	Twi_and_stray	63.000	22	32Alp Leo	1.3600	15200.	126	40166	No
35	GOM_NL__2PRFIN20091105_033908_000000512084_00033_40167_8559.N1	05-NOV-2009 03:39:08	Dark	50.500	65	Lam Vel	2.2040	4400.0	101	40167	No
36	GOM_NL__2PRFIN20091105_034131_000000422084_00033_40167_8560.N1	05-NOV-2009 03:41:31	Dark	42.000	46	Del Vel	1.9540	10600.	84	40167	No
37	GOM_NL__2PRFIN20091105_034305_000000522084_00033_40167_8561.N1	05-NOV-2009 03:43:05	Dark	51.500	70	Zet Pup	2.2460	39000.	103	40167	No
38	GOM_NL__2PRFIN20091105_034804_000000492084_00033_40167_8562.N1	05-NOV-2009 03:48:04	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	40167	No
39	GOM_NL__2PRFIN20091105_035439_000000582084_00033_40167_8563.N1	05-NOV-2009 03:54:39	Dark	57.500	108	Alp Col	2.6520	15200.	115	40167	No
40	GOM_NL__2PRFIN20091105_040548_000000612084_00033_40167_8564.N1	05-NOV-2009 04:05:48	Straylight	61.000	165	34Gam Eri	2.9500	3200.0	122	40167	No
41	GOM_NL__2PRFIN20091105_041150_000000532084_00033_40167_8565.N1	05-NOV-2009 04:11:50	Twi_and_stray	52.500	94	92Alp Cet	2.5260	3100.0	105	40167	No
42	GOM_NL__2PRFIN20091105_041620_000000392084_00033_40167_8566.N1	05-NOV-2009 04:16:20	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	40167	No

43	GOM_NL__2PRFIN20091105_042038_000000382084_00033_40167_8567.N1	05-NOV-2009 04:20:38	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	40167	No
44	GOM_NL__2PRFIN20091105_042241_000000372084_00033_40167_8568.N1	05-NOV-2009 04:22:41	Bright	36.500	73	57Gam1And	2.2600	13100.	73	40167	No
45	GOM_NL__2PRFIN20091105_042534_000000502084_00033_40167_8569.N1	05-NOV-2009 04:25:34	Bright	49.500	149	45Eps Per	2.8880	30000.	99	40167	No
46	GOM_NL__2PRFIN20091105_044340_000000372084_00033_40167_8570.N1	05-NOV-2009 04:43:40	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	40167	No
47	GOM_NL__2PRFIN20091105_044517_000000382084_00033_40167_8571.N1	05-NOV-2009 04:45:17	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	40167	No
48	GOM_NL__2PRFIN20091105_044904_000000402084_00033_40167_8572.N1	05-NOV-2009 04:49:04	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	40167	No
49	GOM_NL__2PRFIN20091105_045644_000000402084_00033_40167_8573.N1	05-NOV-2009 04:56:44	Bright	40.000	96	68Del Leo	2.5600	9300.0	80	40167	No
50	GOM_NL__2PRFIN20091105_045808_000000622084_00033_40167_8574.N1	05-NOV-2009 04:58:08	Bright	62.000	51	41Gam1Leo	2.0100	4500.0	124	40167	No
51	GOM_NL__2PRFIN20091105_050134_000000642084_00033_40167_8575.N1	05-NOV-2009 05:01:34	Twi_and_stray	63.500	22	32Alp Leo	1.3600	15200.	127	40167	No
52	GOM_NL__2PRFIN20091105_051944_000000612084_00034_40168_8567.N1	05-NOV-2009 05:19:44	Dark	60.500	65	Lam Vel	2.2040	4400.0	121	40168	No
53	GOM_NL__2PRFIN20091105_052207_000000412084_00034_40168_8568.N1	05-NOV-2009 05:22:07	Dark	41.000	46	Del Vel	1.9540	10600.	82	40168	No
54	GOM_NL__2PRFIN20091105_052343_000000522084_00034_40168_8569.N1	05-NOV-2009 05:23:43	Dark	51.500	70	Zet Pup	2.2460	39000.	103	40168	No
55	GOM_NL__2PRFIN20091105_052841_000000572084_00034_40168_8570.N1	05-NOV-2009 05:28:41	Dark	56.500	2	Alp Car	-0.73600	7000.0	113	40168	No
56	GOM_NL__2PRFIN20091105_053516_000000602084_00034_40168_8571.N1	05-NOV-2009 05:35:16	Dark	60.000	108	Alp Col	2.6520	15200.	120	40168	No
57	GOM_NL__2PRFIN20091105_054624_000000602084_00034_40168_8572.N1	05-NOV-2009 05:46:24	Straylight	60.000	165	34Gam Eri	2.9500	3200.0	120	40168	No
58	GOM_NL__2PRFIN20091105_055225_000000522084_00034_40168_8573.N1	05-NOV-2009 05:52:25	Twi_and_stray	52.000	94	92Alp Cet	2.5260	3100.0	104	40168	No
59	GOM_NL__2PRFIN20091105_055656_000000392084_00034_40168_8574.N1	05-NOV-2009 05:56:56	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	40168	No
60	GOM_NL__2PRFIN20091105_060114_000000372084_00034_40168_8575.N1	05-NOV-2009 06:01:14	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	40168	No
61	GOM_NL__2PRFIN20091105_060316_000000372084_00034_40168_8576.N1	05-NOV-2009 06:03:16	Bright	37.000	73	57Gam1And	2.2600	13100.	74	40168	No
62	GOM_NL__2PRFIN20091105_060610_000000492084_00034_40168_8577.N1	05-NOV-2009 06:06:10	Bright	48.500	149	45Eps Per	2.8880	30000.	97	40168	No
63	GOM_NL__2PRFIN20091105_062416_000000422084_00034_40168_8578.N1	05-NOV-2009 06:24:16	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	40168	No
64	GOM_NL__2PRFIN20091105_062553_000000392084_00034_40168_8579.N1	05-NOV-2009 06:25:53	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	40168	No
65	GOM_NL__2PRFIN20091105_062940_000000382084_00034_40168_8580.N1	05-NOV-2009 06:29:40	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	40168	No
66	GOM_NL__2PRFIN20091105_063720_000000602084_00034_40168_8581.N1	05-NOV-2009 06:37:20	Bright	60.000	96	68Del Leo	2.5600	9300.0	120	40168	No
67	GOM_NL__2PRFIN20091105_064210_000000662084_00034_40168_8582.N1	05-NOV-2009 06:42:10	Twi_and_stray	65.500	22	32Alp Leo	1.3600	15200.	131	40168	No
68	GOM_NL__2PRFIN20091105_070021_000000602084_00035_40169_8578.N1	05-NOV-2009 07:00:21	Dark	60.000	65	Lam Vel	2.2040	4400.0	120	40169	No
69	GOM_NL__2PRFIN20091105_070244_000000402084_00035_40169_8579.N1	05-NOV-2009 07:02:44	Dark	39.500	46	Del Vel	1.9540	10600.	79	40169	No
70	GOM_NL__2PRFIN20091105_070420_000000522084_00035_40169_8580.N1	05-NOV-2009 07:04:20	Dark	52.000	70	Zet Pup	2.2460	39000.	104	40169	No
71	GOM_NL__2PRFIN20091105_070917_000000492084_00035_40169_8581.N1	05-NOV-2009 07:09:17	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	40169	No
72	GOM_NL__2PRFIN20091105_071553_000000582084_00035_40169_8582.N1	05-NOV-2009 07:15:53	Dark	58.000	108	Alp Col	2.6520	15200.	116	40169	No
73	GOM_NL__2PRFIN20091105_072700_000000592084_00035_40169_8583.N1	05-NOV-2009 07:27:00	Straylight	59.000	165	34Gam Eri	2.9500	3200.0	118	40169	No
74	GOM_NL__2PRFIN20091105_073301_000000512084_00035_40169_8584.N1	05-NOV-2009 07:33:01	Twi_and_stray	50.500	94	92Alp Cet	2.5260	3100.0	101	40169	No
75	GOM_NL__2PRFIN20091105_073732_000000382084_00035_40169_8585.N1	05-NOV-2009 07:37:32	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	40169	No
76	GOM_NL__2PRFIN20091105_074149_000000392084_00035_40169_8586.N1	05-NOV-2009 07:41:49	Bright	38.500	173	4Bet Tri	3.0040	8900.0	77	40169	No
77	GOM_NL__2PRFIN20091105_074352_000000382084_00035_40169_8587.N1	05-NOV-2009 07:43:52	Bright	37.500	73	57Gam1And	2.2600	13100.	75	40169	No
78	GOM_NL__2PRFIN20091105_074644_000000502084_00035_40169_8588.N1	05-NOV-2009 07:46:44	Bright	49.500	149	45Eps Per	2.8880	30000.	99	40169	No
79	GOM_NL__2PRFIN20091105_080452_000000412084_00035_40169_8589.N1	05-NOV-2009 08:04:52	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	40169	No
80	GOM_NL__2PRFIN20091105_080629_000000412084_00035_40169_8590.N1	05-NOV-2009 08:06:29	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	40169	No
81	GOM_NL__2PRFIN20091105_081016_000000392084_00035_40169_8591.N1	05-NOV-2009 08:10:16	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	40169	No
82	GOM_NL__2PRFIN20091105_081756_000000422084_00035_40169_8592.N1	05-NOV-2009 08:17:56	Bright	41.500	96	68Del Leo	2.5600	9300.0	83	40169	No
83	GOM_NL__2PRFIN20091105_082247_000000672084_00035_40169_8593.N1	05-NOV-2009 08:22:47	Twi_and_stray	66.500	22	32Alp Leo	1.3600	15200.	133	40169	No
84	GOM_NL__2PRFIN20091105_084058_000000482084_00036_40170_8589.N1	05-NOV-2009 08:40:58	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	40170	No
85	GOM_NL__2PRFIN20091105_084321_000000472084_00036_40170_8590.N1	05-NOV-2009 08:43:21	Dark	47.000	46	Del Vel	1.9540	10600.	94	40170	No
86	GOM_NL__2PRFIN20091105_084457_000000502084_00036_40170_8591.N1	05-NOV-2009 08:44:57	Dark	50.000	70	Zet Pup	2.2460	39000.	100	40170	No
87	GOM_NL__2PRFIN20091105_084954_000000622084_00036_40170_8592.N1	05-NOV-2009 08:49:54	Dark	62.000	2	Alp Car	-0.73600	7000.0	124	40170	No
88	GOM_NL__2PRFIN20091105_085629_000000602084_00036_40170_8593.N1	05-NOV-2009 08:56:29	Dark	59.500	108	Alp Col	2.6520	15200.	119	40170	No
89	GOM_NL__2PRFIN20091105_090736_000000622084_00036_40170_8594.N1	05-NOV-2009 09:07:36	Straylight	62.000	165	34Gam Eri	2.9500	3200.0	124	40170	No
90	GOM_NL__2PRFIN20091105_091337_000000532084_00036_40170_8595.N1	05-NOV-2009 09:13:37	Twi_and_stray	52.500	94	92Alp Cet	2.5260	3100.0	105	40170	No
91	GOM_NL__2PRFIN20091105_091808_000000382084_00036_40170_8596.N1	05-NOV-2009 09:18:08	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	40170	No
92	GOM_NL__2PRFIN20091105_092225_000000382084_00036_40170_8597.N1	05-NOV-2009 09:22:25	Bright	38.000	173	4Bet Tri	3.0040	8900.0	76	40170	No
93	GOM_NL__2PRFIN20091105_092428_000000382084_00036_40170_8598.N1	05-NOV-2009 09:24:28	Bright	38.000	73	57Gam1And	2.2600	13100.	76	40170	No
94	GOM_NL__2PRFIN20091105_092719_000000502084_00036_40170_8599.N1	05-NOV-2009 09:27:19	Bright	49.500	149	45Eps Per	2.8880	30000.	99	40170	No
95	GOM_NL__2PRFIN20091105_094528_000000422084_00036_40170_8600.N1	05-NOV-2009 09:45:28	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	40170	No
96	GOM_NL__2PRFIN20091105_094705_000000372084_00036_40170_8601.N1	05-NOV-2009 09:47:05	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	40170	No
97	GOM_NL__2PRFIN20091105_095052_000000412084_00036_40170_8602.N1	05-NOV-2009 09:50:52	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	40170	No
98	GOM_NL__2PRFIN20091105_095833_000000412084_00036_40170_8603.N1	05-NOV-2009 09:58:33	Bright	41.000	96	68Del Leo	2.5600	9300.0	82	40170	No
99	GOM_NL__2PRFIN20091105_095958_000000532084_00036_40170_8604.N1	05-NOV-2009 09:59:58	Bright	52.500	51	41Gam1Leo	2.0100	4500.0	105	40170	No
100	GOM_NL__2PRFIN20091105_100324_000000672084_00036_40170_8605.N1	05-NOV-2009 10:03:24	Twi_and_stray	66.500	22	32Alp Leo	1.3600	15200.	133	40170	No
101	GOM_NL__2PRFIN20091105_102135_000000482084_00037_40171_8603.N1	05-NOV-2009 10:21:35	Dark	47.500	65	Lam Vel	2.2040	4400.0	95	40171	No

102	GOM_NL__2PRFIN20091105_102357_000000492084_00037_40171_8604.N1	05-NOV-2009 10:23:57	Dark	49.000	46	Del Vel	1.9540	10600.	98	40171	No
103	GOM_NL__2PRFIN20091105_102534_000000502084_00037_40171_8605.N1	05-NOV-2009 10:25:34	Dark	50.000	70	Zet Pup	2.2460	39000.	100	40171	No
104	GOM_NL__2PRFIN20091105_103031_000000482084_00037_40171_8606.N1	05-NOV-2009 10:30:31	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40171	No
105	GOM_NL__2PRFIN20091105_103706_000000592084_00037_40171_8607.N1	05-NOV-2009 10:37:06	Dark	59.000	108	Alp Col	2.6520	15200.	118	40171	No
106	GOM_NL__2PRFIN20091105_104812_000000592084_00037_40171_8608.N1	05-NOV-2009 10:48:12	Straylight	58.500	165	34Gam Eri	2.9500	3200.0	117	40171	No
107	GOM_NL__2PRFIN20091105_105412_000000532084_00037_40171_8609.N1	05-NOV-2009 10:54:12	Twi_and_stray	53.000	94	92Alp Cet	2.5260	3100.0	106	40171	No
108	GOM_NL__2PRFIN20091105_105844_000000392084_00037_40171_8610.N1	05-NOV-2009 10:58:44	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	40171	No
109	GOM_NL__2PRFIN20091105_110300_000000372084_00037_40171_8611.N1	05-NOV-2009 11:03:00	Bright	37.000	173	4Bet Tri	3.0040	8900.0	74	40171	No
110	GOM_NL__2PRFIN20091105_110503_000000392084_00037_40171_8612.N1	05-NOV-2009 11:05:03	Bright	38.500	73	57Gam1And	2.2600	13100.	77	40171	No
111	GOM_NL__2PRFIN20091105_110754_000000492084_00037_40171_8613.N1	05-NOV-2009 11:07:54	Bright	48.500	149	45Eps Per	2.8880	30000.	97	40171	No
112	GOM_NL__2PRFIN20091105_112603_000000422084_00037_40171_8614.N1	05-NOV-2009 11:26:03	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	40171	No
113	GOM_NL__2PRFIN20091105_112741_000000382084_00037_40171_8615.N1	05-NOV-2009 11:27:41	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	40171	No
114	GOM_NL__2PRFIN20091105_113127_000000432084_00037_40171_8616.N1	05-NOV-2009 11:31:27	Bright	42.500	174	52Psi UMa	3.0040	4400.0	85	40171	No
115	GOM_NL__2PRFIN20091105_113908_000000412084_00037_40171_8617.N1	05-NOV-2009 11:39:08	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	40171	No
116	GOM_NL__2PRFIN20091105_114034_000000562084_00037_40171_8618.N1	05-NOV-2009 11:40:34	Bright	55.500	51	41Gam1Leo	2.0100	4500.0	111	40171	No
117	GOM_NL__2PRFIN20091105_114400_000000622084_00037_40171_8619.N1	05-NOV-2009 11:44:00	Twi_and_stray	61.500	22	32Alp Leo	1.3600	15200.	123	40171	No
118	GOM_NL__2PRFIN20091105_120212_000000512084_00038_40172_8636.N1	05-NOV-2009 12:02:12	Dark	50.500	65	Lam Vel	2.2040	4400.0	101	40172	No
119	GOM_NL__2PRFIN20091105_120434_000000452084_00038_40172_8637.N1	05-NOV-2009 12:04:34	Dark	45.000	46	Del Vel	1.9540	10600.	90	40172	No
120	GOM_NL__2PRFIN20091105_120611_000000502084_00038_40172_8638.N1	05-NOV-2009 12:06:11	Dark	50.000	70	Zet Pup	2.2460	39000.	100	40172	No
121	GOM_NL__2PRFIN20091105_121107_000000472084_00038_40172_8639.N1	05-NOV-2009 12:11:07	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	40172	No
122	GOM_NL__2PRFIN20091105_121743_000000582084_00038_40172_8640.N1	05-NOV-2009 12:17:43	Dark	58.000	108	Alp Col	2.6520	15200.	116	40172	No
123	GOM_NL__2PRFIN20091105_122848_000000612084_00038_40172_8641.N1	05-NOV-2009 12:28:48	Straylight	60.500	165	34Gam Eri	2.9500	3200.0	121	40172	No
124	GOM_NL__2PRFIN20091105_123448_000000512084_00038_40172_8642.N1	05-NOV-2009 12:34:48	Twi_and_stray	51.000	94	92Alp Cet	2.5260	3100.0	102	40172	No
125	GOM_NL__2PRFIN20091105_123919_000000382084_00038_40172_8643.N1	05-NOV-2009 12:39:19	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	40172	No
126	GOM_NL__2PRFIN20091105_124336_000000392084_00038_40172_8644.N1	05-NOV-2009 12:43:36	Bright	38.500	173	4Bet Tri	3.0040	8900.0	77	40172	No
127	GOM_NL__2PRFIN20091105_124539_000000402084_00038_40172_8645.N1	05-NOV-2009 12:45:39	Bright	40.000	73	57Gam1And	2.2600	13100.	80	40172	No
128	GOM_NL__2PRFIN20091105_124829_000000502084_00038_40172_8646.N1	05-NOV-2009 12:48:29	Bright	50.000	149	45Eps Per	2.8880	30000.	100	40172	No
129	GOM_NL__2PRFIN20091105_130639_000000392084_00038_40172_8647.N1	05-NOV-2009 13:06:39	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	40172	No
130	GOM_NL__2PRFIN20091105_130816_000000402084_00038_40172_8648.N1	05-NOV-2009 13:08:16	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	40172	No
131	GOM_NL__2PRFIN20091105_131203_000000412084_00038_40172_8649.N1	05-NOV-2009 13:12:03	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	40172	No
132	GOM_NL__2PRFIN20091105_131945_000000602084_00038_40172_8650.N1	05-NOV-2009 13:19:45	Bright	60.000	96	68Del Leo	2.5600	9300.0	120	40172	No
133	GOM_NL__2PRFIN20091105_132437_000000642084_00038_40172_8651.N1	05-NOV-2009 13:24:37	Twi_and_stray	64.000	22	32Alp Leo	1.3600	15200.	128	40172	No
134	GOM_NL__2PRFIN20091105_134249_000000622084_00039_40173_8648.N1	05-NOV-2009 13:42:49	Dark	62.000	65	Lam Vel	2.2040	4400.0	124	40173	No
135	GOM_NL__2PRFIN20091105_134510_000000412084_00039_40173_8649.N1	05-NOV-2009 13:45:10	Dark	41.000	46	Del Vel	1.9540	10600.	82	40173	No
136	GOM_NL__2PRFIN20091105_134648_000000532084_00039_40173_8650.N1	05-NOV-2009 13:46:48	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40173	No
137	GOM_NL__2PRFIN20091105_135144_000000532084_00039_40173_8651.N1	05-NOV-2009 13:51:44	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	40173	No
138	GOM_NL__2PRFIN20091105_135820_000000592084_00039_40173_8652.N1	05-NOV-2009 13:58:20	Dark	59.000	108	Alp Col	2.6520	15200.	118	40173	No
139	GOM_NL__2PRFIN20091105_140924_000000572084_00039_40173_8653.N1	05-NOV-2009 14:09:24	Straylight	57.000	165	34Gam Eri	2.9500	3200.0	114	40173	No
140	GOM_NL__2PRFIN20091105_141524_000000522084_00039_40173_8654.N1	05-NOV-2009 14:15:24	Twi_and_stray	51.500	94	92Alp Cet	2.5260	3100.0	103	40173	No
141	GOM_NL__2PRFIN20091105_141959_000000352084_00039_40173_8655.N1	05-NOV-2009 14:19:59	Bright	35.000	105	6Bet Ari	2.6450	8900.0	70	40173	No
142	GOM_NL__2PRFIN20091105_142412_000000382084_00039_40173_8656.N1	05-NOV-2009 14:24:12	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	40173	No
143	GOM_NL__2PRFIN20091105_142615_000000392084_00039_40173_8657.N1	05-NOV-2009 14:26:15	Bright	38.500	73	57Gam1And	2.2600	13100.	77	40173	No
144	GOM_NL__2PRFIN20091105_142905_000000502084_00039_40173_8658.N1	05-NOV-2009 14:29:05	Bright	50.000	149	45Eps Per	2.8880	30000.	100	40173	No
145	GOM_NL__2PRFIN20091105_144715_000000402084_00039_40173_8659.N1	05-NOV-2009 14:47:15	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	40173	No
146	GOM_NL__2PRFIN20091105_144852_000000402084_00039_40173_8660.N1	05-NOV-2009 14:48:52	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	40173	No
147	GOM_NL__2PRFIN20091105_145240_000000402084_00039_40173_8661.N1	05-NOV-2009 14:52:40	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	40173	No
148	GOM_NL__2PRFIN20091105_150021_000000602084_00039_40173_8662.N1	05-NOV-2009 15:00:21	Bright	60.000	96	68Del Leo	2.5600	9300.0	120	40173	No
149	GOM_NL__2PRFIN20091105_150514_000000662084_00039_40173_8663.N1	05-NOV-2009 15:05:14	Twi_and_stray	66.000	22	32Alp Leo	1.3600	15200.	132	40173	No
150	GOM_NL__2PRFIN20091105_152326_000000472084_00040_40174_8659.N1	05-NOV-2009 15:23:26	Dark	47.000	65	Lam Vel	2.2040	4400.0	94	40174	No
151	GOM_NL__2PRFIN20091105_152547_000000432084_00040_40174_8660.N1	05-NOV-2009 15:25:47	Dark	43.000	46	Del Vel	1.9540	10600.	86	40174	No
152	GOM_NL__2PRFIN20091105_152725_000000522084_00040_40174_8661.N1	05-NOV-2009 15:27:25	Dark	52.000	70	Zet Pup	2.2460	39000.	104	40174	No
153	GOM_NL__2PRFIN20091105_153221_000000572084_00040_40174_8662.N1	05-NOV-2009 15:32:21	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	40174	No
154	GOM_NL__2PRFIN20091105_153857_000000602084_00040_40174_8663.N1	05-NOV-2009 15:38:57	Dark	60.000	108	Alp Col	2.6520	15200.	120	40174	No
155	GOM_NL__2PRFIN20091105_155000_000000602084_00040_40174_8664.N1	05-NOV-2009 15:50:00	Straylight	59.500	165	34Gam Eri	2.9500	3200.0	119	40174	No
156	GOM_NL__2PRFIN20091105_155600_000000492084_00040_40174_8665.N1	05-NOV-2009 15:56:00	Twi_and_stray	49.000	94	92Alp Cet	2.5260	3100.0	98	40174	No
157	GOM_NL__2PRFIN20091105_160123_000000402084_00040_40174_8666.N1	05-NOV-2009 16:01:23	Bright	40.000	50	13Alp Ari	2.0070	4250.0	80	40174	No
158	GOM_NL__2PRFIN20091105_160448_000000382084_00040_40174_8667.N1	05-NOV-2009 16:04:48	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	40174	No
159	GOM_NL__2PRFIN20091105_160651_000000392084_00040_40174_8668.N1	05-NOV-2009 16:06:51	Bright	39.000	73	57Gam1And	2.2600	13100.	78	40174	No
160	GOM_NL__2PRFIN20091105_160940_000000502084_00040_40174_8669.N1	05-NOV-2009 16:09:40	Bright	49.500	149	45Eps Per	2.8880	30000.	99	40174	No

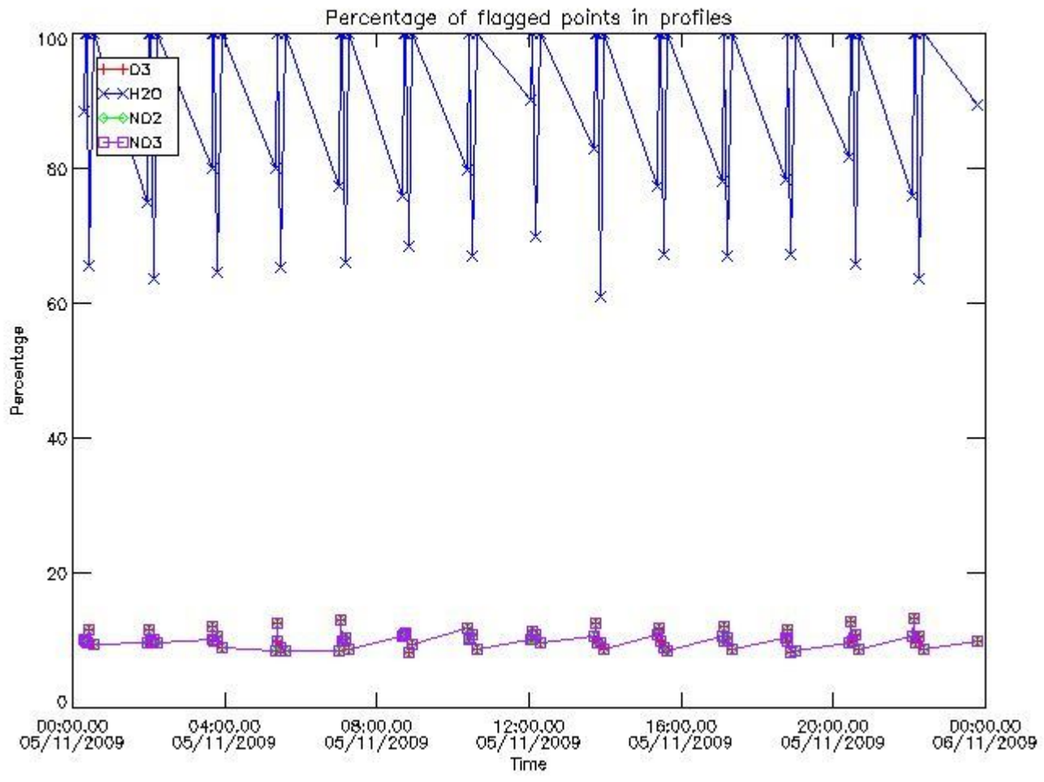
161	GOM_NL__2PRFIN20091105_162751_000000402084_00040_40174_8670.N1	05-NOV-2009 16:27:51	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	40174	No
162	GOM_NL__2PRFIN20091105_162928_000000412084_00040_40174_8671.N1	05-NOV-2009 16:29:28	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	40174	No
163	GOM_NL__2PRFIN20091105_163316_000000382084_00040_40174_8672.N1	05-NOV-2009 16:33:16	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	40174	No
164	GOM_NL__2PRFIN20091105_164057_000000482084_00040_40174_8673.N1	05-NOV-2009 16:40:57	Bright	47.500	96	68Del Leo	2.5600	9300.0	95	40174	No
165	GOM_NL__2PRFIN20091105_164550_000000672084_00040_40174_8674.N1	05-NOV-2009 16:45:50	Twi_and_stray	66.500	22	32Alp Leo	1.3600	15200.	133	40174	No
166	GOM_NL__2PRFIN20091105_170403_000000492084_00041_40175_8670.N1	05-NOV-2009 17:04:03	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	40175	No
167	GOM_NL__2PRFIN20091105_170624_000000432084_00041_40175_8671.N1	05-NOV-2009 17:06:24	Dark	42.500	46	Del Vel	1.9540	10600.	85	40175	No
168	GOM_NL__2PRFIN20091105_170803_000000522084_00041_40175_8672.N1	05-NOV-2009 17:08:03	Dark	51.500	70	Zet Pup	2.2460	39000.	103	40175	No
169	GOM_NL__2PRFIN20091105_171257_000000492084_00041_40175_8673.N1	05-NOV-2009 17:12:57	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	40175	No
170	GOM_NL__2PRFIN20091105_171933_000000602084_00041_40175_8674.N1	05-NOV-2009 17:19:33	Dark	59.500	108	Alp Col	2.6520	15200.	119	40175	No
171	GOM_NL__2PRFIN20091105_173036_000000592084_00041_40175_8675.N1	05-NOV-2009 17:30:36	Straylight	59.000	165	34Gam Eri	2.9500	3200.0	118	40175	No
172	GOM_NL__2PRFIN20091105_173636_000000512084_00041_40175_8676.N1	05-NOV-2009 17:36:36	Twi_and_stray	50.500	94	92Alp Cet	2.5260	3100.0	101	40175	No
173	GOM_NL__2PRFIN20091105_174159_000000402084_00041_40175_8677.N1	05-NOV-2009 17:41:59	Bright	40.000	50	13Alp Ari	2.0070	4250.0	80	40175	No
174	GOM_NL__2PRFIN20091105_174524_000000362084_00041_40175_8678.N1	05-NOV-2009 17:45:24	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	40175	No
175	GOM_NL__2PRFIN20091105_174727_000000392084_00041_40175_8679.N1	05-NOV-2009 17:47:27	Bright	38.500	73	57Gam1And	2.2600	13100.	77	40175	No
176	GOM_NL__2PRFIN20091105_175015_000000502084_00041_40175_8680.N1	05-NOV-2009 17:50:15	Bright	49.500	149	45Eps Per	2.8880	30000.	99	40175	No
177	GOM_NL__2PRFIN20091105_180827_000000422084_00041_40175_8681.N1	05-NOV-2009 18:08:27	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	40175	No
178	GOM_NL__2PRFIN20091105_181004_000000402084_00041_40175_8682.N1	05-NOV-2009 18:10:04	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	40175	No
179	GOM_NL__2PRFIN20091105_181351_000000422084_00041_40175_8683.N1	05-NOV-2009 18:13:51	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	40175	No
180	GOM_NL__2PRFIN20091105_182134_000000422084_00041_40175_8684.N1	05-NOV-2009 18:21:34	Bright	41.500	96	68Del Leo	2.5600	9300.0	83	40175	No
181	GOM_NL__2PRFIN20091105_182627_000000642084_00041_40175_8685.N1	05-NOV-2009 18:26:27	Twi_and_stray	63.500	22	32Alp Leo	1.3600	15200.	127	40175	No
182	GOM_NL__2PRFIN20091105_184439_000000492084_00042_40176_8681.N1	05-NOV-2009 18:44:39	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	40176	No
183	GOM_NL__2PRFIN20091105_184700_000000442084_00042_40176_8682.N1	05-NOV-2009 18:47:00	Dark	44.000	46	Del Vel	1.9540	10600.	88	40176	No
184	GOM_NL__2PRFIN20091105_184840_000000522084_00042_40176_8683.N1	05-NOV-2009 18:48:40	Dark	51.500	70	Zet Pup	2.2460	39000.	103	40176	No
185	GOM_NL__2PRFIN20091105_185334_000000622084_00042_40176_8684.N1	05-NOV-2009 18:53:34	Dark	61.500	2	Alp Car	-0.73600	7000.0	123	40176	No
186	GOM_NL__2PRFIN20091105_190010_000000612084_00042_40176_8685.N1	05-NOV-2009 19:00:10	Dark	60.500	108	Alp Col	2.6520	15200.	121	40176	No
187	GOM_NL__2PRFIN20091105_191112_000000592084_00042_40176_8686.N1	05-NOV-2009 19:11:12	Straylight	59.000	165	34Gam Eri	2.9500	3200.0	118	40176	No
188	GOM_NL__2PRFIN20091105_191711_000000522084_00042_40176_8687.N1	05-NOV-2009 19:17:11	Twi_and_stray	52.000	94	92Alp Cet	2.5260	3100.0	104	40176	No
189	GOM_NL__2PRFIN20091105_192235_000000412084_00042_40176_8688.N1	05-NOV-2009 19:22:35	Bright	41.000	50	13Alp Ari	2.0070	4250.0	82	40176	No
190	GOM_NL__2PRFIN20091105_192600_000000362084_00042_40176_8689.N1	05-NOV-2009 19:26:00	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	40176	No
191	GOM_NL__2PRFIN20091105_192803_000000382084_00042_40176_8690.N1	05-NOV-2009 19:28:03	Bright	38.000	73	57Gam1And	2.2600	13100.	76	40176	No
192	GOM_NL__2PRFIN20091105_193050_000000492084_00042_40176_8691.N1	05-NOV-2009 19:30:50	Bright	49.000	149	45Eps Per	2.8880	30000.	98	40176	No
193	GOM_NL__2PRFIN20091105_194903_000000442084_00042_40176_8692.N1	05-NOV-2009 19:49:03	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	40176	No
194	GOM_NL__2PRFIN20091105_195040_000000412084_00042_40176_8693.N1	05-NOV-2009 19:50:40	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	40176	No
195	GOM_NL__2PRFIN20091105_195427_000000412084_00042_40176_8694.N1	05-NOV-2009 19:54:27	Bright	40.500	174	52Psi UMa	3.0040	4400.0	81	40176	No
196	GOM_NL__2PRFIN20091105_200210_000000412084_00042_40176_8695.N1	05-NOV-2009 20:02:10	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	40176	No
197	GOM_NL__2PRFIN20091105_200336_000000542084_00042_40176_8696.N1	05-NOV-2009 20:03:36	Bright	53.500	51	41Gam1Leo	2.0100	4500.0	107	40176	No
198	GOM_NL__2PRFIN20091105_200704_000000692084_00042_40176_8697.N1	05-NOV-2009 20:07:04	Twi_and_stray	68.500	22	32Alp Leo	1.3600	15200.	137	40176	No
199	GOM_NL__2PRFIN20091105_202516_000000532084_00043_40177_8692.N1	05-NOV-2009 20:25:16	Dark	52.500	65	Lam Vel	2.2040	4400.0	105	40177	No
200	GOM_NL__2PRFIN20091105_202737_000000402084_00043_40177_8693.N1	05-NOV-2009 20:27:37	Dark	40.000	46	Del Vel	1.9540	10600.	80	40177	No
201	GOM_NL__2PRFIN20091105_202917_000000522084_00043_40177_8694.N1	05-NOV-2009 20:29:17	Dark	52.000	70	Zet Pup	2.2460	39000.	104	40177	No
202	GOM_NL__2PRFIN20091105_203411_000000602084_00043_40177_8695.N1	05-NOV-2009 20:34:11	Dark	60.000	2	Alp Car	-0.73600	7000.0	120	40177	No
203	GOM_NL__2PRFIN20091105_204047_000000582084_00043_40177_8696.N1	05-NOV-2009 20:40:47	Dark	58.000	108	Alp Col	2.6520	15200.	116	40177	No
204	GOM_NL__2PRFIN20091105_205148_000000582084_00043_40177_8697.N1	05-NOV-2009 20:51:48	Straylight	57.500	165	34Gam Eri	2.9500	3200.0	115	40177	No
205	GOM_NL__2PRFIN20091105_205747_000000512084_00043_40177_8698.N1	05-NOV-2009 20:57:47	Twi_and_stray	51.000	94	92Alp Cet	2.5260	3100.0	102	40177	No
206	GOM_NL__2PRFIN20091105_210311_000000412084_00043_40177_8699.N1	05-NOV-2009 21:03:11	Bright	41.000	50	13Alp Ari	2.0070	4250.0	82	40177	No
207	GOM_NL__2PRFIN20091105_210635_000000362084_00043_40177_8700.N1	05-NOV-2009 21:06:35	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	40177	No
208	GOM_NL__2PRFIN20091105_210838_000000552084_00043_40177_8701.N1	05-NOV-2009 21:08:38	Bright	55.000	73	57Gam1And	2.2600	13100.	110	40177	No
209	GOM_NL__2PRFIN20091105_211125_000000472084_00043_40177_8702.N1	05-NOV-2009 21:11:25	Bright	47.000	149	45Eps Per	2.8880	30000.	94	40177	No
210	GOM_NL__2PRFIN20091105_212939_000000432084_00043_40177_8703.N1	05-NOV-2009 21:29:39	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	40177	No
211	GOM_NL__2PRFIN20091105_213116_000000412084_00043_40177_8704.N1	05-NOV-2009 21:31:16	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	40177	No
212	GOM_NL__2PRFIN20091105_213503_000000402084_00043_40177_8705.N1	05-NOV-2009 21:35:03	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	40177	No
213	GOM_NL__2PRFIN20091105_214246_000000412084_00043_40177_8706.N1	05-NOV-2009 21:42:46	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	40177	No
214	GOM_NL__2PRFIN20091105_214413_000000752084_00043_40177_8707.N1	05-NOV-2009 21:44:13	Bright	75.000	51	41Gam1Leo	2.0100	4500.0	150	40177	No
215	GOM_NL__2PRFIN20091105_214741_000000642084_00043_40177_8708.N1	05-NOV-2009 21:47:41	Twi_and_stray	64.000	22	32Alp Leo	1.3600	15200.	128	40177	No
216	GOM_NL__2PRFIN20091105_220553_000000482084_00044_40178_8703.N1	05-NOV-2009 22:05:53	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	40178	No
217	GOM_NL__2PRFIN20091105_220814_000000422084_00044_40178_8704.N1	05-NOV-2009 22:08:14	Dark	42.000	46	Del Vel	1.9540	10600.	84	40178	No
218	GOM_NL__2PRFIN20091105_220954_000000542084_00044_40178_8705.N1	05-NOV-2009 22:09:54	Dark	53.500	70	Zet Pup	2.2460	39000.	107	40178	No
219	GOM_NL__2PRFIN20091105_221448_000000492084_00044_40178_8706.N1	05-NOV-2009 22:14:48	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	40178	No

220	GOM_NL__2PRFIN20091105_222124_000000592084_00044_40178_8707.N1	05-NOV-2009 22:21:24	Dark	58.500	108	Alp Col	2.6520	15200.	117	40178	No
221	GOM_NL__2PRFIN20091105_223224_000000572084_00044_40178_8708.N1	05-NOV-2009 22:32:24	Straylight	57.000	165	34Gam Eri	2.9500	3200.0	114	40178	No
222	GOM_NL__2PRFIN20091105_223823_000000532084_00044_40178_8709.N1	05-NOV-2009 22:38:23	Twi_and_stray	53.000	94	92Alp Cet	2.5260	3100.0	106	40178	No
223	GOM_NL__2PRFIN20091105_224346_000000412084_00044_40178_8710.N1	05-NOV-2009 22:43:46	Bright	41.000	50	13Alp Ari	2.0070	4250.0	82	40178	No
224	GOM_NL__2PRFIN20091105_224711_000000382084_00044_40178_8711.N1	05-NOV-2009 22:47:11	Bright	38.000	173	4Bet Tri	3.0040	8900.0	76	40178	No
225	GOM_NL__2PRFIN20091105_224914_000000392084_00044_40178_8712.N1	05-NOV-2009 22:49:14	Bright	38.500	73	57Gam1And	2.2600	13100.	77	40178	No
226	GOM_NL__2PRFIN20091105_225200_000000492084_00044_40178_8713.N1	05-NOV-2009 22:52:00	Bright	49.000	149	45Eps Per	2.8880	30000.	98	40178	No
227	GOM_NL__2PRFIN20091105_231014_000000432084_00044_40178_8714.N1	05-NOV-2009 23:10:14	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	40178	No
228	GOM_NL__2PRFIN20091105_231151_000000422084_00044_40178_8715.N1	05-NOV-2009 23:11:51	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	40178	No
229	GOM_NL__2PRFIN20091105_231539_000000382084_00044_40178_8716.N1	05-NOV-2009 23:15:39	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	40178	No
230	GOM_NL__2PRFIN20091105_232322_000000572084_00044_40178_8717.N1	05-NOV-2009 23:23:22	Bright	56.500	96	68Del Leo	2.5600	9300.0	113	40178	No
231	GOM_NL__2PRFIN20091105_232449_000000752084_00044_40178_8718.N1	05-NOV-2009 23:24:49	Bright	75.000	51	41Gam1Leo	2.0100	4500.0	150	40178	No
232	GOM_NL__2PRFIN20091105_232817_000000662084_00044_40178_8719.N1	05-NOV-2009 23:28:17	Twi_and_stray	65.500	22	32Alp Leo	1.3600	15200.	131	40178	No
233	GOM_NL__2PRFIN20091105_234630_000000622084_00045_40179_8714.N1	05-NOV-2009 23:46:30	Dark	61.500	65	Lam Vel	2.2040	4400.0	123	40179	No

3. Quality information per product

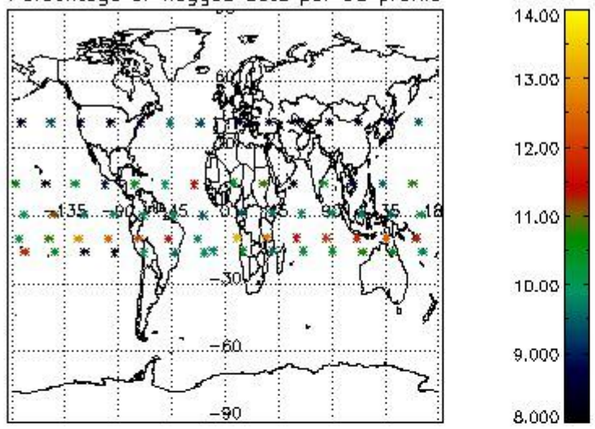
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

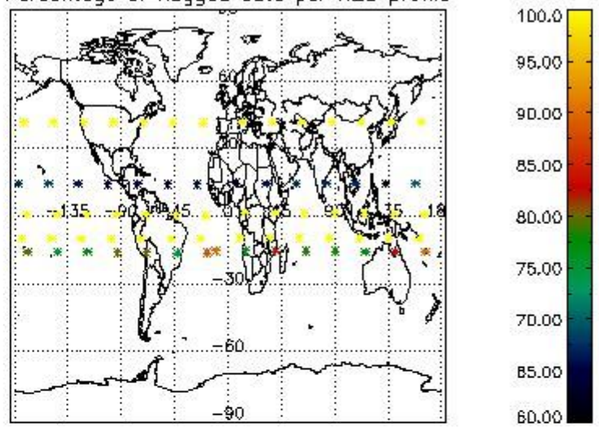


3.2 Plot quality information per product (world map)

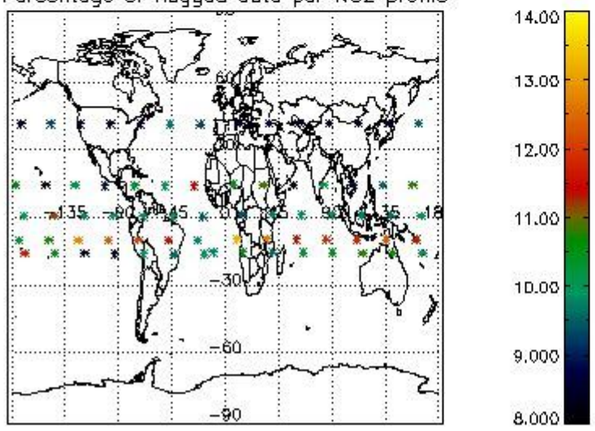
Percentage of flagged data per O3 profile



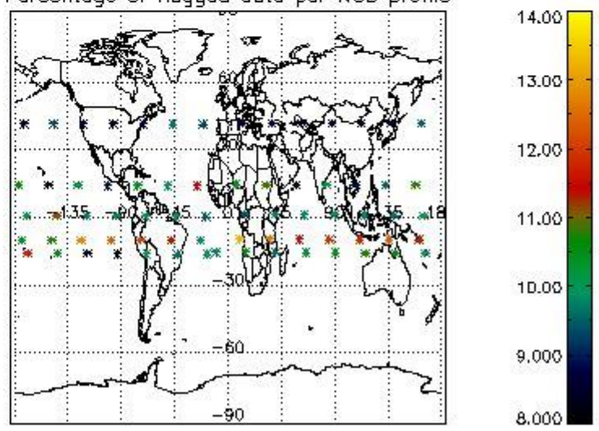
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

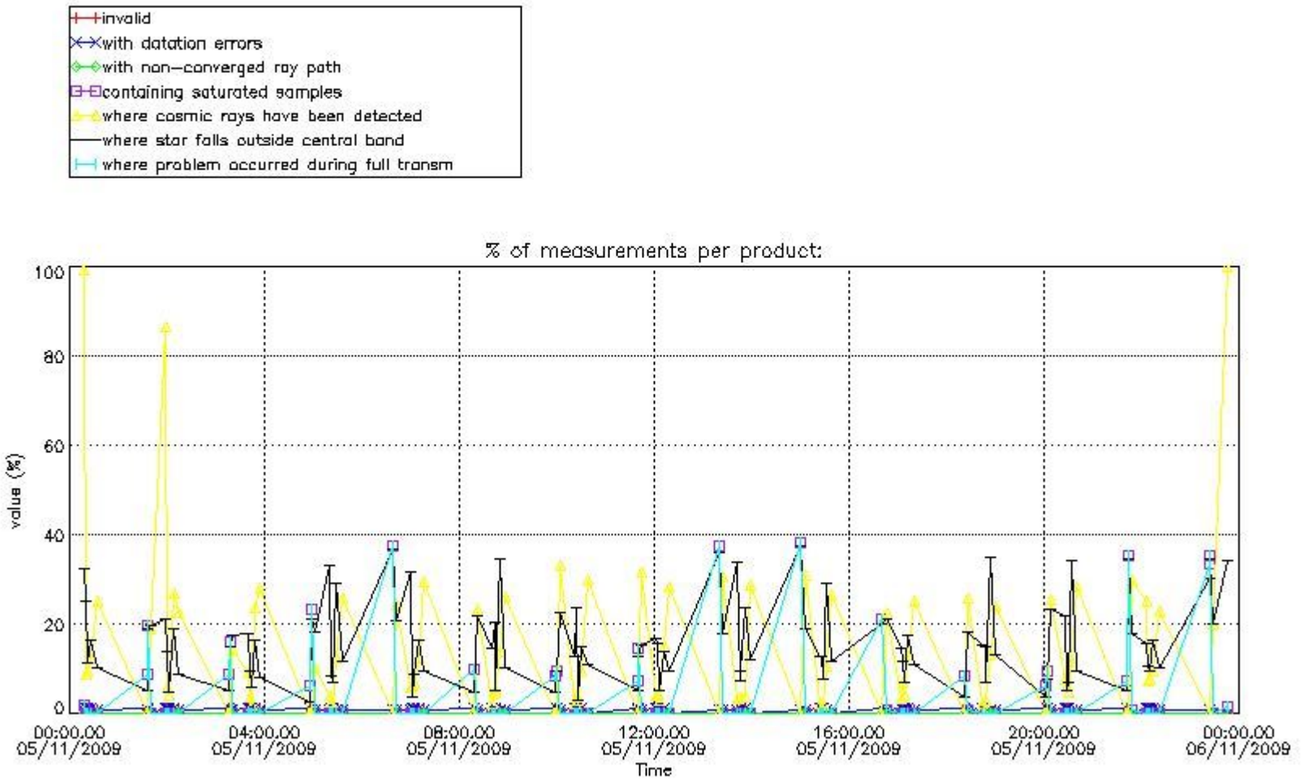


4. Level 1 quality information per product

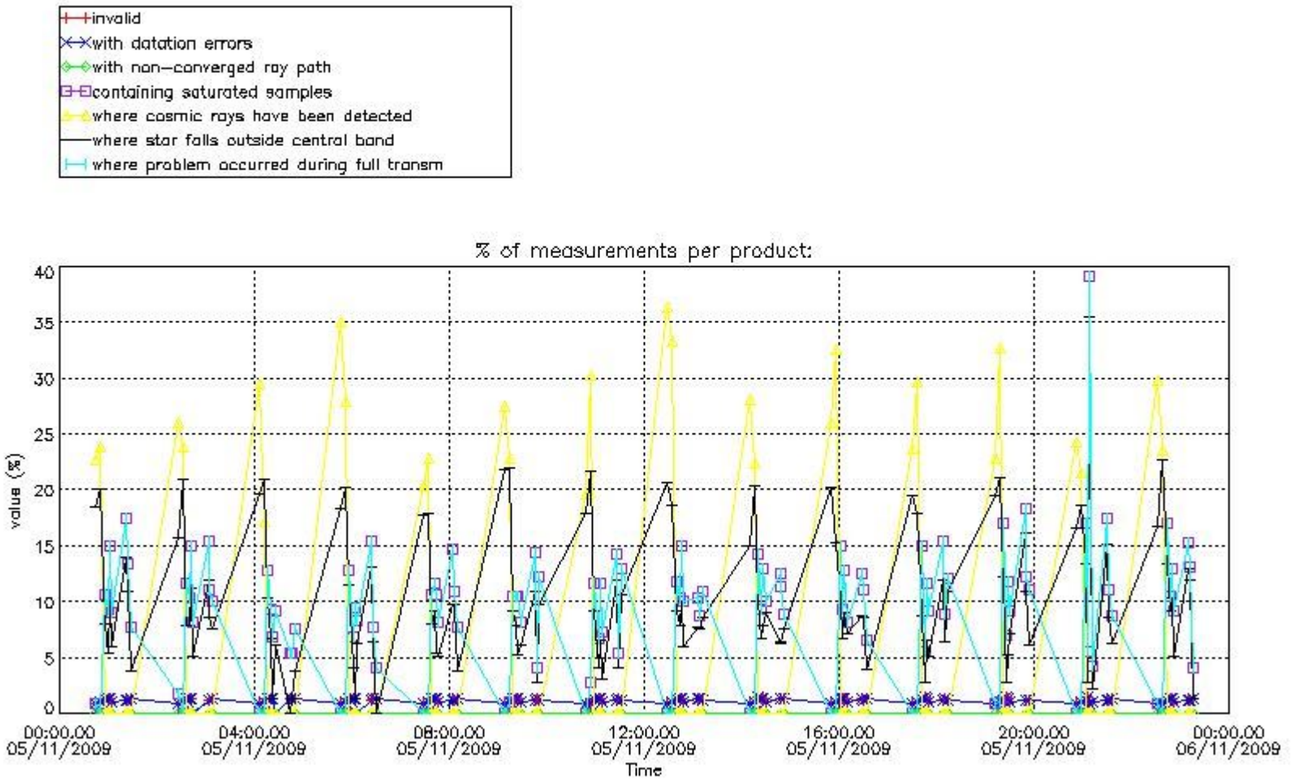
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

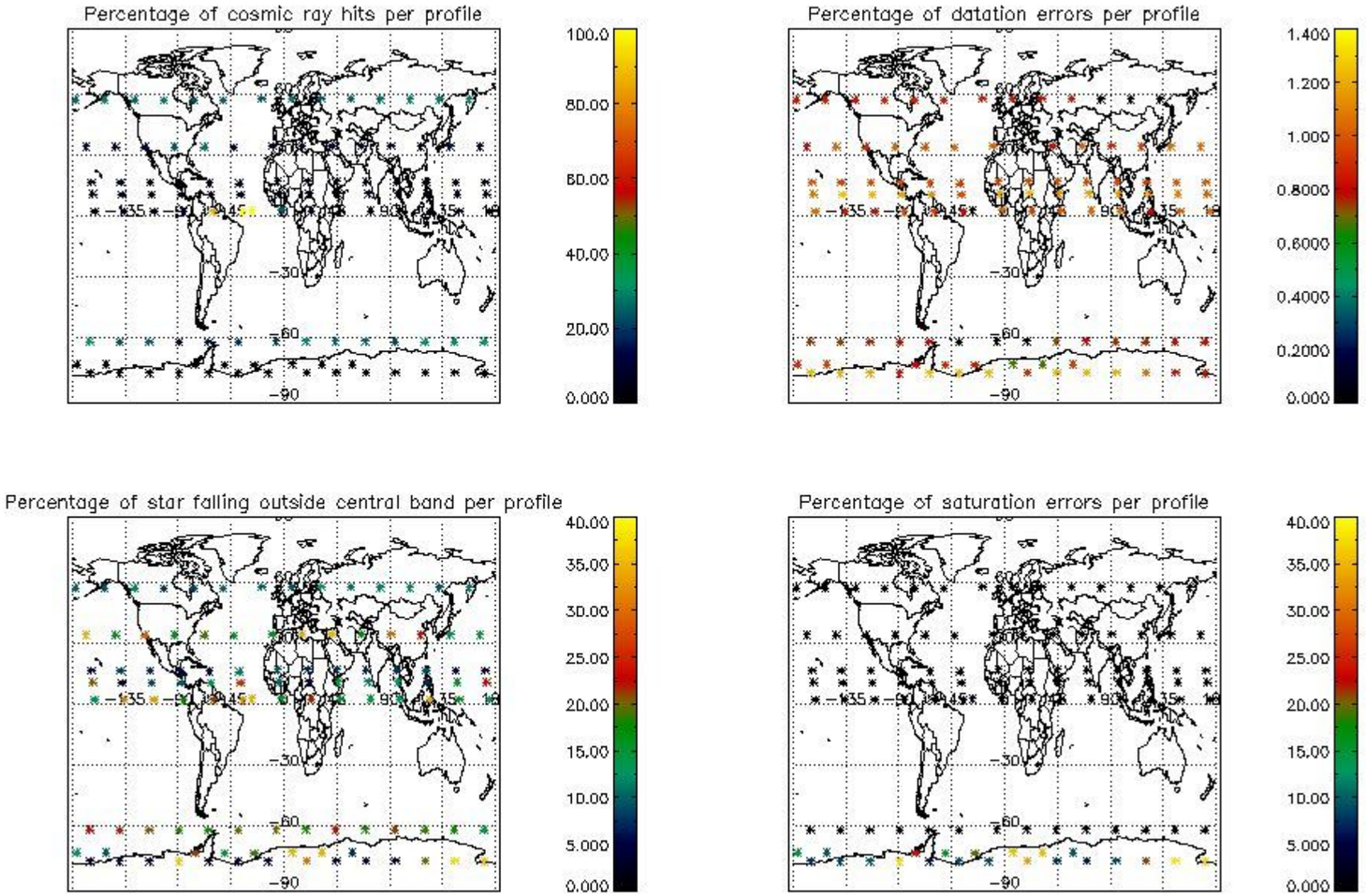


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



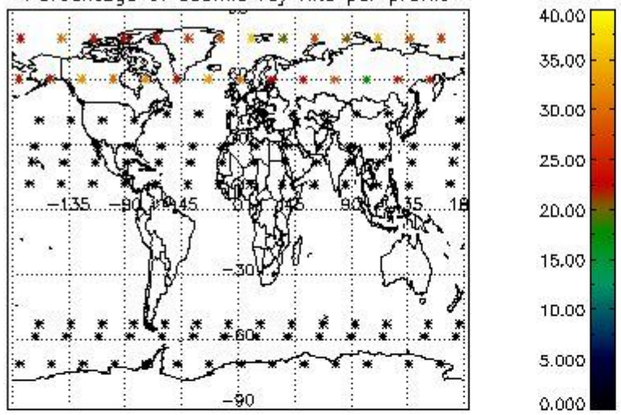
4.2 Plot quality information per product comming from level 1b processing (world map)

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

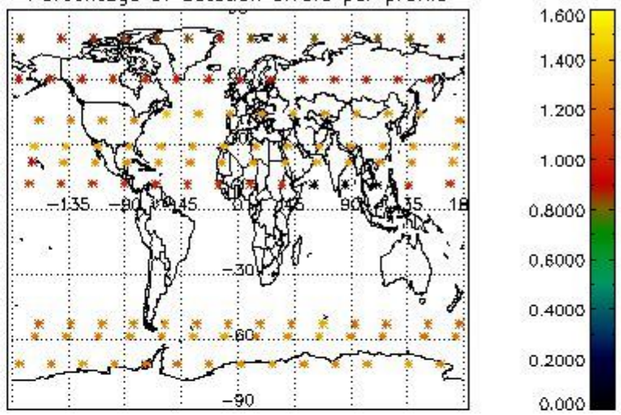


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

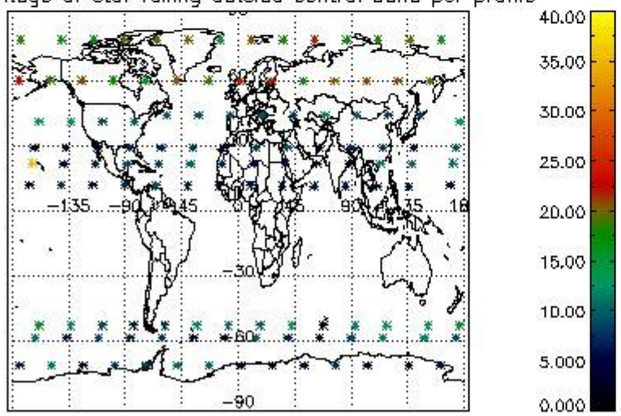
Percentage of cosmic ray hits per profile



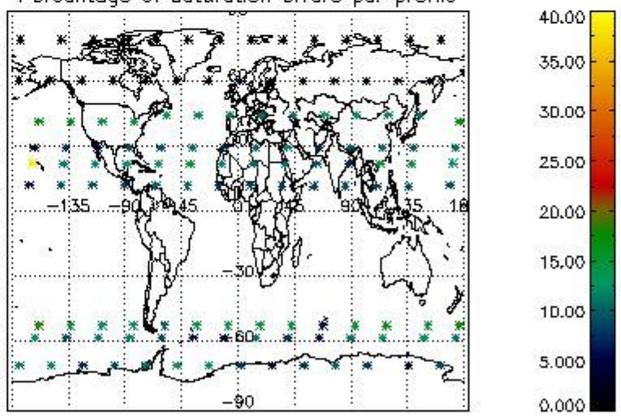
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

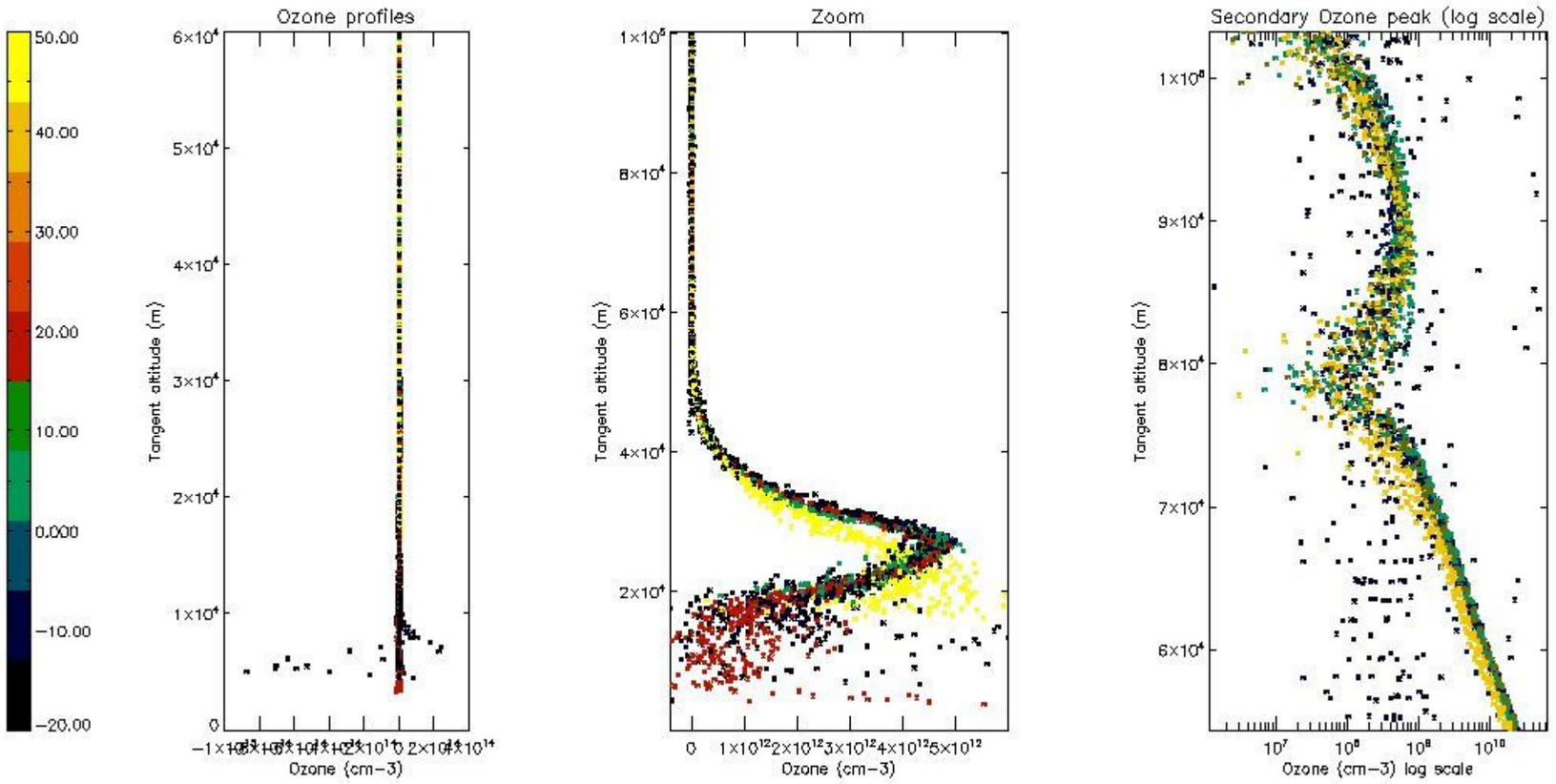
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	16
STD < 5	11

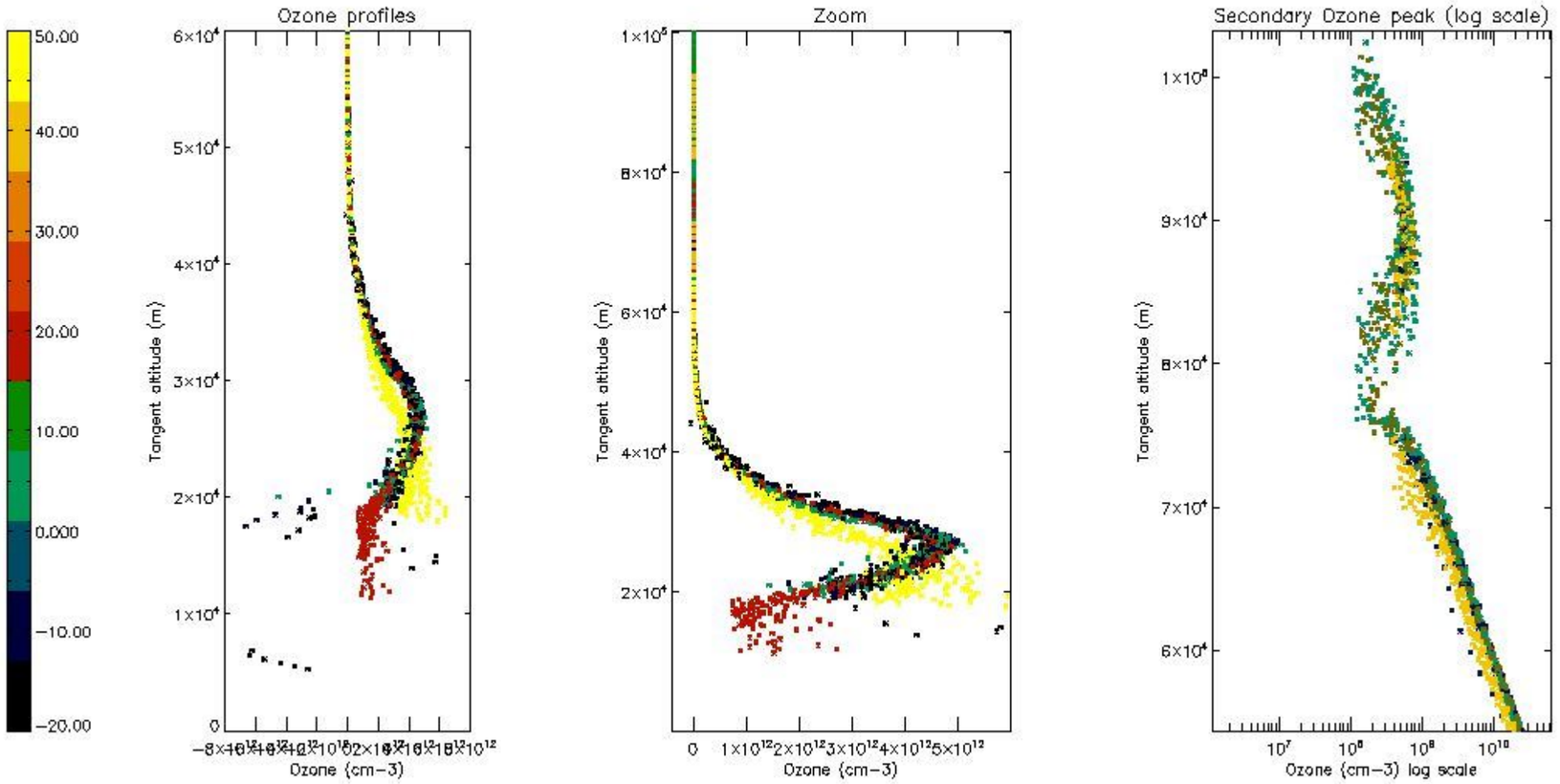
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



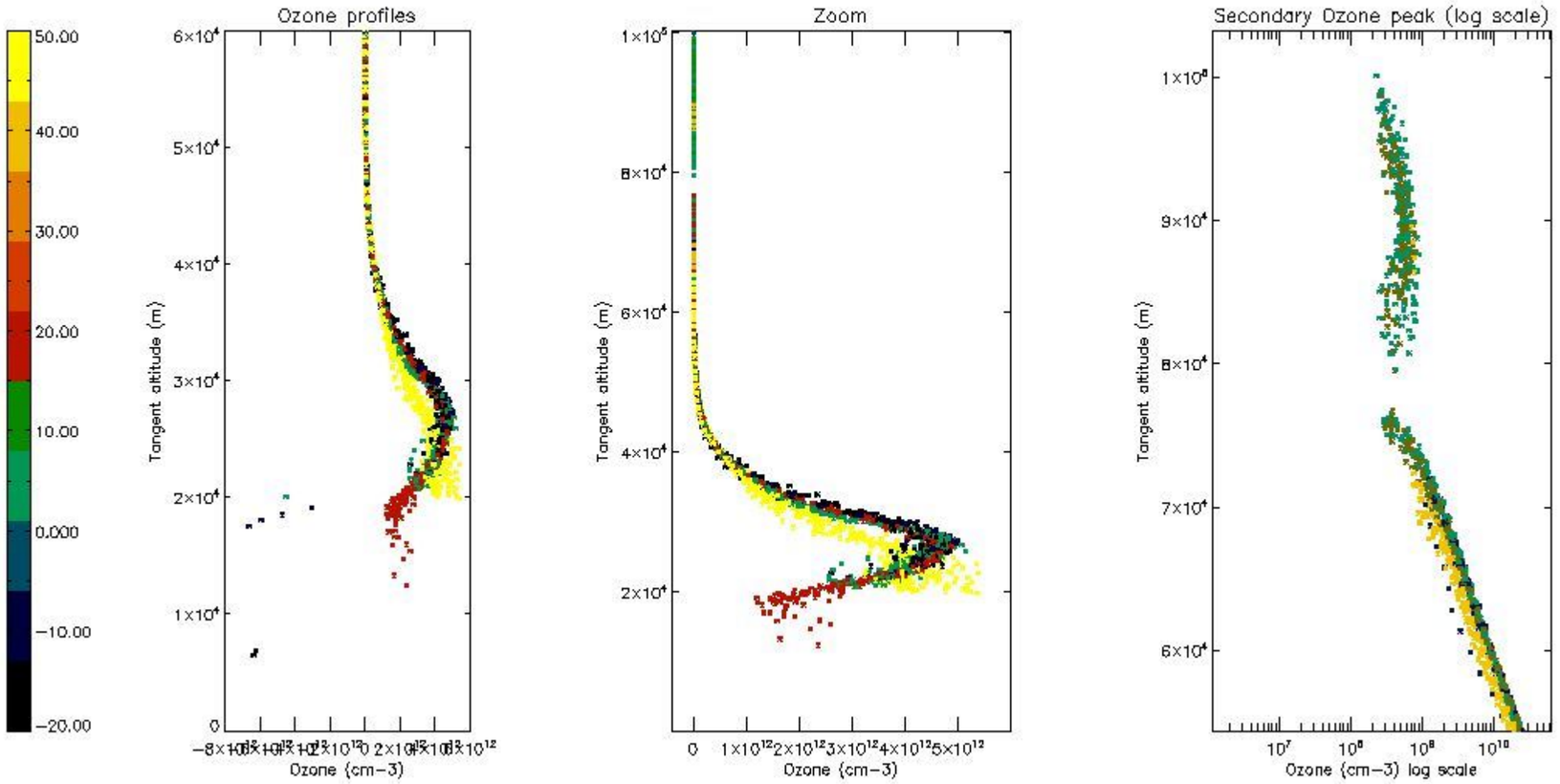
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



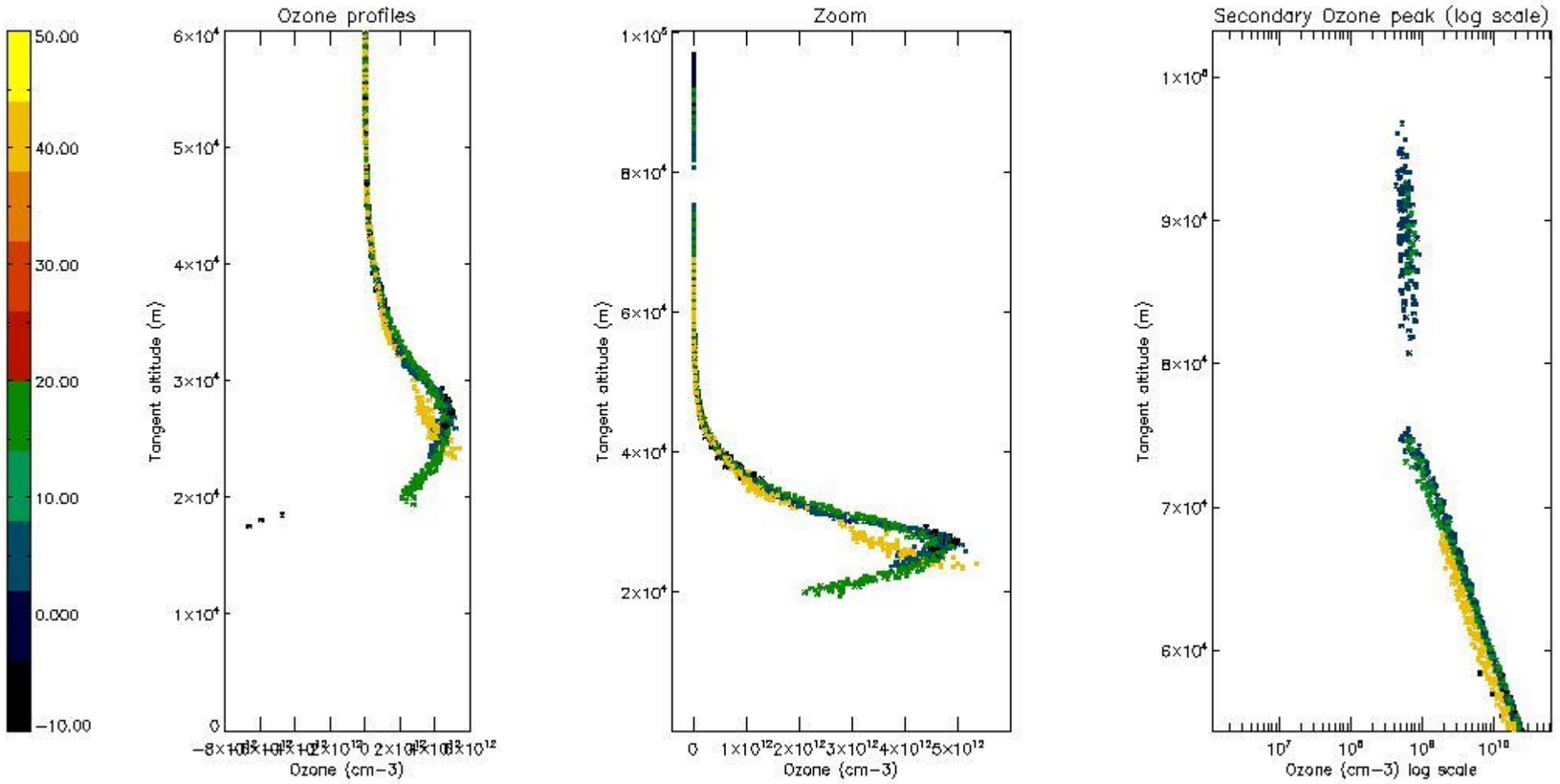
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



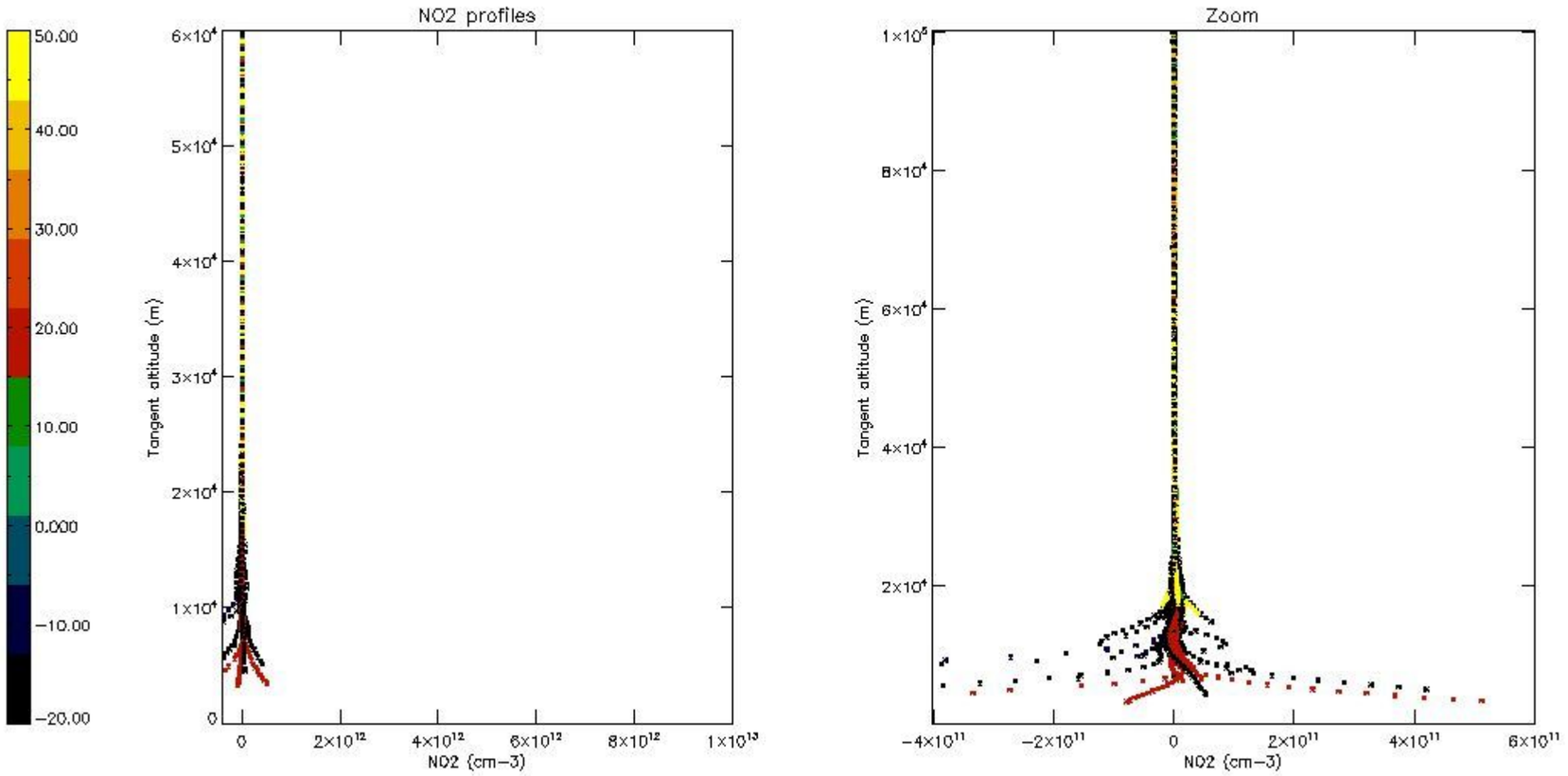
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



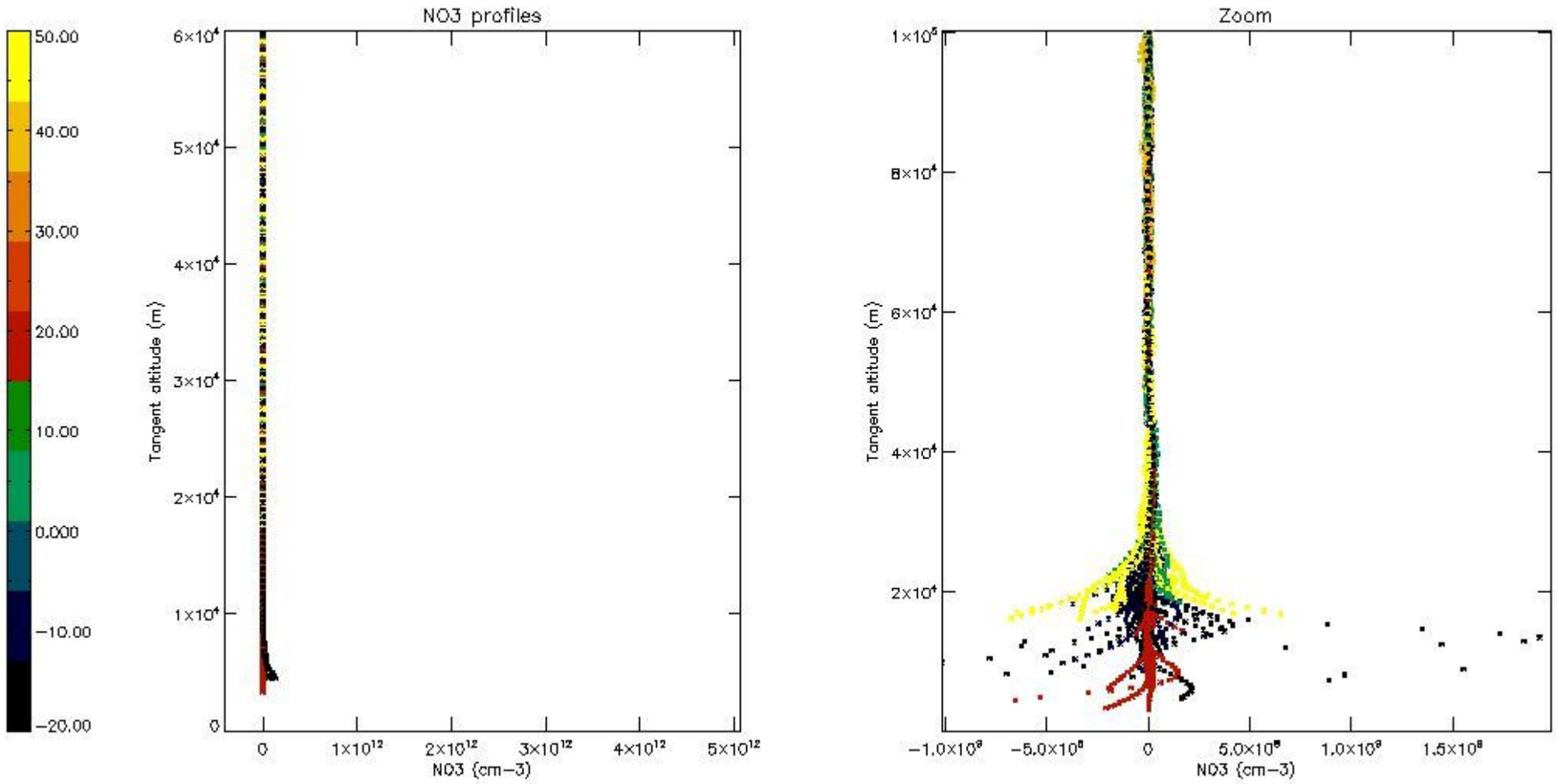
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



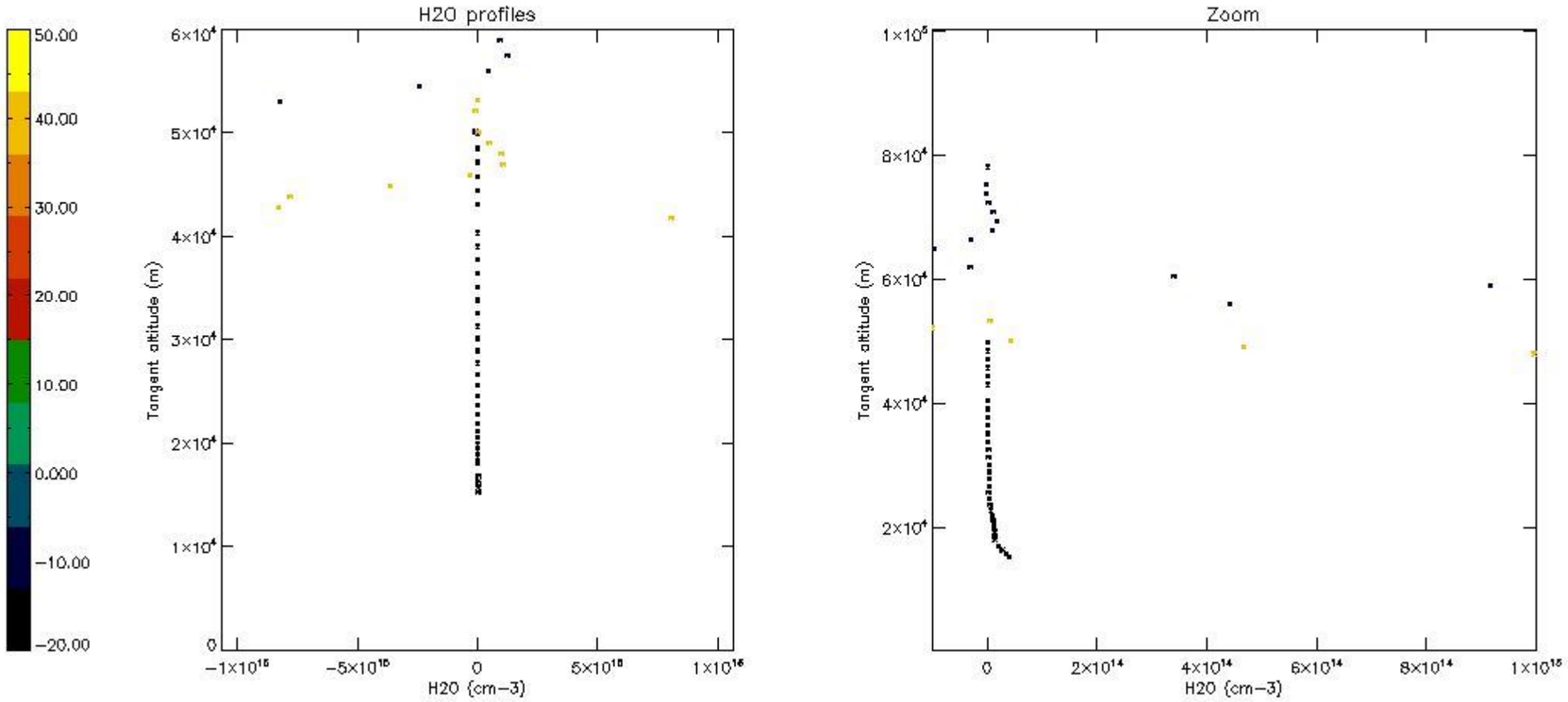
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	05-NOV-2009 00:17:54
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-NOV-2009 00:17:54
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-NOV-2009 00:17:54

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	26APR2013 13:41:02
Data source version	GOMOS/6.01
Start time of products	05-11-2009 (05NOV2009 00:00:00)
Stop time of products	06-11-2009 (06NOV2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	233
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__2PRFIN20091105_001754_000000612084_00031_40165_8527.N1	05-NOV-2009 00:17:54	Dark	60.500	65	Lam Vel	2.2040	4400.0	121	40165	No
2	GOM_NL__2PRFIN20091105_002017_000000522084_00031_40165_8528.N1	05-NOV-2009 00:20:17	Dark	51.500	46	Del Vel	1.9540	10600.	103	40165	No
3	GOM_NL__2PRFIN20091105_002151_000000542084_00031_40165_8529.N1	05-NOV-2009 00:21:51	Dark	53.500	70	Zet Pup	2.2460	39000.	107	40165	No
4	GOM_NL__2PRFIN20091105_002650_000000492084_00031_40165_8530.N1	05-NOV-2009 00:26:50	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	40165	No
5	GOM_NL__2PRFIN20091105_003325_000000602084_00031_40165_8531.N1	05-NOV-2009 00:33:25	Dark	59.500	108	Alp Col	2.6520	15200.	119	40165	No
6	GOM_NL__2PRFIN20091105_004436_000000602084_00031_40165_8532.N1	05-NOV-2009 00:44:36	Straylight	59.500	165	34Gam Eri	2.9500	3200.0	119	40165	No
7	GOM_NL__2PRFIN20091105_005038_000000532084_00031_40165_8533.N1	05-NOV-2009 00:50:38	Twi_and_stray	52.500	94	92Alp Cet	2.5260	3100.0	105	40165	No
8	GOM_NL__2PRFIN20091105_005509_000000382084_00031_40165_8534.N1	05-NOV-2009 00:55:09	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	40165	No
9	GOM_NL__2PRFIN20091105_005926_000000382084_00031_40165_8535.N1	05-NOV-2009 00:59:26	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	40165	No
10	GOM_NL__2PRFIN20091105_010129_000000402084_00031_40165_8536.N1	05-NOV-2009 01:01:29	Bright	40.000	73	57Gam1And	2.2600	13100.	80	40165	No
11	GOM_NL__2PRFIN20091105_010424_000000502084_00031_40165_8537.N1	05-NOV-2009 01:04:24	Bright	50.000	149	45Eps Per	2.8880	30000.	100	40165	No
12	GOM_NL__2PRFIN20091105_012228_000000432084_00031_40165_8538.N1	05-NOV-2009 01:22:28	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	40165	No
13	GOM_NL__2PRFIN20091105_012406_000000412084_00031_40165_8539.N1	05-NOV-2009 01:24:06	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	40165	No
14	GOM_NL__2PRFIN20091105_012752_000000392084_00031_40165_8540.N1	05-NOV-2009 01:27:52	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	40165	No
15	GOM_NL__2PRFIN20091105_013531_000000412084_00031_40165_8541.N1	05-NOV-2009 01:35:31	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	40165	No
16	GOM_NL__2PRFIN20091105_013656_000000592084_00031_40165_8542.N1	05-NOV-2009 01:36:56	Bright	58.500	51	41Gam1Leo	2.0100	4500.0	117	40165	No
17	GOM_NL__2PRFIN20091105_014020_000000642084_00031_40165_8543.N1	05-NOV-2009 01:40:20	Twi_and_stray	63.500	22	32Alp Leo	1.3600	15200.	127	40165	No
18	GOM_NL__2PRFIN20091105_015831_000000532084_00032_40166_8558.N1	05-NOV-2009 01:58:31	Dark	52.500	65	Lam Vel	2.2040	4400.0	105	40166	No
19	GOM_NL__2PRFIN20091105_020054_000000442084_00032_40166_8559.N1	05-NOV-2009 02:00:54	Dark	44.000	46	Del Vel	1.9540	10600.	88	40166	No
20	GOM_NL__2PRFIN20091105_020228_000000512084_00032_40166_8560.N1	05-NOV-2009 02:02:28	Dark	51.000	70	Zet Pup	2.2460	39000.	102	40166	No
21	GOM_NL__2PRFIN20091105_020727_000000502084_00032_40166_8561.N1	05-NOV-2009 02:07:27	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	40166	No
22	GOM_NL__2PRFIN20091105_021402_000000582084_00032_40166_8562.N1	05-NOV-2009 02:14:02	Dark	57.500	108	Alp Col	2.6520	15200.	115	40166	No
23	GOM_NL__2PRFIN20091105_022512_000000582084_00032_40166_8563.N1	05-NOV-2009 02:25:12	Straylight	57.500	165	34Gam Eri	2.9500	3200.0	115	40166	No
24	GOM_NL__2PRFIN20091105_023114_000000532084_00032_40166_8564.N1	05-NOV-2009 02:31:14	Twi_and_stray	52.500	94	92Alp Cet	2.5260	3100.0	105	40166	No
25	GOM_NL__2PRFIN20091105_023544_000000392084_00032_40166_8565.N1	05-NOV-2009 02:35:44	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	40166	No
26	GOM_NL__2PRFIN20091105_024002_000000392084_00032_40166_8566.N1	05-NOV-2009 02:40:02	Bright	38.500	173	4Bet Tri	3.0040	8900.0	77	40166	No
27	GOM_NL__2PRFIN20091105_024205_000000402084_00032_40166_8567.N1	05-NOV-2009 02:42:05	Bright	40.000	73	57Gam1And	2.2600	13100.	80	40166	No
28	GOM_NL__2PRFIN20091105_024459_000000492084_00032_40166_8568.N1	05-NOV-2009 02:44:59	Bright	49.000	149	45Eps Per	2.8880	30000.	98	40166	No
29	GOM_NL__2PRFIN20091105_030304_000000422084_00032_40166_8569.N1	05-NOV-2009 03:03:04	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	40166	No
30	GOM_NL__2PRFIN20091105_030441_000000412084_00032_40166_8570.N1	05-NOV-2009 03:04:41	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	40166	No
31	GOM_NL__2PRFIN20091105_030828_000000402084_00032_40166_8571.N1	05-NOV-2009 03:08:28	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	40166	No
32	GOM_NL__2PRFIN20091105_031607_000000412084_00032_40166_8572.N1	05-NOV-2009 03:16:07	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	40166	No
33	GOM_NL__2PRFIN20091105_031732_000000572084_00032_40166_8573.N1	05-NOV-2009 03:17:32	Bright	56.500	51	41Gam1Leo	2.0100	4500.0	113	40166	No
34	GOM_NL__2PRFIN20091105_032057_000000632084_00032_40166_8574.N1	05-NOV-2009 03:20:57	Twi_and_stray	63.000	22	32Alp Leo	1.3600	15200.	126	40166	No
35	GOM_NL__2PRFIN20091105_033908_000000512084_00033_40167_8559.N1	05-NOV-2009 03:39:08	Dark	50.500	65	Lam Vel	2.2040	4400.0	101	40167	No
36	GOM_NL__2PRFIN20091105_034131_000000422084_00033_40167_8560.N1	05-NOV-2009 03:41:31	Dark	42.000	46	Del Vel	1.9540	10600.	84	40167	No
37	GOM_NL__2PRFIN20091105_034305_000000522084_00033_40167_8561.N1	05-NOV-2009 03:43:05	Dark	51.500	70	Zet Pup	2.2460	39000.	103	40167	No
38	GOM_NL__2PRFIN20091105_034804_000000492084_00033_40167_8562.N1	05-NOV-2009 03:48:04	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	40167	No
39	GOM_NL__2PRFIN20091105_035439_000000582084_00033_40167_8563.N1	05-NOV-2009 03:54:39	Dark	57.500	108	Alp Col	2.6520	15200.	115	40167	No
40	GOM_NL__2PRFIN20091105_040548_000000612084_00033_40167_8564.N1	05-NOV-2009 04:05:48	Straylight	61.000	165	34Gam Eri	2.9500	3200.0	122	40167	No
41	GOM_NL__2PRFIN20091105_041150_000000532084_00033_40167_8565.N1	05-NOV-2009 04:11:50	Twi_and_stray	52.500	94	92Alp Cet	2.5260	3100.0	105	40167	No
42	GOM_NL__2PRFIN20091105_041620_000000392084_00033_40167_8566.N1	05-NOV-2009 04:16:20	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	40167	No

43	GOM_NL__2PRFIN20091105_042038_000000382084_00033_40167_8567.N1	05-NOV-2009 04:20:38	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	40167	No
44	GOM_NL__2PRFIN20091105_042241_000000372084_00033_40167_8568.N1	05-NOV-2009 04:22:41	Bright	36.500	73	57Gam1And	2.2600	13100.	73	40167	No
45	GOM_NL__2PRFIN20091105_042534_000000502084_00033_40167_8569.N1	05-NOV-2009 04:25:34	Bright	49.500	149	45Eps Per	2.8880	30000.	99	40167	No
46	GOM_NL__2PRFIN20091105_044340_000000372084_00033_40167_8570.N1	05-NOV-2009 04:43:40	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	40167	No
47	GOM_NL__2PRFIN20091105_044517_000000382084_00033_40167_8571.N1	05-NOV-2009 04:45:17	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	40167	No
48	GOM_NL__2PRFIN20091105_044904_000000402084_00033_40167_8572.N1	05-NOV-2009 04:49:04	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	40167	No
49	GOM_NL__2PRFIN20091105_045644_000000402084_00033_40167_8573.N1	05-NOV-2009 04:56:44	Bright	40.000	96	68Del Leo	2.5600	9300.0	80	40167	No
50	GOM_NL__2PRFIN20091105_045808_000000622084_00033_40167_8574.N1	05-NOV-2009 04:58:08	Bright	62.000	51	41Gam1Leo	2.0100	4500.0	124	40167	No
51	GOM_NL__2PRFIN20091105_050134_000000642084_00033_40167_8575.N1	05-NOV-2009 05:01:34	Twi_and_stray	63.500	22	32Alp Leo	1.3600	15200.	127	40167	No
52	GOM_NL__2PRFIN20091105_051944_000000612084_00034_40168_8567.N1	05-NOV-2009 05:19:44	Dark	60.500	65	Lam Vel	2.2040	4400.0	121	40168	No
53	GOM_NL__2PRFIN20091105_052207_000000412084_00034_40168_8568.N1	05-NOV-2009 05:22:07	Dark	41.000	46	Del Vel	1.9540	10600.	82	40168	No
54	GOM_NL__2PRFIN20091105_052343_000000522084_00034_40168_8569.N1	05-NOV-2009 05:23:43	Dark	51.500	70	Zet Pup	2.2460	39000.	103	40168	No
55	GOM_NL__2PRFIN20091105_052841_000000572084_00034_40168_8570.N1	05-NOV-2009 05:28:41	Dark	56.500	2	Alp Car	-0.73600	7000.0	113	40168	No
56	GOM_NL__2PRFIN20091105_053516_000000602084_00034_40168_8571.N1	05-NOV-2009 05:35:16	Dark	60.000	108	Alp Col	2.6520	15200.	120	40168	No
57	GOM_NL__2PRFIN20091105_054624_000000602084_00034_40168_8572.N1	05-NOV-2009 05:46:24	Straylight	60.000	165	34Gam Eri	2.9500	3200.0	120	40168	No
58	GOM_NL__2PRFIN20091105_055225_000000522084_00034_40168_8573.N1	05-NOV-2009 05:52:25	Twi_and_stray	52.000	94	92Alp Cet	2.5260	3100.0	104	40168	No
59	GOM_NL__2PRFIN20091105_055656_000000392084_00034_40168_8574.N1	05-NOV-2009 05:56:56	Bright	39.000	105	6Bet Ari	2.6450	8900.0	78	40168	No
60	GOM_NL__2PRFIN20091105_060114_000000372084_00034_40168_8575.N1	05-NOV-2009 06:01:14	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	40168	No
61	GOM_NL__2PRFIN20091105_060316_000000372084_00034_40168_8576.N1	05-NOV-2009 06:03:16	Bright	37.000	73	57Gam1And	2.2600	13100.	74	40168	No
62	GOM_NL__2PRFIN20091105_060610_000000492084_00034_40168_8577.N1	05-NOV-2009 06:06:10	Bright	48.500	149	45Eps Per	2.8880	30000.	97	40168	No
63	GOM_NL__2PRFIN20091105_062416_000000422084_00034_40168_8578.N1	05-NOV-2009 06:24:16	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	40168	No
64	GOM_NL__2PRFIN20091105_062553_000000392084_00034_40168_8579.N1	05-NOV-2009 06:25:53	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	40168	No
65	GOM_NL__2PRFIN20091105_062940_000000382084_00034_40168_8580.N1	05-NOV-2009 06:29:40	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	40168	No
66	GOM_NL__2PRFIN20091105_063720_000000602084_00034_40168_8581.N1	05-NOV-2009 06:37:20	Bright	60.000	96	68Del Leo	2.5600	9300.0	120	40168	No
67	GOM_NL__2PRFIN20091105_064210_000000662084_00034_40168_8582.N1	05-NOV-2009 06:42:10	Twi_and_stray	65.500	22	32Alp Leo	1.3600	15200.	131	40168	No
68	GOM_NL__2PRFIN20091105_070021_000000602084_00035_40169_8578.N1	05-NOV-2009 07:00:21	Dark	60.000	65	Lam Vel	2.2040	4400.0	120	40169	No
69	GOM_NL__2PRFIN20091105_070244_000000402084_00035_40169_8579.N1	05-NOV-2009 07:02:44	Dark	39.500	46	Del Vel	1.9540	10600.	79	40169	No
70	GOM_NL__2PRFIN20091105_070420_000000522084_00035_40169_8580.N1	05-NOV-2009 07:04:20	Dark	52.000	70	Zet Pup	2.2460	39000.	104	40169	No
71	GOM_NL__2PRFIN20091105_070917_000000492084_00035_40169_8581.N1	05-NOV-2009 07:09:17	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	40169	No
72	GOM_NL__2PRFIN20091105_071553_000000582084_00035_40169_8582.N1	05-NOV-2009 07:15:53	Dark	58.000	108	Alp Col	2.6520	15200.	116	40169	No
73	GOM_NL__2PRFIN20091105_072700_000000592084_00035_40169_8583.N1	05-NOV-2009 07:27:00	Straylight	59.000	165	34Gam Eri	2.9500	3200.0	118	40169	No
74	GOM_NL__2PRFIN20091105_073301_000000512084_00035_40169_8584.N1	05-NOV-2009 07:33:01	Twi_and_stray	50.500	94	92Alp Cet	2.5260	3100.0	101	40169	No
75	GOM_NL__2PRFIN20091105_073732_000000382084_00035_40169_8585.N1	05-NOV-2009 07:37:32	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	40169	No
76	GOM_NL__2PRFIN20091105_074149_000000392084_00035_40169_8586.N1	05-NOV-2009 07:41:49	Bright	38.500	173	4Bet Tri	3.0040	8900.0	77	40169	No
77	GOM_NL__2PRFIN20091105_074352_000000382084_00035_40169_8587.N1	05-NOV-2009 07:43:52	Bright	37.500	73	57Gam1And	2.2600	13100.	75	40169	No
78	GOM_NL__2PRFIN20091105_074644_000000502084_00035_40169_8588.N1	05-NOV-2009 07:46:44	Bright	49.500	149	45Eps Per	2.8880	30000.	99	40169	No
79	GOM_NL__2PRFIN20091105_080452_000000412084_00035_40169_8589.N1	05-NOV-2009 08:04:52	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	40169	No
80	GOM_NL__2PRFIN20091105_080629_000000412084_00035_40169_8590.N1	05-NOV-2009 08:06:29	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	40169	No
81	GOM_NL__2PRFIN20091105_081016_000000392084_00035_40169_8591.N1	05-NOV-2009 08:10:16	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	40169	No
82	GOM_NL__2PRFIN20091105_081756_000000422084_00035_40169_8592.N1	05-NOV-2009 08:17:56	Bright	41.500	96	68Del Leo	2.5600	9300.0	83	40169	No
83	GOM_NL__2PRFIN20091105_082247_000000672084_00035_40169_8593.N1	05-NOV-2009 08:22:47	Twi_and_stray	66.500	22	32Alp Leo	1.3600	15200.	133	40169	No
84	GOM_NL__2PRFIN20091105_084058_000000482084_00036_40170_8589.N1	05-NOV-2009 08:40:58	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	40170	No
85	GOM_NL__2PRFIN20091105_084321_000000472084_00036_40170_8590.N1	05-NOV-2009 08:43:21	Dark	47.000	46	Del Vel	1.9540	10600.	94	40170	No
86	GOM_NL__2PRFIN20091105_084457_000000502084_00036_40170_8591.N1	05-NOV-2009 08:44:57	Dark	50.000	70	Zet Pup	2.2460	39000.	100	40170	No
87	GOM_NL__2PRFIN20091105_084954_000000622084_00036_40170_8592.N1	05-NOV-2009 08:49:54	Dark	62.000	2	Alp Car	-0.73600	7000.0	124	40170	No
88	GOM_NL__2PRFIN20091105_085629_000000602084_00036_40170_8593.N1	05-NOV-2009 08:56:29	Dark	59.500	108	Alp Col	2.6520	15200.	119	40170	No
89	GOM_NL__2PRFIN20091105_090736_000000622084_00036_40170_8594.N1	05-NOV-2009 09:07:36	Straylight	62.000	165	34Gam Eri	2.9500	3200.0	124	40170	No
90	GOM_NL__2PRFIN20091105_091337_000000532084_00036_40170_8595.N1	05-NOV-2009 09:13:37	Twi_and_stray	52.500	94	92Alp Cet	2.5260	3100.0	105	40170	No
91	GOM_NL__2PRFIN20091105_091808_000000382084_00036_40170_8596.N1	05-NOV-2009 09:18:08	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	40170	No
92	GOM_NL__2PRFIN20091105_092225_000000382084_00036_40170_8597.N1	05-NOV-2009 09:22:25	Bright	38.000	173	4Bet Tri	3.0040	8900.0	76	40170	No
93	GOM_NL__2PRFIN20091105_092428_000000382084_00036_40170_8598.N1	05-NOV-2009 09:24:28	Bright	38.000	73	57Gam1And	2.2600	13100.	76	40170	No
94	GOM_NL__2PRFIN20091105_092719_000000502084_00036_40170_8599.N1	05-NOV-2009 09:27:19	Bright	49.500	149	45Eps Per	2.8880	30000.	99	40170	No
95	GOM_NL__2PRFIN20091105_094528_000000422084_00036_40170_8600.N1	05-NOV-2009 09:45:28	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	40170	No
96	GOM_NL__2PRFIN20091105_094705_000000372084_00036_40170_8601.N1	05-NOV-2009 09:47:05	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	40170	No
97	GOM_NL__2PRFIN20091105_095052_000000412084_00036_40170_8602.N1	05-NOV-2009 09:50:52	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	40170	No
98	GOM_NL__2PRFIN20091105_095833_000000412084_00036_40170_8603.N1	05-NOV-2009 09:58:33	Bright	41.000	96	68Del Leo	2.5600	9300.0	82	40170	No
99	GOM_NL__2PRFIN20091105_095958_000000532084_00036_40170_8604.N1	05-NOV-2009 09:59:58	Bright	52.500	51	41Gam1Leo	2.0100	4500.0	105	40170	No
100	GOM_NL__2PRFIN20091105_100324_000000672084_00036_40170_8605.N1	05-NOV-2009 10:03:24	Twi_and_stray	66.500	22	32Alp Leo	1.3600	15200.	133	40170	No
101	GOM_NL__2PRFIN20091105_102135_000000482084_00037_40171_8603.N1	05-NOV-2009 10:21:35	Dark	47.500	65	Lam Vel	2.2040	4400.0	95	40171	No

102	GOM_NL__2PRFIN20091105_102357_000000492084_00037_40171_8604.N1	05-NOV-2009 10:23:57	Dark	49.000	46	Del Vel	1.9540	10600.	98	40171	No
103	GOM_NL__2PRFIN20091105_102534_000000502084_00037_40171_8605.N1	05-NOV-2009 10:25:34	Dark	50.000	70	Zet Pup	2.2460	39000.	100	40171	No
104	GOM_NL__2PRFIN20091105_103031_000000482084_00037_40171_8606.N1	05-NOV-2009 10:30:31	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	40171	No
105	GOM_NL__2PRFIN20091105_103706_000000592084_00037_40171_8607.N1	05-NOV-2009 10:37:06	Dark	59.000	108	Alp Col	2.6520	15200.	118	40171	No
106	GOM_NL__2PRFIN20091105_104812_000000592084_00037_40171_8608.N1	05-NOV-2009 10:48:12	Straylight	58.500	165	34Gam Eri	2.9500	3200.0	117	40171	No
107	GOM_NL__2PRFIN20091105_105412_000000532084_00037_40171_8609.N1	05-NOV-2009 10:54:12	Twi_and_stray	53.000	94	92Alp Cet	2.5260	3100.0	106	40171	No
108	GOM_NL__2PRFIN20091105_105844_000000392084_00037_40171_8610.N1	05-NOV-2009 10:58:44	Bright	38.500	105	6Bet Ari	2.6450	8900.0	77	40171	No
109	GOM_NL__2PRFIN20091105_110300_000000372084_00037_40171_8611.N1	05-NOV-2009 11:03:00	Bright	37.000	173	4Bet Tri	3.0040	8900.0	74	40171	No
110	GOM_NL__2PRFIN20091105_110503_000000392084_00037_40171_8612.N1	05-NOV-2009 11:05:03	Bright	38.500	73	57Gam1And	2.2600	13100.	77	40171	No
111	GOM_NL__2PRFIN20091105_110754_000000492084_00037_40171_8613.N1	05-NOV-2009 11:07:54	Bright	48.500	149	45Eps Per	2.8880	30000.	97	40171	No
112	GOM_NL__2PRFIN20091105_112603_000000422084_00037_40171_8614.N1	05-NOV-2009 11:26:03	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	40171	No
113	GOM_NL__2PRFIN20091105_112741_000000382084_00037_40171_8615.N1	05-NOV-2009 11:27:41	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	40171	No
114	GOM_NL__2PRFIN20091105_113127_000000432084_00037_40171_8616.N1	05-NOV-2009 11:31:27	Bright	42.500	174	52Psi UMa	3.0040	4400.0	85	40171	No
115	GOM_NL__2PRFIN20091105_113908_000000412084_00037_40171_8617.N1	05-NOV-2009 11:39:08	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	40171	No
116	GOM_NL__2PRFIN20091105_114034_000000562084_00037_40171_8618.N1	05-NOV-2009 11:40:34	Bright	55.500	51	41Gam1Leo	2.0100	4500.0	111	40171	No
117	GOM_NL__2PRFIN20091105_114400_000000622084_00037_40171_8619.N1	05-NOV-2009 11:44:00	Twi_and_stray	61.500	22	32Alp Leo	1.3600	15200.	123	40171	No
118	GOM_NL__2PRFIN20091105_120212_000000512084_00038_40172_8636.N1	05-NOV-2009 12:02:12	Dark	50.500	65	Lam Vel	2.2040	4400.0	101	40172	No
119	GOM_NL__2PRFIN20091105_120434_000000452084_00038_40172_8637.N1	05-NOV-2009 12:04:34	Dark	45.000	46	Del Vel	1.9540	10600.	90	40172	No
120	GOM_NL__2PRFIN20091105_120611_000000502084_00038_40172_8638.N1	05-NOV-2009 12:06:11	Dark	50.000	70	Zet Pup	2.2460	39000.	100	40172	No
121	GOM_NL__2PRFIN20091105_121107_000000472084_00038_40172_8639.N1	05-NOV-2009 12:11:07	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	40172	No
122	GOM_NL__2PRFIN20091105_121743_000000582084_00038_40172_8640.N1	05-NOV-2009 12:17:43	Dark	58.000	108	Alp Col	2.6520	15200.	116	40172	No
123	GOM_NL__2PRFIN20091105_122848_000000612084_00038_40172_8641.N1	05-NOV-2009 12:28:48	Straylight	60.500	165	34Gam Eri	2.9500	3200.0	121	40172	No
124	GOM_NL__2PRFIN20091105_123448_000000512084_00038_40172_8642.N1	05-NOV-2009 12:34:48	Twi_and_stray	51.000	94	92Alp Cet	2.5260	3100.0	102	40172	No
125	GOM_NL__2PRFIN20091105_123919_000000382084_00038_40172_8643.N1	05-NOV-2009 12:39:19	Bright	38.000	105	6Bet Ari	2.6450	8900.0	76	40172	No
126	GOM_NL__2PRFIN20091105_124336_000000392084_00038_40172_8644.N1	05-NOV-2009 12:43:36	Bright	38.500	173	4Bet Tri	3.0040	8900.0	77	40172	No
127	GOM_NL__2PRFIN20091105_124539_000000402084_00038_40172_8645.N1	05-NOV-2009 12:45:39	Bright	40.000	73	57Gam1And	2.2600	13100.	80	40172	No
128	GOM_NL__2PRFIN20091105_124829_000000502084_00038_40172_8646.N1	05-NOV-2009 12:48:29	Bright	50.000	149	45Eps Per	2.8880	30000.	100	40172	No
129	GOM_NL__2PRFIN20091105_130639_000000392084_00038_40172_8647.N1	05-NOV-2009 13:06:39	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	40172	No
130	GOM_NL__2PRFIN20091105_130816_000000402084_00038_40172_8648.N1	05-NOV-2009 13:08:16	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	40172	No
131	GOM_NL__2PRFIN20091105_131203_000000412084_00038_40172_8649.N1	05-NOV-2009 13:12:03	Bright	41.000	174	52Psi UMa	3.0040	4400.0	82	40172	No
132	GOM_NL__2PRFIN20091105_131945_000000602084_00038_40172_8650.N1	05-NOV-2009 13:19:45	Bright	60.000	96	68Del Leo	2.5600	9300.0	120	40172	No
133	GOM_NL__2PRFIN20091105_132437_000000642084_00038_40172_8651.N1	05-NOV-2009 13:24:37	Twi_and_stray	64.000	22	32Alp Leo	1.3600	15200.	128	40172	No
134	GOM_NL__2PRFIN20091105_134249_000000622084_00039_40173_8648.N1	05-NOV-2009 13:42:49	Dark	62.000	65	Lam Vel	2.2040	4400.0	124	40173	No
135	GOM_NL__2PRFIN20091105_134510_000000412084_00039_40173_8649.N1	05-NOV-2009 13:45:10	Dark	41.000	46	Del Vel	1.9540	10600.	82	40173	No
136	GOM_NL__2PRFIN20091105_134648_000000532084_00039_40173_8650.N1	05-NOV-2009 13:46:48	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40173	No
137	GOM_NL__2PRFIN20091105_135144_000000532084_00039_40173_8651.N1	05-NOV-2009 13:51:44	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	40173	No
138	GOM_NL__2PRFIN20091105_135820_000000592084_00039_40173_8652.N1	05-NOV-2009 13:58:20	Dark	59.000	108	Alp Col	2.6520	15200.	118	40173	No
139	GOM_NL__2PRFIN20091105_140924_000000572084_00039_40173_8653.N1	05-NOV-2009 14:09:24	Straylight	57.000	165	34Gam Eri	2.9500	3200.0	114	40173	No
140	GOM_NL__2PRFIN20091105_141524_000000522084_00039_40173_8654.N1	05-NOV-2009 14:15:24	Twi_and_stray	51.500	94	92Alp Cet	2.5260	3100.0	103	40173	No
141	GOM_NL__2PRFIN20091105_141959_000000352084_00039_40173_8655.N1	05-NOV-2009 14:19:59	Bright	35.000	105	6Bet Ari	2.6450	8900.0	70	40173	No
142	GOM_NL__2PRFIN20091105_142412_000000382084_00039_40173_8656.N1	05-NOV-2009 14:24:12	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	40173	No
143	GOM_NL__2PRFIN20091105_142615_000000392084_00039_40173_8657.N1	05-NOV-2009 14:26:15	Bright	38.500	73	57Gam1And	2.2600	13100.	77	40173	No
144	GOM_NL__2PRFIN20091105_142905_000000502084_00039_40173_8658.N1	05-NOV-2009 14:29:05	Bright	50.000	149	45Eps Per	2.8880	30000.	100	40173	No
145	GOM_NL__2PRFIN20091105_144715_000000402084_00039_40173_8659.N1	05-NOV-2009 14:47:15	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	40173	No
146	GOM_NL__2PRFIN20091105_144852_000000402084_00039_40173_8660.N1	05-NOV-2009 14:48:52	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	40173	No
147	GOM_NL__2PRFIN20091105_145240_000000402084_00039_40173_8661.N1	05-NOV-2009 14:52:40	Bright	39.500	174	52Psi UMa	3.0040	4400.0	79	40173	No
148	GOM_NL__2PRFIN20091105_150021_000000602084_00039_40173_8662.N1	05-NOV-2009 15:00:21	Bright	60.000	96	68Del Leo	2.5600	9300.0	120	40173	No
149	GOM_NL__2PRFIN20091105_150514_000000662084_00039_40173_8663.N1	05-NOV-2009 15:05:14	Twi_and_stray	66.000	22	32Alp Leo	1.3600	15200.	132	40173	No
150	GOM_NL__2PRFIN20091105_152326_000000472084_00040_40174_8659.N1	05-NOV-2009 15:23:26	Dark	47.000	65	Lam Vel	2.2040	4400.0	94	40174	No
151	GOM_NL__2PRFIN20091105_152547_000000432084_00040_40174_8660.N1	05-NOV-2009 15:25:47	Dark	43.000	46	Del Vel	1.9540	10600.	86	40174	No
152	GOM_NL__2PRFIN20091105_152725_000000522084_00040_40174_8661.N1	05-NOV-2009 15:27:25	Dark	52.000	70	Zet Pup	2.2460	39000.	104	40174	No
153	GOM_NL__2PRFIN20091105_153221_000000572084_00040_40174_8662.N1	05-NOV-2009 15:32:21	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	40174	No
154	GOM_NL__2PRFIN20091105_153857_000000602084_00040_40174_8663.N1	05-NOV-2009 15:38:57	Dark	60.000	108	Alp Col	2.6520	15200.	120	40174	No
155	GOM_NL__2PRFIN20091105_155000_000000602084_00040_40174_8664.N1	05-NOV-2009 15:50:00	Straylight	59.500	165	34Gam Eri	2.9500	3200.0	119	40174	No
156	GOM_NL__2PRFIN20091105_155600_000000492084_00040_40174_8665.N1	05-NOV-2009 15:56:00	Twi_and_stray	49.000	94	92Alp Cet	2.5260	3100.0	98	40174	No
157	GOM_NL__2PRFIN20091105_160123_000000402084_00040_40174_8666.N1	05-NOV-2009 16:01:23	Bright	40.000	50	13Alp Ari	2.0070	4250.0	80	40174	No
158	GOM_NL__2PRFIN20091105_160448_000000382084_00040_40174_8667.N1	05-NOV-2009 16:04:48	Bright	37.500	173	4Bet Tri	3.0040	8900.0	75	40174	No
159	GOM_NL__2PRFIN20091105_160651_000000392084_00040_40174_8668.N1	05-NOV-2009 16:06:51	Bright	39.000	73	57Gam1And	2.2600	13100.	78	40174	No
160	GOM_NL__2PRFIN20091105_160940_000000502084_00040_40174_8669.N1	05-NOV-2009 16:09:40	Bright	49.500	149	45Eps Per	2.8880	30000.	99	40174	No

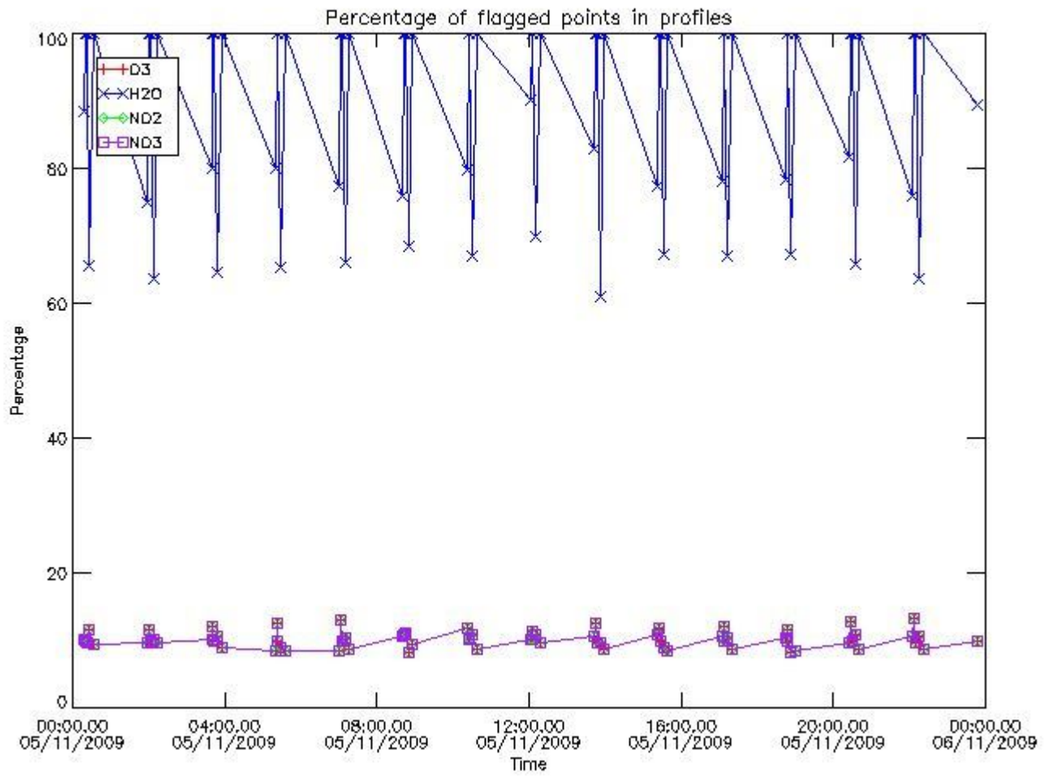
161	GOM_NL__2PRFIN20091105_162751_000000402084_00040_40174_8670.N1	05-NOV-2009 16:27:51	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	40174	No
162	GOM_NL__2PRFIN20091105_162928_000000412084_00040_40174_8671.N1	05-NOV-2009 16:29:28	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	40174	No
163	GOM_NL__2PRFIN20091105_163316_000000382084_00040_40174_8672.N1	05-NOV-2009 16:33:16	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	40174	No
164	GOM_NL__2PRFIN20091105_164057_000000482084_00040_40174_8673.N1	05-NOV-2009 16:40:57	Bright	47.500	96	68Del Leo	2.5600	9300.0	95	40174	No
165	GOM_NL__2PRFIN20091105_164550_000000672084_00040_40174_8674.N1	05-NOV-2009 16:45:50	Twi_and_stray	66.500	22	32Alp Leo	1.3600	15200.	133	40174	No
166	GOM_NL__2PRFIN20091105_170403_000000492084_00041_40175_8670.N1	05-NOV-2009 17:04:03	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	40175	No
167	GOM_NL__2PRFIN20091105_170624_000000432084_00041_40175_8671.N1	05-NOV-2009 17:06:24	Dark	42.500	46	Del Vel	1.9540	10600.	85	40175	No
168	GOM_NL__2PRFIN20091105_170803_000000522084_00041_40175_8672.N1	05-NOV-2009 17:08:03	Dark	51.500	70	Zet Pup	2.2460	39000.	103	40175	No
169	GOM_NL__2PRFIN20091105_171257_000000492084_00041_40175_8673.N1	05-NOV-2009 17:12:57	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	40175	No
170	GOM_NL__2PRFIN20091105_171933_000000602084_00041_40175_8674.N1	05-NOV-2009 17:19:33	Dark	59.500	108	Alp Col	2.6520	15200.	119	40175	No
171	GOM_NL__2PRFIN20091105_173036_000000592084_00041_40175_8675.N1	05-NOV-2009 17:30:36	Straylight	59.000	165	34Gam Eri	2.9500	3200.0	118	40175	No
172	GOM_NL__2PRFIN20091105_173636_000000512084_00041_40175_8676.N1	05-NOV-2009 17:36:36	Twi_and_stray	50.500	94	92Alp Cet	2.5260	3100.0	101	40175	No
173	GOM_NL__2PRFIN20091105_174159_000000402084_00041_40175_8677.N1	05-NOV-2009 17:41:59	Bright	40.000	50	13Alp Ari	2.0070	4250.0	80	40175	No
174	GOM_NL__2PRFIN20091105_174524_000000362084_00041_40175_8678.N1	05-NOV-2009 17:45:24	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	40175	No
175	GOM_NL__2PRFIN20091105_174727_000000392084_00041_40175_8679.N1	05-NOV-2009 17:47:27	Bright	38.500	73	57Gam1And	2.2600	13100.	77	40175	No
176	GOM_NL__2PRFIN20091105_175015_000000502084_00041_40175_8680.N1	05-NOV-2009 17:50:15	Bright	49.500	149	45Eps Per	2.8880	30000.	99	40175	No
177	GOM_NL__2PRFIN20091105_180827_000000422084_00041_40175_8681.N1	05-NOV-2009 18:08:27	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	40175	No
178	GOM_NL__2PRFIN20091105_181004_000000402084_00041_40175_8682.N1	05-NOV-2009 18:10:04	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	40175	No
179	GOM_NL__2PRFIN20091105_181351_000000422084_00041_40175_8683.N1	05-NOV-2009 18:13:51	Bright	41.500	174	52Psi UMa	3.0040	4400.0	83	40175	No
180	GOM_NL__2PRFIN20091105_182134_000000422084_00041_40175_8684.N1	05-NOV-2009 18:21:34	Bright	41.500	96	68Del Leo	2.5600	9300.0	83	40175	No
181	GOM_NL__2PRFIN20091105_182627_000000642084_00041_40175_8685.N1	05-NOV-2009 18:26:27	Twi_and_stray	63.500	22	32Alp Leo	1.3600	15200.	127	40175	No
182	GOM_NL__2PRFIN20091105_184439_000000492084_00042_40176_8681.N1	05-NOV-2009 18:44:39	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	40176	No
183	GOM_NL__2PRFIN20091105_184700_000000442084_00042_40176_8682.N1	05-NOV-2009 18:47:00	Dark	44.000	46	Del Vel	1.9540	10600.	88	40176	No
184	GOM_NL__2PRFIN20091105_184840_000000522084_00042_40176_8683.N1	05-NOV-2009 18:48:40	Dark	51.500	70	Zet Pup	2.2460	39000.	103	40176	No
185	GOM_NL__2PRFIN20091105_185334_000000622084_00042_40176_8684.N1	05-NOV-2009 18:53:34	Dark	61.500	2	Alp Car	-0.73600	7000.0	123	40176	No
186	GOM_NL__2PRFIN20091105_190010_000000612084_00042_40176_8685.N1	05-NOV-2009 19:00:10	Dark	60.500	108	Alp Col	2.6520	15200.	121	40176	No
187	GOM_NL__2PRFIN20091105_191112_000000592084_00042_40176_8686.N1	05-NOV-2009 19:11:12	Straylight	59.000	165	34Gam Eri	2.9500	3200.0	118	40176	No
188	GOM_NL__2PRFIN20091105_191711_000000522084_00042_40176_8687.N1	05-NOV-2009 19:17:11	Twi_and_stray	52.000	94	92Alp Cet	2.5260	3100.0	104	40176	No
189	GOM_NL__2PRFIN20091105_192235_000000412084_00042_40176_8688.N1	05-NOV-2009 19:22:35	Bright	41.000	50	13Alp Ari	2.0070	4250.0	82	40176	No
190	GOM_NL__2PRFIN20091105_192600_000000362084_00042_40176_8689.N1	05-NOV-2009 19:26:00	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	40176	No
191	GOM_NL__2PRFIN20091105_192803_000000382084_00042_40176_8690.N1	05-NOV-2009 19:28:03	Bright	38.000	73	57Gam1And	2.2600	13100.	76	40176	No
192	GOM_NL__2PRFIN20091105_193050_000000492084_00042_40176_8691.N1	05-NOV-2009 19:30:50	Bright	49.000	149	45Eps Per	2.8880	30000.	98	40176	No
193	GOM_NL__2PRFIN20091105_194903_000000442084_00042_40176_8692.N1	05-NOV-2009 19:49:03	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	40176	No
194	GOM_NL__2PRFIN20091105_195040_000000412084_00042_40176_8693.N1	05-NOV-2009 19:50:40	Bright	41.000	82	48Bet UMa	2.3650	10600.	82	40176	No
195	GOM_NL__2PRFIN20091105_195427_000000412084_00042_40176_8694.N1	05-NOV-2009 19:54:27	Bright	40.500	174	52Psi UMa	3.0040	4400.0	81	40176	No
196	GOM_NL__2PRFIN20091105_200210_000000412084_00042_40176_8695.N1	05-NOV-2009 20:02:10	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	40176	No
197	GOM_NL__2PRFIN20091105_200336_000000542084_00042_40176_8696.N1	05-NOV-2009 20:03:36	Bright	53.500	51	41Gam1Leo	2.0100	4500.0	107	40176	No
198	GOM_NL__2PRFIN20091105_200704_000000692084_00042_40176_8697.N1	05-NOV-2009 20:07:04	Twi_and_stray	68.500	22	32Alp Leo	1.3600	15200.	137	40176	No
199	GOM_NL__2PRFIN20091105_202516_000000532084_00043_40177_8692.N1	05-NOV-2009 20:25:16	Dark	52.500	65	Lam Vel	2.2040	4400.0	105	40177	No
200	GOM_NL__2PRFIN20091105_202737_000000402084_00043_40177_8693.N1	05-NOV-2009 20:27:37	Dark	40.000	46	Del Vel	1.9540	10600.	80	40177	No
201	GOM_NL__2PRFIN20091105_202917_000000522084_00043_40177_8694.N1	05-NOV-2009 20:29:17	Dark	52.000	70	Zet Pup	2.2460	39000.	104	40177	No
202	GOM_NL__2PRFIN20091105_203411_000000602084_00043_40177_8695.N1	05-NOV-2009 20:34:11	Dark	60.000	2	Alp Car	-0.73600	7000.0	120	40177	No
203	GOM_NL__2PRFIN20091105_204047_000000582084_00043_40177_8696.N1	05-NOV-2009 20:40:47	Dark	58.000	108	Alp Col	2.6520	15200.	116	40177	No
204	GOM_NL__2PRFIN20091105_205148_000000582084_00043_40177_8697.N1	05-NOV-2009 20:51:48	Straylight	57.500	165	34Gam Eri	2.9500	3200.0	115	40177	No
205	GOM_NL__2PRFIN20091105_205747_000000512084_00043_40177_8698.N1	05-NOV-2009 20:57:47	Twi_and_stray	51.000	94	92Alp Cet	2.5260	3100.0	102	40177	No
206	GOM_NL__2PRFIN20091105_210311_000000412084_00043_40177_8699.N1	05-NOV-2009 21:03:11	Bright	41.000	50	13Alp Ari	2.0070	4250.0	82	40177	No
207	GOM_NL__2PRFIN20091105_210635_000000362084_00043_40177_8700.N1	05-NOV-2009 21:06:35	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	40177	No
208	GOM_NL__2PRFIN20091105_210838_000000552084_00043_40177_8701.N1	05-NOV-2009 21:08:38	Bright	55.000	73	57Gam1And	2.2600	13100.	110	40177	No
209	GOM_NL__2PRFIN20091105_211125_000000472084_00043_40177_8702.N1	05-NOV-2009 21:11:25	Bright	47.000	149	45Eps Per	2.8880	30000.	94	40177	No
210	GOM_NL__2PRFIN20091105_212939_000000432084_00043_40177_8703.N1	05-NOV-2009 21:29:39	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	40177	No
211	GOM_NL__2PRFIN20091105_213116_000000412084_00043_40177_8704.N1	05-NOV-2009 21:31:16	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	40177	No
212	GOM_NL__2PRFIN20091105_213503_000000402084_00043_40177_8705.N1	05-NOV-2009 21:35:03	Bright	40.000	174	52Psi UMa	3.0040	4400.0	80	40177	No
213	GOM_NL__2PRFIN20091105_214246_000000412084_00043_40177_8706.N1	05-NOV-2009 21:42:46	Bright	40.500	96	68Del Leo	2.5600	9300.0	81	40177	No
214	GOM_NL__2PRFIN20091105_214413_000000752084_00043_40177_8707.N1	05-NOV-2009 21:44:13	Bright	75.000	51	41Gam1Leo	2.0100	4500.0	150	40177	No
215	GOM_NL__2PRFIN20091105_214741_000000642084_00043_40177_8708.N1	05-NOV-2009 21:47:41	Twi_and_stray	64.000	22	32Alp Leo	1.3600	15200.	128	40177	No
216	GOM_NL__2PRFIN20091105_220553_000000482084_00044_40178_8703.N1	05-NOV-2009 22:05:53	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	40178	No
217	GOM_NL__2PRFIN20091105_220814_000000422084_00044_40178_8704.N1	05-NOV-2009 22:08:14	Dark	42.000	46	Del Vel	1.9540	10600.	84	40178	No
218	GOM_NL__2PRFIN20091105_220954_000000542084_00044_40178_8705.N1	05-NOV-2009 22:09:54	Dark	53.500	70	Zet Pup	2.2460	39000.	107	40178	No
219	GOM_NL__2PRFIN20091105_221448_000000492084_00044_40178_8706.N1	05-NOV-2009 22:14:48	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	40178	No

220	GOM_NL__2PRFIN20091105_222124_000000592084_00044_40178_8707.N1	05-NOV-2009 22:21:24	Dark	58.500	108	Alp Col	2.6520	15200.	117	40178	No
221	GOM_NL__2PRFIN20091105_223224_000000572084_00044_40178_8708.N1	05-NOV-2009 22:32:24	Straylight	57.000	165	34Gam Eri	2.9500	3200.0	114	40178	No
222	GOM_NL__2PRFIN20091105_223823_000000532084_00044_40178_8709.N1	05-NOV-2009 22:38:23	Twi_and_stray	53.000	94	92Alp Cet	2.5260	3100.0	106	40178	No
223	GOM_NL__2PRFIN20091105_224346_000000412084_00044_40178_8710.N1	05-NOV-2009 22:43:46	Bright	41.000	50	13Alp Ari	2.0070	4250.0	82	40178	No
224	GOM_NL__2PRFIN20091105_224711_000000382084_00044_40178_8711.N1	05-NOV-2009 22:47:11	Bright	38.000	173	4Bet Tri	3.0040	8900.0	76	40178	No
225	GOM_NL__2PRFIN20091105_224914_000000392084_00044_40178_8712.N1	05-NOV-2009 22:49:14	Bright	38.500	73	57Gam1And	2.2600	13100.	77	40178	No
226	GOM_NL__2PRFIN20091105_225200_000000492084_00044_40178_8713.N1	05-NOV-2009 22:52:00	Bright	49.000	149	45Eps Per	2.8880	30000.	98	40178	No
227	GOM_NL__2PRFIN20091105_231014_000000432084_00044_40178_8714.N1	05-NOV-2009 23:10:14	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	40178	No
228	GOM_NL__2PRFIN20091105_231151_000000422084_00044_40178_8715.N1	05-NOV-2009 23:11:51	Bright	42.000	82	48Bet UMa	2.3650	10600.	84	40178	No
229	GOM_NL__2PRFIN20091105_231539_000000382084_00044_40178_8716.N1	05-NOV-2009 23:15:39	Bright	37.500	174	52Psi UMa	3.0040	4400.0	75	40178	No
230	GOM_NL__2PRFIN20091105_232322_000000572084_00044_40178_8717.N1	05-NOV-2009 23:23:22	Bright	56.500	96	68Del Leo	2.5600	9300.0	113	40178	No
231	GOM_NL__2PRFIN20091105_232449_000000752084_00044_40178_8718.N1	05-NOV-2009 23:24:49	Bright	75.000	51	41Gam1Leo	2.0100	4500.0	150	40178	No
232	GOM_NL__2PRFIN20091105_232817_000000662084_00044_40178_8719.N1	05-NOV-2009 23:28:17	Twi_and_stray	65.500	22	32Alp Leo	1.3600	15200.	131	40178	No
233	GOM_NL__2PRFIN20091105_234630_000000622084_00045_40179_8714.N1	05-NOV-2009 23:46:30	Dark	61.500	65	Lam Vel	2.2040	4400.0	123	40179	No

3. Quality information per product

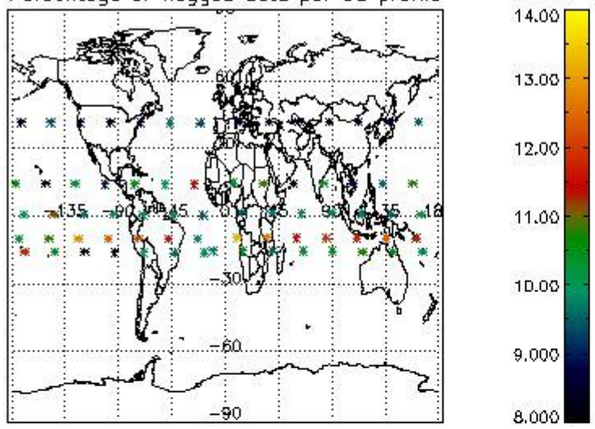
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

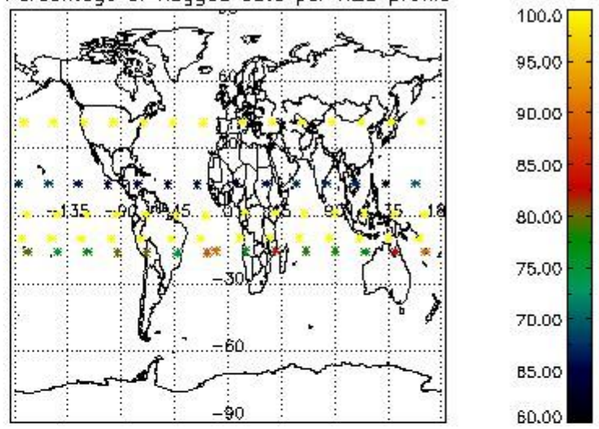


3.2 Plot quality information per product (world map)

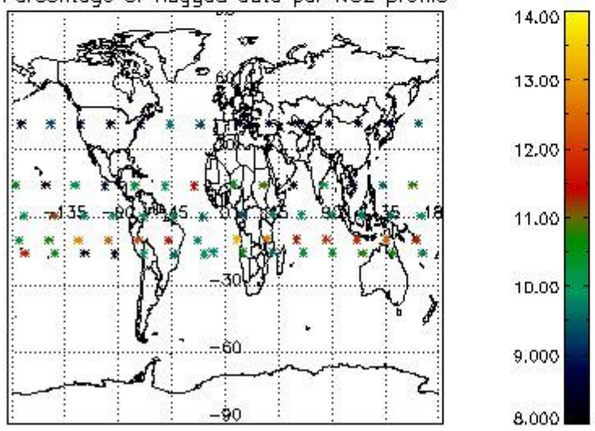
Percentage of flagged data per O3 profile



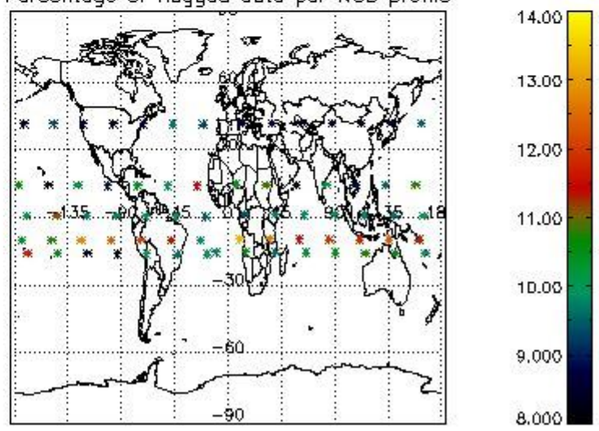
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

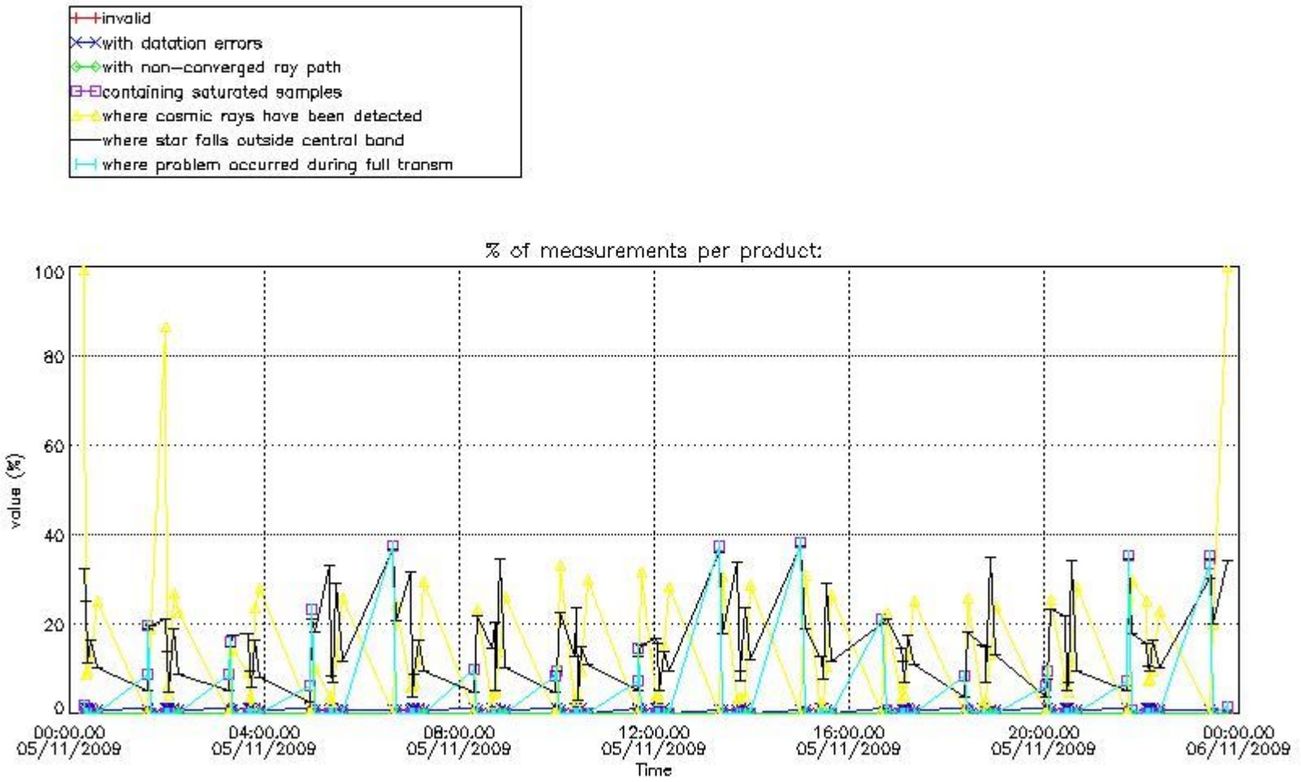


4. Level 1 quality information per product

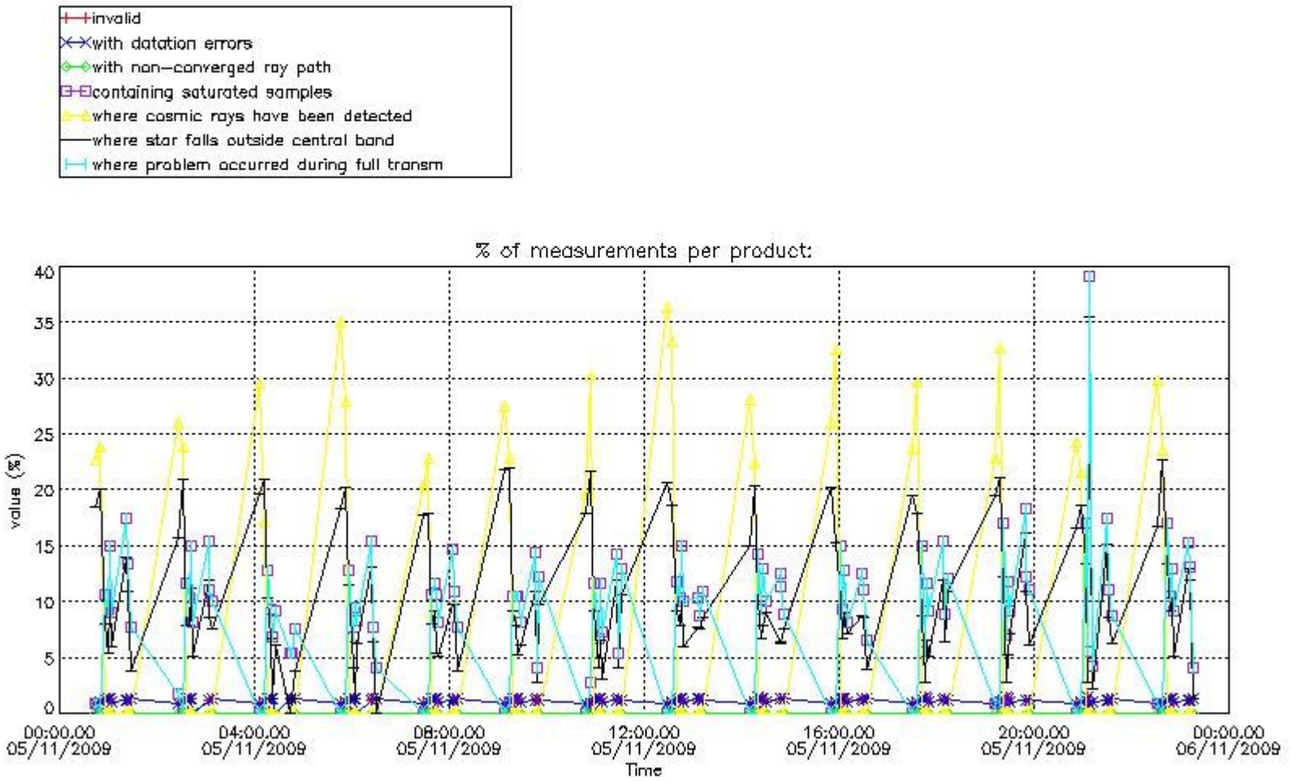
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

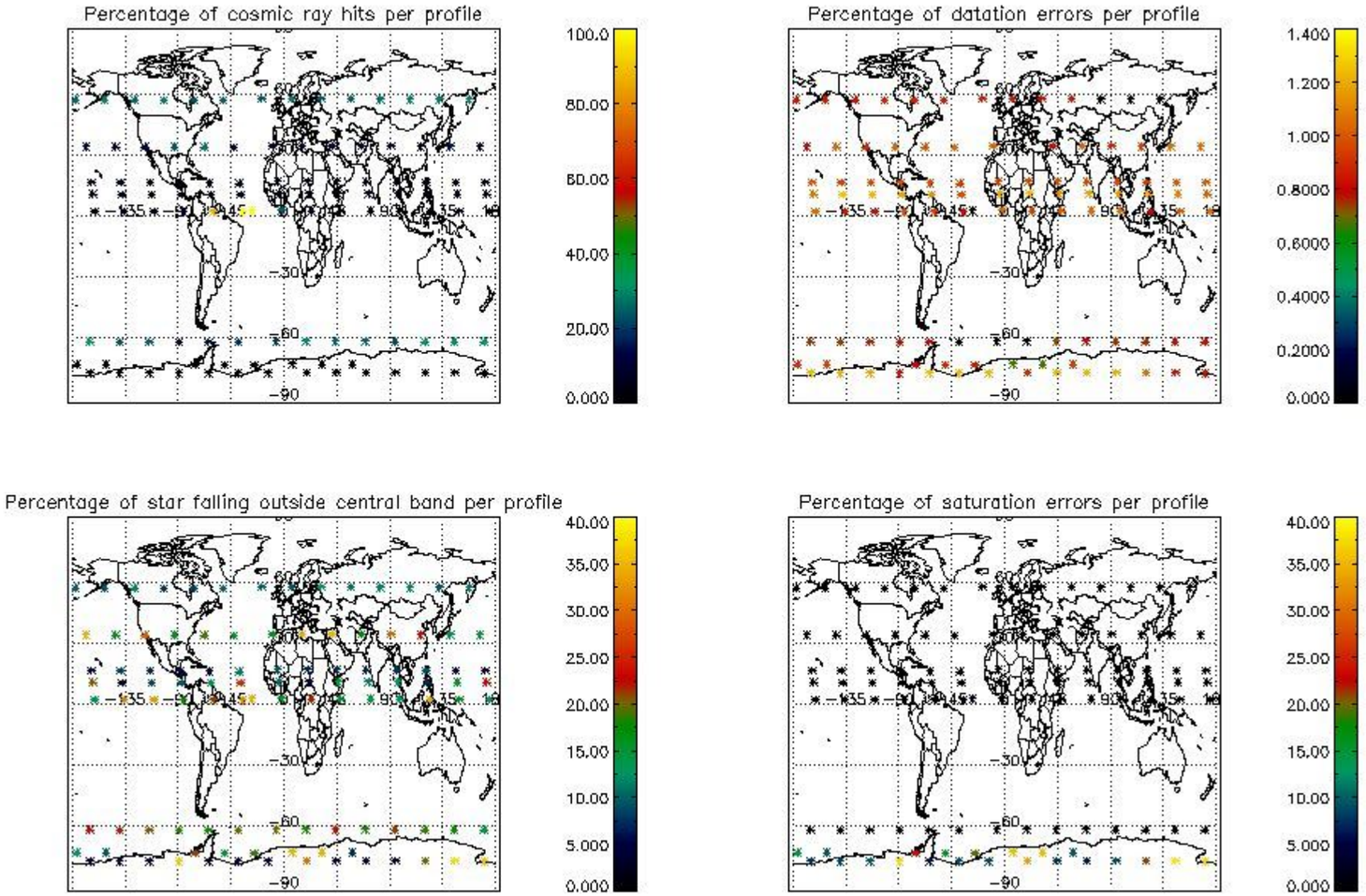


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



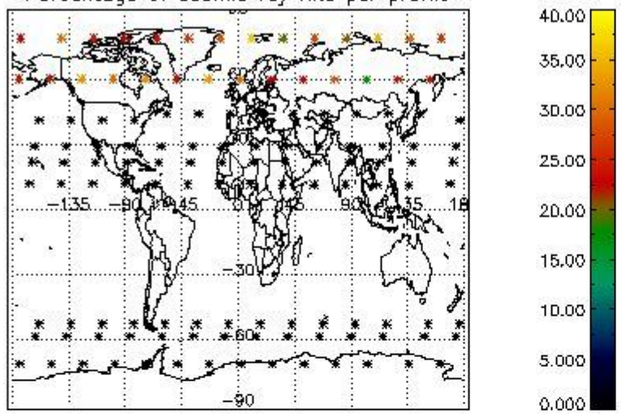
4.2 Plot quality information per product comming from level 1b processing (world map)

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

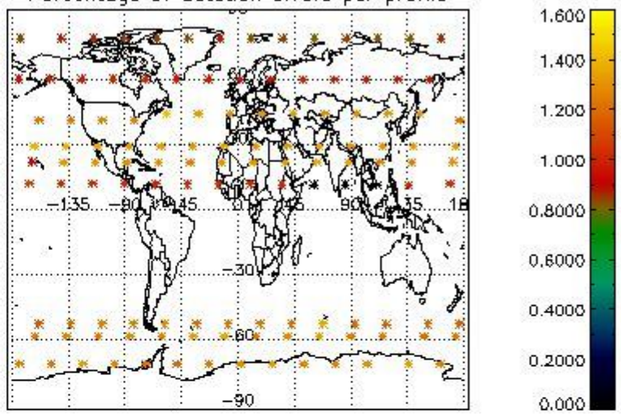


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

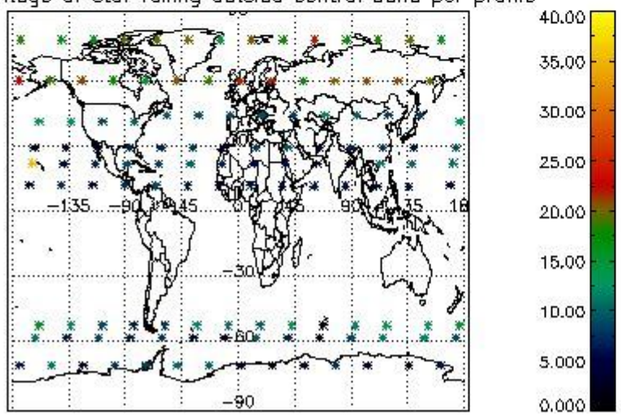
Percentage of cosmic ray hits per profile



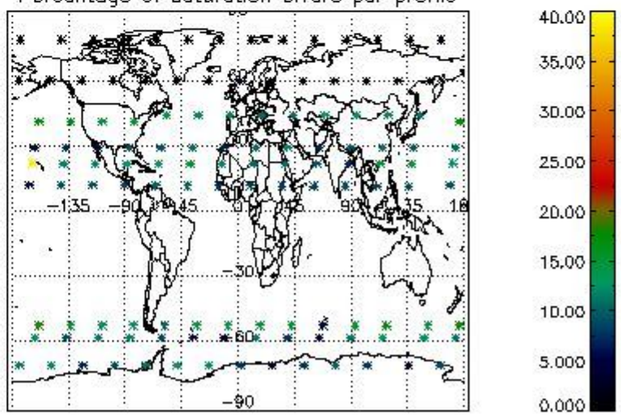
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

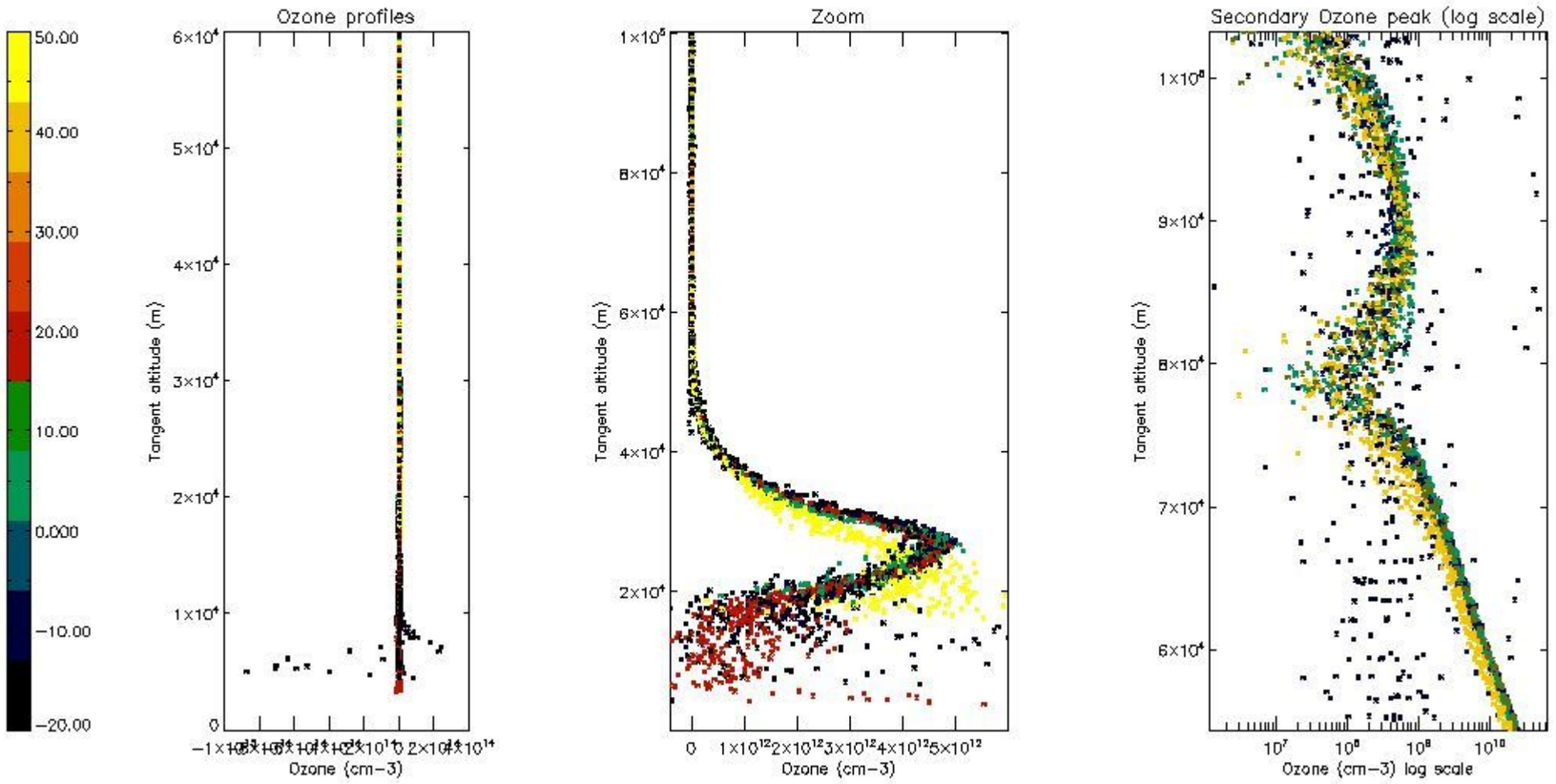
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	16
STD < 5	11

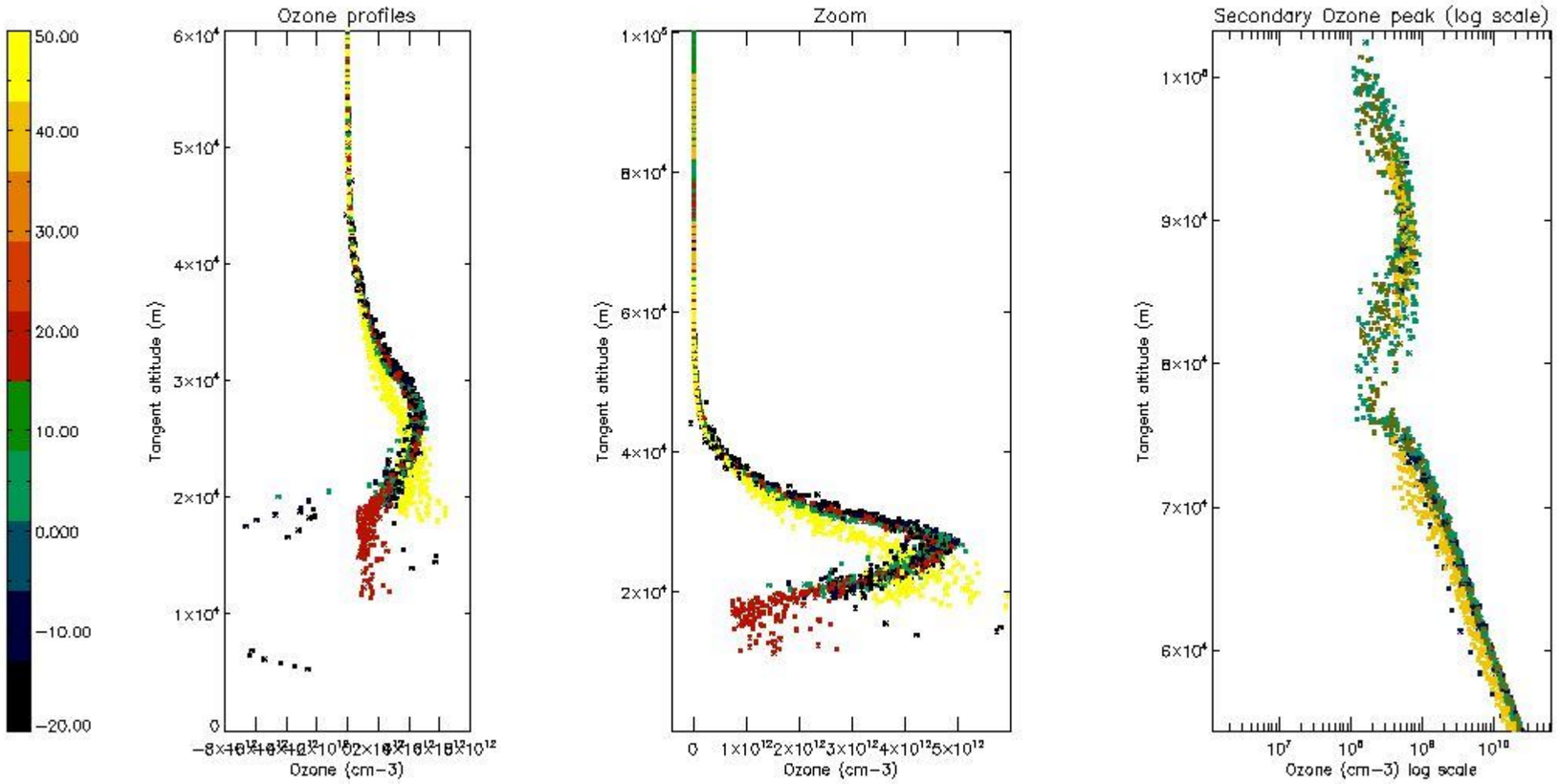
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



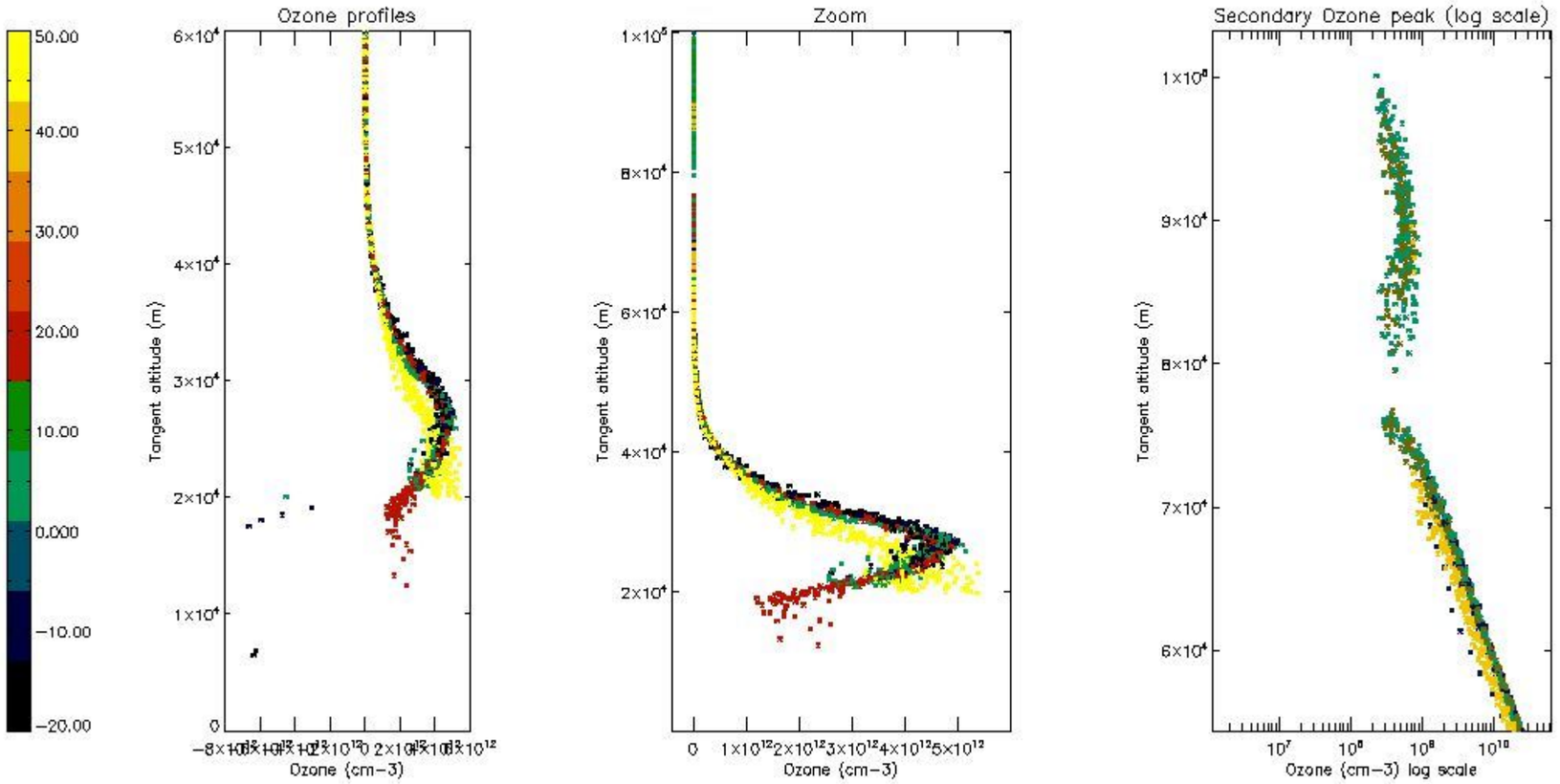
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



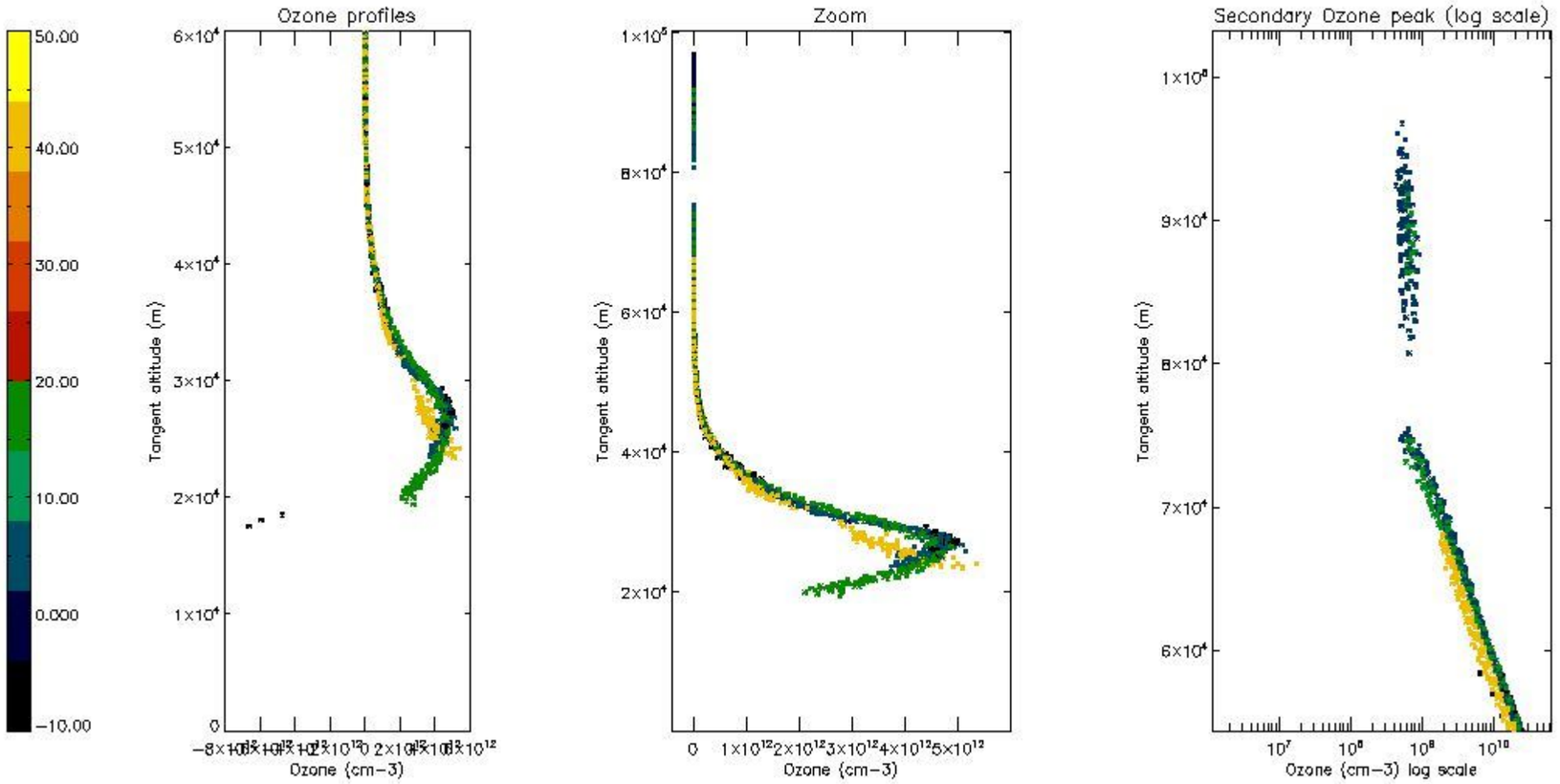
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



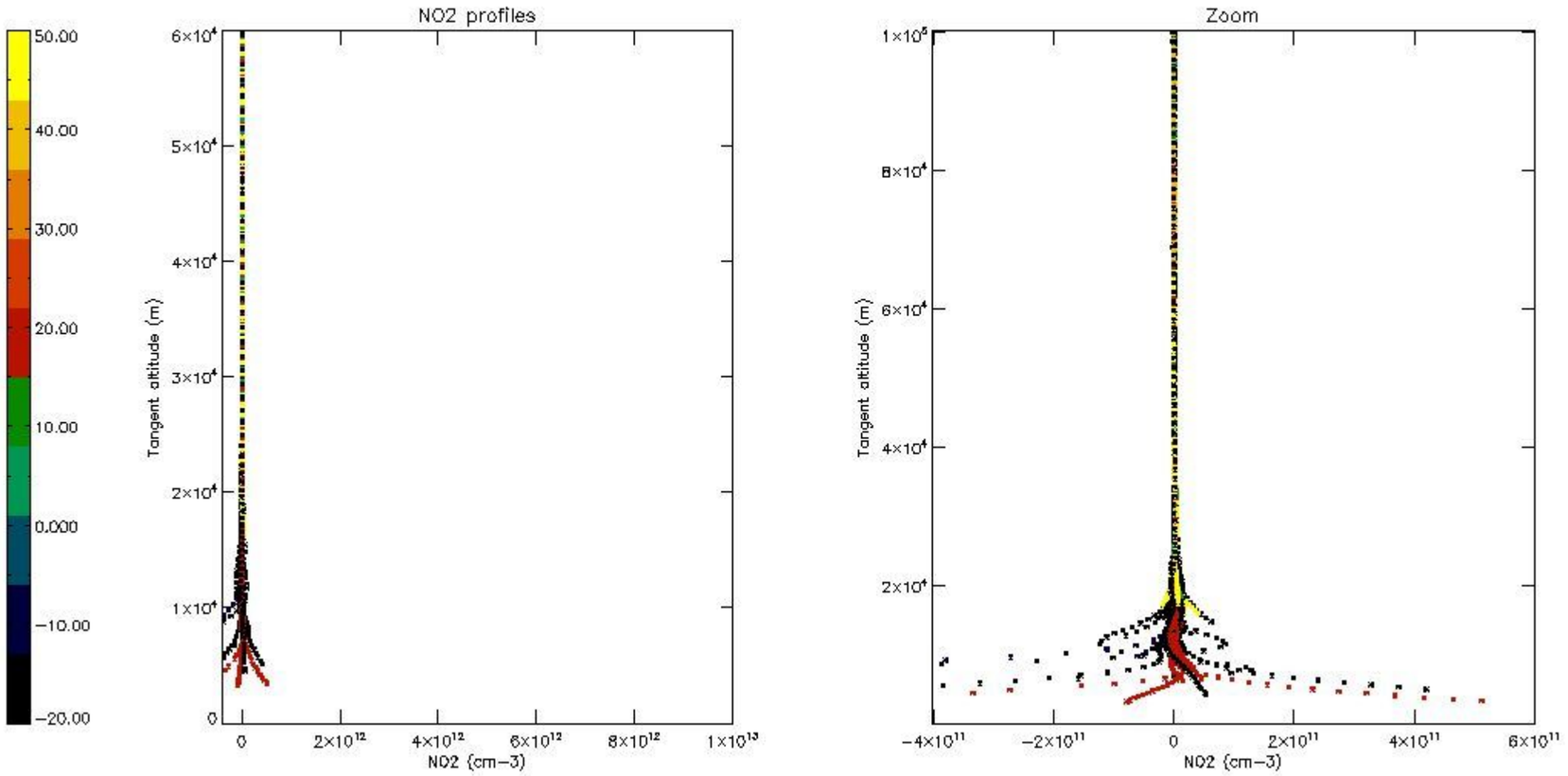
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



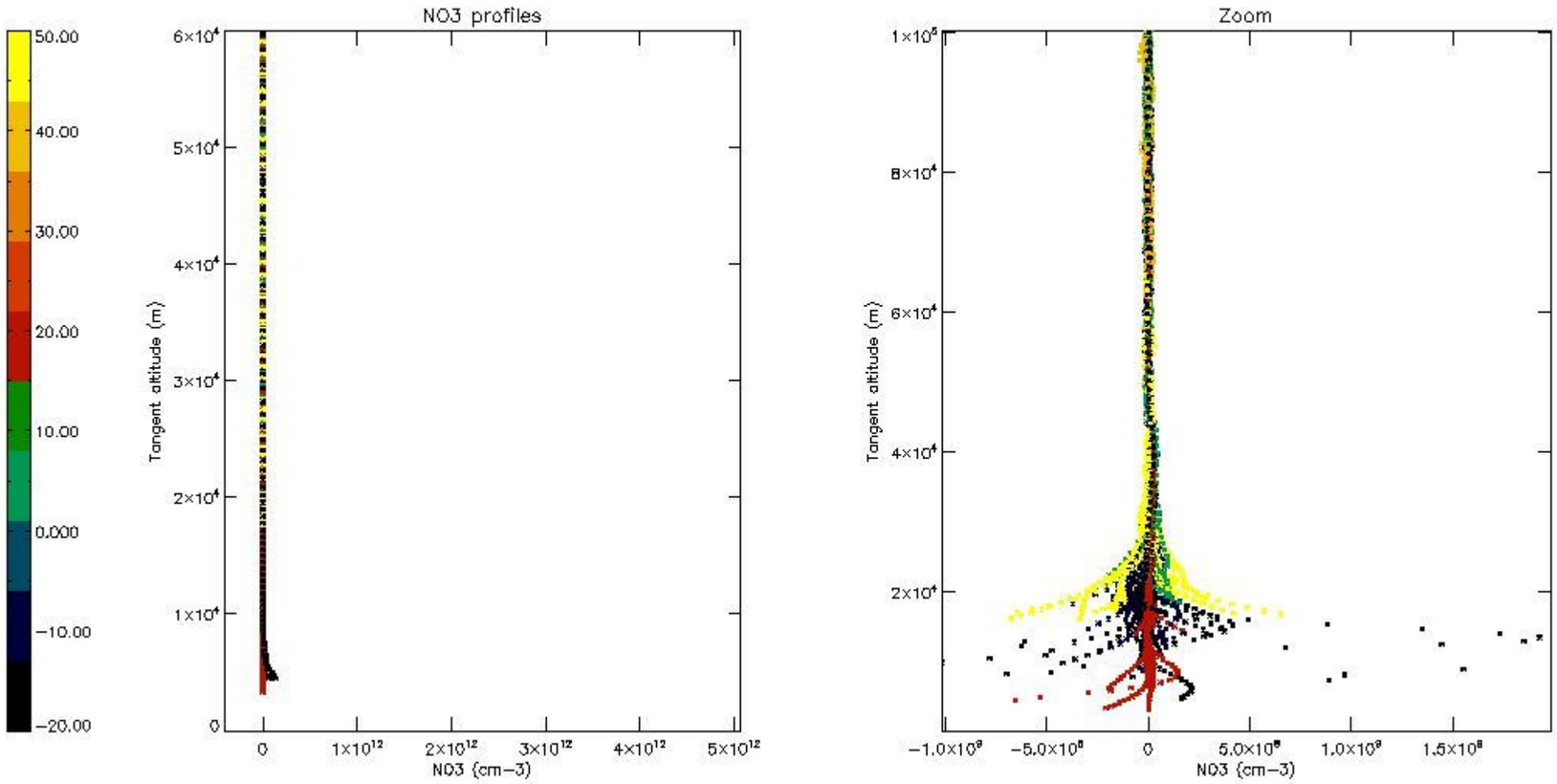
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



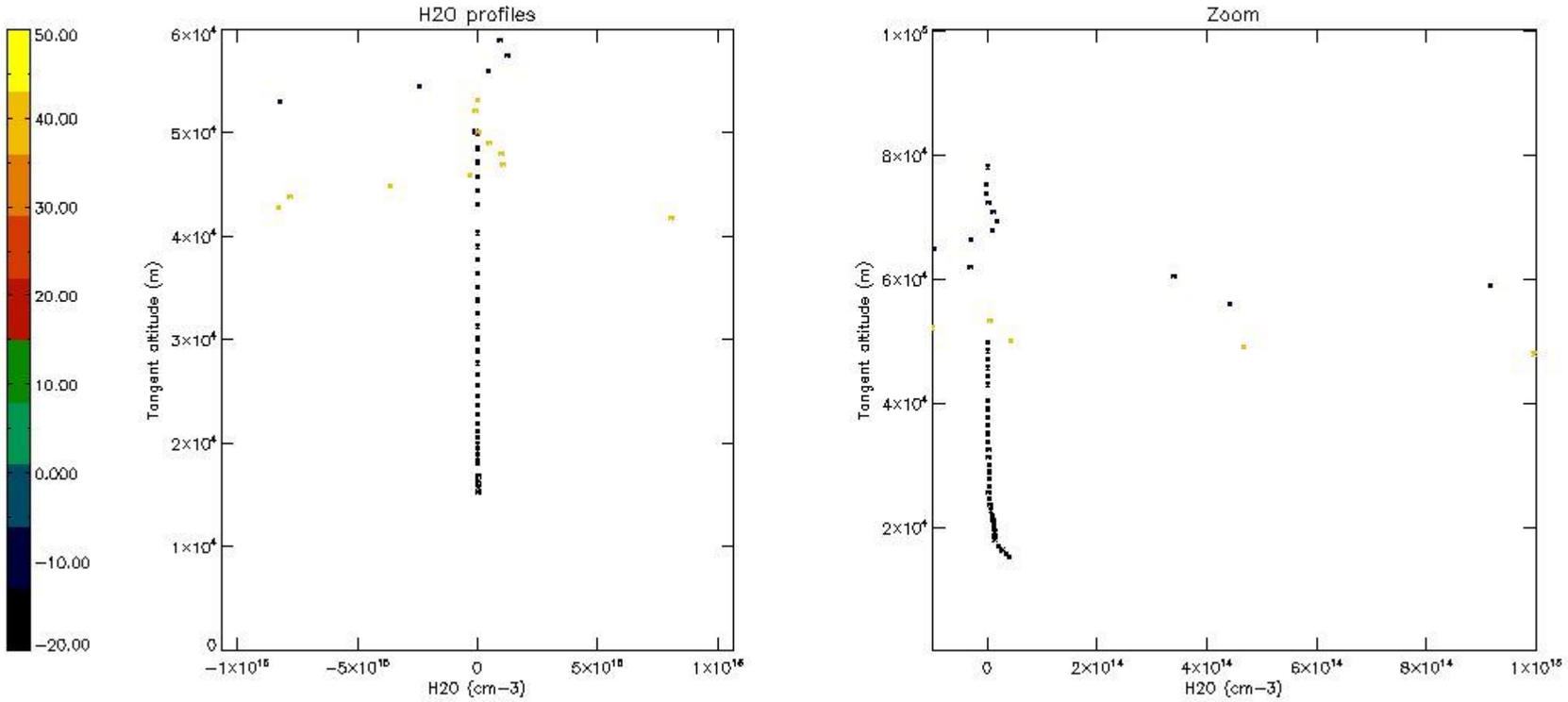
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

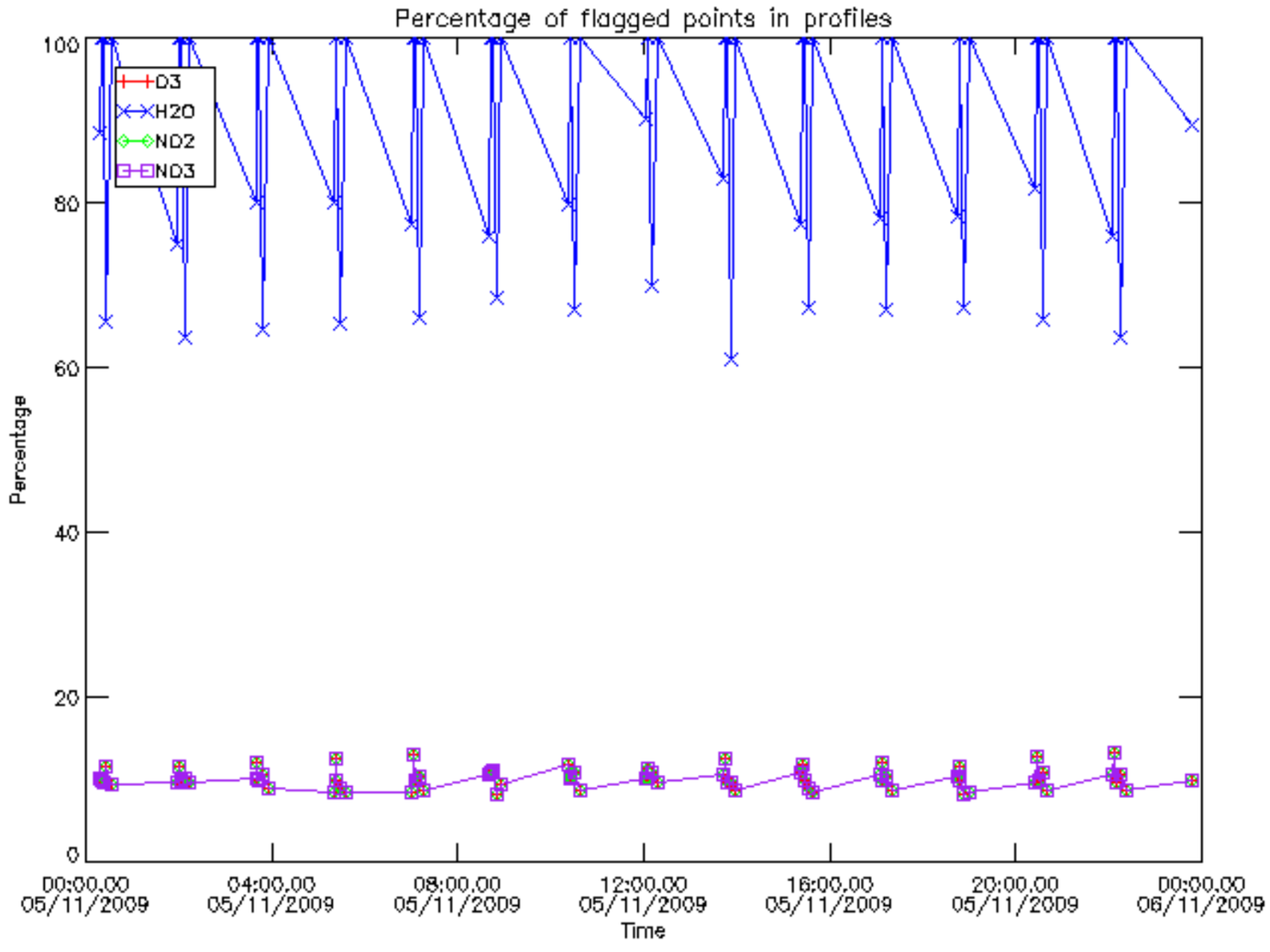
The colorbar represents the latitude.



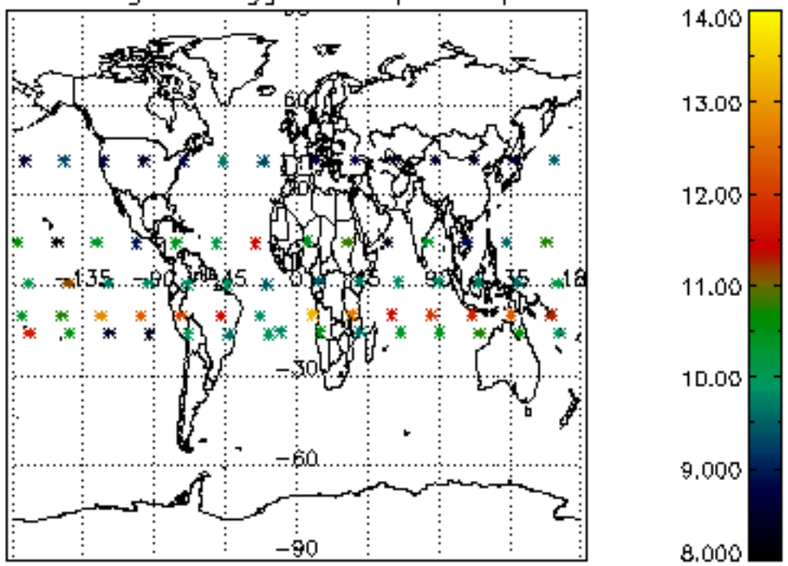
6. Auxiliary Data Files used for the production reported in section 2

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

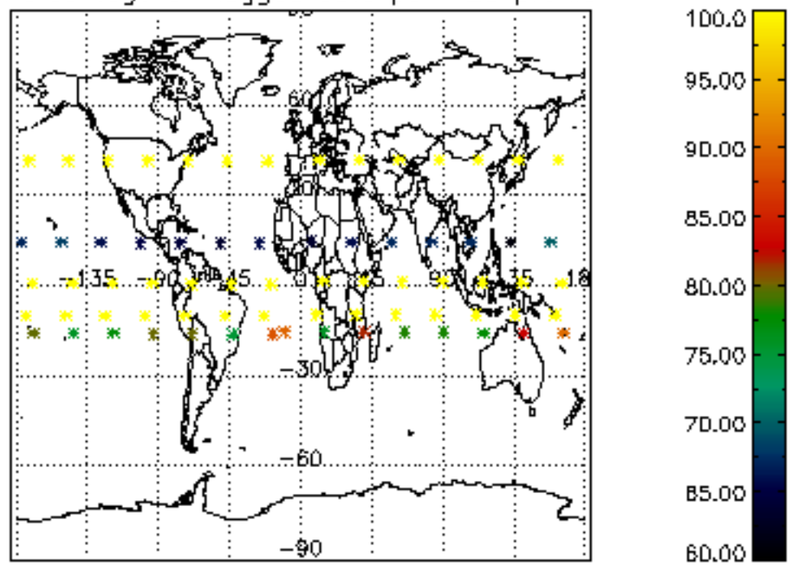
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	05-NOV-2009 00:17:54
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-NOV-2009 00:17:54
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-NOV-2009 00:17:54


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
05/11/2009
04:00.00
05/11/2009
08:00.00
05/11/2009
12:00.00
05/11/2009
16:00.00
05/11/2009
20:00.00
05/11/2009
00:00.00
06/11/2009
Time

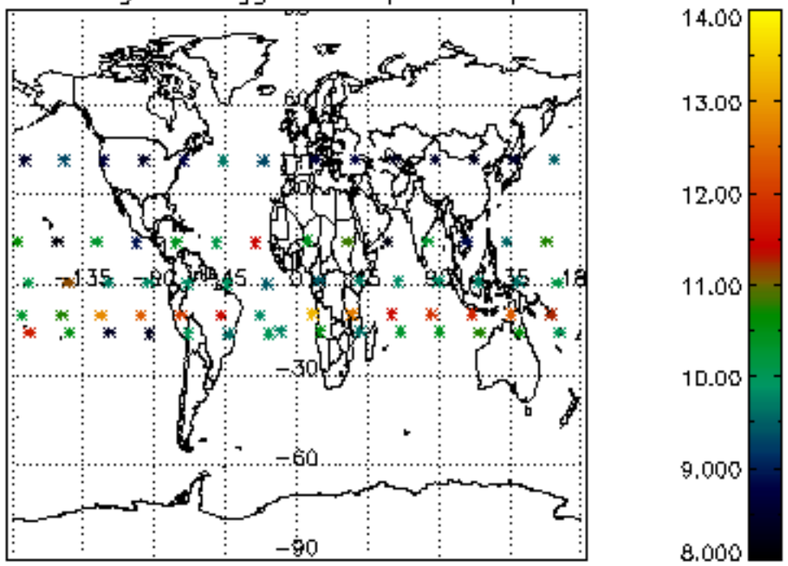
Percentage of flagged data per O3 profile



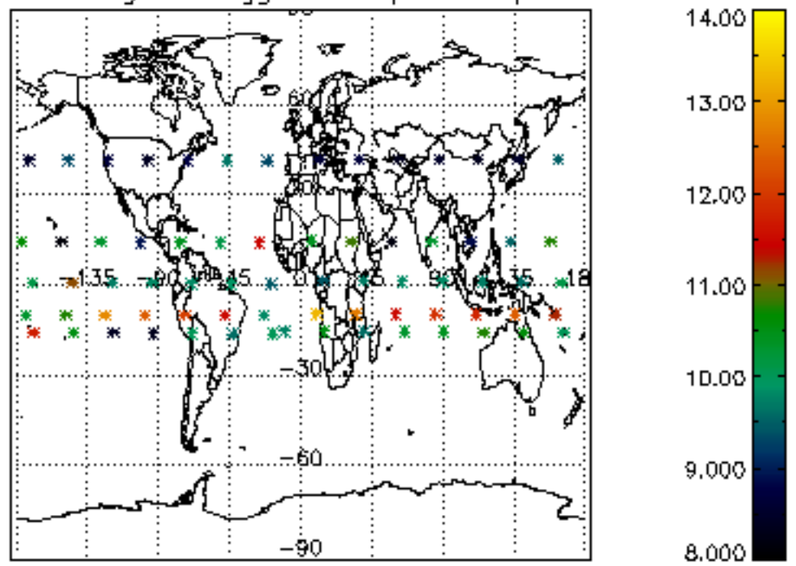
Percentage of flagged data per H2O profile

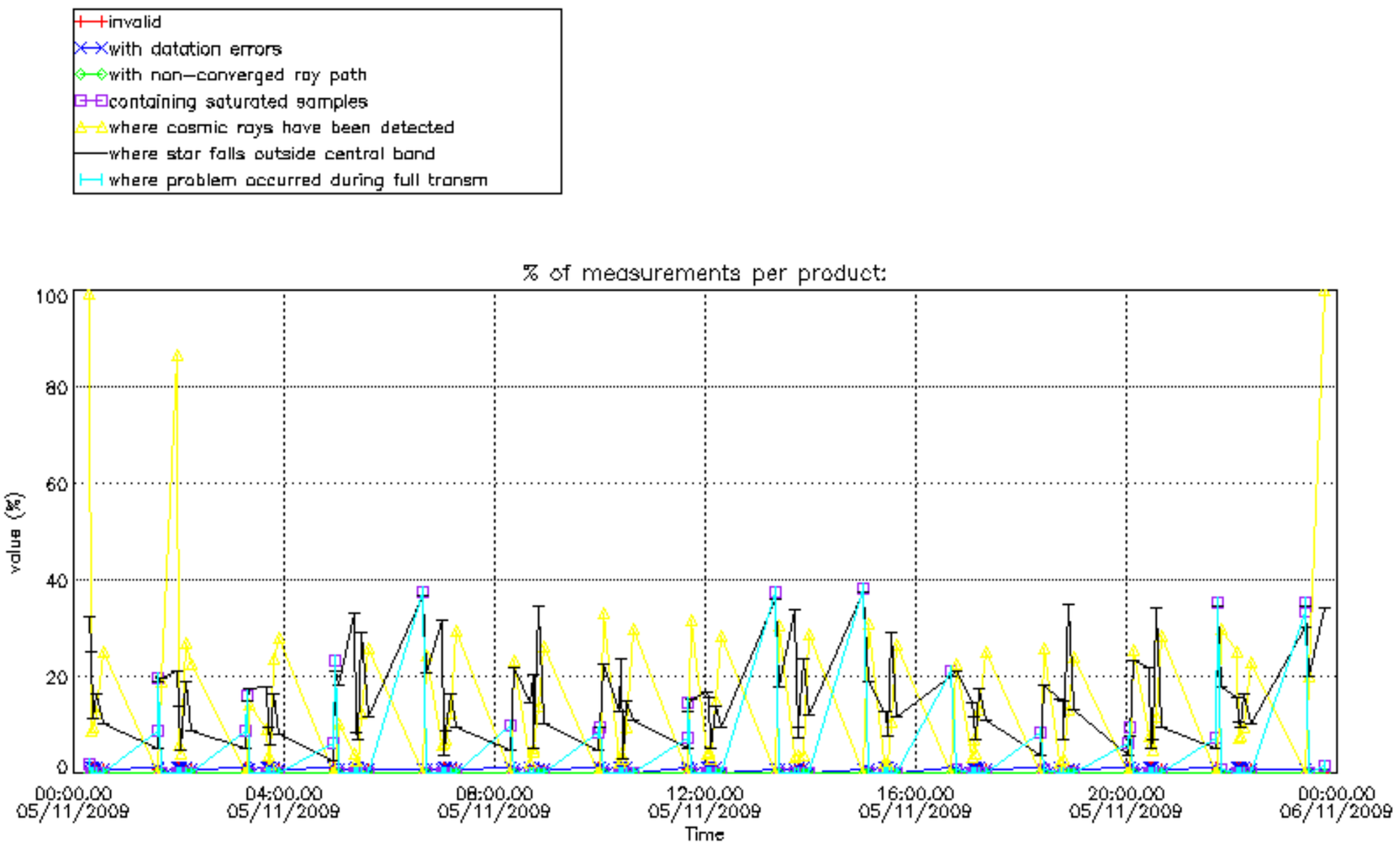


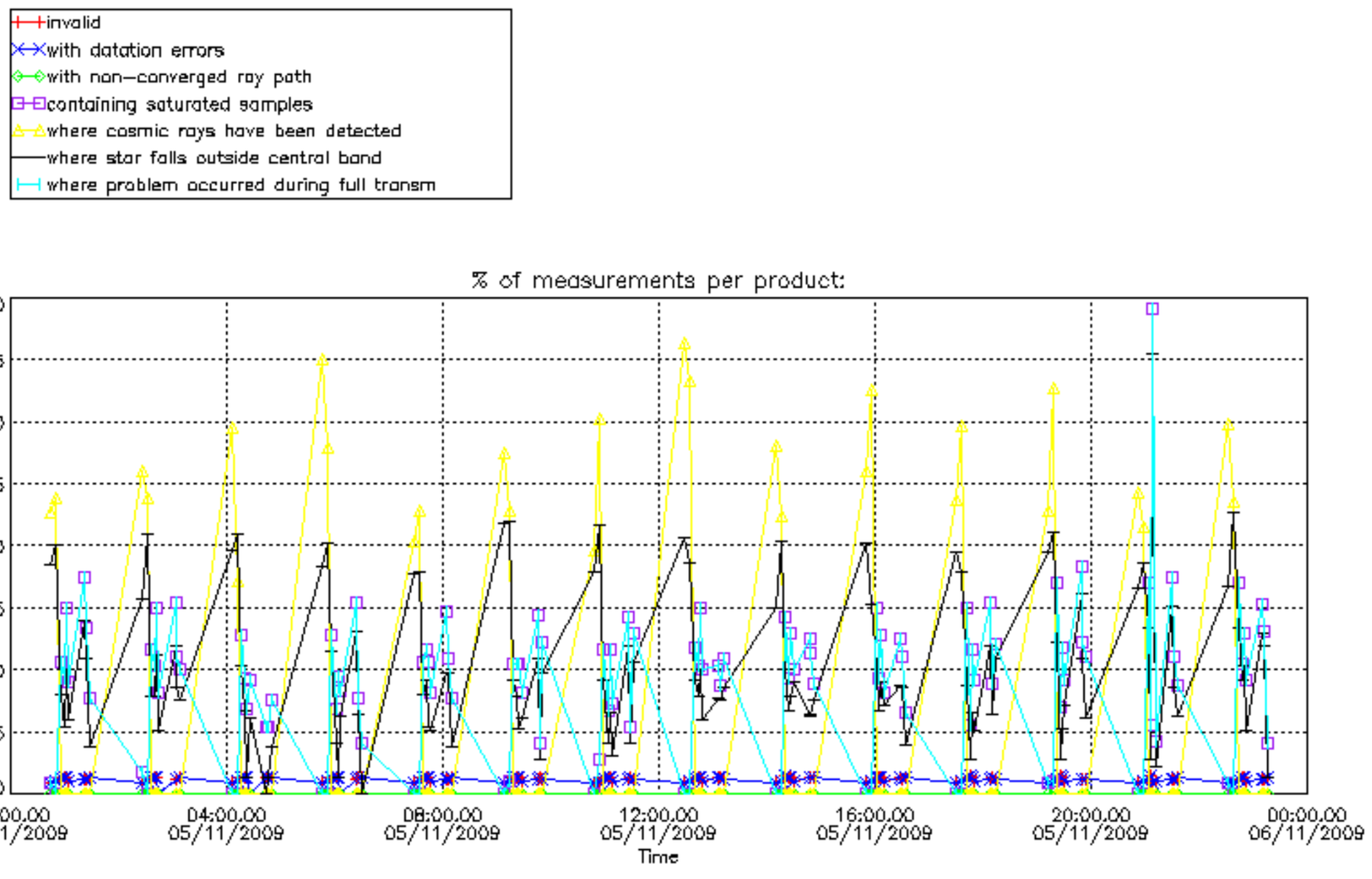
Percentage of flagged data per NO2 profile

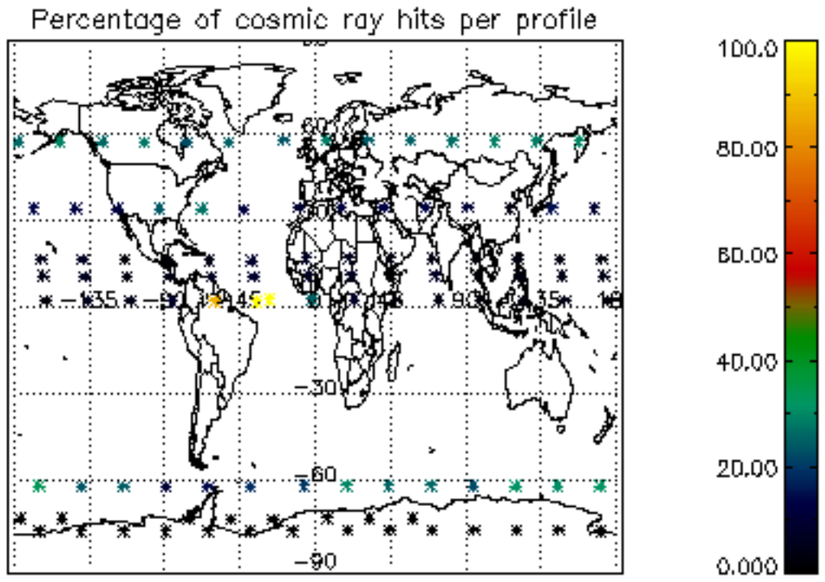


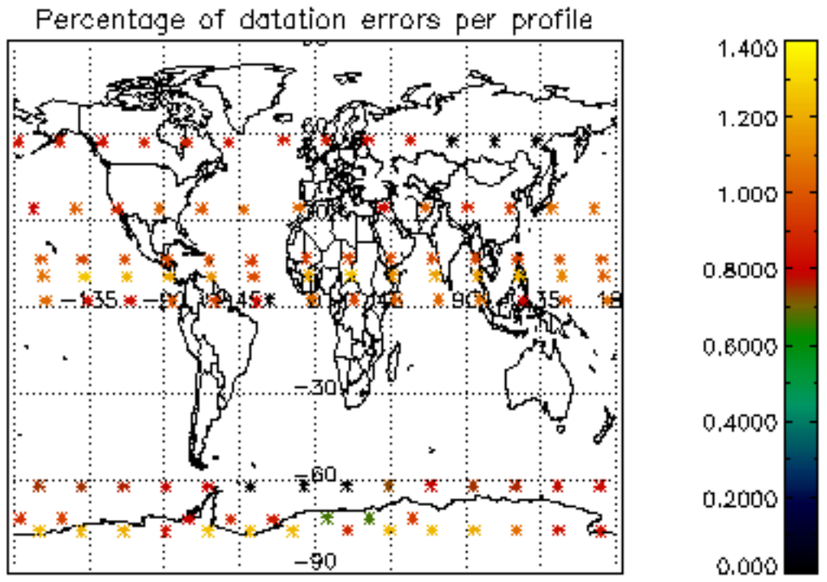
Percentage of flagged data per NO3 profile

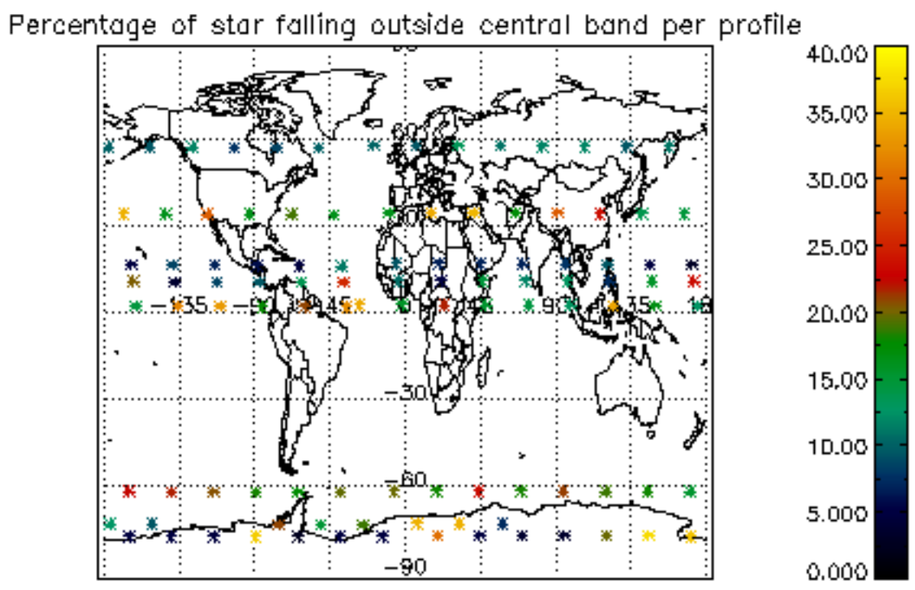


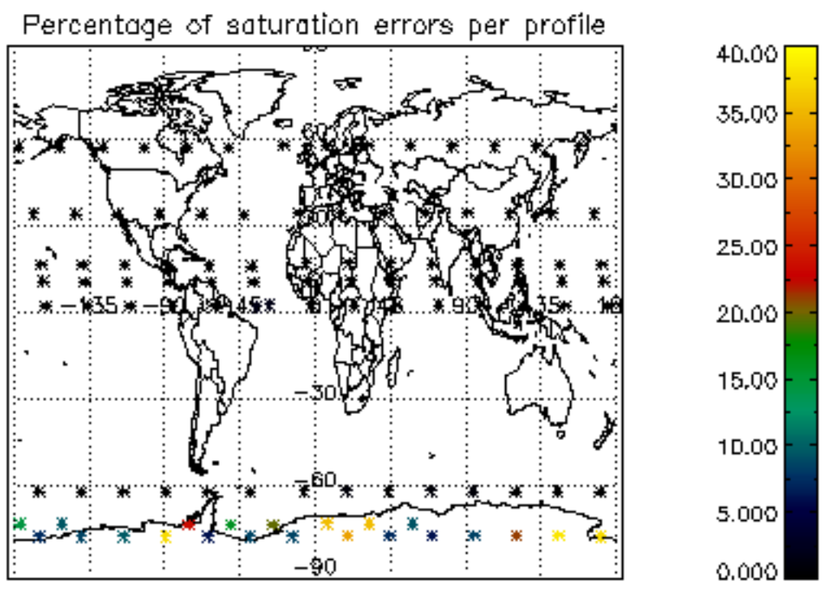

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
05/11/2009
04:00.00
05/11/2009
08:00.00
05/11/2009
12:00.00
05/11/2009
16:00.00
05/11/2009
20:00.00
05/11/2009
00:00.00
06/11/2009
Time

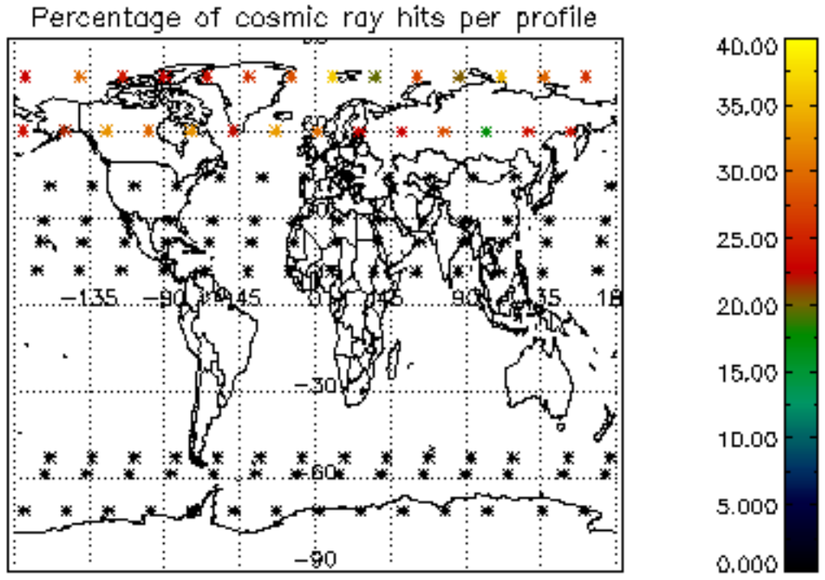

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
40
35
30
25
20
15
10
5
0
value (%)
00:00.00
05/11/2009
04:00.00
05/11/2009
08:00.00
05/11/2009
12:00.00
05/11/2009
16:00.00
05/11/2009
20:00.00
05/11/2009
00:00.00
06/11/2009
Time

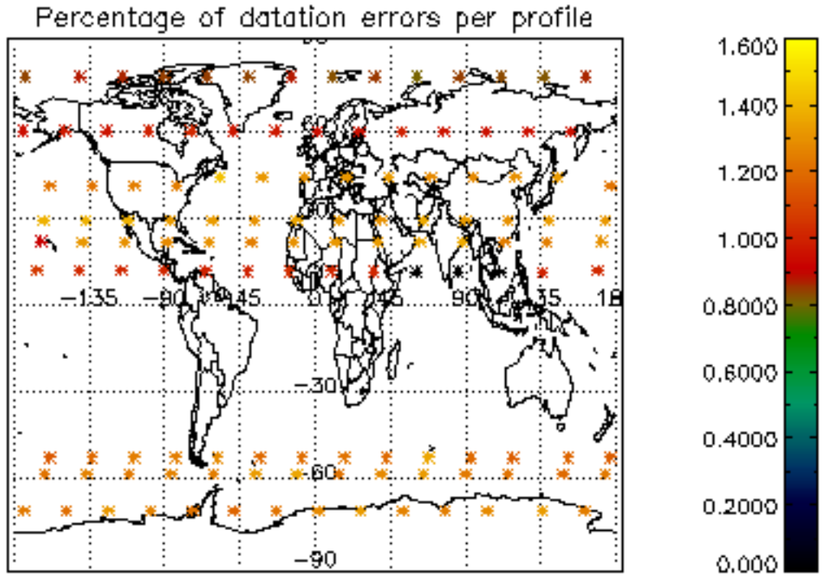

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

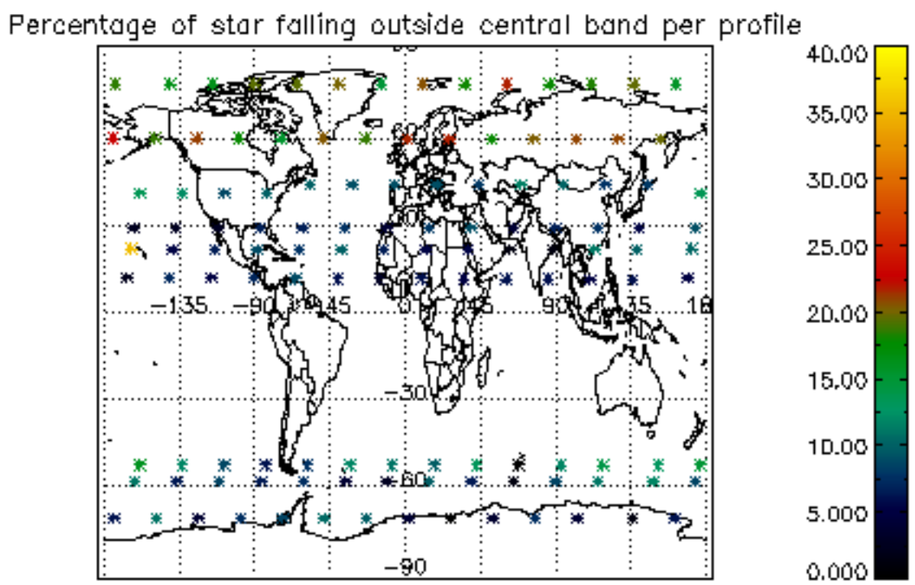

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

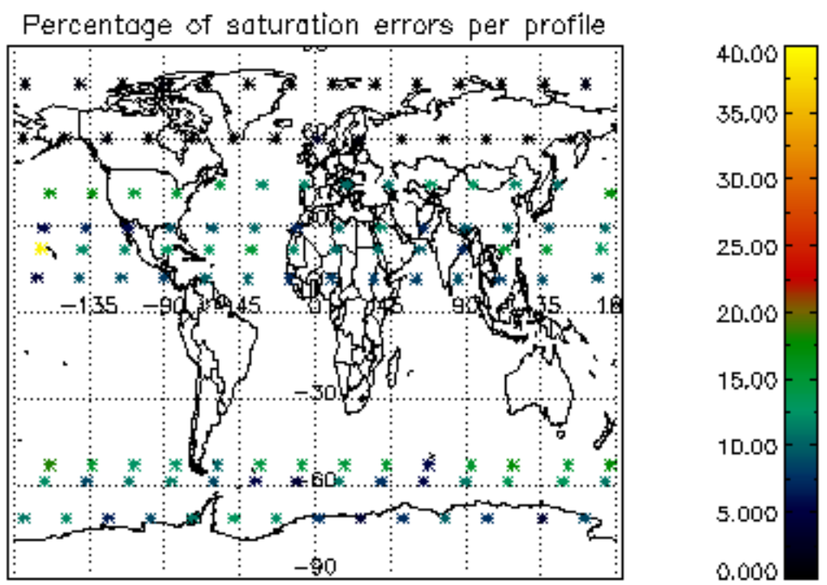

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

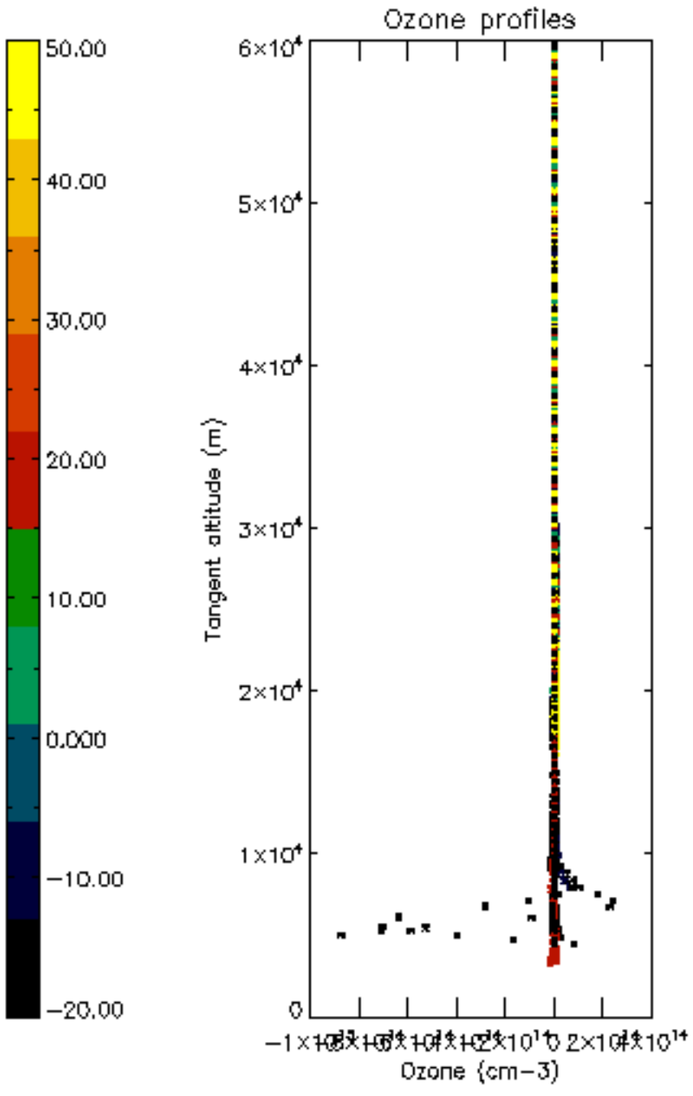

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90


Percentage of cosmic ray hits 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 datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−30
−60
−90

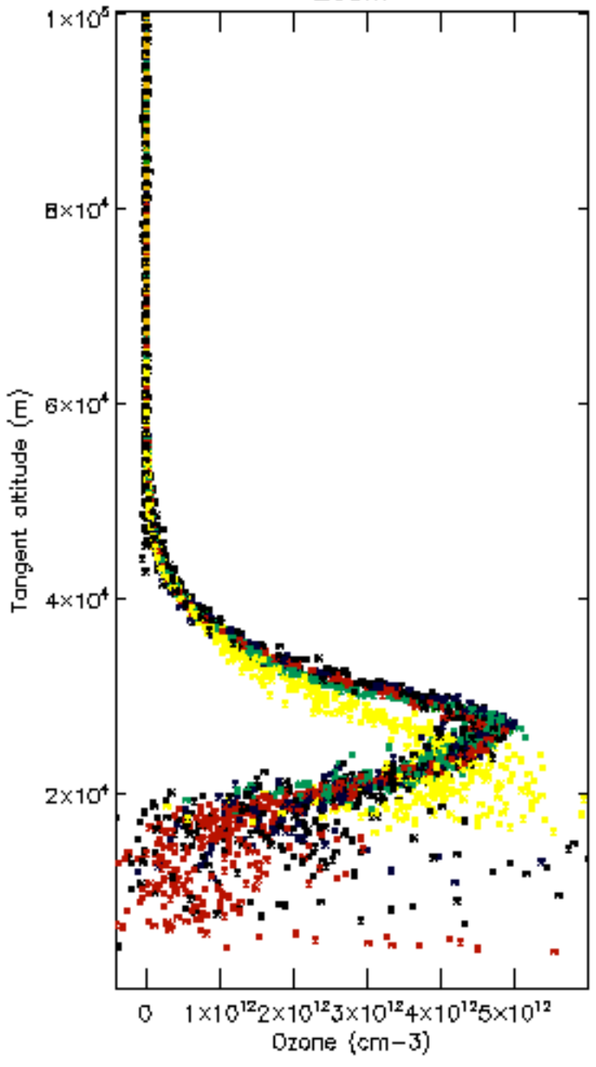

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90


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

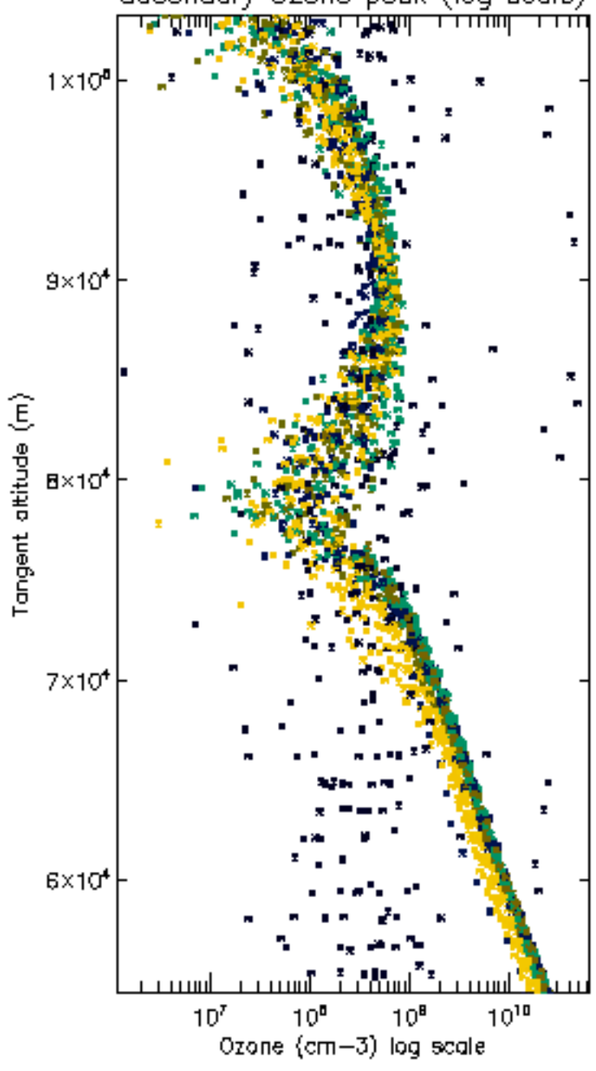


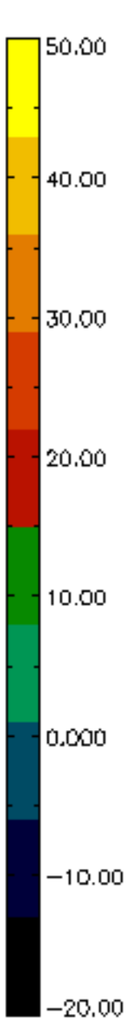
Ozone profiles

Zoom

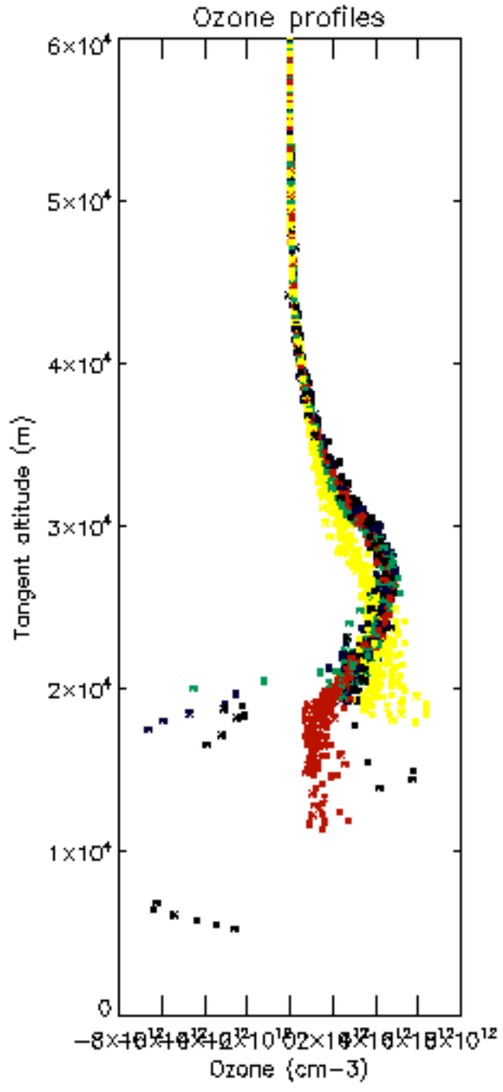


Secondary Ozone peak (log scale)

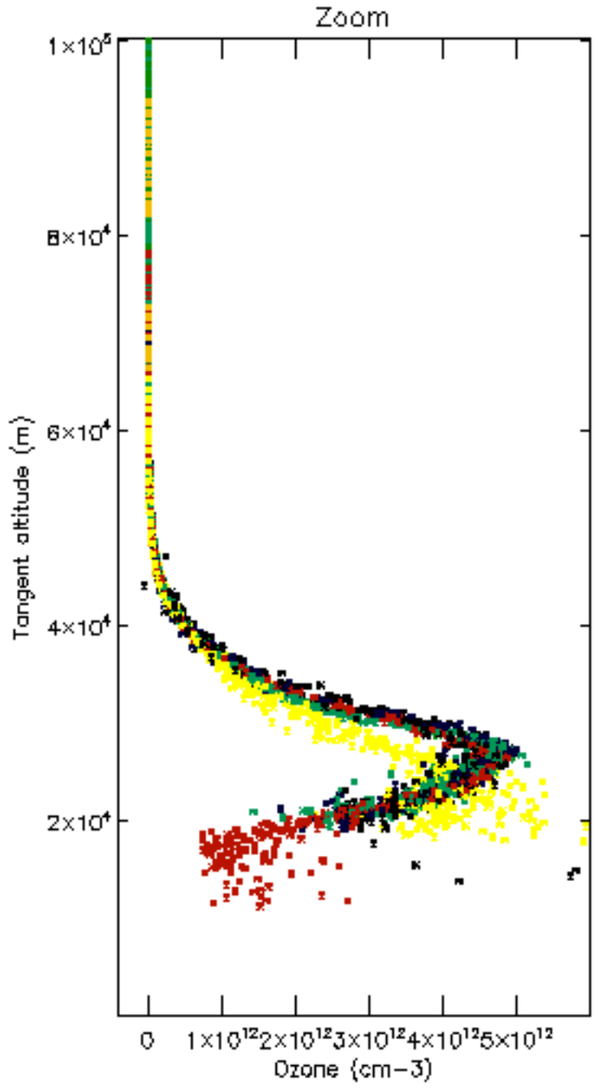




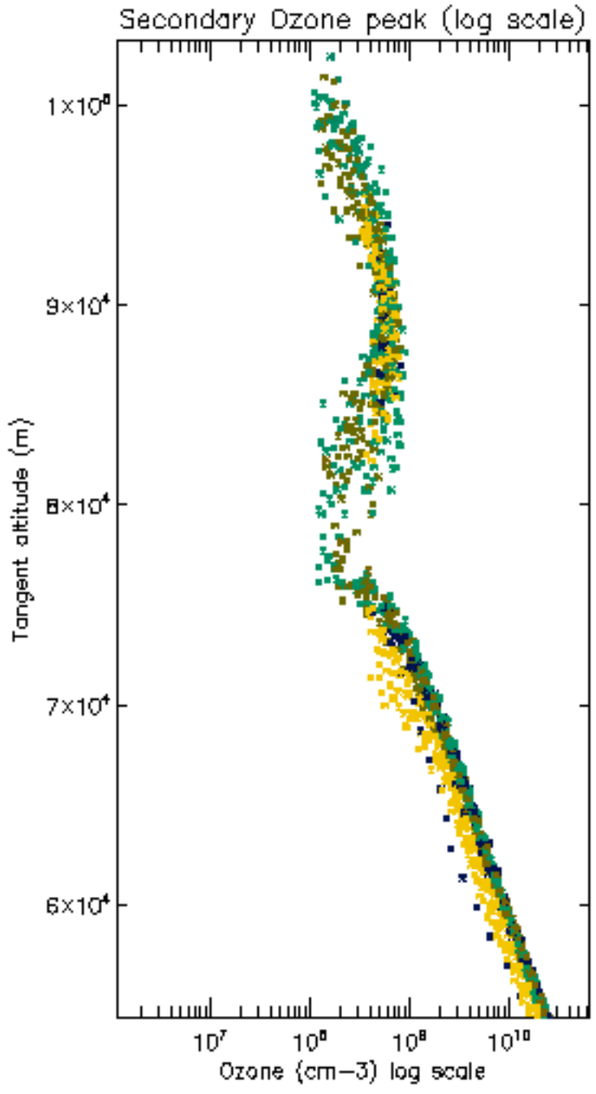
Ozone profiles

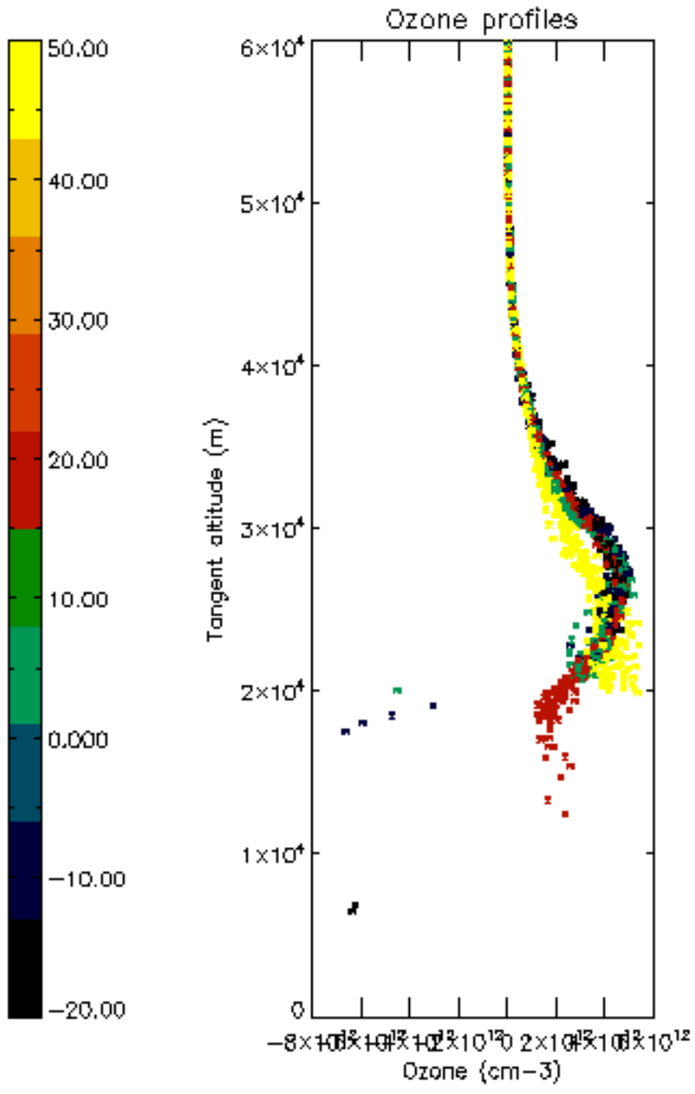


Zoom



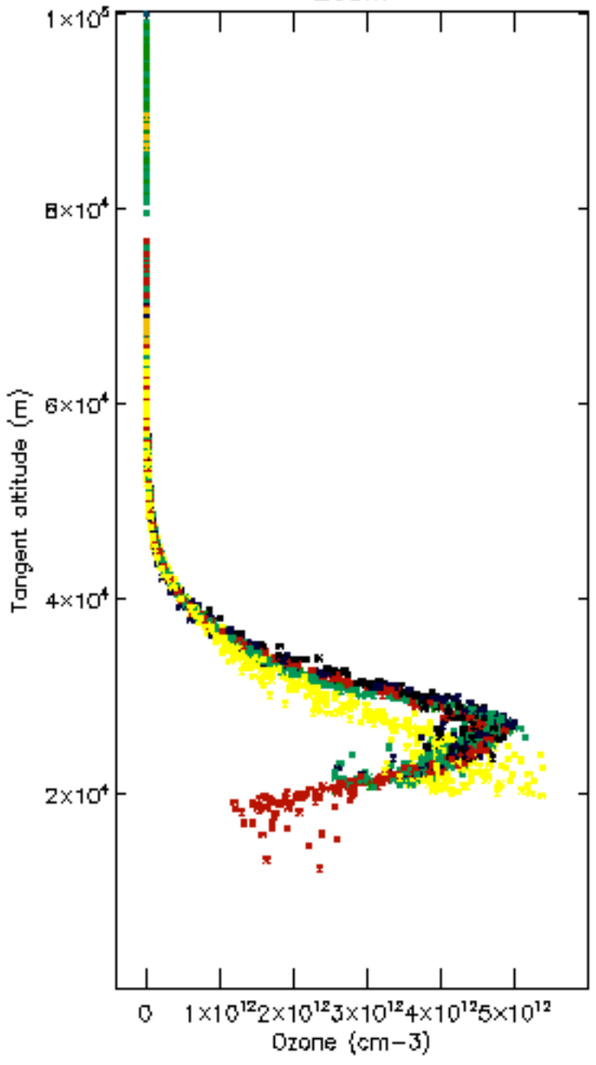
Secondary Ozone peak (log scale)



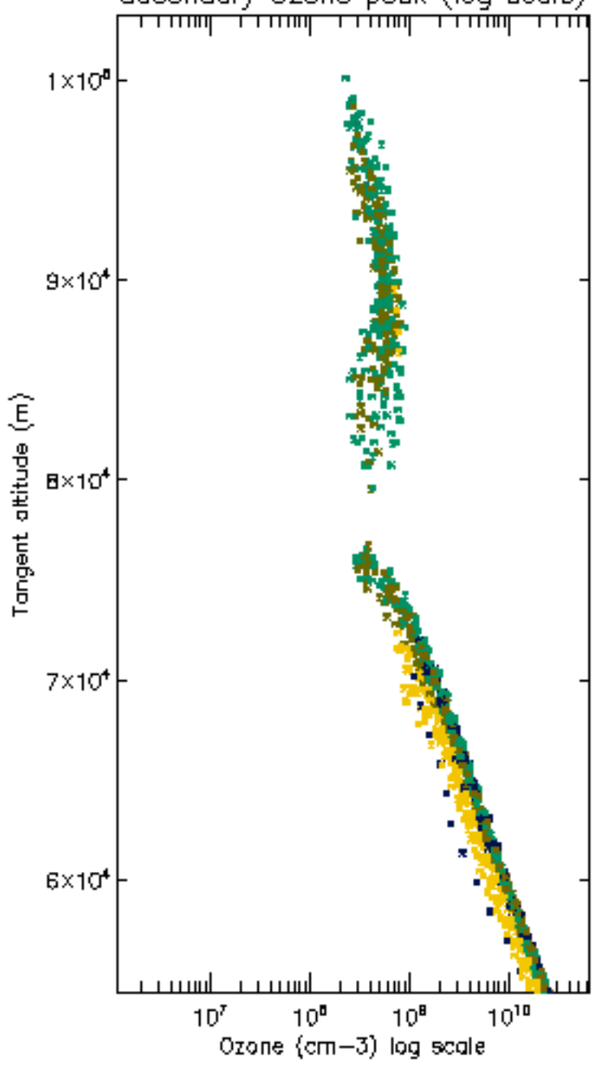


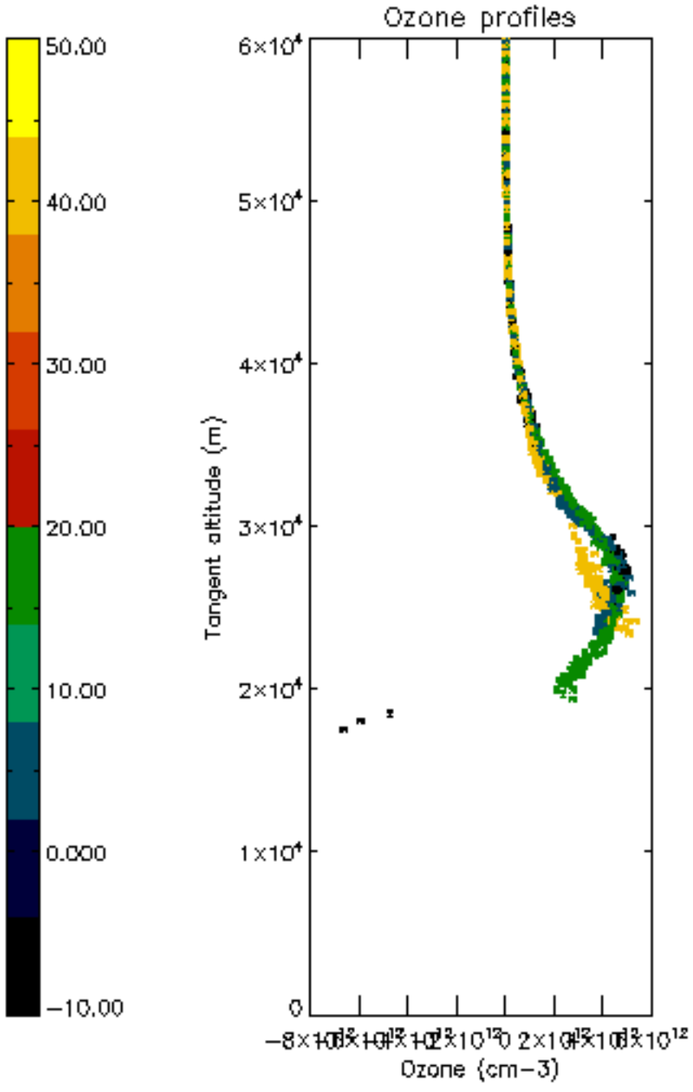
Ozone profiles

Zoom

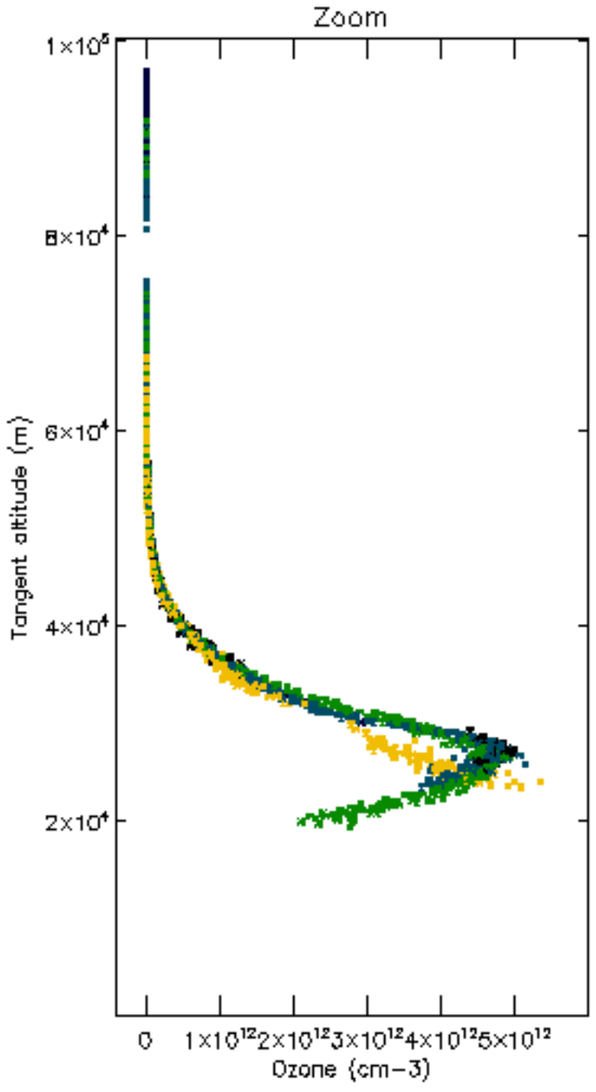


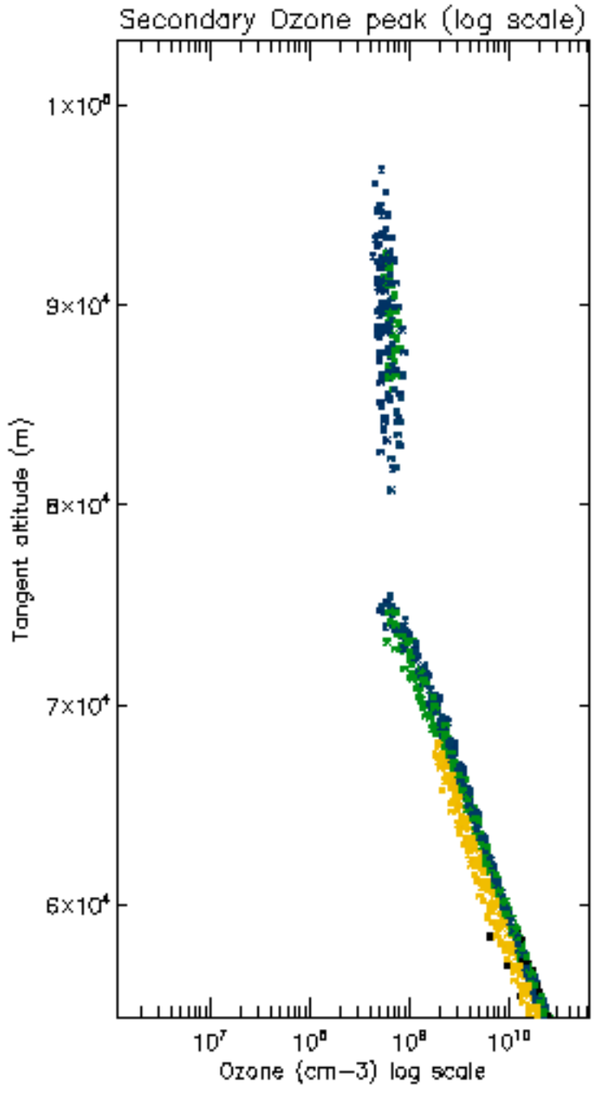
Secondary Ozone peak (log scale)

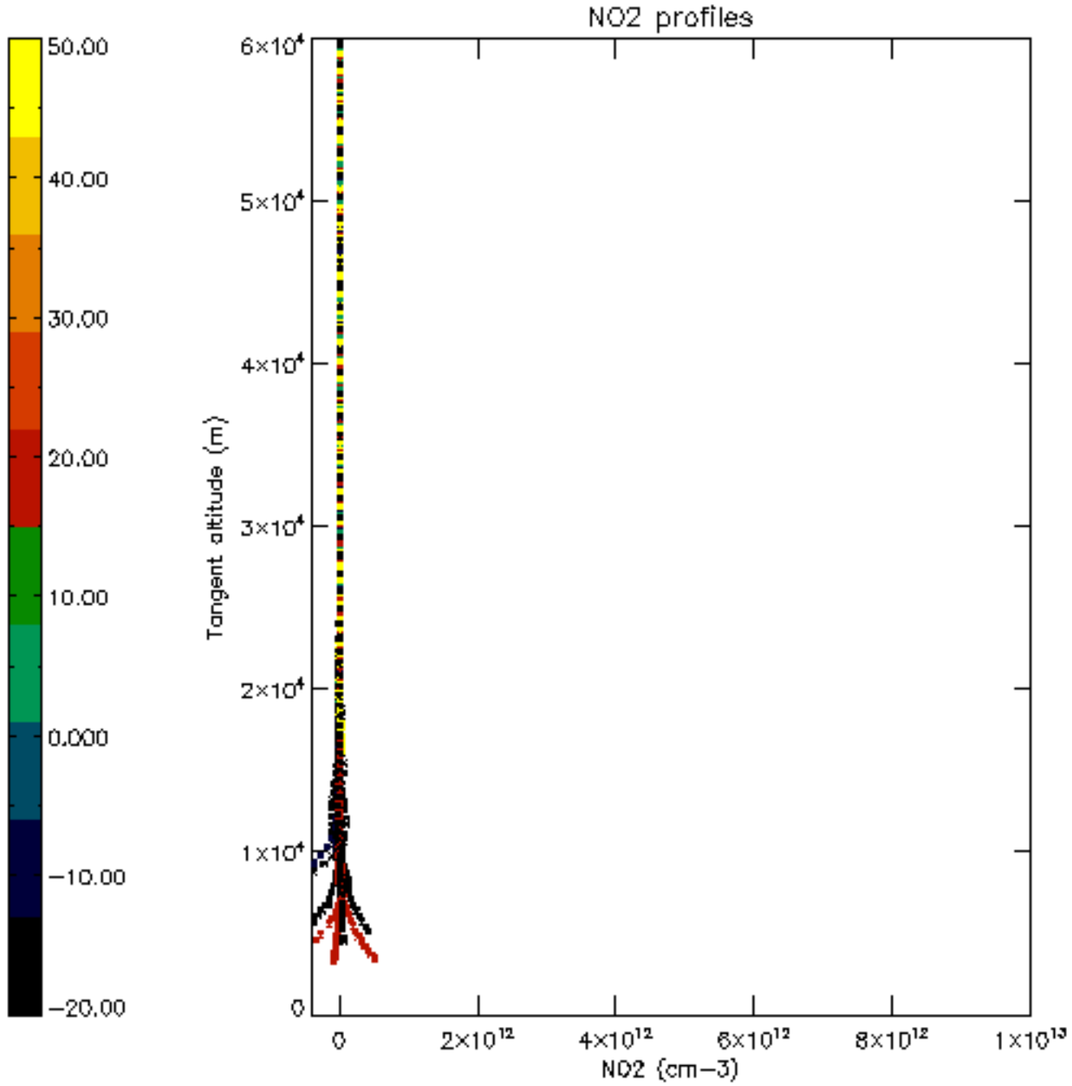


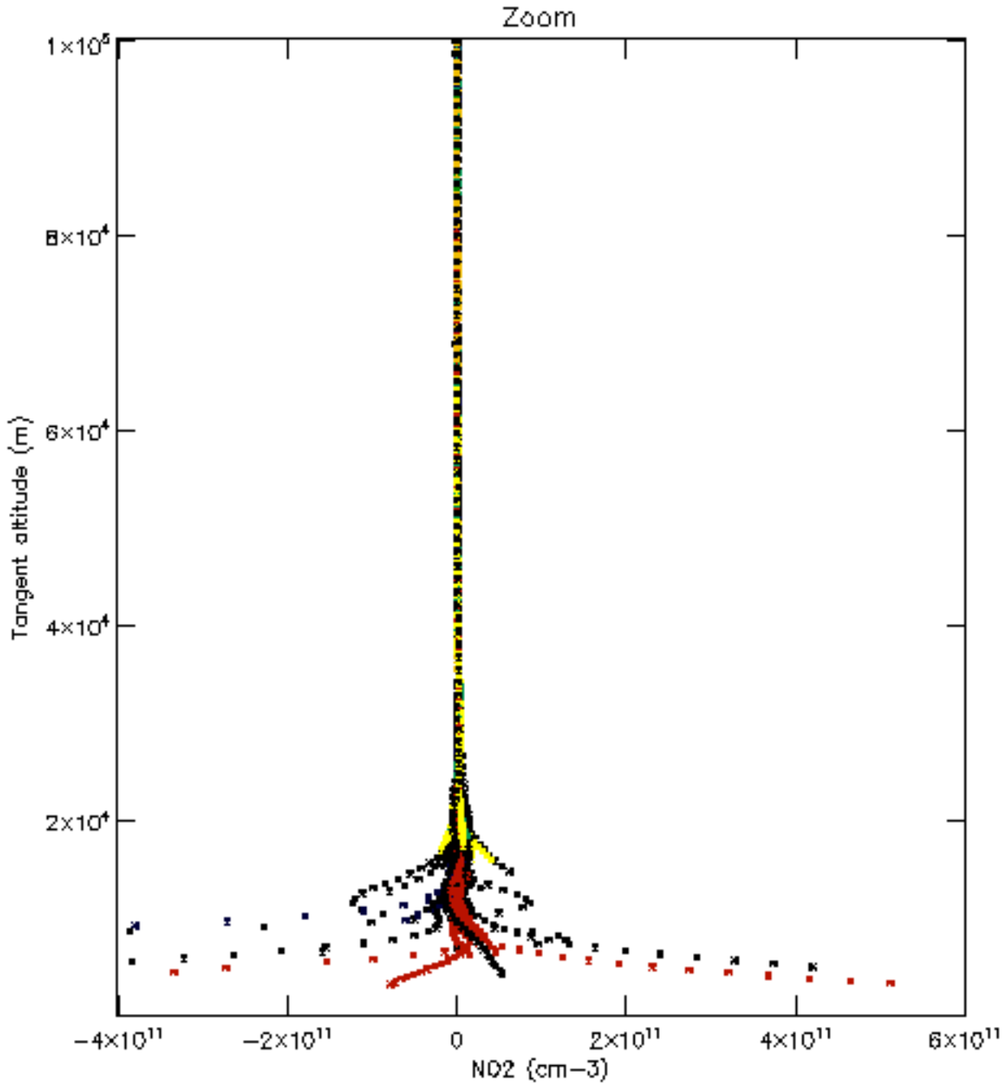

50.00
40.00
30.00
20.00
10.00
0.000
−10.00

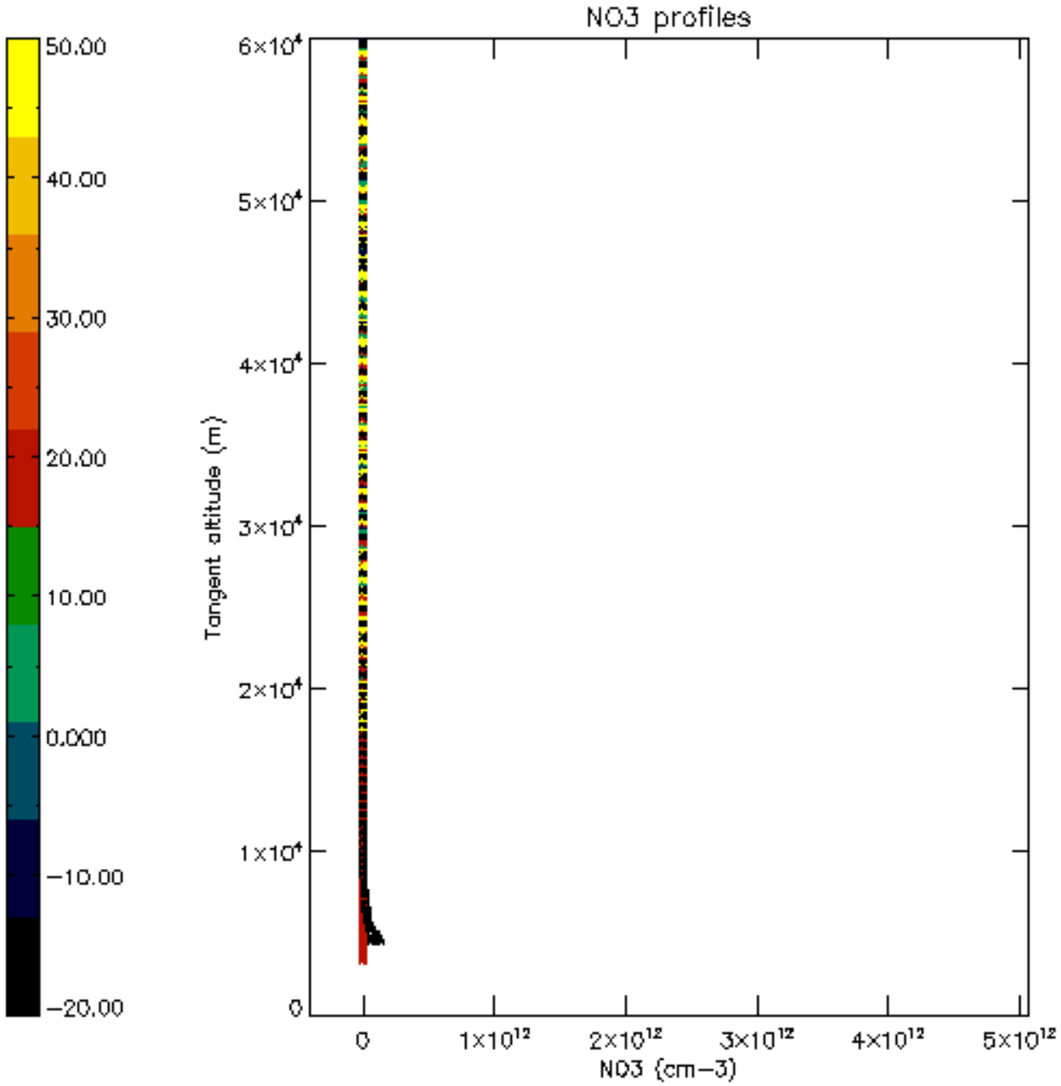
Ozone profiles
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Ozone (cm−3)

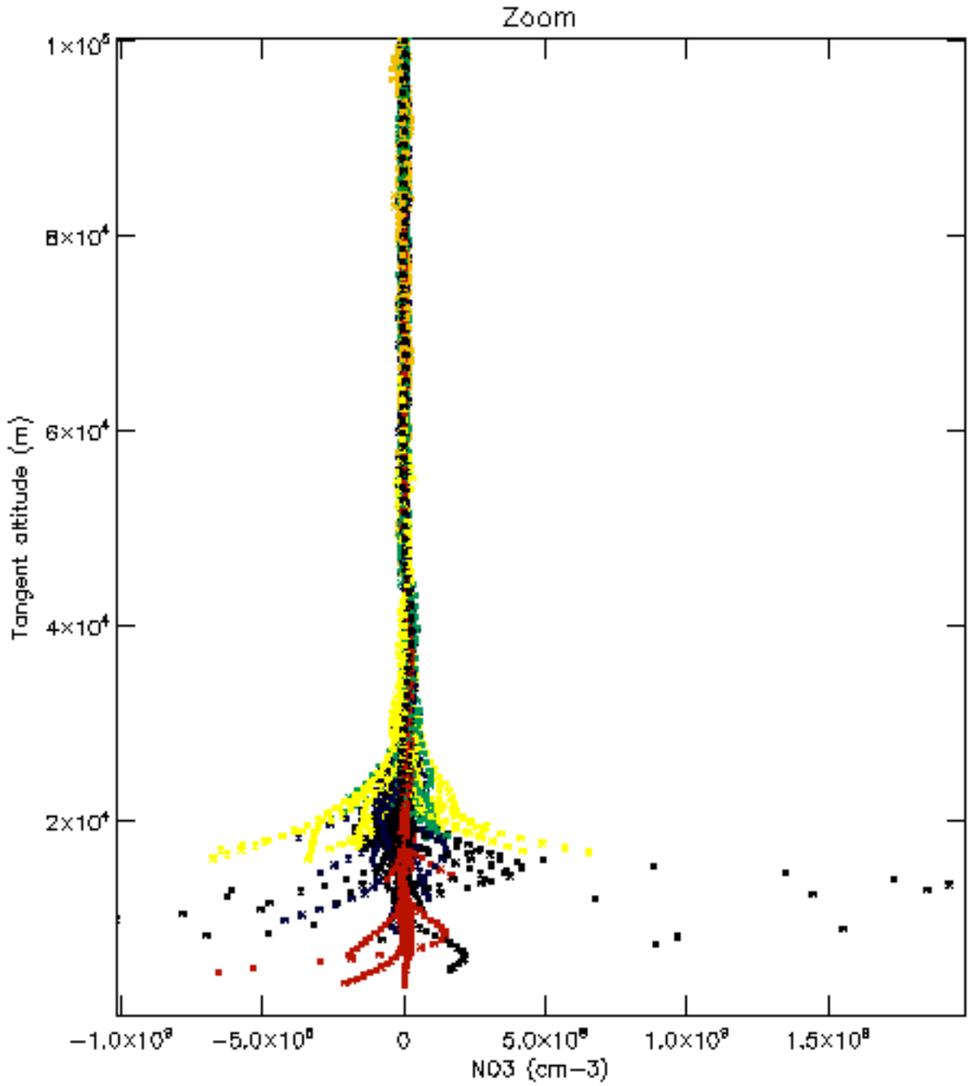

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

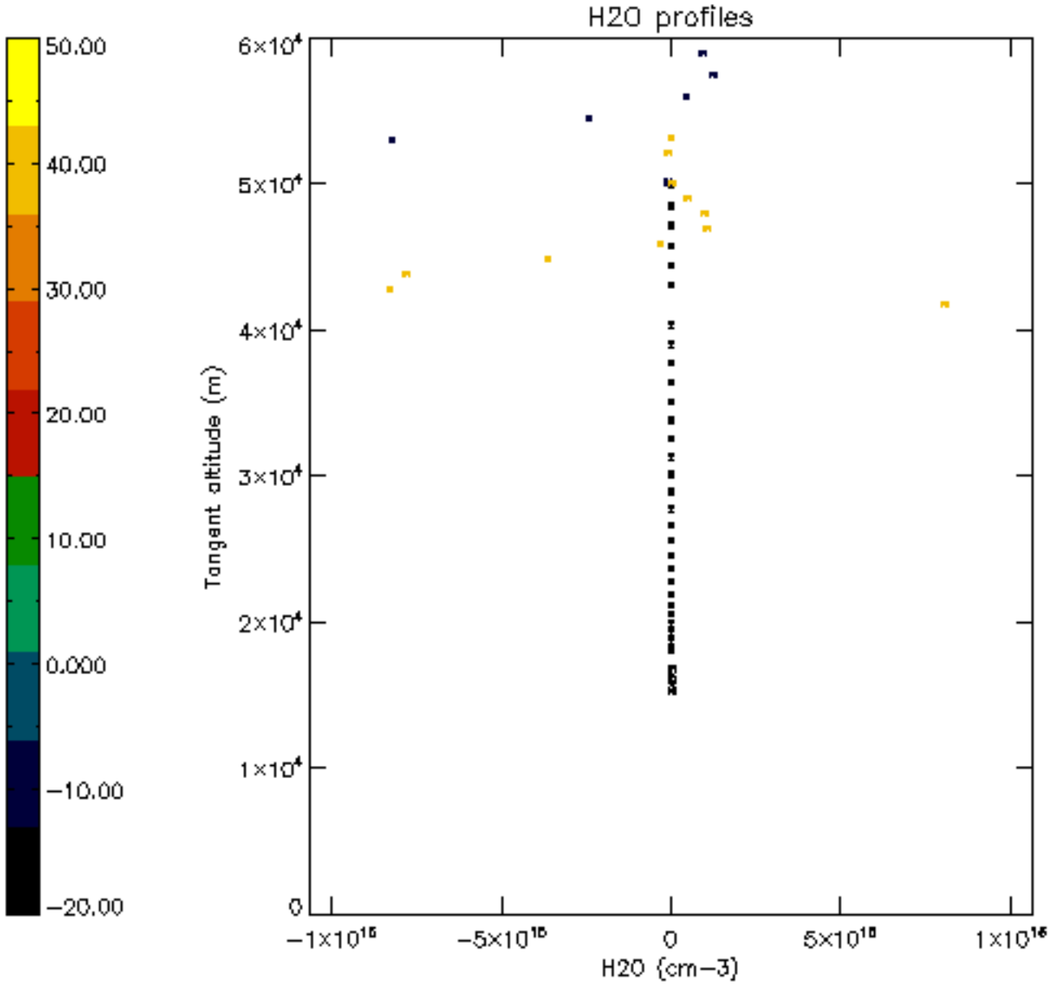

Secondary Ozone peak (log scale)
Tangent altitude (m)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

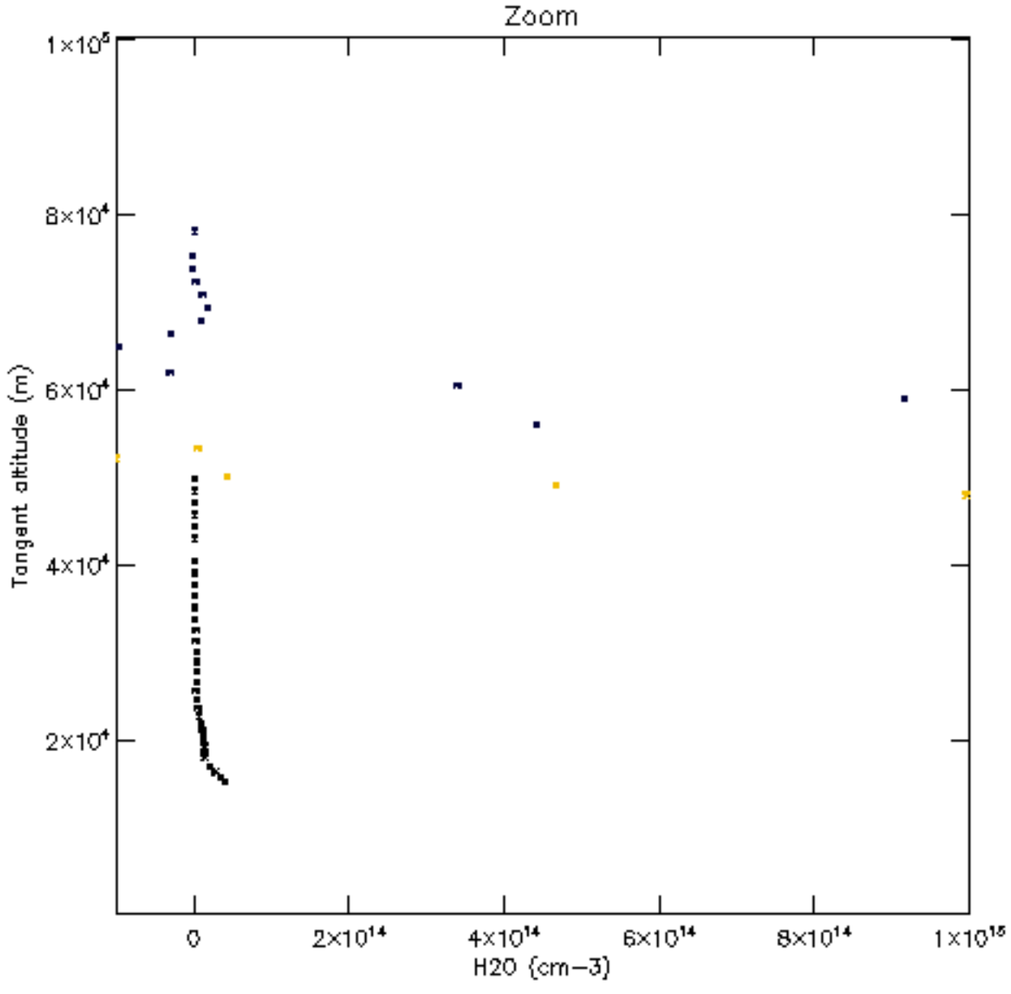

NO2 profiles
50.00
40.00
30.00
20.00
10.00
0.000
−10.00
−20.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

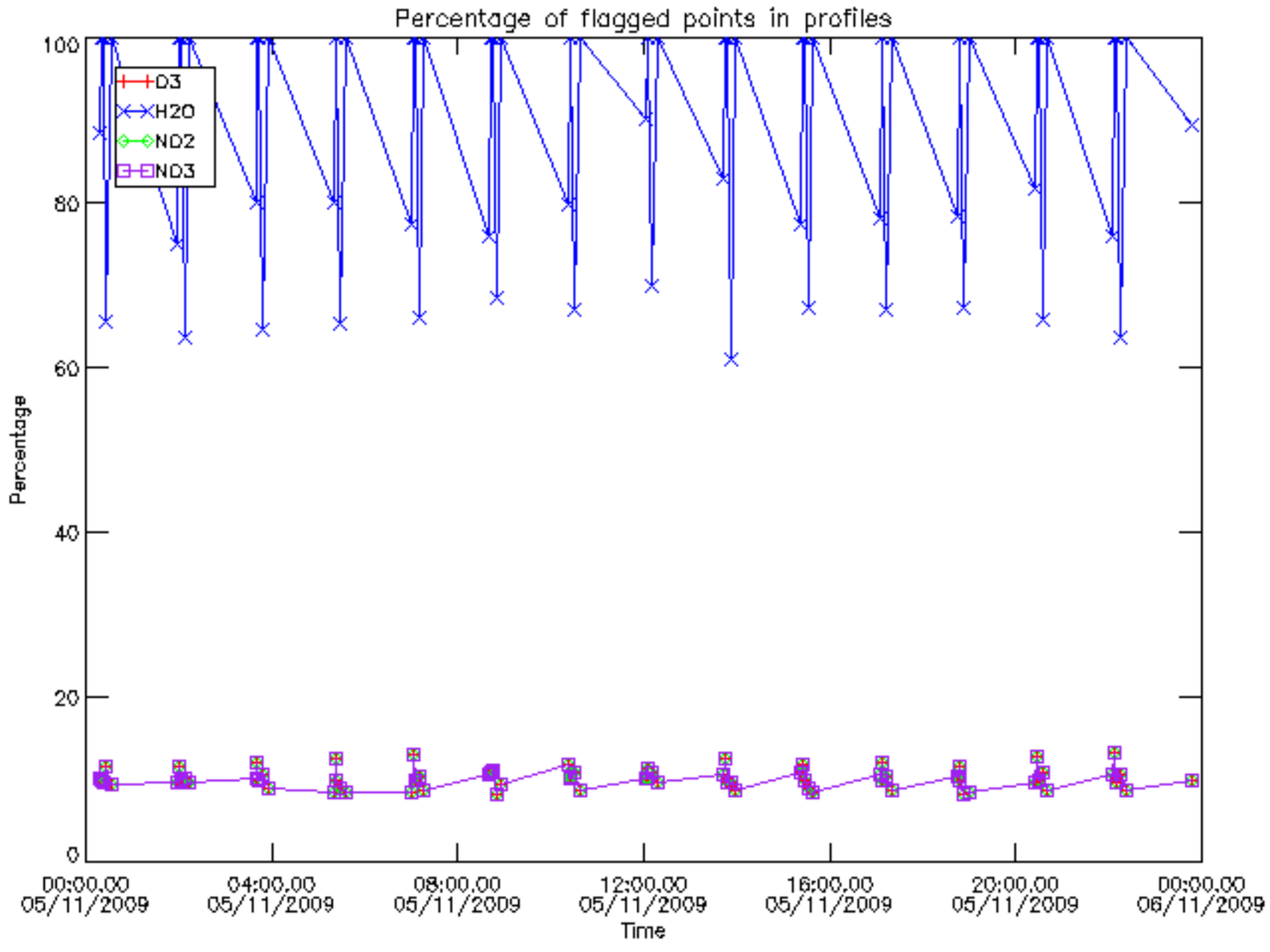

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


NO3 profiles
50.00
40.00
30.00
20.00
10.00
0.000
−10.00
−20.00
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)

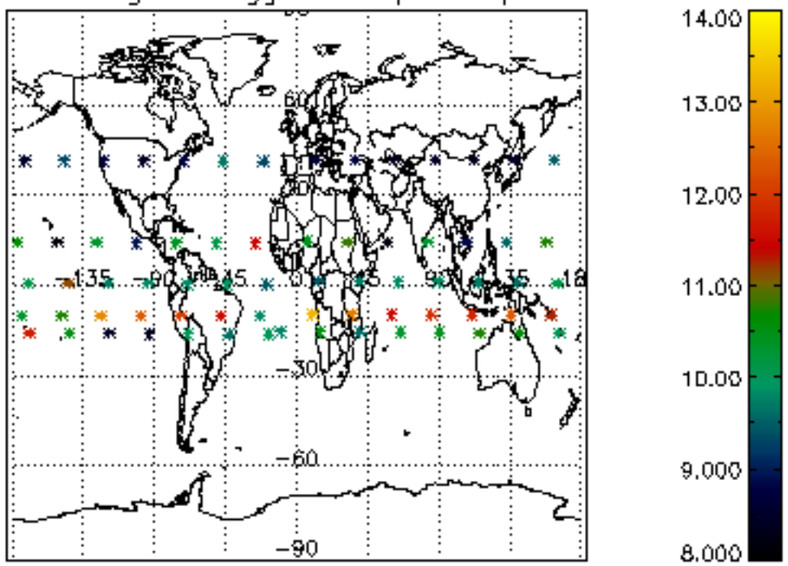

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁸
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


H2O profiles
50.00
40.00
30.00
20.00
10.00
0.000
−10.00
−20.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁶
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)

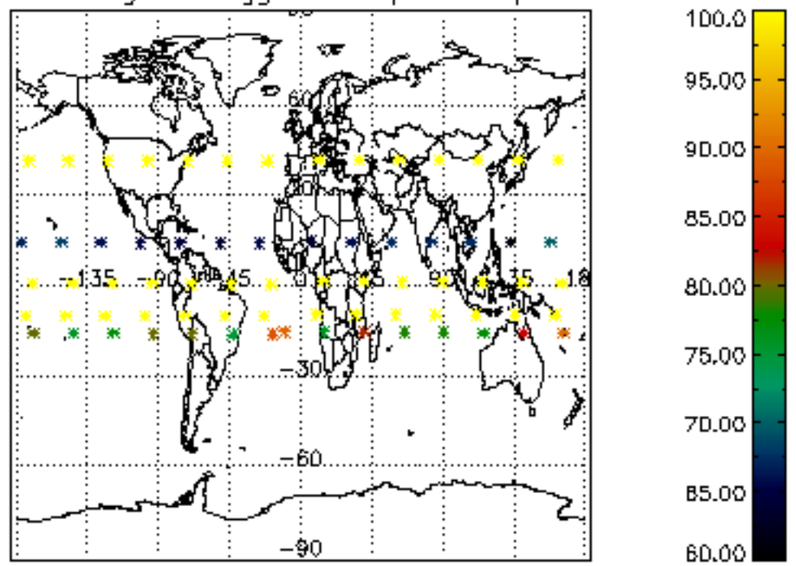

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
05/11/2009
04:00.00
05/11/2009
08:00.00
05/11/2009
12:00.00
05/11/2009
16:00.00
05/11/2009
20:00.00
05/11/2009
00:00.00
06/11/2009
Time

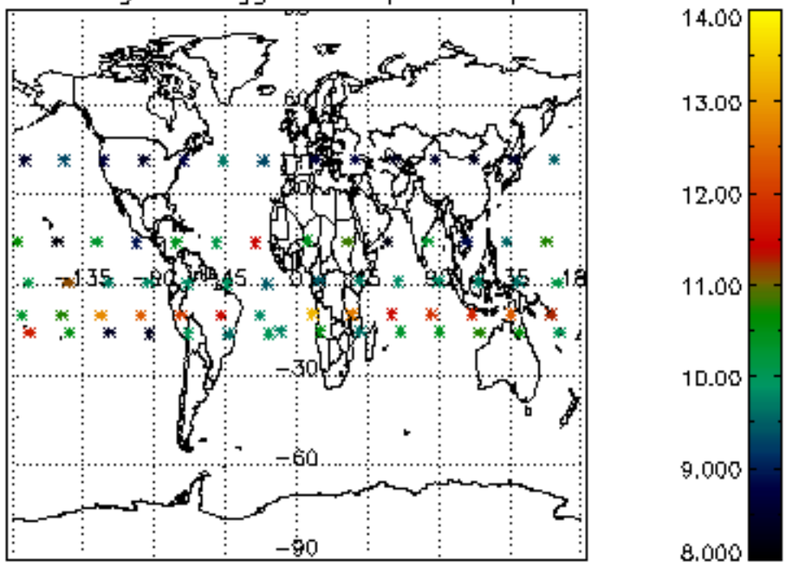
Percentage of flagged data per O3 profile



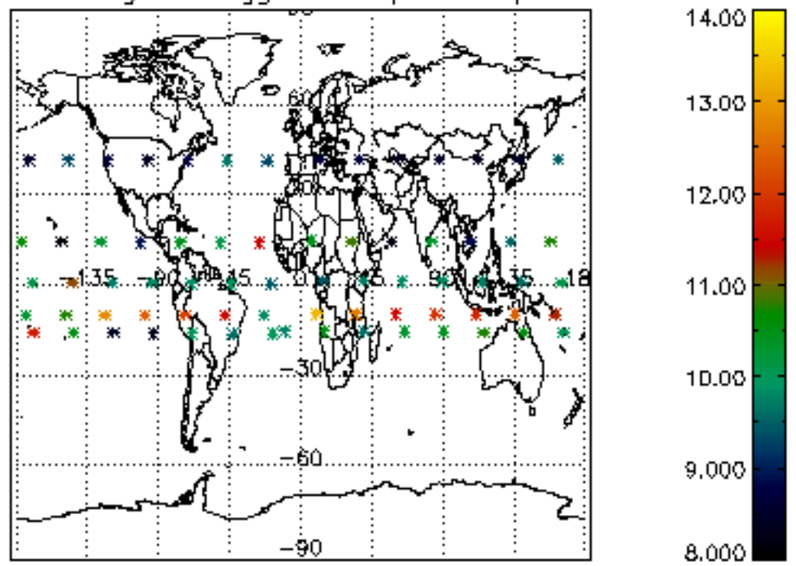
Percentage of flagged data per H2O profile

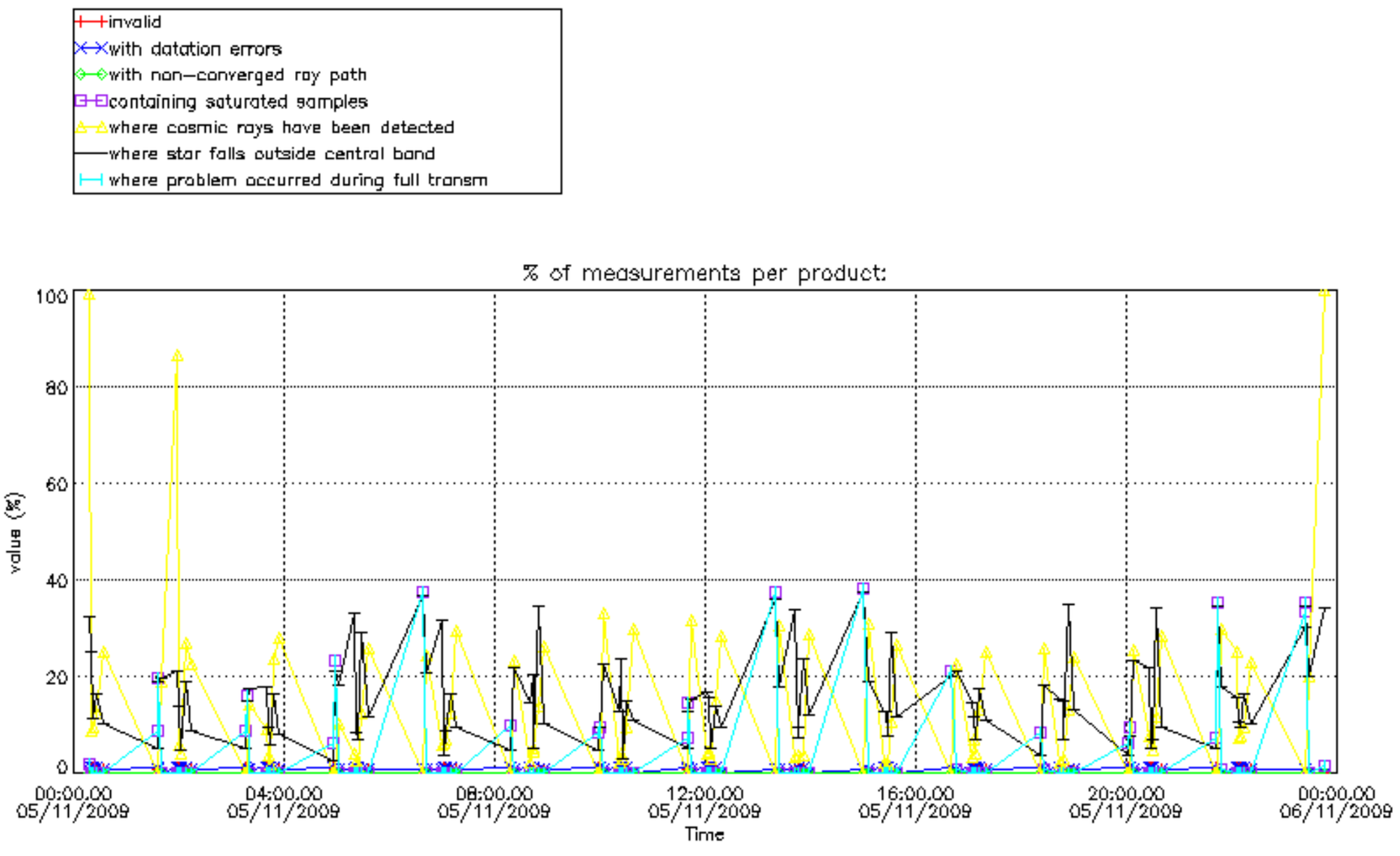


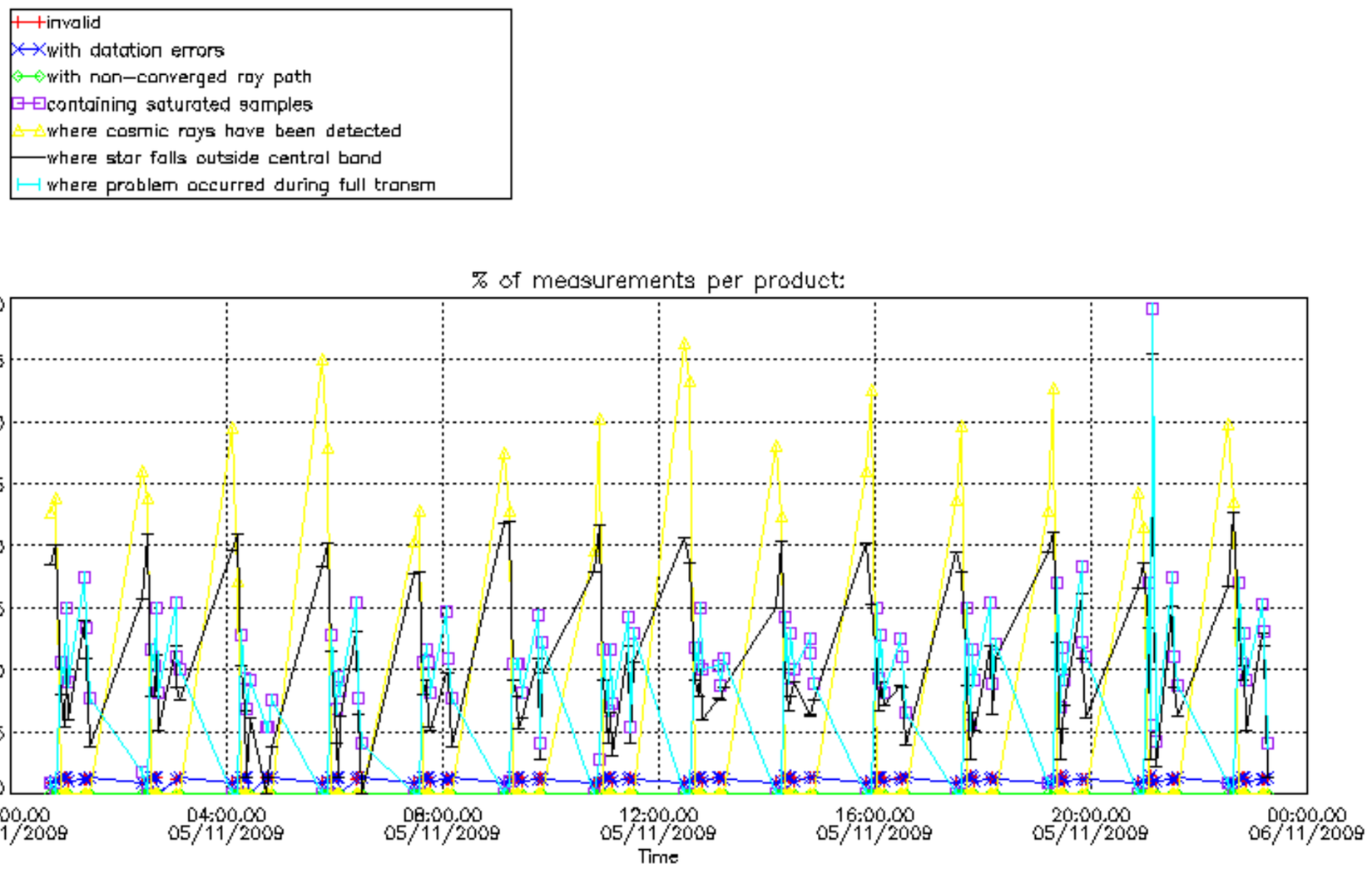
Percentage of flagged data per NO2 profile

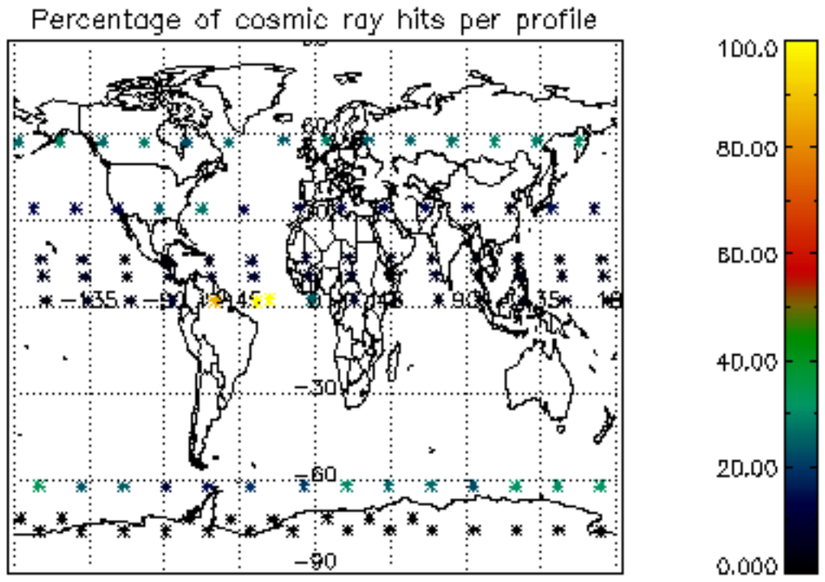


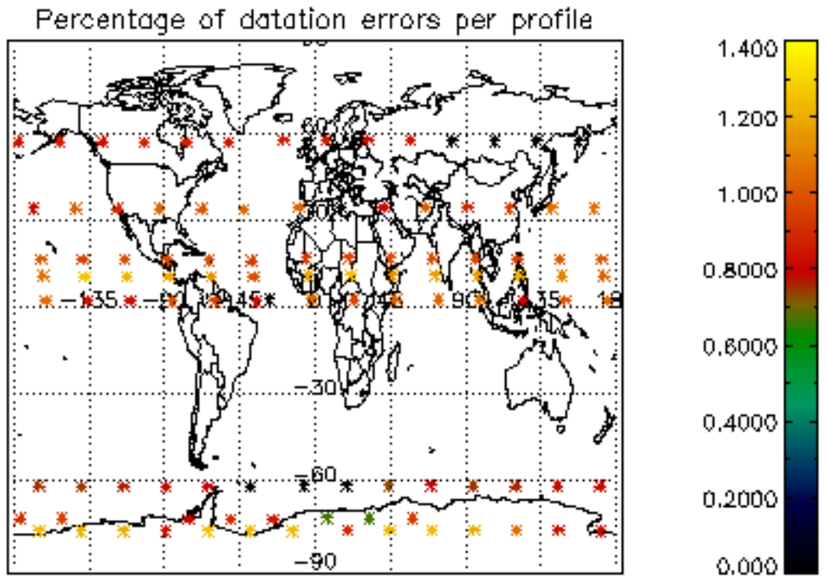
Percentage of flagged data per NO3 profile

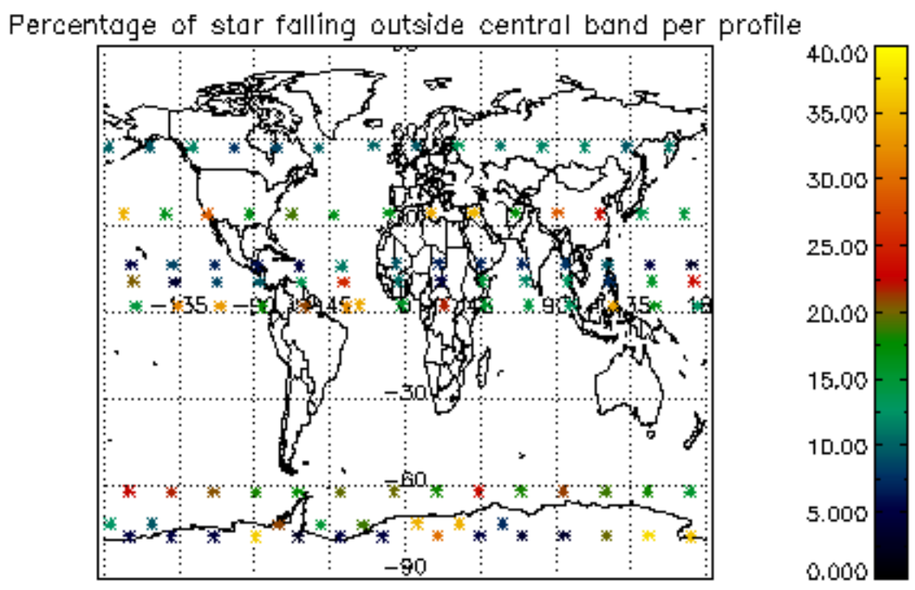


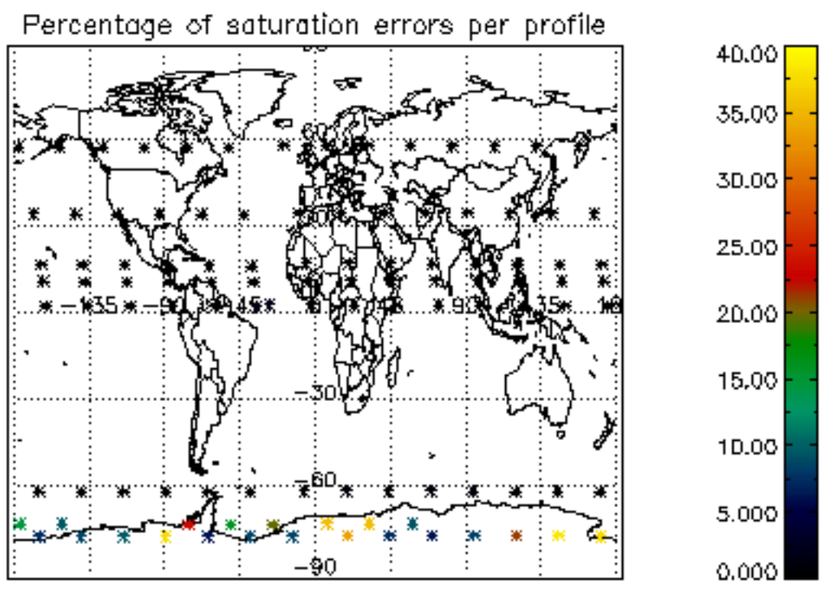

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
05/11/2009
04:00.00
05/11/2009
08:00.00
05/11/2009
12:00.00
05/11/2009
16:00.00
05/11/2009
20:00.00
05/11/2009
00:00.00
06/11/2009
Time

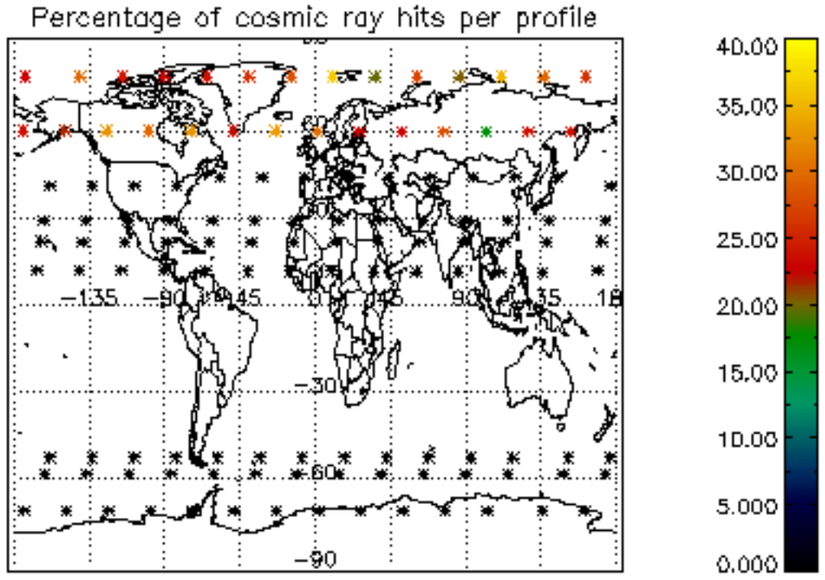

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
40
35
30
25
20
15
10
5
0
value (%)
00:00.00
05/11/2009
04:00.00
05/11/2009
08:00.00
05/11/2009
12:00.00
05/11/2009
16:00.00
05/11/2009
20:00.00
05/11/2009
00:00.00
06/11/2009
Time

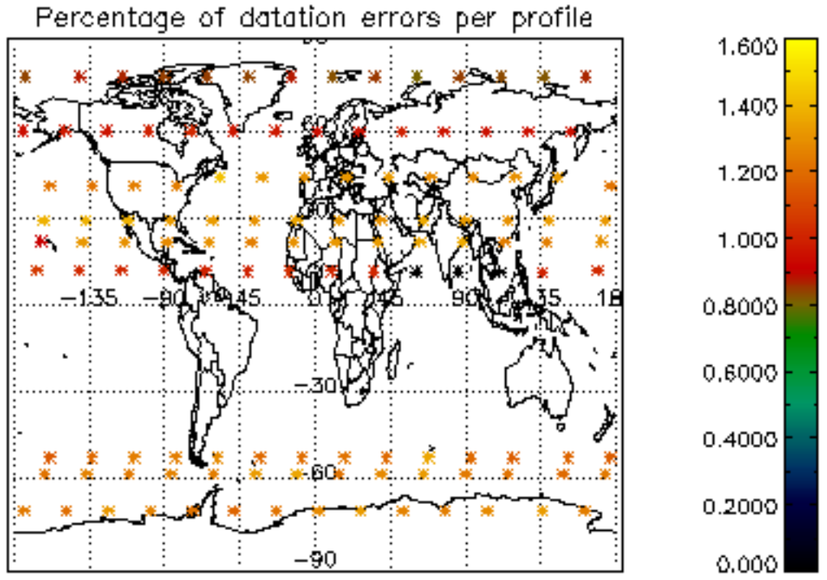

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

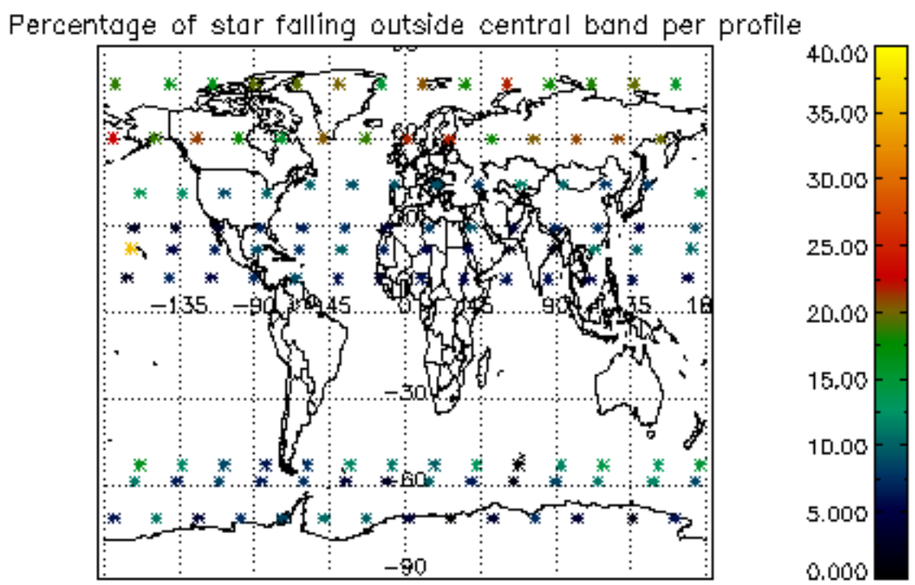

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

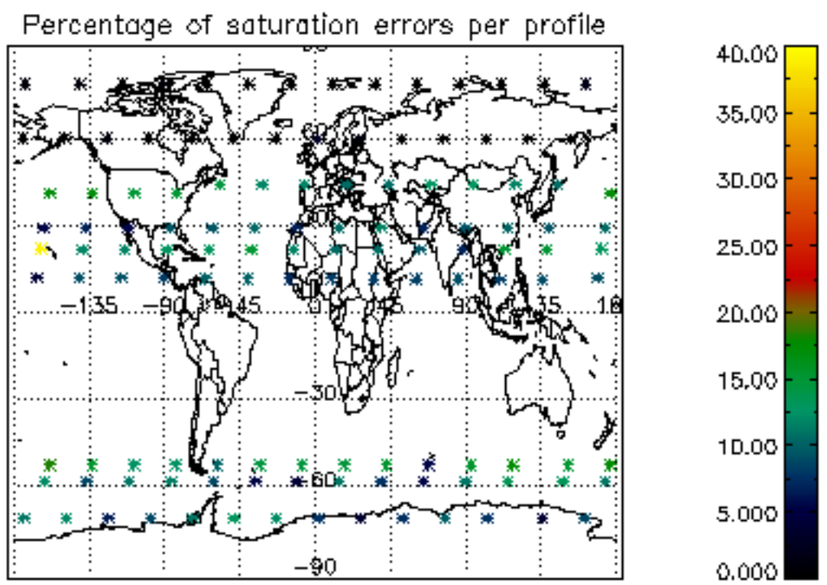

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

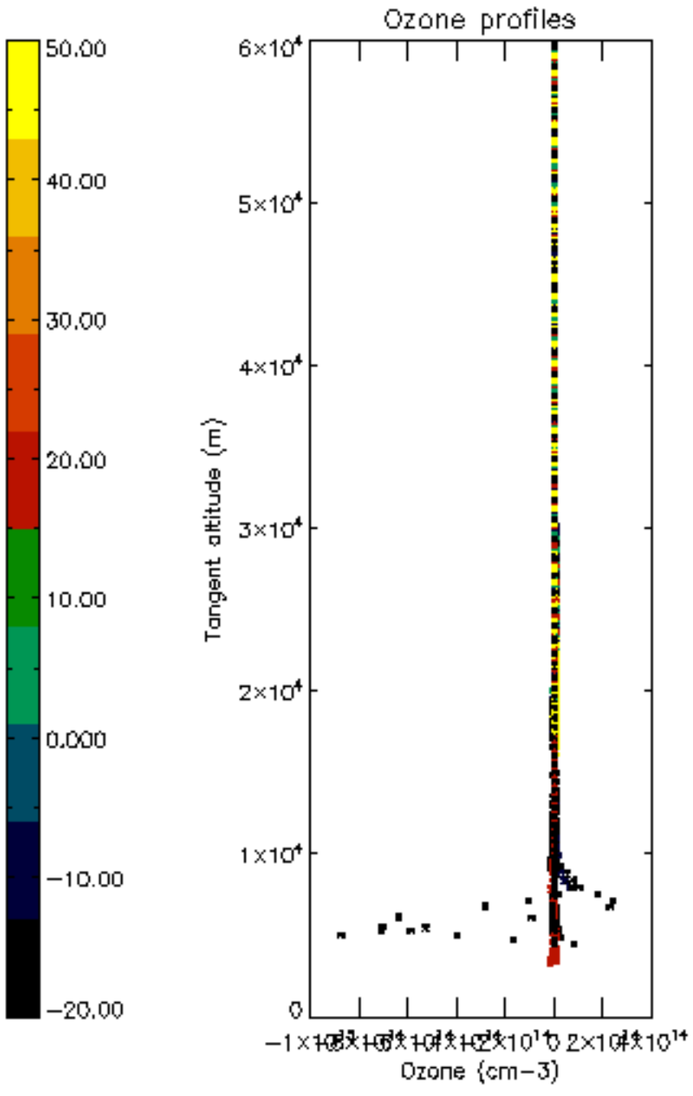

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90


Percentage of cosmic ray hits 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 datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−30
−60
−90

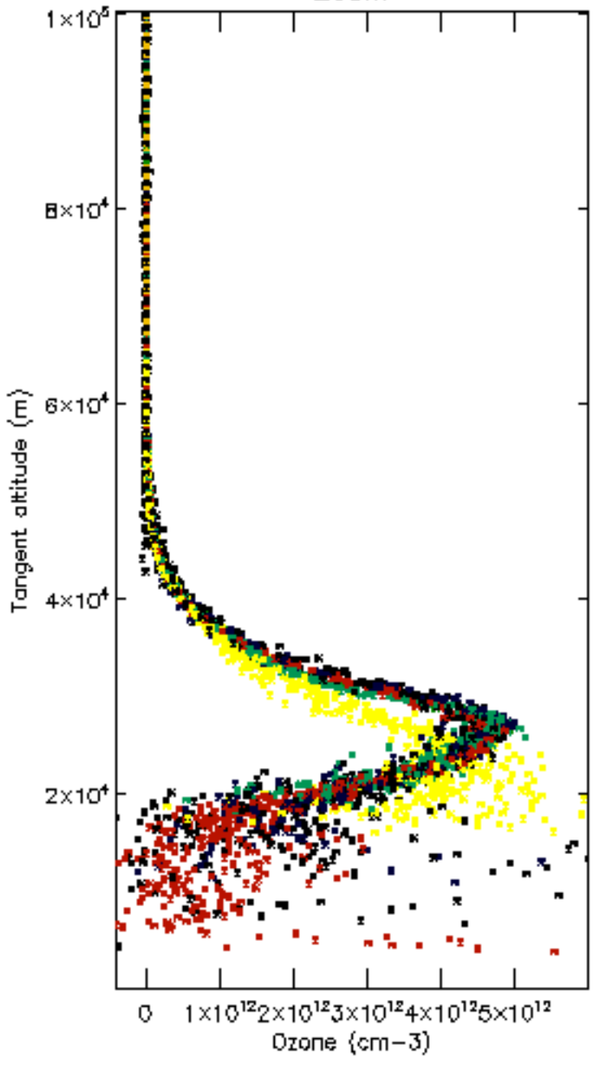

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90


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

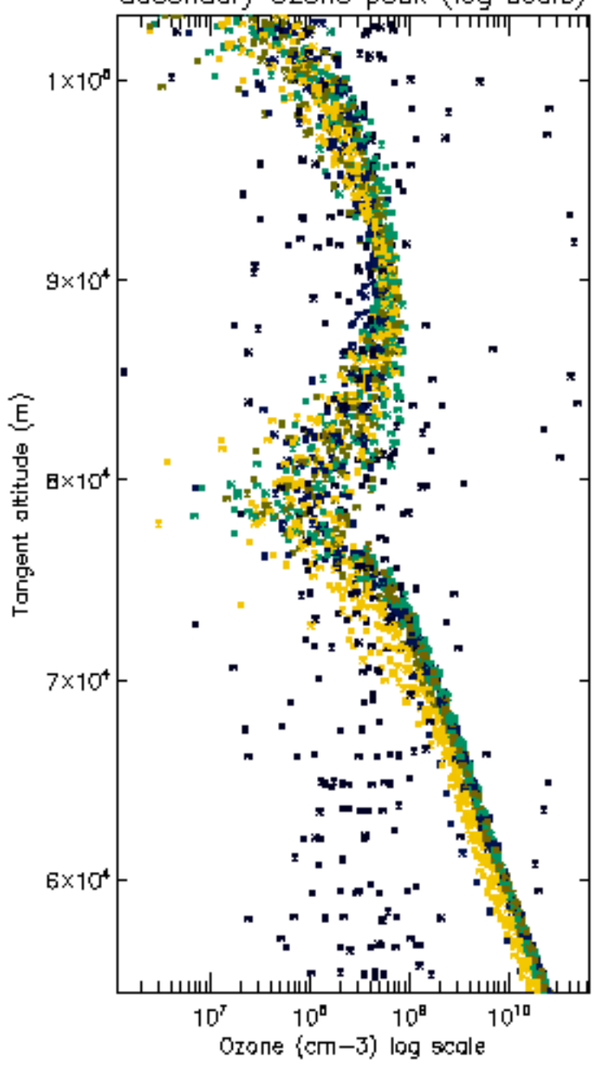


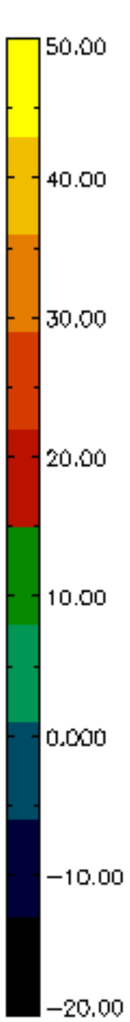
Ozone profiles

Zoom

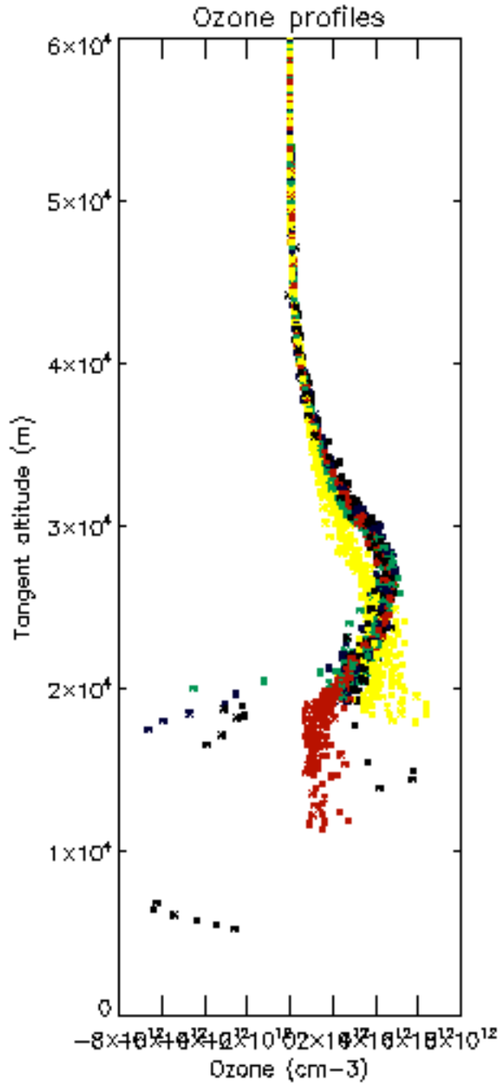


Secondary Ozone peak (log scale)

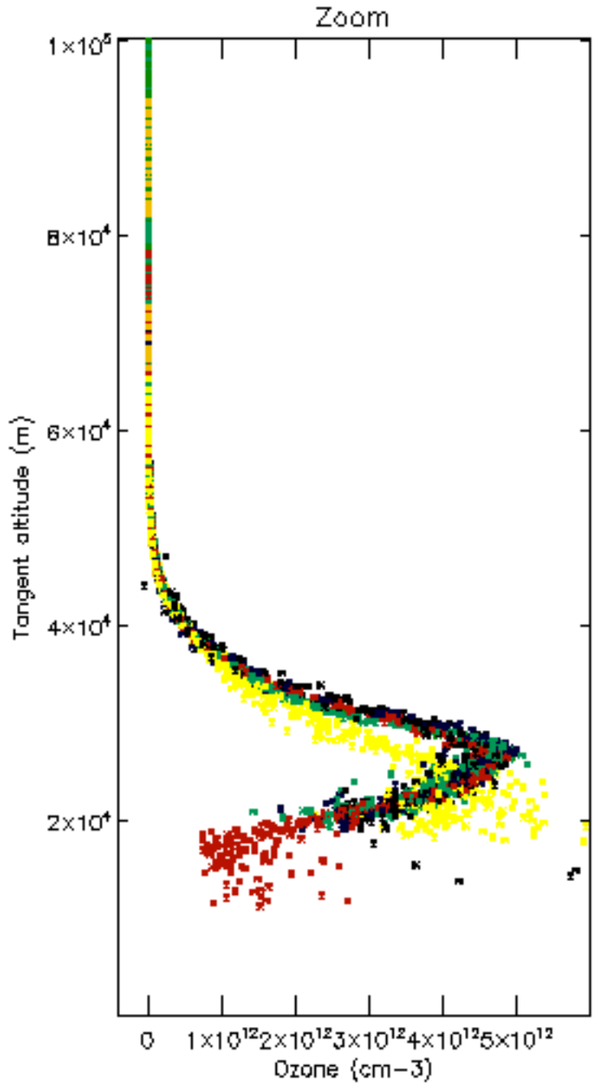




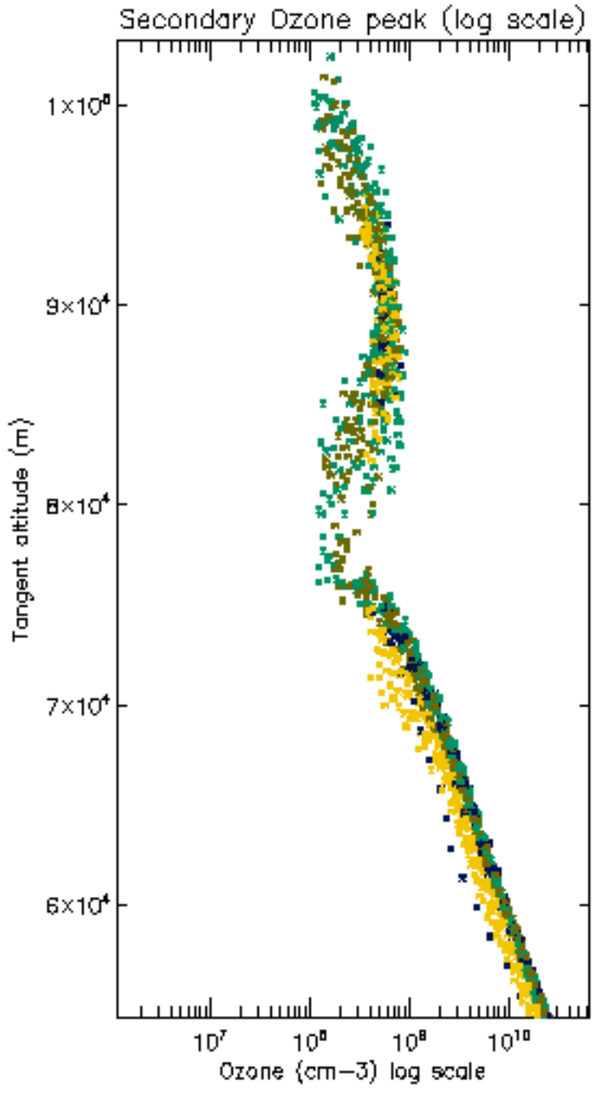
Ozone profiles

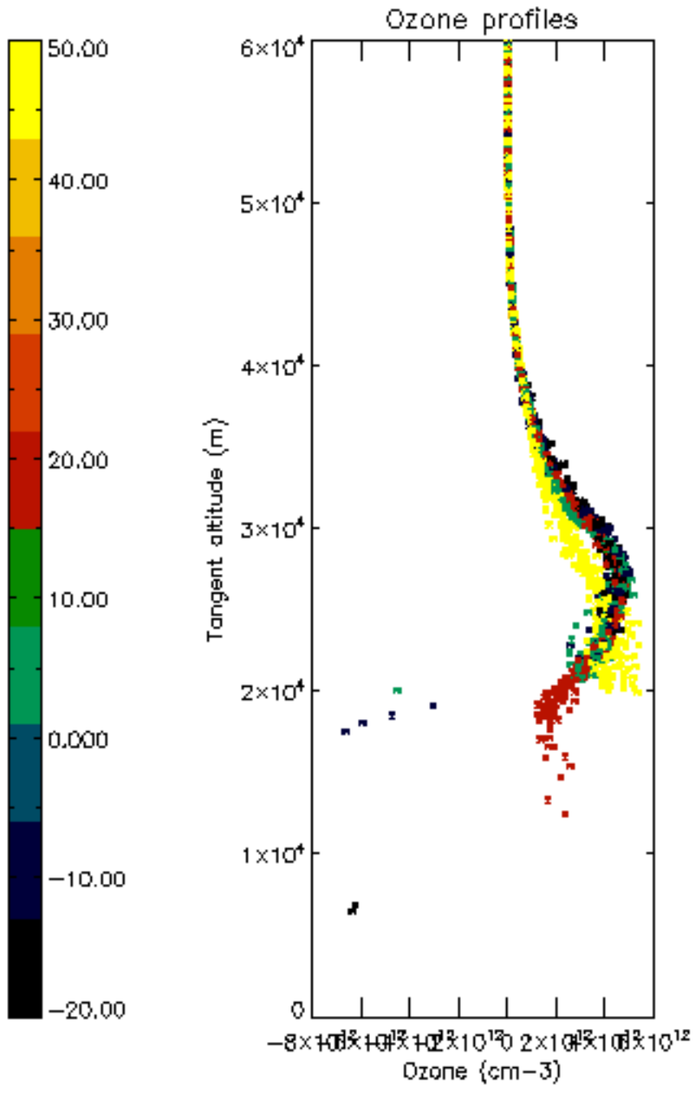


Zoom



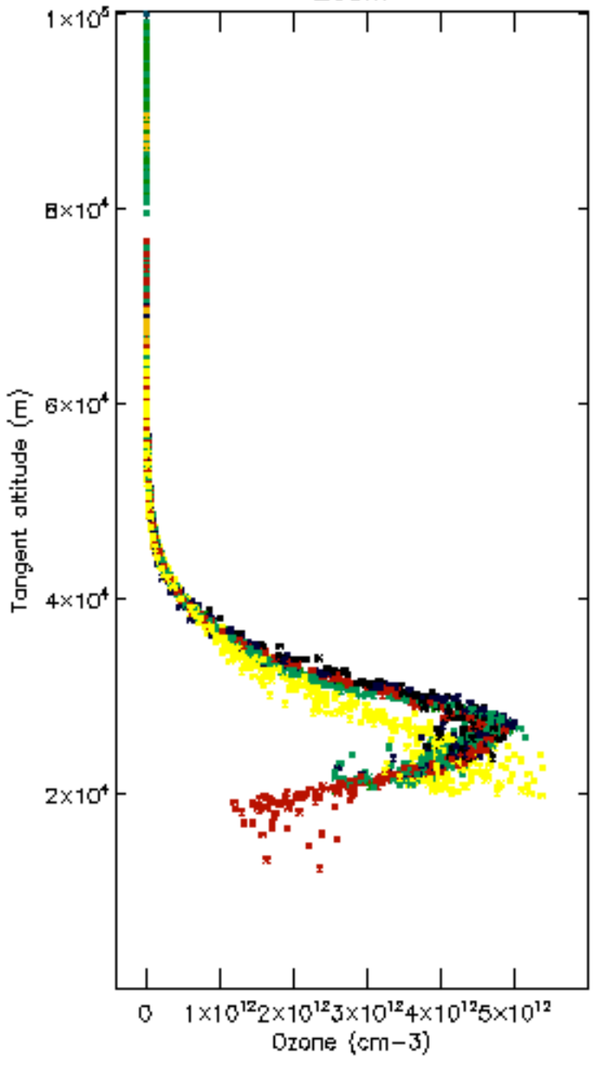
Secondary Ozone peak (log scale)



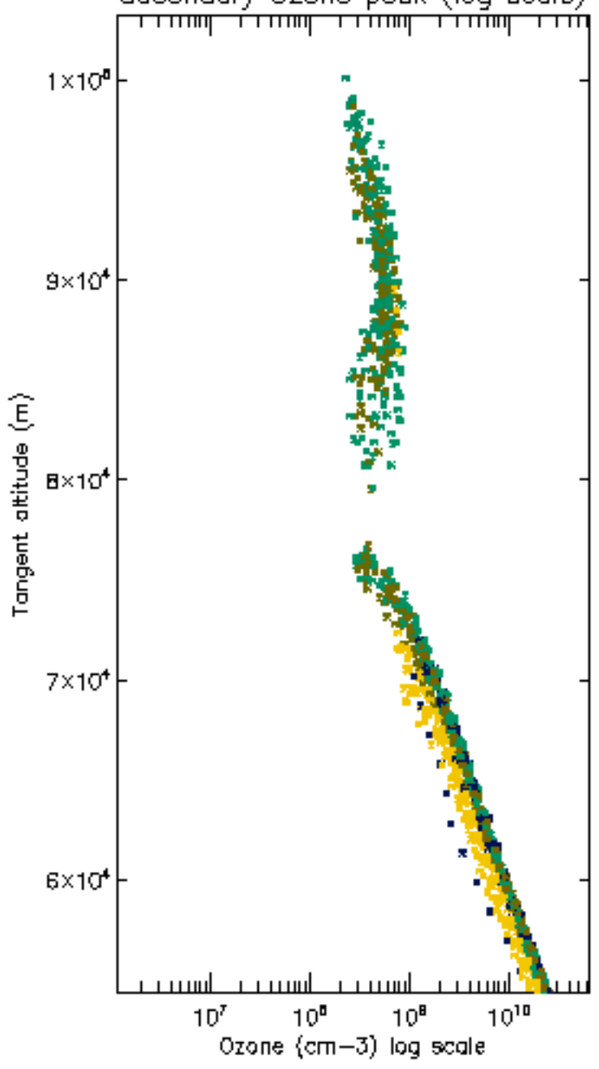


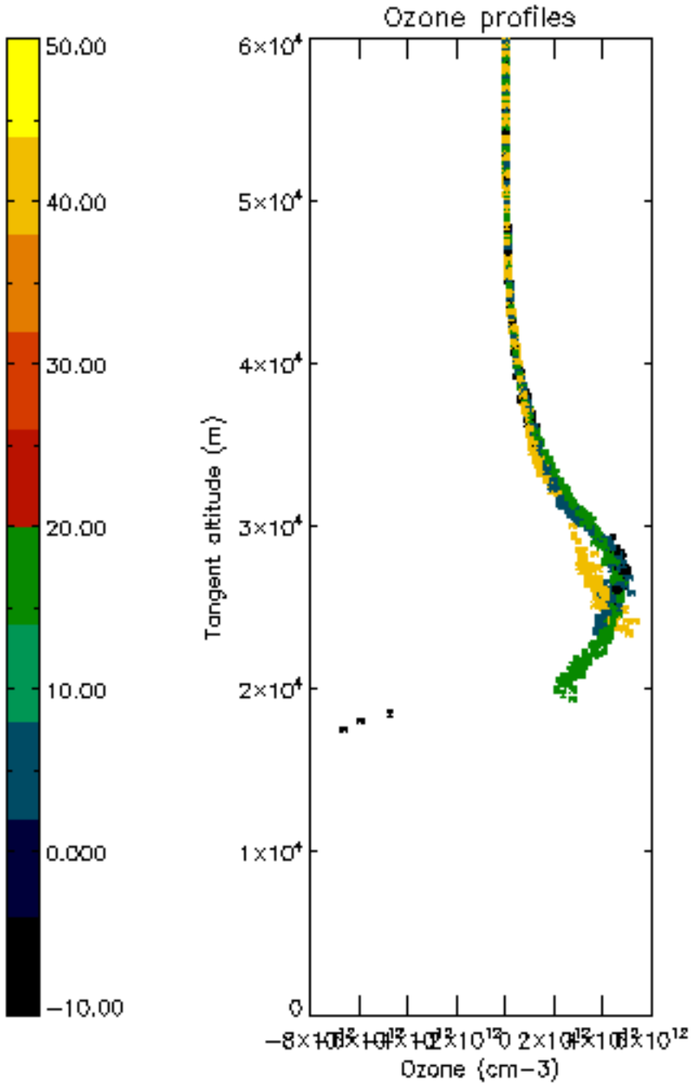
Ozone profiles

Zoom

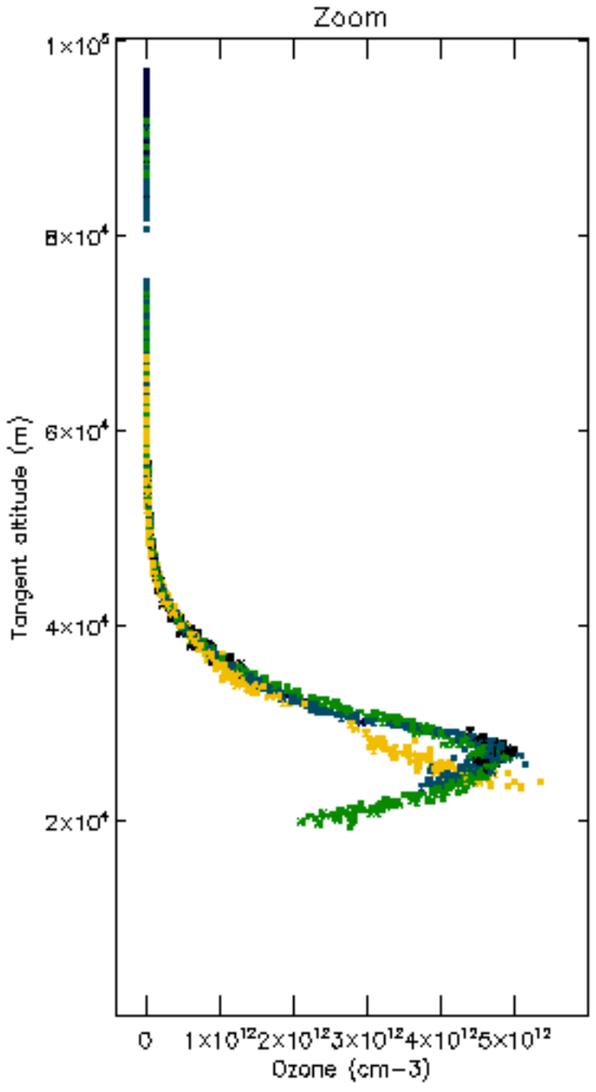


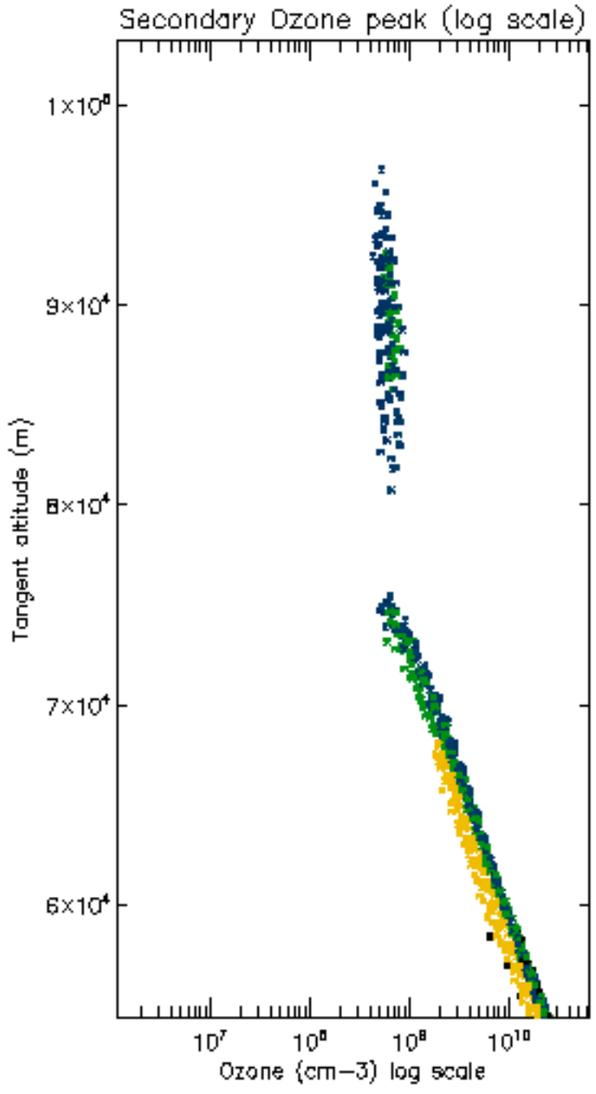
Secondary Ozone peak (log scale)

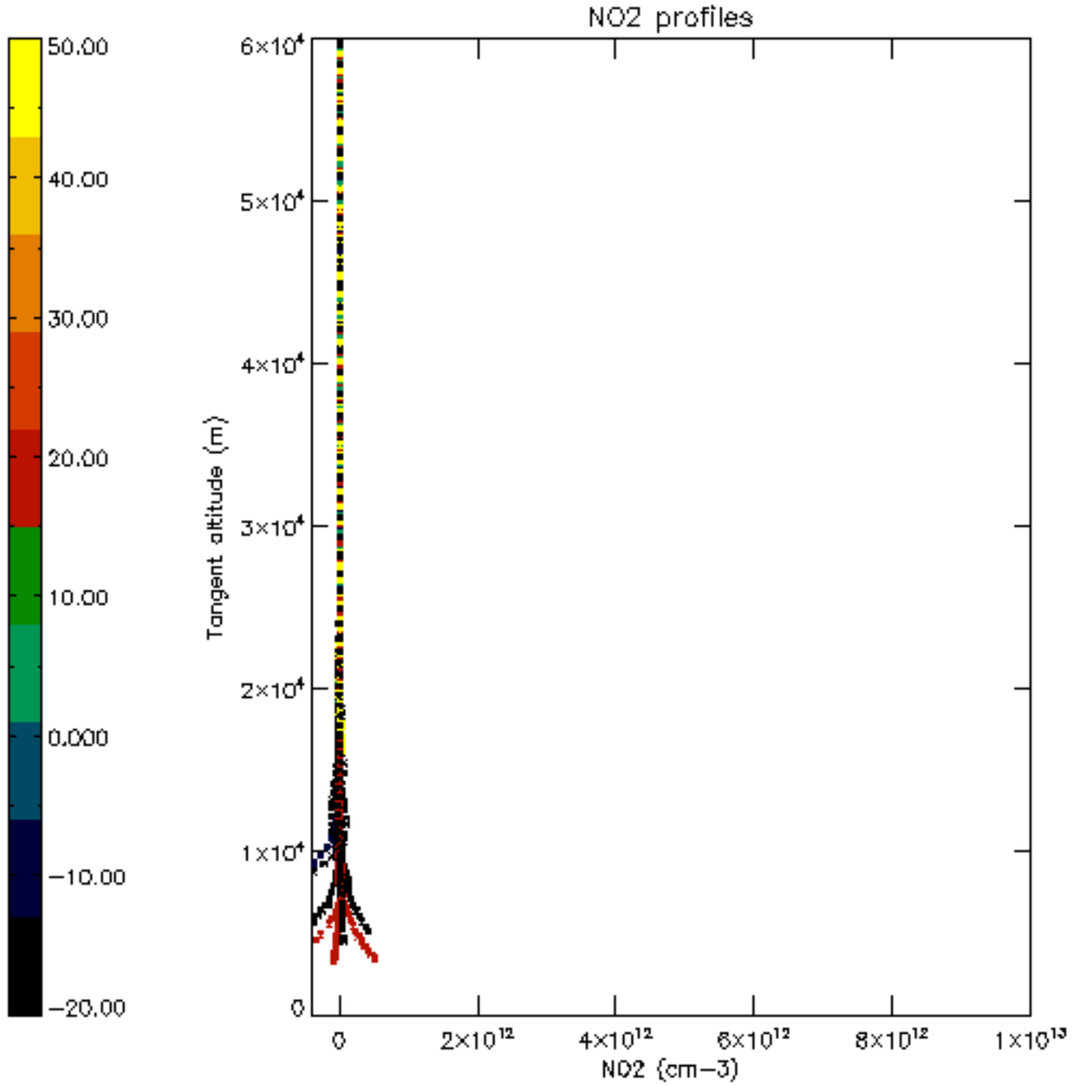


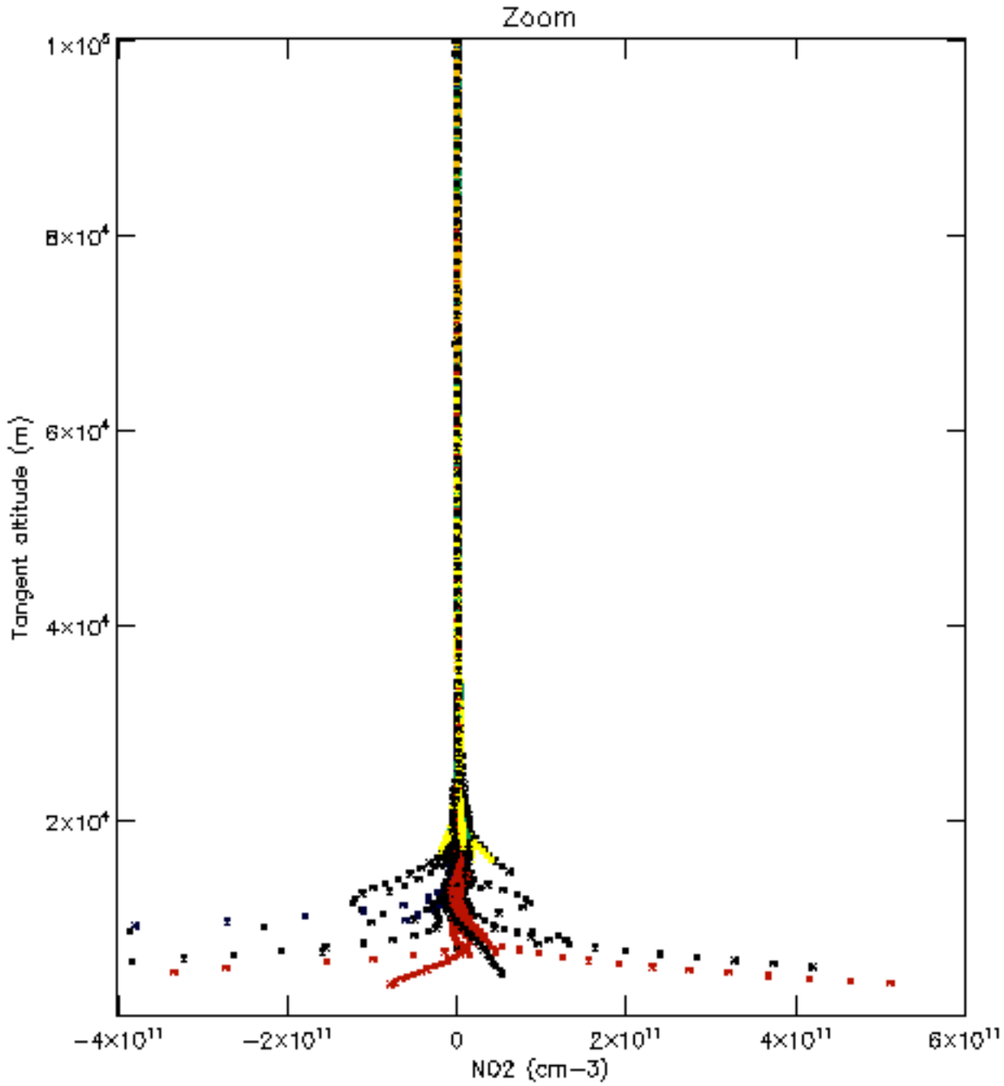

50.00
40.00
30.00
20.00
10.00
0.000
−10.00

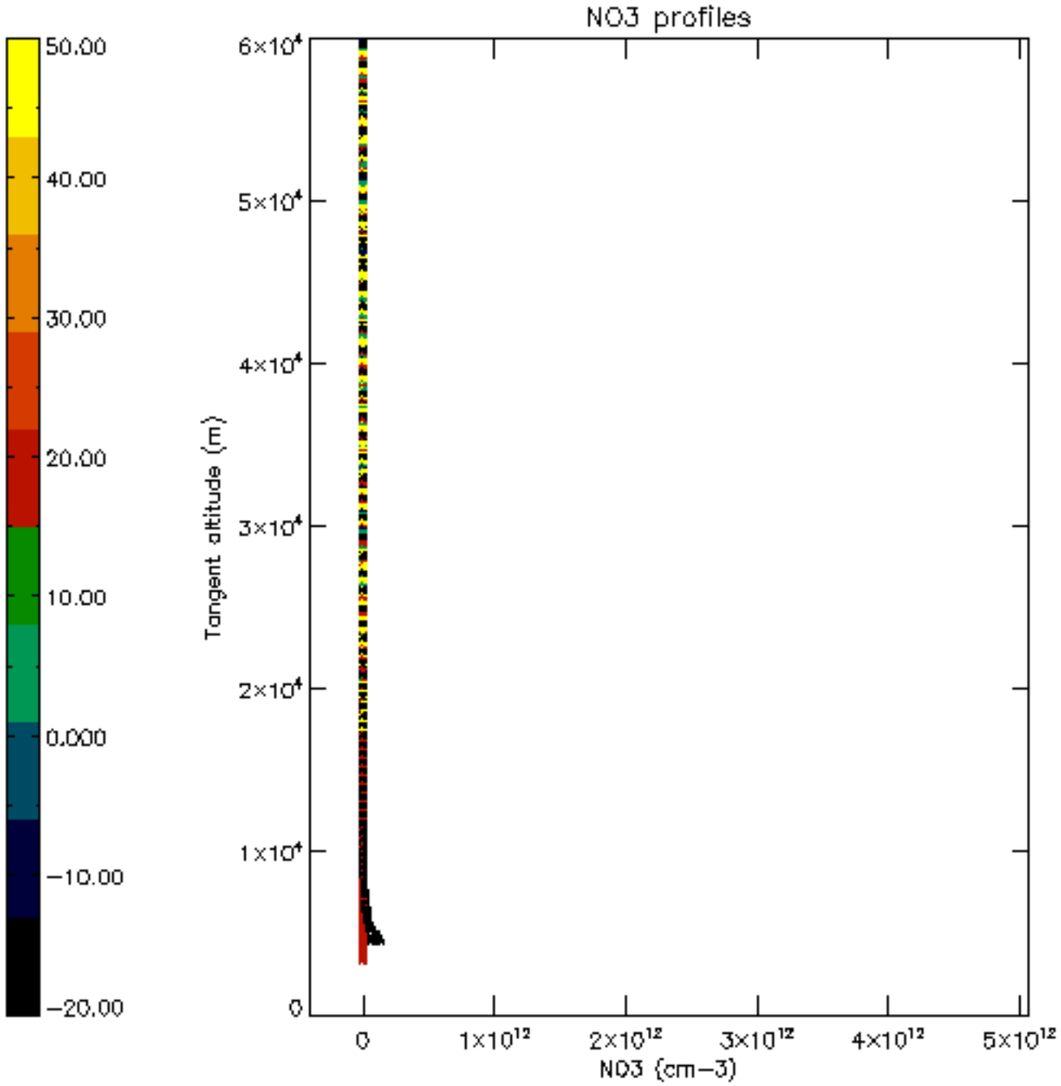
Ozone profiles
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Ozone (cm−3)

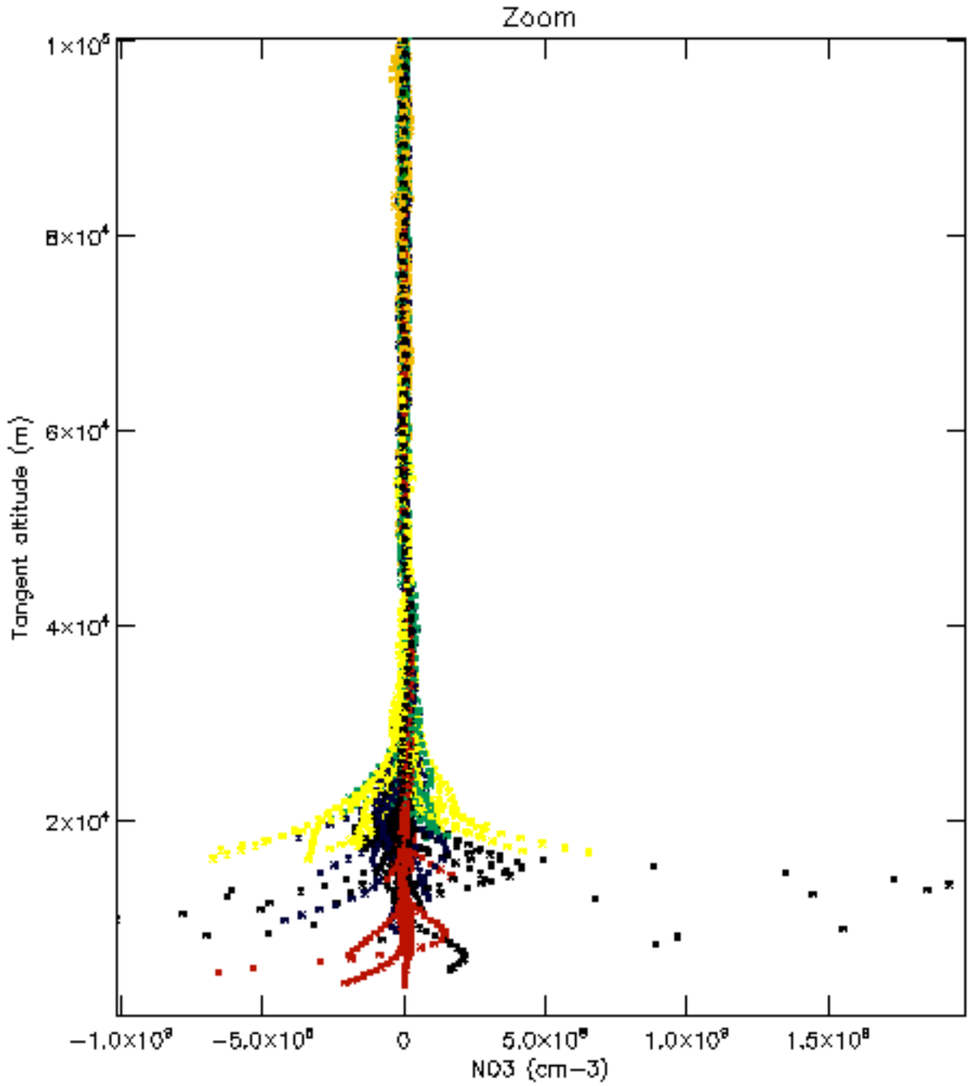

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

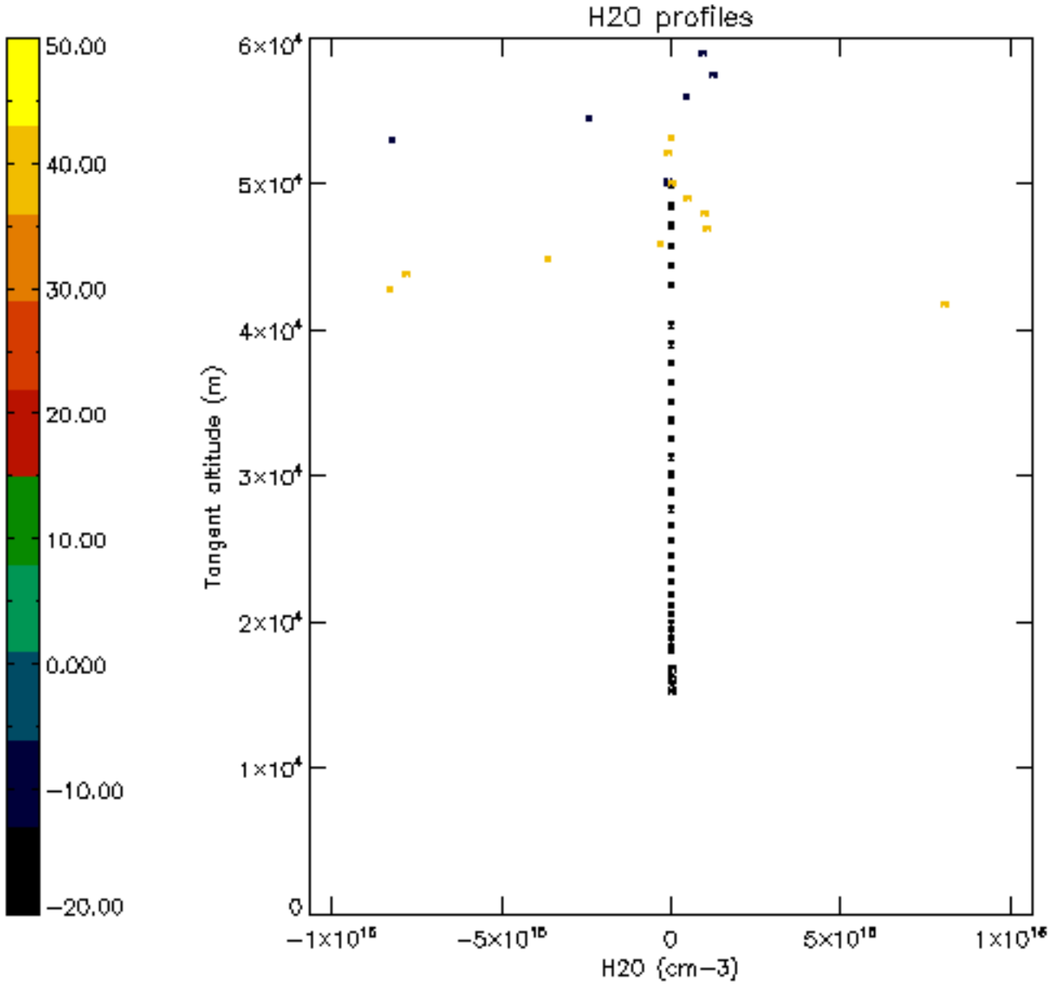

Secondary Ozone peak (log scale)
Tangent altitude (m)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

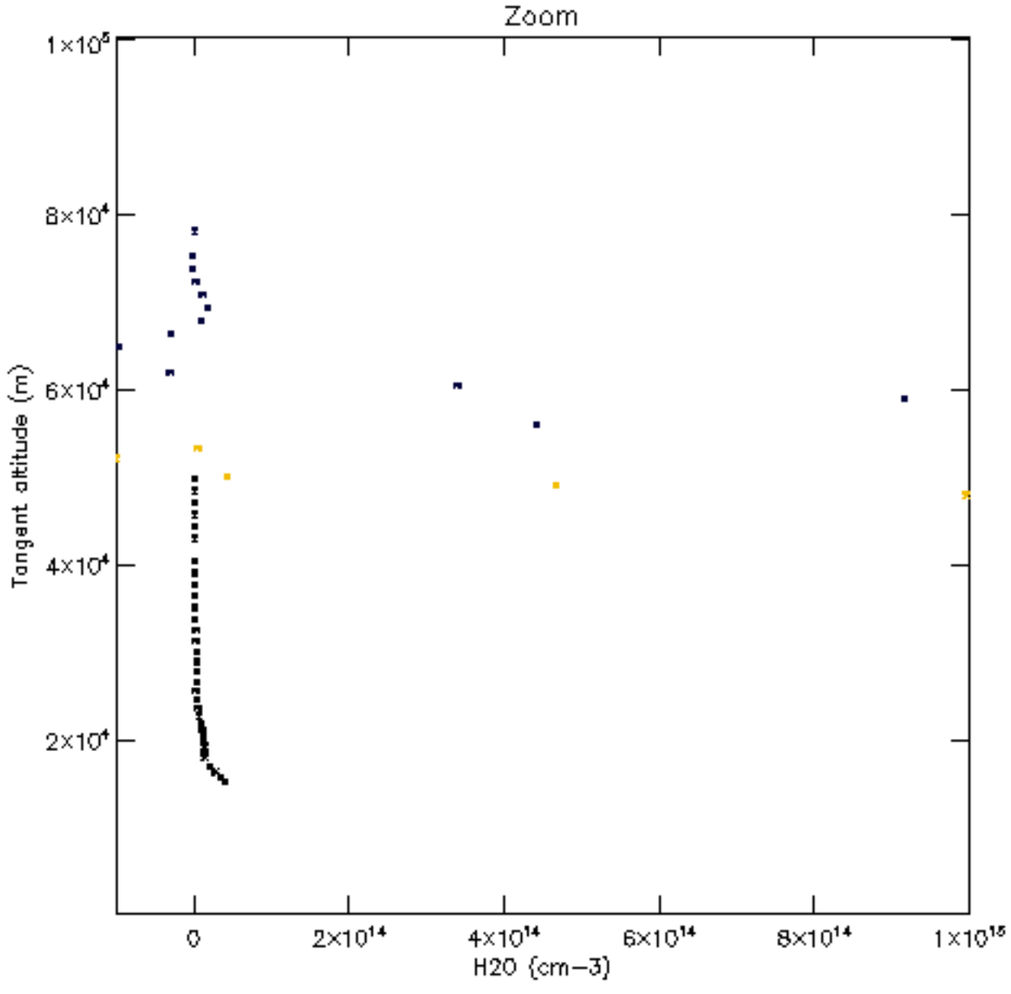

NO2 profiles
50.00
40.00
30.00
20.00
10.00
0.000
−10.00
−20.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


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
50.00
40.00
30.00
20.00
10.00
0.000
−10.00
−20.00
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
−1.0×10⁸
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


H2O profiles
50.00
40.00
30.00
20.00
10.00
0.000
−10.00
−20.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁶
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)


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