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	29APR2013 13:38:33
Data source version	GOMOS/6.01
Start time of products	31-07-2010 (31JUL2010 00:00:00)
Stop time of products	01-08-2010 (01AUG2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	266
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__2PRFIN20100731_000353_000000542091_00360_44001_8978.N1	31-JUL-2010 00:03:53	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44001	No
2	GOM_NL__2PRFIN20100731_000929_000000432091_00360_44001_8979.N1	31-JUL-2010 00:09:29	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	44001	No
3	GOM_NL__2PRFIN20100731_001238_000000482091_00360_44001_8980.N1	31-JUL-2010 00:12:38	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	44001	No
4	GOM_NL__2PRFIN20100731_002840_000000402091_00360_44001_8981.N1	31-JUL-2010 00:28:40	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	44001	No
5	GOM_NL__2PRFIN20100731_003729_000000442091_00360_44001_8982.N1	31-JUL-2010 00:37:29	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	44001	No
6	GOM_NL__2PRFIN20100731_003918_000000382091_00360_44001_8983.N1	31-JUL-2010 00:39:18	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44001	No
7	GOM_NL__2PRFIN20100731_004558_000000412091_00360_44001_8984.N1	31-JUL-2010 00:45:58	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44001	No
8	GOM_NL__2PRFIN20100731_010223_000000492091_00360_44001_8985.N1	31-JUL-2010 01:02:23	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	44001	No
9	GOM_NL__2PRFIN20100731_010420_000000412091_00360_44001_8986.N1	31-JUL-2010 01:04:20	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	44001	No
10	GOM_NL__2PRFIN20100731_010616_000000662091_00360_44001_8987.N1	31-JUL-2010 01:06:16	Bright	66.000	149	45Eps Per	2.8880	30000.	132	44001	No
11	GOM_NL__2PRFIN20100731_010918_000000532091_00360_44001_8988.N1	31-JUL-2010 01:09:18	Twi_and_stray	52.500	150	44Zet Per	2.8900	28000.	105	44001	No
12	GOM_NL__2PRFIN20100731_011135_000000412091_00360_44001_8989.N1	31-JUL-2010 01:11:35	Twi_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	44001	No
13	GOM_NL__2PRFIN20100731_011402_000000512091_00360_44001_8990.N1	31-JUL-2010 01:14:02	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	44001	No
14	GOM_NL__2PRFIN20100731_011603_000000402091_00360_44001_8991.N1	31-JUL-2010 01:16:03	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	44001	No
15	GOM_NL__2PRFIN20100731_012024_000000402091_00360_44001_8992.N1	31-JUL-2010 01:20:24	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	44001	No
16	GOM_NL__2PRFIN20100731_012450_000000542091_00360_44001_8993.N1	31-JUL-2010 01:24:50	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	44001	No
17	GOM_NL__2PRFIN20100731_013951_000000442091_00361_44002_8448.N1	31-JUL-2010 01:39:51	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44002	No
18	GOM_NL__2PRFIN20100731_014430_000000672091_00361_44002_8449.N1	31-JUL-2010 01:44:30	Straylight	66.500	84	Alp Phe	2.3970	4500.0	133	44002	No
19	GOM_NL__2PRFIN20100731_015006_000000452091_00361_44002_8450.N1	31-JUL-2010 01:50:06	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	44002	No
20	GOM_NL__2PRFIN20100731_015315_000000462091_00361_44002_8451.N1	31-JUL-2010 01:53:15	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	44002	No
21	GOM_NL__2PRFIN20100731_020916_000000382091_00361_44002_8452.N1	31-JUL-2010 02:09:16	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	44002	No
22	GOM_NL__2PRFIN20100731_021804_000000462091_00361_44002_8453.N1	31-JUL-2010 02:18:04	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	44002	No
23	GOM_NL__2PRFIN20100731_021954_000000362091_00361_44002_8454.N1	31-JUL-2010 02:19:54	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	44002	No
24	GOM_NL__2PRFIN20100731_022634_000000392091_00361_44002_8455.N1	31-JUL-2010 02:26:34	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44002	No
25	GOM_NL__2PRFIN20100731_024121_000000492091_00361_44002_8456.N1	31-JUL-2010 02:41:21	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	44002	No
26	GOM_NL__2PRFIN20100731_024258_000000472091_00361_44002_8457.N1	31-JUL-2010 02:42:58	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	44002	No
27	GOM_NL__2PRFIN20100731_024456_000000402091_00361_44002_8458.N1	31-JUL-2010 02:44:56	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	44002	No
28	GOM_NL__2PRFIN20100731_024652_000000482091_00361_44002_8459.N1	31-JUL-2010 02:46:52	Bright	48.000	149	45Eps Per	2.8880	30000.	96	44002	No
29	GOM_NL__2PRFIN20100731_024954_000000552091_00361_44002_8460.N1	31-JUL-2010 02:49:54	Twi_and_stray	55.000	150	44Zet Per	2.8900	28000.	110	44002	No
30	GOM_NL__2PRFIN20100731_025211_000000392091_00361_44002_8461.N1	31-JUL-2010 02:52:11	Twi_and_stray	38.500	176	23Zet Tau	3.0200	22000.	77	44002	No
31	GOM_NL__2PRFIN20100731_025438_000000562091_00361_44002_8462.N1	31-JUL-2010 02:54:38	Dark	55.500	13	87Alp Tau	0.86700	3800.0	111	44002	No
32	GOM_NL__2PRFIN20100731_025639_000000382091_00361_44002_8463.N1	31-JUL-2010 02:56:39	Dark	38.000	27	24Gam Ori	1.6360	26000.	76	44002	No
33	GOM_NL__2PRFIN20100731_030101_000000482091_00361_44002_8464.N1	31-JUL-2010 03:01:01	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	44002	No
34	GOM_NL__2PRFIN20100731_030527_000000542091_00361_44002_8465.N1	31-JUL-2010 03:05:27	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	44002	No
35	GOM_NL__2PRFIN20100731_031452_000000472091_00361_44002_8466.N1	31-JUL-2010 03:14:52	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44002	No
36	GOM_NL__2PRFIN20100731_032027_000000492091_00362_44003_8456.N1	31-JUL-2010 03:20:27	Dark	49.000	9	Alp Eri	0.45300	24000.	98	44003	No
37	GOM_NL__2PRFIN20100731_032507_000000542091_00362_44003_8457.N1	31-JUL-2010 03:25:07	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	44003	No
38	GOM_NL__2PRFIN20100731_033042_000000452091_00362_44003_8458.N1	31-JUL-2010 03:30:42	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	44003	No
39	GOM_NL__2PRFIN20100731_033351_000000452091_00362_44003_8459.N1	31-JUL-2010 03:33:51	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	44003	No
40	GOM_NL__2PRFIN20100731_034952_000000392091_00362_44003_8460.N1	31-JUL-2010 03:49:52	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	44003	No
41	GOM_NL__2PRFIN20100731_035840_000000432091_00362_44003_8461.N1	31-JUL-2010 03:58:40	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	44003	No
42	GOM_NL__2PRFIN20100731_040030_000000372091_00362_44003_8462.N1	31-JUL-2010 04:00:30	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	44003	No

43	GOM_NL__2PRFIN20100731_040709_000000412091_00362_44003_8463.N1	31-JUL-2010 04:07:09	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44003	No
44	GOM_NL__2PRFIN20100731_042156_000000492091_00362_44003_8464.N1	31-JUL-2010 04:21:56	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	44003	No
45	GOM_NL__2PRFIN20100731_042334_000000502091_00362_44003_8465.N1	31-JUL-2010 04:23:34	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	44003	No
46	GOM_NL__2PRFIN20100731_042532_000000442091_00362_44003_8466.N1	31-JUL-2010 04:25:32	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	44003	No
47	GOM_NL__2PRFIN20100731_042727_000000482091_00362_44003_8467.N1	31-JUL-2010 04:27:27	Bright	47.500	149	45Eps Per	2.8880	30000.	95	44003	No
48	GOM_NL__2PRFIN20100731_043030_000000552091_00362_44003_8468.N1	31-JUL-2010 04:30:30	Twi_and_stray	54.500	150	44Zet Per	2.8900	28000.	109	44003	No
49	GOM_NL__2PRFIN20100731_043247_000000392091_00362_44003_8469.N1	31-JUL-2010 04:32:47	Twi_and_stray	39.000	176	23Zet Tau	3.0200	22000.	78	44003	No
50	GOM_NL__2PRFIN20100731_043514_000000552091_00362_44003_8470.N1	31-JUL-2010 04:35:14	Dark	55.000	13	87Alp Tau	0.86700	3800.0	110	44003	No
51	GOM_NL__2PRFIN20100731_043716_000000392091_00362_44003_8471.N1	31-JUL-2010 04:37:16	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	44003	No
52	GOM_NL__2PRFIN20100731_044137_000000462091_00362_44003_8472.N1	31-JUL-2010 04:41:37	Dark	45.500	7	19Bet Ori	0.10000	14000.	91	44003	No
53	GOM_NL__2PRFIN20100731_044604_000000612091_00362_44003_8473.N1	31-JUL-2010 04:46:04	Dark	60.500	165	34Gam Eri	2.9500	3200.0	121	44003	No
54	GOM_NL__2PRFIN20100731_045528_000000472091_00362_44003_8474.N1	31-JUL-2010 04:55:28	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44003	No
55	GOM_NL__2PRFIN20100731_050104_000000522091_00363_44004_8465.N1	31-JUL-2010 05:01:04	Dark	52.000	9	Alp Eri	0.45300	24000.	104	44004	No
56	GOM_NL__2PRFIN20100731_050544_000000562091_00363_44004_8466.N1	31-JUL-2010 05:05:44	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44004	No
57	GOM_NL__2PRFIN20100731_051119_000000522091_00363_44004_8467.N1	31-JUL-2010 05:11:19	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	44004	No
58	GOM_NL__2PRFIN20100731_051428_000000472091_00363_44004_8468.N1	31-JUL-2010 05:14:28	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	44004	No
59	GOM_NL__2PRFIN20100731_053028_000000402091_00363_44004_8469.N1	31-JUL-2010 05:30:28	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	44004	No
60	GOM_NL__2PRFIN20100731_053915_000000472091_00363_44004_8470.N1	31-JUL-2010 05:39:15	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	44004	No
61	GOM_NL__2PRFIN20100731_054106_000000372091_00363_44004_8471.N1	31-JUL-2010 05:41:06	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44004	No
62	GOM_NL__2PRFIN20100731_054745_000000412091_00363_44004_8472.N1	31-JUL-2010 05:47:45	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44004	No
63	GOM_NL__2PRFIN20100731_060232_000000482091_00363_44004_8473.N1	31-JUL-2010 06:02:32	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	44004	No
64	GOM_NL__2PRFIN20100731_060410_000000502091_00363_44004_8474.N1	31-JUL-2010 06:04:10	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	44004	No
65	GOM_NL__2PRFIN20100731_060608_000000452091_00363_44004_8475.N1	31-JUL-2010 06:06:08	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	44004	No
66	GOM_NL__2PRFIN20100731_060803_000000462091_00363_44004_8476.N1	31-JUL-2010 06:08:03	Bright	46.000	149	45Eps Per	2.8880	30000.	92	44004	No
67	GOM_NL__2PRFIN20100731_061106_000000562091_00363_44004_8477.N1	31-JUL-2010 06:11:06	Twi_and_stray	55.500	150	44Zet Per	2.8900	28000.	111	44004	No
68	GOM_NL__2PRFIN20100731_061324_000000382091_00363_44004_8478.N1	31-JUL-2010 06:13:24	Twi_and_stray	38.000	176	23Zet Tau	3.0200	22000.	76	44004	No
69	GOM_NL__2PRFIN20100731_061551_000000522091_00363_44004_8479.N1	31-JUL-2010 06:15:51	Dark	52.000	13	87Alp Tau	0.86700	3800.0	104	44004	No
70	GOM_NL__2PRFIN20100731_061752_000000412091_00363_44004_8480.N1	31-JUL-2010 06:17:52	Dark	40.500	27	24Gam Ori	1.6360	26000.	81	44004	No
71	GOM_NL__2PRFIN20100731_062214_000000472091_00363_44004_8481.N1	31-JUL-2010 06:22:14	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	44004	No
72	GOM_NL__2PRFIN20100731_062641_000000522091_00363_44004_8482.N1	31-JUL-2010 06:26:41	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	44004	No
73	GOM_NL__2PRFIN20100731_063605_000000462091_00363_44004_8483.N1	31-JUL-2010 06:36:05	Dark	46.000	157	The1Eri	2.9060	9300.0	92	44004	No
74	GOM_NL__2PRFIN20100731_064141_000000552091_00364_44005_8712.N1	31-JUL-2010 06:41:41	Dark	55.000	9	Alp Eri	0.45300	24000.	110	44005	No
75	GOM_NL__2PRFIN20100731_064621_000000552091_00364_44005_8713.N1	31-JUL-2010 06:46:21	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44005	No
76	GOM_NL__2PRFIN20100731_065155_000000442091_00364_44005_8714.N1	31-JUL-2010 06:51:55	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	44005	No
77	GOM_NL__2PRFIN20100731_065504_000000442091_00364_44005_8715.N1	31-JUL-2010 06:55:04	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	44005	No
78	GOM_NL__2PRFIN20100731_071104_000000392091_00364_44005_8716.N1	31-JUL-2010 07:11:04	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	44005	No
79	GOM_NL__2PRFIN20100731_071951_000000462091_00364_44005_8717.N1	31-JUL-2010 07:19:51	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	44005	No
80	GOM_NL__2PRFIN20100731_072142_000000382091_00364_44005_8718.N1	31-JUL-2010 07:21:42	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	44005	No
81	GOM_NL__2PRFIN20100731_072821_000000422091_00364_44005_8719.N1	31-JUL-2010 07:28:21	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	44005	No
82	GOM_NL__2PRFIN20100731_074307_000000682091_00364_44005_8720.N1	31-JUL-2010 07:43:07	Bright	68.000	160	23Gam Per	2.9300	4700.0	136	44005	No
83	GOM_NL__2PRFIN20100731_074446_000000452091_00364_44005_8721.N1	31-JUL-2010 07:44:46	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	44005	No
84	GOM_NL__2PRFIN20100731_074644_000000452091_00364_44005_8722.N1	31-JUL-2010 07:46:44	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	44005	No
85	GOM_NL__2PRFIN20100731_074839_000000482091_00364_44005_8723.N1	31-JUL-2010 07:48:39	Bright	47.500	149	45Eps Per	2.8880	30000.	95	44005	No
86	GOM_NL__2PRFIN20100731_075143_000000542091_00364_44005_8724.N1	31-JUL-2010 07:51:43	Twi_and_stray	54.000	150	44Zet Per	2.8900	28000.	108	44005	No
87	GOM_NL__2PRFIN20100731_075400_000000402091_00364_44005_8725.N1	31-JUL-2010 07:54:00	Twi_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	44005	No
88	GOM_NL__2PRFIN20100731_075627_000000572091_00364_44005_8726.N1	31-JUL-2010 07:56:27	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	44005	No
89	GOM_NL__2PRFIN20100731_075828_000000372091_00364_44005_8727.N1	31-JUL-2010 07:58:28	Dark	36.500	27	24Gam Ori	1.6360	26000.	73	44005	No
90	GOM_NL__2PRFIN20100731_080250_000000482091_00364_44005_8728.N1	31-JUL-2010 08:02:50	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	44005	No
91	GOM_NL__2PRFIN20100731_080718_000000542091_00364_44005_8729.N1	31-JUL-2010 08:07:18	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	44005	No
92	GOM_NL__2PRFIN20100731_081642_000000452091_00364_44005_8730.N1	31-JUL-2010 08:16:42	Dark	45.000	157	The1Eri	2.9060	9300.0	90	44005	No
93	GOM_NL__2PRFIN20100731_082217_000000432091_00365_44006_8720.N1	31-JUL-2010 08:22:17	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44006	No
94	GOM_NL__2PRFIN20100731_082658_000000632091_00365_44006_8721.N1	31-JUL-2010 08:26:58	Straylight	62.500	84	Alp Phe	2.3970	4500.0	125	44006	No
95	GOM_NL__2PRFIN20100731_083232_000000452091_00365_44006_8722.N1	31-JUL-2010 08:32:32	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	44006	No
96	GOM_NL__2PRFIN20100731_083541_000000442091_00365_44006_8723.N1	31-JUL-2010 08:35:41	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	44006	No
97	GOM_NL__2PRFIN20100731_085140_000000392091_00365_44006_8724.N1	31-JUL-2010 08:51:40	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	44006	No
98	GOM_NL__2PRFIN20100731_090026_000000482091_00365_44006_8725.N1	31-JUL-2010 09:00:26	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	44006	No
99	GOM_NL__2PRFIN20100731_090217_000000382091_00365_44006_8726.N1	31-JUL-2010 09:02:17	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44006	No
100	GOM_NL__2PRFIN20100731_090856_000000412091_00365_44006_8727.N1	31-JUL-2010 09:08:56	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44006	No
101	GOM_NL__2PRFIN20100731_092343_000000672091_00365_44006_8728.N1	31-JUL-2010 09:23:43	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	44006	No

102	GOM_NL__2PRFIN20100731_092621_000000592091_00365_44006_8729.N1	31-JUL-2010 09:26:21	Bright	59.000	175	39Del Per	3.0100	19400.	118	44006	No
103	GOM_NL__2PRFIN20100731_092915_000000452091_00365_44006_8730.N1	31-JUL-2010 09:29:15	Bright	45.000	149	45Eps Per	2.8880	30000.	90	44006	No
104	GOM_NL__2PRFIN20100731_093219_000000552091_00365_44006_8731.N1	31-JUL-2010 09:32:19	Twi_and_stray	54.500	150	44Zet Per	2.8900	28000.	109	44006	No
105	GOM_NL__2PRFIN20100731_093436_000000382091_00365_44006_8732.N1	31-JUL-2010 09:34:36	Twi_and_stray	38.000	176	23Zet Tau	3.0200	22000.	76	44006	No
106	GOM_NL__2PRFIN20100731_093704_000000562091_00365_44006_8733.N1	31-JUL-2010 09:37:04	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	44006	No
107	GOM_NL__2PRFIN20100731_093905_000000392091_00365_44006_8734.N1	31-JUL-2010 09:39:05	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	44006	No
108	GOM_NL__2PRFIN20100731_094326_000000502091_00365_44006_8735.N1	31-JUL-2010 09:43:26	Dark	50.000	7	19Bet Ori	0.10000	14000.	100	44006	No
109	GOM_NL__2PRFIN20100731_094755_000000552091_00365_44006_8736.N1	31-JUL-2010 09:47:55	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	44006	No
110	GOM_NL__2PRFIN20100731_095719_000000462091_00365_44006_8737.N1	31-JUL-2010 09:57:19	Dark	45.500	157	The1Eri	2.9060	9300.0	91	44006	No
111	GOM_NL__2PRFIN20100731_100254_000000432091_00366_44007_8728.N1	31-JUL-2010 10:02:54	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44007	No
112	GOM_NL__2PRFIN20100731_100735_000000672091_00366_44007_8729.N1	31-JUL-2010 10:07:35	Straylight	67.000	84	Alp Phe	2.3970	4500.0	134	44007	No
113	GOM_NL__2PRFIN20100731_101308_000000442091_00366_44007_8730.N1	31-JUL-2010 10:13:08	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	44007	No
114	GOM_NL__2PRFIN20100731_101617_000000482091_00366_44007_8731.N1	31-JUL-2010 10:16:17	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	44007	No
115	GOM_NL__2PRFIN20100731_103216_000000392091_00366_44007_8732.N1	31-JUL-2010 10:32:16	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	44007	No
116	GOM_NL__2PRFIN20100731_104101_000000442091_00366_44007_8733.N1	31-JUL-2010 10:41:01	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	44007	No
117	GOM_NL__2PRFIN20100731_104253_000000372091_00366_44007_8734.N1	31-JUL-2010 10:42:53	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44007	No
118	GOM_NL__2PRFIN20100731_104932_000000422091_00366_44007_8735.N1	31-JUL-2010 10:49:32	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	44007	No
119	GOM_NL__2PRFIN20100731_110419_000000472091_00366_44007_8736.N1	31-JUL-2010 11:04:19	Bright	47.000	160	23Gam Per	2.9300	4700.0	94	44007	No
120	GOM_NL__2PRFIN20100731_110656_000000662091_00366_44007_8737.N1	31-JUL-2010 11:06:56	Bright	66.000	175	39Del Per	3.0100	19400.	132	44007	No
121	GOM_NL__2PRFIN20100731_110951_000000502091_00366_44007_8738.N1	31-JUL-2010 11:09:51	Bright	50.000	149	45Eps Per	2.8880	30000.	100	44007	No
122	GOM_NL__2PRFIN20100731_111255_000000542091_00366_44007_8739.N1	31-JUL-2010 11:12:55	Twi_and_stray	54.000	150	44Zet Per	2.8900	28000.	108	44007	No
123	GOM_NL__2PRFIN20100731_111512_000000412091_00366_44007_8740.N1	31-JUL-2010 11:15:12	Twi_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	44007	No
124	GOM_NL__2PRFIN20100731_111740_000000632091_00366_44007_8741.N1	31-JUL-2010 11:17:40	Dark	63.000	13	87Alp Tau	0.86700	3800.0	126	44007	No
125	GOM_NL__2PRFIN20100731_111941_000000432091_00366_44007_8742.N1	31-JUL-2010 11:19:41	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	44007	No
126	GOM_NL__2PRFIN20100731_112403_000000542091_00366_44007_8743.N1	31-JUL-2010 11:24:03	Dark	54.000	7	19Bet Ori	0.10000	14000.	108	44007	No
127	GOM_NL__2PRFIN20100731_112832_000000522091_00366_44007_8744.N1	31-JUL-2010 11:28:32	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	44007	No
128	GOM_NL__2PRFIN20100731_113756_000000452091_00366_44007_8745.N1	31-JUL-2010 11:37:56	Dark	44.500	157	The1Eri	2.9060	9300.0	89	44007	No
129	GOM_NL__2PRFIN20100731_114330_000000442091_00367_44008_8756.N1	31-JUL-2010 11:43:30	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44008	No
130	GOM_NL__2PRFIN20100731_114812_000000652091_00367_44008_8757.N1	31-JUL-2010 11:48:12	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	44008	No
131	GOM_NL__2PRFIN20100731_115344_000000462091_00367_44008_8758.N1	31-JUL-2010 11:53:44	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	44008	No
132	GOM_NL__2PRFIN20100731_115654_000000462091_00367_44008_8759.N1	31-JUL-2010 11:56:54	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	44008	No
133	GOM_NL__2PRFIN20100731_121251_000000382091_00367_44008_8760.N1	31-JUL-2010 12:12:51	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	44008	No
134	GOM_NL__2PRFIN20100731_122137_000000442091_00367_44008_8761.N1	31-JUL-2010 12:21:37	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	44008	No
135	GOM_NL__2PRFIN20100731_122328_000000382091_00367_44008_8762.N1	31-JUL-2010 12:23:28	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44008	No
136	GOM_NL__2PRFIN20100731_123007_000000432091_00367_44008_8763.N1	31-JUL-2010 12:30:07	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	44008	No
137	GOM_NL__2PRFIN20100731_124454_000000492091_00367_44008_8764.N1	31-JUL-2010 12:44:54	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	44008	No
138	GOM_NL__2PRFIN20100731_124732_000000452091_00367_44008_8765.N1	31-JUL-2010 12:47:32	Bright	44.500	175	39Del Per	3.0100	19400.	89	44008	No
139	GOM_NL__2PRFIN20100731_125027_000000572091_00367_44008_8766.N1	31-JUL-2010 12:50:27	Bright	56.500	149	45Eps Per	2.8880	30000.	113	44008	No
140	GOM_NL__2PRFIN20100731_125331_000000552091_00367_44008_8767.N1	31-JUL-2010 12:53:31	Twi_and_stray	55.000	150	44Zet Per	2.8900	28000.	110	44008	No
141	GOM_NL__2PRFIN20100731_125548_000000412091_00367_44008_8768.N1	31-JUL-2010 12:55:48	Twi_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	44008	No
142	GOM_NL__2PRFIN20100731_125816_000000572091_00367_44008_8769.N1	31-JUL-2010 12:58:16	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	44008	No
143	GOM_NL__2PRFIN20100731_130017_000000462091_00367_44008_8770.N1	31-JUL-2010 13:00:17	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	44008	No
144	GOM_NL__2PRFIN20100731_130202_000000422091_00367_44008_8771.N1	31-JUL-2010 13:02:02	Dark	41.500	72	34Del Ori	2.2500	30000.	83	44008	No
145	GOM_NL__2PRFIN20100731_130439_000000452091_00367_44008_8772.N1	31-JUL-2010 13:04:39	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	44008	No
146	GOM_NL__2PRFIN20100731_130908_000000542091_00367_44008_8773.N1	31-JUL-2010 13:09:08	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	44008	No
147	GOM_NL__2PRFIN20100731_131833_000000482091_00367_44008_8774.N1	31-JUL-2010 13:18:33	Dark	47.500	157	The1Eri	2.9060	9300.0	95	44008	No
148	GOM_NL__2PRFIN20100731_132407_000000472091_00368_44009_8764.N1	31-JUL-2010 13:24:07	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44009	No
149	GOM_NL__2PRFIN20100731_132849_000000572091_00368_44009_8765.N1	31-JUL-2010 13:28:49	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	44009	No
150	GOM_NL__2PRFIN20100731_133421_000000472091_00368_44009_8766.N1	31-JUL-2010 13:34:21	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	44009	No
151	GOM_NL__2PRFIN20100731_133730_000000452091_00368_44009_8767.N1	31-JUL-2010 13:37:30	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	44009	No
152	GOM_NL__2PRFIN20100731_135327_000000392091_00368_44009_8768.N1	31-JUL-2010 13:53:27	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	44009	No
153	GOM_NL__2PRFIN20100731_140212_000000472091_00368_44009_8769.N1	31-JUL-2010 14:02:12	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	44009	No
154	GOM_NL__2PRFIN20100731_140404_000000402091_00368_44009_8770.N1	31-JUL-2010 14:04:04	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	44009	No
155	GOM_NL__2PRFIN20100731_141042_000000422091_00368_44009_8771.N1	31-JUL-2010 14:10:42	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	44009	No
156	GOM_NL__2PRFIN20100731_142530_000000452091_00368_44009_8772.N1	31-JUL-2010 14:25:30	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	44009	No
157	GOM_NL__2PRFIN20100731_142808_000000522091_00368_44009_8773.N1	31-JUL-2010 14:28:08	Bright	52.000	175	39Del Per	3.0100	19400.	104	44009	No
158	GOM_NL__2PRFIN20100731_143103_000000442091_00368_44009_8774.N1	31-JUL-2010 14:31:03	Bright	44.000	149	45Eps Per	2.8880	30000.	88	44009	No
159	GOM_NL__2PRFIN20100731_143407_000000532091_00368_44009_8775.N1	31-JUL-2010 14:34:07	Twi_and_stray	53.000	150	44Zet Per	2.8900	28000.	106	44009	No
160	GOM_NL__2PRFIN20100731_143624_000000402091_00368_44009_8776.N1	31-JUL-2010 14:36:24	Twi_and_stray	39.500	176	23Zet Tau	3.0200	22000.	79	44009	No

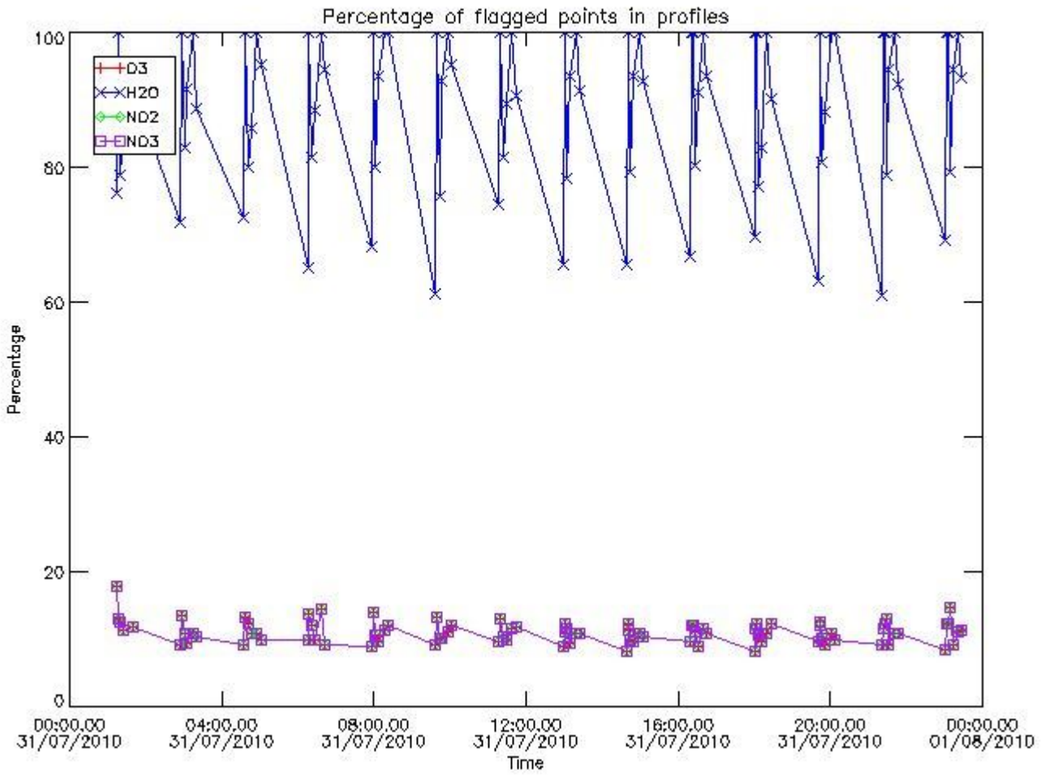
161	GOM_NL__2PRFIN20100731_143853_000000632091_00368_44009_8777.N1	31-JUL-2010 14:38:53	Dark	63.000	13	87Alp Tau	0.86700	3800.0	126	44009	No
162	GOM_NL__2PRFIN20100731_144053_000000452091_00368_44009_8778.N1	31-JUL-2010 14:40:53	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	44009	No
163	GOM_NL__2PRFIN20100731_144238_000000422091_00368_44009_8779.N1	31-JUL-2010 14:42:38	Dark	41.500	72	34Del Ori	2.2500	30000.	83	44009	No
164	GOM_NL__2PRFIN20100731_144515_000000512091_00368_44009_8780.N1	31-JUL-2010 14:45:15	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	44009	No
165	GOM_NL__2PRFIN20100731_144945_000000542091_00368_44009_8781.N1	31-JUL-2010 14:49:45	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	44009	No
166	GOM_NL__2PRFIN20100731_145910_000000472091_00368_44009_8782.N1	31-JUL-2010 14:59:10	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44009	No
167	GOM_NL__2PRFIN20100731_150443_000000492091_00369_44010_8773.N1	31-JUL-2010 15:04:43	Dark	49.000	9	Alp Eri	0.45300	24000.	98	44010	No
168	GOM_NL__2PRFIN20100731_150926_000000592091_00369_44010_8774.N1	31-JUL-2010 15:09:26	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	44010	No
169	GOM_NL__2PRFIN20100731_151457_000000452091_00369_44010_8775.N1	31-JUL-2010 15:14:57	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	44010	No
170	GOM_NL__2PRFIN20100731_151806_000000442091_00369_44010_8776.N1	31-JUL-2010 15:18:06	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	44010	No
171	GOM_NL__2PRFIN20100731_153403_000000392091_00369_44010_8777.N1	31-JUL-2010 15:34:03	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	44010	No
172	GOM_NL__2PRFIN20100731_154248_000000472091_00369_44010_8778.N1	31-JUL-2010 15:42:48	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	44010	No
173	GOM_NL__2PRFIN20100731_154440_000000372091_00369_44010_8779.N1	31-JUL-2010 15:44:40	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44010	No
174	GOM_NL__2PRFIN20100731_155118_000000412091_00369_44010_8780.N1	31-JUL-2010 15:51:18	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44010	No
175	GOM_NL__2PRFIN20100731_160605_000000492091_00369_44010_8781.N1	31-JUL-2010 16:06:05	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	44010	No
176	GOM_NL__2PRFIN20100731_160844_000000532091_00369_44010_8782.N1	31-JUL-2010 16:08:44	Bright	53.000	175	39Del Per	3.0100	19400.	106	44010	No
177	GOM_NL__2PRFIN20100731_161139_000000482091_00369_44010_8783.N1	31-JUL-2010 16:11:39	Bright	48.000	149	45Eps Per	2.8880	30000.	96	44010	No
178	GOM_NL__2PRFIN20100731_161443_000000532091_00369_44010_8784.N1	31-JUL-2010 16:14:43	Twi_and_stray	52.500	150	44Zet Per	2.8900	28000.	105	44010	No
179	GOM_NL__2PRFIN20100731_161700_000000412091_00369_44010_8785.N1	31-JUL-2010 16:17:00	Twi_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	44010	No
180	GOM_NL__2PRFIN20100731_161929_000000532091_00369_44010_8786.N1	31-JUL-2010 16:19:29	Dark	53.000	13	87Alp Tau	0.86700	3800.0	106	44010	No
181	GOM_NL__2PRFIN20100731_162129_000000432091_00369_44010_8787.N1	31-JUL-2010 16:21:29	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	44010	No
182	GOM_NL__2PRFIN20100731_162314_000000432091_00369_44010_8788.N1	31-JUL-2010 16:23:14	Dark	42.500	72	34Del Ori	2.2500	30000.	85	44010	No
183	GOM_NL__2PRFIN20100731_162552_000000462091_00369_44010_8789.N1	31-JUL-2010 16:25:52	Dark	46.000	7	19Bet Ori	0.10000	14000.	92	44010	No
184	GOM_NL__2PRFIN20100731_163022_000000572091_00369_44010_8790.N1	31-JUL-2010 16:30:22	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	44010	No
185	GOM_NL__2PRFIN20100731_163947_000000452091_00369_44010_8791.N1	31-JUL-2010 16:39:47	Dark	44.500	157	The1Eri	2.9060	9300.0	89	44010	No
186	GOM_NL__2PRFIN20100731_164520_000000472091_00370_44011_8781.N1	31-JUL-2010 16:45:20	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44011	No
187	GOM_NL__2PRFIN20100731_165003_000000562091_00370_44011_8782.N1	31-JUL-2010 16:50:03	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44011	No
188	GOM_NL__2PRFIN20100731_165534_000000452091_00370_44011_8783.N1	31-JUL-2010 16:55:34	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	44011	No
189	GOM_NL__2PRFIN20100731_165843_000000462091_00370_44011_8784.N1	31-JUL-2010 16:58:43	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	44011	No
190	GOM_NL__2PRFIN20100731_171439_000000382091_00370_44011_8785.N1	31-JUL-2010 17:14:39	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	44011	No
191	GOM_NL__2PRFIN20100731_172323_000000452091_00370_44011_8786.N1	31-JUL-2010 17:23:23	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	44011	No
192	GOM_NL__2PRFIN20100731_172515_000000402091_00370_44011_8787.N1	31-JUL-2010 17:25:15	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	44011	No
193	GOM_NL__2PRFIN20100731_173154_000000412091_00370_44011_8788.N1	31-JUL-2010 17:31:54	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44011	No
194	GOM_NL__2PRFIN20100731_174641_000000492091_00370_44011_8789.N1	31-JUL-2010 17:46:41	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	44011	No
195	GOM_NL__2PRFIN20100731_174919_000000432091_00370_44011_8790.N1	31-JUL-2010 17:49:19	Bright	42.500	175	39Del Per	3.0100	19400.	85	44011	No
196	GOM_NL__2PRFIN20100731_175215_000000462091_00370_44011_8791.N1	31-JUL-2010 17:52:15	Bright	46.000	149	45Eps Per	2.8880	30000.	92	44011	No
197	GOM_NL__2PRFIN20100731_175519_000000532091_00370_44011_8792.N1	31-JUL-2010 17:55:19	Twi_and_stray	53.000	150	44Zet Per	2.8900	28000.	106	44011	No
198	GOM_NL__2PRFIN20100731_175736_000000412091_00370_44011_8793.N1	31-JUL-2010 17:57:36	Twi_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	44011	No
199	GOM_NL__2PRFIN20100731_180005_000000632091_00370_44011_8794.N1	31-JUL-2010 18:00:05	Dark	63.000	13	87Alp Tau	0.86700	3800.0	126	44011	No
200	GOM_NL__2PRFIN20100731_180206_000000442091_00370_44011_8795.N1	31-JUL-2010 18:02:06	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	44011	No
201	GOM_NL__2PRFIN20100731_180351_000000422091_00370_44011_8796.N1	31-JUL-2010 18:03:51	Dark	41.500	72	34Del Ori	2.2500	30000.	83	44011	No
202	GOM_NL__2PRFIN20100731_180628_000000492091_00370_44011_8797.N1	31-JUL-2010 18:06:28	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	44011	No
203	GOM_NL__2PRFIN20100731_181059_000000532091_00370_44011_8798.N1	31-JUL-2010 18:10:59	Dark	53.000	165	34Gam Eri	2.9500	3200.0	106	44011	No
204	GOM_NL__2PRFIN20100731_182024_000000472091_00370_44011_8799.N1	31-JUL-2010 18:20:24	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44011	No
205	GOM_NL__2PRFIN20100731_182557_000000462091_00371_44012_8862.N1	31-JUL-2010 18:25:57	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44012	No
206	GOM_NL__2PRFIN20100731_183040_000000562091_00371_44012_8863.N1	31-JUL-2010 18:30:40	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44012	No
207	GOM_NL__2PRFIN20100731_183610_000000522091_00371_44012_8864.N1	31-JUL-2010 18:36:10	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	44012	No
208	GOM_NL__2PRFIN20100731_183919_000000462091_00371_44012_8865.N1	31-JUL-2010 18:39:19	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	44012	No
209	GOM_NL__2PRFIN20100731_185515_000000382091_00371_44012_8866.N1	31-JUL-2010 18:55:15	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	44012	No
210	GOM_NL__2PRFIN20100731_190358_000000462091_00371_44012_8867.N1	31-JUL-2010 19:03:58	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	44012	No
211	GOM_NL__2PRFIN20100731_190551_000000392091_00371_44012_8868.N1	31-JUL-2010 19:05:51	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	44012	No
212	GOM_NL__2PRFIN20100731_191229_000000442091_00371_44012_8869.N1	31-JUL-2010 19:12:29	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	44012	No
213	GOM_NL__2PRFIN20100731_192717_000000492091_00371_44012_8870.N1	31-JUL-2010 19:27:17	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	44012	No
214	GOM_NL__2PRFIN20100731_192955_000000532091_00371_44012_8871.N1	31-JUL-2010 19:29:55	Bright	53.000	175	39Del Per	3.0100	19400.	106	44012	No
215	GOM_NL__2PRFIN20100731_193250_000000482091_00371_44012_8872.N1	31-JUL-2010 19:32:50	Bright	48.000	149	45Eps Per	2.8880	30000.	96	44012	No
216	GOM_NL__2PRFIN20100731_193555_000000452091_00371_44012_8873.N1	31-JUL-2010 19:35:55	Twi_and_stray	45.000	150	44Zet Per	2.8900	28000.	90	44012	No
217	GOM_NL__2PRFIN20100731_193813_000000422091_00371_44012_8874.N1	31-JUL-2010 19:38:13	Twi_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	44012	No
218	GOM_NL__2PRFIN20100731_194042_000000542091_00371_44012_8875.N1	31-JUL-2010 19:40:42	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	44012	No
219	GOM_NL__2PRFIN20100731_194242_000000432091_00371_44012_8876.N1	31-JUL-2010 19:42:42	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	44012	No

220	GOM_NL__2PRFIN20100731_194427_000000412091_00371_44012_8877.N1	31-JUL-2010 19:44:27	Dark	41.000	72	34Del Ori	2.2500	30000.	82	44012	No
221	GOM_NL__2PRFIN20100731_194705_000000502091_00371_44012_8878.N1	31-JUL-2010 19:47:05	Dark	50.000	7	19Bet Ori	0.10000	14000.	100	44012	No
222	GOM_NL__2PRFIN20100731_195136_000000562091_00371_44012_8879.N1	31-JUL-2010 19:51:36	Dark	55.500	165	34Gam Eri	2.9500	3200.0	111	44012	No
223	GOM_NL__2PRFIN20100731_200101_000000472091_00371_44012_8880.N1	31-JUL-2010 20:01:01	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44012	No
224	GOM_NL__2PRFIN20100731_200633_000000522091_00372_44013_8872.N1	31-JUL-2010 20:06:33	Dark	51.500	9	Alp Eri	0.45300	24000.	103	44013	No
225	GOM_NL__2PRFIN20100731_201117_000000542091_00372_44013_8873.N1	31-JUL-2010 20:11:17	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	44013	No
226	GOM_NL__2PRFIN20100731_201647_000000502091_00372_44013_8874.N1	31-JUL-2010 20:16:47	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	44013	No
227	GOM_NL__2PRFIN20100731_201956_000000452091_00372_44013_8875.N1	31-JUL-2010 20:19:56	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	44013	No
228	GOM_NL__2PRFIN20100731_203551_000000382091_00372_44013_8876.N1	31-JUL-2010 20:35:51	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	44013	No
229	GOM_NL__2PRFIN20100731_204434_000000432091_00372_44013_8877.N1	31-JUL-2010 20:44:34	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	44013	No
230	GOM_NL__2PRFIN20100731_204627_000000382091_00372_44013_8878.N1	31-JUL-2010 20:46:27	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44013	No
231	GOM_NL__2PRFIN20100731_205305_000000422091_00372_44013_8879.N1	31-JUL-2010 20:53:05	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	44013	No
232	GOM_NL__2PRFIN20100731_210752_000000482091_00372_44013_8880.N1	31-JUL-2010 21:07:52	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	44013	No
233	GOM_NL__2PRFIN20100731_211031_000000532091_00372_44013_8881.N1	31-JUL-2010 21:10:31	Bright	53.000	175	39Del Per	3.0100	19400.	106	44013	No
234	GOM_NL__2PRFIN20100731_211327_000000442091_00372_44013_8882.N1	31-JUL-2010 21:13:27	Bright	44.000	149	45Eps Per	2.8880	30000.	88	44013	No
235	GOM_NL__2PRFIN20100731_211631_000000452091_00372_44013_8883.N1	31-JUL-2010 21:16:31	Twi_and_stray	45.000	150	44Zet Per	2.8900	28000.	90	44013	No
236	GOM_NL__2PRFIN20100731_211849_000000412091_00372_44013_8884.N1	31-JUL-2010 21:18:49	Twi_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	44013	No
237	GOM_NL__2PRFIN20100731_212118_000000562091_00372_44013_8885.N1	31-JUL-2010 21:21:18	Dark	55.500	13	87Alp Tau	0.86700	3800.0	111	44013	No
238	GOM_NL__2PRFIN20100731_212318_000000452091_00372_44013_8886.N1	31-JUL-2010 21:23:18	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	44013	No
239	GOM_NL__2PRFIN20100731_212504_000000422091_00372_44013_8887.N1	31-JUL-2010 21:25:04	Dark	41.500	72	34Del Ori	2.2500	30000.	83	44013	No
240	GOM_NL__2PRFIN20100731_212741_000000432091_00372_44013_8888.N1	31-JUL-2010 21:27:41	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	44013	No
241	GOM_NL__2PRFIN20100731_213213_000000562091_00372_44013_8889.N1	31-JUL-2010 21:32:13	Dark	55.500	165	34Gam Eri	2.9500	3200.0	111	44013	No
242	GOM_NL__2PRFIN20100731_214138_000000472091_00372_44013_8890.N1	31-JUL-2010 21:41:38	Dark	47.000	157	The1Eri	2.9060	9300.0	94	44013	No
243	GOM_NL__2PRFIN20100731_214710_000000472091_00373_44014_8880.N1	31-JUL-2010 21:47:10	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44014	No
244	GOM_NL__2PRFIN20100731_215154_000000552091_00373_44014_8881.N1	31-JUL-2010 21:51:54	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44014	No
245	GOM_NL__2PRFIN20100731_215723_000000432091_00373_44014_8882.N1	31-JUL-2010 21:57:23	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	44014	No
246	GOM_NL__2PRFIN20100731_220032_000000452091_00373_44014_8883.N1	31-JUL-2010 22:00:32	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	44014	No
247	GOM_NL__2PRFIN20100731_221627_000000382091_00373_44014_8884.N1	31-JUL-2010 22:16:27	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	44014	No
248	GOM_NL__2PRFIN20100731_222509_000000422091_00373_44014_8885.N1	31-JUL-2010 22:25:09	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	44014	No
249	GOM_NL__2PRFIN20100731_222702_000000382091_00373_44014_8886.N1	31-JUL-2010 22:27:02	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44014	No
250	GOM_NL__2PRFIN20100731_223340_000000422091_00373_44014_8887.N1	31-JUL-2010 22:33:40	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	44014	No
251	GOM_NL__2PRFIN20100731_224828_000000472091_00373_44014_8888.N1	31-JUL-2010 22:48:28	Bright	47.000	160	23Gam Per	2.9300	4700.0	94	44014	No
252	GOM_NL__2PRFIN20100731_225106_000000442091_00373_44014_8889.N1	31-JUL-2010 22:51:06	Bright	44.000	175	39Del Per	3.0100	19400.	88	44014	No
253	GOM_NL__2PRFIN20100731_225402_000000462091_00373_44014_8890.N1	31-JUL-2010 22:54:02	Bright	45.500	149	45Eps Per	2.8880	30000.	91	44014	No
254	GOM_NL__2PRFIN20100731_225707_000000372091_00373_44014_8891.N1	31-JUL-2010 22:57:07	Twi_and_stray	37.000	150	44Zet Per	2.8900	28000.	74	44014	No
255	GOM_NL__2PRFIN20100731_225925_000000422091_00373_44014_8892.N1	31-JUL-2010 22:59:25	Twi_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	44014	No
256	GOM_NL__2PRFIN20100731_230154_000000612091_00373_44014_8893.N1	31-JUL-2010 23:01:54	Dark	60.500	13	87Alp Tau	0.86700	3800.0	121	44014	No
257	GOM_NL__2PRFIN20100731_230354_000000422091_00373_44014_8894.N1	31-JUL-2010 23:03:54	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	44014	No
258	GOM_NL__2PRFIN20100731_230540_000000422091_00373_44014_8895.N1	31-JUL-2010 23:05:40	Dark	41.500	72	34Del Ori	2.2500	30000.	83	44014	No
259	GOM_NL__2PRFIN20100731_230817_000000412091_00373_44014_8896.N1	31-JUL-2010 23:08:17	Dark	41.000	7	19Bet Ori	0.10000	14000.	82	44014	No
260	GOM_NL__2PRFIN20100731_231250_000000552091_00373_44014_8897.N1	31-JUL-2010 23:12:50	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	44014	No
261	GOM_NL__2PRFIN20100731_232214_000000462091_00373_44014_8898.N1	31-JUL-2010 23:22:14	Dark	45.500	157	The1Eri	2.9060	9300.0	91	44014	No
262	GOM_NL__2PRFIN20100731_232746_000000452091_00374_44015_8888.N1	31-JUL-2010 23:27:46	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44015	No
263	GOM_NL__2PRFIN20100731_233231_000000572091_00374_44015_8889.N1	31-JUL-2010 23:32:31	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	44015	No
264	GOM_NL__2PRFIN20100731_233800_000000452091_00374_44015_8890.N1	31-JUL-2010 23:38:00	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	44015	No
265	GOM_NL__2PRFIN20100731_234108_000000472091_00374_44015_8891.N1	31-JUL-2010 23:41:08	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	44015	No
266	GOM_NL__2PRFIN20100731_235702_000000402091_00374_44015_8892.N1	31-JUL-2010 23:57:02	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	44015	No

3. Quality information per product

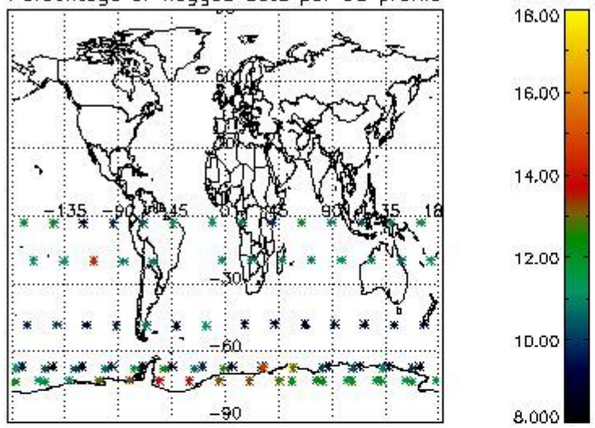
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

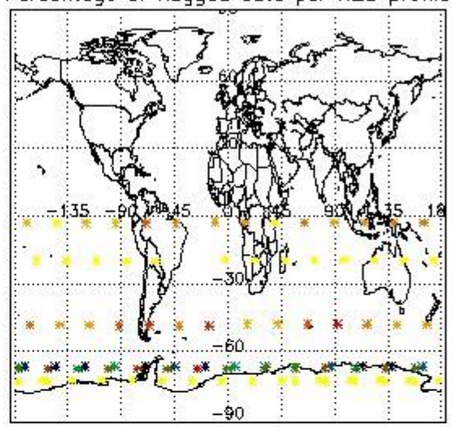


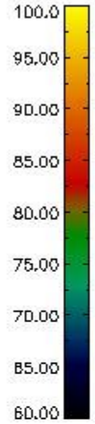
3.2 Plot quality information per product (world map)

Percentage of flagged data per O3 profile

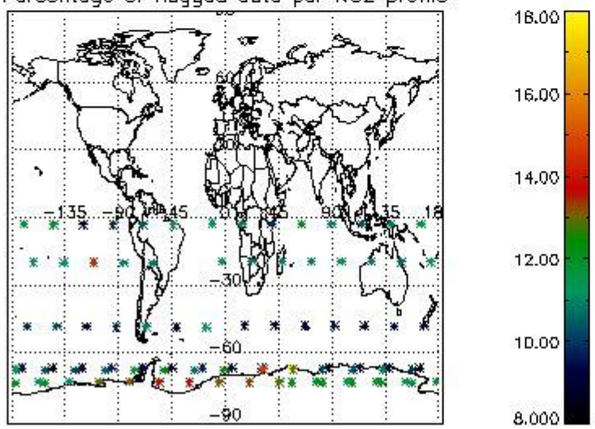


Percentage of flagged data per H2O profile

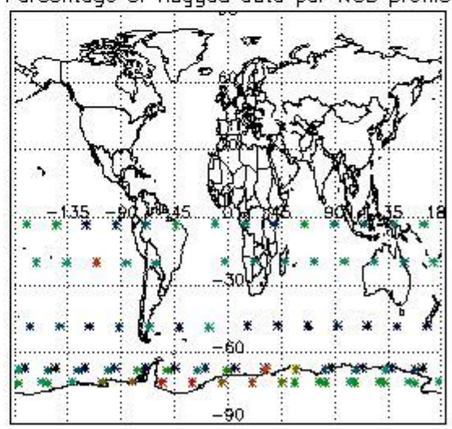


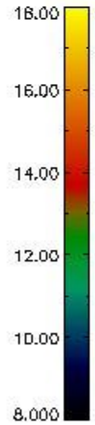


Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



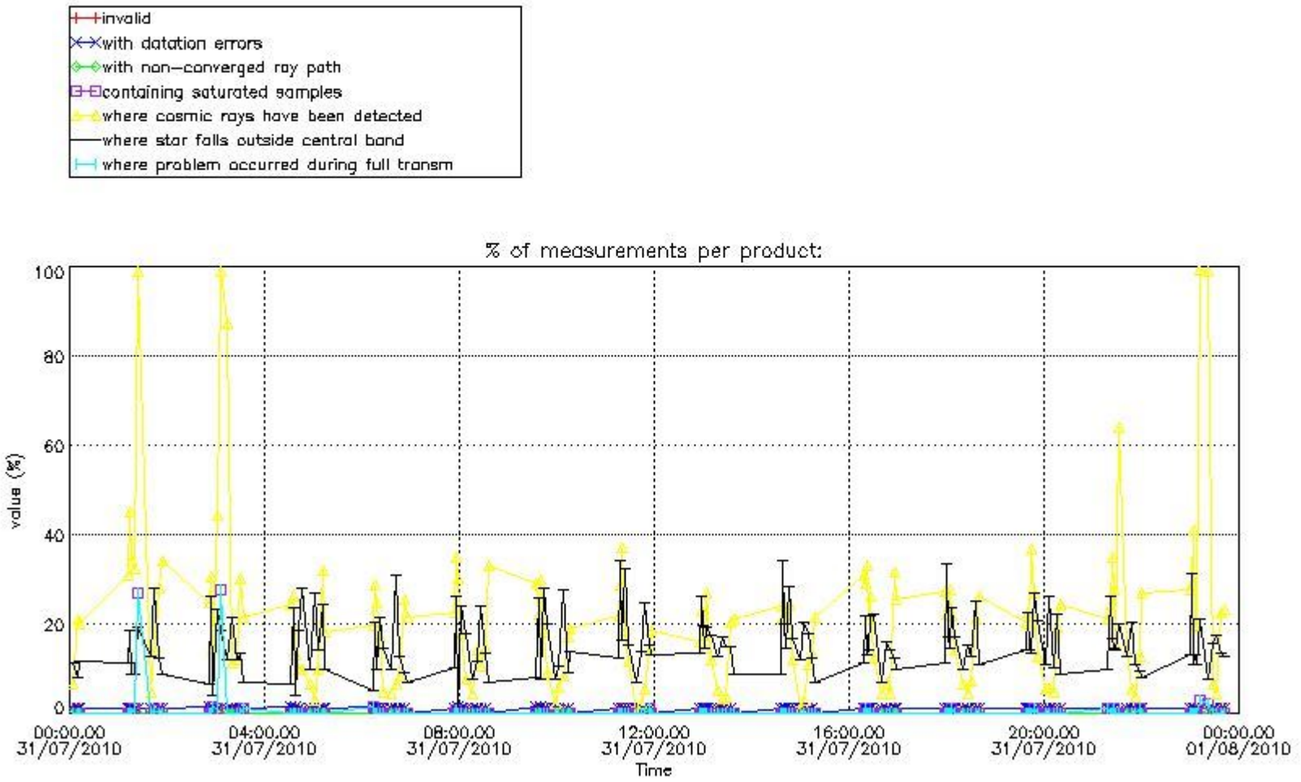


4. Level 1 quality information per product

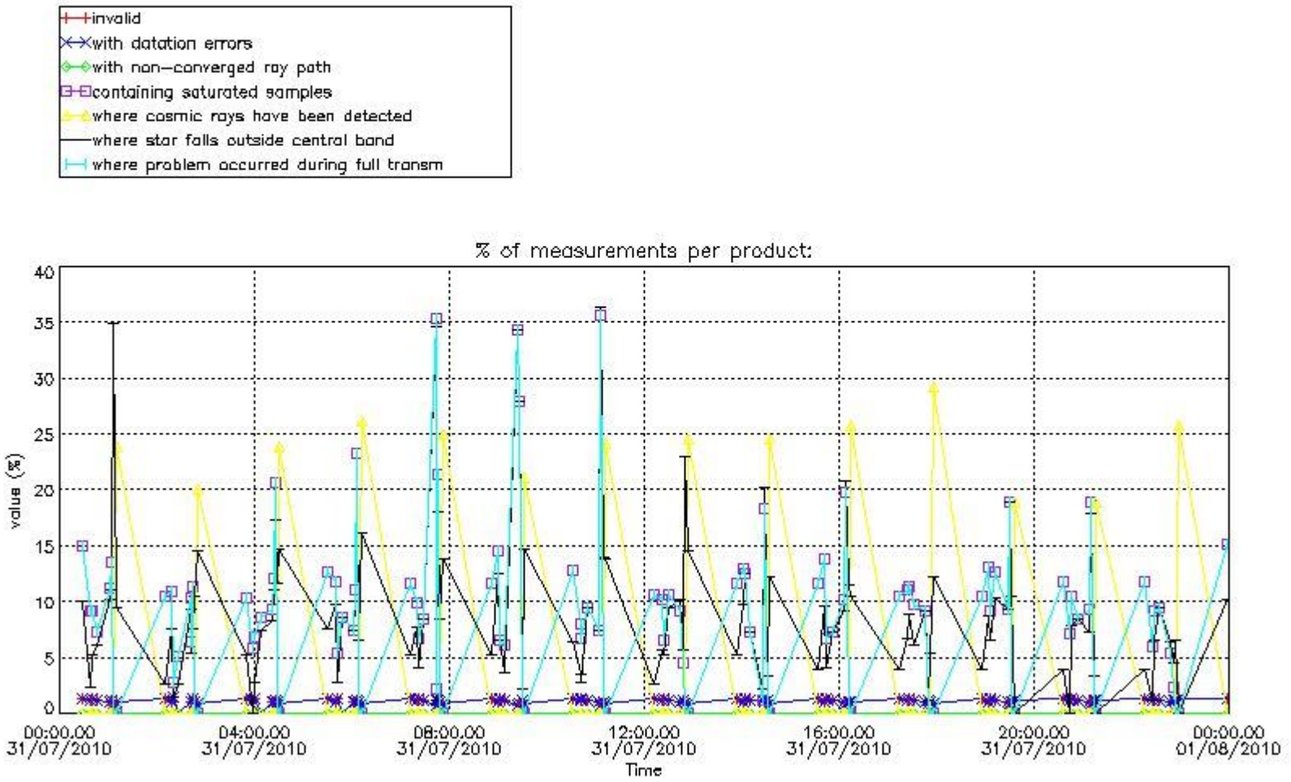
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

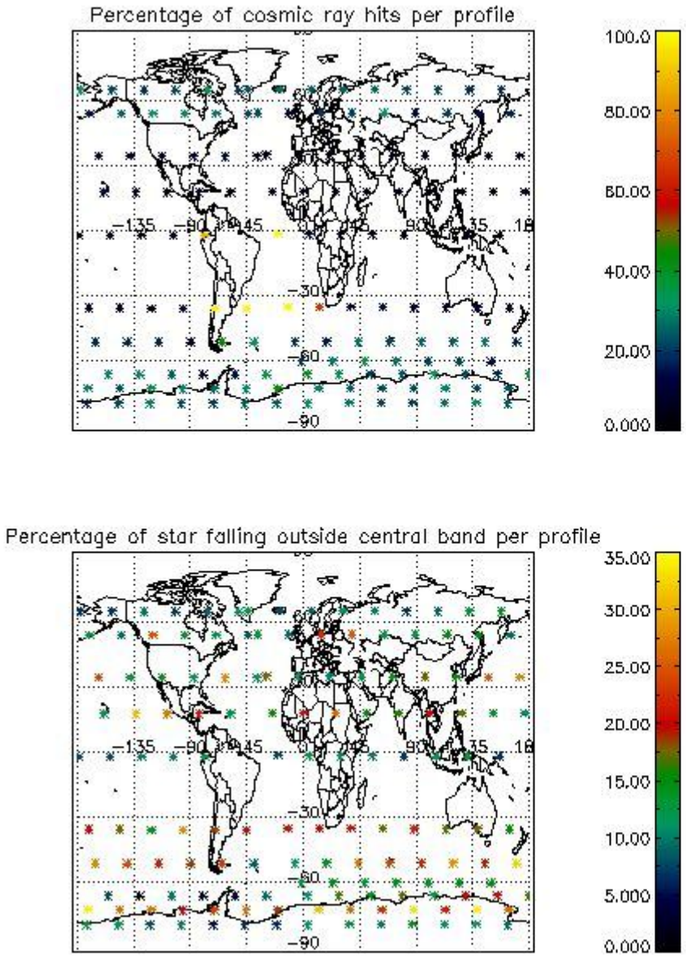


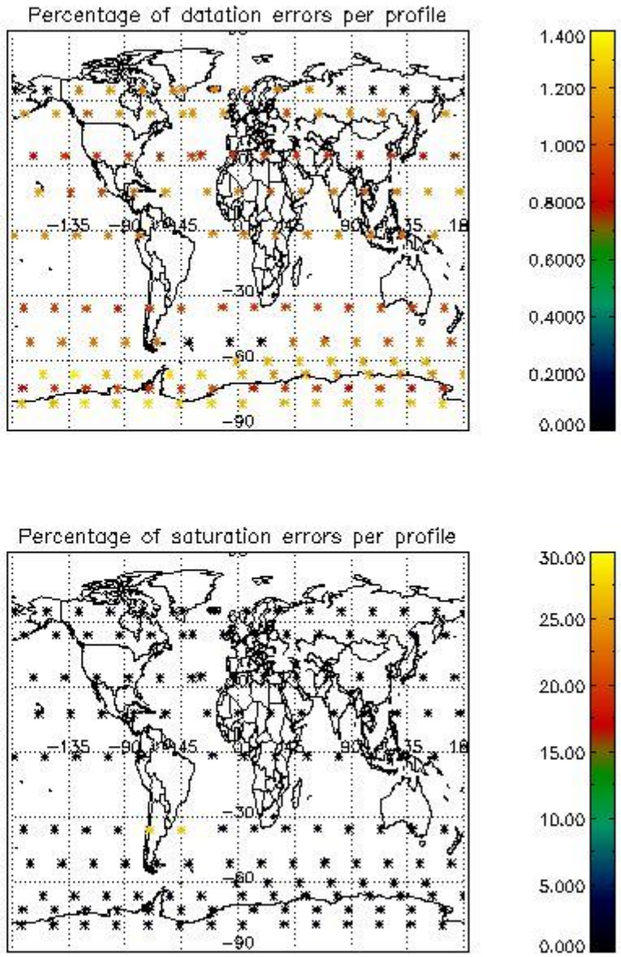
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



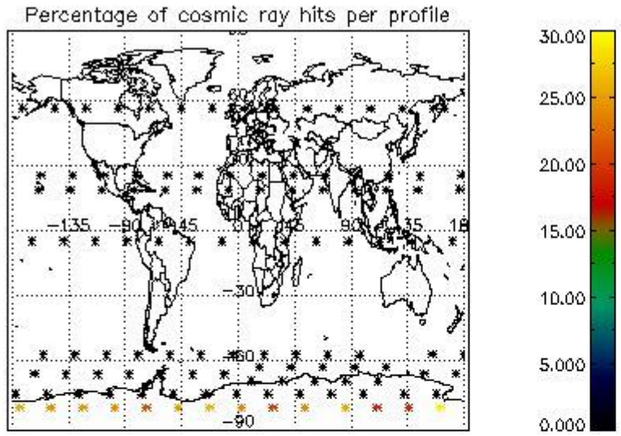
4.2 Plot quality information per product comming from level 1b processing (world map)

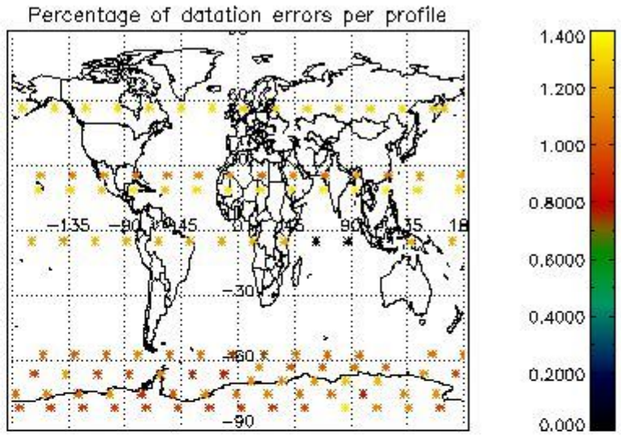
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

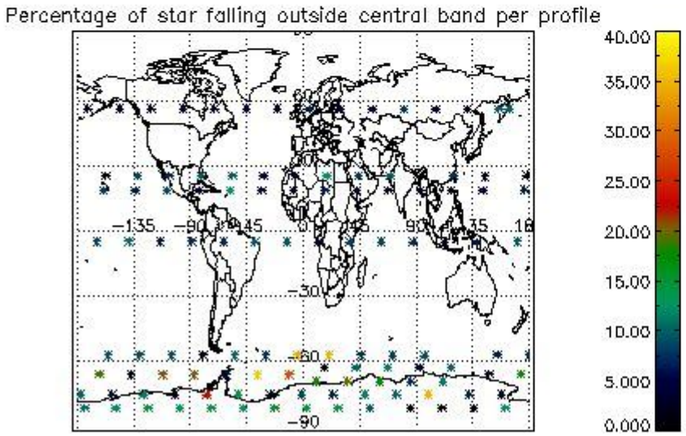


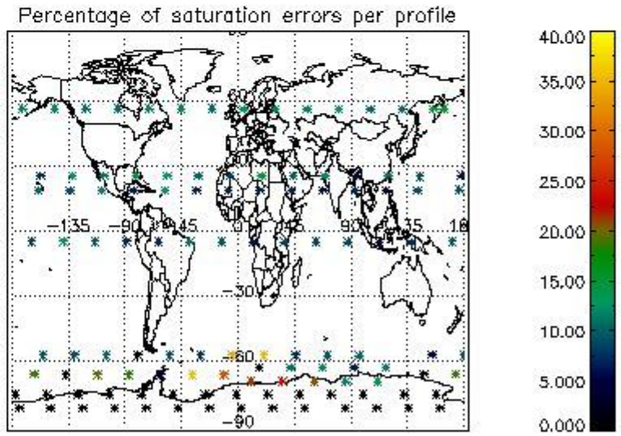


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

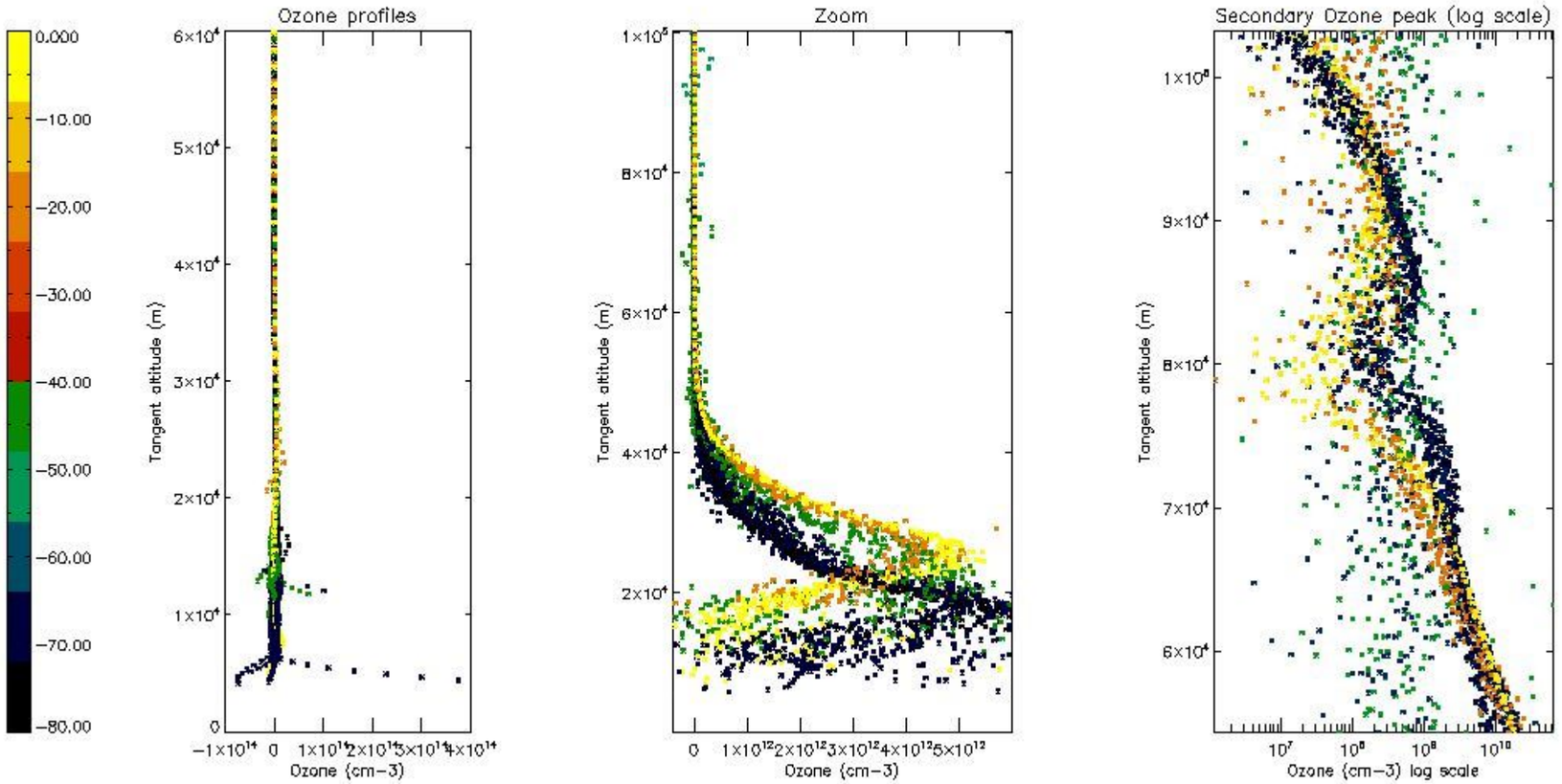
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	35
STD < 20	18

STD < 10	14
STD < 5	10

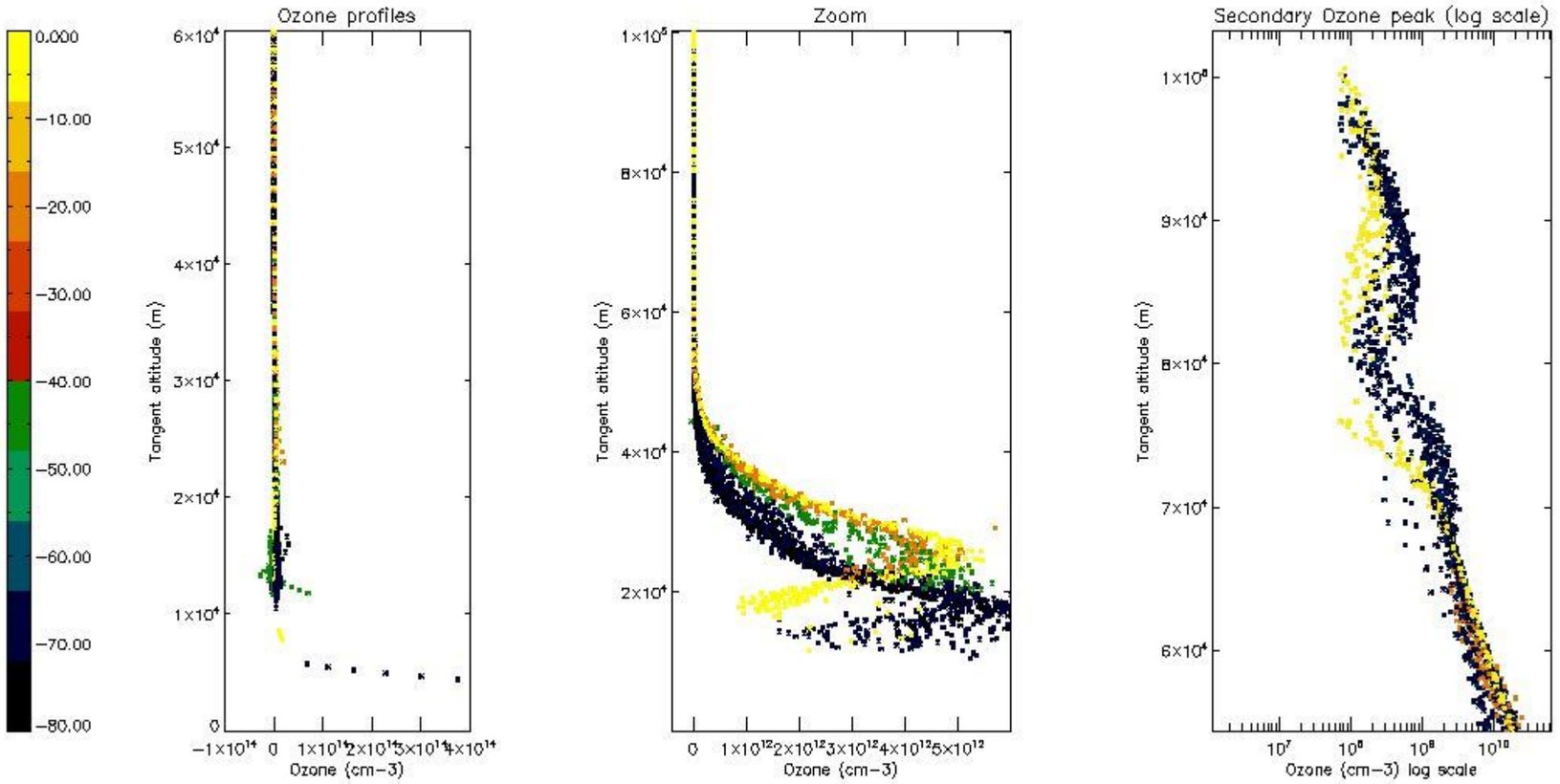
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



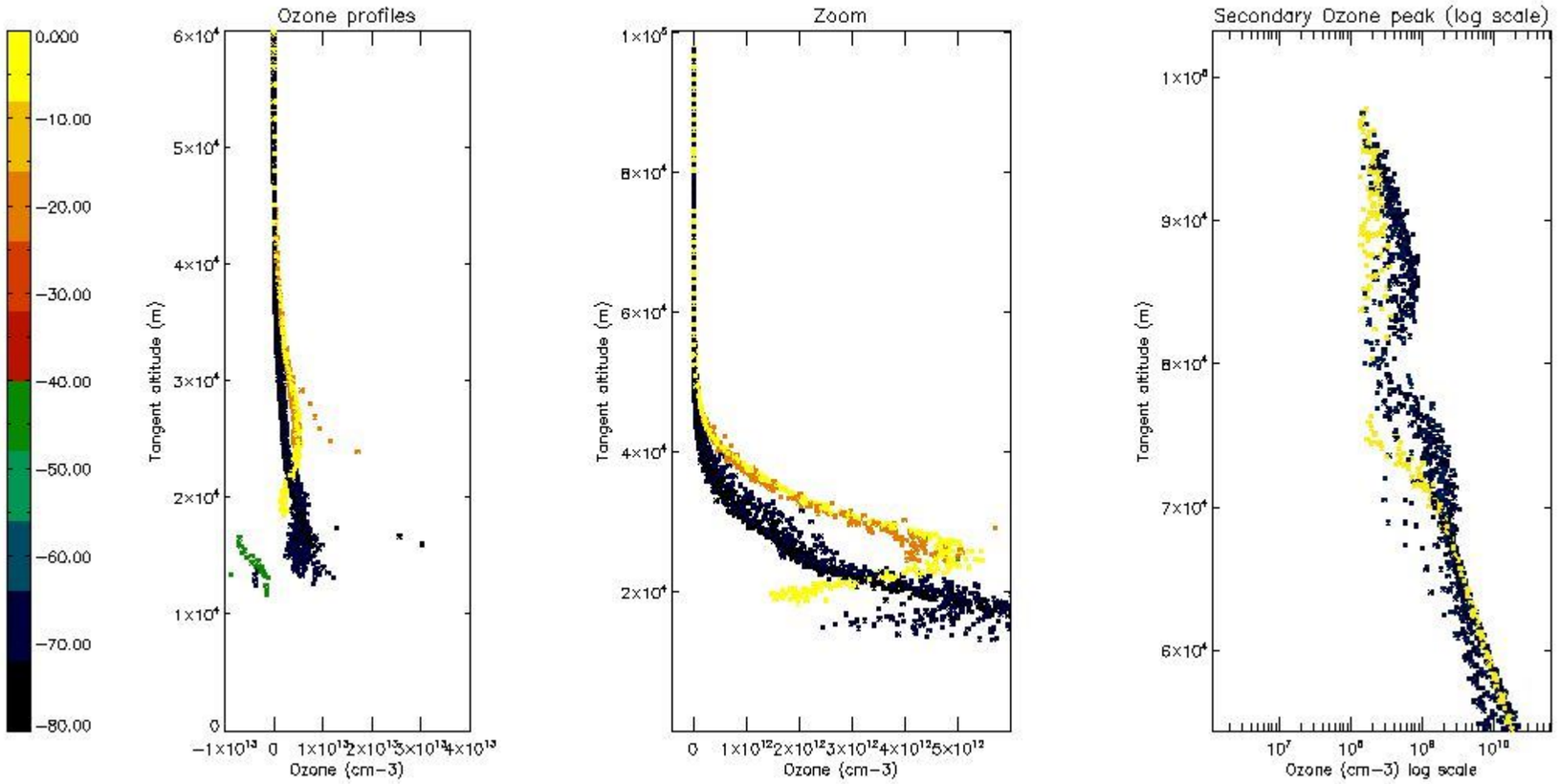
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



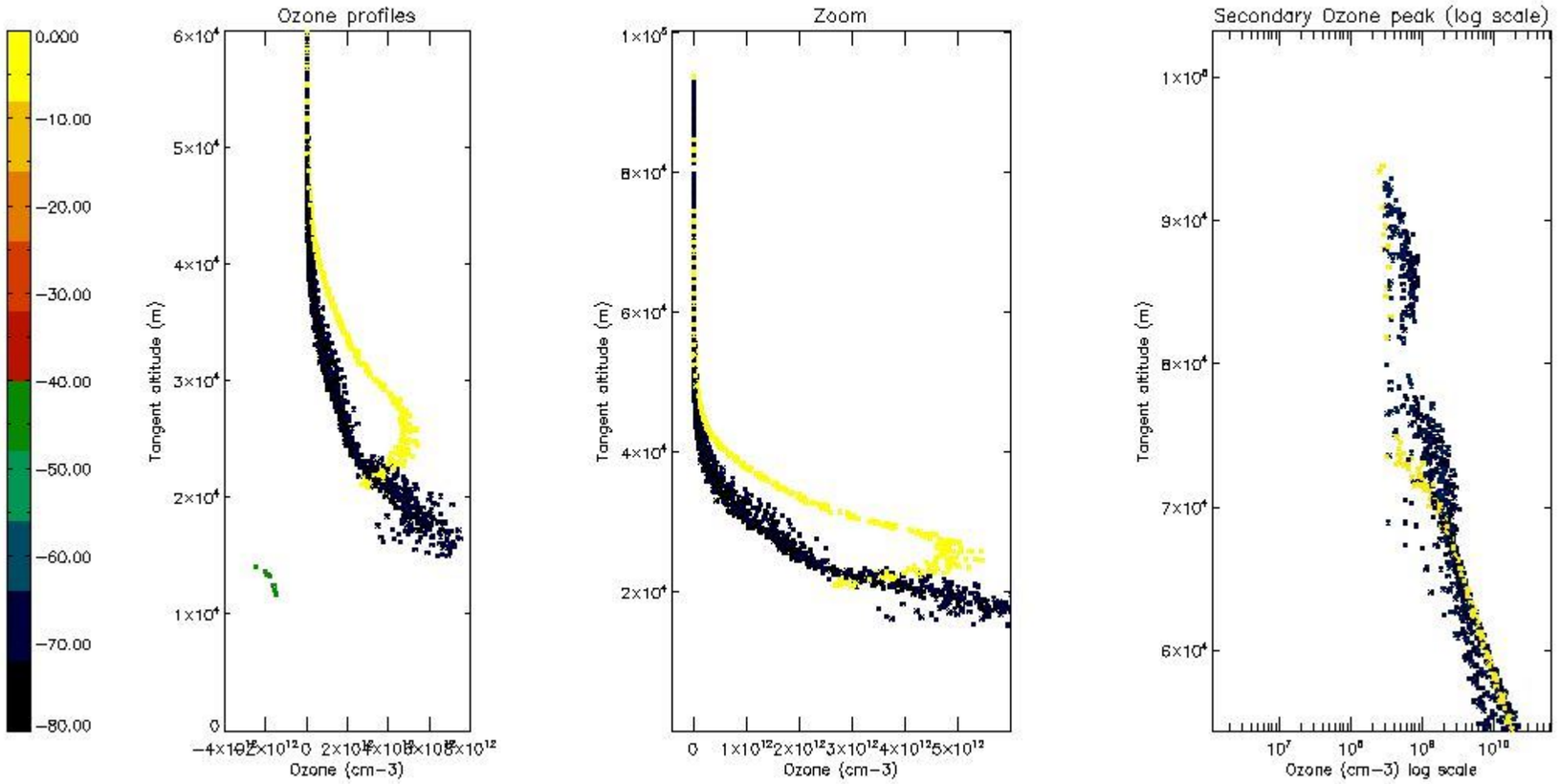
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



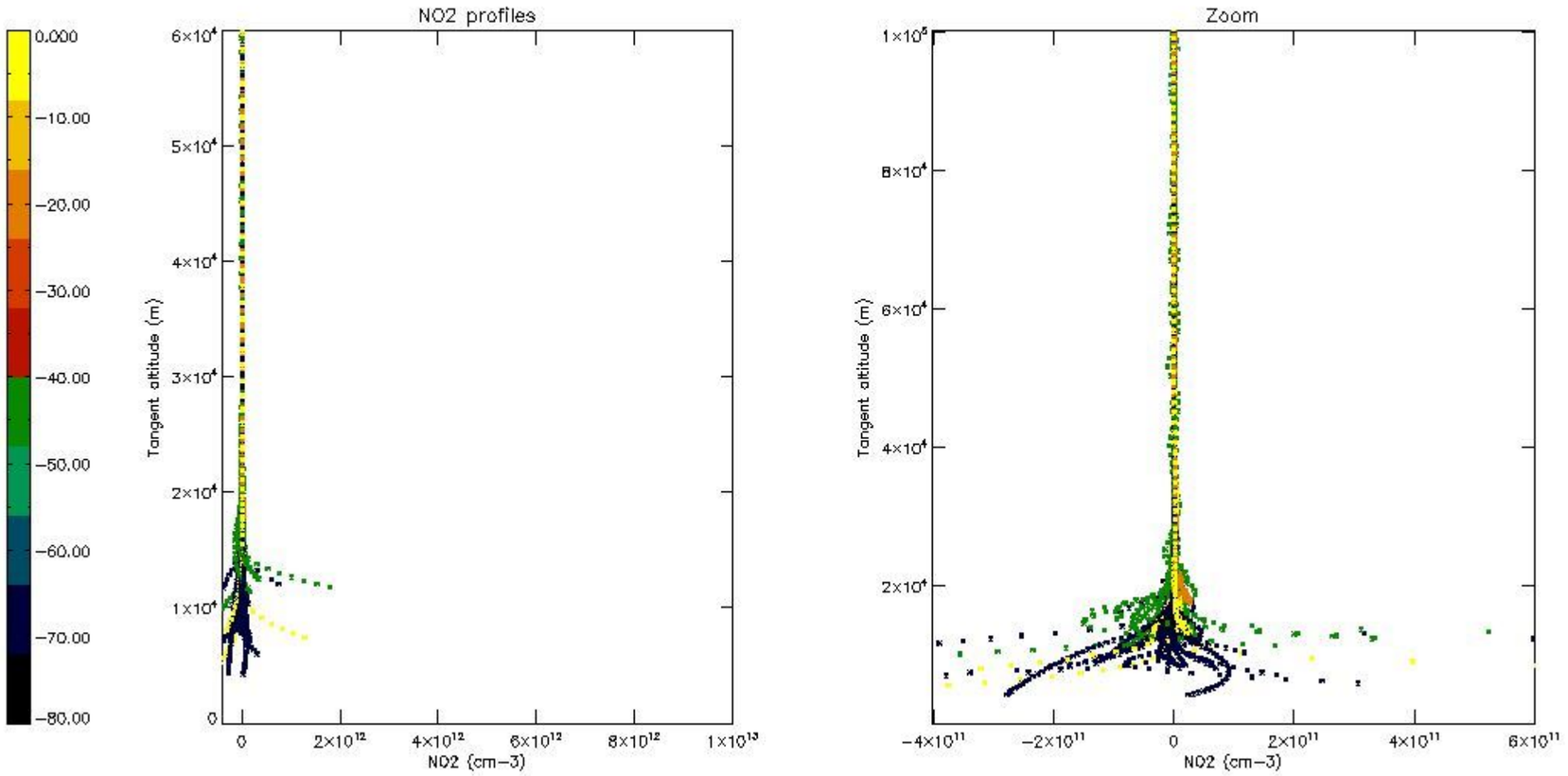
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



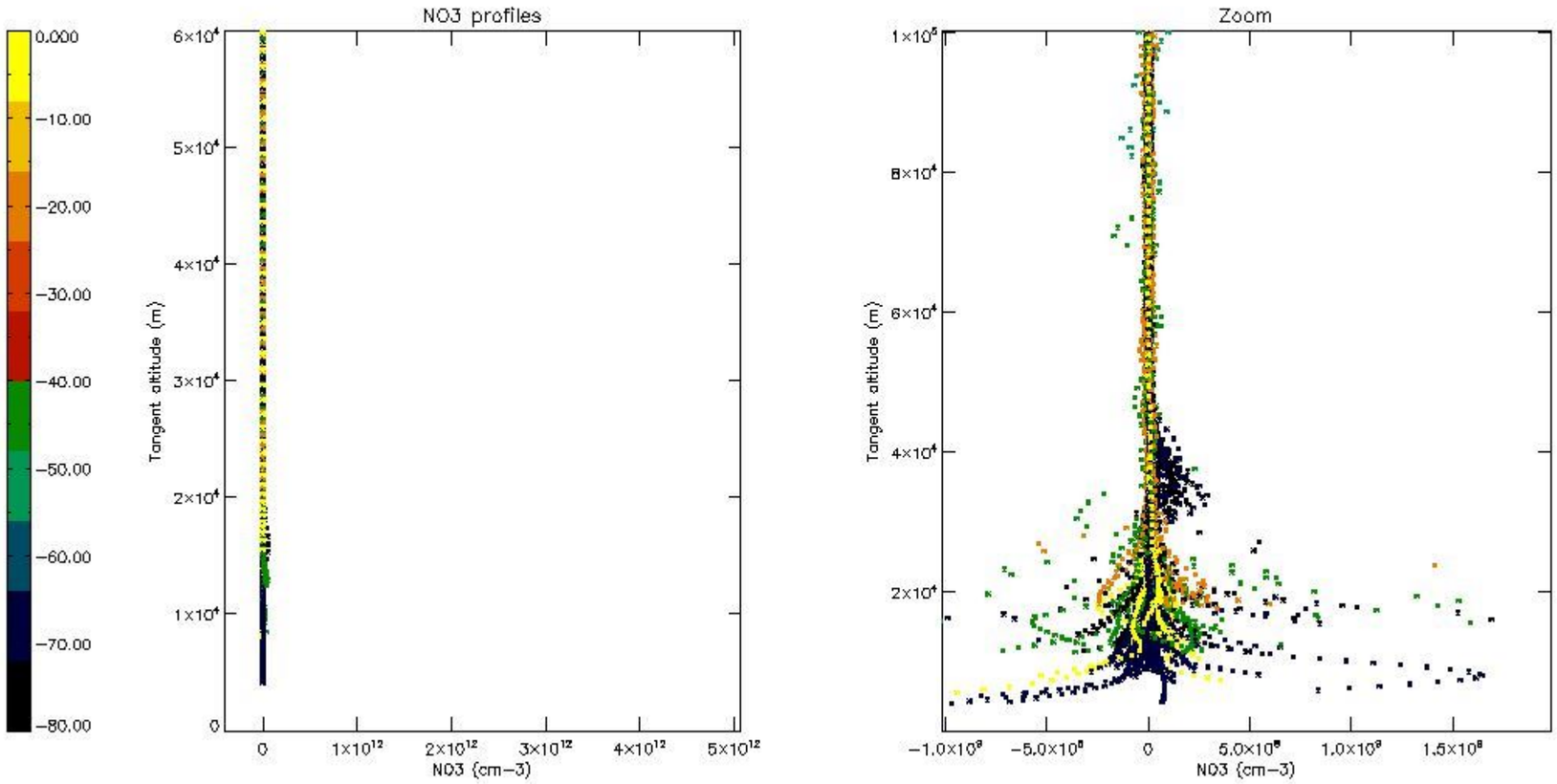
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



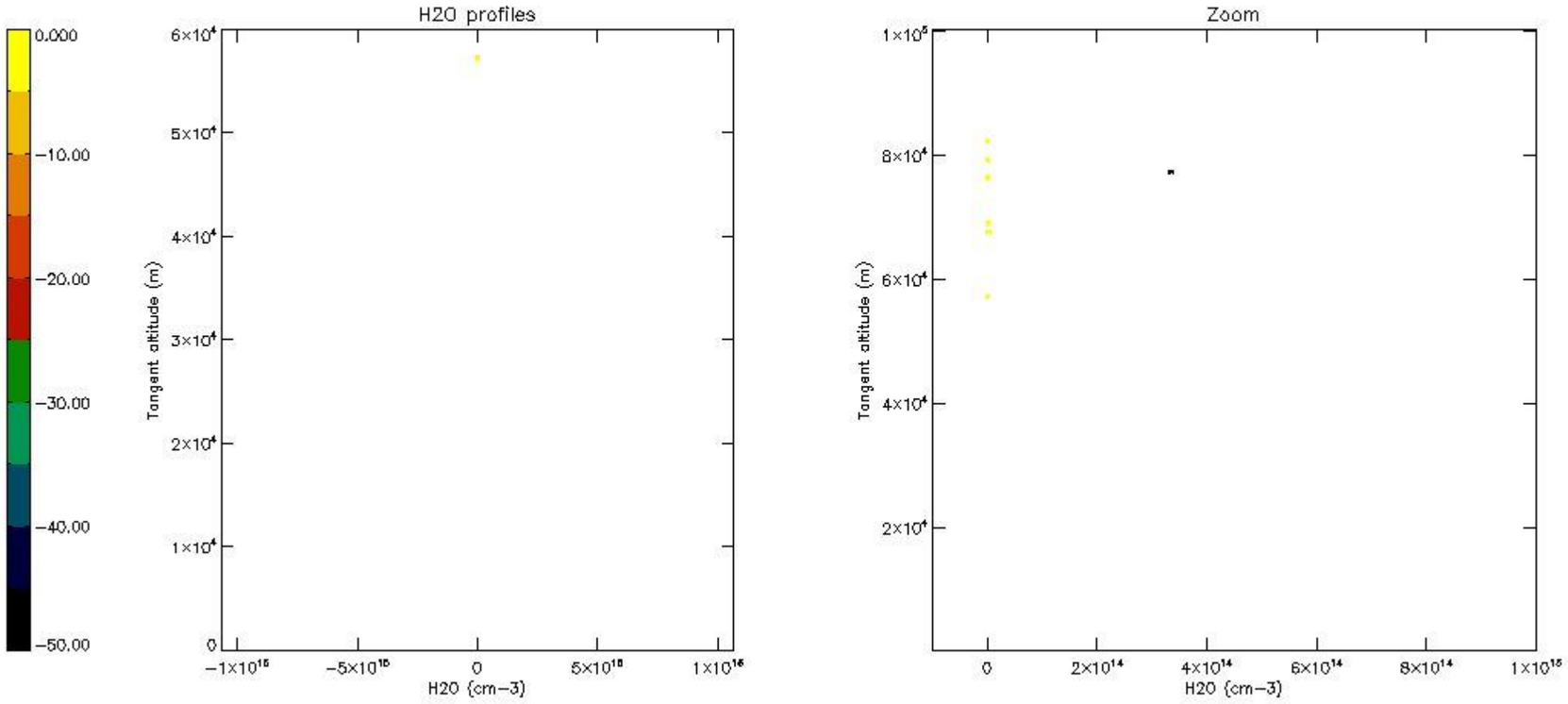
5.7 Plot NO3 profiles for all STD (dark without errors)

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	31-JUL-2010 00:03:53
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	31-JUL-2010 00:03:53
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	31-JUL-2010 00:03:53

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	29APR2013 13:38:33
Data source version	GOMOS/6.01
Start time of products	31-07-2010 (31JUL2010 00:00:00)
Stop time of products	01-08-2010 (01AUG2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	266
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__2PRFIN20100731_000353_000000542091_00360_44001_8978.N1	31-JUL-2010 00:03:53	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	44001	No
2	GOM_NL__2PRFIN20100731_000929_000000432091_00360_44001_8979.N1	31-JUL-2010 00:09:29	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	44001	No
3	GOM_NL__2PRFIN20100731_001238_000000482091_00360_44001_8980.N1	31-JUL-2010 00:12:38	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	44001	No
4	GOM_NL__2PRFIN20100731_002840_000000402091_00360_44001_8981.N1	31-JUL-2010 00:28:40	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	44001	No
5	GOM_NL__2PRFIN20100731_003729_000000442091_00360_44001_8982.N1	31-JUL-2010 00:37:29	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	44001	No
6	GOM_NL__2PRFIN20100731_003918_000000382091_00360_44001_8983.N1	31-JUL-2010 00:39:18	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44001	No
7	GOM_NL__2PRFIN20100731_004558_000000412091_00360_44001_8984.N1	31-JUL-2010 00:45:58	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44001	No
8	GOM_NL__2PRFIN20100731_010223_000000492091_00360_44001_8985.N1	31-JUL-2010 01:02:23	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	44001	No
9	GOM_NL__2PRFIN20100731_010420_000000412091_00360_44001_8986.N1	31-JUL-2010 01:04:20	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	44001	No
10	GOM_NL__2PRFIN20100731_010616_000000662091_00360_44001_8987.N1	31-JUL-2010 01:06:16	Bright	66.000	149	45Eps Per	2.8880	30000.	132	44001	No
11	GOM_NL__2PRFIN20100731_010918_000000532091_00360_44001_8988.N1	31-JUL-2010 01:09:18	Twi_and_stray	52.500	150	44Zet Per	2.8900	28000.	105	44001	No
12	GOM_NL__2PRFIN20100731_011135_000000412091_00360_44001_8989.N1	31-JUL-2010 01:11:35	Twi_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	44001	No
13	GOM_NL__2PRFIN20100731_011402_000000512091_00360_44001_8990.N1	31-JUL-2010 01:14:02	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	44001	No
14	GOM_NL__2PRFIN20100731_011603_000000402091_00360_44001_8991.N1	31-JUL-2010 01:16:03	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	44001	No
15	GOM_NL__2PRFIN20100731_012024_000000402091_00360_44001_8992.N1	31-JUL-2010 01:20:24	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	44001	No
16	GOM_NL__2PRFIN20100731_012450_000000542091_00360_44001_8993.N1	31-JUL-2010 01:24:50	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	44001	No
17	GOM_NL__2PRFIN20100731_013951_000000442091_00361_44002_8448.N1	31-JUL-2010 01:39:51	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44002	No
18	GOM_NL__2PRFIN20100731_014430_000000672091_00361_44002_8449.N1	31-JUL-2010 01:44:30	Straylight	66.500	84	Alp Phe	2.3970	4500.0	133	44002	No
19	GOM_NL__2PRFIN20100731_015006_000000452091_00361_44002_8450.N1	31-JUL-2010 01:50:06	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	44002	No
20	GOM_NL__2PRFIN20100731_015315_000000462091_00361_44002_8451.N1	31-JUL-2010 01:53:15	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	44002	No
21	GOM_NL__2PRFIN20100731_020916_000000382091_00361_44002_8452.N1	31-JUL-2010 02:09:16	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	44002	No
22	GOM_NL__2PRFIN20100731_021804_000000462091_00361_44002_8453.N1	31-JUL-2010 02:18:04	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	44002	No
23	GOM_NL__2PRFIN20100731_021954_000000362091_00361_44002_8454.N1	31-JUL-2010 02:19:54	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	44002	No
24	GOM_NL__2PRFIN20100731_022634_000000392091_00361_44002_8455.N1	31-JUL-2010 02:26:34	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44002	No
25	GOM_NL__2PRFIN20100731_024121_000000492091_00361_44002_8456.N1	31-JUL-2010 02:41:21	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	44002	No
26	GOM_NL__2PRFIN20100731_024258_000000472091_00361_44002_8457.N1	31-JUL-2010 02:42:58	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	44002	No
27	GOM_NL__2PRFIN20100731_024456_000000402091_00361_44002_8458.N1	31-JUL-2010 02:44:56	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	44002	No
28	GOM_NL__2PRFIN20100731_024652_000000482091_00361_44002_8459.N1	31-JUL-2010 02:46:52	Bright	48.000	149	45Eps Per	2.8880	30000.	96	44002	No
29	GOM_NL__2PRFIN20100731_024954_000000552091_00361_44002_8460.N1	31-JUL-2010 02:49:54	Twi_and_stray	55.000	150	44Zet Per	2.8900	28000.	110	44002	No
30	GOM_NL__2PRFIN20100731_025211_000000392091_00361_44002_8461.N1	31-JUL-2010 02:52:11	Twi_and_stray	38.500	176	23Zet Tau	3.0200	22000.	77	44002	No
31	GOM_NL__2PRFIN20100731_025438_000000562091_00361_44002_8462.N1	31-JUL-2010 02:54:38	Dark	55.500	13	87Alp Tau	0.86700	3800.0	111	44002	No
32	GOM_NL__2PRFIN20100731_025639_000000382091_00361_44002_8463.N1	31-JUL-2010 02:56:39	Dark	38.000	27	24Gam Ori	1.6360	26000.	76	44002	No
33	GOM_NL__2PRFIN20100731_030101_000000482091_00361_44002_8464.N1	31-JUL-2010 03:01:01	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	44002	No
34	GOM_NL__2PRFIN20100731_030527_000000542091_00361_44002_8465.N1	31-JUL-2010 03:05:27	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	44002	No
35	GOM_NL__2PRFIN20100731_031452_000000472091_00361_44002_8466.N1	31-JUL-2010 03:14:52	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44002	No
36	GOM_NL__2PRFIN20100731_032027_000000492091_00362_44003_8456.N1	31-JUL-2010 03:20:27	Dark	49.000	9	Alp Eri	0.45300	24000.	98	44003	No
37	GOM_NL__2PRFIN20100731_032507_000000542091_00362_44003_8457.N1	31-JUL-2010 03:25:07	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	44003	No
38	GOM_NL__2PRFIN20100731_033042_000000452091_00362_44003_8458.N1	31-JUL-2010 03:30:42	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	44003	No
39	GOM_NL__2PRFIN20100731_033351_000000452091_00362_44003_8459.N1	31-JUL-2010 03:33:51	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	44003	No
40	GOM_NL__2PRFIN20100731_034952_000000392091_00362_44003_8460.N1	31-JUL-2010 03:49:52	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	44003	No
41	GOM_NL__2PRFIN20100731_035840_000000432091_00362_44003_8461.N1	31-JUL-2010 03:58:40	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	44003	No
42	GOM_NL__2PRFIN20100731_040030_000000372091_00362_44003_8462.N1	31-JUL-2010 04:00:30	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	44003	No

43	GOM_NL__2PRFIN20100731_040709_000000412091_00362_44003_8463.N1	31-JUL-2010 04:07:09	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44003	No
44	GOM_NL__2PRFIN20100731_042156_000000492091_00362_44003_8464.N1	31-JUL-2010 04:21:56	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	44003	No
45	GOM_NL__2PRFIN20100731_042334_000000502091_00362_44003_8465.N1	31-JUL-2010 04:23:34	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	44003	No
46	GOM_NL__2PRFIN20100731_042532_000000442091_00362_44003_8466.N1	31-JUL-2010 04:25:32	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	44003	No
47	GOM_NL__2PRFIN20100731_042727_000000482091_00362_44003_8467.N1	31-JUL-2010 04:27:27	Bright	47.500	149	45Eps Per	2.8880	30000.	95	44003	No
48	GOM_NL__2PRFIN20100731_043030_000000552091_00362_44003_8468.N1	31-JUL-2010 04:30:30	Twi_and_stray	54.500	150	44Zet Per	2.8900	28000.	109	44003	No
49	GOM_NL__2PRFIN20100731_043247_000000392091_00362_44003_8469.N1	31-JUL-2010 04:32:47	Twi_and_stray	39.000	176	23Zet Tau	3.0200	22000.	78	44003	No
50	GOM_NL__2PRFIN20100731_043514_000000552091_00362_44003_8470.N1	31-JUL-2010 04:35:14	Dark	55.000	13	87Alp Tau	0.86700	3800.0	110	44003	No
51	GOM_NL__2PRFIN20100731_043716_000000392091_00362_44003_8471.N1	31-JUL-2010 04:37:16	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	44003	No
52	GOM_NL__2PRFIN20100731_044137_000000462091_00362_44003_8472.N1	31-JUL-2010 04:41:37	Dark	45.500	7	19Bet Ori	0.10000	14000.	91	44003	No
53	GOM_NL__2PRFIN20100731_044604_000000612091_00362_44003_8473.N1	31-JUL-2010 04:46:04	Dark	60.500	165	34Gam Eri	2.9500	3200.0	121	44003	No
54	GOM_NL__2PRFIN20100731_045528_000000472091_00362_44003_8474.N1	31-JUL-2010 04:55:28	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44003	No
55	GOM_NL__2PRFIN20100731_050104_000000522091_00363_44004_8465.N1	31-JUL-2010 05:01:04	Dark	52.000	9	Alp Eri	0.45300	24000.	104	44004	No
56	GOM_NL__2PRFIN20100731_050544_000000562091_00363_44004_8466.N1	31-JUL-2010 05:05:44	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44004	No
57	GOM_NL__2PRFIN20100731_051119_000000522091_00363_44004_8467.N1	31-JUL-2010 05:11:19	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	44004	No
58	GOM_NL__2PRFIN20100731_051428_000000472091_00363_44004_8468.N1	31-JUL-2010 05:14:28	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	44004	No
59	GOM_NL__2PRFIN20100731_053028_000000402091_00363_44004_8469.N1	31-JUL-2010 05:30:28	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	44004	No
60	GOM_NL__2PRFIN20100731_053915_000000472091_00363_44004_8470.N1	31-JUL-2010 05:39:15	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	44004	No
61	GOM_NL__2PRFIN20100731_054106_000000372091_00363_44004_8471.N1	31-JUL-2010 05:41:06	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44004	No
62	GOM_NL__2PRFIN20100731_054745_000000412091_00363_44004_8472.N1	31-JUL-2010 05:47:45	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44004	No
63	GOM_NL__2PRFIN20100731_060232_000000482091_00363_44004_8473.N1	31-JUL-2010 06:02:32	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	44004	No
64	GOM_NL__2PRFIN20100731_060410_000000502091_00363_44004_8474.N1	31-JUL-2010 06:04:10	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	44004	No
65	GOM_NL__2PRFIN20100731_060608_000000452091_00363_44004_8475.N1	31-JUL-2010 06:06:08	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	44004	No
66	GOM_NL__2PRFIN20100731_060803_000000462091_00363_44004_8476.N1	31-JUL-2010 06:08:03	Bright	46.000	149	45Eps Per	2.8880	30000.	92	44004	No
67	GOM_NL__2PRFIN20100731_061106_000000562091_00363_44004_8477.N1	31-JUL-2010 06:11:06	Twi_and_stray	55.500	150	44Zet Per	2.8900	28000.	111	44004	No
68	GOM_NL__2PRFIN20100731_061324_000000382091_00363_44004_8478.N1	31-JUL-2010 06:13:24	Twi_and_stray	38.000	176	23Zet Tau	3.0200	22000.	76	44004	No
69	GOM_NL__2PRFIN20100731_061551_000000522091_00363_44004_8479.N1	31-JUL-2010 06:15:51	Dark	52.000	13	87Alp Tau	0.86700	3800.0	104	44004	No
70	GOM_NL__2PRFIN20100731_061752_000000412091_00363_44004_8480.N1	31-JUL-2010 06:17:52	Dark	40.500	27	24Gam Ori	1.6360	26000.	81	44004	No
71	GOM_NL__2PRFIN20100731_062214_000000472091_00363_44004_8481.N1	31-JUL-2010 06:22:14	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	44004	No
72	GOM_NL__2PRFIN20100731_062641_000000522091_00363_44004_8482.N1	31-JUL-2010 06:26:41	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	44004	No
73	GOM_NL__2PRFIN20100731_063605_000000462091_00363_44004_8483.N1	31-JUL-2010 06:36:05	Dark	46.000	157	The1Eri	2.9060	9300.0	92	44004	No
74	GOM_NL__2PRFIN20100731_064141_000000552091_00364_44005_8712.N1	31-JUL-2010 06:41:41	Dark	55.000	9	Alp Eri	0.45300	24000.	110	44005	No
75	GOM_NL__2PRFIN20100731_064621_000000552091_00364_44005_8713.N1	31-JUL-2010 06:46:21	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44005	No
76	GOM_NL__2PRFIN20100731_065155_000000442091_00364_44005_8714.N1	31-JUL-2010 06:51:55	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	44005	No
77	GOM_NL__2PRFIN20100731_065504_000000442091_00364_44005_8715.N1	31-JUL-2010 06:55:04	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	44005	No
78	GOM_NL__2PRFIN20100731_071104_000000392091_00364_44005_8716.N1	31-JUL-2010 07:11:04	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	44005	No
79	GOM_NL__2PRFIN20100731_071951_000000462091_00364_44005_8717.N1	31-JUL-2010 07:19:51	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	44005	No
80	GOM_NL__2PRFIN20100731_072142_000000382091_00364_44005_8718.N1	31-JUL-2010 07:21:42	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	44005	No
81	GOM_NL__2PRFIN20100731_072821_000000422091_00364_44005_8719.N1	31-JUL-2010 07:28:21	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	44005	No
82	GOM_NL__2PRFIN20100731_074307_000000682091_00364_44005_8720.N1	31-JUL-2010 07:43:07	Bright	68.000	160	23Gam Per	2.9300	4700.0	136	44005	No
83	GOM_NL__2PRFIN20100731_074446_000000452091_00364_44005_8721.N1	31-JUL-2010 07:44:46	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	44005	No
84	GOM_NL__2PRFIN20100731_074644_000000452091_00364_44005_8722.N1	31-JUL-2010 07:46:44	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	44005	No
85	GOM_NL__2PRFIN20100731_074839_000000482091_00364_44005_8723.N1	31-JUL-2010 07:48:39	Bright	47.500	149	45Eps Per	2.8880	30000.	95	44005	No
86	GOM_NL__2PRFIN20100731_075143_000000542091_00364_44005_8724.N1	31-JUL-2010 07:51:43	Twi_and_stray	54.000	150	44Zet Per	2.8900	28000.	108	44005	No
87	GOM_NL__2PRFIN20100731_075400_000000402091_00364_44005_8725.N1	31-JUL-2010 07:54:00	Twi_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	44005	No
88	GOM_NL__2PRFIN20100731_075627_000000572091_00364_44005_8726.N1	31-JUL-2010 07:56:27	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	44005	No
89	GOM_NL__2PRFIN20100731_075828_000000372091_00364_44005_8727.N1	31-JUL-2010 07:58:28	Dark	36.500	27	24Gam Ori	1.6360	26000.	73	44005	No
90	GOM_NL__2PRFIN20100731_080250_000000482091_00364_44005_8728.N1	31-JUL-2010 08:02:50	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	44005	No
91	GOM_NL__2PRFIN20100731_080718_000000542091_00364_44005_8729.N1	31-JUL-2010 08:07:18	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	44005	No
92	GOM_NL__2PRFIN20100731_081642_000000452091_00364_44005_8730.N1	31-JUL-2010 08:16:42	Dark	45.000	157	The1Eri	2.9060	9300.0	90	44005	No
93	GOM_NL__2PRFIN20100731_082217_000000432091_00365_44006_8720.N1	31-JUL-2010 08:22:17	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44006	No
94	GOM_NL__2PRFIN20100731_082658_000000632091_00365_44006_8721.N1	31-JUL-2010 08:26:58	Straylight	62.500	84	Alp Phe	2.3970	4500.0	125	44006	No
95	GOM_NL__2PRFIN20100731_083232_000000452091_00365_44006_8722.N1	31-JUL-2010 08:32:32	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	44006	No
96	GOM_NL__2PRFIN20100731_083541_000000442091_00365_44006_8723.N1	31-JUL-2010 08:35:41	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	44006	No
97	GOM_NL__2PRFIN20100731_085140_000000392091_00365_44006_8724.N1	31-JUL-2010 08:51:40	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	44006	No
98	GOM_NL__2PRFIN20100731_090026_000000482091_00365_44006_8725.N1	31-JUL-2010 09:00:26	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	44006	No
99	GOM_NL__2PRFIN20100731_090217_000000382091_00365_44006_8726.N1	31-JUL-2010 09:02:17	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44006	No
100	GOM_NL__2PRFIN20100731_090856_000000412091_00365_44006_8727.N1	31-JUL-2010 09:08:56	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44006	No
101	GOM_NL__2PRFIN20100731_092343_000000672091_00365_44006_8728.N1	31-JUL-2010 09:23:43	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	44006	No

102	GOM_NL__2PRFIN20100731_092621_000000592091_00365_44006_8729.N1	31-JUL-2010 09:26:21	Bright	59.000	175	39Del Per	3.0100	19400.	118	44006	No
103	GOM_NL__2PRFIN20100731_092915_000000452091_00365_44006_8730.N1	31-JUL-2010 09:29:15	Bright	45.000	149	45Eps Per	2.8880	30000.	90	44006	No
104	GOM_NL__2PRFIN20100731_093219_000000552091_00365_44006_8731.N1	31-JUL-2010 09:32:19	Twi_and_stray	54.500	150	44Zet Per	2.8900	28000.	109	44006	No
105	GOM_NL__2PRFIN20100731_093436_000000382091_00365_44006_8732.N1	31-JUL-2010 09:34:36	Twi_and_stray	38.000	176	23Zet Tau	3.0200	22000.	76	44006	No
106	GOM_NL__2PRFIN20100731_093704_000000562091_00365_44006_8733.N1	31-JUL-2010 09:37:04	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	44006	No
107	GOM_NL__2PRFIN20100731_093905_000000392091_00365_44006_8734.N1	31-JUL-2010 09:39:05	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	44006	No
108	GOM_NL__2PRFIN20100731_094326_000000502091_00365_44006_8735.N1	31-JUL-2010 09:43:26	Dark	50.000	7	19Bet Ori	0.10000	14000.	100	44006	No
109	GOM_NL__2PRFIN20100731_094755_000000552091_00365_44006_8736.N1	31-JUL-2010 09:47:55	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	44006	No
110	GOM_NL__2PRFIN20100731_095719_000000462091_00365_44006_8737.N1	31-JUL-2010 09:57:19	Dark	45.500	157	The1Eri	2.9060	9300.0	91	44006	No
111	GOM_NL__2PRFIN20100731_100254_000000432091_00366_44007_8728.N1	31-JUL-2010 10:02:54	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44007	No
112	GOM_NL__2PRFIN20100731_100735_000000672091_00366_44007_8729.N1	31-JUL-2010 10:07:35	Straylight	67.000	84	Alp Phe	2.3970	4500.0	134	44007	No
113	GOM_NL__2PRFIN20100731_101308_000000442091_00366_44007_8730.N1	31-JUL-2010 10:13:08	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	44007	No
114	GOM_NL__2PRFIN20100731_101617_000000482091_00366_44007_8731.N1	31-JUL-2010 10:16:17	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	44007	No
115	GOM_NL__2PRFIN20100731_103216_000000392091_00366_44007_8732.N1	31-JUL-2010 10:32:16	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	44007	No
116	GOM_NL__2PRFIN20100731_104101_000000442091_00366_44007_8733.N1	31-JUL-2010 10:41:01	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	44007	No
117	GOM_NL__2PRFIN20100731_104253_000000372091_00366_44007_8734.N1	31-JUL-2010 10:42:53	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44007	No
118	GOM_NL__2PRFIN20100731_104932_000000422091_00366_44007_8735.N1	31-JUL-2010 10:49:32	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	44007	No
119	GOM_NL__2PRFIN20100731_110419_000000472091_00366_44007_8736.N1	31-JUL-2010 11:04:19	Bright	47.000	160	23Gam Per	2.9300	4700.0	94	44007	No
120	GOM_NL__2PRFIN20100731_110656_000000662091_00366_44007_8737.N1	31-JUL-2010 11:06:56	Bright	66.000	175	39Del Per	3.0100	19400.	132	44007	No
121	GOM_NL__2PRFIN20100731_110951_000000502091_00366_44007_8738.N1	31-JUL-2010 11:09:51	Bright	50.000	149	45Eps Per	2.8880	30000.	100	44007	No
122	GOM_NL__2PRFIN20100731_111255_000000542091_00366_44007_8739.N1	31-JUL-2010 11:12:55	Twi_and_stray	54.000	150	44Zet Per	2.8900	28000.	108	44007	No
123	GOM_NL__2PRFIN20100731_111512_000000412091_00366_44007_8740.N1	31-JUL-2010 11:15:12	Twi_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	44007	No
124	GOM_NL__2PRFIN20100731_111740_000000632091_00366_44007_8741.N1	31-JUL-2010 11:17:40	Dark	63.000	13	87Alp Tau	0.86700	3800.0	126	44007	No
125	GOM_NL__2PRFIN20100731_111941_000000432091_00366_44007_8742.N1	31-JUL-2010 11:19:41	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	44007	No
126	GOM_NL__2PRFIN20100731_112403_000000542091_00366_44007_8743.N1	31-JUL-2010 11:24:03	Dark	54.000	7	19Bet Ori	0.10000	14000.	108	44007	No
127	GOM_NL__2PRFIN20100731_112832_000000522091_00366_44007_8744.N1	31-JUL-2010 11:28:32	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	44007	No
128	GOM_NL__2PRFIN20100731_113756_000000452091_00366_44007_8745.N1	31-JUL-2010 11:37:56	Dark	44.500	157	The1Eri	2.9060	9300.0	89	44007	No
129	GOM_NL__2PRFIN20100731_114330_000000442091_00367_44008_8756.N1	31-JUL-2010 11:43:30	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44008	No
130	GOM_NL__2PRFIN20100731_114812_000000652091_00367_44008_8757.N1	31-JUL-2010 11:48:12	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	44008	No
131	GOM_NL__2PRFIN20100731_115344_000000462091_00367_44008_8758.N1	31-JUL-2010 11:53:44	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	44008	No
132	GOM_NL__2PRFIN20100731_115654_000000462091_00367_44008_8759.N1	31-JUL-2010 11:56:54	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	44008	No
133	GOM_NL__2PRFIN20100731_121251_000000382091_00367_44008_8760.N1	31-JUL-2010 12:12:51	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	44008	No
134	GOM_NL__2PRFIN20100731_122137_000000442091_00367_44008_8761.N1	31-JUL-2010 12:21:37	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	44008	No
135	GOM_NL__2PRFIN20100731_122328_000000382091_00367_44008_8762.N1	31-JUL-2010 12:23:28	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44008	No
136	GOM_NL__2PRFIN20100731_123007_000000432091_00367_44008_8763.N1	31-JUL-2010 12:30:07	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	44008	No
137	GOM_NL__2PRFIN20100731_124454_000000492091_00367_44008_8764.N1	31-JUL-2010 12:44:54	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	44008	No
138	GOM_NL__2PRFIN20100731_124732_000000452091_00367_44008_8765.N1	31-JUL-2010 12:47:32	Bright	44.500	175	39Del Per	3.0100	19400.	89	44008	No
139	GOM_NL__2PRFIN20100731_125027_000000572091_00367_44008_8766.N1	31-JUL-2010 12:50:27	Bright	56.500	149	45Eps Per	2.8880	30000.	113	44008	No
140	GOM_NL__2PRFIN20100731_125331_000000552091_00367_44008_8767.N1	31-JUL-2010 12:53:31	Twi_and_stray	55.000	150	44Zet Per	2.8900	28000.	110	44008	No
141	GOM_NL__2PRFIN20100731_125548_000000412091_00367_44008_8768.N1	31-JUL-2010 12:55:48	Twi_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	44008	No
142	GOM_NL__2PRFIN20100731_125816_000000572091_00367_44008_8769.N1	31-JUL-2010 12:58:16	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	44008	No
143	GOM_NL__2PRFIN20100731_130017_000000462091_00367_44008_8770.N1	31-JUL-2010 13:00:17	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	44008	No
144	GOM_NL__2PRFIN20100731_130202_000000422091_00367_44008_8771.N1	31-JUL-2010 13:02:02	Dark	41.500	72	34Del Ori	2.2500	30000.	83	44008	No
145	GOM_NL__2PRFIN20100731_130439_000000452091_00367_44008_8772.N1	31-JUL-2010 13:04:39	Dark	44.500	7	19Bet Ori	0.10000	14000.	89	44008	No
146	GOM_NL__2PRFIN20100731_130908_000000542091_00367_44008_8773.N1	31-JUL-2010 13:09:08	Dark	54.000	165	34Gam Eri	2.9500	3200.0	108	44008	No
147	GOM_NL__2PRFIN20100731_131833_000000482091_00367_44008_8774.N1	31-JUL-2010 13:18:33	Dark	47.500	157	The1Eri	2.9060	9300.0	95	44008	No
148	GOM_NL__2PRFIN20100731_132407_000000472091_00368_44009_8764.N1	31-JUL-2010 13:24:07	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44009	No
149	GOM_NL__2PRFIN20100731_132849_000000572091_00368_44009_8765.N1	31-JUL-2010 13:28:49	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	44009	No
150	GOM_NL__2PRFIN20100731_133421_000000472091_00368_44009_8766.N1	31-JUL-2010 13:34:21	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	44009	No
151	GOM_NL__2PRFIN20100731_133730_000000452091_00368_44009_8767.N1	31-JUL-2010 13:37:30	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	44009	No
152	GOM_NL__2PRFIN20100731_135327_000000392091_00368_44009_8768.N1	31-JUL-2010 13:53:27	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	44009	No
153	GOM_NL__2PRFIN20100731_140212_000000472091_00368_44009_8769.N1	31-JUL-2010 14:02:12	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	44009	No
154	GOM_NL__2PRFIN20100731_140404_000000402091_00368_44009_8770.N1	31-JUL-2010 14:04:04	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	44009	No
155	GOM_NL__2PRFIN20100731_141042_000000422091_00368_44009_8771.N1	31-JUL-2010 14:10:42	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	44009	No
156	GOM_NL__2PRFIN20100731_142530_000000452091_00368_44009_8772.N1	31-JUL-2010 14:25:30	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	44009	No
157	GOM_NL__2PRFIN20100731_142808_000000522091_00368_44009_8773.N1	31-JUL-2010 14:28:08	Bright	52.000	175	39Del Per	3.0100	19400.	104	44009	No
158	GOM_NL__2PRFIN20100731_143103_000000442091_00368_44009_8774.N1	31-JUL-2010 14:31:03	Bright	44.000	149	45Eps Per	2.8880	30000.	88	44009	No
159	GOM_NL__2PRFIN20100731_143407_000000532091_00368_44009_8775.N1	31-JUL-2010 14:34:07	Twi_and_stray	53.000	150	44Zet Per	2.8900	28000.	106	44009	No
160	GOM_NL__2PRFIN20100731_143624_000000402091_00368_44009_8776.N1	31-JUL-2010 14:36:24	Twi_and_stray	39.500	176	23Zet Tau	3.0200	22000.	79	44009	No

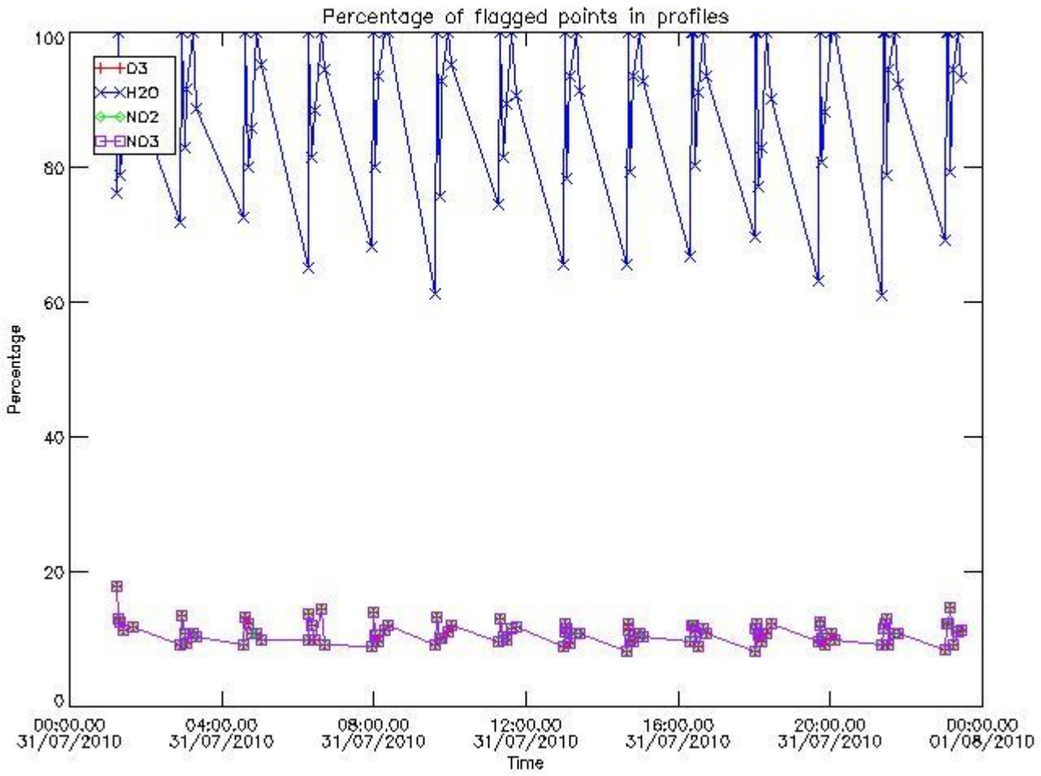
161	GOM_NL__2PRFIN20100731_143853_000000632091_00368_44009_8777.N1	31-JUL-2010 14:38:53	Dark	63.000	13	87Alp Tau	0.86700	3800.0	126	44009	No
162	GOM_NL__2PRFIN20100731_144053_000000452091_00368_44009_8778.N1	31-JUL-2010 14:40:53	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	44009	No
163	GOM_NL__2PRFIN20100731_144238_000000422091_00368_44009_8779.N1	31-JUL-2010 14:42:38	Dark	41.500	72	34Del Ori	2.2500	30000.	83	44009	No
164	GOM_NL__2PRFIN20100731_144515_000000512091_00368_44009_8780.N1	31-JUL-2010 14:45:15	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	44009	No
165	GOM_NL__2PRFIN20100731_144945_000000542091_00368_44009_8781.N1	31-JUL-2010 14:49:45	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	44009	No
166	GOM_NL__2PRFIN20100731_145910_000000472091_00368_44009_8782.N1	31-JUL-2010 14:59:10	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44009	No
167	GOM_NL__2PRFIN20100731_150443_000000492091_00369_44010_8773.N1	31-JUL-2010 15:04:43	Dark	49.000	9	Alp Eri	0.45300	24000.	98	44010	No
168	GOM_NL__2PRFIN20100731_150926_000000592091_00369_44010_8774.N1	31-JUL-2010 15:09:26	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	44010	No
169	GOM_NL__2PRFIN20100731_151457_000000452091_00369_44010_8775.N1	31-JUL-2010 15:14:57	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	44010	No
170	GOM_NL__2PRFIN20100731_151806_000000442091_00369_44010_8776.N1	31-JUL-2010 15:18:06	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	44010	No
171	GOM_NL__2PRFIN20100731_153403_000000392091_00369_44010_8777.N1	31-JUL-2010 15:34:03	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	44010	No
172	GOM_NL__2PRFIN20100731_154248_000000472091_00369_44010_8778.N1	31-JUL-2010 15:42:48	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	44010	No
173	GOM_NL__2PRFIN20100731_154440_000000372091_00369_44010_8779.N1	31-JUL-2010 15:44:40	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44010	No
174	GOM_NL__2PRFIN20100731_155118_000000412091_00369_44010_8780.N1	31-JUL-2010 15:51:18	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44010	No
175	GOM_NL__2PRFIN20100731_160605_000000492091_00369_44010_8781.N1	31-JUL-2010 16:06:05	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	44010	No
176	GOM_NL__2PRFIN20100731_160844_000000532091_00369_44010_8782.N1	31-JUL-2010 16:08:44	Bright	53.000	175	39Del Per	3.0100	19400.	106	44010	No
177	GOM_NL__2PRFIN20100731_161139_000000482091_00369_44010_8783.N1	31-JUL-2010 16:11:39	Bright	48.000	149	45Eps Per	2.8880	30000.	96	44010	No
178	GOM_NL__2PRFIN20100731_161443_000000532091_00369_44010_8784.N1	31-JUL-2010 16:14:43	Twi_and_stray	52.500	150	44Zet Per	2.8900	28000.	105	44010	No
179	GOM_NL__2PRFIN20100731_161700_000000412091_00369_44010_8785.N1	31-JUL-2010 16:17:00	Twi_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	44010	No
180	GOM_NL__2PRFIN20100731_161929_000000532091_00369_44010_8786.N1	31-JUL-2010 16:19:29	Dark	53.000	13	87Alp Tau	0.86700	3800.0	106	44010	No
181	GOM_NL__2PRFIN20100731_162129_000000432091_00369_44010_8787.N1	31-JUL-2010 16:21:29	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	44010	No
182	GOM_NL__2PRFIN20100731_162314_000000432091_00369_44010_8788.N1	31-JUL-2010 16:23:14	Dark	42.500	72	34Del Ori	2.2500	30000.	85	44010	No
183	GOM_NL__2PRFIN20100731_162552_000000462091_00369_44010_8789.N1	31-JUL-2010 16:25:52	Dark	46.000	7	19Bet Ori	0.10000	14000.	92	44010	No
184	GOM_NL__2PRFIN20100731_163022_000000572091_00369_44010_8790.N1	31-JUL-2010 16:30:22	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	44010	No
185	GOM_NL__2PRFIN20100731_163947_000000452091_00369_44010_8791.N1	31-JUL-2010 16:39:47	Dark	44.500	157	The1Eri	2.9060	9300.0	89	44010	No
186	GOM_NL__2PRFIN20100731_164520_000000472091_00370_44011_8781.N1	31-JUL-2010 16:45:20	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44011	No
187	GOM_NL__2PRFIN20100731_165003_000000562091_00370_44011_8782.N1	31-JUL-2010 16:50:03	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44011	No
188	GOM_NL__2PRFIN20100731_165534_000000452091_00370_44011_8783.N1	31-JUL-2010 16:55:34	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	44011	No
189	GOM_NL__2PRFIN20100731_165843_000000462091_00370_44011_8784.N1	31-JUL-2010 16:58:43	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	44011	No
190	GOM_NL__2PRFIN20100731_171439_000000382091_00370_44011_8785.N1	31-JUL-2010 17:14:39	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	44011	No
191	GOM_NL__2PRFIN20100731_172323_000000452091_00370_44011_8786.N1	31-JUL-2010 17:23:23	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	44011	No
192	GOM_NL__2PRFIN20100731_172515_000000402091_00370_44011_8787.N1	31-JUL-2010 17:25:15	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	44011	No
193	GOM_NL__2PRFIN20100731_173154_000000412091_00370_44011_8788.N1	31-JUL-2010 17:31:54	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44011	No
194	GOM_NL__2PRFIN20100731_174641_000000492091_00370_44011_8789.N1	31-JUL-2010 17:46:41	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	44011	No
195	GOM_NL__2PRFIN20100731_174919_000000432091_00370_44011_8790.N1	31-JUL-2010 17:49:19	Bright	42.500	175	39Del Per	3.0100	19400.	85	44011	No
196	GOM_NL__2PRFIN20100731_175215_000000462091_00370_44011_8791.N1	31-JUL-2010 17:52:15	Bright	46.000	149	45Eps Per	2.8880	30000.	92	44011	No
197	GOM_NL__2PRFIN20100731_175519_000000532091_00370_44011_8792.N1	31-JUL-2010 17:55:19	Twi_and_stray	53.000	150	44Zet Per	2.8900	28000.	106	44011	No
198	GOM_NL__2PRFIN20100731_175736_000000412091_00370_44011_8793.N1	31-JUL-2010 17:57:36	Twi_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	44011	No
199	GOM_NL__2PRFIN20100731_180005_000000632091_00370_44011_8794.N1	31-JUL-2010 18:00:05	Dark	63.000	13	87Alp Tau	0.86700	3800.0	126	44011	No
200	GOM_NL__2PRFIN20100731_180206_000000442091_00370_44011_8795.N1	31-JUL-2010 18:02:06	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	44011	No
201	GOM_NL__2PRFIN20100731_180351_000000422091_00370_44011_8796.N1	31-JUL-2010 18:03:51	Dark	41.500	72	34Del Ori	2.2500	30000.	83	44011	No
202	GOM_NL__2PRFIN20100731_180628_000000492091_00370_44011_8797.N1	31-JUL-2010 18:06:28	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	44011	No
203	GOM_NL__2PRFIN20100731_181059_000000532091_00370_44011_8798.N1	31-JUL-2010 18:10:59	Dark	53.000	165	34Gam Eri	2.9500	3200.0	106	44011	No
204	GOM_NL__2PRFIN20100731_182024_000000472091_00370_44011_8799.N1	31-JUL-2010 18:20:24	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44011	No
205	GOM_NL__2PRFIN20100731_182557_000000462091_00371_44012_8862.N1	31-JUL-2010 18:25:57	Dark	46.000	9	Alp Eri	0.45300	24000.	92	44012	No
206	GOM_NL__2PRFIN20100731_183040_000000562091_00371_44012_8863.N1	31-JUL-2010 18:30:40	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44012	No
207	GOM_NL__2PRFIN20100731_183610_000000522091_00371_44012_8864.N1	31-JUL-2010 18:36:10	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	44012	No
208	GOM_NL__2PRFIN20100731_183919_000000462091_00371_44012_8865.N1	31-JUL-2010 18:39:19	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	44012	No
209	GOM_NL__2PRFIN20100731_185515_000000382091_00371_44012_8866.N1	31-JUL-2010 18:55:15	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	44012	No
210	GOM_NL__2PRFIN20100731_190358_000000462091_00371_44012_8867.N1	31-JUL-2010 19:03:58	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	44012	No
211	GOM_NL__2PRFIN20100731_190551_000000392091_00371_44012_8868.N1	31-JUL-2010 19:05:51	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	44012	No
212	GOM_NL__2PRFIN20100731_191229_000000442091_00371_44012_8869.N1	31-JUL-2010 19:12:29	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	44012	No
213	GOM_NL__2PRFIN20100731_192717_000000492091_00371_44012_8870.N1	31-JUL-2010 19:27:17	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	44012	No
214	GOM_NL__2PRFIN20100731_192955_000000532091_00371_44012_8871.N1	31-JUL-2010 19:29:55	Bright	53.000	175	39Del Per	3.0100	19400.	106	44012	No
215	GOM_NL__2PRFIN20100731_193250_000000482091_00371_44012_8872.N1	31-JUL-2010 19:32:50	Bright	48.000	149	45Eps Per	2.8880	30000.	96	44012	No
216	GOM_NL__2PRFIN20100731_193555_000000452091_00371_44012_8873.N1	31-JUL-2010 19:35:55	Twi_and_stray	45.000	150	44Zet Per	2.8900	28000.	90	44012	No
217	GOM_NL__2PRFIN20100731_193813_000000422091_00371_44012_8874.N1	31-JUL-2010 19:38:13	Twi_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	44012	No
218	GOM_NL__2PRFIN20100731_194042_000000542091_00371_44012_8875.N1	31-JUL-2010 19:40:42	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	44012	No
219	GOM_NL__2PRFIN20100731_194242_000000432091_00371_44012_8876.N1	31-JUL-2010 19:42:42	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	44012	No

220	GOM_NL__2PRFIN20100731_194427_000000412091_00371_44012_8877.N1	31-JUL-2010 19:44:27	Dark	41.000	72	34Del Ori	2.2500	30000.	82	44012	No
221	GOM_NL__2PRFIN20100731_194705_000000502091_00371_44012_8878.N1	31-JUL-2010 19:47:05	Dark	50.000	7	19Bet Ori	0.10000	14000.	100	44012	No
222	GOM_NL__2PRFIN20100731_195136_000000562091_00371_44012_8879.N1	31-JUL-2010 19:51:36	Dark	55.500	165	34Gam Eri	2.9500	3200.0	111	44012	No
223	GOM_NL__2PRFIN20100731_200101_000000472091_00371_44012_8880.N1	31-JUL-2010 20:01:01	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44012	No
224	GOM_NL__2PRFIN20100731_200633_000000522091_00372_44013_8872.N1	31-JUL-2010 20:06:33	Dark	51.500	9	Alp Eri	0.45300	24000.	103	44013	No
225	GOM_NL__2PRFIN20100731_201117_000000542091_00372_44013_8873.N1	31-JUL-2010 20:11:17	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	44013	No
226	GOM_NL__2PRFIN20100731_201647_000000502091_00372_44013_8874.N1	31-JUL-2010 20:16:47	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	44013	No
227	GOM_NL__2PRFIN20100731_201956_000000452091_00372_44013_8875.N1	31-JUL-2010 20:19:56	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	44013	No
228	GOM_NL__2PRFIN20100731_203551_000000382091_00372_44013_8876.N1	31-JUL-2010 20:35:51	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	44013	No
229	GOM_NL__2PRFIN20100731_204434_000000432091_00372_44013_8877.N1	31-JUL-2010 20:44:34	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	44013	No
230	GOM_NL__2PRFIN20100731_204627_000000382091_00372_44013_8878.N1	31-JUL-2010 20:46:27	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44013	No
231	GOM_NL__2PRFIN20100731_205305_000000422091_00372_44013_8879.N1	31-JUL-2010 20:53:05	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	44013	No
232	GOM_NL__2PRFIN20100731_210752_000000482091_00372_44013_8880.N1	31-JUL-2010 21:07:52	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	44013	No
233	GOM_NL__2PRFIN20100731_211031_000000532091_00372_44013_8881.N1	31-JUL-2010 21:10:31	Bright	53.000	175	39Del Per	3.0100	19400.	106	44013	No
234	GOM_NL__2PRFIN20100731_211327_000000442091_00372_44013_8882.N1	31-JUL-2010 21:13:27	Bright	44.000	149	45Eps Per	2.8880	30000.	88	44013	No
235	GOM_NL__2PRFIN20100731_211631_000000452091_00372_44013_8883.N1	31-JUL-2010 21:16:31	Twi_and_stray	45.000	150	44Zet Per	2.8900	28000.	90	44013	No
236	GOM_NL__2PRFIN20100731_211849_000000412091_00372_44013_8884.N1	31-JUL-2010 21:18:49	Twi_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	44013	No
237	GOM_NL__2PRFIN20100731_212118_000000562091_00372_44013_8885.N1	31-JUL-2010 21:21:18	Dark	55.500	13	87Alp Tau	0.86700	3800.0	111	44013	No
238	GOM_NL__2PRFIN20100731_212318_000000452091_00372_44013_8886.N1	31-JUL-2010 21:23:18	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	44013	No
239	GOM_NL__2PRFIN20100731_212504_000000422091_00372_44013_8887.N1	31-JUL-2010 21:25:04	Dark	41.500	72	34Del Ori	2.2500	30000.	83	44013	No
240	GOM_NL__2PRFIN20100731_212741_000000432091_00372_44013_8888.N1	31-JUL-2010 21:27:41	Dark	42.500	7	19Bet Ori	0.10000	14000.	85	44013	No
241	GOM_NL__2PRFIN20100731_213213_000000562091_00372_44013_8889.N1	31-JUL-2010 21:32:13	Dark	55.500	165	34Gam Eri	2.9500	3200.0	111	44013	No
242	GOM_NL__2PRFIN20100731_214138_000000472091_00372_44013_8890.N1	31-JUL-2010 21:41:38	Dark	47.000	157	The1Eri	2.9060	9300.0	94	44013	No
243	GOM_NL__2PRFIN20100731_214710_000000472091_00373_44014_8880.N1	31-JUL-2010 21:47:10	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44014	No
244	GOM_NL__2PRFIN20100731_215154_000000552091_00373_44014_8881.N1	31-JUL-2010 21:51:54	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	44014	No
245	GOM_NL__2PRFIN20100731_215723_000000432091_00373_44014_8882.N1	31-JUL-2010 21:57:23	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	44014	No
246	GOM_NL__2PRFIN20100731_220032_000000452091_00373_44014_8883.N1	31-JUL-2010 22:00:32	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	44014	No
247	GOM_NL__2PRFIN20100731_221627_000000382091_00373_44014_8884.N1	31-JUL-2010 22:16:27	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	44014	No
248	GOM_NL__2PRFIN20100731_222509_000000422091_00373_44014_8885.N1	31-JUL-2010 22:25:09	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	44014	No
249	GOM_NL__2PRFIN20100731_222702_000000382091_00373_44014_8886.N1	31-JUL-2010 22:27:02	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44014	No
250	GOM_NL__2PRFIN20100731_223340_000000422091_00373_44014_8887.N1	31-JUL-2010 22:33:40	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	44014	No
251	GOM_NL__2PRFIN20100731_224828_000000472091_00373_44014_8888.N1	31-JUL-2010 22:48:28	Bright	47.000	160	23Gam Per	2.9300	4700.0	94	44014	No
252	GOM_NL__2PRFIN20100731_225106_000000442091_00373_44014_8889.N1	31-JUL-2010 22:51:06	Bright	44.000	175	39Del Per	3.0100	19400.	88	44014	No
253	GOM_NL__2PRFIN20100731_225402_000000462091_00373_44014_8890.N1	31-JUL-2010 22:54:02	Bright	45.500	149	45Eps Per	2.8880	30000.	91	44014	No
254	GOM_NL__2PRFIN20100731_225707_000000372091_00373_44014_8891.N1	31-JUL-2010 22:57:07	Twi_and_stray	37.000	150	44Zet Per	2.8900	28000.	74	44014	No
255	GOM_NL__2PRFIN20100731_225925_000000422091_00373_44014_8892.N1	31-JUL-2010 22:59:25	Twi_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	44014	No
256	GOM_NL__2PRFIN20100731_230154_000000612091_00373_44014_8893.N1	31-JUL-2010 23:01:54	Dark	60.500	13	87Alp Tau	0.86700	3800.0	121	44014	No
257	GOM_NL__2PRFIN20100731_230354_000000422091_00373_44014_8894.N1	31-JUL-2010 23:03:54	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	44014	No
258	GOM_NL__2PRFIN20100731_230540_000000422091_00373_44014_8895.N1	31-JUL-2010 23:05:40	Dark	41.500	72	34Del Ori	2.2500	30000.	83	44014	No
259	GOM_NL__2PRFIN20100731_230817_000000412091_00373_44014_8896.N1	31-JUL-2010 23:08:17	Dark	41.000	7	19Bet Ori	0.10000	14000.	82	44014	No
260	GOM_NL__2PRFIN20100731_231250_000000552091_00373_44014_8897.N1	31-JUL-2010 23:12:50	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	44014	No
261	GOM_NL__2PRFIN20100731_232214_000000462091_00373_44014_8898.N1	31-JUL-2010 23:22:14	Dark	45.500	157	The1Eri	2.9060	9300.0	91	44014	No
262	GOM_NL__2PRFIN20100731_232746_000000452091_00374_44015_8888.N1	31-JUL-2010 23:27:46	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44015	No
263	GOM_NL__2PRFIN20100731_233231_000000572091_00374_44015_8889.N1	31-JUL-2010 23:32:31	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	44015	No
264	GOM_NL__2PRFIN20100731_233800_000000452091_00374_44015_8890.N1	31-JUL-2010 23:38:00	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	44015	No
265	GOM_NL__2PRFIN20100731_234108_000000472091_00374_44015_8891.N1	31-JUL-2010 23:41:08	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	44015	No
266	GOM_NL__2PRFIN20100731_235702_000000402091_00374_44015_8892.N1	31-JUL-2010 23:57:02	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	44015	No

3. Quality information per product

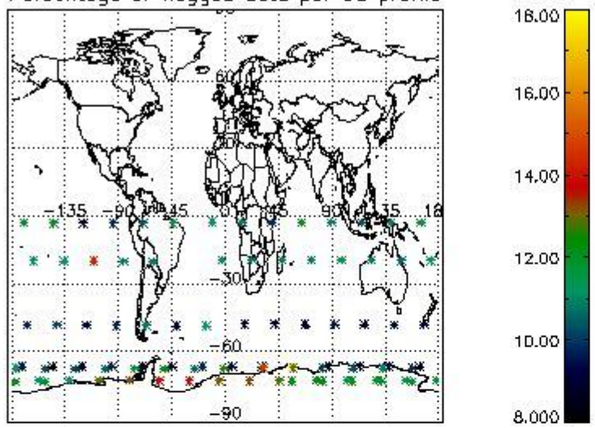
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

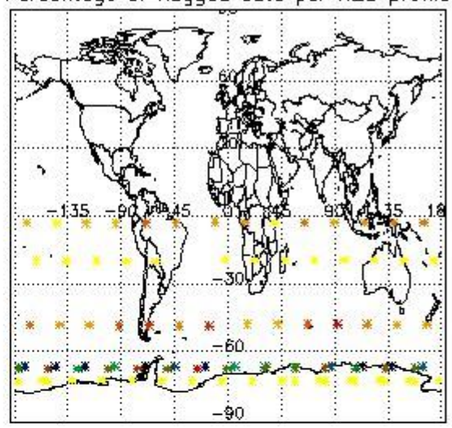


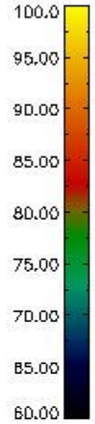
3.2 Plot quality information per product (world map)

Percentage of flagged data per O3 profile

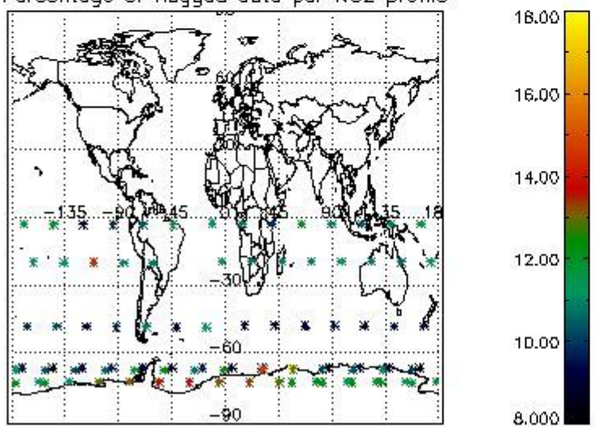


Percentage of flagged data per H2O profile

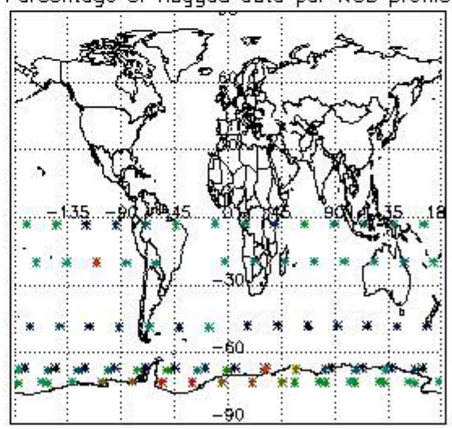


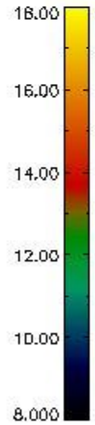


Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



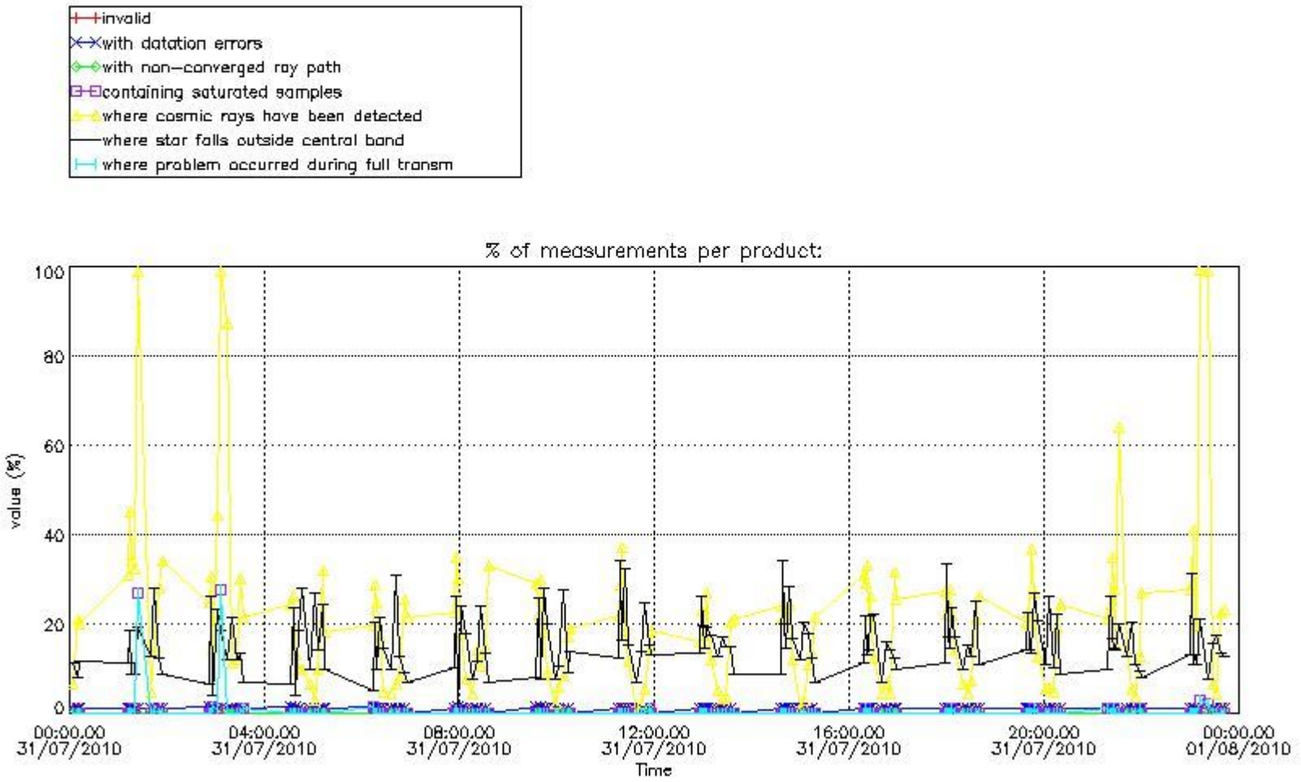


4. Level 1 quality information per product

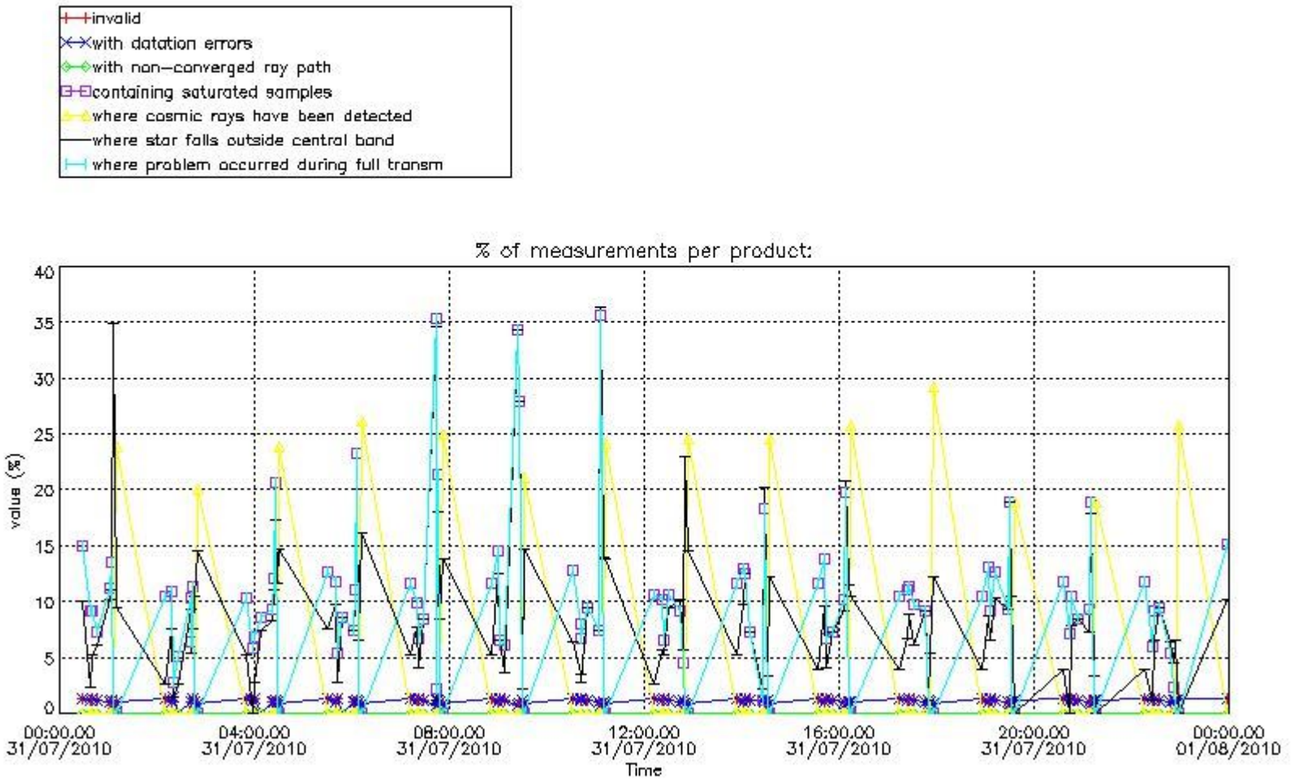
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

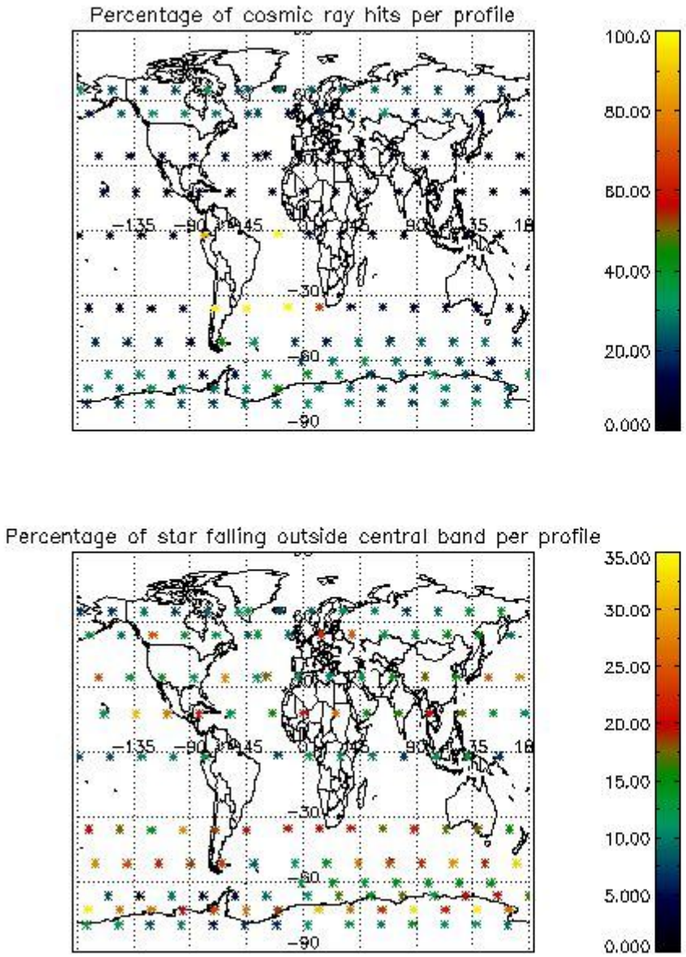


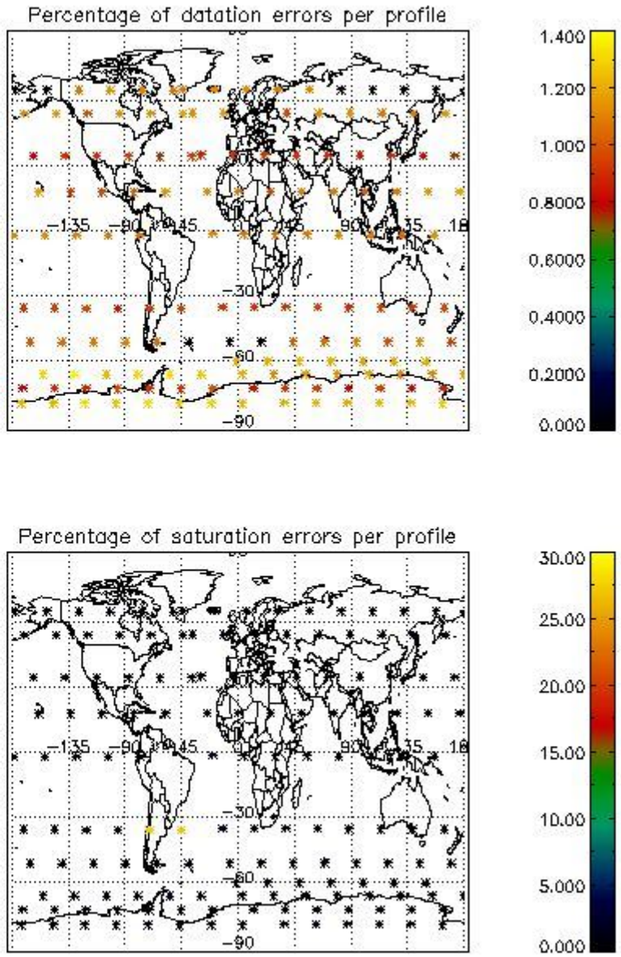
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



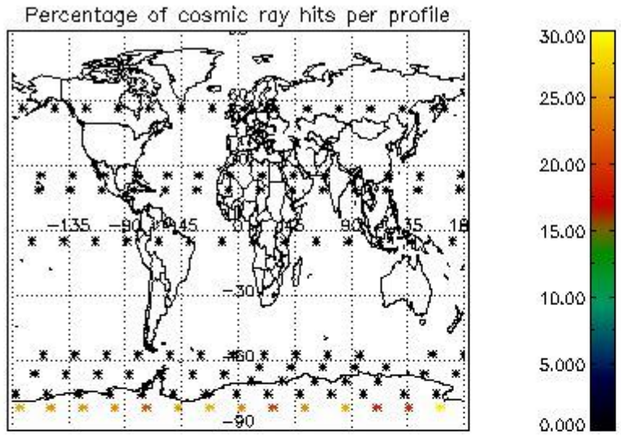
4.2 Plot quality information per product comming from level 1b processing (world map)

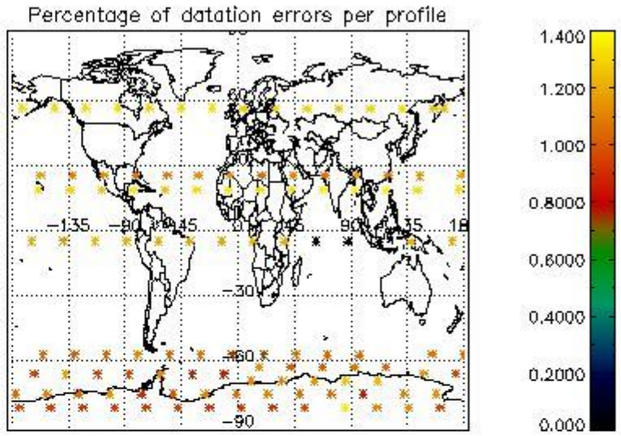
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

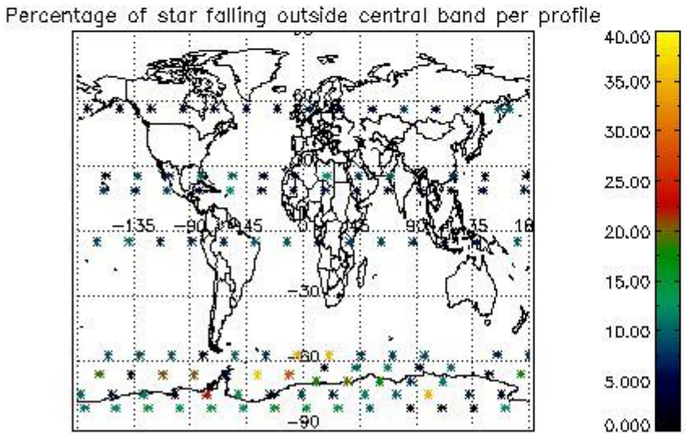


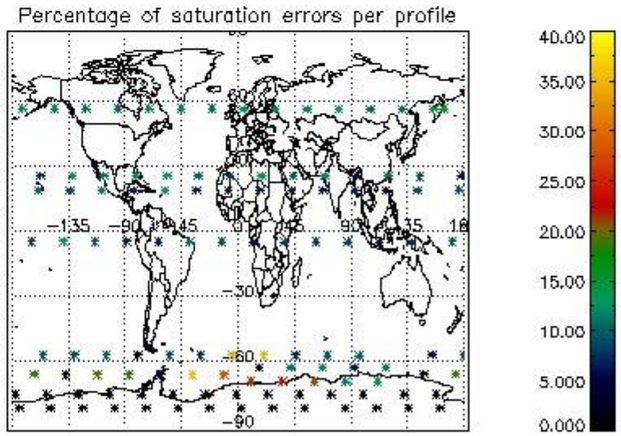


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

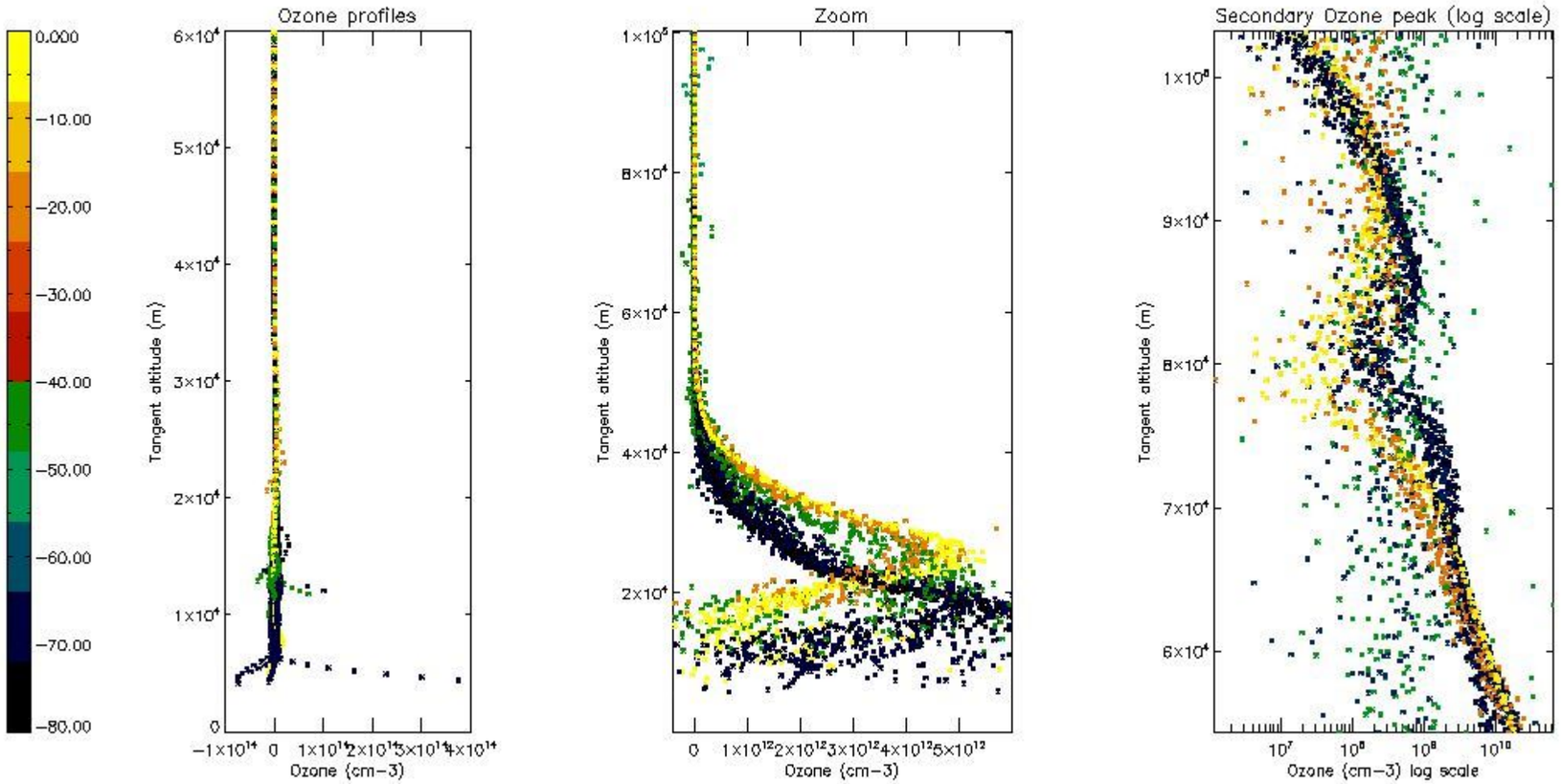
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	35
STD < 20	18

STD < 10	14
STD < 5	10

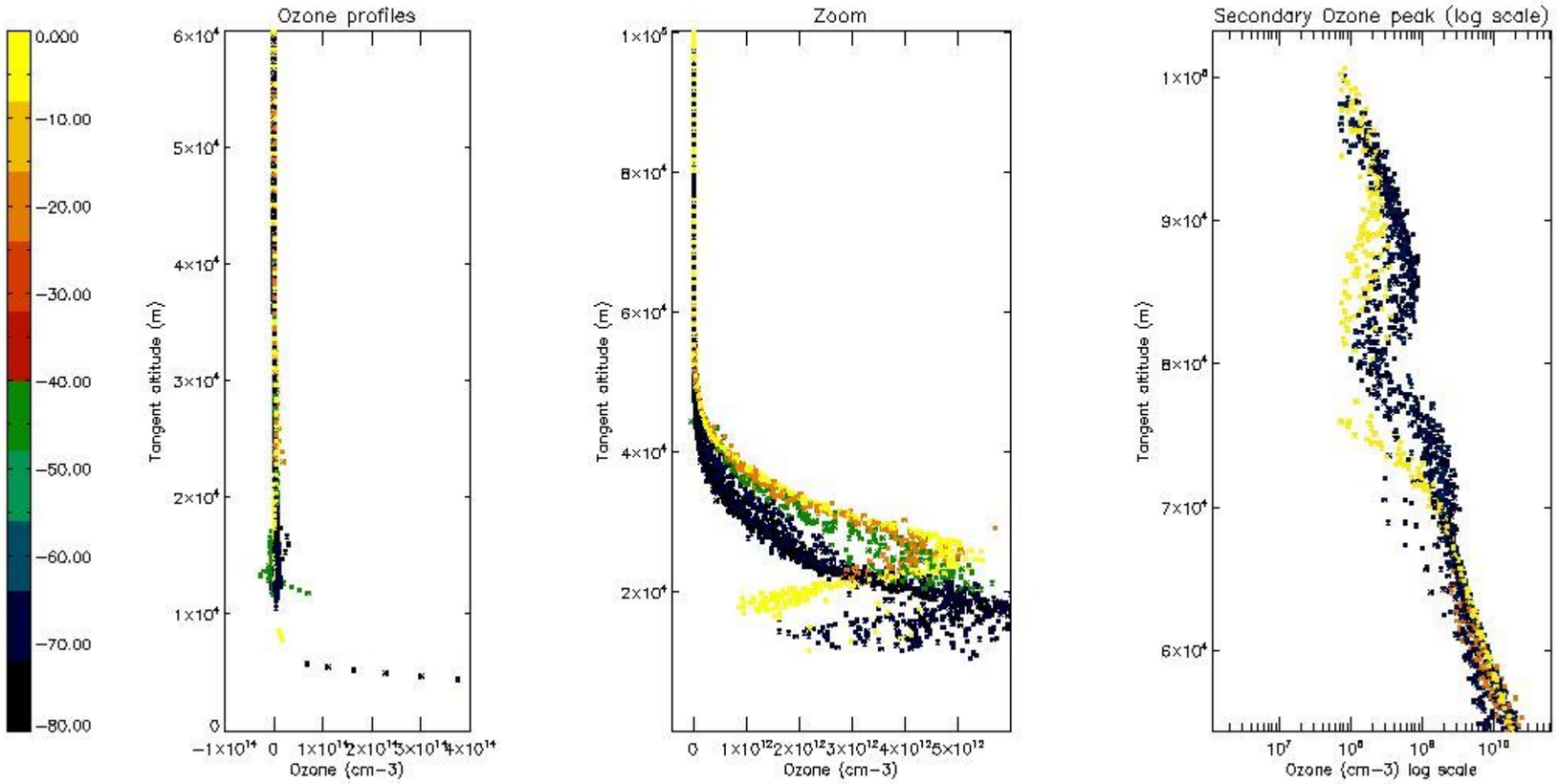
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



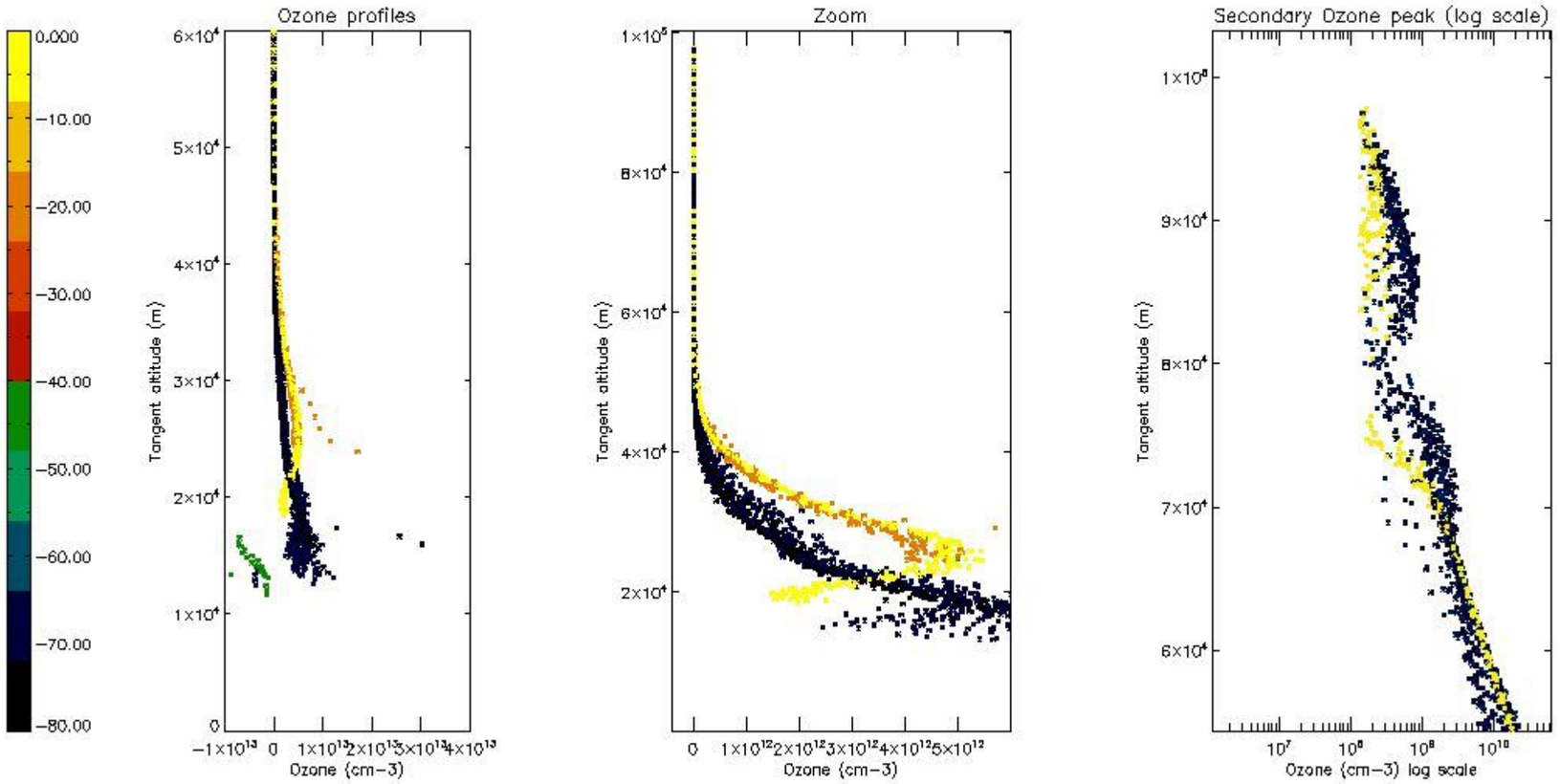
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



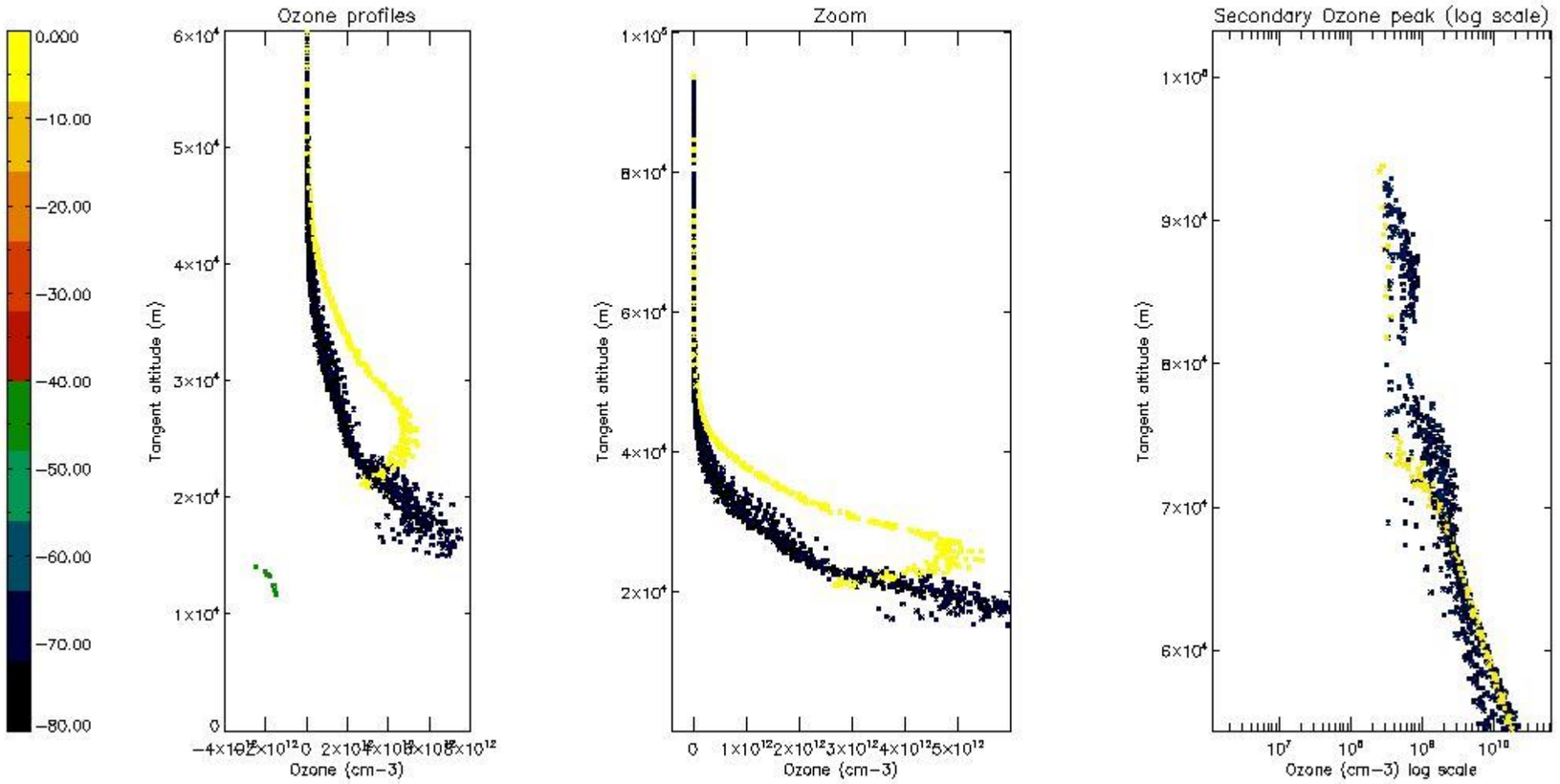
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



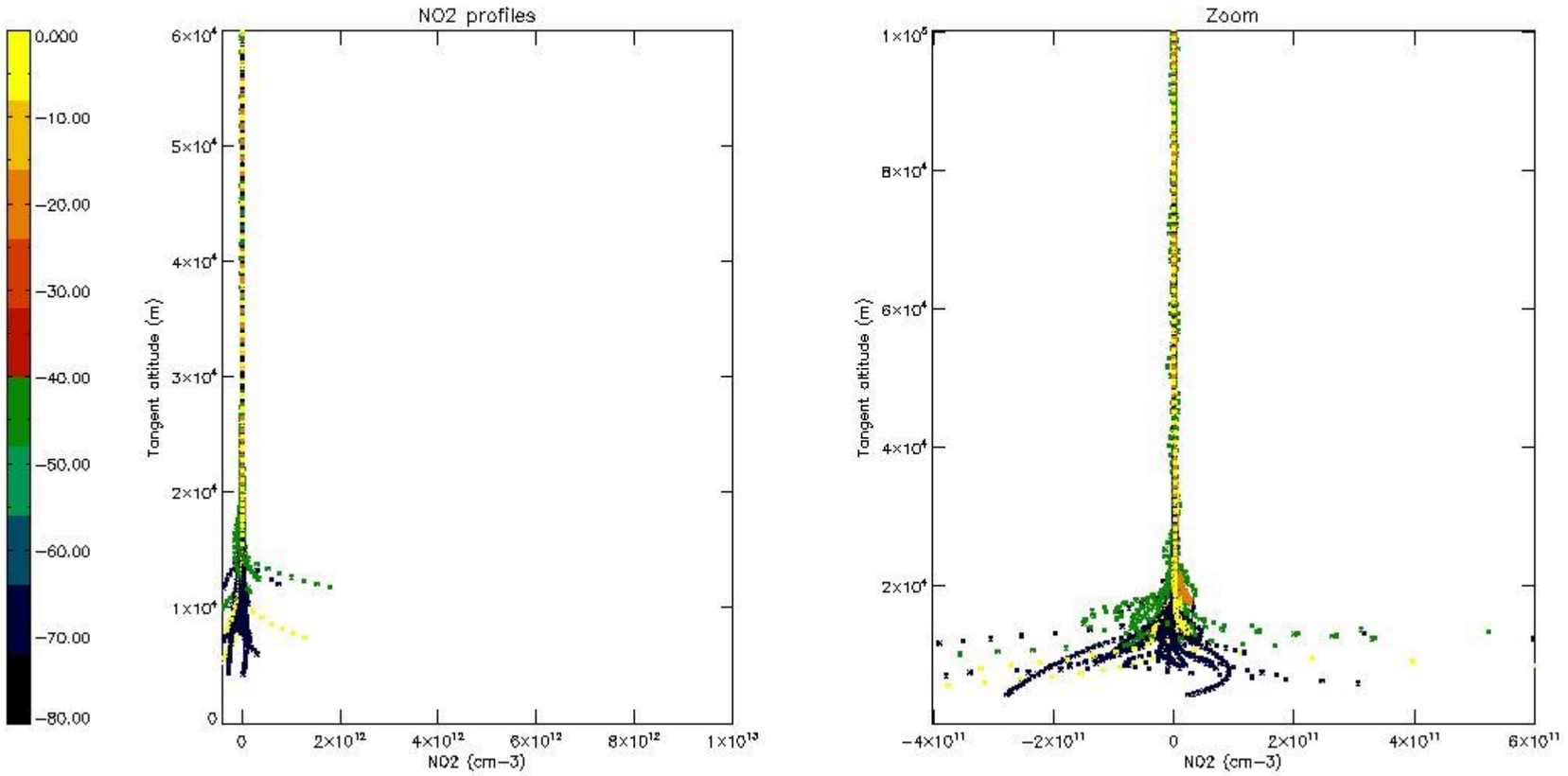
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



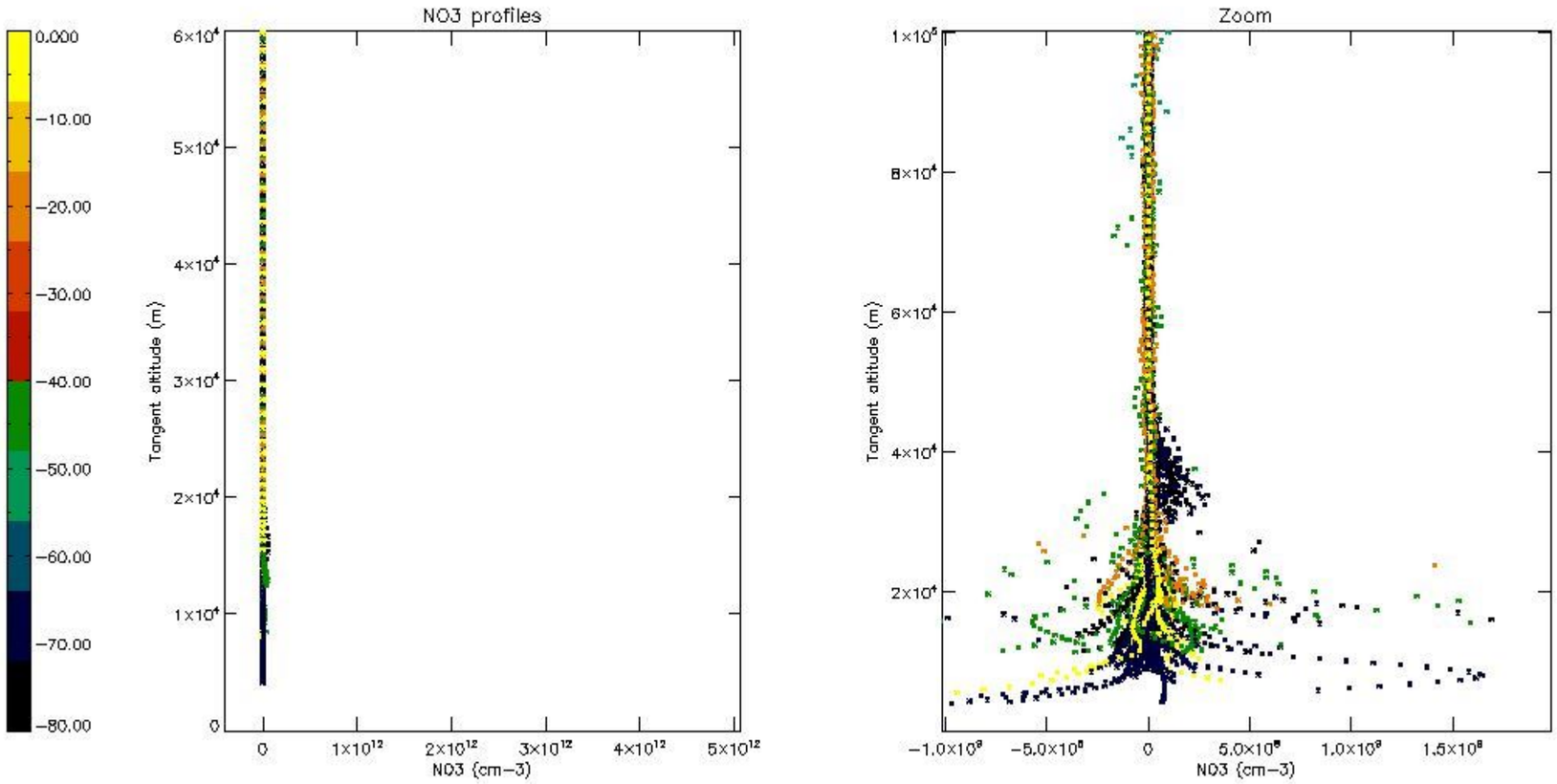
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



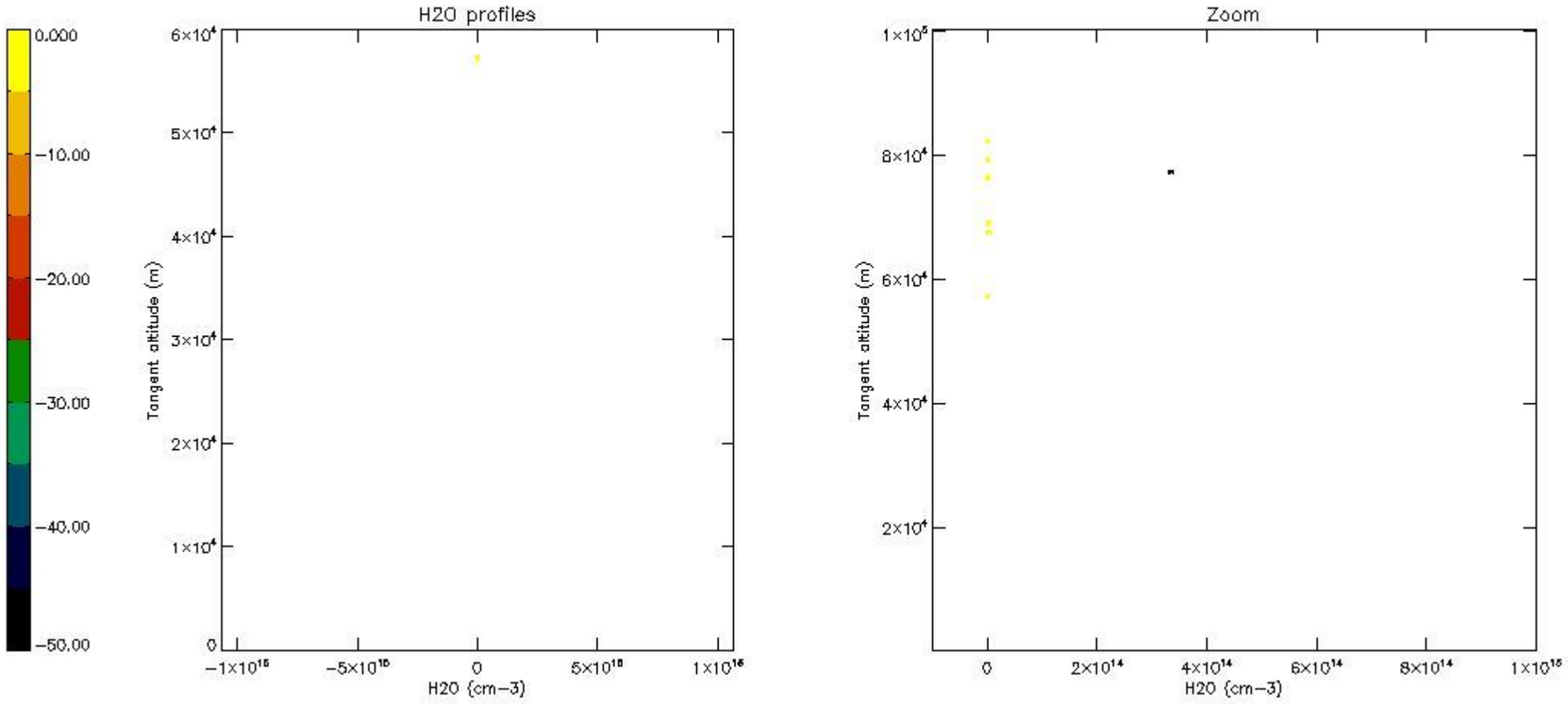
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

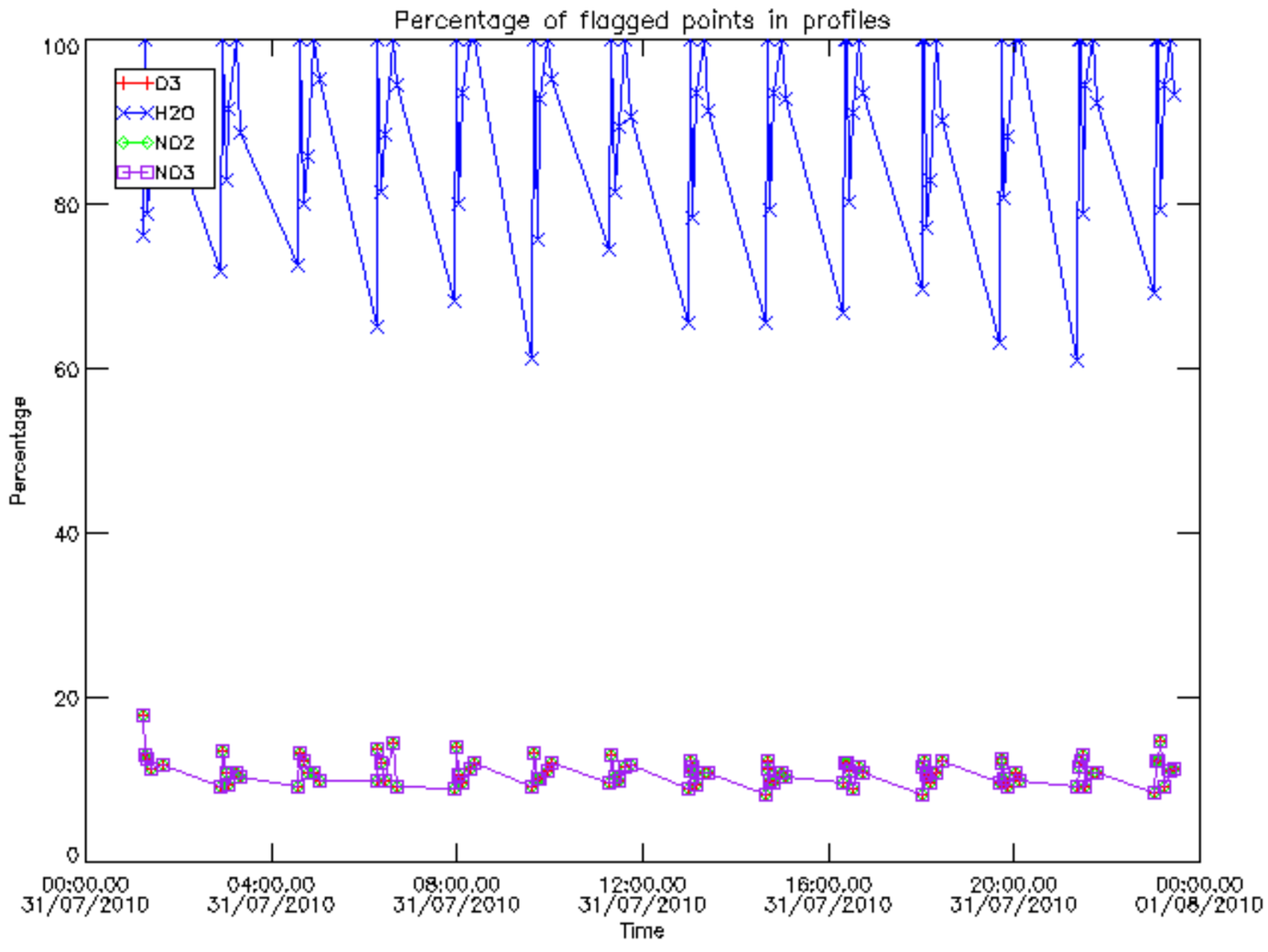
The colorbar represents the latitude.

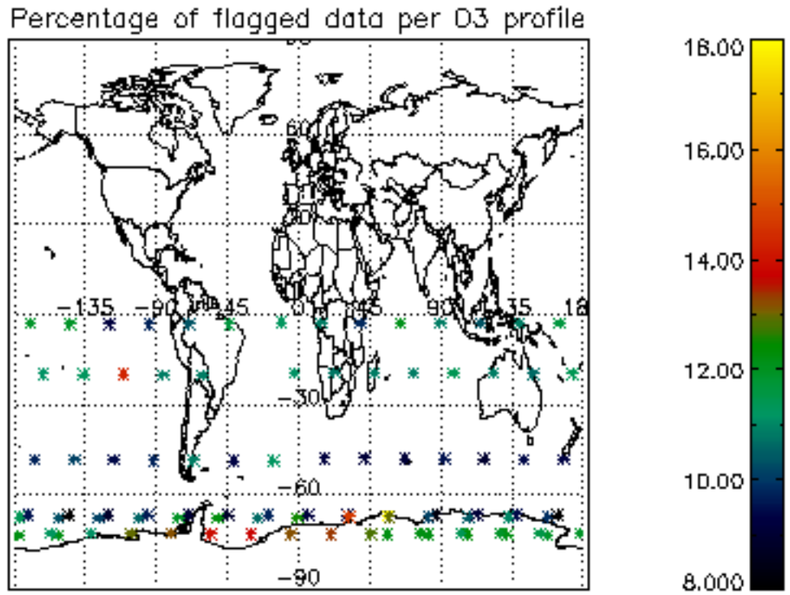


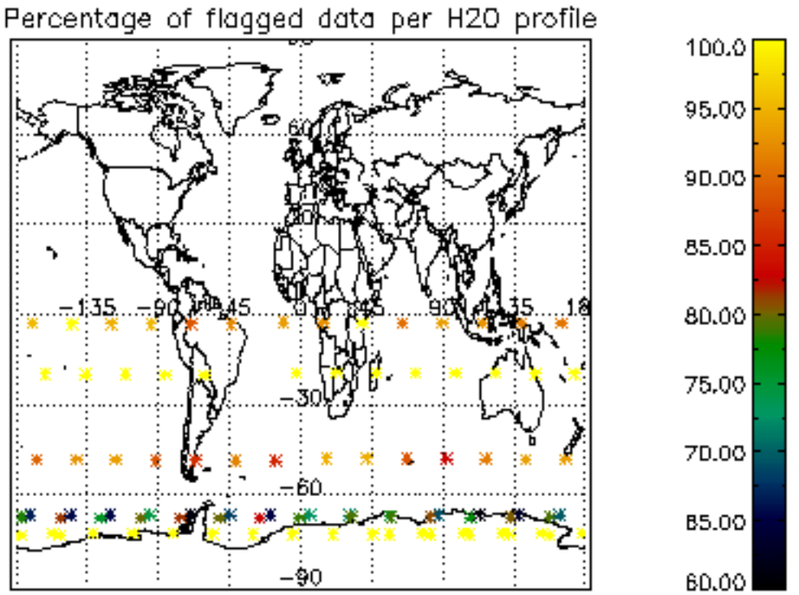
6. Auxiliary Data Files used for the production reported in section 2

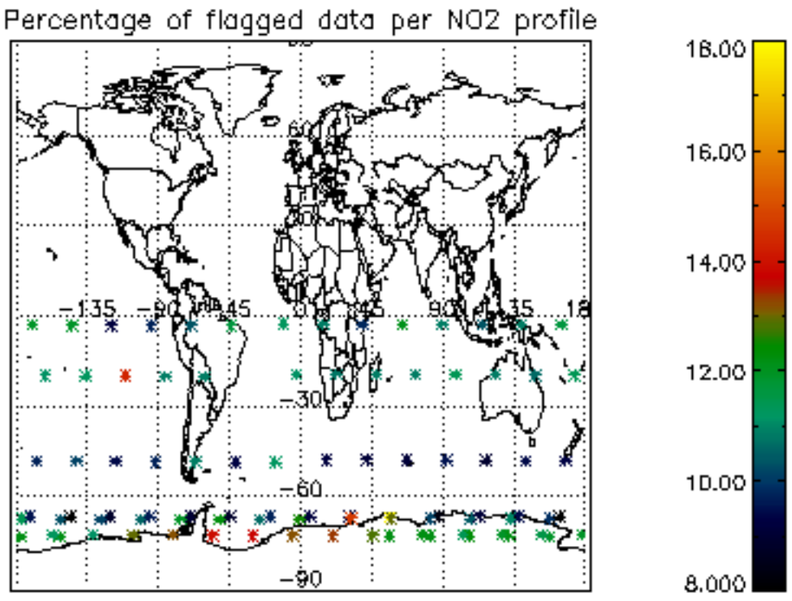
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

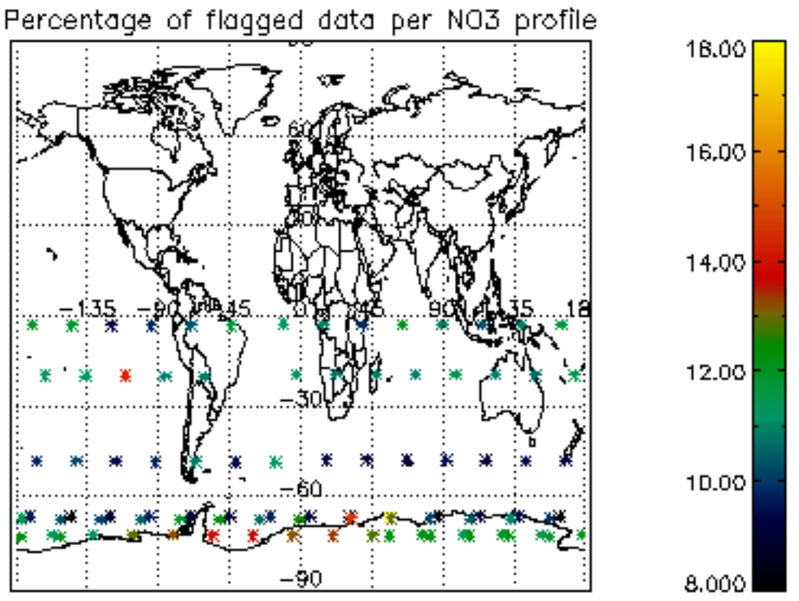
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	31-JUL-2010 00:03:53
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	31-JUL-2010 00:03:53
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	31-JUL-2010 00:03:53

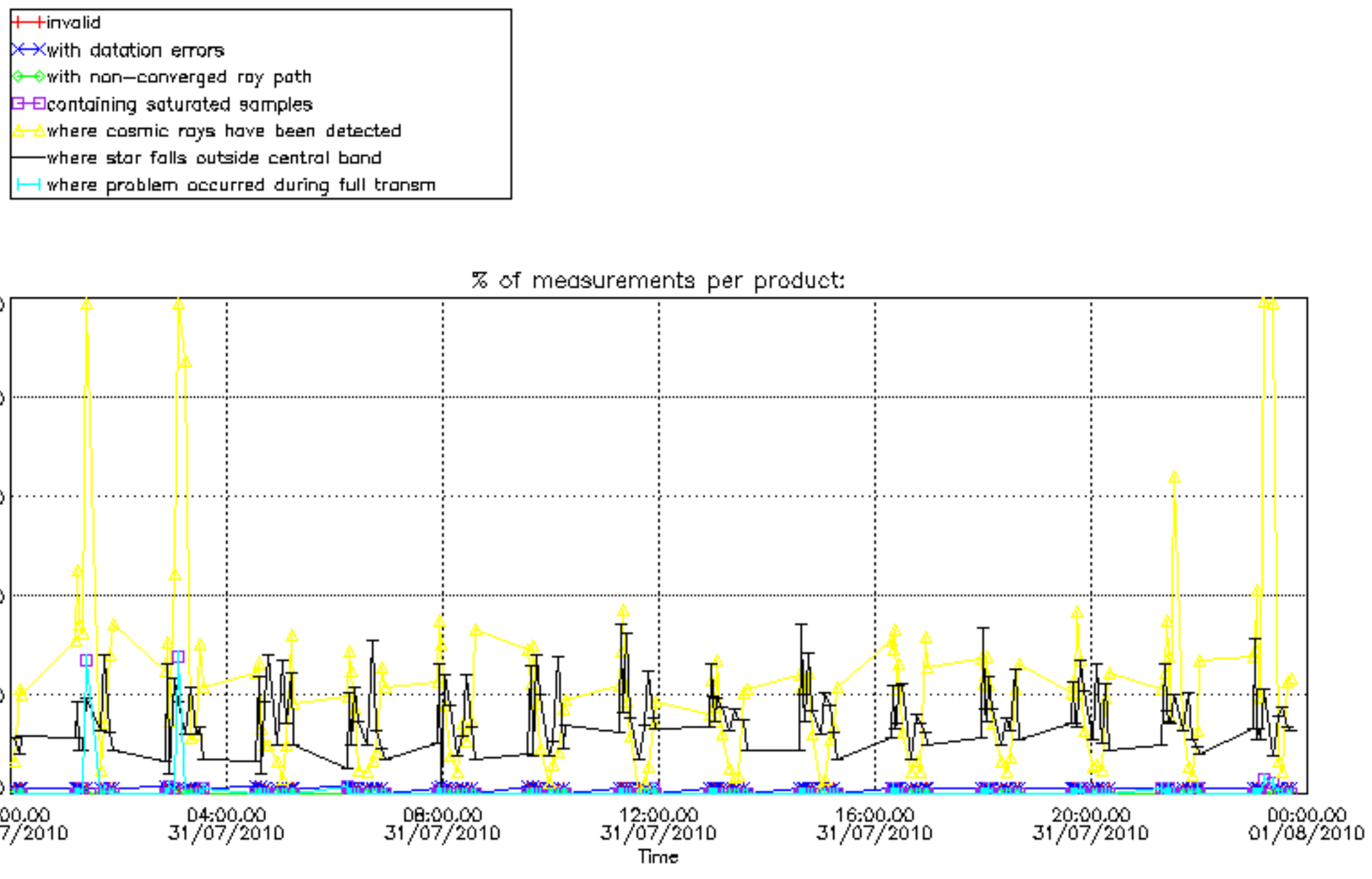

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
31/07/2010
04:00.00
31/07/2010
08:00.00
31/07/2010
12:00.00
31/07/2010
16:00.00
31/07/2010
20:00.00
31/07/2010
00:00.00
01/08/2010
Time

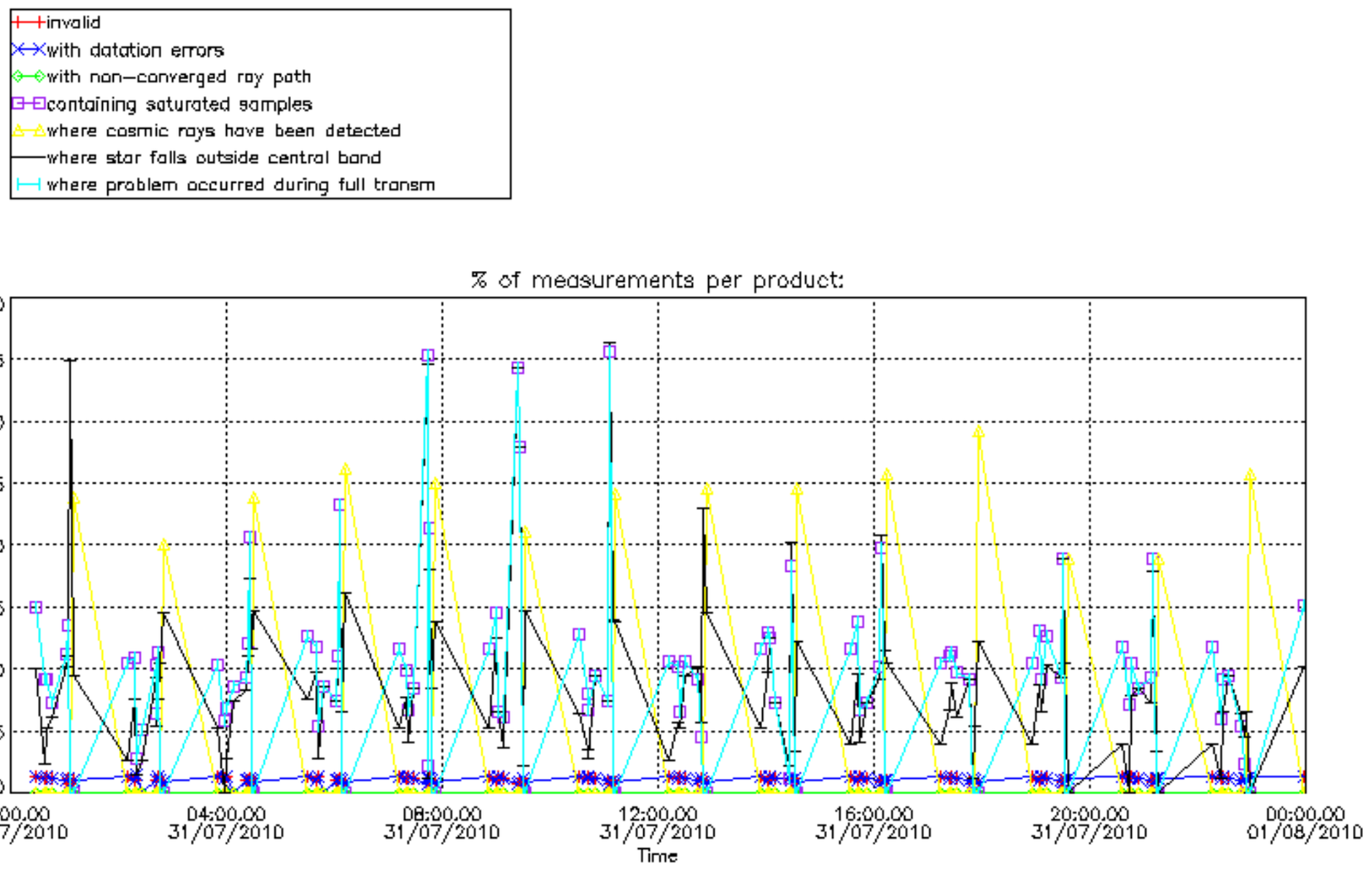

Percentage of flagged data per O3 profile
18.00
16.00
14.00
12.00
10.00
8.000
60
-30
-60
-90
-135
-90
45
90
135
18

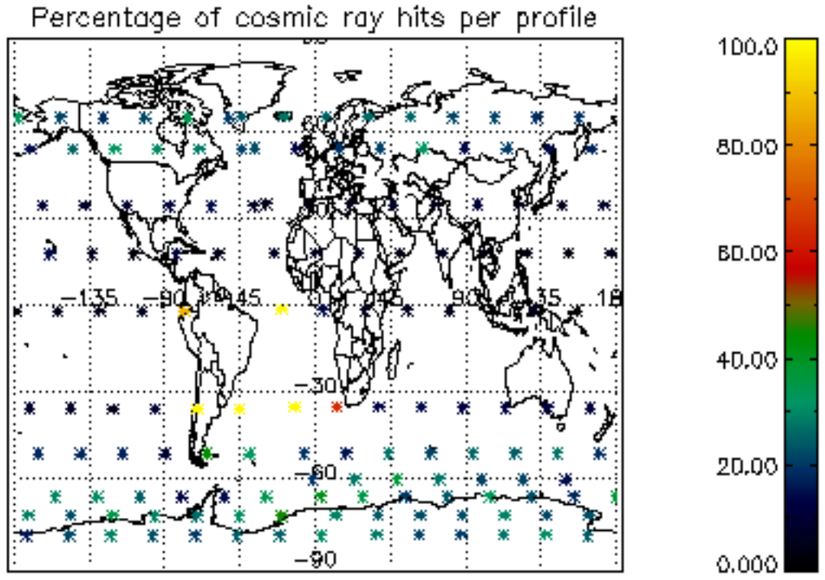

Percentage of flagged data per H2O profile
100.0
95.00
90.00
85.00
80.00
75.00
70.00
65.00
60.00
60
-30
-60
-90
-135
-90
45
90
135
18

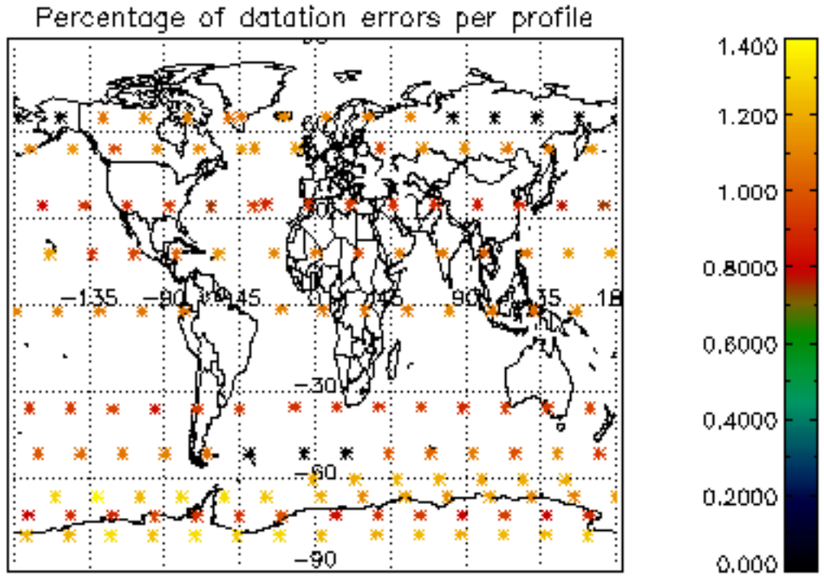

Percentage of flagged data per NO2 profile
18.00
16.00
14.00
12.00
10.00
8.000
60
-30
-60
-90
-135
-90
45
90
135
18

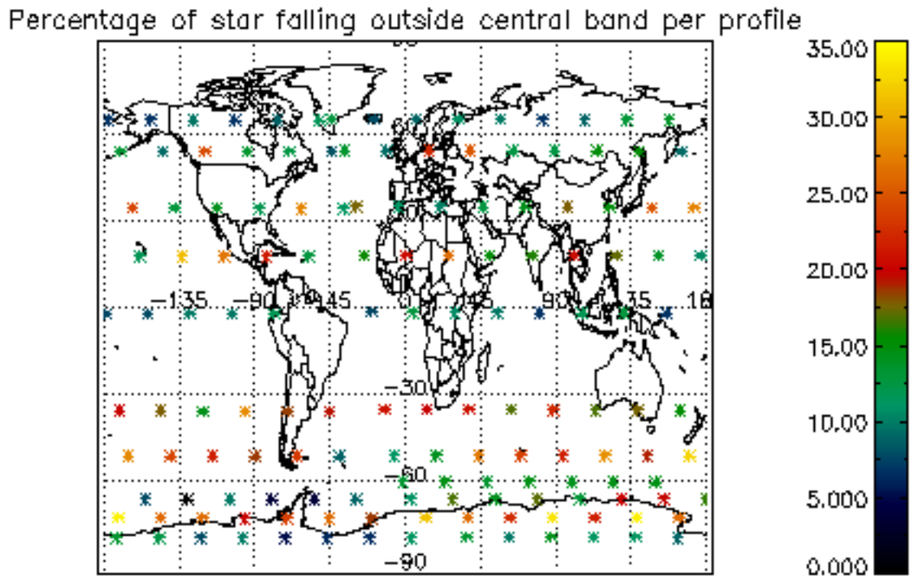

Percentage of flagged data per NO3 profile
18.00
16.00
14.00
12.00
10.00
8.000
60
-30
-60
-90
-135
-90
45
90
135
18

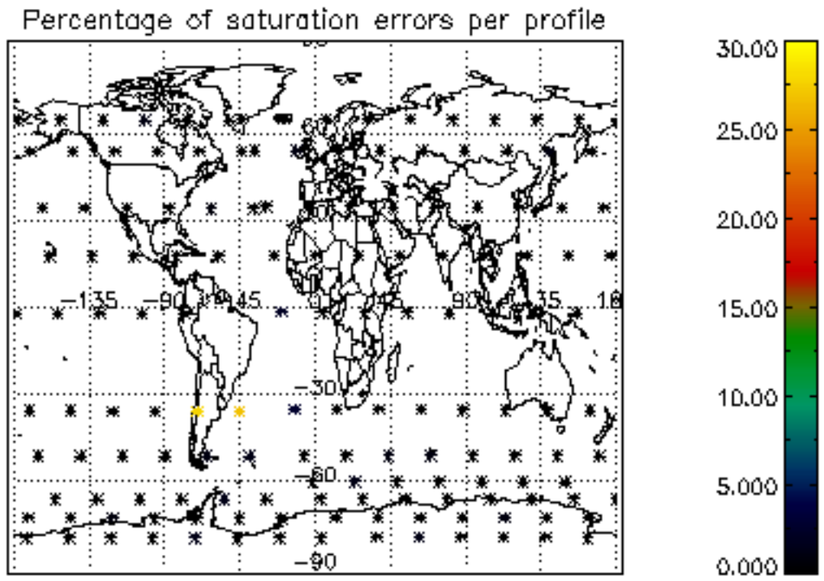

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
31/07/2010
04:00.00
31/07/2010
08:00.00
31/07/2010
12:00.00
31/07/2010
16:00.00
31/07/2010
20:00.00
31/07/2010
00:00.00
01/08/2010
Time

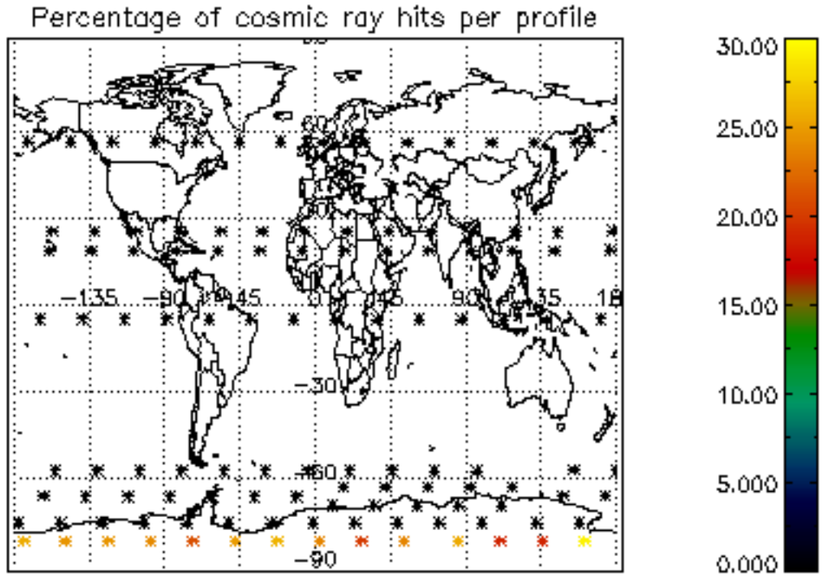

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
35
40
00:00.00
31/07/2010
04:00.00
31/07/2010
08:00.00
31/07/2010
12:00.00
31/07/2010
16:00.00
31/07/2010
20:00.00
31/07/2010
00:00.00
01/08/2010
Time

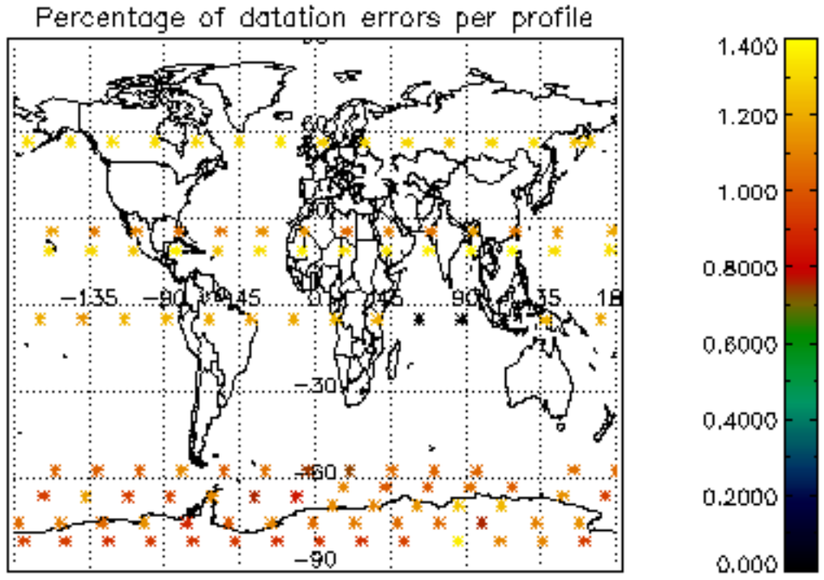

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

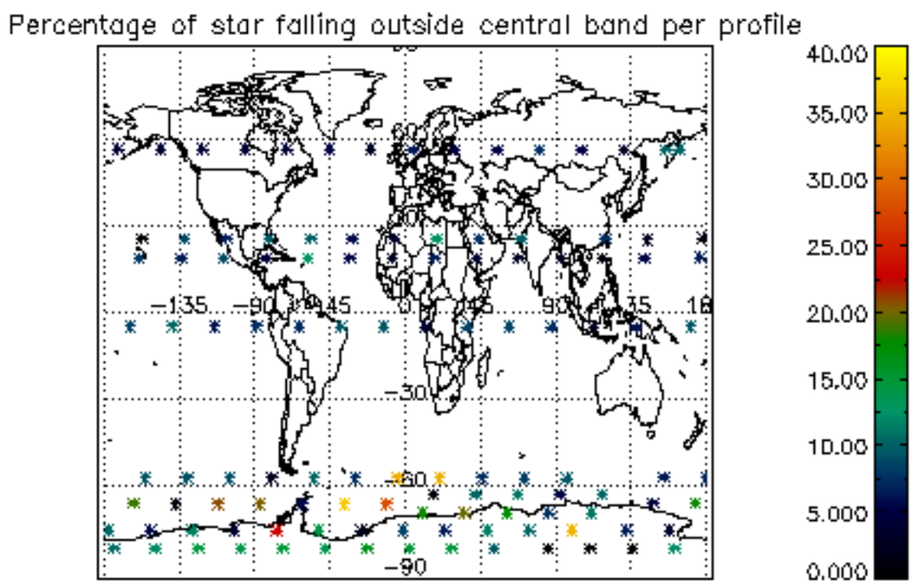

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

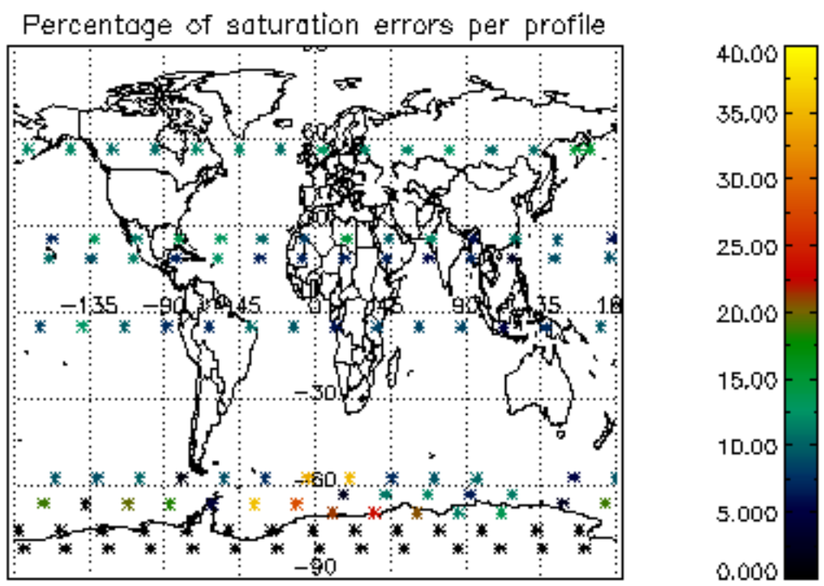

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

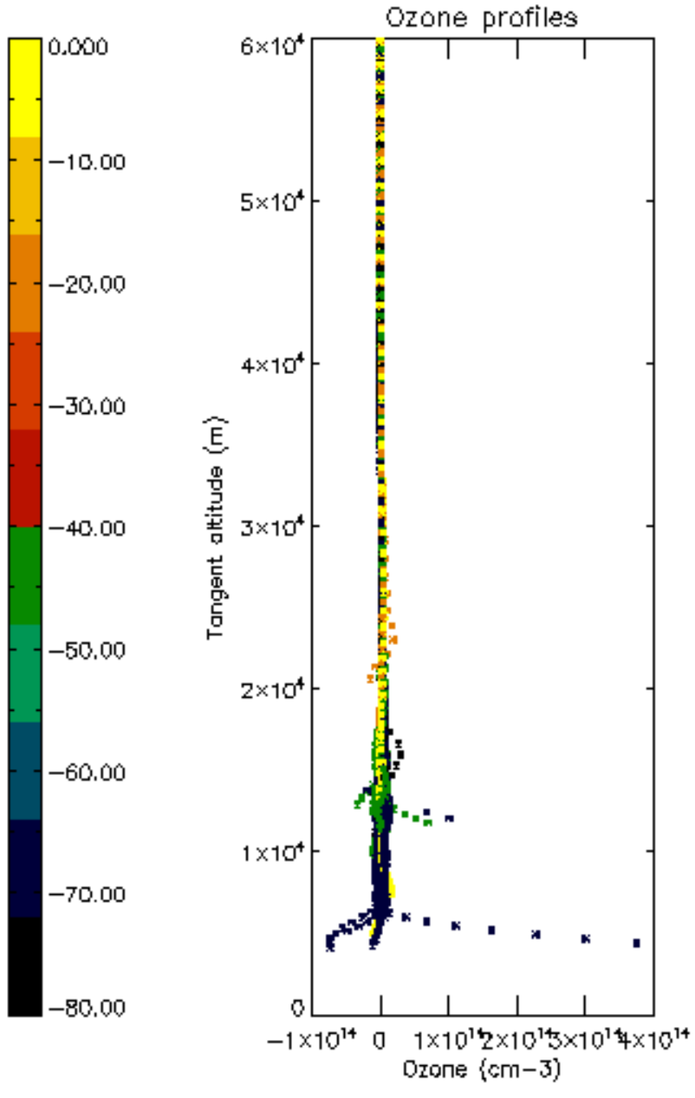

Percentage of saturation errors per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

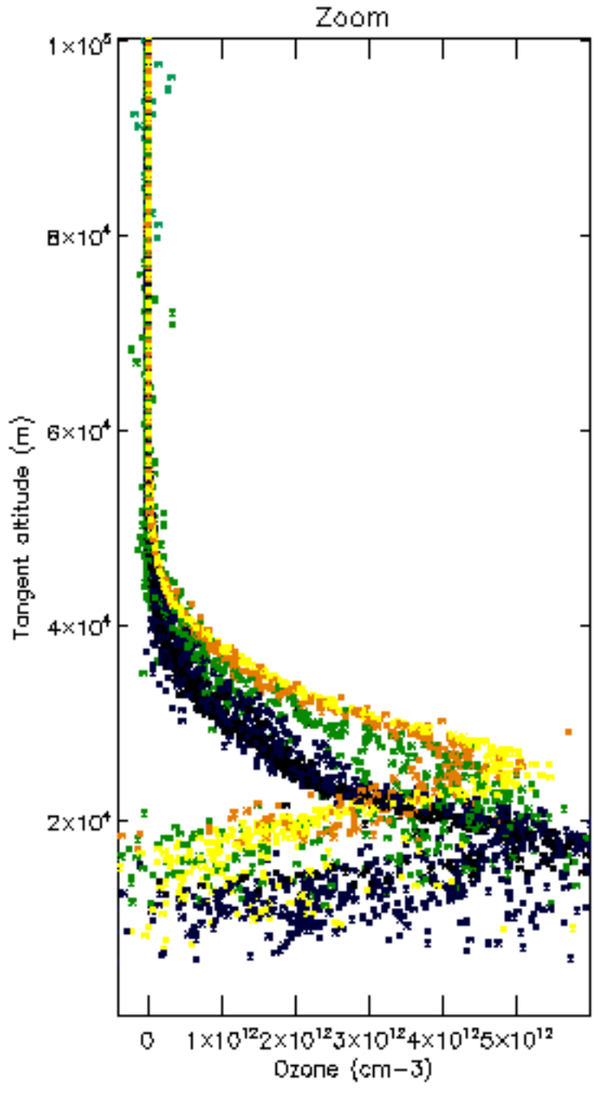

Percentage of cosmic ray hits per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

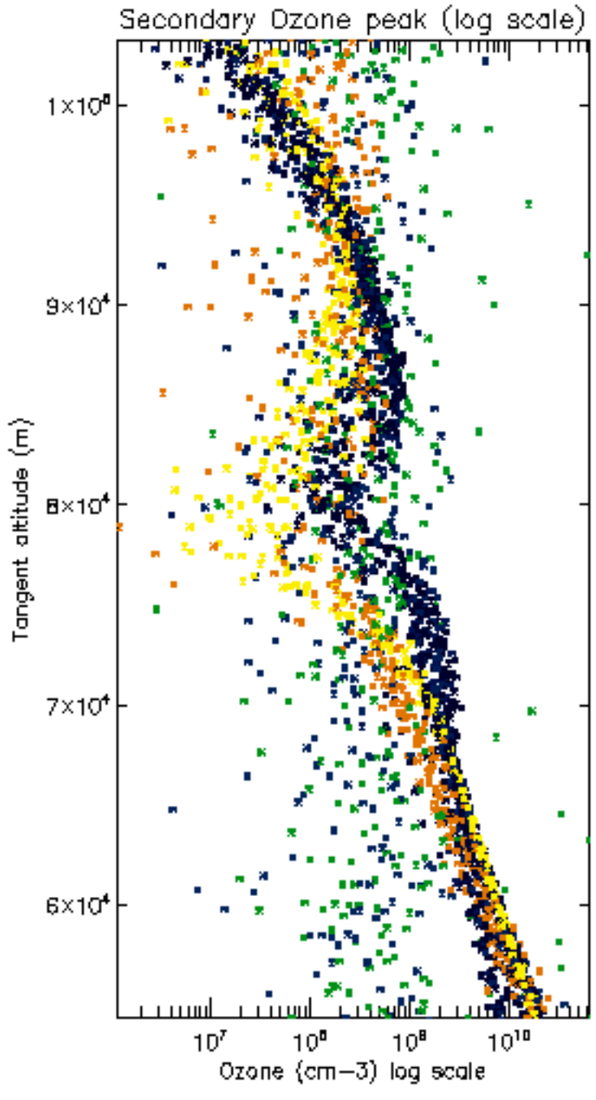

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

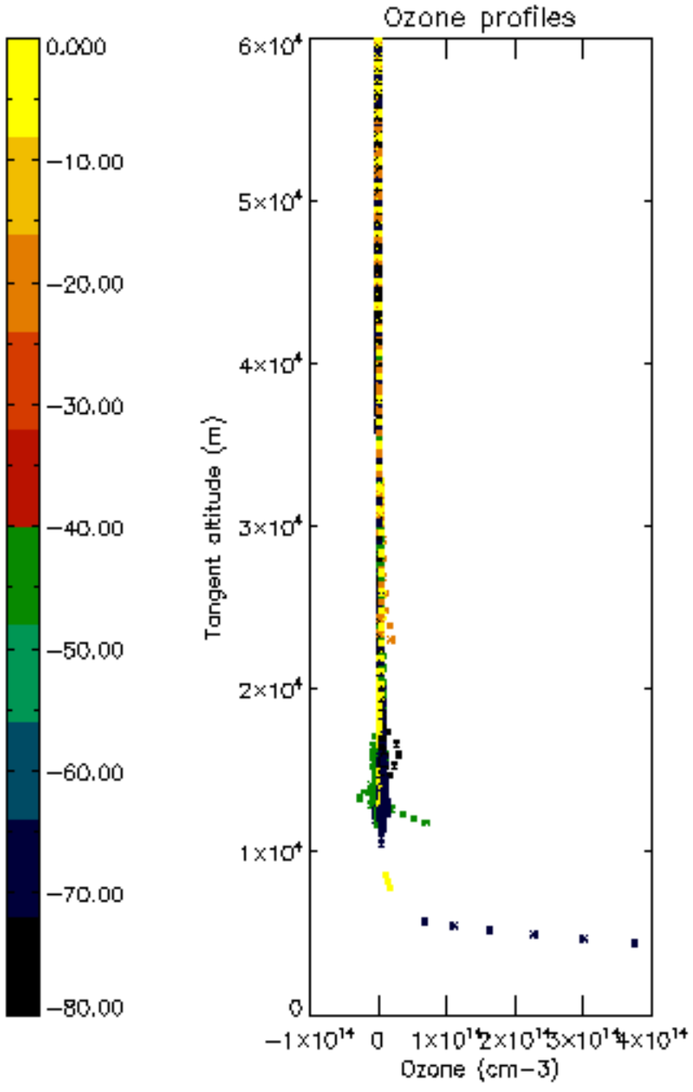

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

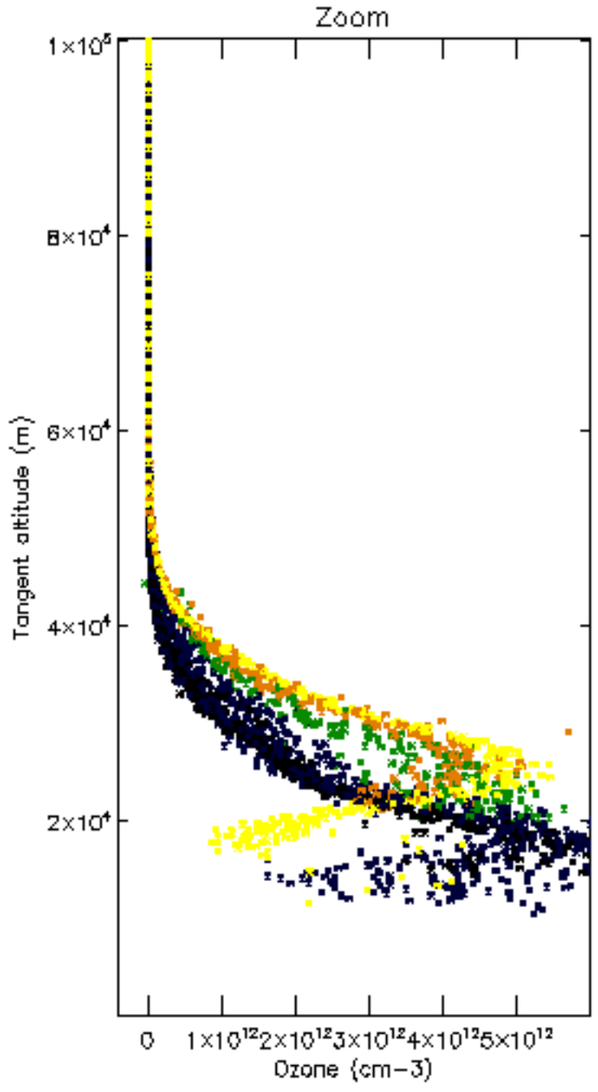

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

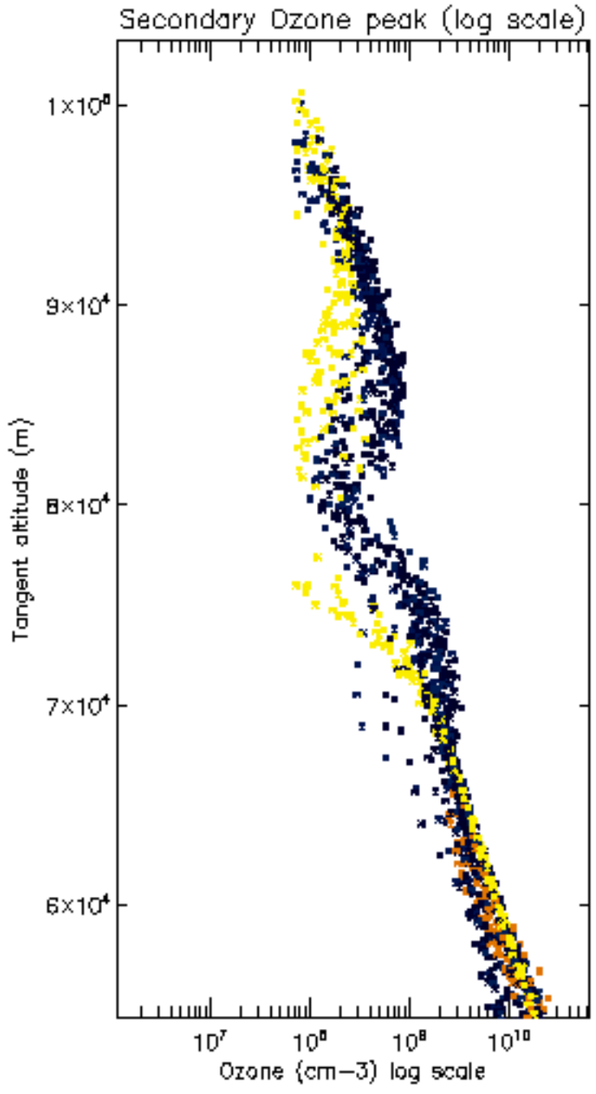

Ozone profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁴ 0 1×10¹⁴ 2×10¹⁴ 3×10¹⁴ 4×10¹⁴
Ozone (cm−3)

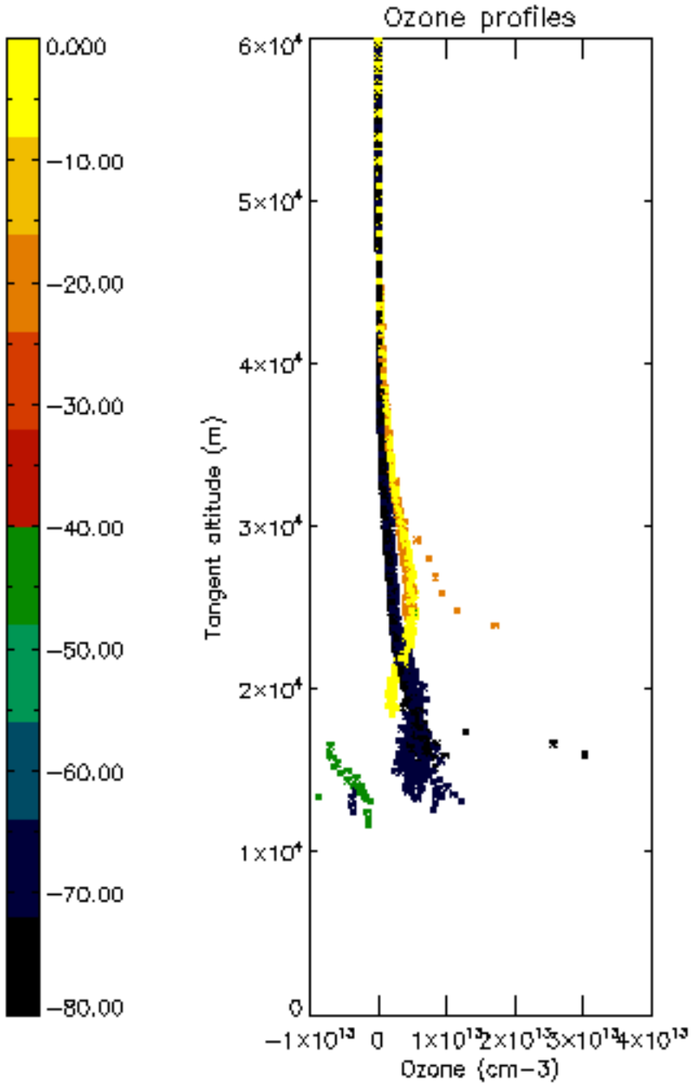

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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


Ozone profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁴ 0 1×10¹³2×10¹³3×10¹³4×10¹³
Ozone (cm−3)

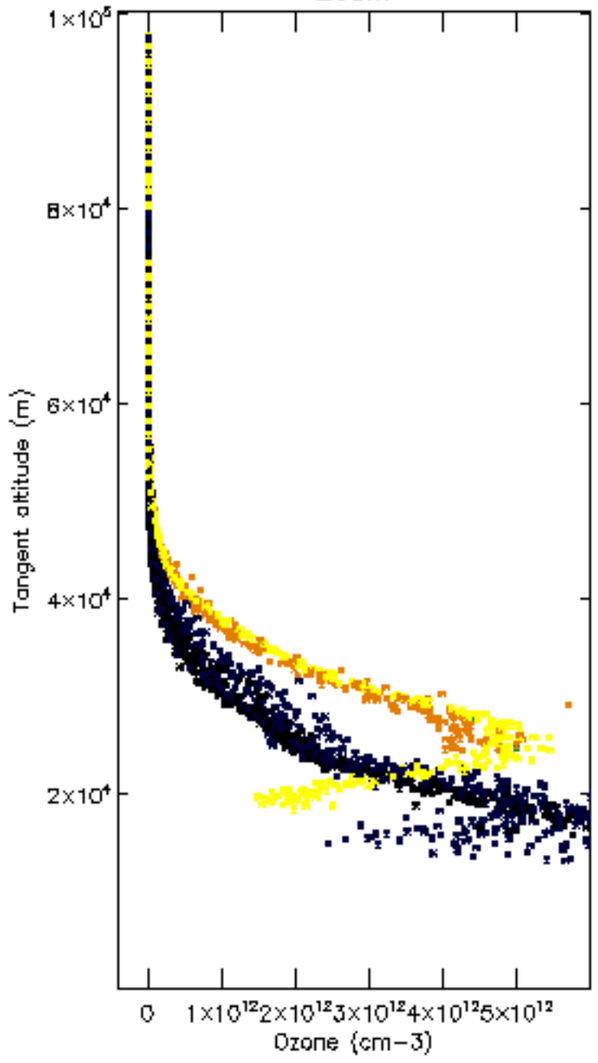

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹²2×10¹²3×10¹²4×10¹²5×10¹²
Ozone (cm−3)


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

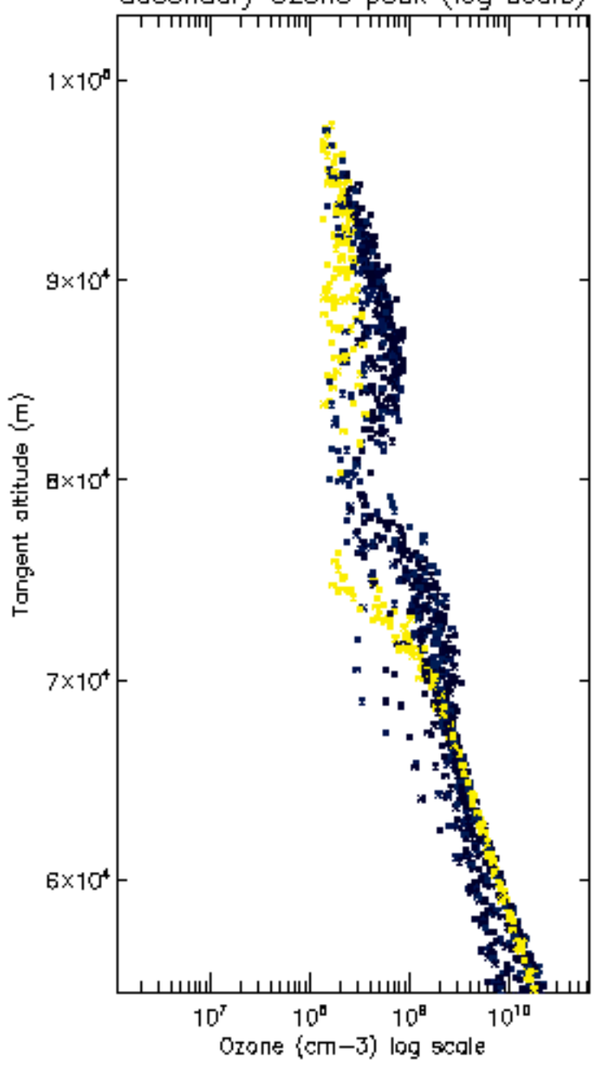


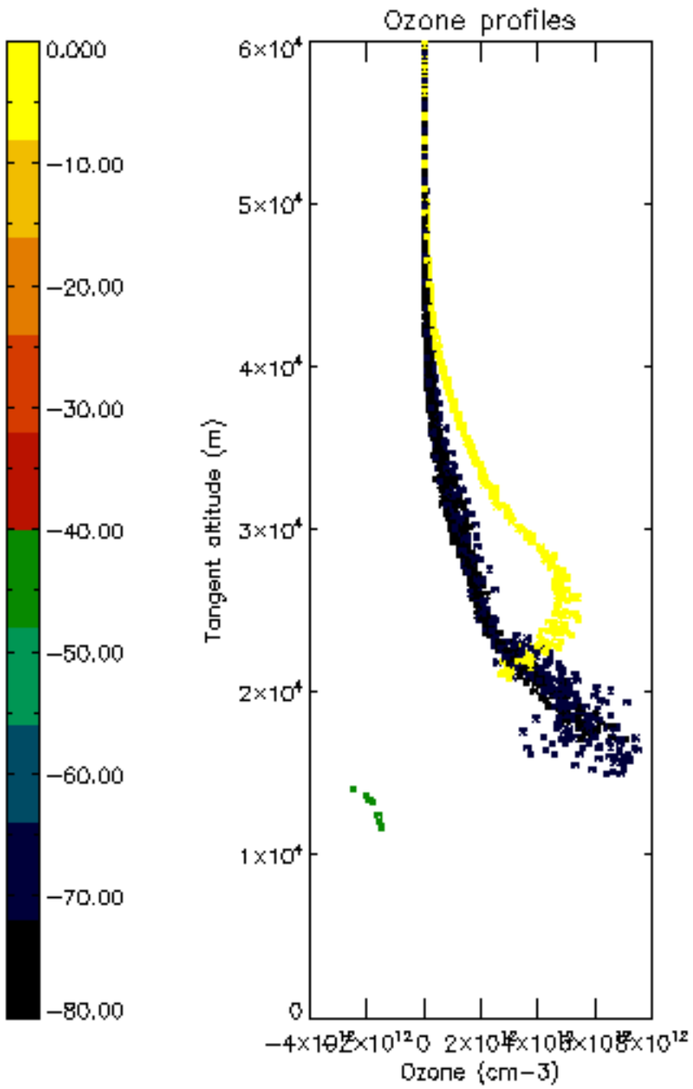
Ozone profiles

Zoom

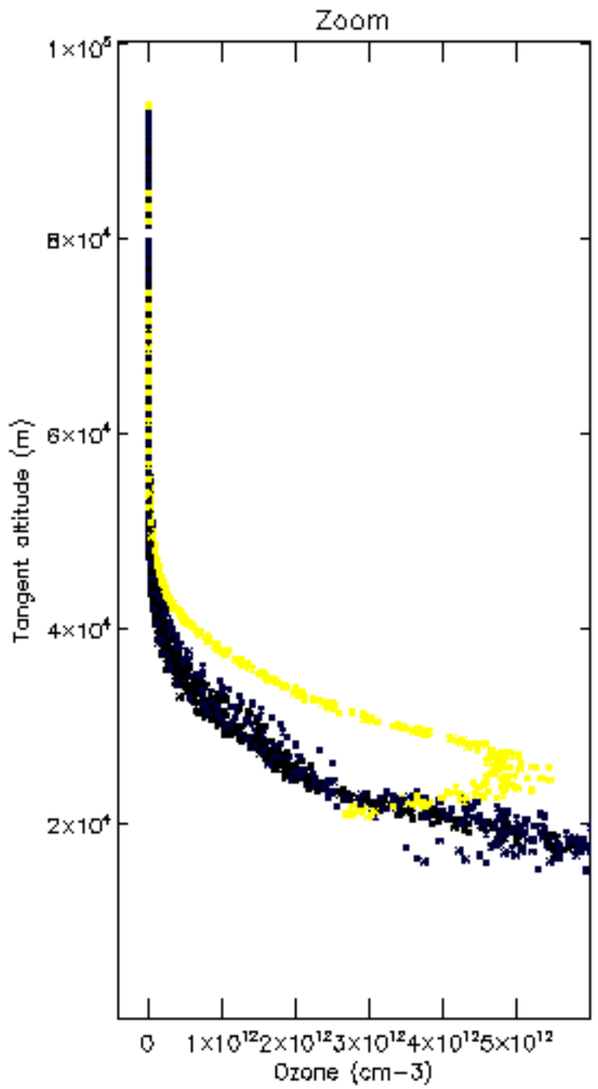


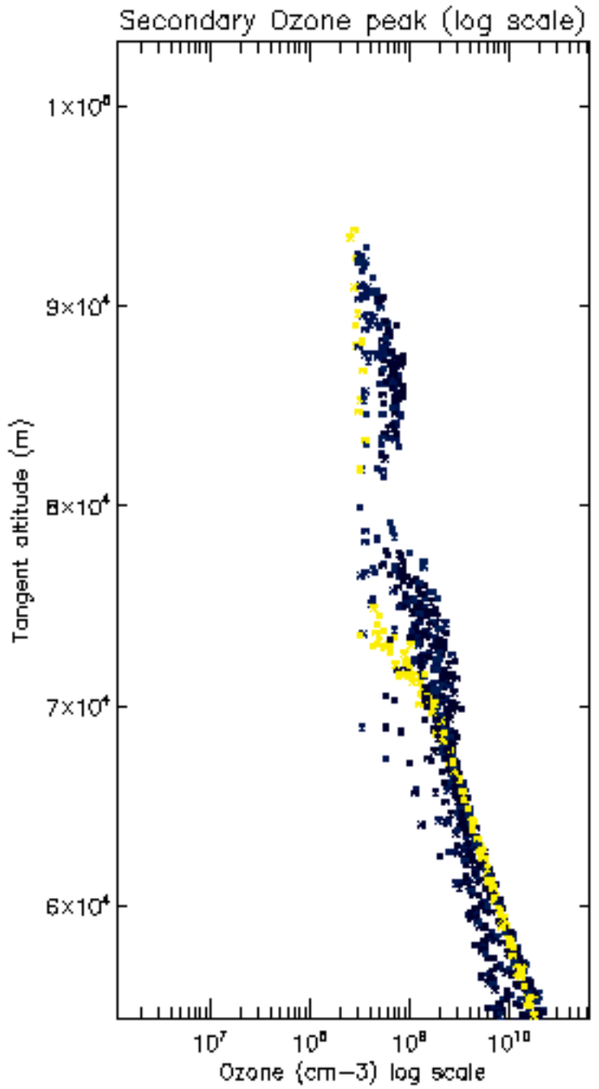
Secondary Ozone peak (log scale)

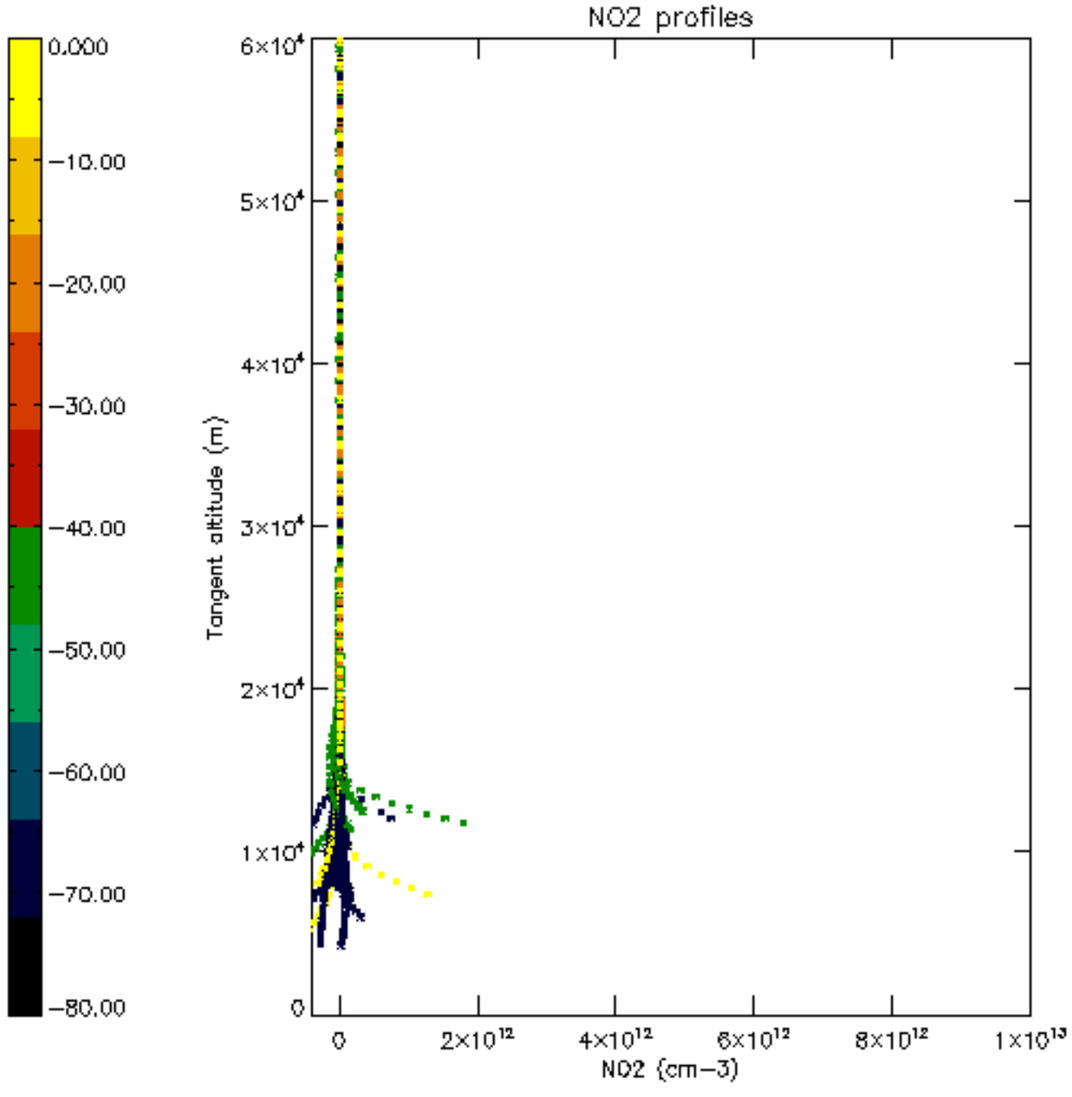


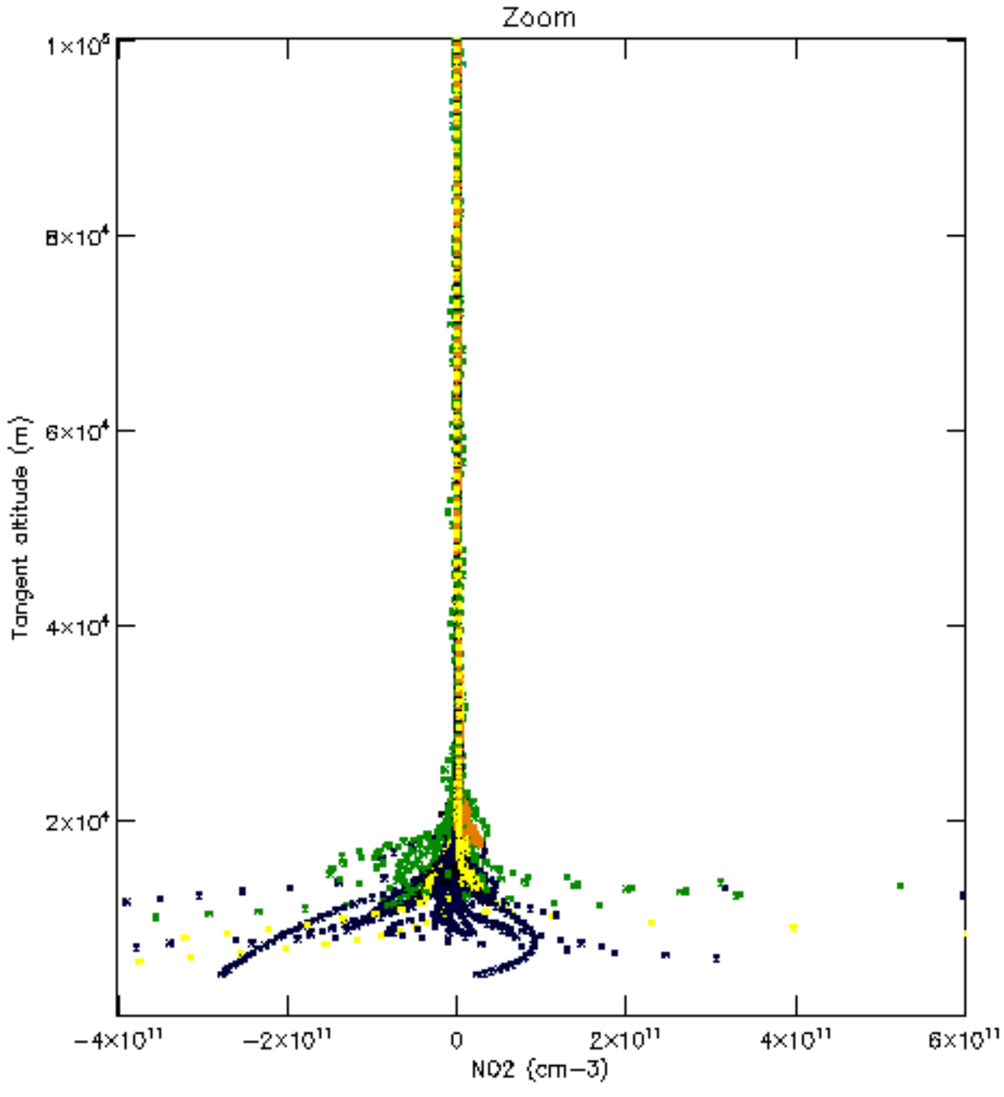

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00

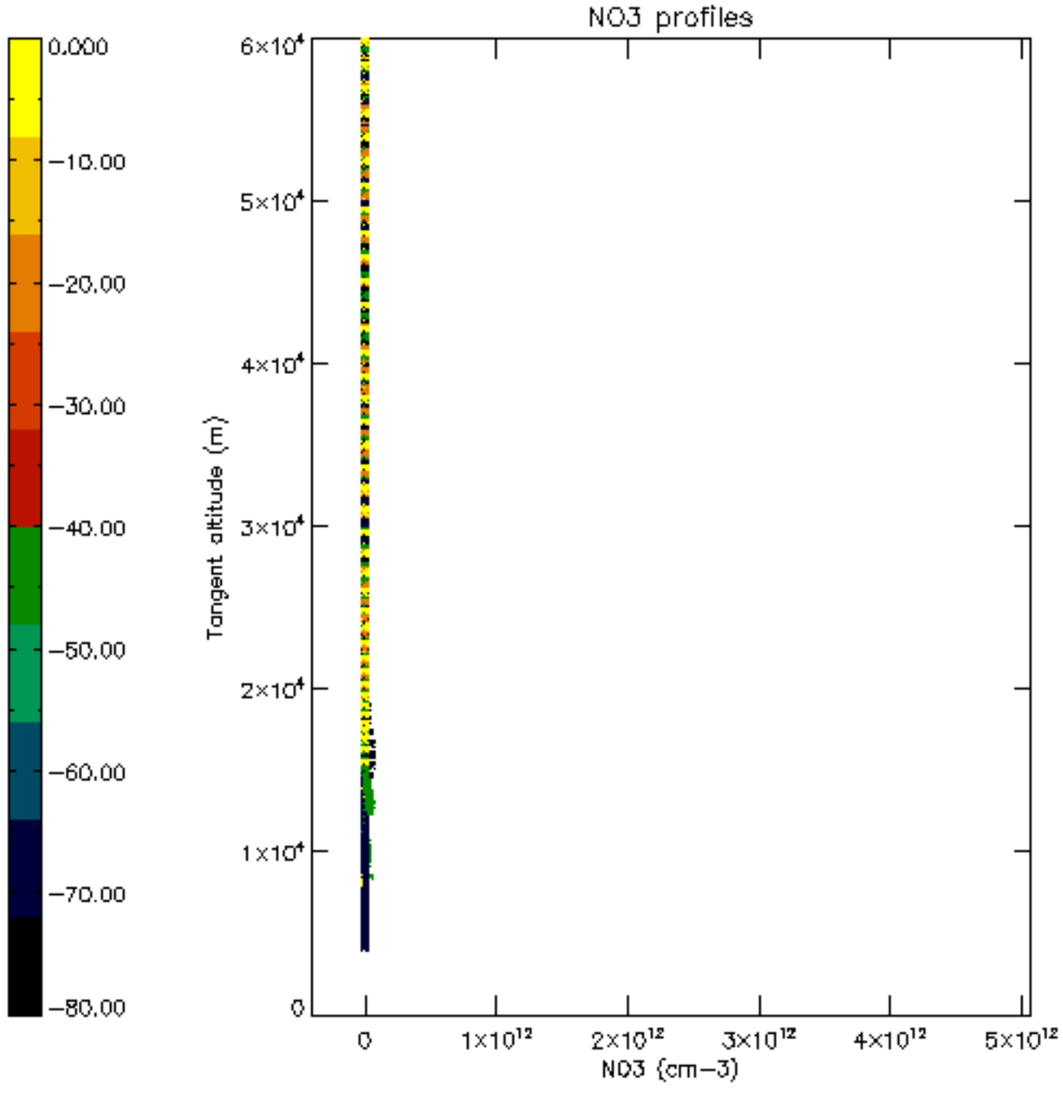
Ozone profiles
Tangent altitude (m)
Ozone (cm−3)

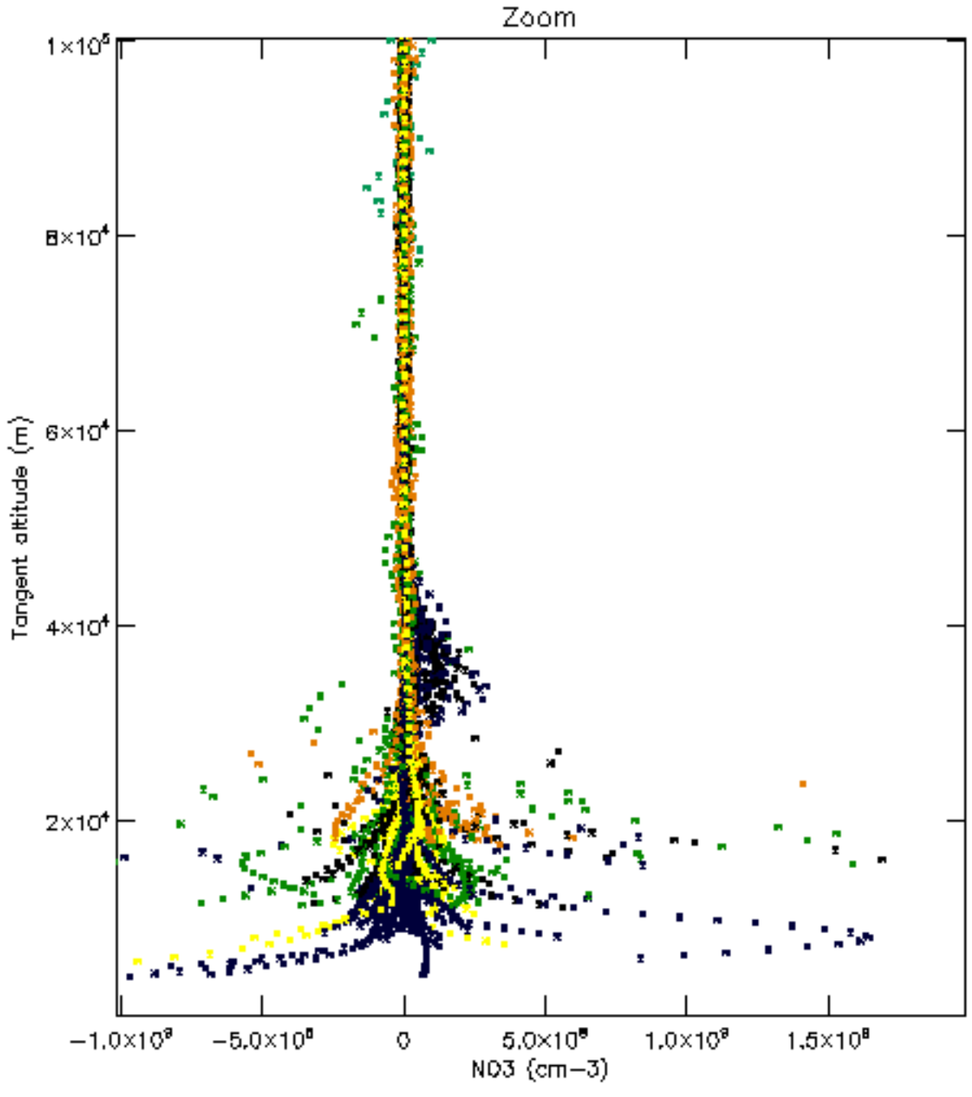

Zoom
Tangent altitude (m)
Ozone (cm−3)

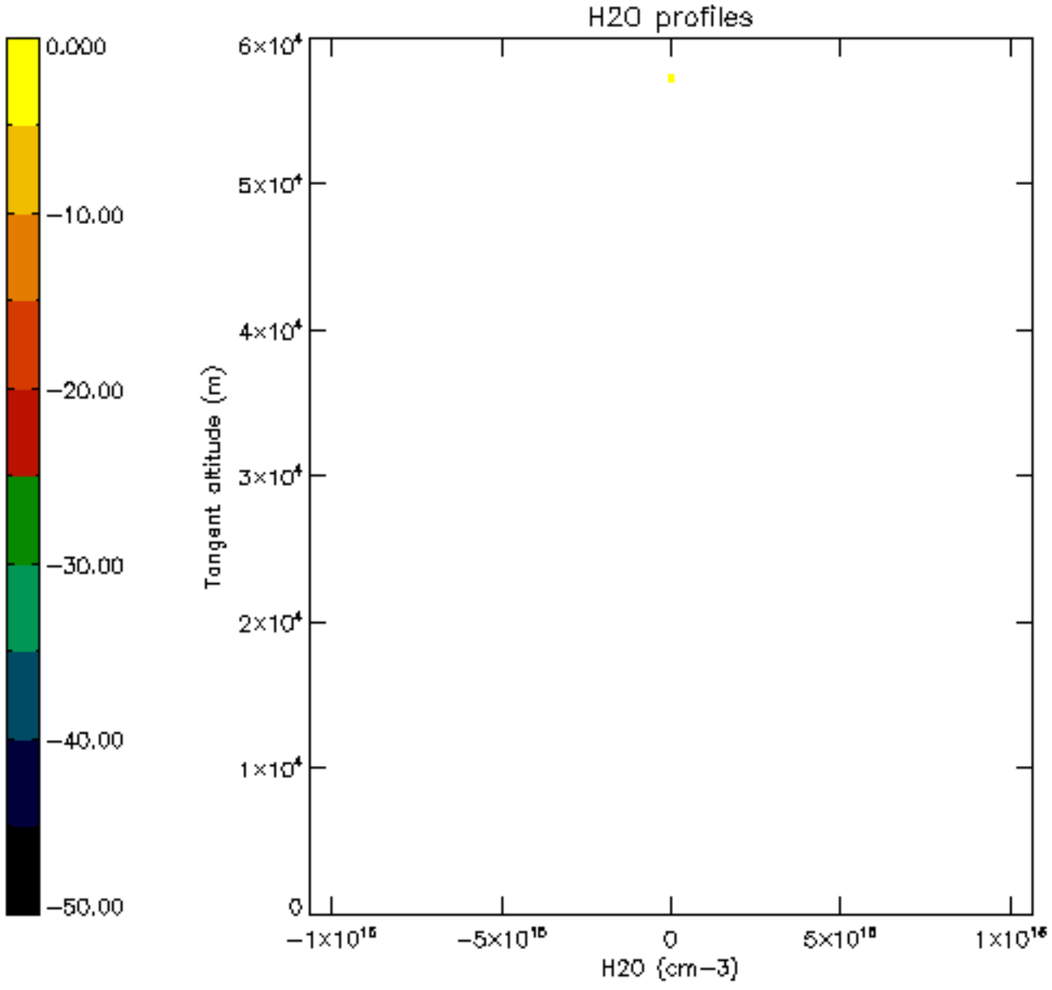

Secondary Ozone peak (log scale)
Tangent altitude (m)
Ozone (cm−3) log scale

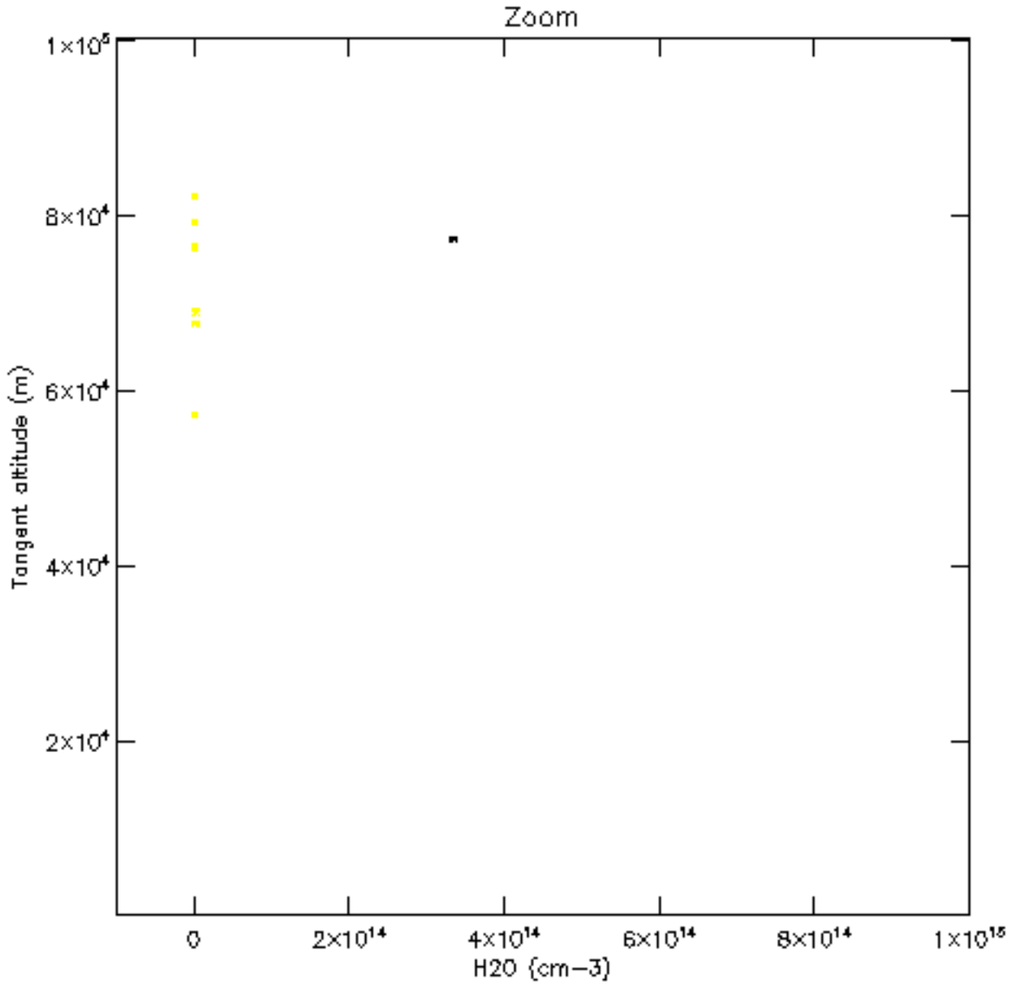

NO2 profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

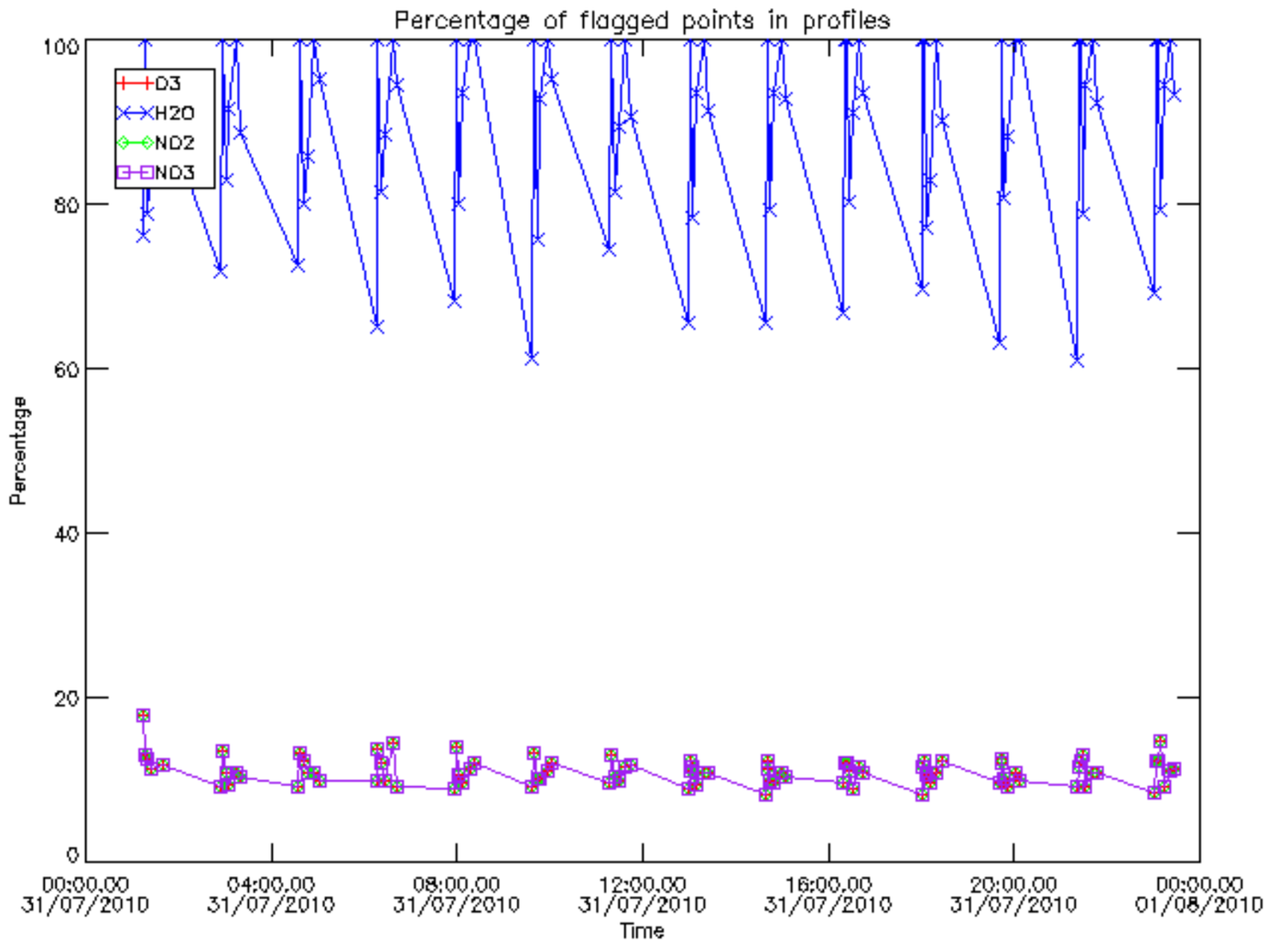

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)

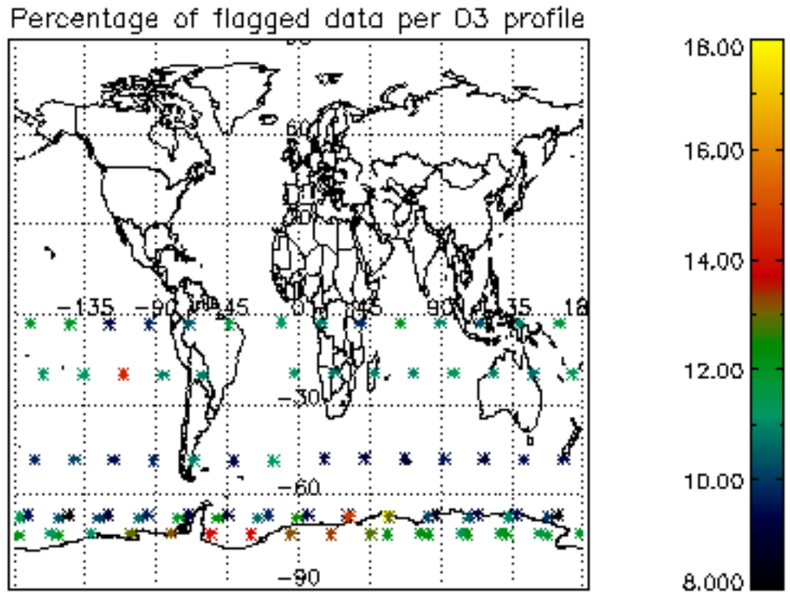

NO3 profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)

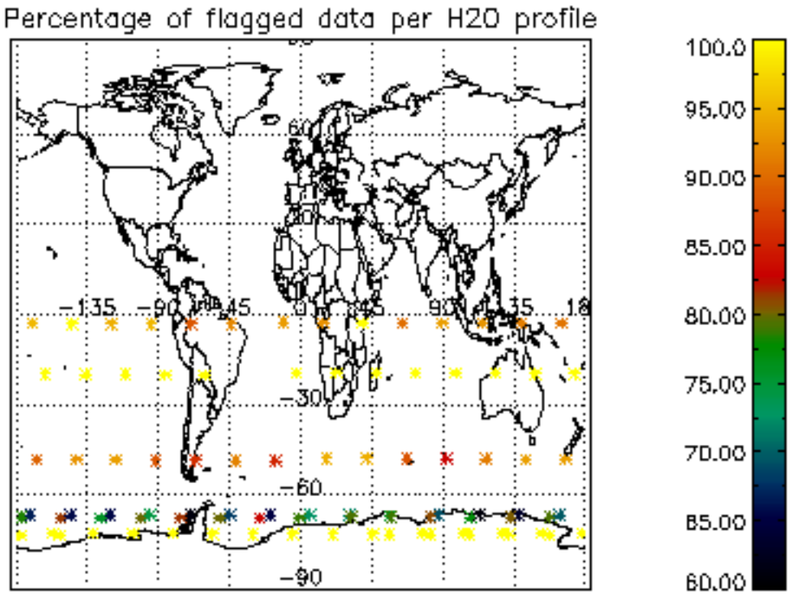

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)

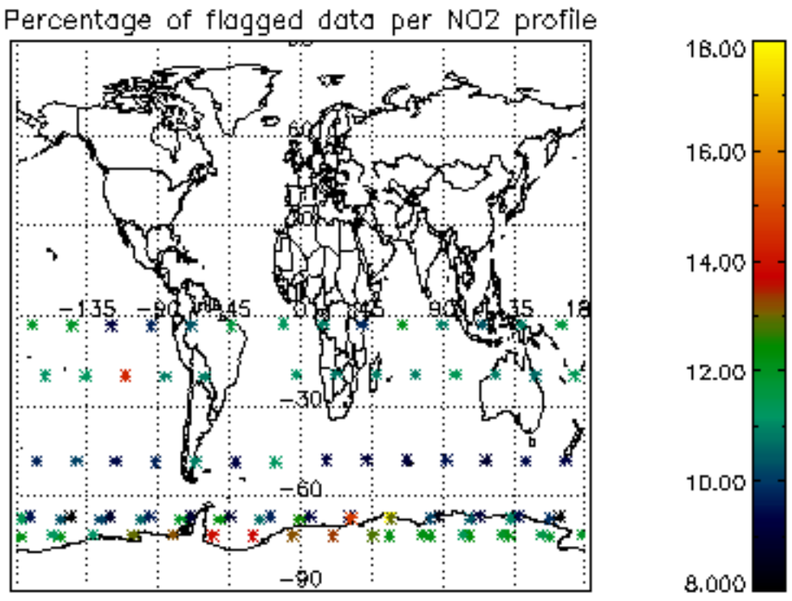

H2O profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁶
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)

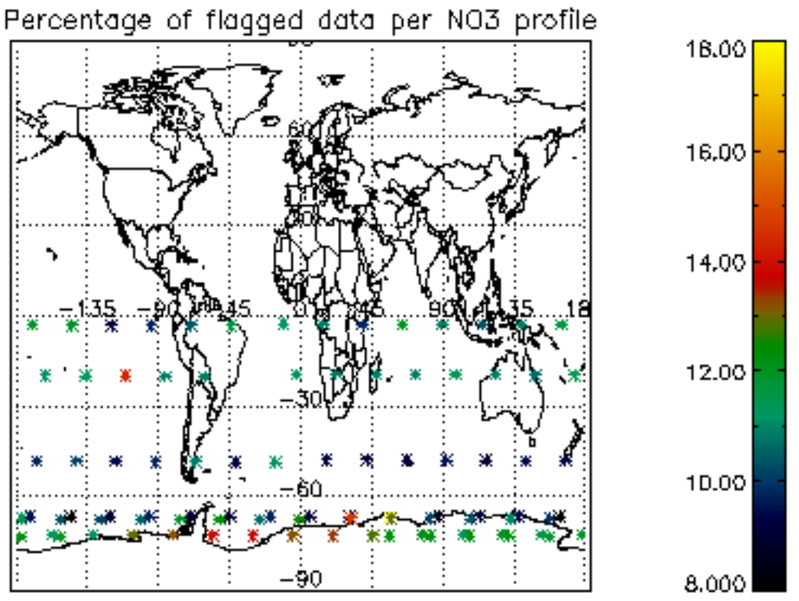

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)

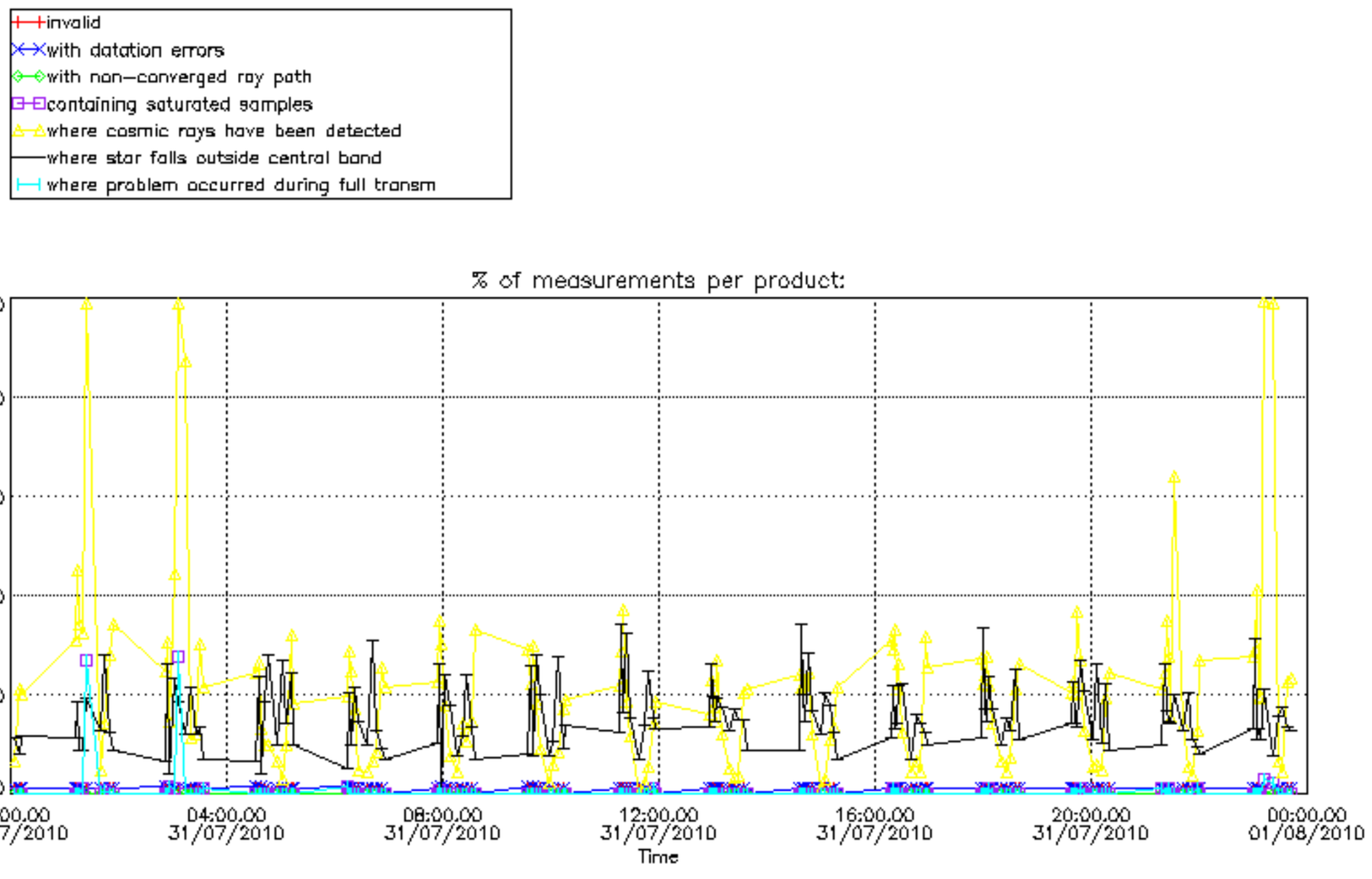

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
31/07/2010
04:00.00
31/07/2010
08:00.00
31/07/2010
12:00.00
31/07/2010
16:00.00
31/07/2010
20:00.00
31/07/2010
00:00.00
01/08/2010
Time

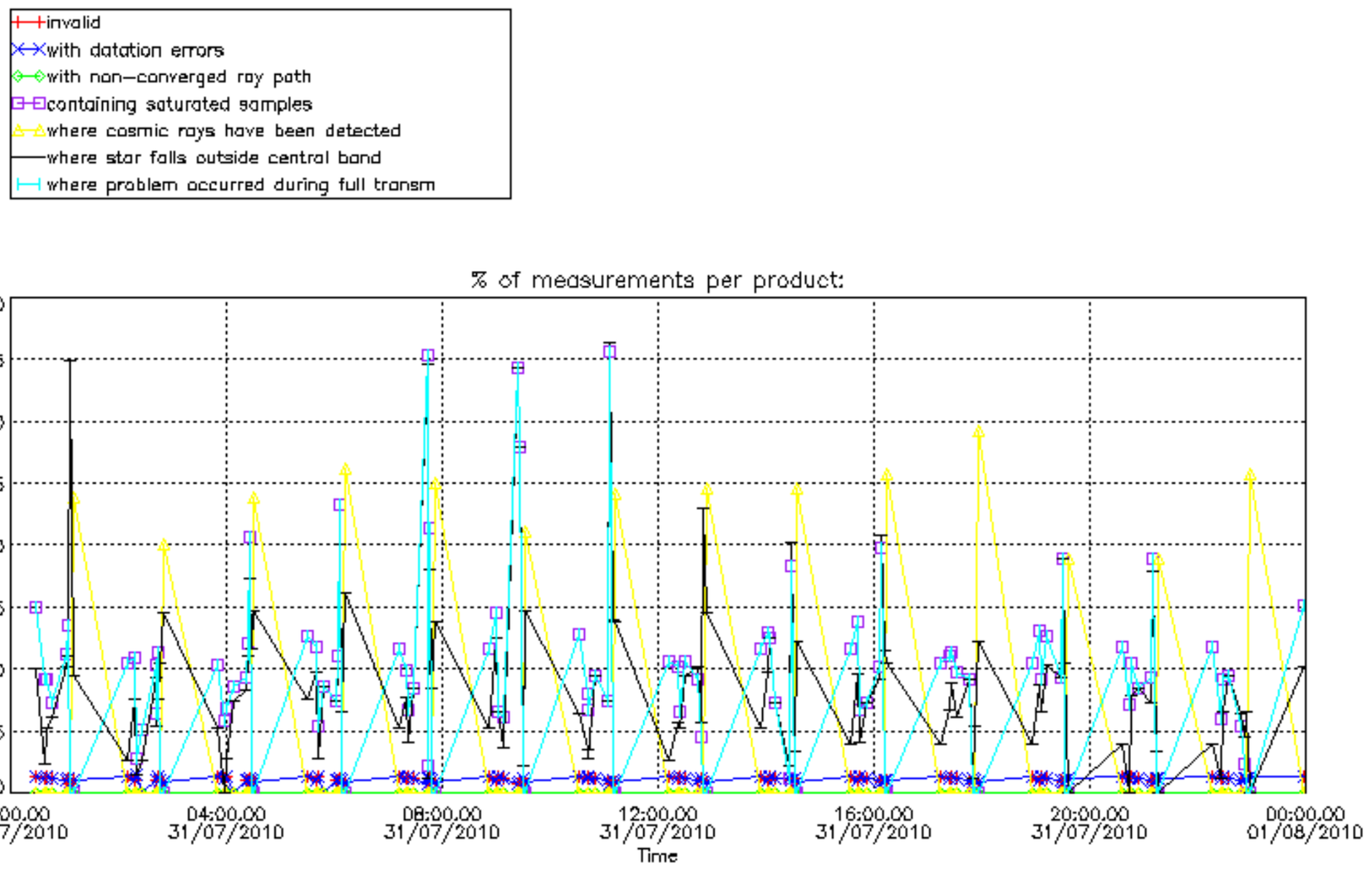

Percentage of flagged data per O3 profile
18.00
16.00
14.00
12.00
10.00
8.000
60
-30
-60
-90
-135
-90
45
90
135
18

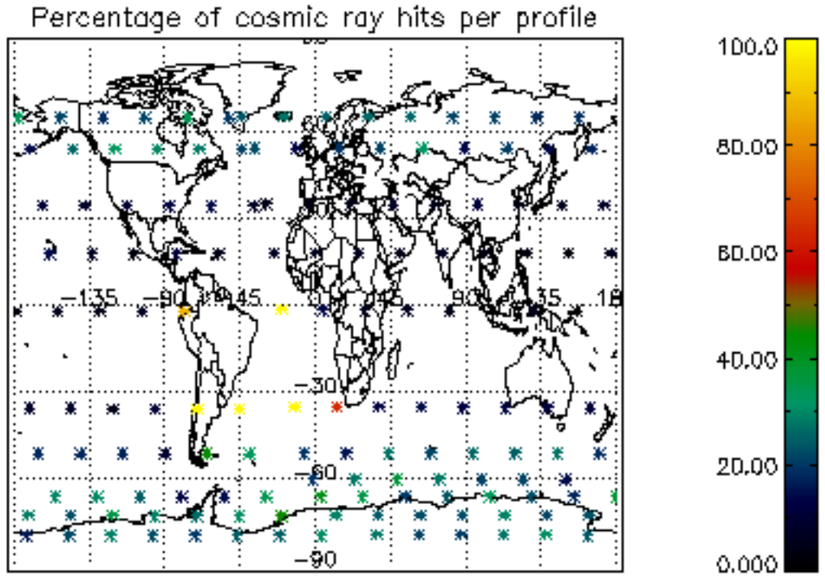

Percentage of flagged data per H2O profile
100.0
95.00
90.00
85.00
80.00
75.00
70.00
65.00
60.00
60
-30
-60
-90
-135
-90
45
90
135
18

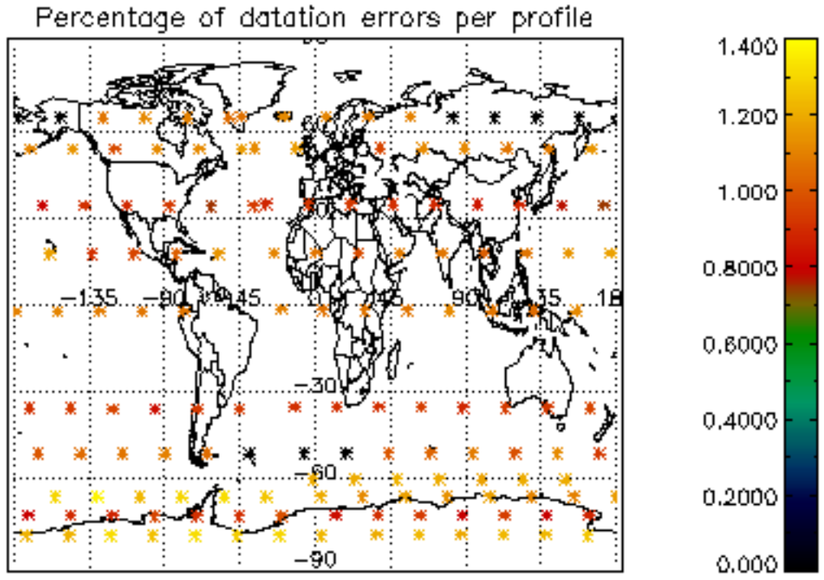

Percentage of flagged data per NO2 profile
18.00
16.00
14.00
12.00
10.00
8.000
60
-30
-60
-90
-135
-90
45
90
135
18

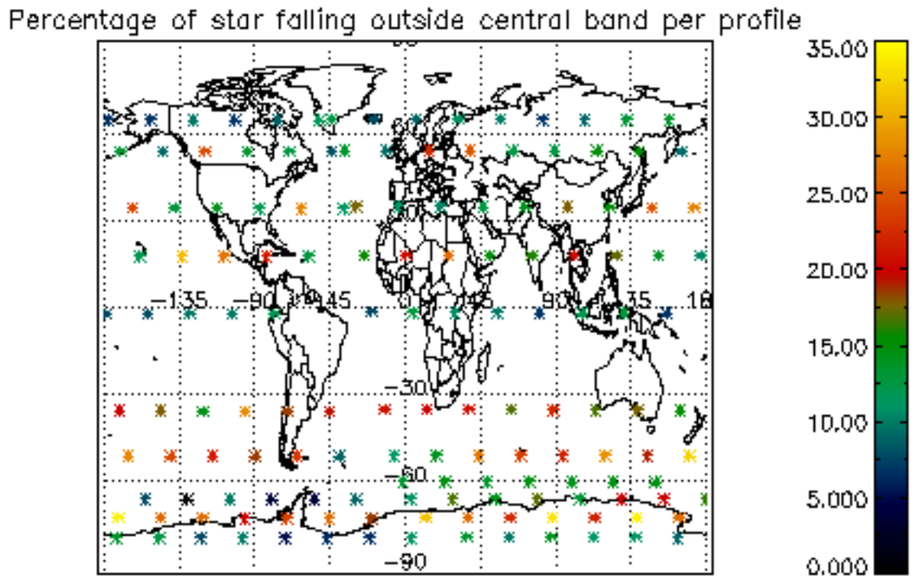

Percentage of flagged data per NO3 profile
18.00
16.00
14.00
12.00
10.00
8.000
60
-30
-60
-90
-135
-90
45
90
135
18

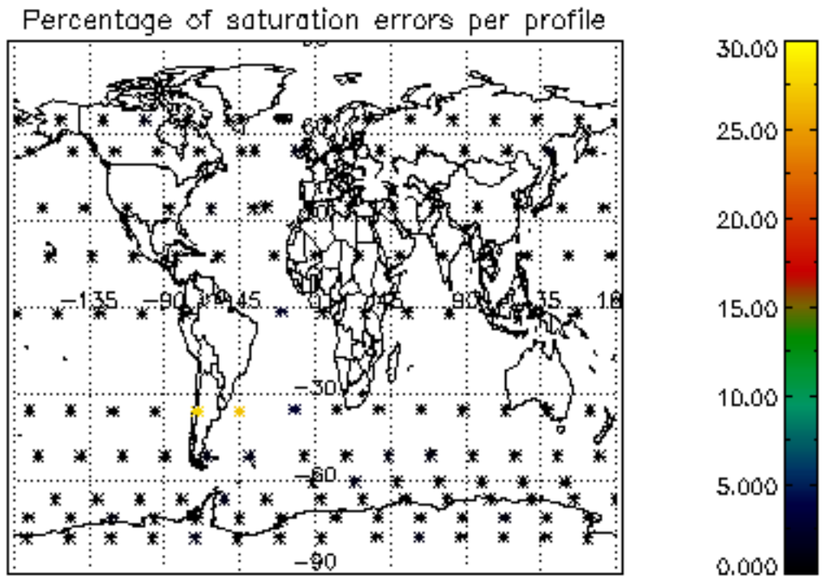

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
31/07/2010
04:00.00
31/07/2010
08:00.00
31/07/2010
12:00.00
31/07/2010
16:00.00
31/07/2010
20:00.00
31/07/2010
00:00.00
01/08/2010
Time

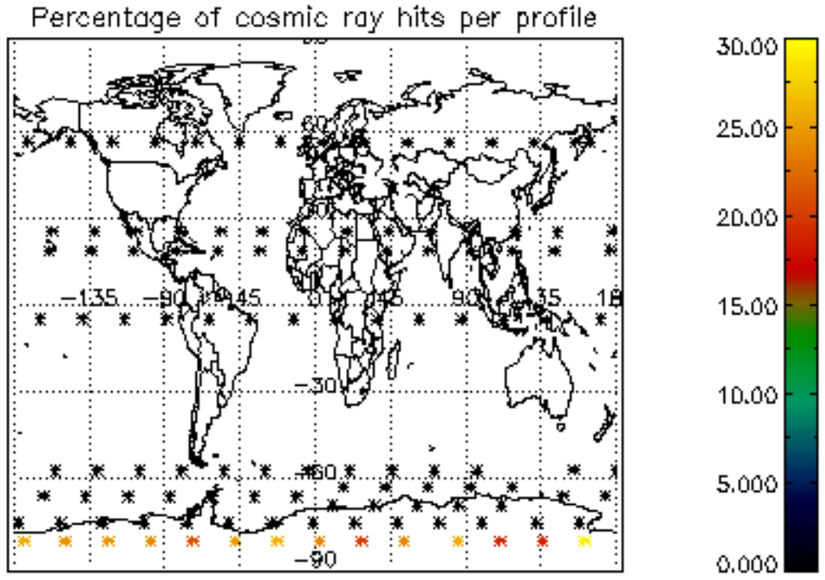

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
35
40
00:00.00
31/07/2010
04:00.00
31/07/2010
08:00.00
31/07/2010
12:00.00
31/07/2010
16:00.00
31/07/2010
20:00.00
31/07/2010
00:00.00
01/08/2010
Time

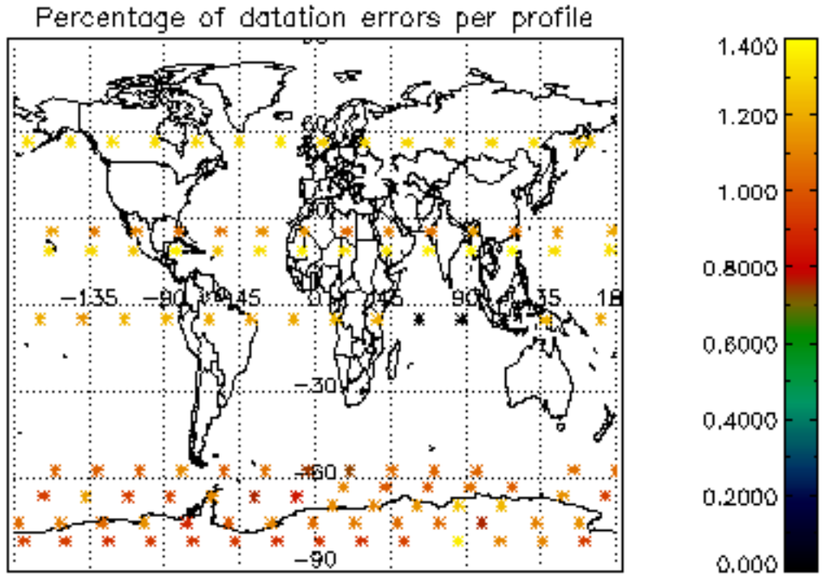

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

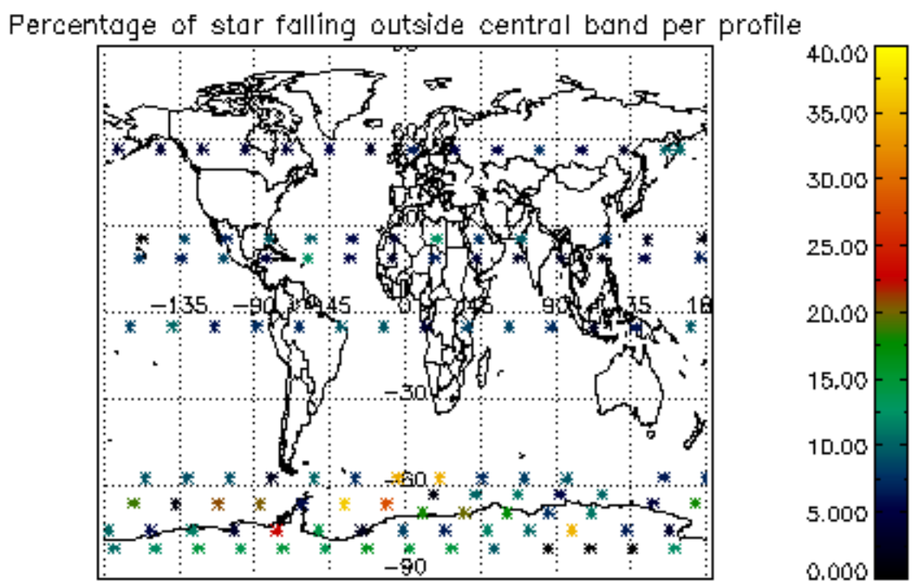

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

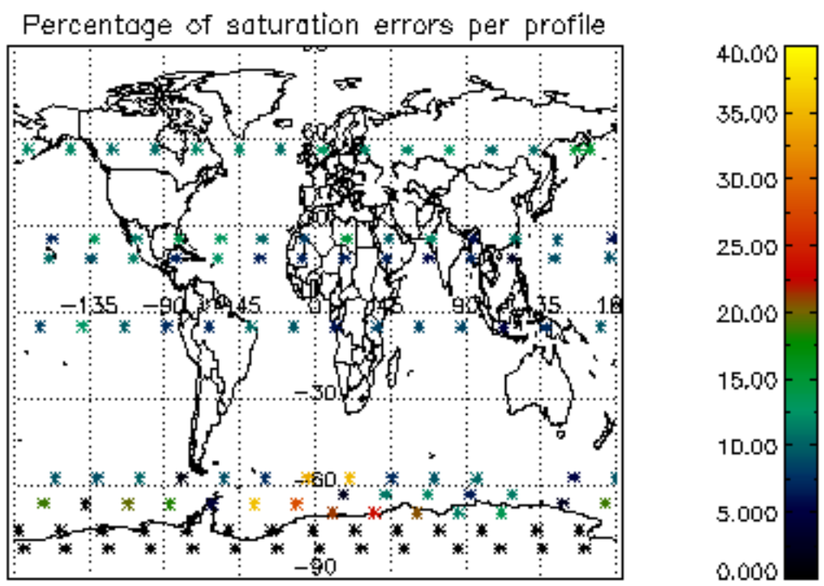

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

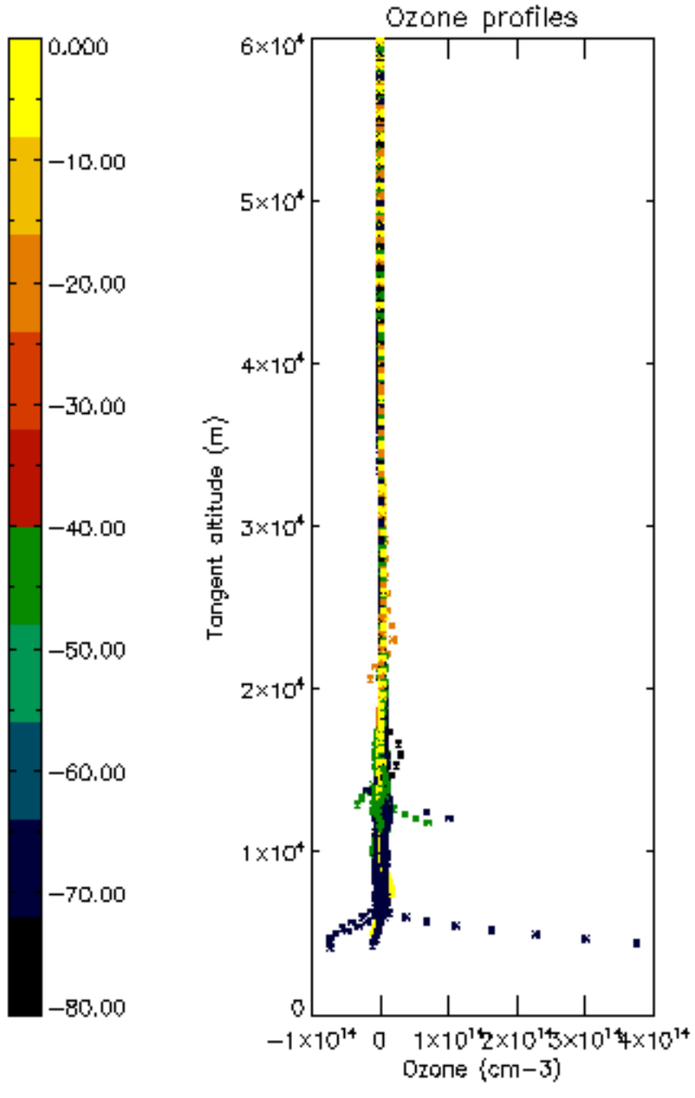

Percentage of saturation errors per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

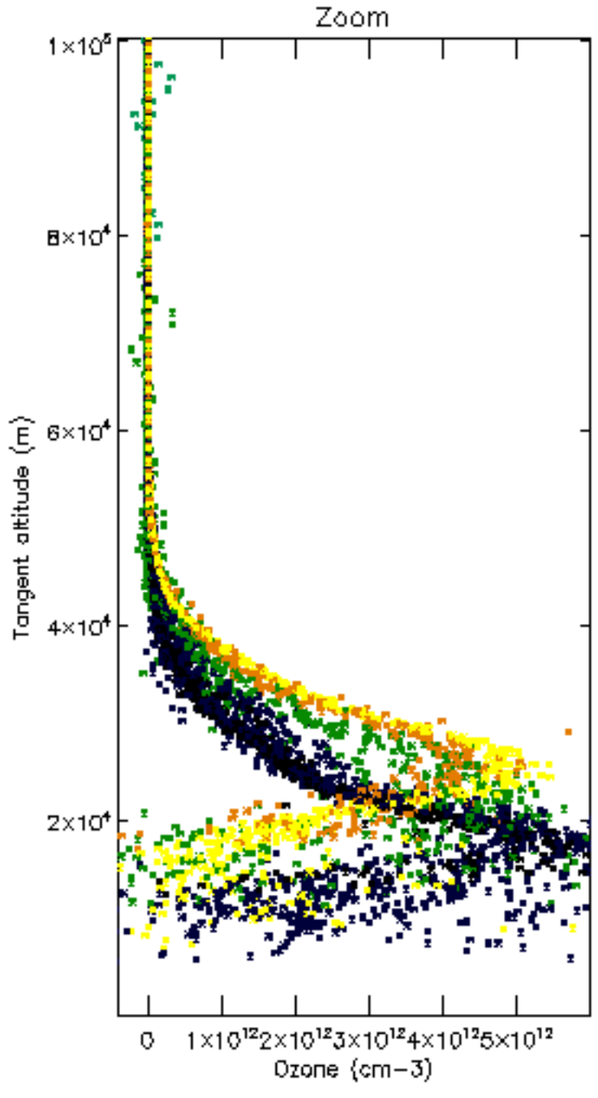

Percentage of cosmic ray hits per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

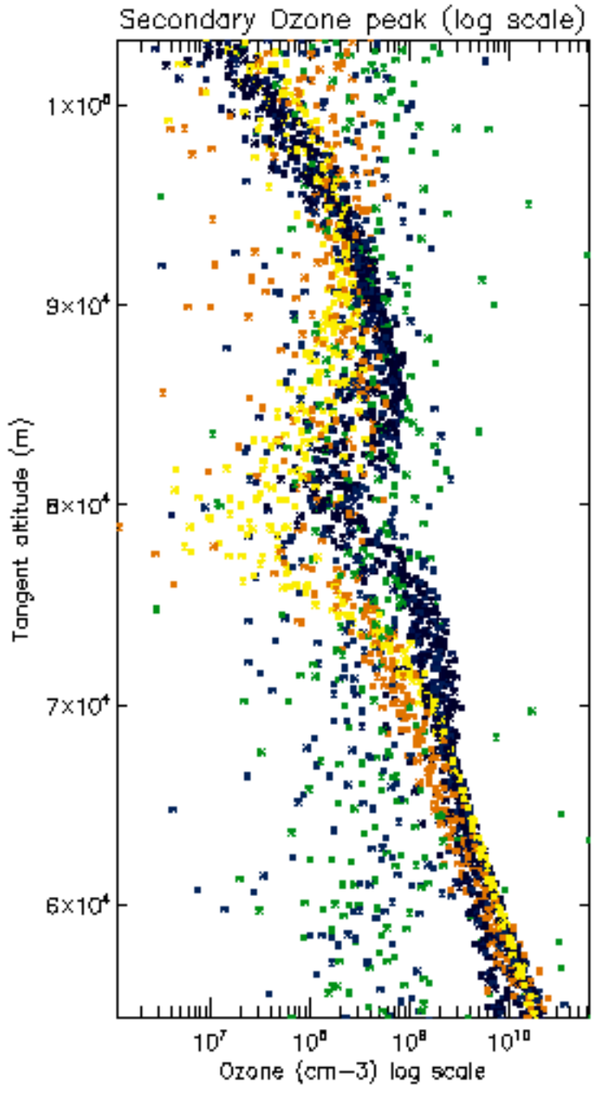

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

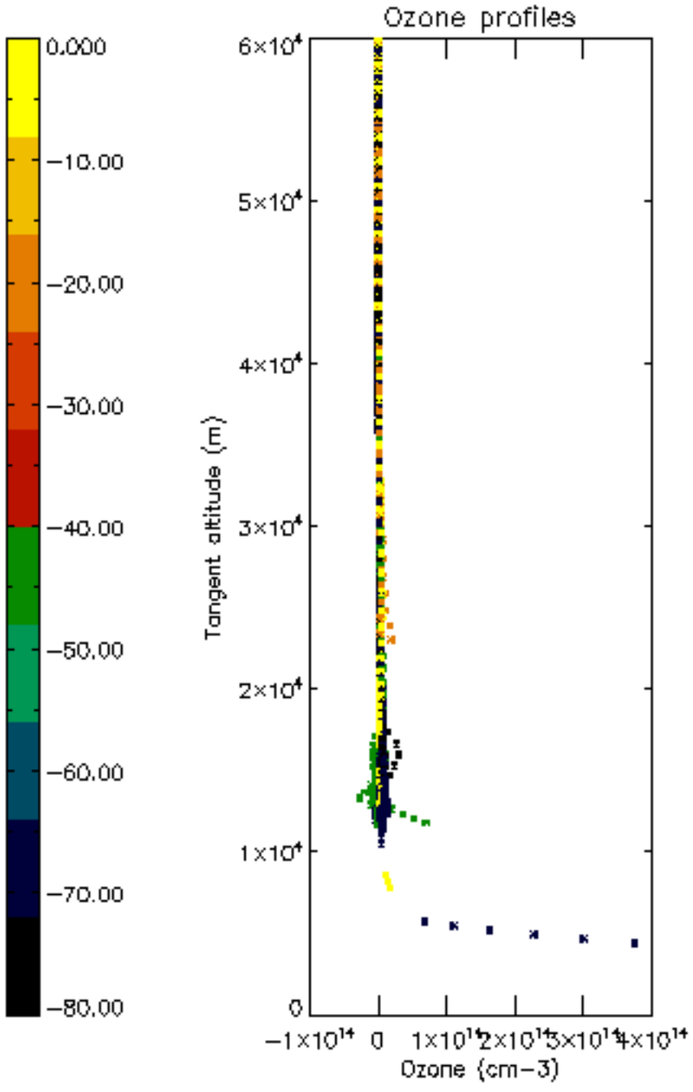

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

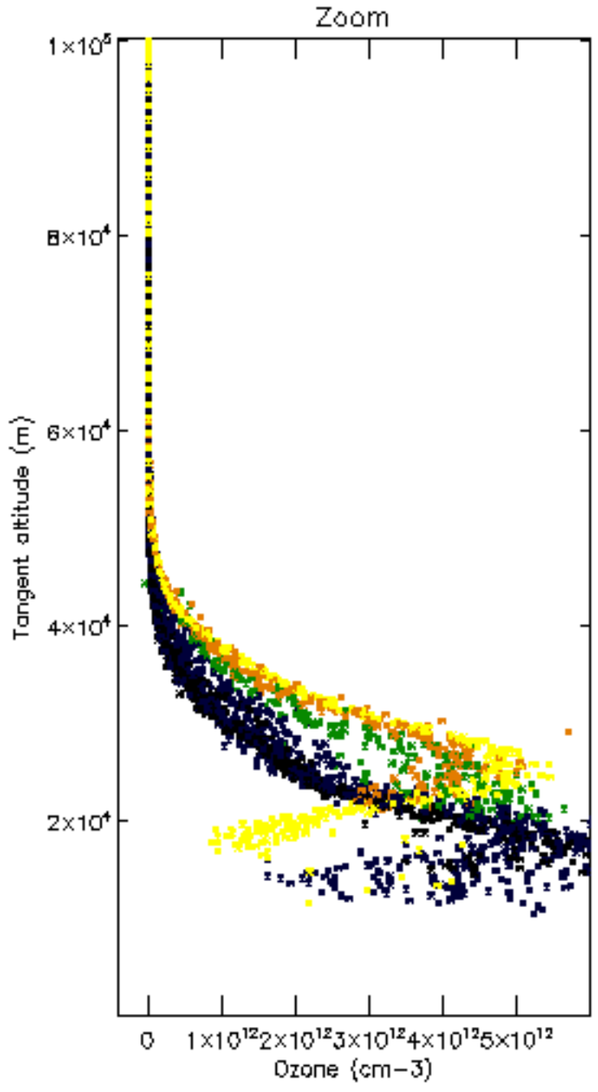

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

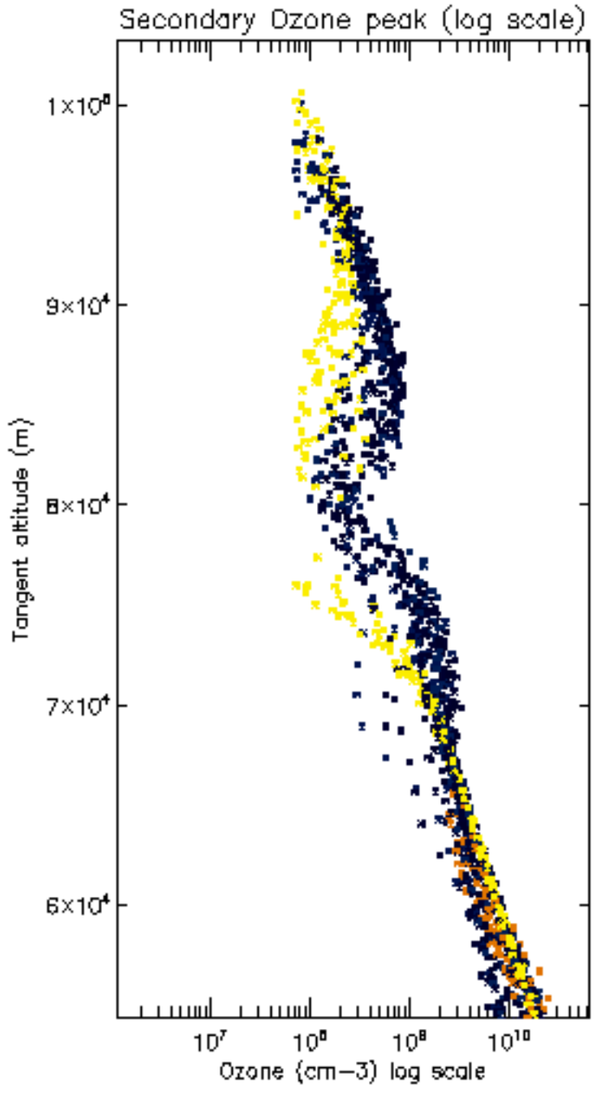

Ozone profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁴ 0 1×10¹⁴ 2×10¹⁴ 3×10¹⁴ 4×10¹⁴
Ozone (cm−3)

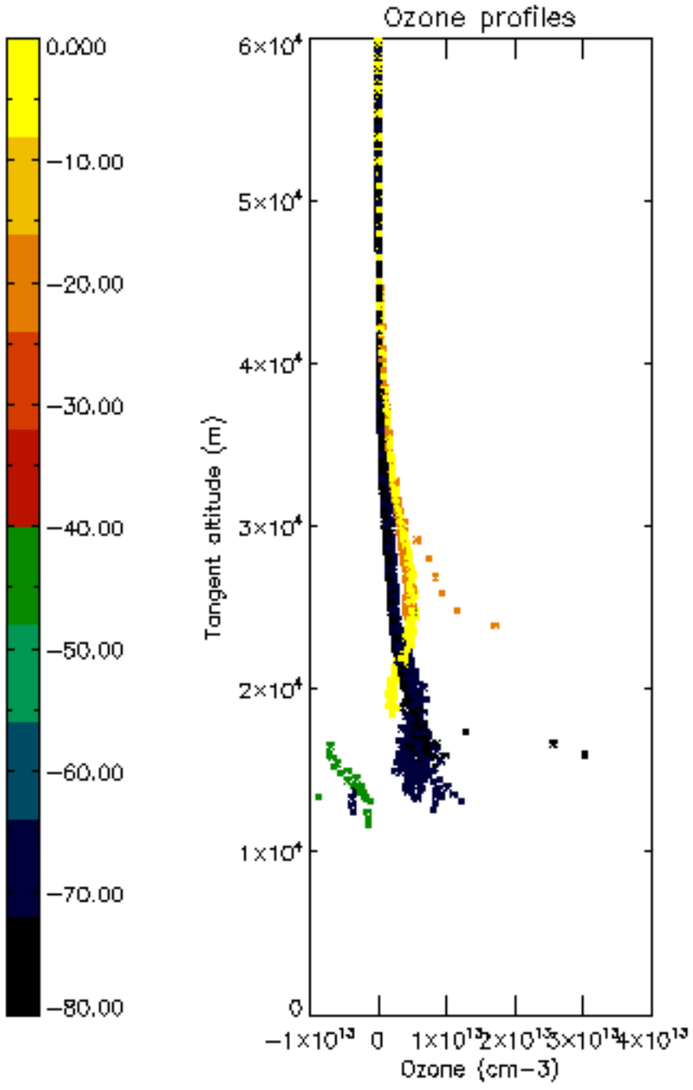

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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


Ozone profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁴ 0 1×10¹³2×10¹³3×10¹³4×10¹³
Ozone (cm−3)

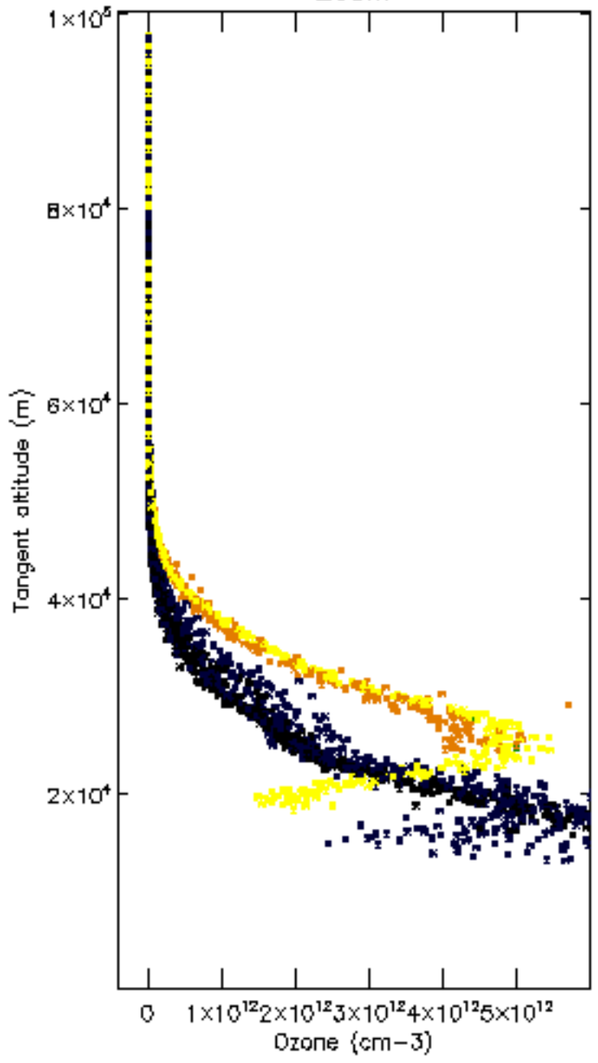

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹²2×10¹²3×10¹²4×10¹²5×10¹²
Ozone (cm−3)


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

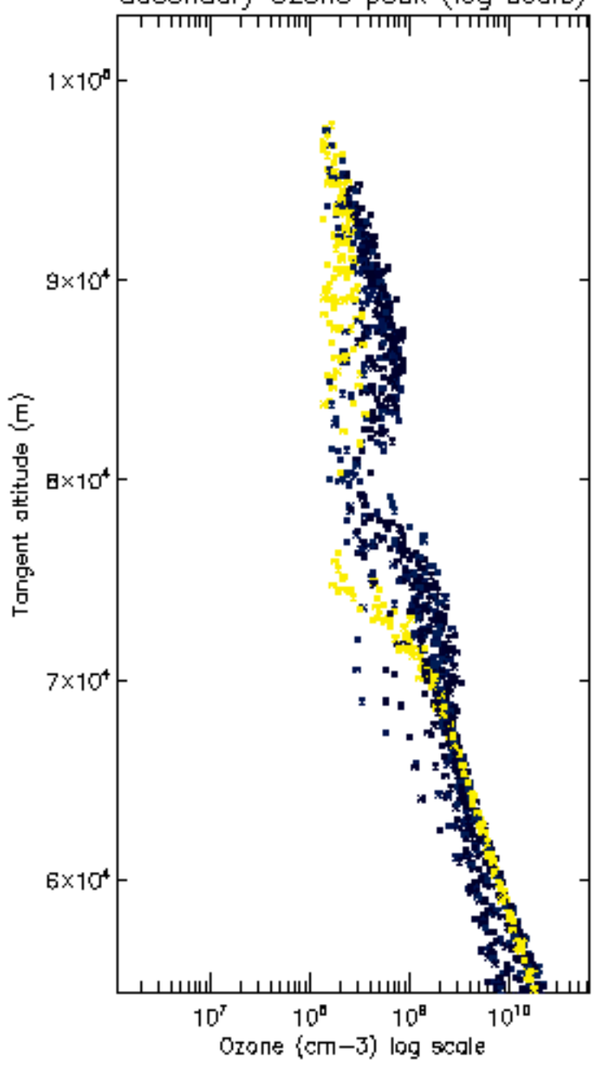


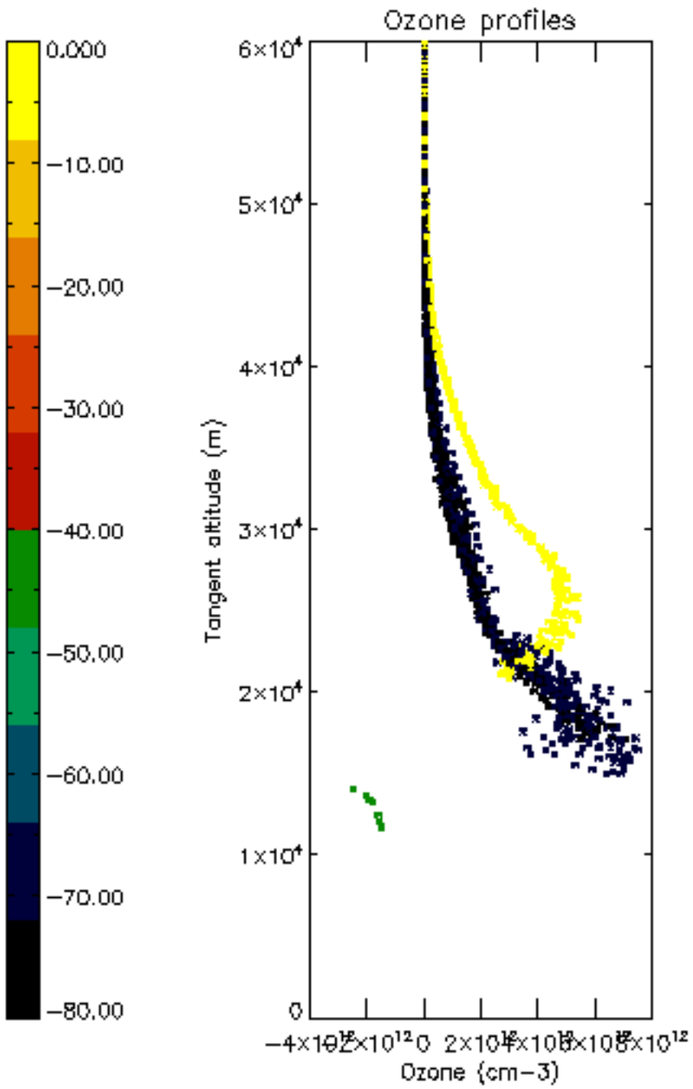
Ozone profiles

Zoom

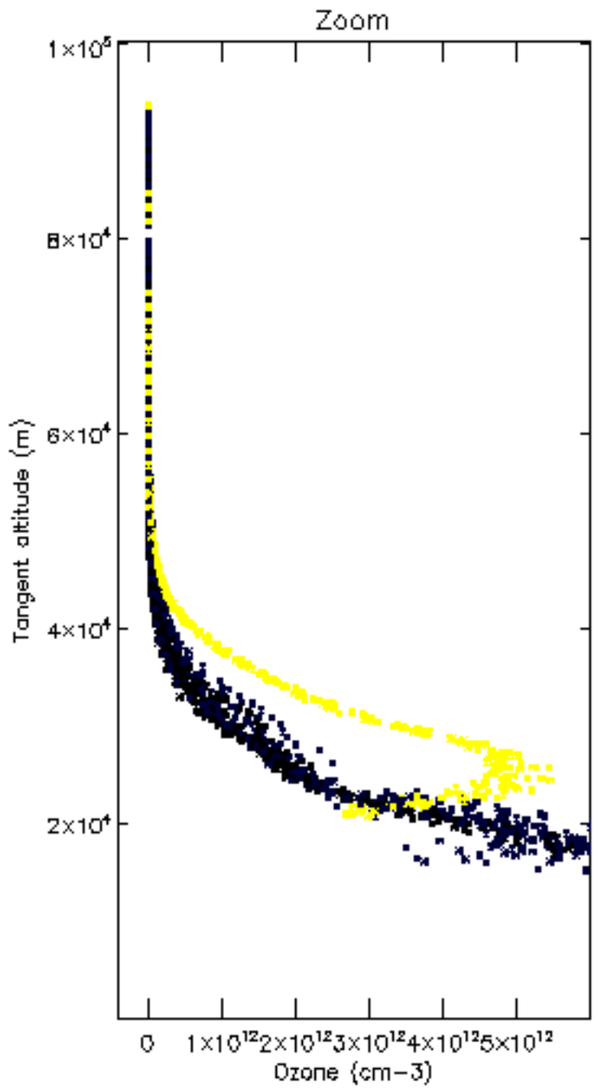


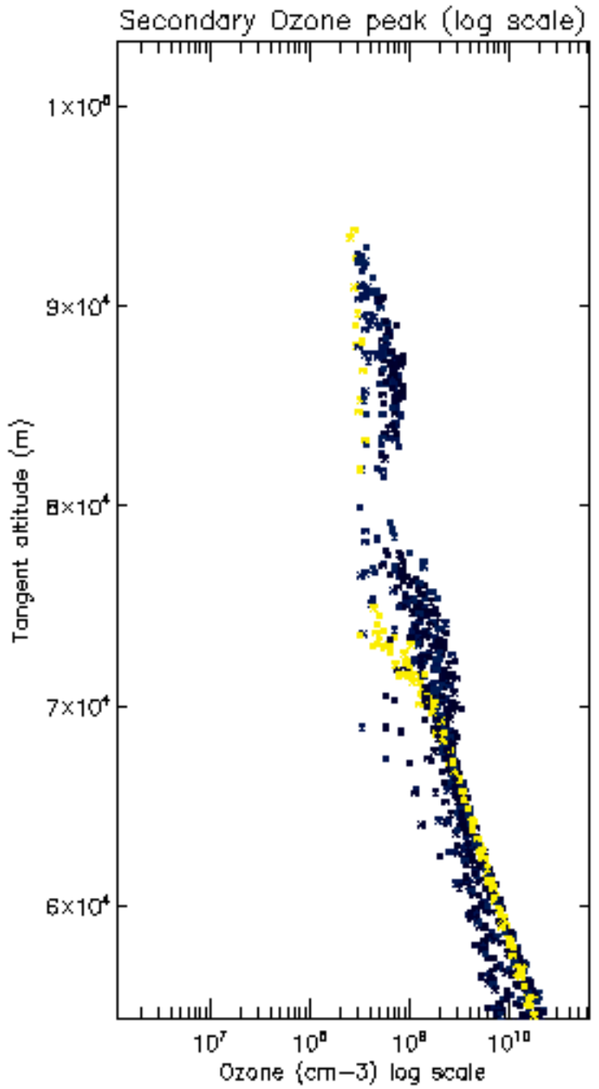
Secondary Ozone peak (log scale)

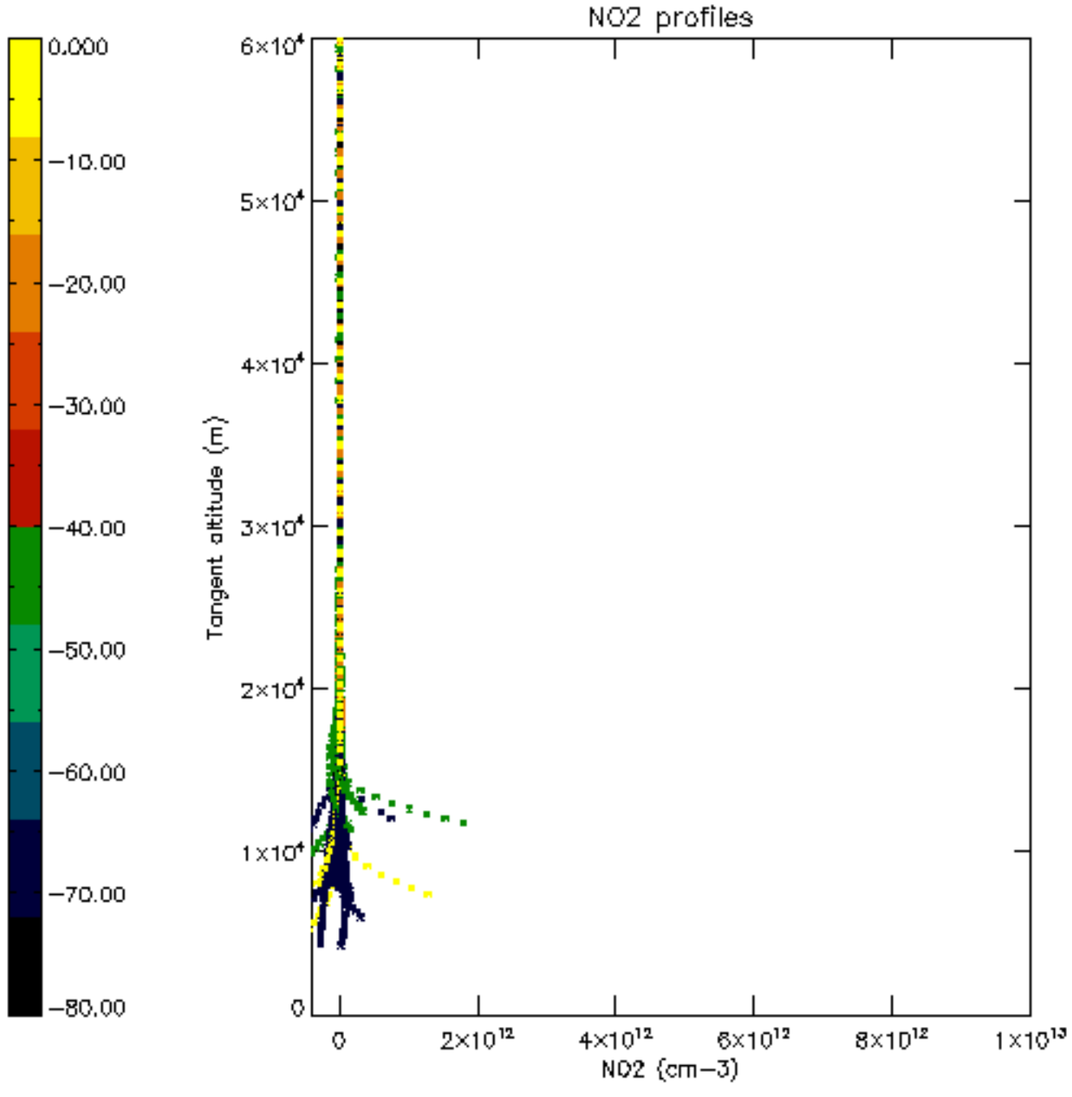


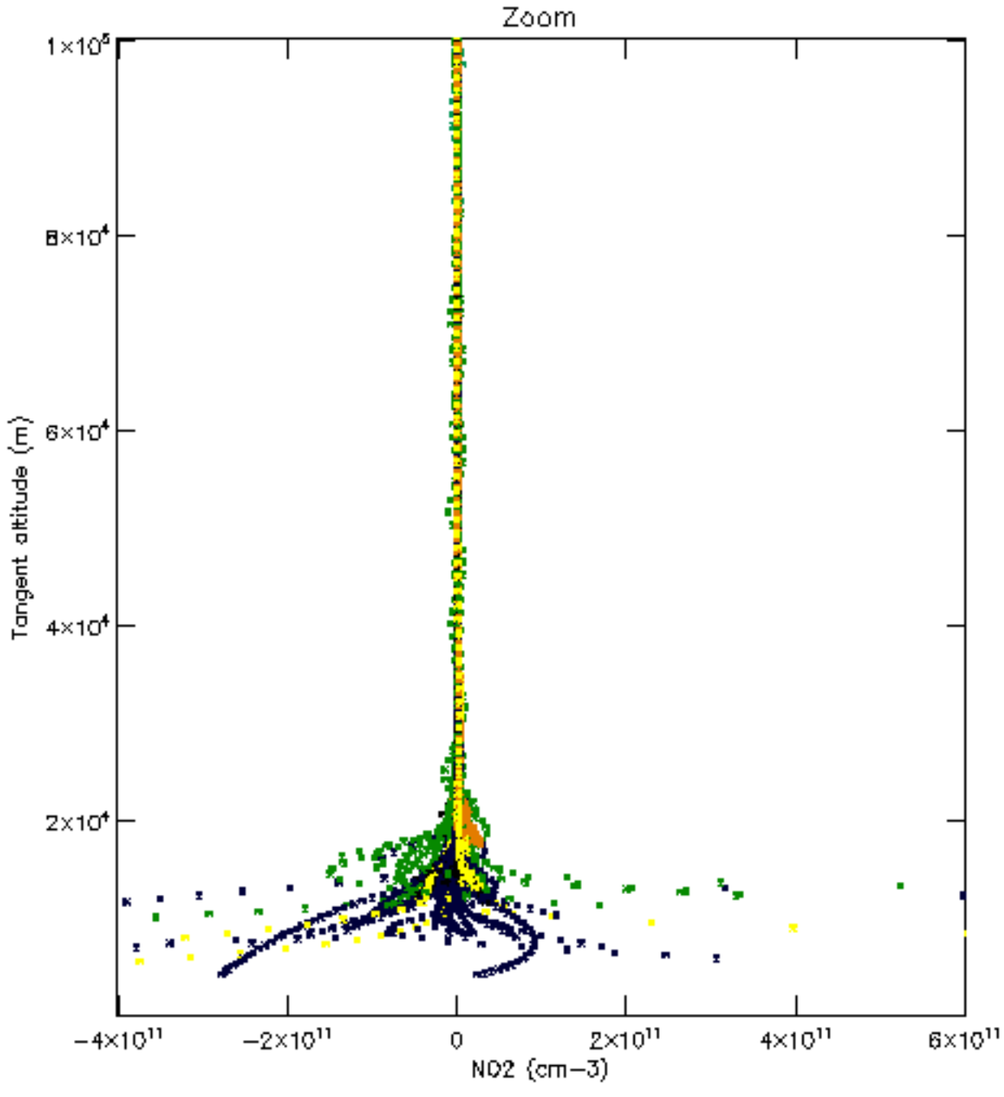

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00

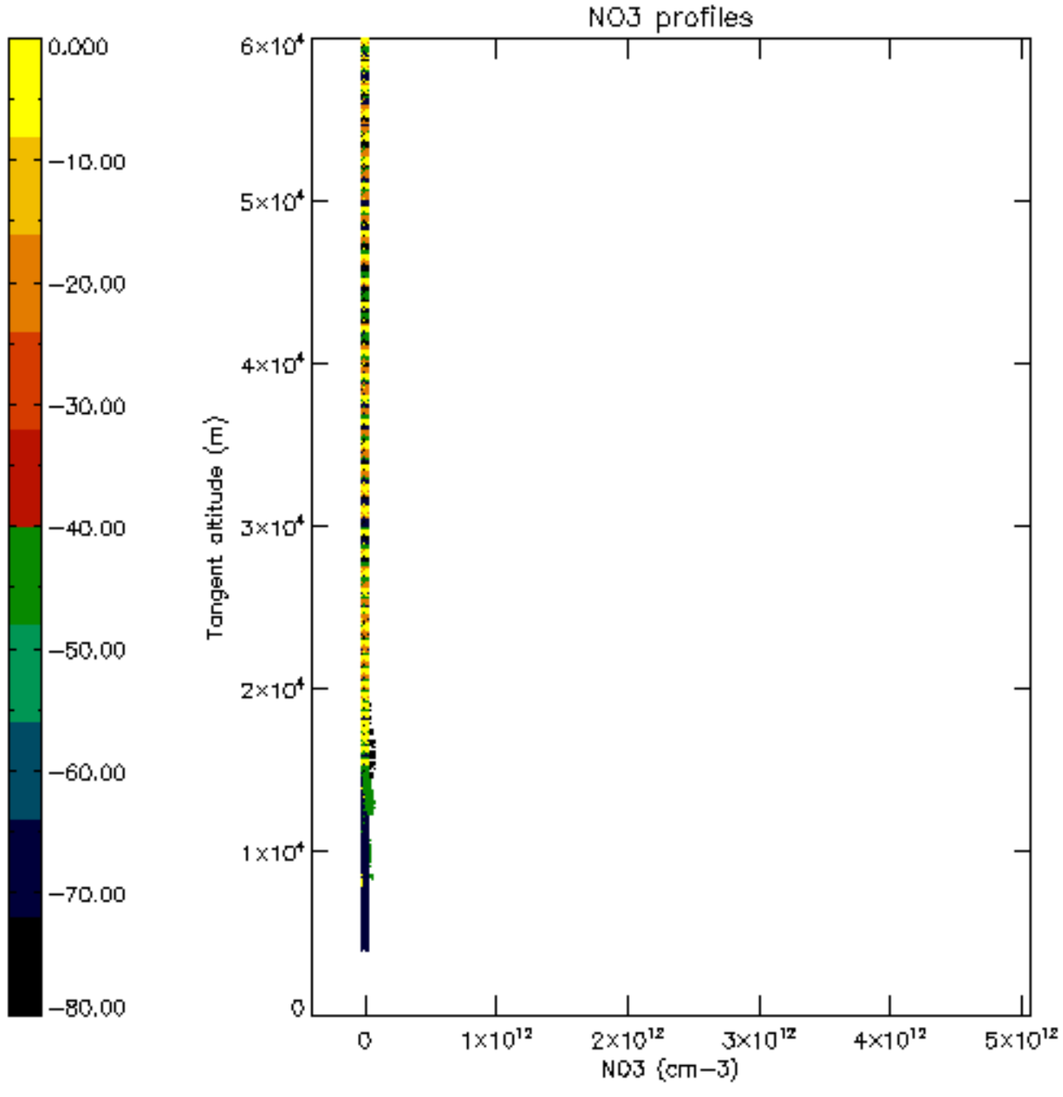
Ozone profiles
Tangent altitude (m)
Ozone (cm−3)

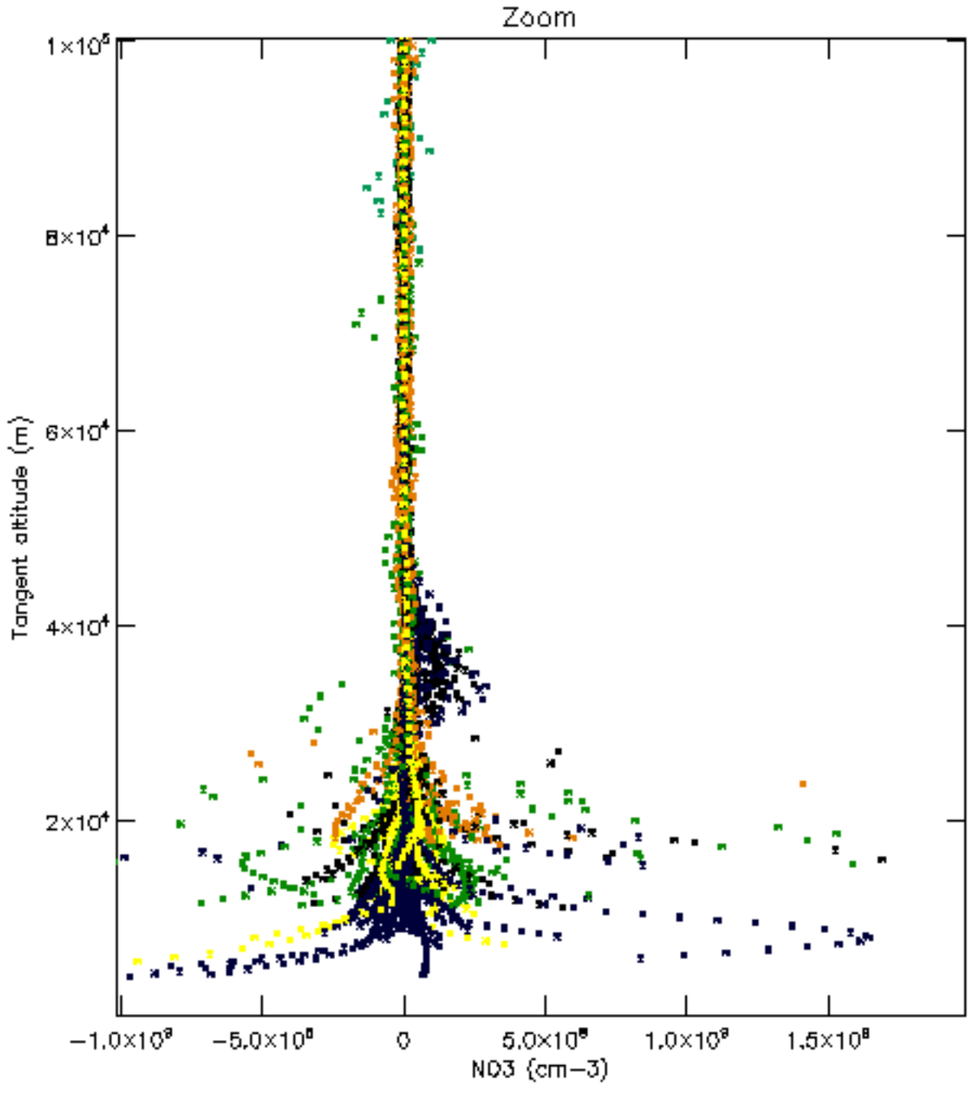

Zoom
Tangent altitude (m)
Ozone (cm−3)

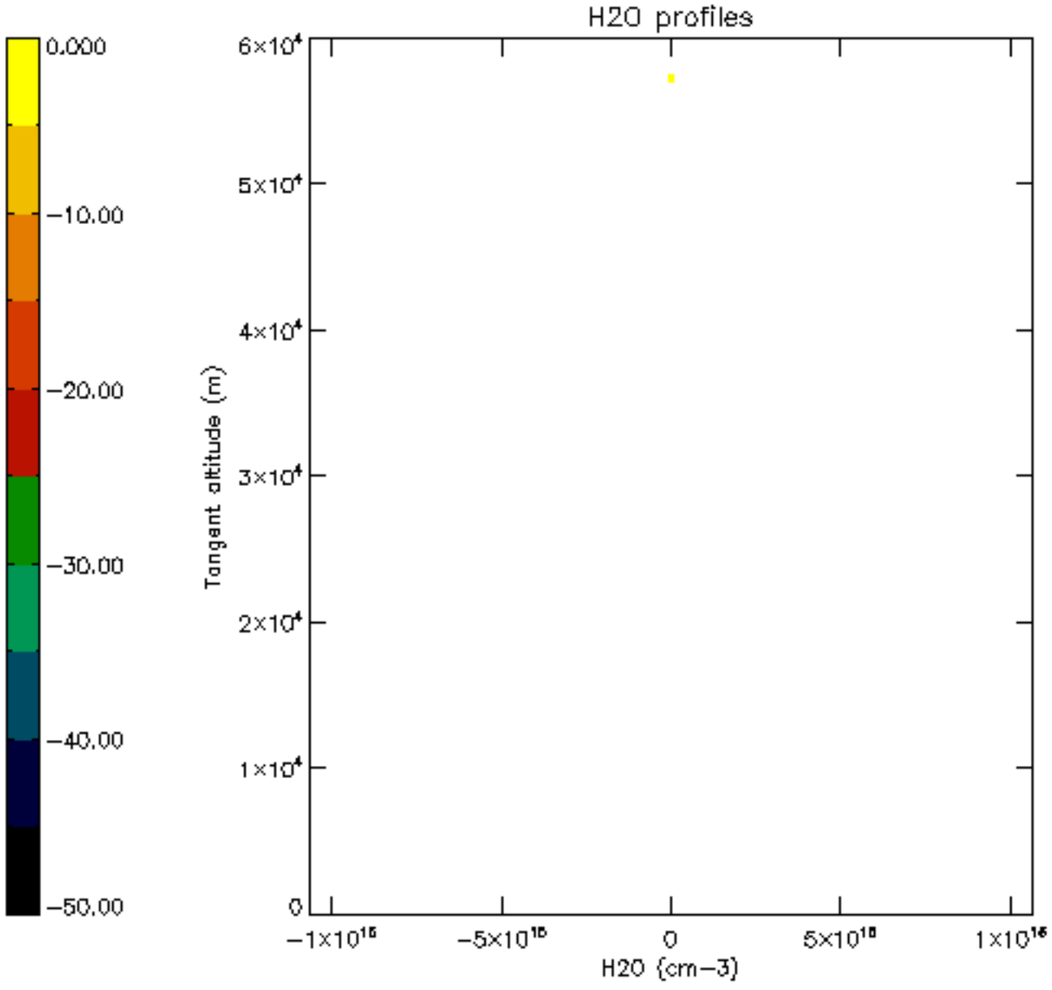

Secondary Ozone peak (log scale)
Tangent altitude (m)
Ozone (cm−3) log scale

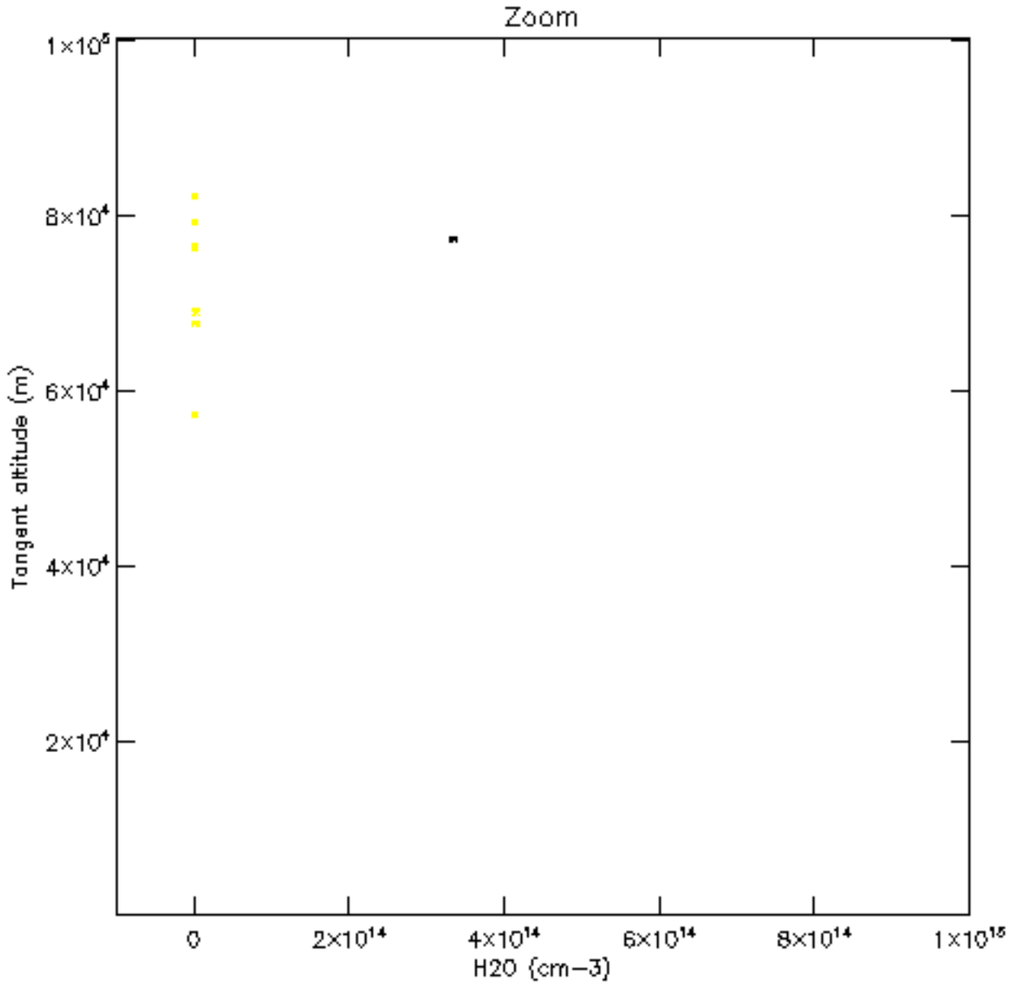

NO2 profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


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
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)


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


H2O profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
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)