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	19APR2013 17:06:44
Data source version	GOMOS/6.01
Start time of products	23-07-2003 (23JUL2003 00:00:00)
Stop time of products	24-07-2003 (24JUL2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	186
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__2PRFIN20030723_001235_000000422018_00217_07285_7026.N1	23-JUL-2003 00:12:35	Dark	41.500	9	Alp Eri	0.45300	24000.	83	7285	No
2	GOM_NL__2PRFIN20030723_001621_000000542018_00217_07285_7027.N1	23-JUL-2003 00:16:21	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	7285	No
3	GOM_NL__2PRFIN20030723_001955_000000422018_00217_07285_7028.N1	23-JUL-2003 00:19:55	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	7285	No
4	GOM_NL__2PRFIN20030723_002135_000000622018_00217_07285_7029.N1	23-JUL-2003 00:21:35	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	7285	No
5	GOM_NL__2PRFIN20030723_002301_000000492018_00217_07285_7030.N1	23-JUL-2003 00:23:01	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	7285	No
6	GOM_NL__2PRFIN20030723_002555_000000872018_00217_07285_7031.N1	23-JUL-2003 00:25:55	Straylight	86.500	18	24Alp PsA	1.1660	9700.0	173	7285	No
7	GOM_NL__2PRFIN20030723_003119_000000402018_00217_07285_7032.N1	23-JUL-2003 00:31:19	Bright	39.500	38	20Eps Sgr	1.8360	11000.	79	7285	No
8	GOM_NL__2PRFIN20030723_003313_000000382018_00217_07285_7033.N1	23-JUL-2003 00:33:13	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	7285	No
9	GOM_NL__2PRFIN20030723_003456_000000672018_00217_07285_7034.N1	23-JUL-2003 00:34:56	Bright	66.500	142	49Del Cap	2.8500	8900.0	133	7285	No
10	GOM_NL__2PRFIN20030723_004231_000000362018_00217_07285_7035.N1	23-JUL-2003 00:42:31	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	7285	No
11	GOM_NL__2PRFIN20030723_004446_000000382018_00217_07285_7036.N1	23-JUL-2003 00:44:46	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	7285	No
12	GOM_NL__2PRFIN20030723_005150_000000392018_00217_07285_7037.N1	23-JUL-2003 00:51:50	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	7285	No
13	GOM_NL__2PRFIN20030723_005434_000000402018_00217_07285_7038.N1	23-JUL-2003 00:54:34	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	7285	No
14	GOM_NL__2PRFIN20030723_005624_000000472018_00217_07285_7039.N1	23-JUL-2003 00:56:24	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	7285	No
15	GOM_NL__2PRFIN20030723_005857_000000382018_00217_07285_7040.N1	23-JUL-2003 00:58:57	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	7285	No
16	GOM_NL__2PRFIN20030723_010136_000000432018_00217_07285_7041.N1	23-JUL-2003 01:01:36	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	7285	No
17	GOM_NL__2PRFIN20030723_010623_000000372018_00217_07285_7042.N1	23-JUL-2003 01:06:23	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	7285	No
18	GOM_NL__2PRFIN20030723_010846_000000512018_00217_07285_7043.N1	23-JUL-2003 01:08:46	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	7285	No
19	GOM_NL__2PRFIN20030723_011024_000000502018_00217_07285_7044.N1	23-JUL-2003 01:10:24	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	7285	No
20	GOM_NL__2PRFIN20030723_011600_000000442018_00217_07285_7045.N1	23-JUL-2003 01:16:00	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	7285	No
21	GOM_NL__2PRFIN20030723_011728_000000462018_00217_07285_7046.N1	23-JUL-2003 01:17:28	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	7285	No
22	GOM_NL__2PRFIN20030723_011913_000000712018_00217_07285_7047.N1	23-JUL-2003 01:19:13	Bright	71.000	73	57Gam1And	2.2600	13100.	142	7285	No
23	GOM_NL__2PRFIN20030723_012213_000001342018_00217_07285_7048.N1	23-JUL-2003 01:22:13	Straylight	134.00	53	43Bet And	2.0480	3300.0	268	7285	No
24	GOM_NL__2PRFIN20030723_012629_000000492018_00217_07285_7049.N1	23-JUL-2003 01:26:29	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	7285	No
25	GOM_NL__2PRFIN20030723_012804_000000542018_00217_07285_7050.N1	23-JUL-2003 01:28:04	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	7285	No
26	GOM_NL__2PRFIN20030723_013010_000000412018_00217_07285_7051.N1	23-JUL-2003 01:30:10	Dark	41.000	27	24Gam Ori	1.6360	26000.	82	7285	No
27	GOM_NL__2PRFIN20030723_013206_000000382018_00217_07285_7052.N1	23-JUL-2003 01:32:06	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	7285	No
28	GOM_NL__2PRFIN20030723_013423_000000402018_00217_07285_7053.N1	23-JUL-2003 01:34:23	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	7285	No
29	GOM_NL__2PRFIN20030723_013643_000000432018_00217_07285_7054.N1	23-JUL-2003 01:36:43	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	7285	No
30	GOM_NL__2PRFIN20030723_014713_000000462018_00217_07285_7055.N1	23-JUL-2003 01:47:13	Dark	45.500	157	The1Eri	2.9060	9300.0	91	7285	No
31	GOM_NL__2PRFIN20030723_015311_000000462018_00218_07286_7024.N1	23-JUL-2003 01:53:11	Dark	45.500	9	Alp Eri	0.45300	24000.	91	7286	No
32	GOM_NL__2PRFIN20030723_015658_000000692018_00218_07286_7025.N1	23-JUL-2003 01:56:58	Straylight	68.500	84	Alp Phe	2.3970	4500.0	137	7286	No
33	GOM_NL__2PRFIN20030723_020031_000000412018_00218_07286_7026.N1	23-JUL-2003 02:00:31	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	7286	No
34	GOM_NL__2PRFIN20030723_020211_000000652018_00218_07286_7027.N1	23-JUL-2003 02:02:11	Straylight	65.000	63	Bet Gru	2.1500	2800.0	130	7286	No
35	GOM_NL__2PRFIN20030723_020337_000000532018_00218_07286_7028.N1	23-JUL-2003 02:03:37	Straylight	52.500	31	Alp Gru	1.7340	15200.	105	7286	No
36	GOM_NL__2PRFIN20030723_020633_000000822018_00218_07286_7029.N1	23-JUL-2003 02:06:33	Straylight	81.500	18	24Alp PsA	1.1660	9700.0	163	7286	No
37	GOM_NL__2PRFIN20030723_021154_000000422018_00218_07286_7030.N1	23-JUL-2003 02:11:54	Bright	42.000	38	20Eps Sgr	1.8360	11000.	84	7286	No
38	GOM_NL__2PRFIN20030723_021349_000000402018_00218_07286_7031.N1	23-JUL-2003 02:13:49	Bright	40.000	57	34Sig Sgr	2.0660	26000.	80	7286	No
39	GOM_NL__2PRFIN20030723_021532_000000672018_00218_07286_7032.N1	23-JUL-2003 02:15:32	Bright	67.000	142	49Del Cap	2.8500	8900.0	134	7286	No
40	GOM_NL__2PRFIN20030723_022307_000000372018_00218_07286_7033.N1	23-JUL-2003 02:23:07	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	7286	No
41	GOM_NL__2PRFIN20030723_022521_000000382018_00218_07286_7034.N1	23-JUL-2003 02:25:21	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	7286	No
42	GOM_NL__2PRFIN20030723_023225_000000372018_00218_07286_7035.N1	23-JUL-2003 02:32:25	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	7286	No

43	GOM_NL__2PRFIN20030723_023509_000000412018_00218_07286_7036.N1	23-JUL-2003 02:35:09	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	7286	No
44	GOM_NL__2PRFIN20030723_023659_000000472018_00218_07286_7037.N1	23-JUL-2003 02:36:59	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	7286	No
45	GOM_NL__2PRFIN20030723_023932_000000382018_00218_07286_7038.N1	23-JUL-2003 02:39:32	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	7286	No
46	GOM_NL__2PRFIN20030723_024211_000000392018_00218_07286_7039.N1	23-JUL-2003 02:42:11	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7286	No
47	GOM_NL__2PRFIN20030723_024658_000000362018_00218_07286_7040.N1	23-JUL-2003 02:46:58	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	7286	No
48	GOM_NL__2PRFIN20030723_024921_000000532018_00218_07286_7041.N1	23-JUL-2003 02:49:21	Bright	53.000	74	11Bet Cas	2.2680	6600.0	106	7286	No
49	GOM_NL__2PRFIN20030723_025059_000000522018_00218_07286_7042.N1	23-JUL-2003 02:50:59	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	7286	No
50	GOM_NL__2PRFIN20030723_025635_000000462018_00218_07286_7043.N1	23-JUL-2003 02:56:35	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	7286	No
51	GOM_NL__2PRFIN20030723_025803_000000452018_00218_07286_7044.N1	23-JUL-2003 02:58:03	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	7286	No
52	GOM_NL__2PRFIN20030723_025949_000000722018_00218_07286_7045.N1	23-JUL-2003 02:59:49	Bright	72.000	73	57Gam1And	2.2600	13100.	144	7286	No
53	GOM_NL__2PRFIN20030723_030249_000001672018_00218_07286_7046.N1	23-JUL-2003 03:02:49	Straylight	166.50	53	43Bet And	2.0480	3300.0	333	7286	No
54	GOM_NL__2PRFIN20030723_030705_000000522018_00218_07286_7047.N1	23-JUL-2003 03:07:05	Twilight	52.000	146	25Eta Tau	2.8730	15200.	104	7286	No
55	GOM_NL__2PRFIN20030723_030840_000000542018_00218_07286_7048.N1	23-JUL-2003 03:08:40	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	7286	No
56	GOM_NL__2PRFIN20030723_031046_000000392018_00218_07286_7049.N1	23-JUL-2003 03:10:46	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	7286	No
57	GOM_NL__2PRFIN20030723_031242_000000382018_00218_07286_7050.N1	23-JUL-2003 03:12:42	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	7286	No
58	GOM_NL__2PRFIN20030723_031459_000000452018_00218_07286_7051.N1	23-JUL-2003 03:14:59	Dark	45.000	7	19Bet Ori	0.10000	14000.	90	7286	No
59	GOM_NL__2PRFIN20030723_031719_000000422018_00218_07286_7052.N1	23-JUL-2003 03:17:19	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	7286	No
60	GOM_NL__2PRFIN20030723_032750_000000432018_00218_07286_7053.N1	23-JUL-2003 03:27:50	Dark	43.000	157	The1Eri	2.9060	9300.0	86	7286	No
61	GOM_NL__2PRFIN20030723_033348_000000522018_00219_07287_6384.N1	23-JUL-2003 03:33:48	Dark	51.500	9	Alp Eri	0.45300	24000.	103	7287	No
62	GOM_NL__2PRFIN20030723_033734_000000602018_00219_07287_6385.N1	23-JUL-2003 03:37:34	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	7287	No
63	GOM_NL__2PRFIN20030723_034107_000000412018_00219_07287_6386.N1	23-JUL-2003 03:41:07	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	7287	No
64	GOM_NL__2PRFIN20030723_034248_000000552018_00219_07287_6387.N1	23-JUL-2003 03:42:48	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	7287	No
65	GOM_NL__2PRFIN20030723_034413_000000492018_00219_07287_6388.N1	23-JUL-2003 03:44:13	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	7287	No
66	GOM_NL__2PRFIN20030723_034709_000000822018_00219_07287_6389.N1	23-JUL-2003 03:47:09	Straylight	82.000	18	24Alp PsA	1.1660	9700.0	164	7287	No
67	GOM_NL__2PRFIN20030723_035231_000000432018_00219_07287_6390.N1	23-JUL-2003 03:52:31	Bright	42.500	38	20Eps Sgr	1.8360	11000.	85	7287	No
68	GOM_NL__2PRFIN20030723_035425_000000382018_00219_07287_6391.N1	23-JUL-2003 03:54:25	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	7287	No
69	GOM_NL__2PRFIN20030723_035608_000000692018_00219_07287_6392.N1	23-JUL-2003 03:56:08	Bright	68.500	142	49Del Cap	2.8500	8900.0	137	7287	No
70	GOM_NL__2PRFIN20030723_040344_000000372018_00219_07287_6393.N1	23-JUL-2003 04:03:44	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	7287	No
71	GOM_NL__2PRFIN20030723_040558_000000382018_00219_07287_6394.N1	23-JUL-2003 04:05:58	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	7287	No
72	GOM_NL__2PRFIN20030723_041301_000000362018_00219_07287_6395.N1	23-JUL-2003 04:13:01	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	7287	No
73	GOM_NL__2PRFIN20030723_041545_000000402018_00219_07287_6396.N1	23-JUL-2003 04:15:45	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	7287	No
74	GOM_NL__2PRFIN20030723_041735_000000482018_00219_07287_6397.N1	23-JUL-2003 04:17:35	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	7287	No
75	GOM_NL__2PRFIN20030723_042009_000000382018_00219_07287_6398.N1	23-JUL-2003 04:20:09	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	7287	No
76	GOM_NL__2PRFIN20030723_042246_000000442018_00219_07287_6399.N1	23-JUL-2003 04:22:46	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	7287	No
77	GOM_NL__2PRFIN20030723_042734_000000382018_00219_07287_6400.N1	23-JUL-2003 04:27:34	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	7287	No
78	GOM_NL__2PRFIN20030723_042955_000000542018_00219_07287_6401.N1	23-JUL-2003 04:29:55	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	7287	No
79	GOM_NL__2PRFIN20030723_043134_000000512018_00219_07287_6402.N1	23-JUL-2003 04:31:34	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	7287	No
80	GOM_NL__2PRFIN20030723_043711_000000452018_00219_07287_6403.N1	23-JUL-2003 04:37:11	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	7287	No
81	GOM_NL__2PRFIN20030723_043838_000000492018_00219_07287_6404.N1	23-JUL-2003 04:38:38	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	7287	No
82	GOM_NL__2PRFIN20030723_044025_000000702018_00219_07287_6405.N1	23-JUL-2003 04:40:25	Bright	70.000	73	57Gam1And	2.2600	13100.	140	7287	No
83	GOM_NL__2PRFIN20030723_044325_000001562018_00219_07287_6406.N1	23-JUL-2003 04:43:25	Straylight	155.50	53	43Bet And	2.0480	3300.0	311	7287	No
84	GOM_NL__2PRFIN20030723_044741_000000512018_00219_07287_6407.N1	23-JUL-2003 04:47:41	Twilight	51.000	146	25Eta Tau	2.8730	15200.	102	7287	No
85	GOM_NL__2PRFIN20030723_044916_000000572018_00219_07287_6408.N1	23-JUL-2003 04:49:16	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	7287	No
86	GOM_NL__2PRFIN20030723_045122_000000392018_00219_07287_6409.N1	23-JUL-2003 04:51:22	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	7287	No
87	GOM_NL__2PRFIN20030723_045318_000000392018_00219_07287_6410.N1	23-JUL-2003 04:53:18	Dark	39.000	30	46Eps Ori	1.6940	30000.	78	7287	No
88	GOM_NL__2PRFIN20030723_045534_000000482018_00219_07287_6411.N1	23-JUL-2003 04:55:34	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	7287	No
89	GOM_NL__2PRFIN20030723_045755_000000432018_00219_07287_6412.N1	23-JUL-2003 04:57:55	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	7287	No
90	GOM_NL__2PRFIN20030723_050826_000000462018_00219_07287_6413.N1	23-JUL-2003 05:08:26	Dark	45.500	157	The1Eri	2.9060	9300.0	91	7287	No
91	GOM_NL__2PRFIN20030723_051425_000000452018_00220_07288_6895.N1	23-JUL-2003 05:14:25	Dark	44.500	9	Alp Eri	0.45300	24000.	89	7288	No
92	GOM_NL__2PRFIN20030723_051812_000000602018_00220_07288_6896.N1	23-JUL-2003 05:18:12	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	7288	No
93	GOM_NL__2PRFIN20030723_052144_000000432018_00220_07288_6897.N1	23-JUL-2003 05:21:44	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	7288	No
94	GOM_NL__2PRFIN20030723_052325_000000622018_00220_07288_6898.N1	23-JUL-2003 05:23:25	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	7288	No
95	GOM_NL__2PRFIN20030723_052450_000000492018_00220_07288_6899.N1	23-JUL-2003 05:24:50	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	7288	No
96	GOM_NL__2PRFIN20030723_052746_000000832018_00220_07288_6900.N1	23-JUL-2003 05:27:46	Straylight	82.500	18	24Alp PsA	1.1660	9700.0	165	7288	No
97	GOM_NL__2PRFIN20030723_053307_000000392018_00220_07288_6901.N1	23-JUL-2003 05:33:07	Bright	39.000	38	20Eps Sgr	1.8360	11000.	78	7288	No
98	GOM_NL__2PRFIN20030723_053502_000000402018_00220_07288_6902.N1	23-JUL-2003 05:35:02	Bright	39.500	57	34Sig Sgr	2.0660	26000.	79	7288	No
99	GOM_NL__2PRFIN20030723_053645_000000662018_00220_07288_6903.N1	23-JUL-2003 05:36:45	Bright	66.000	142	49Del Cap	2.8500	8900.0	132	7288	No
100	GOM_NL__2PRFIN20030723_054420_000000382018_00220_07288_6904.N1	23-JUL-2003 05:44:20	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	7288	No
101	GOM_NL__2PRFIN20030723_054633_000000372018_00220_07288_6905.N1	23-JUL-2003 05:46:33	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	7288	No

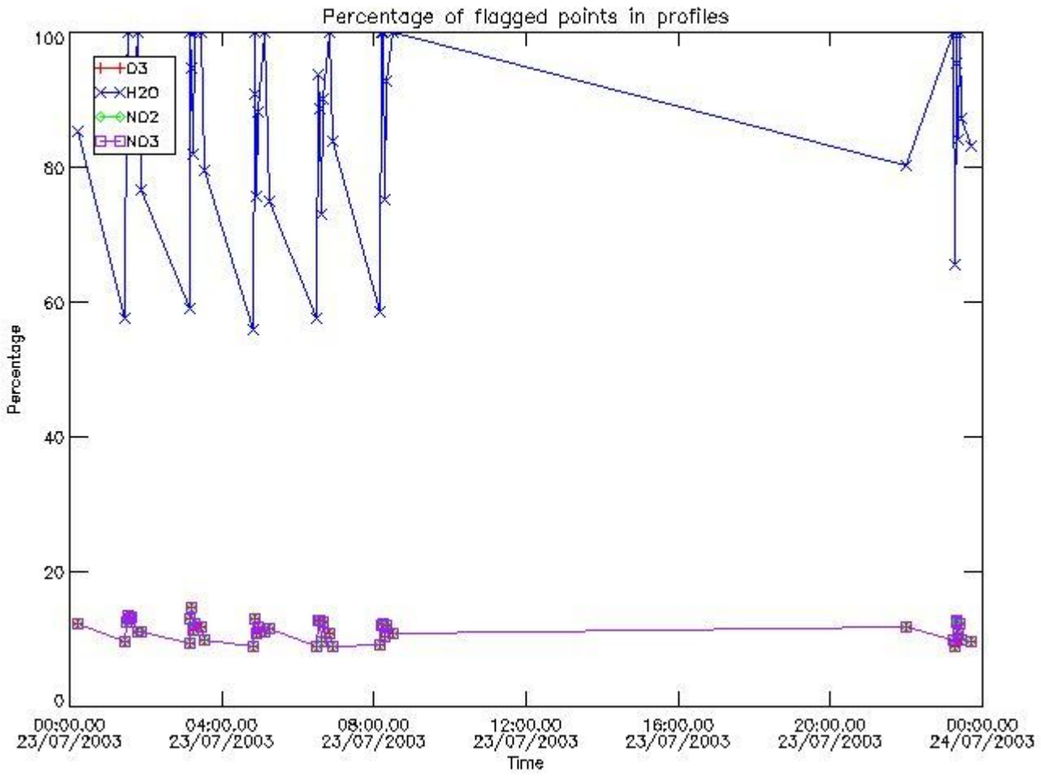
102	GOM_NL__2PRFIN20030723_055337_000000402018_00220_07288_6906.N1	23-JUL-2003 05:53:37	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	7288	No
103	GOM_NL__2PRFIN20030723_055621_000000392018_00220_07288_6907.N1	23-JUL-2003 05:56:21	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	7288	No
104	GOM_NL__2PRFIN20030723_055810_000000472018_00220_07288_6908.N1	23-JUL-2003 05:58:10	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	7288	No
105	GOM_NL__2PRFIN20030723_060045_000000382018_00220_07288_6909.N1	23-JUL-2003 06:00:45	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	7288	No
106	GOM_NL__2PRFIN20030723_060322_000000422018_00220_07288_6910.N1	23-JUL-2003 06:03:22	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	7288	No
107	GOM_NL__2PRFIN20030723_060810_000000362018_00220_07288_6911.N1	23-JUL-2003 06:08:10	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	7288	No
108	GOM_NL__2PRFIN20030723_061030_000000532018_00220_07288_6912.N1	23-JUL-2003 06:10:30	Bright	52.500	74	11Bet Cas	2.2680	6600.0	105	7288	No
109	GOM_NL__2PRFIN20030723_061209_000000512018_00220_07288_6913.N1	23-JUL-2003 06:12:09	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	7288	No
110	GOM_NL__2PRFIN20030723_061747_000000442018_00220_07288_6914.N1	23-JUL-2003 06:17:47	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	7288	No
111	GOM_NL__2PRFIN20030723_061915_000000482018_00220_07288_6915.N1	23-JUL-2003 06:19:15	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	7288	No
112	GOM_NL__2PRFIN20030723_062101_000000662018_00220_07288_6916.N1	23-JUL-2003 06:21:01	Bright	66.000	73	57Gam1And	2.2600	13100.	132	7288	No
113	GOM_NL__2PRFIN20030723_062400_000001592018_00220_07288_6917.N1	23-JUL-2003 06:24:00	Straylight	159.00	53	43Bet And	2.0480	3300.0	318	7288	No
114	GOM_NL__2PRFIN20030723_062817_000000512018_00220_07288_6918.N1	23-JUL-2003 06:28:17	Twilight	51.000	146	25Eta Tau	2.8730	15200.	102	7288	No
115	GOM_NL__2PRFIN20030723_062952_000000572018_00220_07288_6919.N1	23-JUL-2003 06:29:52	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	7288	No
116	GOM_NL__2PRFIN20030723_063158_000000402018_00220_07288_6920.N1	23-JUL-2003 06:31:58	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	7288	No
117	GOM_NL__2PRFIN20030723_063354_000000402018_00220_07288_6921.N1	23-JUL-2003 06:33:54	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	7288	No
118	GOM_NL__2PRFIN20030723_063610_000000532018_00220_07288_6922.N1	23-JUL-2003 06:36:10	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	7288	No
119	GOM_NL__2PRFIN20030723_063831_000000412018_00220_07288_6923.N1	23-JUL-2003 06:38:31	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	7288	No
120	GOM_NL__2PRFIN20030723_064903_000000472018_00220_07288_6924.N1	23-JUL-2003 06:49:03	Dark	47.000	157	The1Eri	2.9060	9300.0	94	7288	No
121	GOM_NL__2PRFIN20030723_065501_000000572018_00221_07289_6895.N1	23-JUL-2003 06:55:01	Dark	56.500	9	Alp Eri	0.45300	24000.	113	7289	No
122	GOM_NL__2PRFIN20030723_065849_000000592018_00221_07289_6896.N1	23-JUL-2003 06:58:49	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	7289	No
123	GOM_NL__2PRFIN20030723_070220_000000432018_00221_07289_6897.N1	23-JUL-2003 07:02:20	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	7289	No
124	GOM_NL__2PRFIN20030723_070401_000000652018_00221_07289_6898.N1	23-JUL-2003 07:04:01	Straylight	65.000	63	Bet Gru	2.1500	2800.0	130	7289	No
125	GOM_NL__2PRFIN20030723_070526_000000472018_00221_07289_6899.N1	23-JUL-2003 07:05:26	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	7289	No
126	GOM_NL__2PRFIN20030723_070824_000000902018_00221_07289_6900.N1	23-JUL-2003 07:08:24	Twi_and_stray	90.000	18	24Alp PsA	1.1660	9700.0	180	7289	No
127	GOM_NL__2PRFIN20030723_071343_000000432018_00221_07289_6901.N1	23-JUL-2003 07:13:43	Bright	42.500	38	20Eps Sgr	1.8360	11000.	85	7289	No
128	GOM_NL__2PRFIN20030723_071538_000000472018_00221_07289_6902.N1	23-JUL-2003 07:15:38	Bright	46.500	57	34Sig Sgr	2.0660	26000.	93	7289	No
129	GOM_NL__2PRFIN20030723_071721_000000662018_00221_07289_6903.N1	23-JUL-2003 07:17:21	Bright	65.500	142	49Del Cap	2.8500	8900.0	131	7289	No
130	GOM_NL__2PRFIN20030723_072456_000000372018_00221_07289_6904.N1	23-JUL-2003 07:24:56	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	7289	No
131	GOM_NL__2PRFIN20030723_072709_000000382018_00221_07289_6905.N1	23-JUL-2003 07:27:09	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	7289	No
132	GOM_NL__2PRFIN20030723_073413_000000412018_00221_07289_6906.N1	23-JUL-2003 07:34:13	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	7289	No
133	GOM_NL__2PRFIN20030723_073656_000000402018_00221_07289_6907.N1	23-JUL-2003 07:36:56	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	7289	No
134	GOM_NL__2PRFIN20030723_073845_000000482018_00221_07289_6908.N1	23-JUL-2003 07:38:45	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	7289	No
135	GOM_NL__2PRFIN20030723_074121_000000392018_00221_07289_6909.N1	23-JUL-2003 07:41:21	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	7289	No
136	GOM_NL__2PRFIN20030723_074357_000000432018_00221_07289_6910.N1	23-JUL-2003 07:43:57	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	7289	No
137	GOM_NL__2PRFIN20030723_074846_000000382018_00221_07289_6911.N1	23-JUL-2003 07:48:46	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	7289	No
138	GOM_NL__2PRFIN20030723_075106_000000532018_00221_07289_6912.N1	23-JUL-2003 07:51:06	Bright	53.000	74	11Bet Cas	2.2680	6600.0	106	7289	No
139	GOM_NL__2PRFIN20030723_075245_000000502018_00221_07289_6913.N1	23-JUL-2003 07:52:45	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	7289	No
140	GOM_NL__2PRFIN20030723_075823_000000442018_00221_07289_6914.N1	23-JUL-2003 07:58:23	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	7289	No
141	GOM_NL__2PRFIN20030723_075950_000000452018_00221_07289_6915.N1	23-JUL-2003 07:59:50	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	7289	No
142	GOM_NL__2PRFIN20030723_080137_000000752018_00221_07289_6916.N1	23-JUL-2003 08:01:37	Bright	75.000	73	57Gam1And	2.2600	13100.	150	7289	No
143	GOM_NL__2PRFIN20030723_080436_000001522018_00221_07289_6917.N1	23-JUL-2003 08:04:36	Straylight	151.50	53	43Bet And	2.0480	3300.0	303	7289	No
144	GOM_NL__2PRFIN20030723_080854_000000502018_00221_07289_6918.N1	23-JUL-2003 08:08:54	Twilight	50.000	146	25Eta Tau	2.8730	15200.	100	7289	No
145	GOM_NL__2PRFIN20030723_081027_000000562018_00221_07289_6919.N1	23-JUL-2003 08:10:27	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	7289	No
146	GOM_NL__2PRFIN20030723_081233_000000422018_00221_07289_6920.N1	23-JUL-2003 08:12:33	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	7289	No
147	GOM_NL__2PRFIN20030723_081430_000000422018_00221_07289_6921.N1	23-JUL-2003 08:14:30	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	7289	No
148	GOM_NL__2PRFIN20030723_081646_000000492018_00221_07289_6922.N1	23-JUL-2003 08:16:46	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	7289	No
149	GOM_NL__2PRFIN20030723_081907_000000432018_00221_07289_6923.N1	23-JUL-2003 08:19:07	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	7289	No
150	GOM_NL__2PRFIN20030723_082939_000000482018_00221_07289_6924.N1	23-JUL-2003 08:29:39	Dark	47.500	157	The1Eri	2.9060	9300.0	95	7289	No
151	GOM_NL__2PRFIN20030723_220031_000000442018_00230_07298_7175.N1	23-JUL-2003 22:00:31	Dark	43.500	9	Alp Eri	0.45300	24000.	87	7298	No
152	GOM_NL__2PRFIN20030723_220423_000000572018_00230_07298_6424.N1	23-JUL-2003 22:04:23	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	7298	No
153	GOM_NL__2PRFIN20030723_220835_000002192018_00230_07298_6425.N1	23-JUL-2003 22:08:35	Straylight	219.00	52	16Bet Cet	2.0370	4500.0	438	7298	No
154	GOM_NL__2PRFIN20030723_221357_000000752018_00230_07298_6426.N1	23-JUL-2003 22:13:57	Straylight	74.500	18	24Alp PsA	1.1660	9700.0	149	7298	No
155	GOM_NL__2PRFIN20030723_221909_000000432018_00230_07298_6427.N1	23-JUL-2003 22:19:09	Bright	43.000	38	20Eps Sgr	1.8360	11000.	86	7298	No
156	GOM_NL__2PRFIN20030723_222103_000000382018_00230_07298_6428.N1	23-JUL-2003 22:21:03	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	7298	No
157	GOM_NL__2PRFIN20030723_222244_000000672018_00230_07298_6429.N1	23-JUL-2003 22:22:44	Bright	66.500	142	49Del Cap	2.8500	8900.0	133	7298	No
158	GOM_NL__2PRFIN20030723_222749_000000682018_00230_07298_6430.N1	23-JUL-2003 22:27:49	Bright	67.500	154	22Bet Aqr	2.8990	5700.0	135	7298	No
159	GOM_NL__2PRFIN20030723_223022_000000372018_00230_07298_6431.N1	23-JUL-2003 22:30:22	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	7298	No
160	GOM_NL__2PRFIN20030723_223232_000000372018_00230_07298_6432.N1	23-JUL-2003 22:32:32	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	7298	No

161	GOM_NL__2PRFIN20030723_223631_000000862018_00230_07298_6433.N1	23-JUL-2003 22:36:31	Bright	85.500	61	8Eps Peg	2.1000	3900.0	171	7298	No
162	GOM_NL__2PRFIN20030723_223936_000000362018_00230_07298_6434.N1	23-JUL-2003 22:39:36	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	7298	No
163	GOM_NL__2PRFIN20030723_224217_000000392018_00230_07298_6435.N1	23-JUL-2003 22:42:17	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	7298	No
164	GOM_NL__2PRFIN20030723_224402_000000462018_00230_07298_6436.N1	23-JUL-2003 22:44:02	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	7298	No
165	GOM_NL__2PRFIN20030723_224648_000000372018_00230_07298_6437.N1	23-JUL-2003 22:46:48	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	7298	No
166	GOM_NL__2PRFIN20030723_224916_000000422018_00230_07298_6438.N1	23-JUL-2003 22:49:16	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	7298	No
167	GOM_NL__2PRFIN20030723_225102_000000352018_00230_07298_6439.N1	23-JUL-2003 22:51:02	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	7298	No
168	GOM_NL__2PRFIN20030723_225410_000000362018_00230_07298_6440.N1	23-JUL-2003 22:54:10	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	7298	No
169	GOM_NL__2PRFIN20030723_225623_000000522018_00230_07298_6441.N1	23-JUL-2003 22:56:23	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	7298	No
170	GOM_NL__2PRFIN20030723_225804_000000492018_00230_07298_6442.N1	23-JUL-2003 22:58:04	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	7298	No
171	GOM_NL__2PRFIN20030723_230344_000000432018_00230_07298_6443.N1	23-JUL-2003 23:03:44	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	7298	No
172	GOM_NL__2PRFIN20030723_230513_000000482018_00230_07298_6444.N1	23-JUL-2003 23:05:13	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	7298	No
173	GOM_NL__2PRFIN20030723_230656_000000752018_00230_07298_6445.N1	23-JUL-2003 23:06:56	Bright	74.500	73	57Gam1And	2.2600	13100.	149	7298	No
174	GOM_NL__2PRFIN20030723_230956_000001822018_00230_07298_6446.N1	23-JUL-2003 23:09:56	Straylight	182.00	53	43Bet And	2.0480	3300.0	364	7298	No
175	GOM_NL__2PRFIN20030723_231420_000000522018_00230_07298_6447.N1	23-JUL-2003 23:14:20	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	7298	No
176	GOM_NL__2PRFIN20030723_231555_000000572018_00230_07298_6448.N1	23-JUL-2003 23:15:55	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	7298	No
177	GOM_NL__2PRFIN20030723_231801_000000442018_00230_07298_6449.N1	23-JUL-2003 23:18:01	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	7298	No
178	GOM_NL__2PRFIN20030723_231957_000000412018_00230_07298_6450.N1	23-JUL-2003 23:19:57	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	7298	No
179	GOM_NL__2PRFIN20030723_232214_000000482018_00230_07298_6451.N1	23-JUL-2003 23:22:14	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	7298	No
180	GOM_NL__2PRFIN20030723_232433_000000422018_00230_07298_6452.N1	23-JUL-2003 23:24:33	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	7298	No
181	GOM_NL__2PRFIN20030723_232556_000000512018_00230_07298_6453.N1	23-JUL-2003 23:25:56	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	7298	No
182	GOM_NL__2PRFIN20030723_234108_000000542018_00231_07299_6917.N1	23-JUL-2003 23:41:08	Dark	53.500	9	Alp Eri	0.45300	24000.	107	7299	No
183	GOM_NL__2PRFIN20030723_234500_000000572018_00231_07299_6918.N1	23-JUL-2003 23:45:00	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	7299	No
184	GOM_NL__2PRFIN20030723_234915_000002192018_00231_07299_6919.N1	23-JUL-2003 23:49:15	Straylight	219.00	52	16Bet Cet	2.0370	4500.0	438	7299	No
185	GOM_NL__2PRFIN20030723_235433_000000802018_00231_07299_6920.N1	23-JUL-2003 23:54:33	Straylight	80.000	18	24Alp PsA	1.1660	9700.0	160	7299	No
186	GOM_NL__2PRFIN20030723_235944_000000432018_00231_07299_6921.N1	23-JUL-2003 23:59:44	Bright	43.000	38	20Eps Sgr	1.8360	11000.	86	7299	No

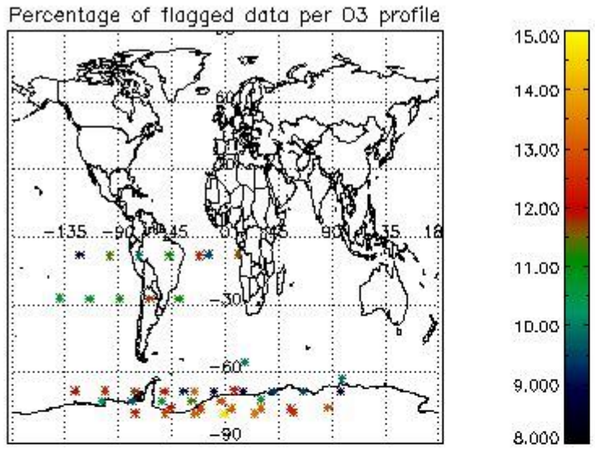
3. Quality information per product

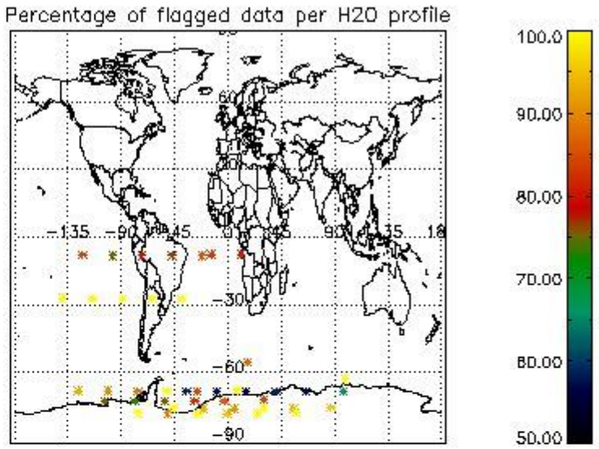
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

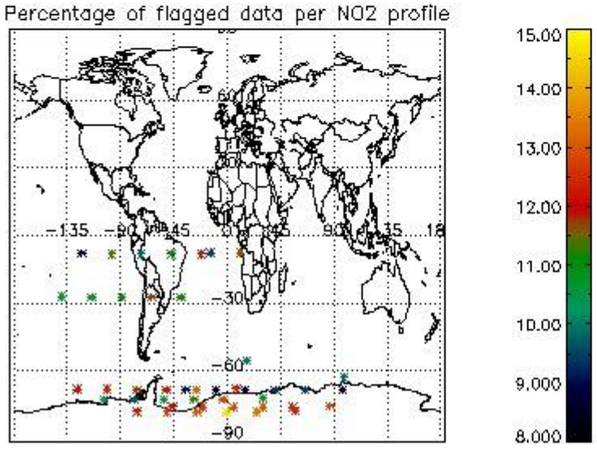
3.1 Plot quality information per product (time dependant)

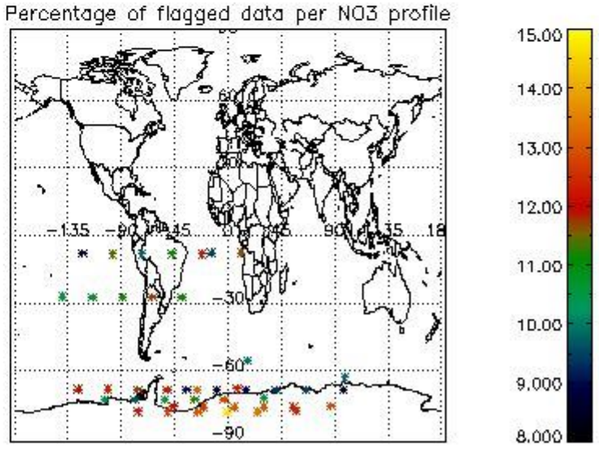


3.2 Plot quality information per product (world map)







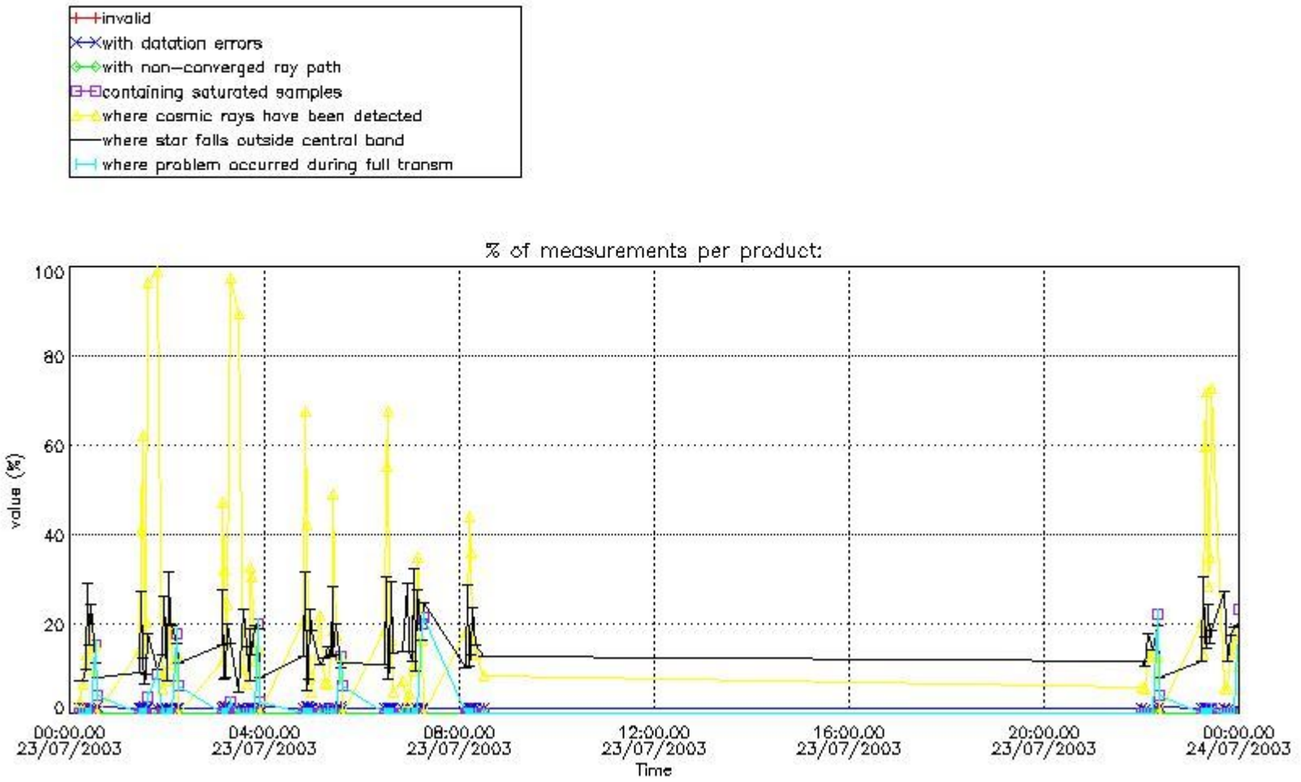


4. Level 1 quality information per product

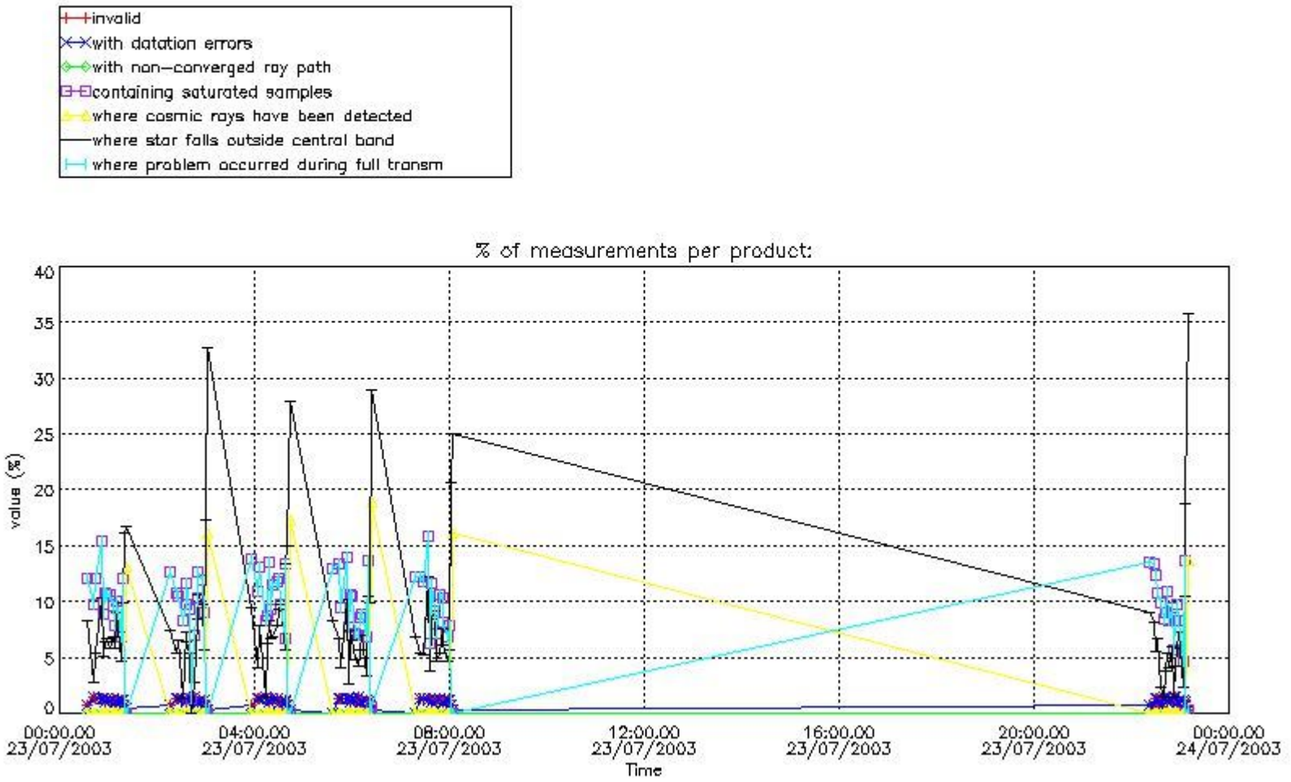
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

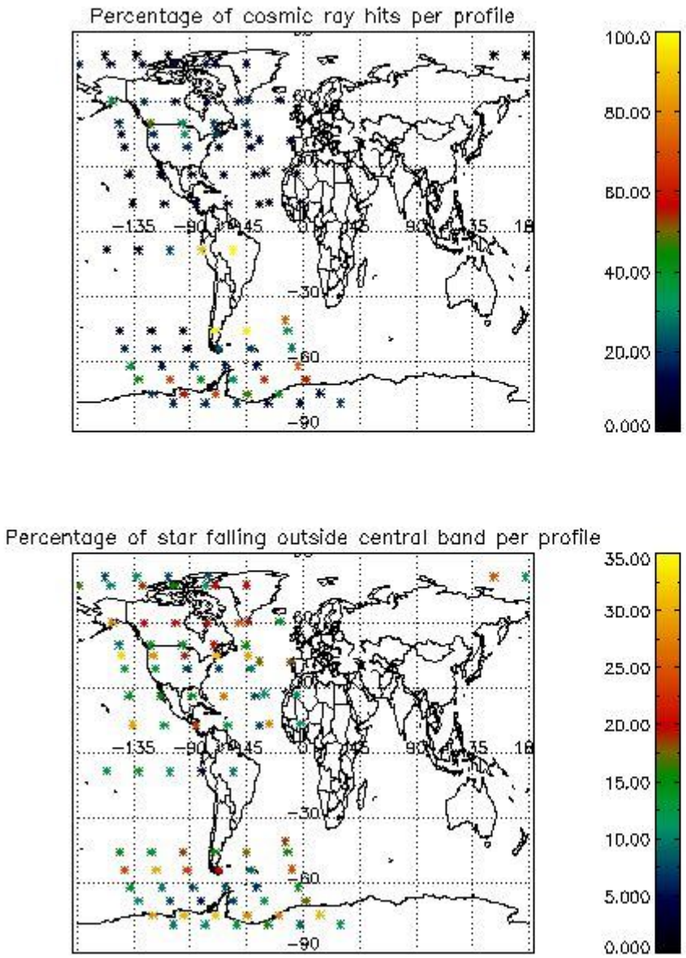


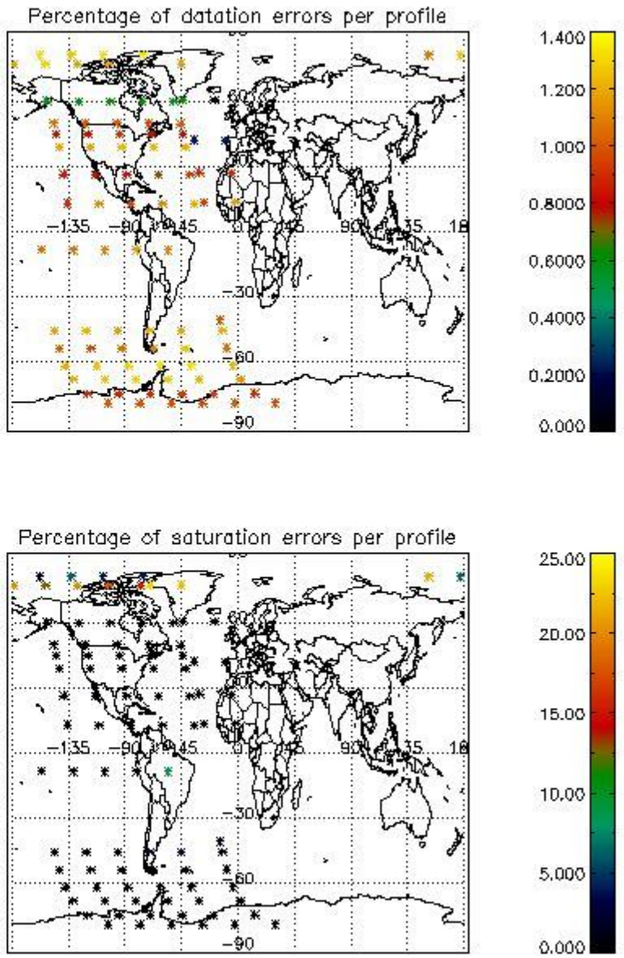
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



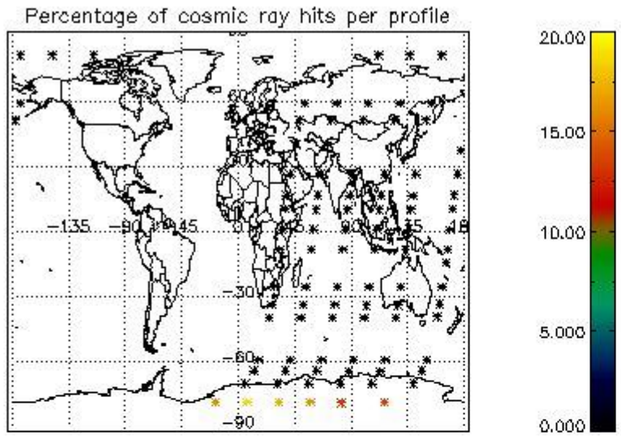
4.2 Plot quality information per product comming from level 1b processing (world map)

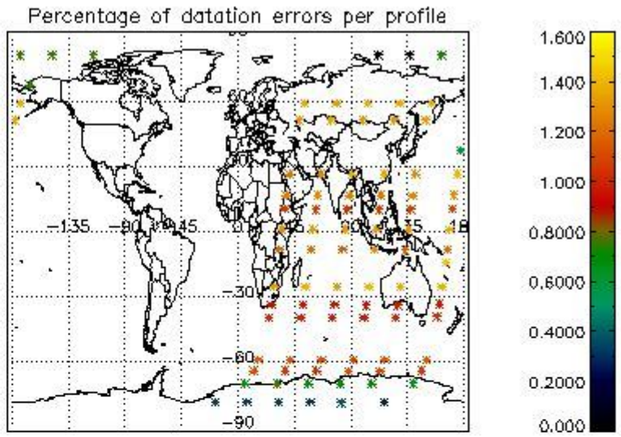
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

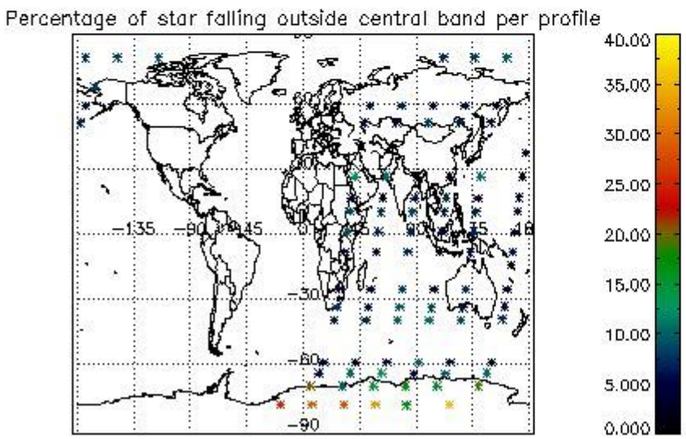


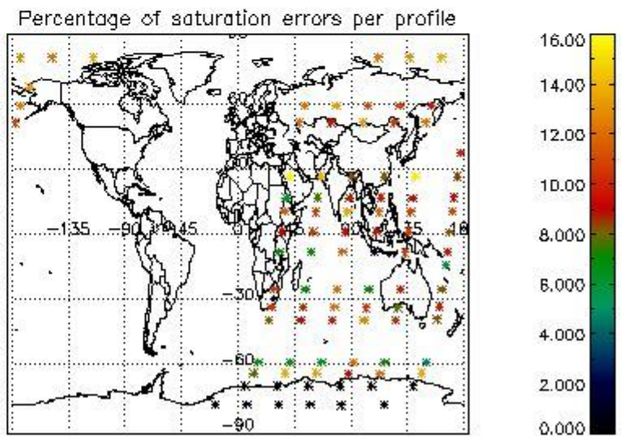


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

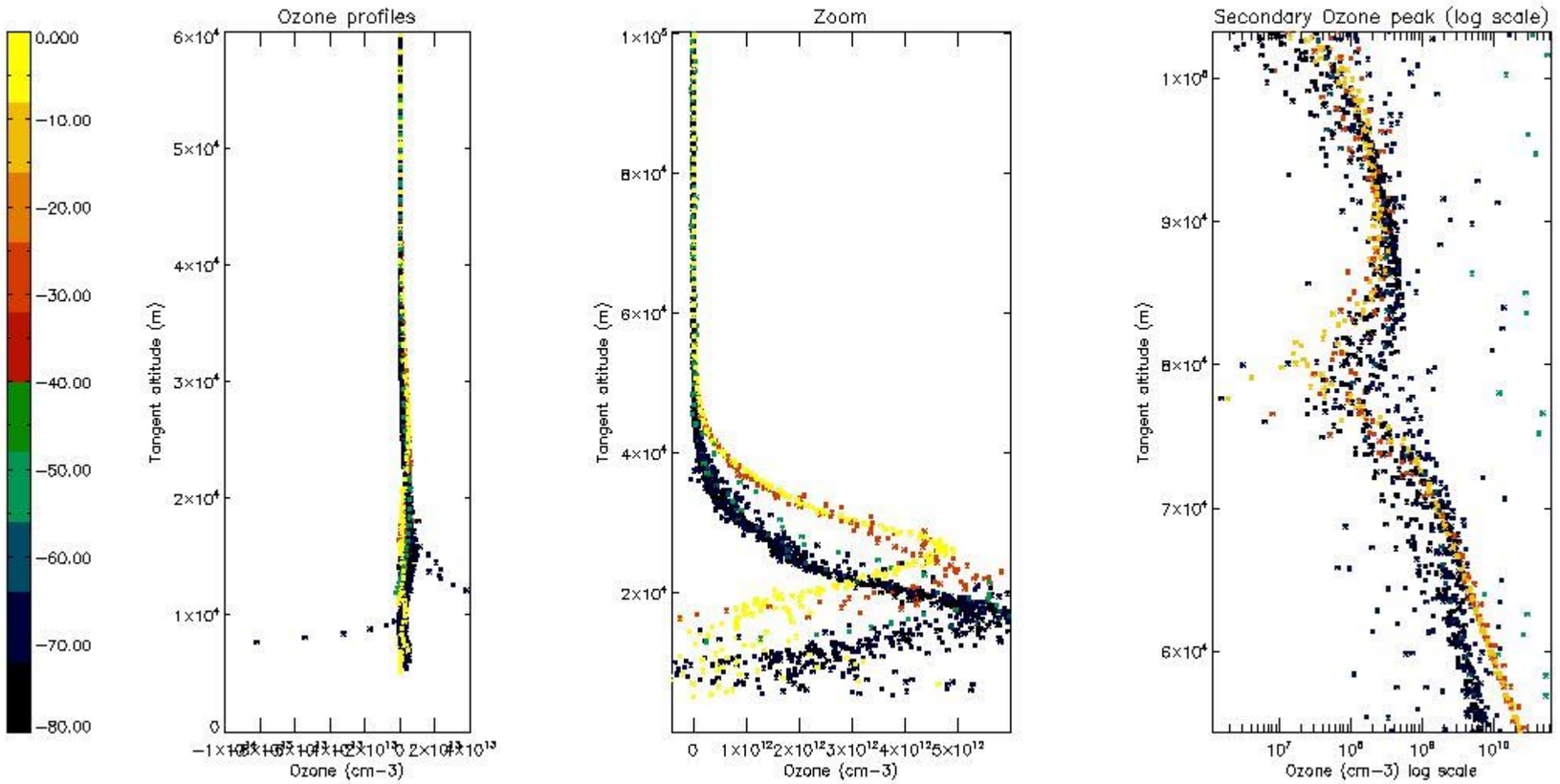
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	20
STD < 20	12

STD < 10	10
STD < 5	7

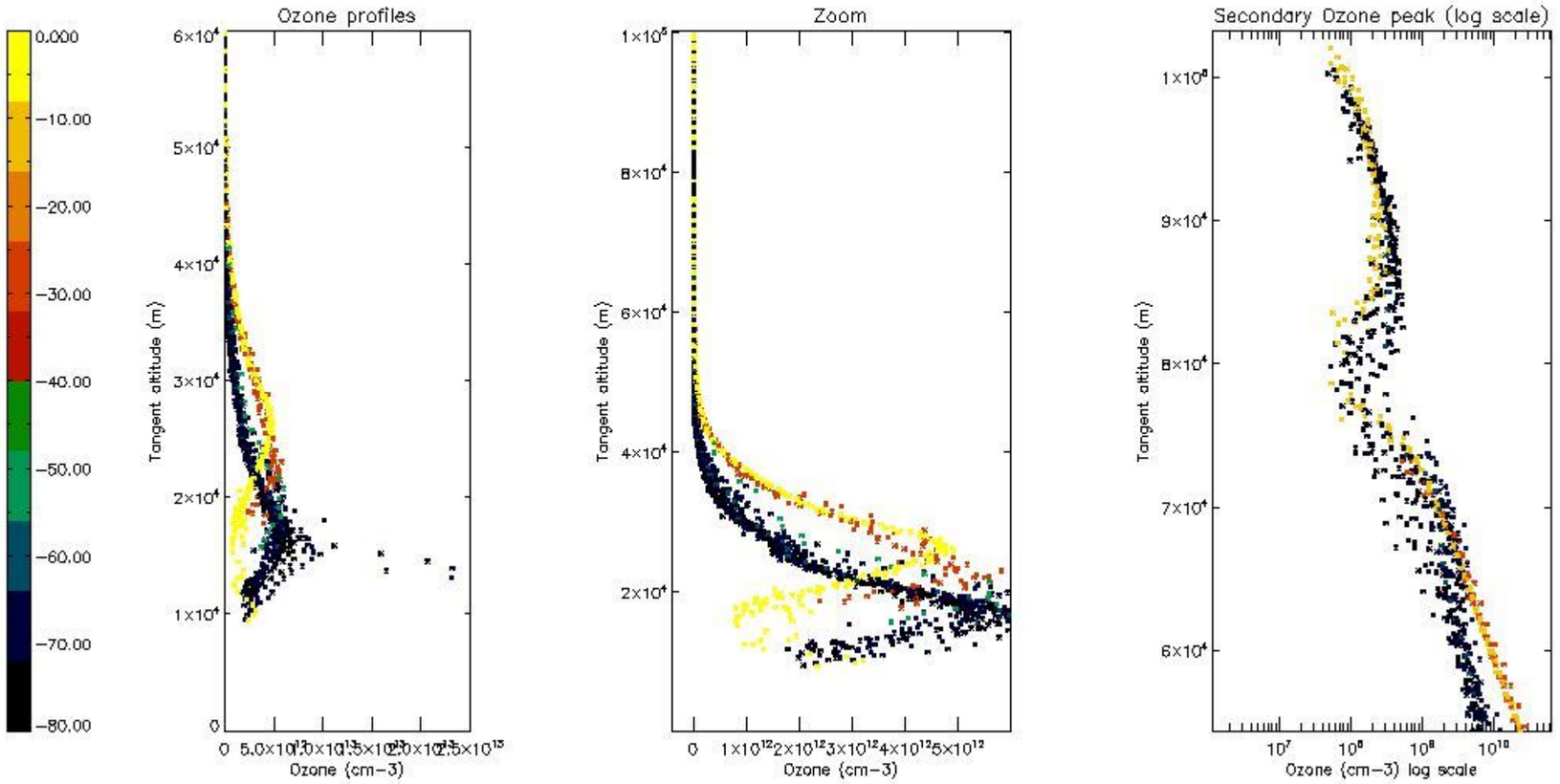
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



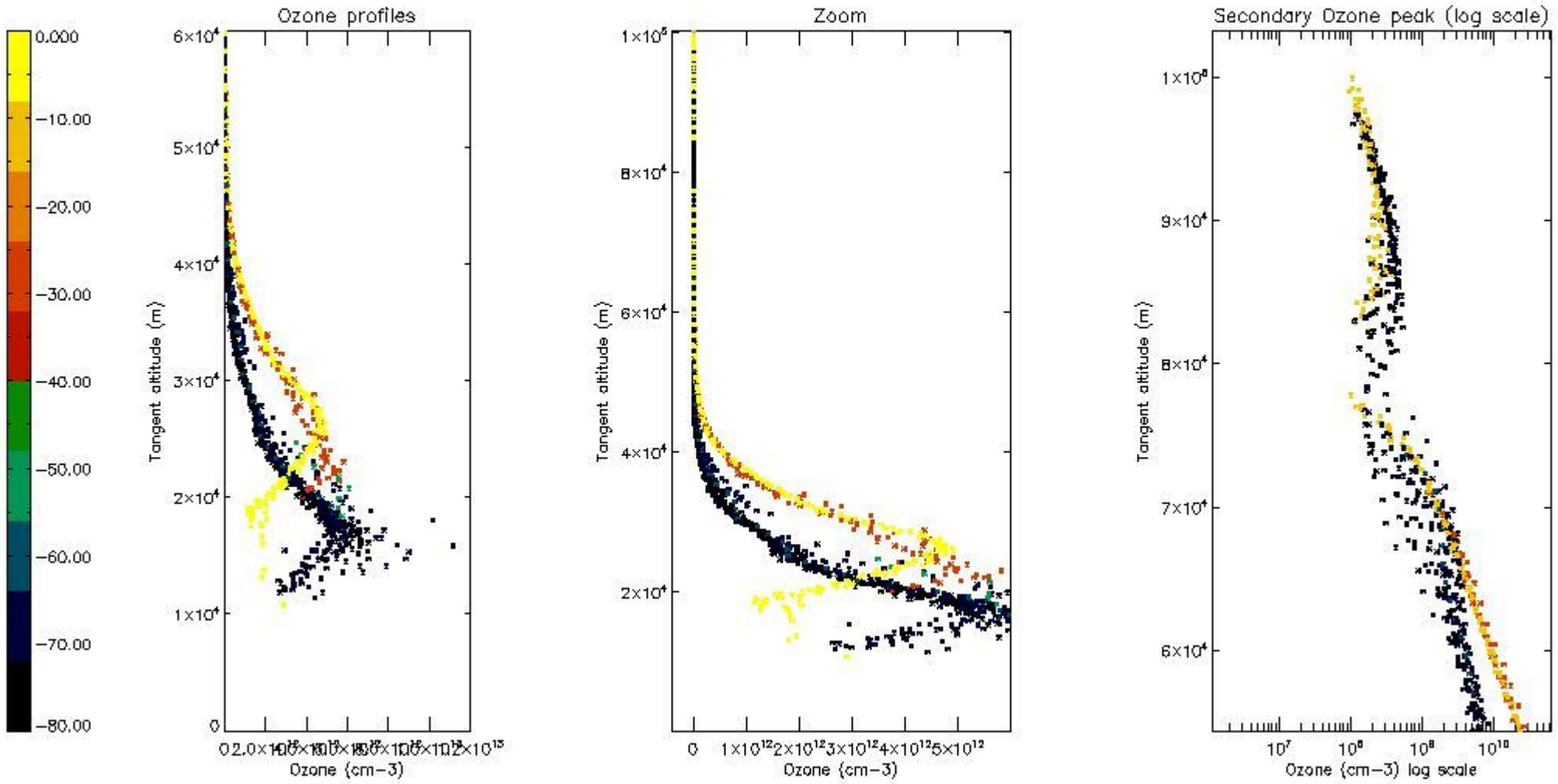
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



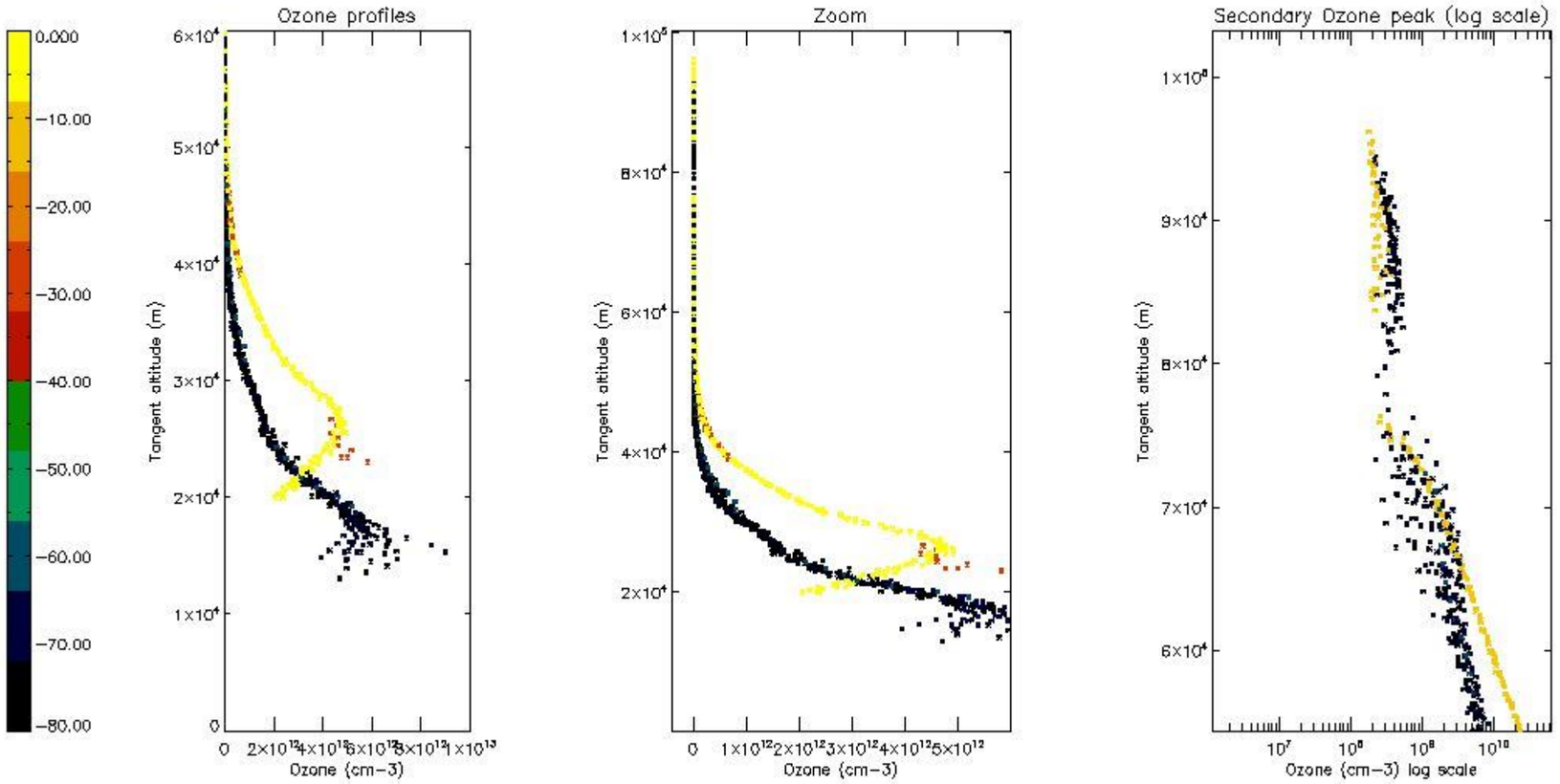
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



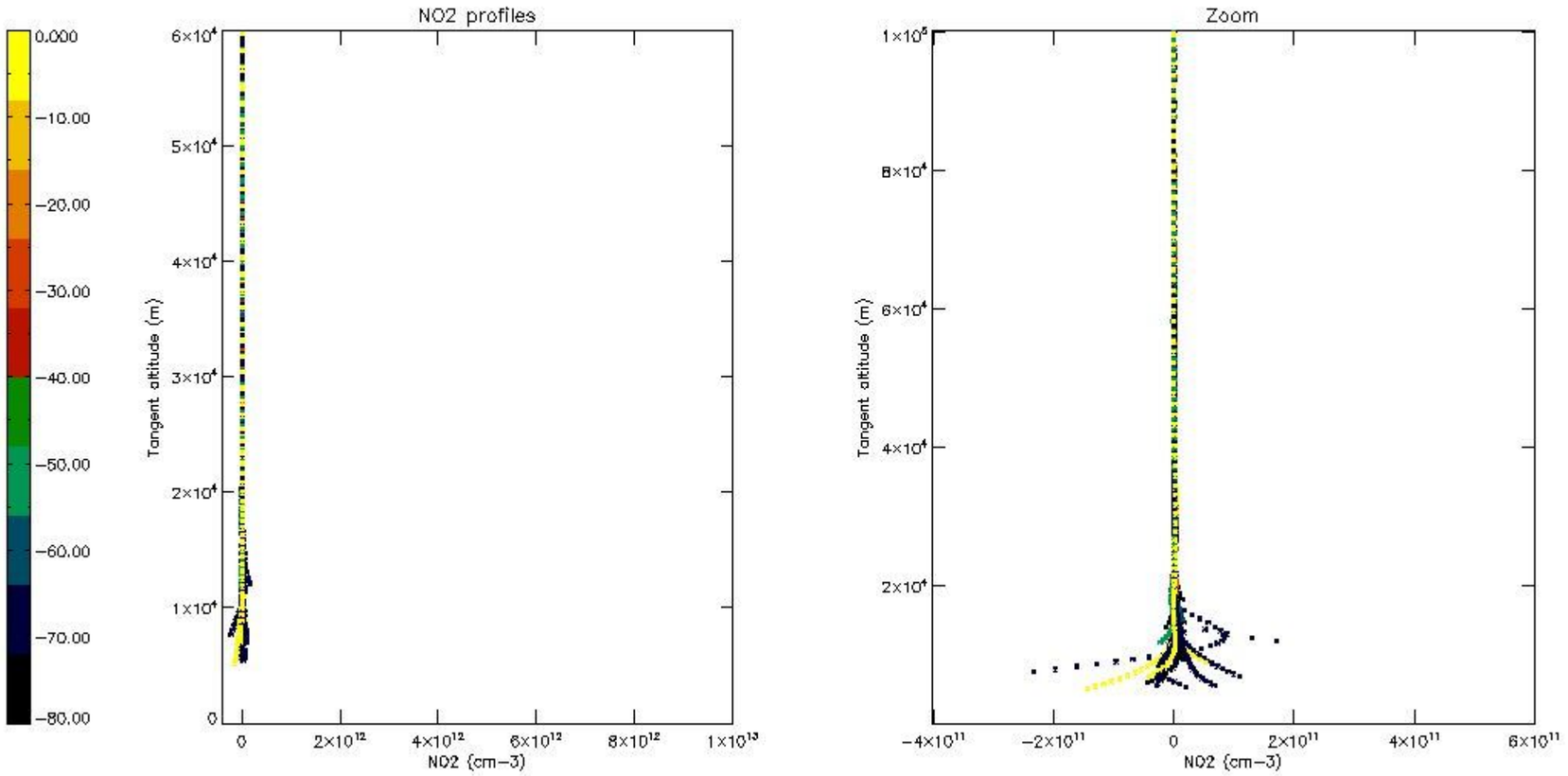
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



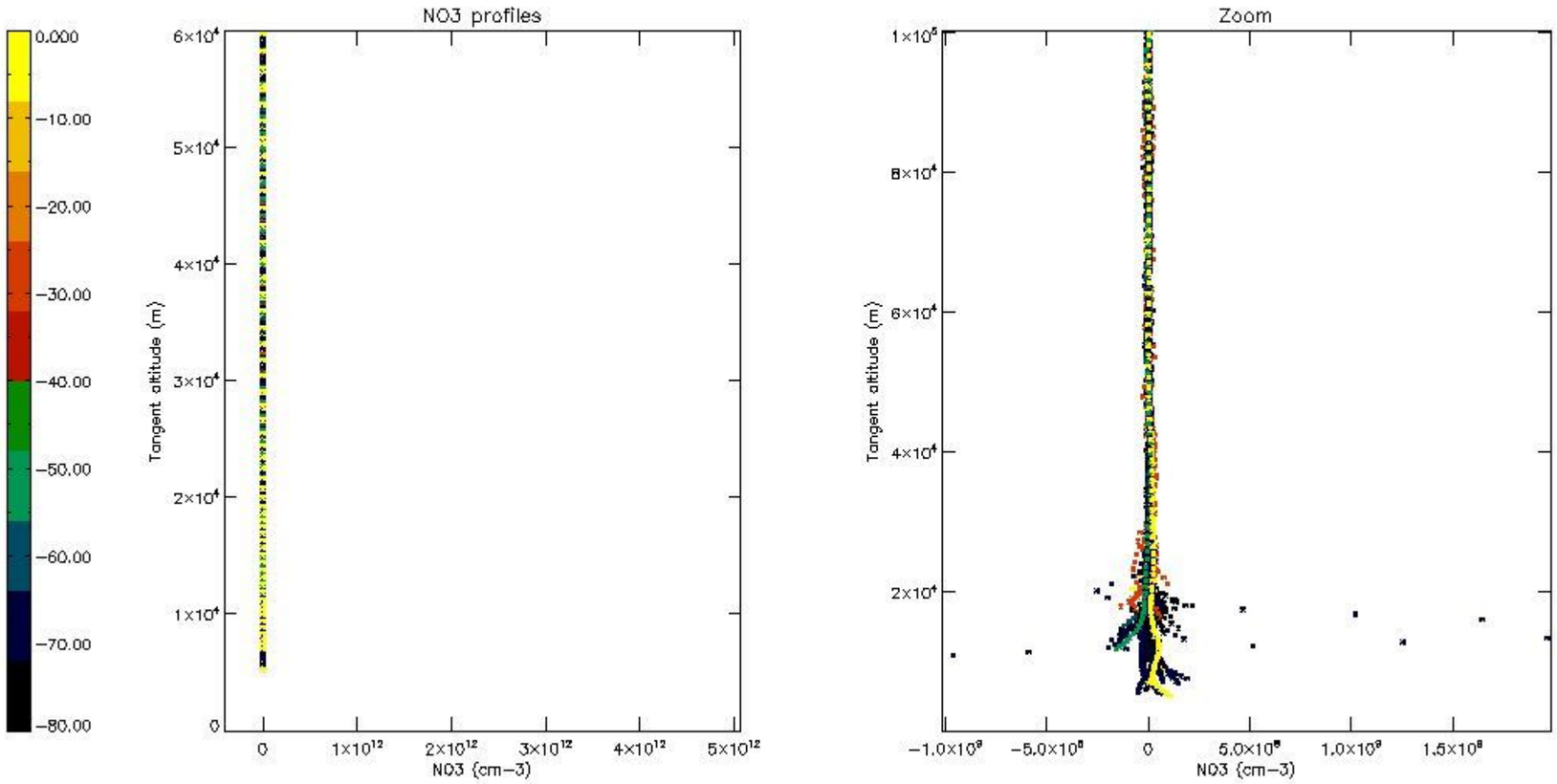
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



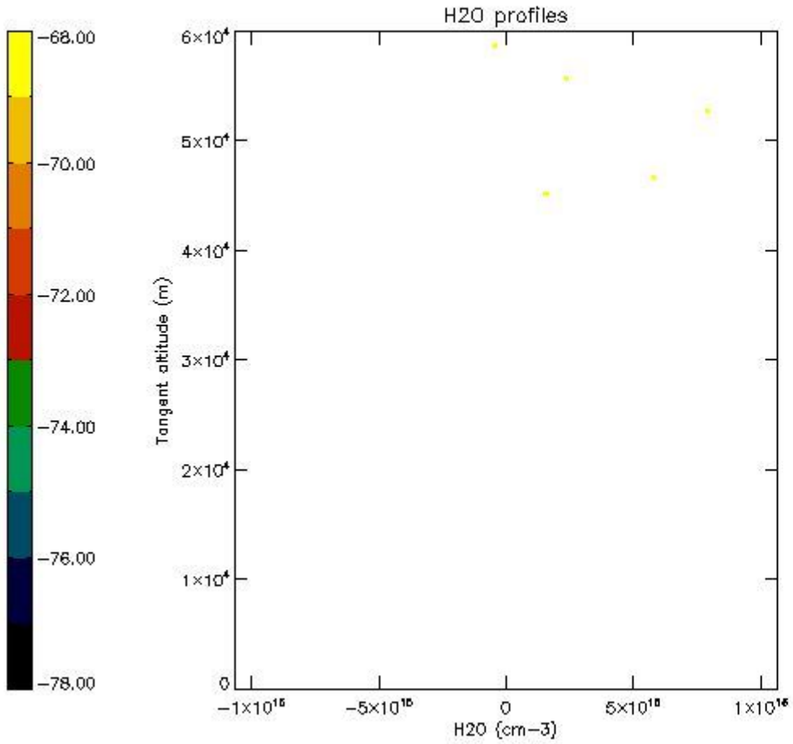
5.7 Plot NO3 profiles for all STD (dark without errors)

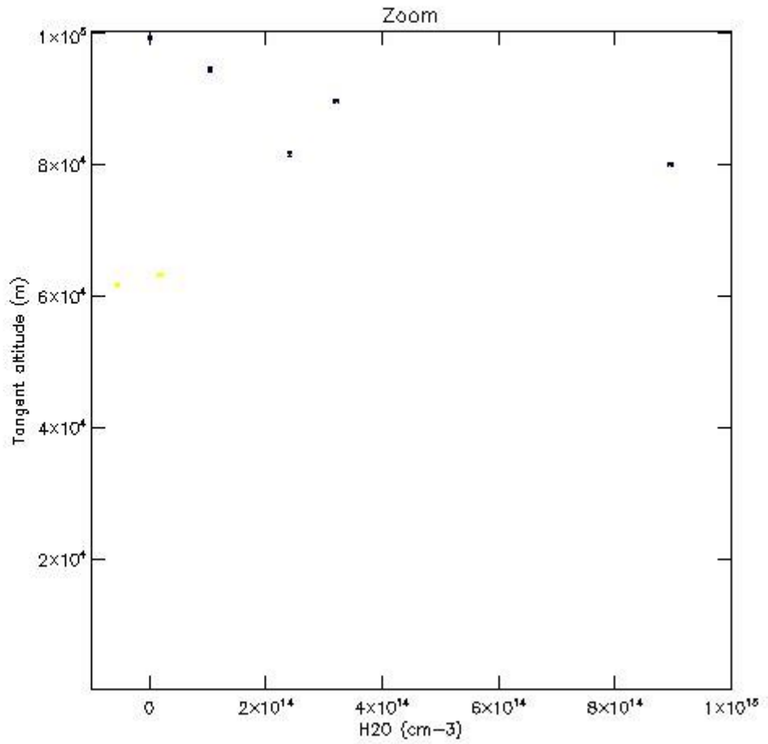
The colorbar represents the latitude.



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	23-JUL-2003 00:12:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-JUL-2003 00:12:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-JUL-2003 00:12:35

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	19APR2013 17:06:44
Data source version	GOMOS/6.01
Start time of products	23-07-2003 (23JUL2003 00:00:00)
Stop time of products	24-07-2003 (24JUL2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	186
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__2PRFIN20030723_001235_000000422018_00217_07285_7026.N1	23-JUL-2003 00:12:35	Dark	41.500	9	Alp Eri	0.45300	24000.	83	7285	No
2	GOM_NL__2PRFIN20030723_001621_000000542018_00217_07285_7027.N1	23-JUL-2003 00:16:21	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	7285	No
3	GOM_NL__2PRFIN20030723_001955_000000422018_00217_07285_7028.N1	23-JUL-2003 00:19:55	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	7285	No
4	GOM_NL__2PRFIN20030723_002135_000000622018_00217_07285_7029.N1	23-JUL-2003 00:21:35	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	7285	No
5	GOM_NL__2PRFIN20030723_002301_000000492018_00217_07285_7030.N1	23-JUL-2003 00:23:01	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	7285	No
6	GOM_NL__2PRFIN20030723_002555_000000872018_00217_07285_7031.N1	23-JUL-2003 00:25:55	Straylight	86.500	18	24Alp PsA	1.1660	9700.0	173	7285	No
7	GOM_NL__2PRFIN20030723_003119_000000402018_00217_07285_7032.N1	23-JUL-2003 00:31:19	Bright	39.500	38	20Eps Sgr	1.8360	11000.	79	7285	No
8	GOM_NL__2PRFIN20030723_003313_000000382018_00217_07285_7033.N1	23-JUL-2003 00:33:13	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	7285	No
9	GOM_NL__2PRFIN20030723_003456_000000672018_00217_07285_7034.N1	23-JUL-2003 00:34:56	Bright	66.500	142	49Del Cap	2.8500	8900.0	133	7285	No
10	GOM_NL__2PRFIN20030723_004231_000000362018_00217_07285_7035.N1	23-JUL-2003 00:42:31	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	7285	No
11	GOM_NL__2PRFIN20030723_004446_000000382018_00217_07285_7036.N1	23-JUL-2003 00:44:46	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	7285	No
12	GOM_NL__2PRFIN20030723_005150_000000392018_00217_07285_7037.N1	23-JUL-2003 00:51:50	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	7285	No
13	GOM_NL__2PRFIN20030723_005434_000000402018_00217_07285_7038.N1	23-JUL-2003 00:54:34	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	7285	No
14	GOM_NL__2PRFIN20030723_005624_000000472018_00217_07285_7039.N1	23-JUL-2003 00:56:24	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	7285	No
15	GOM_NL__2PRFIN20030723_005857_000000382018_00217_07285_7040.N1	23-JUL-2003 00:58:57	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	7285	No
16	GOM_NL__2PRFIN20030723_010136_000000432018_00217_07285_7041.N1	23-JUL-2003 01:01:36	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	7285	No
17	GOM_NL__2PRFIN20030723_010623_000000372018_00217_07285_7042.N1	23-JUL-2003 01:06:23	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	7285	No
18	GOM_NL__2PRFIN20030723_010846_000000512018_00217_07285_7043.N1	23-JUL-2003 01:08:46	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	7285	No
19	GOM_NL__2PRFIN20030723_011024_000000502018_00217_07285_7044.N1	23-JUL-2003 01:10:24	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	7285	No
20	GOM_NL__2PRFIN20030723_011600_000000442018_00217_07285_7045.N1	23-JUL-2003 01:16:00	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	7285	No
21	GOM_NL__2PRFIN20030723_011728_000000462018_00217_07285_7046.N1	23-JUL-2003 01:17:28	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	7285	No
22	GOM_NL__2PRFIN20030723_011913_000000712018_00217_07285_7047.N1	23-JUL-2003 01:19:13	Bright	71.000	73	57Gam1And	2.2600	13100.	142	7285	No
23	GOM_NL__2PRFIN20030723_012213_000001342018_00217_07285_7048.N1	23-JUL-2003 01:22:13	Straylight	134.00	53	43Bet And	2.0480	3300.0	268	7285	No
24	GOM_NL__2PRFIN20030723_012629_000000492018_00217_07285_7049.N1	23-JUL-2003 01:26:29	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	7285	No
25	GOM_NL__2PRFIN20030723_012804_000000542018_00217_07285_7050.N1	23-JUL-2003 01:28:04	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	7285	No
26	GOM_NL__2PRFIN20030723_013010_000000412018_00217_07285_7051.N1	23-JUL-2003 01:30:10	Dark	41.000	27	24Gam Ori	1.6360	26000.	82	7285	No
27	GOM_NL__2PRFIN20030723_013206_000000382018_00217_07285_7052.N1	23-JUL-2003 01:32:06	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	7285	No
28	GOM_NL__2PRFIN20030723_013423_000000402018_00217_07285_7053.N1	23-JUL-2003 01:34:23	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	7285	No
29	GOM_NL__2PRFIN20030723_013643_000000432018_00217_07285_7054.N1	23-JUL-2003 01:36:43	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	7285	No
30	GOM_NL__2PRFIN20030723_014713_000000462018_00217_07285_7055.N1	23-JUL-2003 01:47:13	Dark	45.500	157	The1Eri	2.9060	9300.0	91	7285	No
31	GOM_NL__2PRFIN20030723_015311_000000462018_00218_07286_7024.N1	23-JUL-2003 01:53:11	Dark	45.500	9	Alp Eri	0.45300	24000.	91	7286	No
32	GOM_NL__2PRFIN20030723_015658_000000692018_00218_07286_7025.N1	23-JUL-2003 01:56:58	Straylight	68.500	84	Alp Phe	2.3970	4500.0	137	7286	No
33	GOM_NL__2PRFIN20030723_020031_000000412018_00218_07286_7026.N1	23-JUL-2003 02:00:31	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	7286	No
34	GOM_NL__2PRFIN20030723_020211_000000652018_00218_07286_7027.N1	23-JUL-2003 02:02:11	Straylight	65.000	63	Bet Gru	2.1500	2800.0	130	7286	No
35	GOM_NL__2PRFIN20030723_020337_000000532018_00218_07286_7028.N1	23-JUL-2003 02:03:37	Straylight	52.500	31	Alp Gru	1.7340	15200.	105	7286	No
36	GOM_NL__2PRFIN20030723_020633_000000822018_00218_07286_7029.N1	23-JUL-2003 02:06:33	Straylight	81.500	18	24Alp PsA	1.1660	9700.0	163	7286	No
37	GOM_NL__2PRFIN20030723_021154_000000422018_00218_07286_7030.N1	23-JUL-2003 02:11:54	Bright	42.000	38	20Eps Sgr	1.8360	11000.	84	7286	No
38	GOM_NL__2PRFIN20030723_021349_000000402018_00218_07286_7031.N1	23-JUL-2003 02:13:49	Bright	40.000	57	34Sig Sgr	2.0660	26000.	80	7286	No
39	GOM_NL__2PRFIN20030723_021532_000000672018_00218_07286_7032.N1	23-JUL-2003 02:15:32	Bright	67.000	142	49Del Cap	2.8500	8900.0	134	7286	No
40	GOM_NL__2PRFIN20030723_022307_000000372018_00218_07286_7033.N1	23-JUL-2003 02:23:07	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	7286	No
41	GOM_NL__2PRFIN20030723_022521_000000382018_00218_07286_7034.N1	23-JUL-2003 02:25:21	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	7286	No
42	GOM_NL__2PRFIN20030723_023225_000000372018_00218_07286_7035.N1	23-JUL-2003 02:32:25	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	7286	No

43	GOM_NL__2PRFIN20030723_023509_000000412018_00218_07286_7036.N1	23-JUL-2003 02:35:09	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	7286	No
44	GOM_NL__2PRFIN20030723_023659_000000472018_00218_07286_7037.N1	23-JUL-2003 02:36:59	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	7286	No
45	GOM_NL__2PRFIN20030723_023932_000000382018_00218_07286_7038.N1	23-JUL-2003 02:39:32	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	7286	No
46	GOM_NL__2PRFIN20030723_024211_000000392018_00218_07286_7039.N1	23-JUL-2003 02:42:11	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	7286	No
47	GOM_NL__2PRFIN20030723_024658_000000362018_00218_07286_7040.N1	23-JUL-2003 02:46:58	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	7286	No
48	GOM_NL__2PRFIN20030723_024921_000000532018_00218_07286_7041.N1	23-JUL-2003 02:49:21	Bright	53.000	74	11Bet Cas	2.2680	6600.0	106	7286	No
49	GOM_NL__2PRFIN20030723_025059_000000522018_00218_07286_7042.N1	23-JUL-2003 02:50:59	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	7286	No
50	GOM_NL__2PRFIN20030723_025635_000000462018_00218_07286_7043.N1	23-JUL-2003 02:56:35	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	7286	No
51	GOM_NL__2PRFIN20030723_025803_000000452018_00218_07286_7044.N1	23-JUL-2003 02:58:03	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	7286	No
52	GOM_NL__2PRFIN20030723_025949_000000722018_00218_07286_7045.N1	23-JUL-2003 02:59:49	Bright	72.000	73	57Gam1And	2.2600	13100.	144	7286	No
53	GOM_NL__2PRFIN20030723_030249_000001672018_00218_07286_7046.N1	23-JUL-2003 03:02:49	Straylight	166.50	53	43Bet And	2.0480	3300.0	333	7286	No
54	GOM_NL__2PRFIN20030723_030705_000000522018_00218_07286_7047.N1	23-JUL-2003 03:07:05	Twilight	52.000	146	25Eta Tau	2.8730	15200.	104	7286	No
55	GOM_NL__2PRFIN20030723_030840_000000542018_00218_07286_7048.N1	23-JUL-2003 03:08:40	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	7286	No
56	GOM_NL__2PRFIN20030723_031046_000000392018_00218_07286_7049.N1	23-JUL-2003 03:10:46	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	7286	No
57	GOM_NL__2PRFIN20030723_031242_000000382018_00218_07286_7050.N1	23-JUL-2003 03:12:42	Dark	38.000	30	46Eps Ori	1.6940	30000.	76	7286	No
58	GOM_NL__2PRFIN20030723_031459_000000452018_00218_07286_7051.N1	23-JUL-2003 03:14:59	Dark	45.000	7	19Bet Ori	0.10000	14000.	90	7286	No
59	GOM_NL__2PRFIN20030723_031719_000000422018_00218_07286_7052.N1	23-JUL-2003 03:17:19	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	7286	No
60	GOM_NL__2PRFIN20030723_032750_000000432018_00218_07286_7053.N1	23-JUL-2003 03:27:50	Dark	43.000	157	The1Eri	2.9060	9300.0	86	7286	No
61	GOM_NL__2PRFIN20030723_033348_000000522018_00219_07287_6384.N1	23-JUL-2003 03:33:48	Dark	51.500	9	Alp Eri	0.45300	24000.	103	7287	No
62	GOM_NL__2PRFIN20030723_033734_000000602018_00219_07287_6385.N1	23-JUL-2003 03:37:34	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	7287	No
63	GOM_NL__2PRFIN20030723_034107_000000412018_00219_07287_6386.N1	23-JUL-2003 03:41:07	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	7287	No
64	GOM_NL__2PRFIN20030723_034248_000000552018_00219_07287_6387.N1	23-JUL-2003 03:42:48	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	7287	No
65	GOM_NL__2PRFIN20030723_034413_000000492018_00219_07287_6388.N1	23-JUL-2003 03:44:13	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	7287	No
66	GOM_NL__2PRFIN20030723_034709_000000822018_00219_07287_6389.N1	23-JUL-2003 03:47:09	Straylight	82.000	18	24Alp PsA	1.1660	9700.0	164	7287	No
67	GOM_NL__2PRFIN20030723_035231_000000432018_00219_07287_6390.N1	23-JUL-2003 03:52:31	Bright	42.500	38	20Eps Sgr	1.8360	11000.	85	7287	No
68	GOM_NL__2PRFIN20030723_035425_000000382018_00219_07287_6391.N1	23-JUL-2003 03:54:25	Bright	38.000	57	34Sig Sgr	2.0660	26000.	76	7287	No
69	GOM_NL__2PRFIN20030723_035608_000000692018_00219_07287_6392.N1	23-JUL-2003 03:56:08	Bright	68.500	142	49Del Cap	2.8500	8900.0	137	7287	No
70	GOM_NL__2PRFIN20030723_040344_000000372018_00219_07287_6393.N1	23-JUL-2003 04:03:44	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	7287	No
71	GOM_NL__2PRFIN20030723_040558_000000382018_00219_07287_6394.N1	23-JUL-2003 04:05:58	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	7287	No
72	GOM_NL__2PRFIN20030723_041301_000000362018_00219_07287_6395.N1	23-JUL-2003 04:13:01	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	7287	No
73	GOM_NL__2PRFIN20030723_041545_000000402018_00219_07287_6396.N1	23-JUL-2003 04:15:45	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	7287	No
74	GOM_NL__2PRFIN20030723_041735_000000482018_00219_07287_6397.N1	23-JUL-2003 04:17:35	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	7287	No
75	GOM_NL__2PRFIN20030723_042009_000000382018_00219_07287_6398.N1	23-JUL-2003 04:20:09	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	7287	No
76	GOM_NL__2PRFIN20030723_042246_000000442018_00219_07287_6399.N1	23-JUL-2003 04:22:46	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	7287	No
77	GOM_NL__2PRFIN20030723_042734_000000382018_00219_07287_6400.N1	23-JUL-2003 04:27:34	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	7287	No
78	GOM_NL__2PRFIN20030723_042955_000000542018_00219_07287_6401.N1	23-JUL-2003 04:29:55	Bright	54.000	74	11Bet Cas	2.2680	6600.0	108	7287	No
79	GOM_NL__2PRFIN20030723_043134_000000512018_00219_07287_6402.N1	23-JUL-2003 04:31:34	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	7287	No
80	GOM_NL__2PRFIN20030723_043711_000000452018_00219_07287_6403.N1	23-JUL-2003 04:37:11	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	7287	No
81	GOM_NL__2PRFIN20030723_043838_000000492018_00219_07287_6404.N1	23-JUL-2003 04:38:38	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	7287	No
82	GOM_NL__2PRFIN20030723_044025_000000702018_00219_07287_6405.N1	23-JUL-2003 04:40:25	Bright	70.000	73	57Gam1And	2.2600	13100.	140	7287	No
83	GOM_NL__2PRFIN20030723_044325_000001562018_00219_07287_6406.N1	23-JUL-2003 04:43:25	Straylight	155.50	53	43Bet And	2.0480	3300.0	311	7287	No
84	GOM_NL__2PRFIN20030723_044741_000000512018_00219_07287_6407.N1	23-JUL-2003 04:47:41	Twilight	51.000	146	25Eta Tau	2.8730	15200.	102	7287	No
85	GOM_NL__2PRFIN20030723_044916_000000572018_00219_07287_6408.N1	23-JUL-2003 04:49:16	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	7287	No
86	GOM_NL__2PRFIN20030723_045122_000000392018_00219_07287_6409.N1	23-JUL-2003 04:51:22	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	7287	No
87	GOM_NL__2PRFIN20030723_045318_000000392018_00219_07287_6410.N1	23-JUL-2003 04:53:18	Dark	39.000	30	46Eps Ori	1.6940	30000.	78	7287	No
88	GOM_NL__2PRFIN20030723_045534_000000482018_00219_07287_6411.N1	23-JUL-2003 04:55:34	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	7287	No
89	GOM_NL__2PRFIN20030723_045755_000000432018_00219_07287_6412.N1	23-JUL-2003 04:57:55	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	7287	No
90	GOM_NL__2PRFIN20030723_050826_000000462018_00219_07287_6413.N1	23-JUL-2003 05:08:26	Dark	45.500	157	The1Eri	2.9060	9300.0	91	7287	No
91	GOM_NL__2PRFIN20030723_051425_000000452018_00220_07288_6895.N1	23-JUL-2003 05:14:25	Dark	44.500	9	Alp Eri	0.45300	24000.	89	7288	No
92	GOM_NL__2PRFIN20030723_051812_000000602018_00220_07288_6896.N1	23-JUL-2003 05:18:12	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	7288	No
93	GOM_NL__2PRFIN20030723_052144_000000432018_00220_07288_6897.N1	23-JUL-2003 05:21:44	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	7288	No
94	GOM_NL__2PRFIN20030723_052325_000000622018_00220_07288_6898.N1	23-JUL-2003 05:23:25	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	7288	No
95	GOM_NL__2PRFIN20030723_052450_000000492018_00220_07288_6899.N1	23-JUL-2003 05:24:50	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	7288	No
96	GOM_NL__2PRFIN20030723_052746_000000832018_00220_07288_6900.N1	23-JUL-2003 05:27:46	Straylight	82.500	18	24Alp PsA	1.1660	9700.0	165	7288	No
97	GOM_NL__2PRFIN20030723_053307_000000392018_00220_07288_6901.N1	23-JUL-2003 05:33:07	Bright	39.000	38	20Eps Sgr	1.8360	11000.	78	7288	No
98	GOM_NL__2PRFIN20030723_053502_000000402018_00220_07288_6902.N1	23-JUL-2003 05:35:02	Bright	39.500	57	34Sig Sgr	2.0660	26000.	79	7288	No
99	GOM_NL__2PRFIN20030723_053645_000000662018_00220_07288_6903.N1	23-JUL-2003 05:36:45	Bright	66.000	142	49Del Cap	2.8500	8900.0	132	7288	No
100	GOM_NL__2PRFIN20030723_054420_000000382018_00220_07288_6904.N1	23-JUL-2003 05:44:20	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	7288	No
101	GOM_NL__2PRFIN20030723_054633_000000372018_00220_07288_6905.N1	23-JUL-2003 05:46:33	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	7288	No

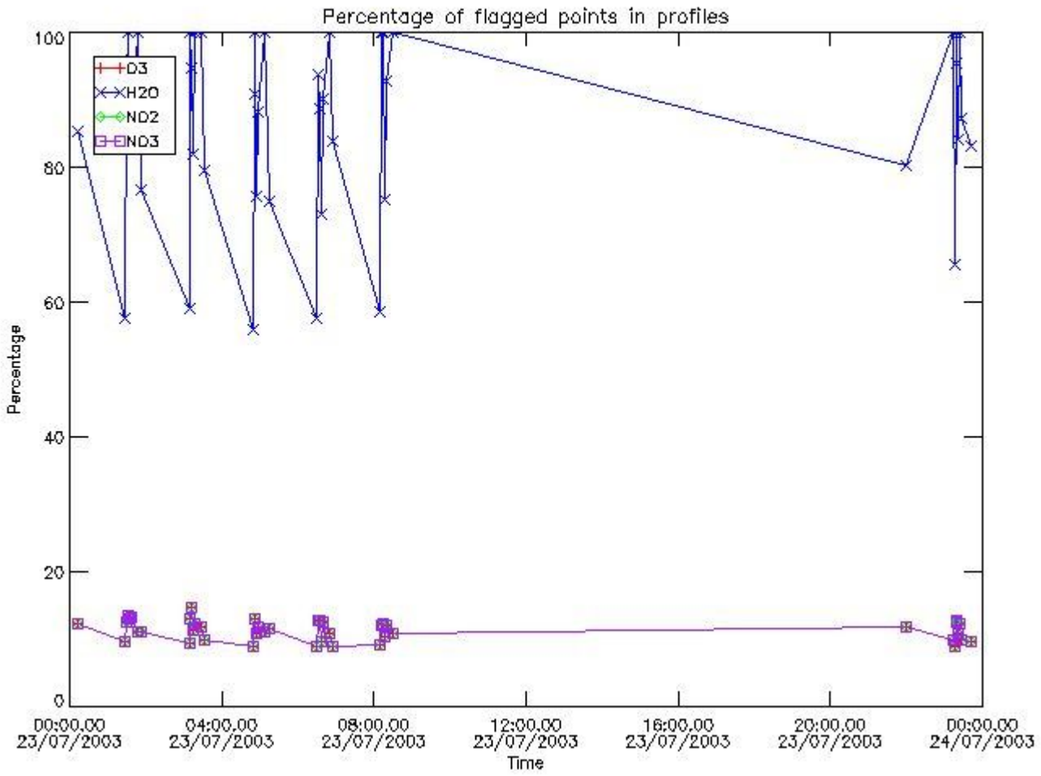
102	GOM_NL__2PRFIN20030723_055337_000000402018_00220_07288_6906.N1	23-JUL-2003 05:53:37	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	7288	No
103	GOM_NL__2PRFIN20030723_055621_000000392018_00220_07288_6907.N1	23-JUL-2003 05:56:21	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	7288	No
104	GOM_NL__2PRFIN20030723_055810_000000472018_00220_07288_6908.N1	23-JUL-2003 05:58:10	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	7288	No
105	GOM_NL__2PRFIN20030723_060045_000000382018_00220_07288_6909.N1	23-JUL-2003 06:00:45	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	7288	No
106	GOM_NL__2PRFIN20030723_060322_000000422018_00220_07288_6910.N1	23-JUL-2003 06:03:22	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	7288	No
107	GOM_NL__2PRFIN20030723_060810_000000362018_00220_07288_6911.N1	23-JUL-2003 06:08:10	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	7288	No
108	GOM_NL__2PRFIN20030723_061030_000000532018_00220_07288_6912.N1	23-JUL-2003 06:10:30	Bright	52.500	74	11Bet Cas	2.2680	6600.0	105	7288	No
109	GOM_NL__2PRFIN20030723_061209_000000512018_00220_07288_6913.N1	23-JUL-2003 06:12:09	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	7288	No
110	GOM_NL__2PRFIN20030723_061747_000000442018_00220_07288_6914.N1	23-JUL-2003 06:17:47	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	7288	No
111	GOM_NL__2PRFIN20030723_061915_000000482018_00220_07288_6915.N1	23-JUL-2003 06:19:15	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	7288	No
112	GOM_NL__2PRFIN20030723_062101_000000662018_00220_07288_6916.N1	23-JUL-2003 06:21:01	Bright	66.000	73	57Gam1And	2.2600	13100.	132	7288	No
113	GOM_NL__2PRFIN20030723_062400_000001592018_00220_07288_6917.N1	23-JUL-2003 06:24:00	Straylight	159.00	53	43Bet And	2.0480	3300.0	318	7288	No
114	GOM_NL__2PRFIN20030723_062817_000000512018_00220_07288_6918.N1	23-JUL-2003 06:28:17	Twilight	51.000	146	25Eta Tau	2.8730	15200.	102	7288	No
115	GOM_NL__2PRFIN20030723_062952_000000572018_00220_07288_6919.N1	23-JUL-2003 06:29:52	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	7288	No
116	GOM_NL__2PRFIN20030723_063158_000000402018_00220_07288_6920.N1	23-JUL-2003 06:31:58	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	7288	No
117	GOM_NL__2PRFIN20030723_063354_000000402018_00220_07288_6921.N1	23-JUL-2003 06:33:54	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	7288	No
118	GOM_NL__2PRFIN20030723_063610_000000532018_00220_07288_6922.N1	23-JUL-2003 06:36:10	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	7288	No
119	GOM_NL__2PRFIN20030723_063831_000000412018_00220_07288_6923.N1	23-JUL-2003 06:38:31	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	7288	No
120	GOM_NL__2PRFIN20030723_064903_000000472018_00220_07288_6924.N1	23-JUL-2003 06:49:03	Dark	47.000	157	The1Eri	2.9060	9300.0	94	7288	No
121	GOM_NL__2PRFIN20030723_065501_000000572018_00221_07289_6895.N1	23-JUL-2003 06:55:01	Dark	56.500	9	Alp Eri	0.45300	24000.	113	7289	No
122	GOM_NL__2PRFIN20030723_065849_000000592018_00221_07289_6896.N1	23-JUL-2003 06:58:49	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	7289	No
123	GOM_NL__2PRFIN20030723_070220_000000432018_00221_07289_6897.N1	23-JUL-2003 07:02:20	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	7289	No
124	GOM_NL__2PRFIN20030723_070401_000000652018_00221_07289_6898.N1	23-JUL-2003 07:04:01	Straylight	65.000	63	Bet Gru	2.1500	2800.0	130	7289	No
125	GOM_NL__2PRFIN20030723_070526_000000472018_00221_07289_6899.N1	23-JUL-2003 07:05:26	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	7289	No
126	GOM_NL__2PRFIN20030723_070824_000000902018_00221_07289_6900.N1	23-JUL-2003 07:08:24	Twi_and_stray	90.000	18	24Alp PsA	1.1660	9700.0	180	7289	No
127	GOM_NL__2PRFIN20030723_071343_000000432018_00221_07289_6901.N1	23-JUL-2003 07:13:43	Bright	42.500	38	20Eps Sgr	1.8360	11000.	85	7289	No
128	GOM_NL__2PRFIN20030723_071538_000000472018_00221_07289_6902.N1	23-JUL-2003 07:15:38	Bright	46.500	57	34Sig Sgr	2.0660	26000.	93	7289	No
129	GOM_NL__2PRFIN20030723_071721_000000662018_00221_07289_6903.N1	23-JUL-2003 07:17:21	Bright	65.500	142	49Del Cap	2.8500	8900.0	131	7289	No
130	GOM_NL__2PRFIN20030723_072456_000000372018_00221_07289_6904.N1	23-JUL-2003 07:24:56	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	7289	No
131	GOM_NL__2PRFIN20030723_072709_000000382018_00221_07289_6905.N1	23-JUL-2003 07:27:09	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	7289	No
132	GOM_NL__2PRFIN20030723_073413_000000412018_00221_07289_6906.N1	23-JUL-2003 07:34:13	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	7289	No
133	GOM_NL__2PRFIN20030723_073656_000000402018_00221_07289_6907.N1	23-JUL-2003 07:36:56	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	7289	No
134	GOM_NL__2PRFIN20030723_073845_000000482018_00221_07289_6908.N1	23-JUL-2003 07:38:45	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	7289	No
135	GOM_NL__2PRFIN20030723_074121_000000392018_00221_07289_6909.N1	23-JUL-2003 07:41:21	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	7289	No
136	GOM_NL__2PRFIN20030723_074357_000000432018_00221_07289_6910.N1	23-JUL-2003 07:43:57	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	7289	No
137	GOM_NL__2PRFIN20030723_074846_000000382018_00221_07289_6911.N1	23-JUL-2003 07:48:46	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	7289	No
138	GOM_NL__2PRFIN20030723_075106_000000532018_00221_07289_6912.N1	23-JUL-2003 07:51:06	Bright	53.000	74	11Bet Cas	2.2680	6600.0	106	7289	No
139	GOM_NL__2PRFIN20030723_075245_000000502018_00221_07289_6913.N1	23-JUL-2003 07:52:45	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	7289	No
140	GOM_NL__2PRFIN20030723_075823_000000442018_00221_07289_6914.N1	23-JUL-2003 07:58:23	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	7289	No
141	GOM_NL__2PRFIN20030723_075950_000000452018_00221_07289_6915.N1	23-JUL-2003 07:59:50	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	7289	No
142	GOM_NL__2PRFIN20030723_080137_000000752018_00221_07289_6916.N1	23-JUL-2003 08:01:37	Bright	75.000	73	57Gam1And	2.2600	13100.	150	7289	No
143	GOM_NL__2PRFIN20030723_080436_000001522018_00221_07289_6917.N1	23-JUL-2003 08:04:36	Straylight	151.50	53	43Bet And	2.0480	3300.0	303	7289	No
144	GOM_NL__2PRFIN20030723_080854_000000502018_00221_07289_6918.N1	23-JUL-2003 08:08:54	Twilight	50.000	146	25Eta Tau	2.8730	15200.	100	7289	No
145	GOM_NL__2PRFIN20030723_081027_000000562018_00221_07289_6919.N1	23-JUL-2003 08:10:27	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	7289	No
146	GOM_NL__2PRFIN20030723_081233_000000422018_00221_07289_6920.N1	23-JUL-2003 08:12:33	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	7289	No
147	GOM_NL__2PRFIN20030723_081430_000000422018_00221_07289_6921.N1	23-JUL-2003 08:14:30	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	7289	No
148	GOM_NL__2PRFIN20030723_081646_000000492018_00221_07289_6922.N1	23-JUL-2003 08:16:46	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	7289	No
149	GOM_NL__2PRFIN20030723_081907_000000432018_00221_07289_6923.N1	23-JUL-2003 08:19:07	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	7289	No
150	GOM_NL__2PRFIN20030723_082939_000000482018_00221_07289_6924.N1	23-JUL-2003 08:29:39	Dark	47.500	157	The1Eri	2.9060	9300.0	95	7289	No
151	GOM_NL__2PRFIN20030723_220031_000000442018_00230_07298_7175.N1	23-JUL-2003 22:00:31	Dark	43.500	9	Alp Eri	0.45300	24000.	87	7298	No
152	GOM_NL__2PRFIN20030723_220423_000000572018_00230_07298_6424.N1	23-JUL-2003 22:04:23	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	7298	No
153	GOM_NL__2PRFIN20030723_220835_000002192018_00230_07298_6425.N1	23-JUL-2003 22:08:35	Straylight	219.00	52	16Bet Cet	2.0370	4500.0	438	7298	No
154	GOM_NL__2PRFIN20030723_221357_000000752018_00230_07298_6426.N1	23-JUL-2003 22:13:57	Straylight	74.500	18	24Alp PsA	1.1660	9700.0	149	7298	No
155	GOM_NL__2PRFIN20030723_221909_000000432018_00230_07298_6427.N1	23-JUL-2003 22:19:09	Bright	43.000	38	20Eps Sgr	1.8360	11000.	86	7298	No
156	GOM_NL__2PRFIN20030723_222103_000000382018_00230_07298_6428.N1	23-JUL-2003 22:21:03	Bright	37.500	57	34Sig Sgr	2.0660	26000.	75	7298	No
157	GOM_NL__2PRFIN20030723_222244_000000672018_00230_07298_6429.N1	23-JUL-2003 22:22:44	Bright	66.500	142	49Del Cap	2.8500	8900.0	133	7298	No
158	GOM_NL__2PRFIN20030723_222749_000000682018_00230_07298_6430.N1	23-JUL-2003 22:27:49	Bright	67.500	154	22Bet Aqr	2.8990	5700.0	135	7298	No
159	GOM_NL__2PRFIN20030723_223022_000000372018_00230_07298_6431.N1	23-JUL-2003 22:30:22	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	7298	No
160	GOM_NL__2PRFIN20030723_223232_000000372018_00230_07298_6432.N1	23-JUL-2003 22:32:32	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	7298	No

161	GOM_NL__2PRFIN20030723_223631_000000862018_00230_07298_6433.N1	23-JUL-2003 22:36:31	Bright	85.500	61	8Eps Peg	2.1000	3900.0	171	7298	No
162	GOM_NL__2PRFIN20030723_223936_000000362018_00230_07298_6434.N1	23-JUL-2003 22:39:36	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	7298	No
163	GOM_NL__2PRFIN20030723_224217_000000392018_00230_07298_6435.N1	23-JUL-2003 22:42:17	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	7298	No
164	GOM_NL__2PRFIN20030723_224402_000000462018_00230_07298_6436.N1	23-JUL-2003 22:44:02	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	7298	No
165	GOM_NL__2PRFIN20030723_224648_000000372018_00230_07298_6437.N1	23-JUL-2003 22:46:48	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	7298	No
166	GOM_NL__2PRFIN20030723_224916_000000422018_00230_07298_6438.N1	23-JUL-2003 22:49:16	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	7298	No
167	GOM_NL__2PRFIN20030723_225102_000000352018_00230_07298_6439.N1	23-JUL-2003 22:51:02	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	7298	No
168	GOM_NL__2PRFIN20030723_225410_000000362018_00230_07298_6440.N1	23-JUL-2003 22:54:10	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	7298	No
169	GOM_NL__2PRFIN20030723_225623_000000522018_00230_07298_6441.N1	23-JUL-2003 22:56:23	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	7298	No
170	GOM_NL__2PRFIN20030723_225804_000000492018_00230_07298_6442.N1	23-JUL-2003 22:58:04	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	7298	No
171	GOM_NL__2PRFIN20030723_230344_000000432018_00230_07298_6443.N1	23-JUL-2003 23:03:44	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	7298	No
172	GOM_NL__2PRFIN20030723_230513_000000482018_00230_07298_6444.N1	23-JUL-2003 23:05:13	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	7298	No
173	GOM_NL__2PRFIN20030723_230656_000000752018_00230_07298_6445.N1	23-JUL-2003 23:06:56	Bright	74.500	73	57Gam1And	2.2600	13100.	149	7298	No
174	GOM_NL__2PRFIN20030723_230956_000001822018_00230_07298_6446.N1	23-JUL-2003 23:09:56	Straylight	182.00	53	43Bet And	2.0480	3300.0	364	7298	No
175	GOM_NL__2PRFIN20030723_231420_000000522018_00230_07298_6447.N1	23-JUL-2003 23:14:20	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	7298	No
176	GOM_NL__2PRFIN20030723_231555_000000572018_00230_07298_6448.N1	23-JUL-2003 23:15:55	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	7298	No
177	GOM_NL__2PRFIN20030723_231801_000000442018_00230_07298_6449.N1	23-JUL-2003 23:18:01	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	7298	No
178	GOM_NL__2PRFIN20030723_231957_000000412018_00230_07298_6450.N1	23-JUL-2003 23:19:57	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	7298	No
179	GOM_NL__2PRFIN20030723_232214_000000482018_00230_07298_6451.N1	23-JUL-2003 23:22:14	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	7298	No
180	GOM_NL__2PRFIN20030723_232433_000000422018_00230_07298_6452.N1	23-JUL-2003 23:24:33	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	7298	No
181	GOM_NL__2PRFIN20030723_232556_000000512018_00230_07298_6453.N1	23-JUL-2003 23:25:56	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	7298	No
182	GOM_NL__2PRFIN20030723_234108_000000542018_00231_07299_6917.N1	23-JUL-2003 23:41:08	Dark	53.500	9	Alp Eri	0.45300	24000.	107	7299	No
183	GOM_NL__2PRFIN20030723_234500_000000572018_00231_07299_6918.N1	23-JUL-2003 23:45:00	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	7299	No
184	GOM_NL__2PRFIN20030723_234915_000002192018_00231_07299_6919.N1	23-JUL-2003 23:49:15	Straylight	219.00	52	16Bet Cet	2.0370	4500.0	438	7299	No
185	GOM_NL__2PRFIN20030723_235433_000000802018_00231_07299_6920.N1	23-JUL-2003 23:54:33	Straylight	80.000	18	24Alp PsA	1.1660	9700.0	160	7299	No
186	GOM_NL__2PRFIN20030723_235944_000000432018_00231_07299_6921.N1	23-JUL-2003 23:59:44	Bright	43.000	38	20Eps Sgr	1.8360	11000.	86	7299	No

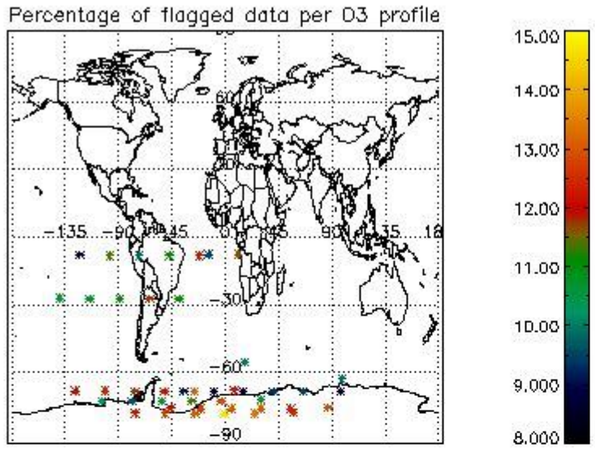
3. Quality information per product

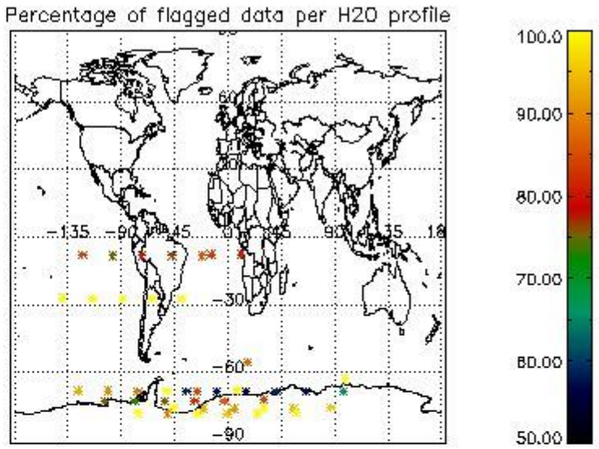
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

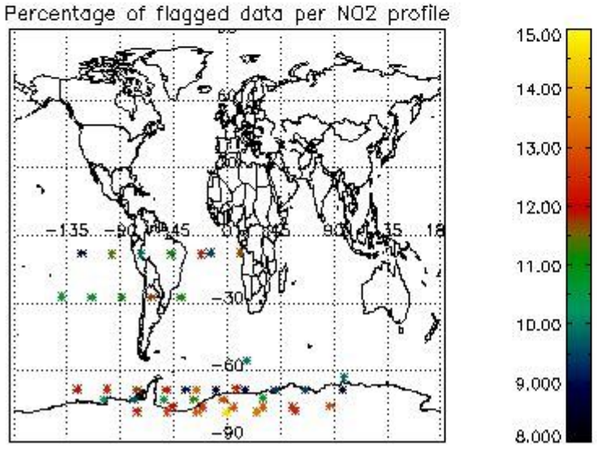
3.1 Plot quality information per product (time dependant)

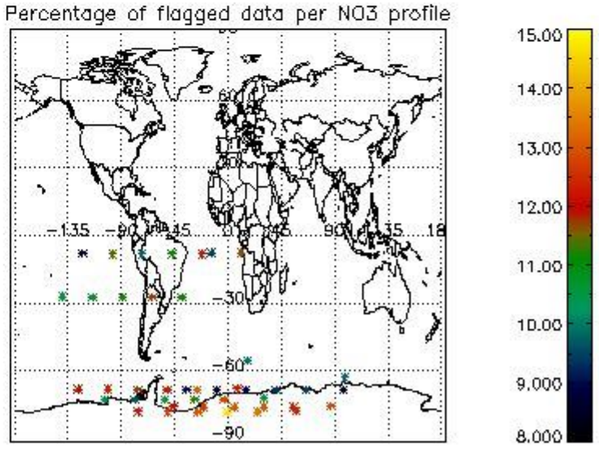


3.2 Plot quality information per product (world map)







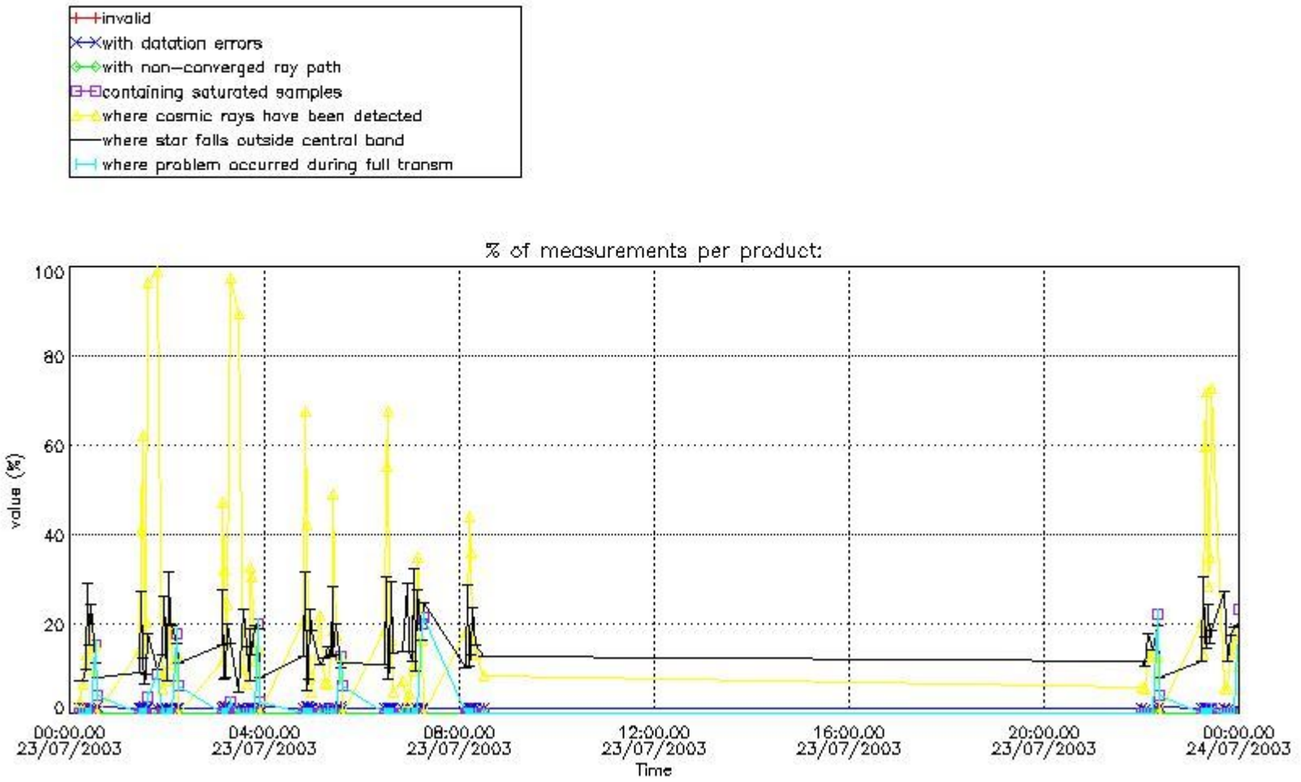


4. Level 1 quality information per product

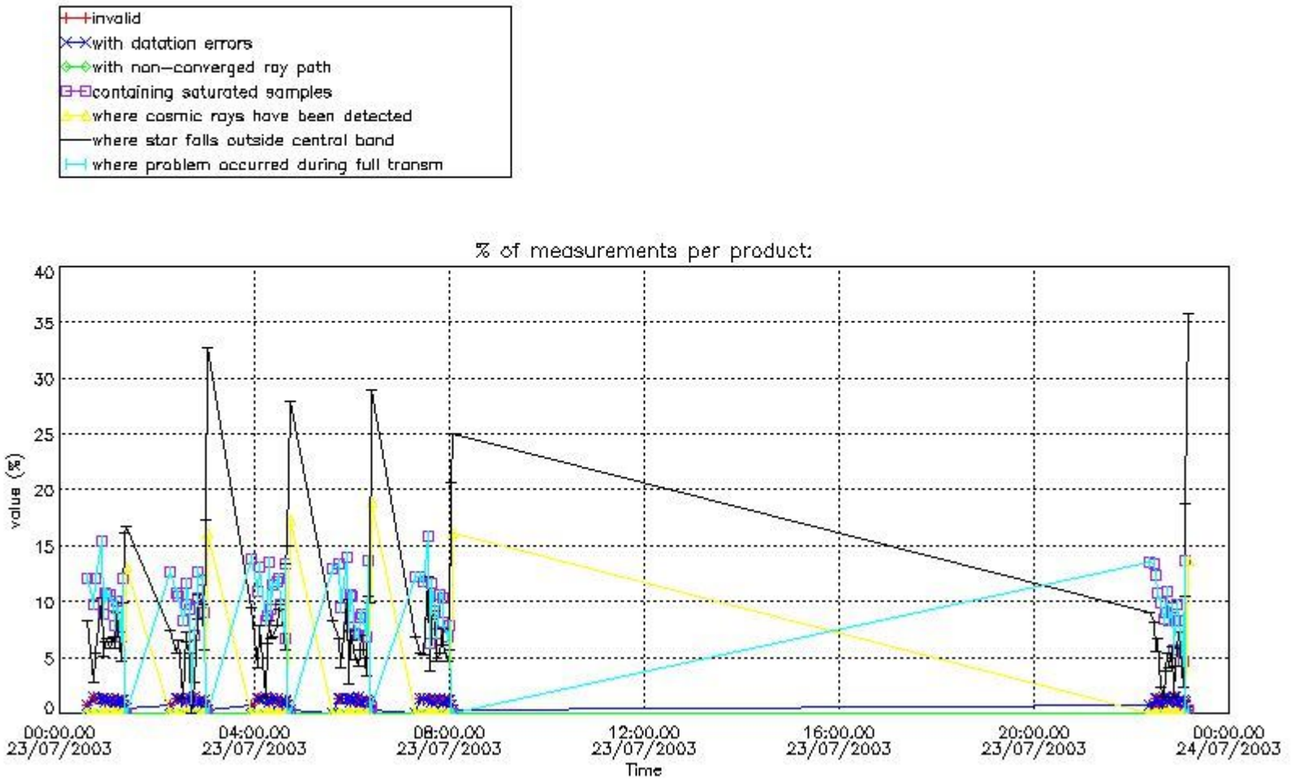
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

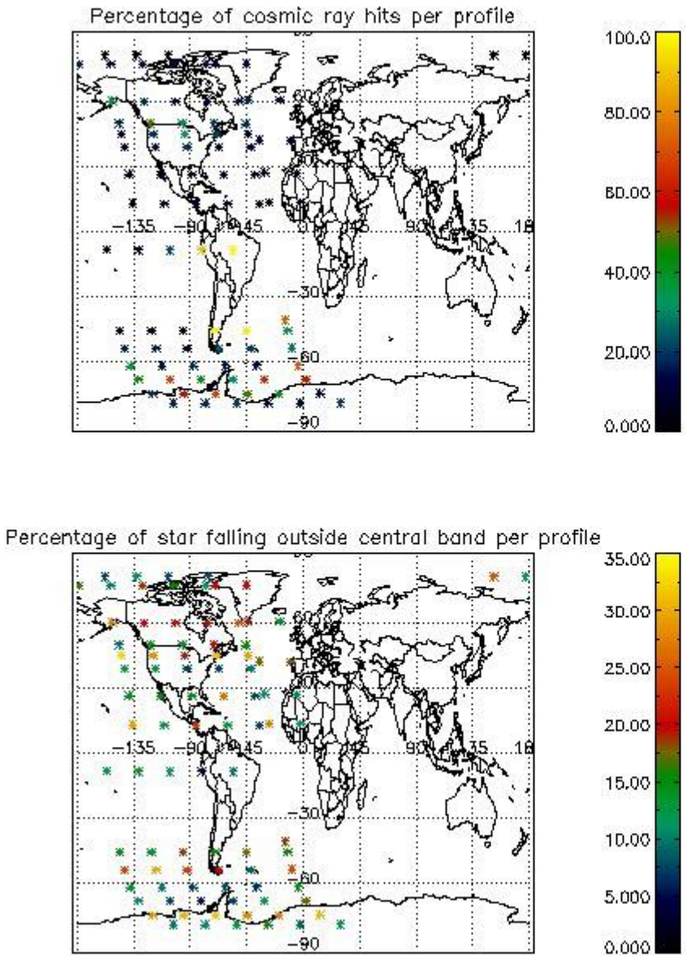


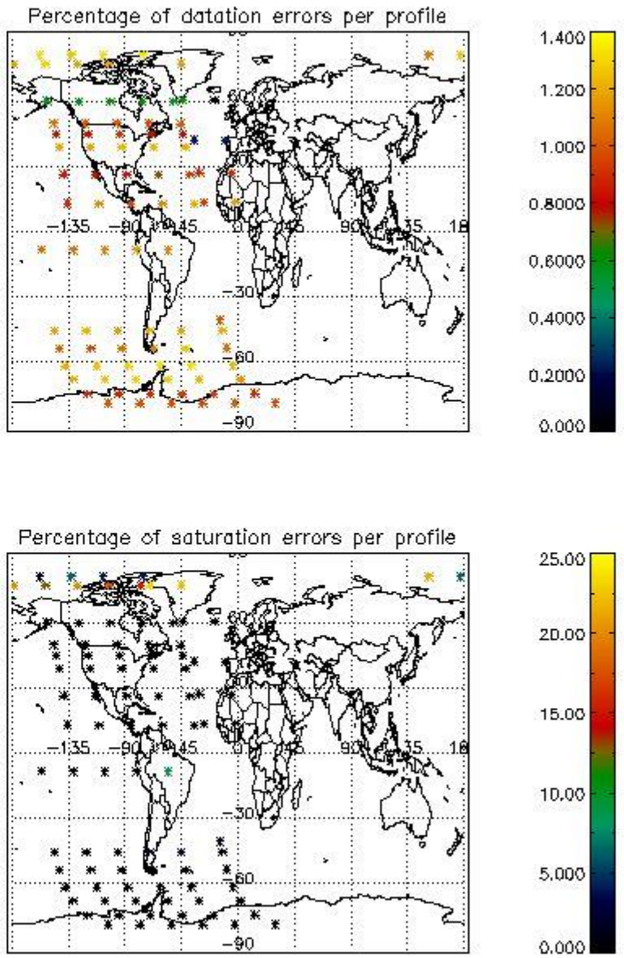
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



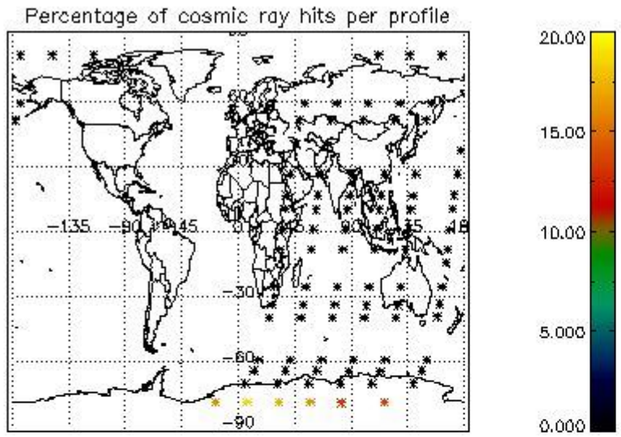
4.2 Plot quality information per product comming from level 1b processing (world map)

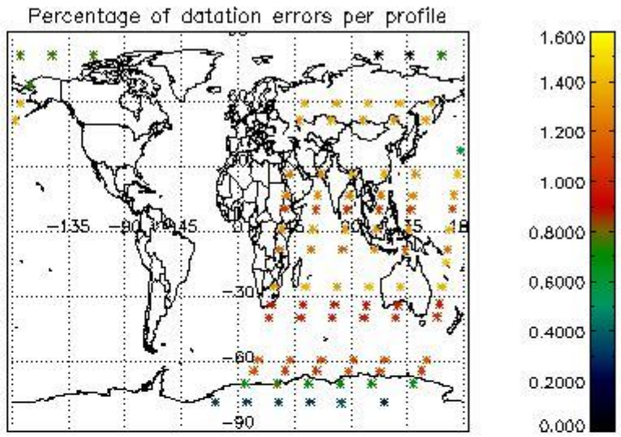
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

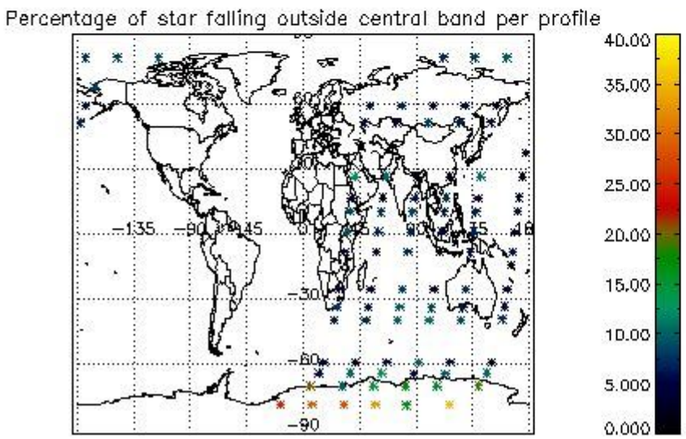


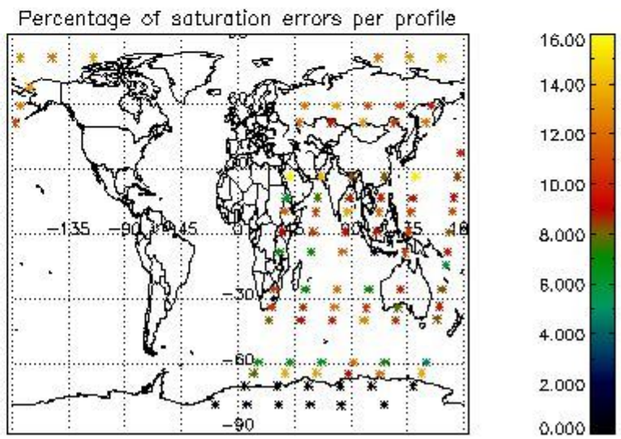


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

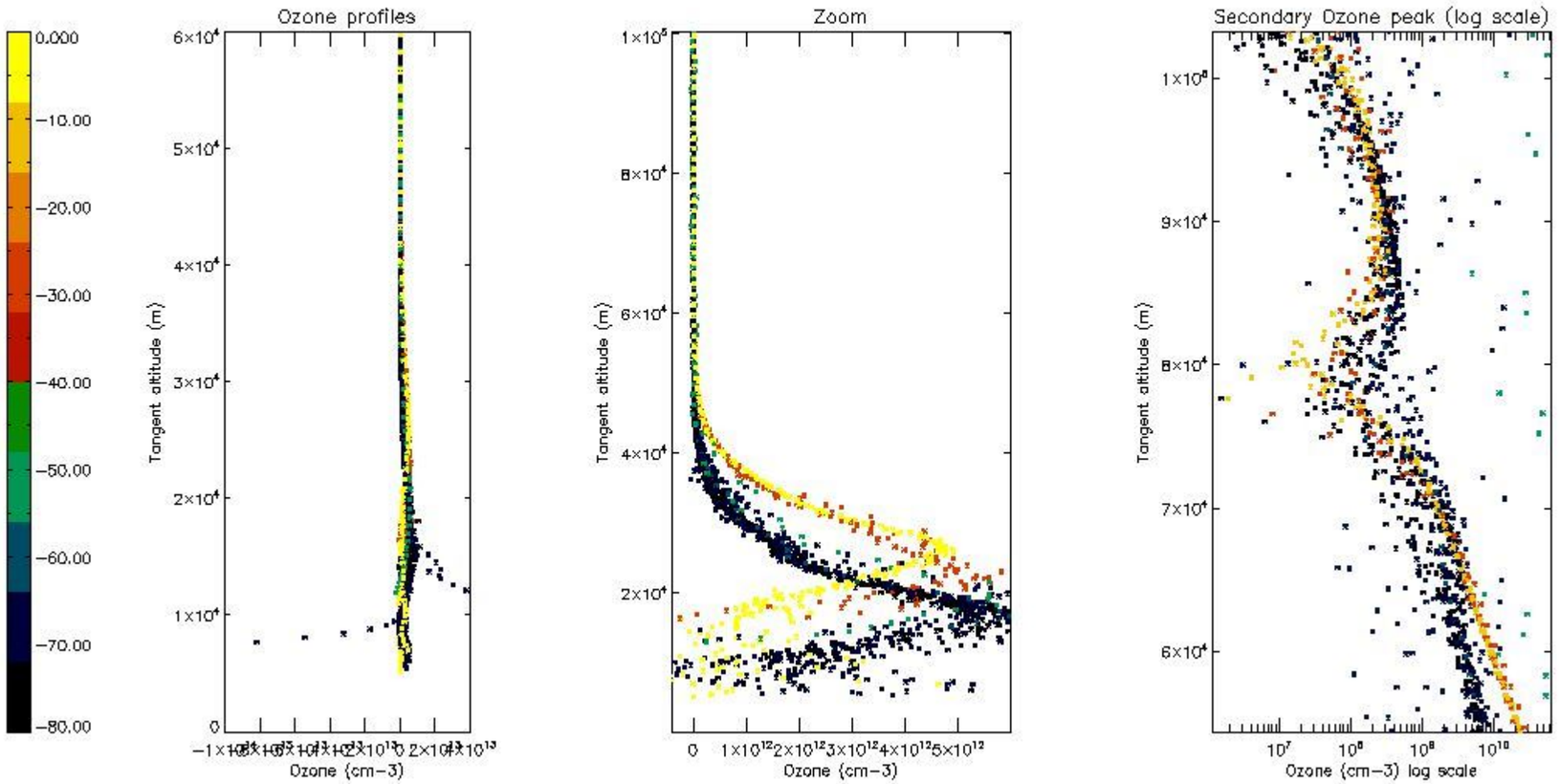
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	20
STD < 20	12

STD < 10	10
STD < 5	7

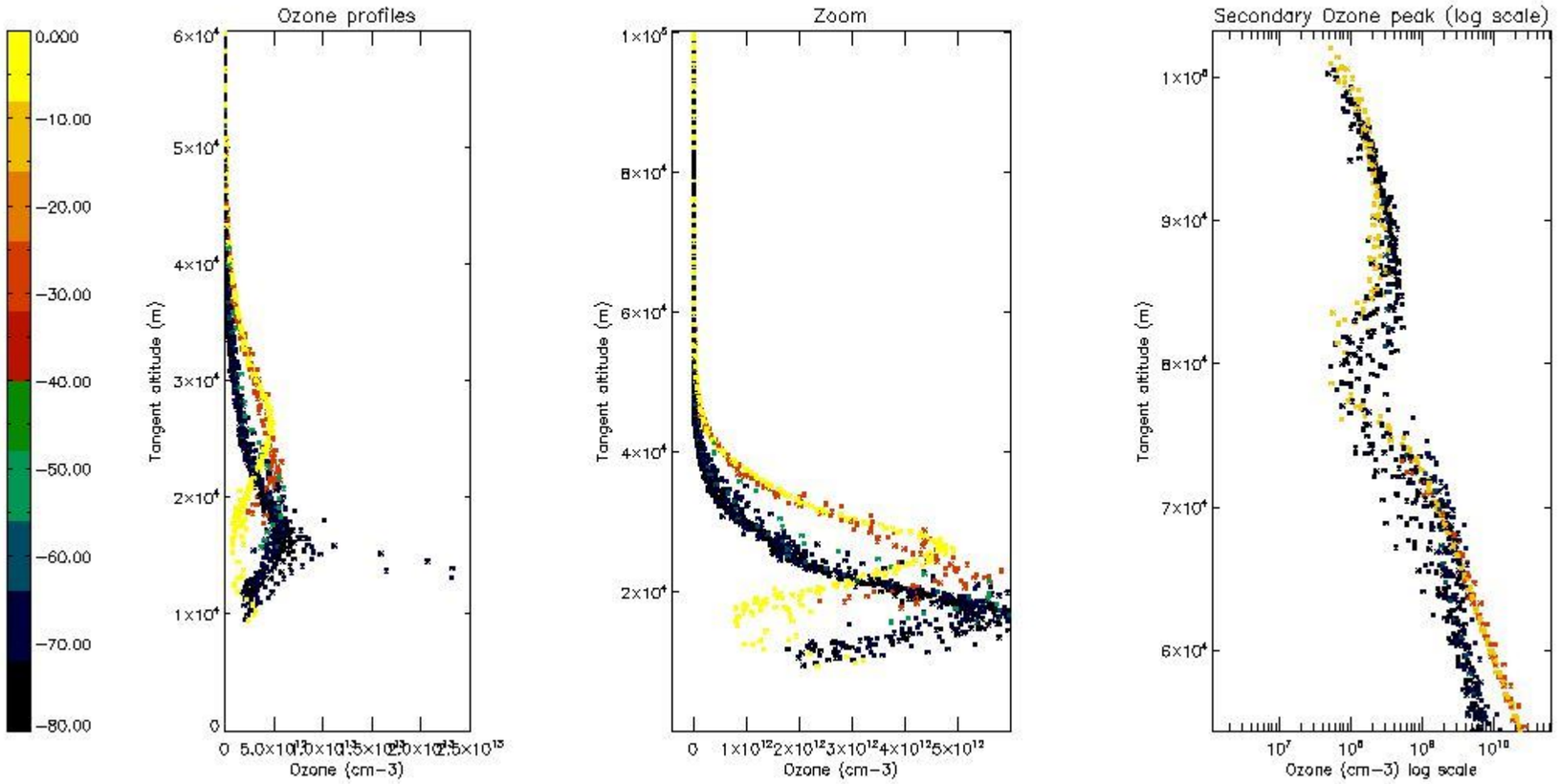
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



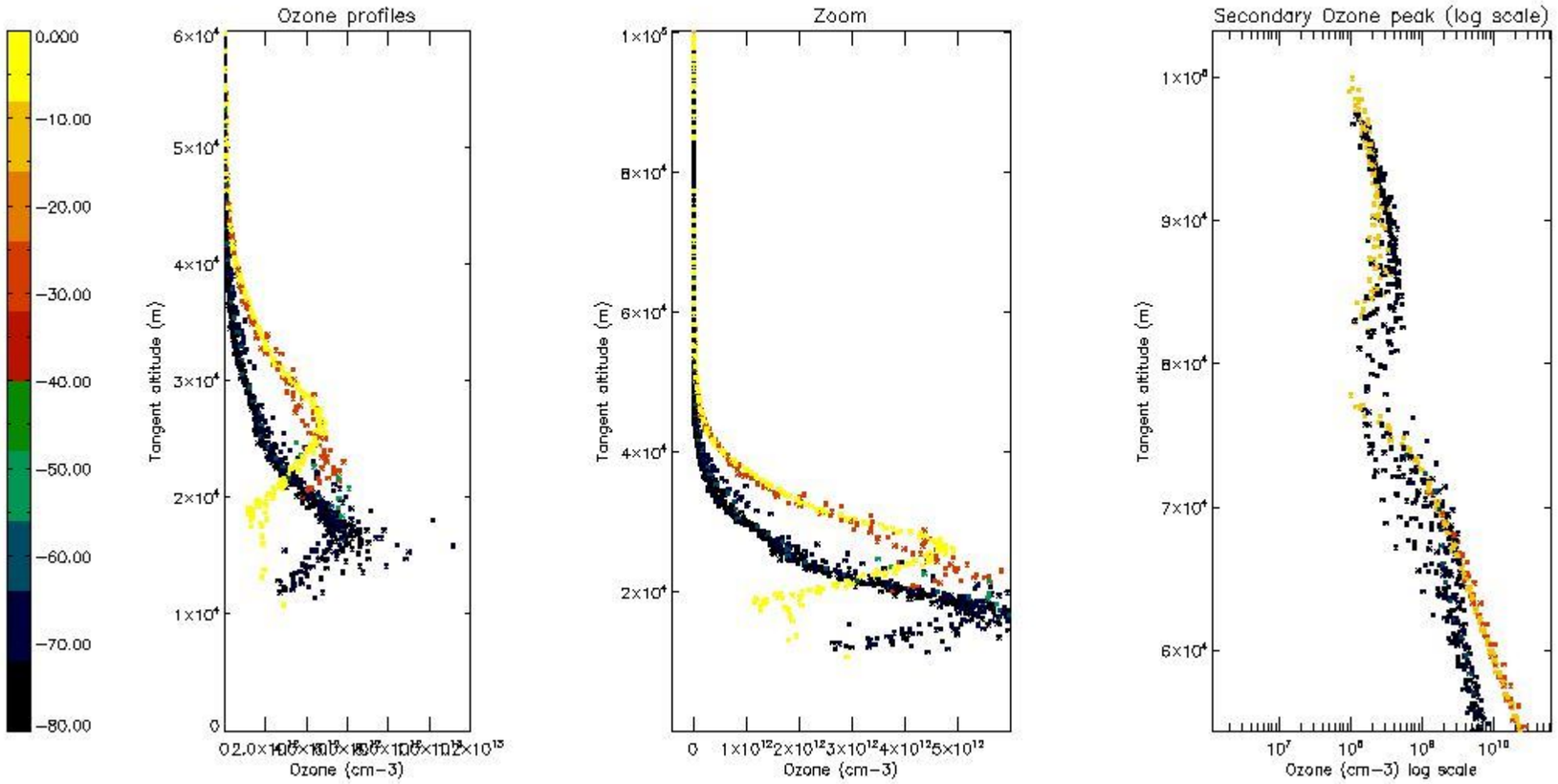
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



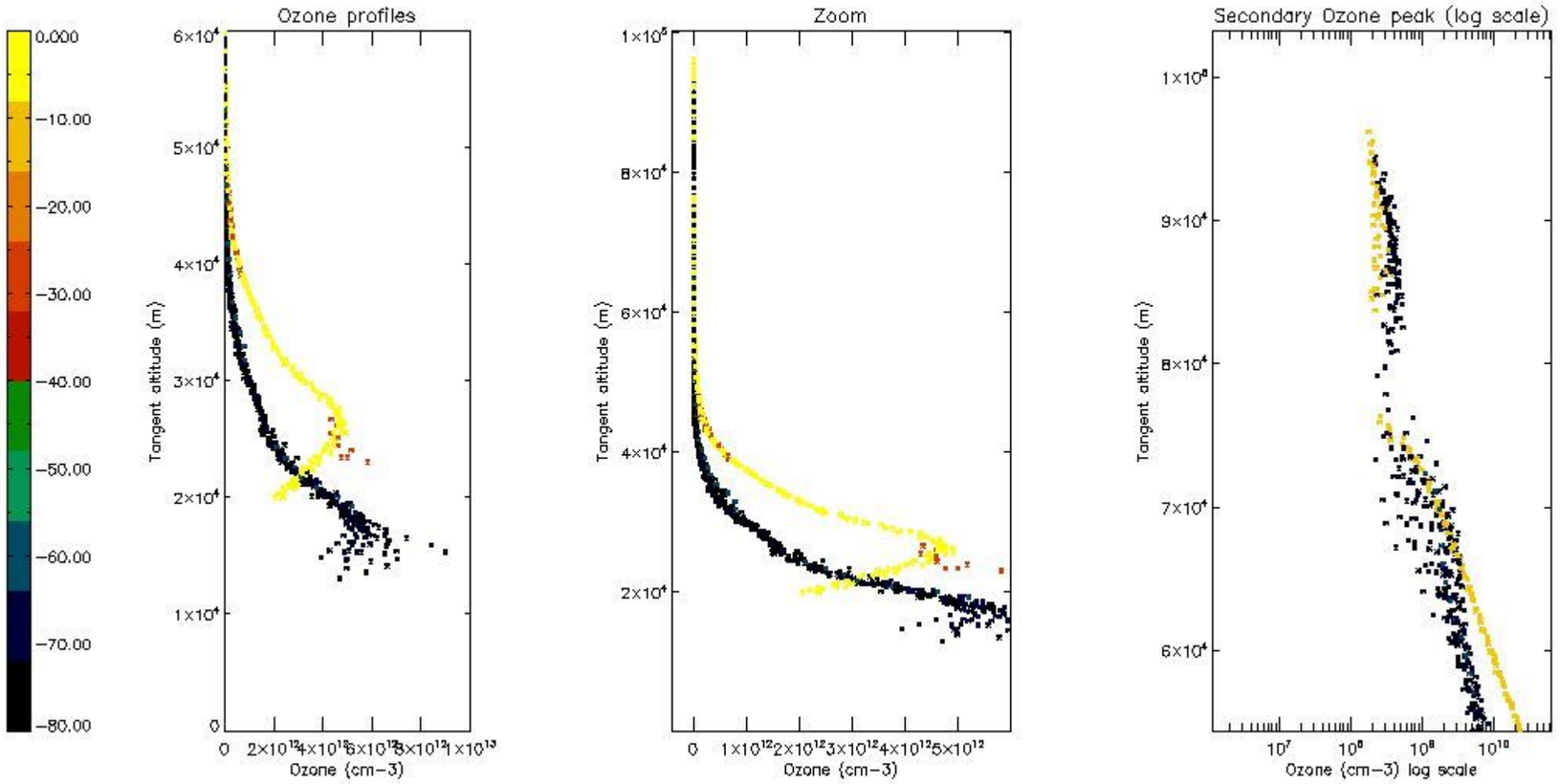
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



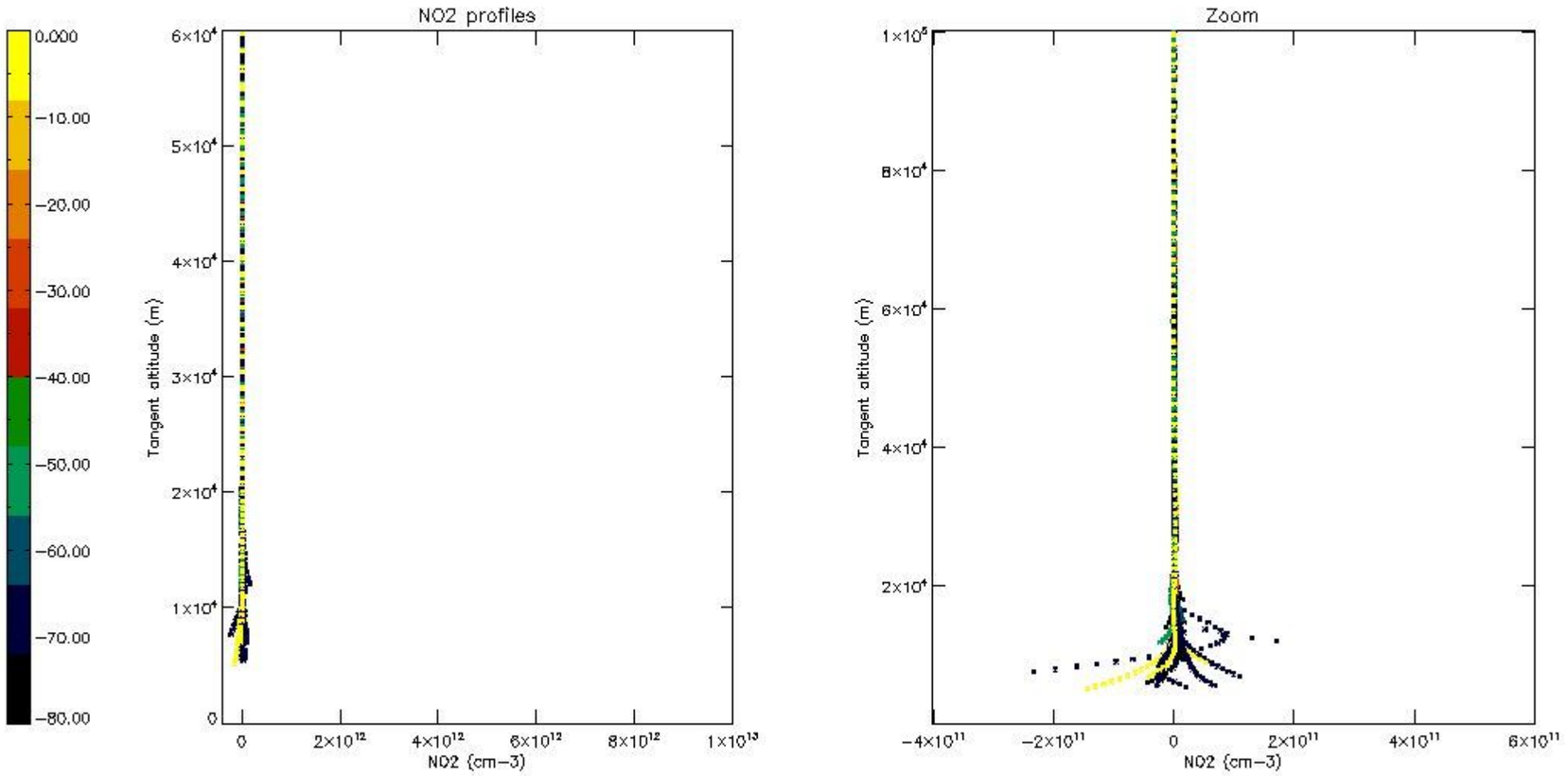
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



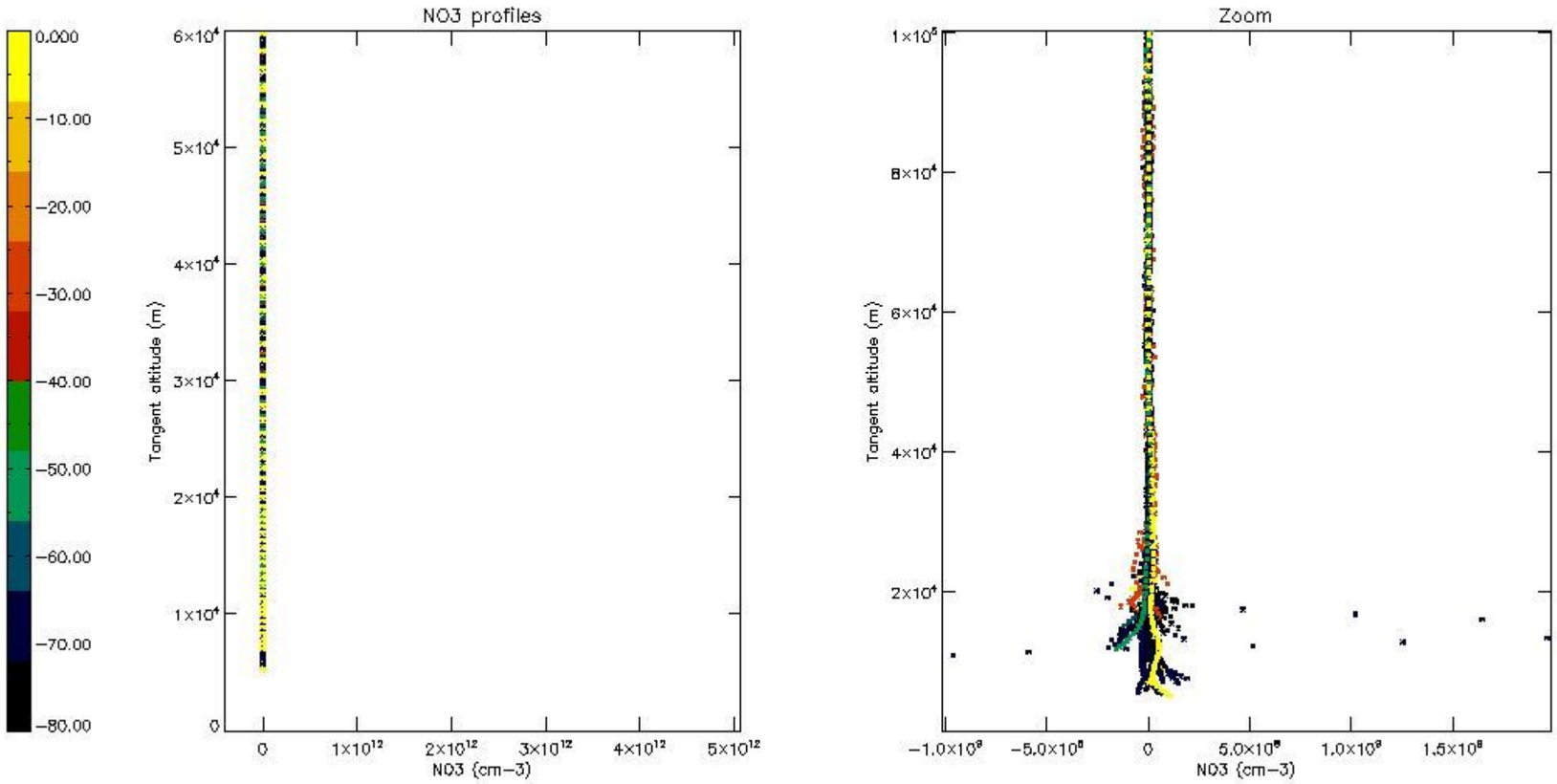
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



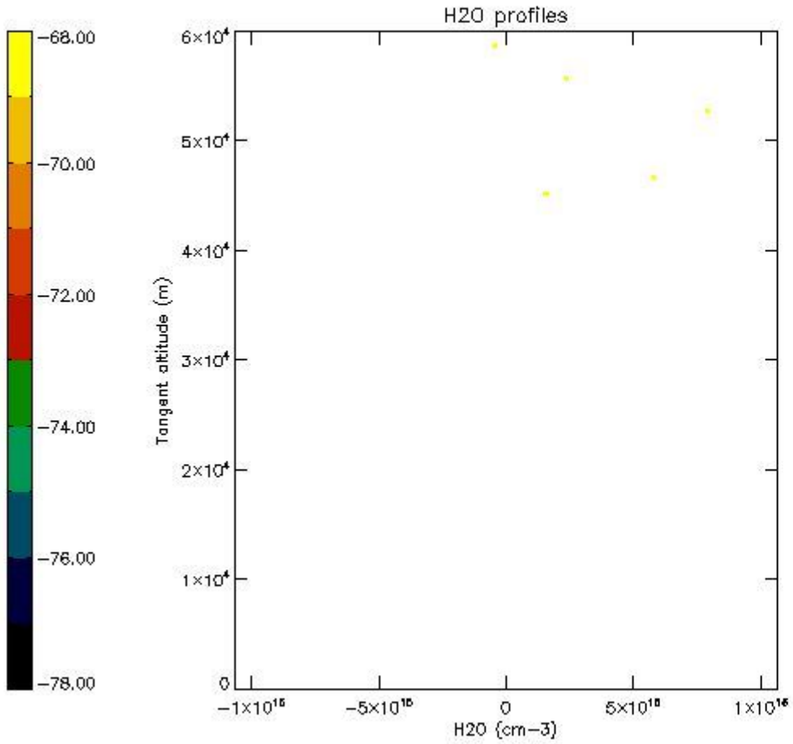
5.7 Plot NO3 profiles for all STD (dark without errors)

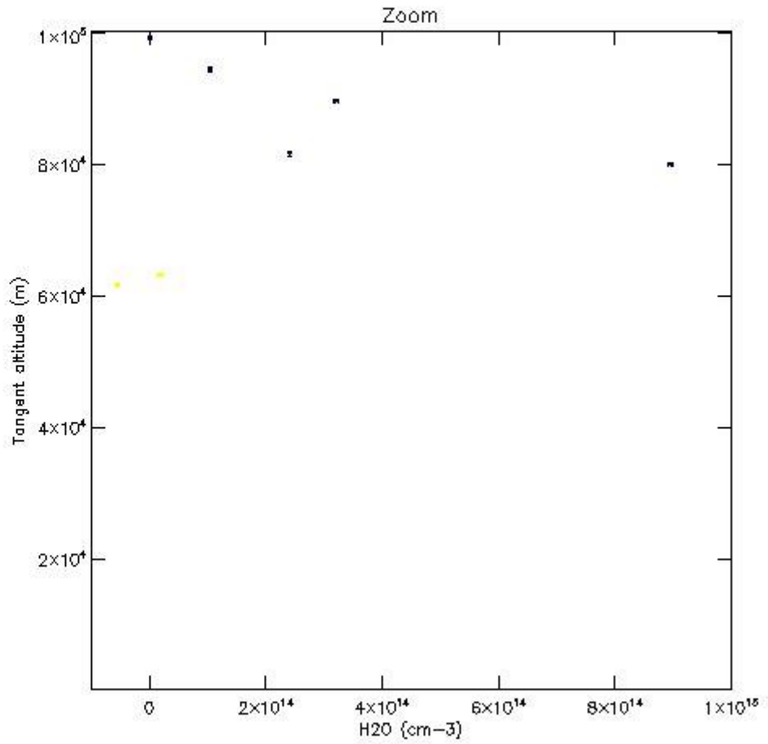
The colorbar represents the latitude.



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.

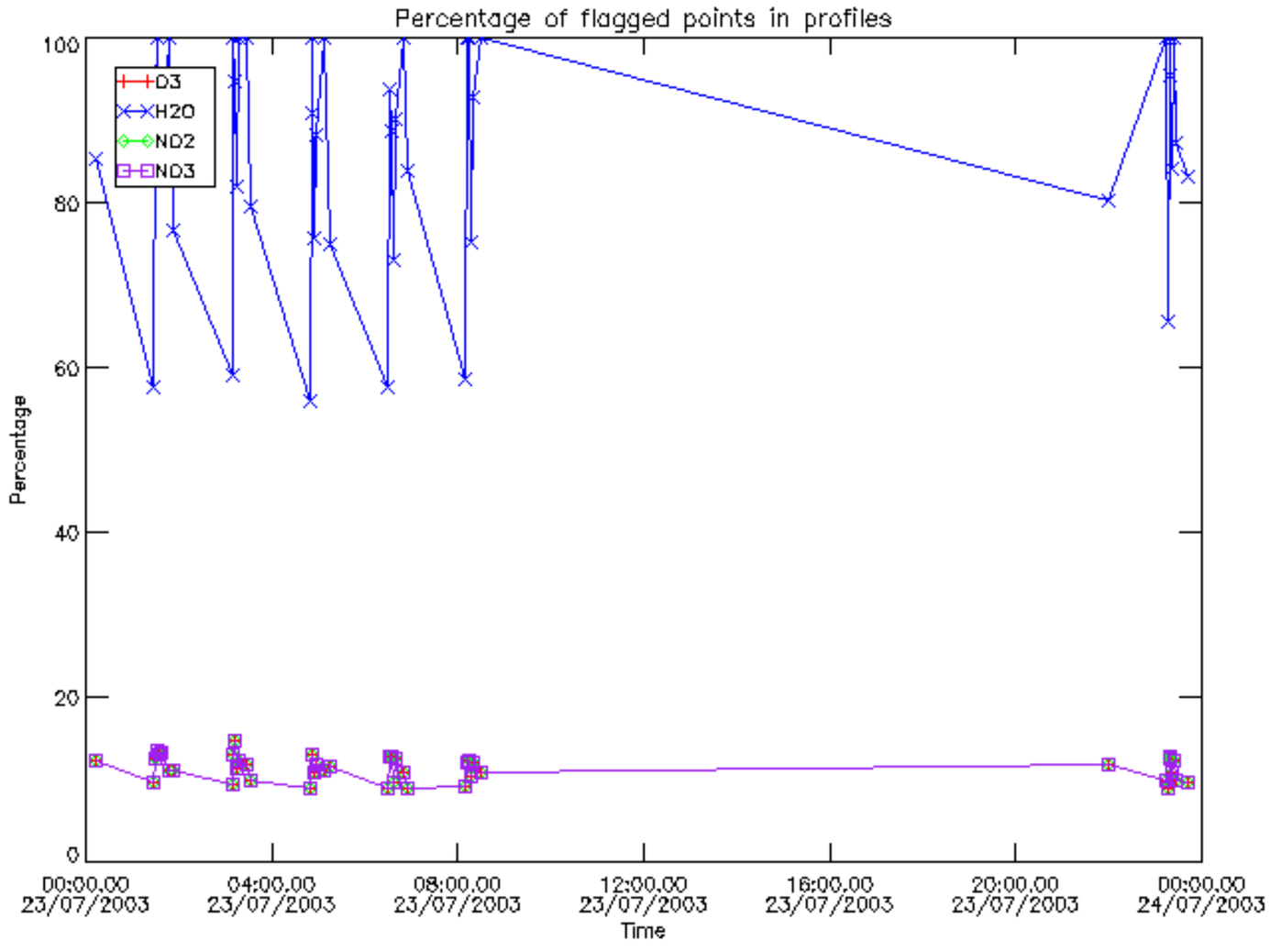




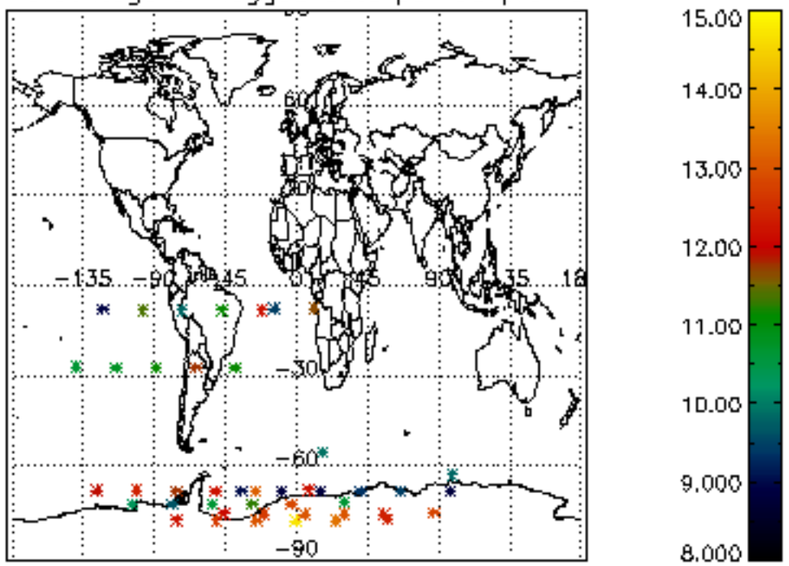
6. Auxiliary Data Files used for the production reported in section 2

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.

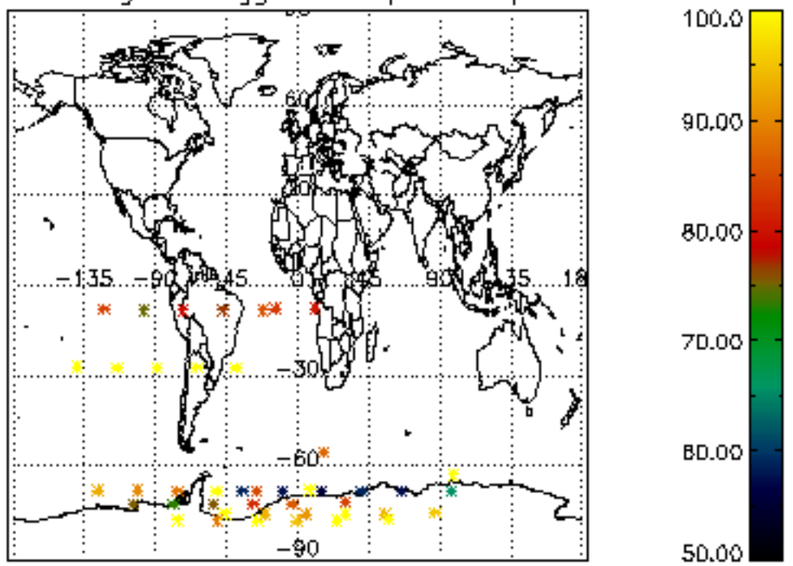
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-JUL-2003 00:12:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-JUL-2003 00:12:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-JUL-2003 00:12:35


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
23/07/2003
04:00.00
23/07/2003
08:00.00
23/07/2003
12:00.00
23/07/2003
16:00.00
23/07/2003
20:00.00
23/07/2003
00:00.00
24/07/2003
Time

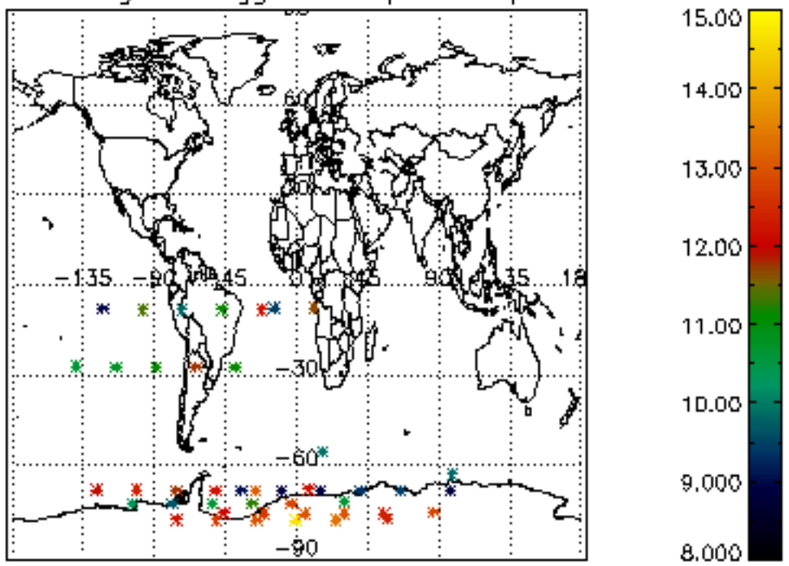
Percentage of flagged data per O3 profile



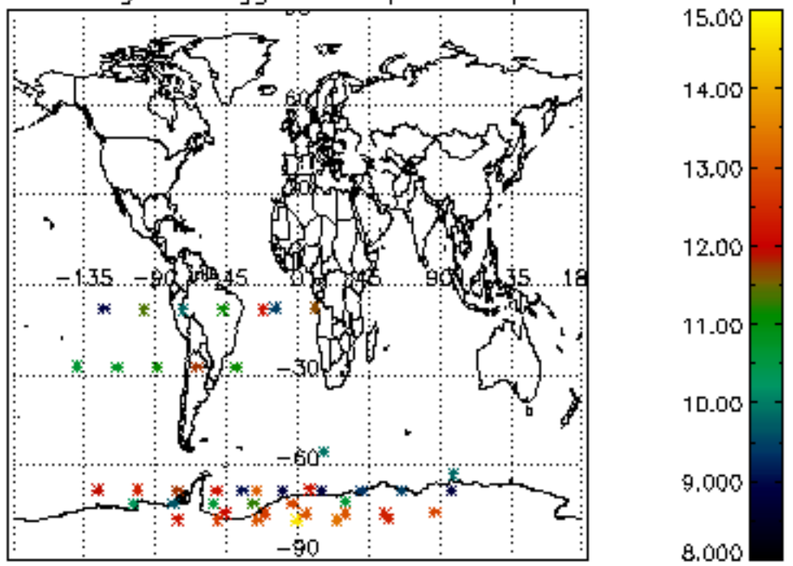
Percentage of flagged data per H2O profile

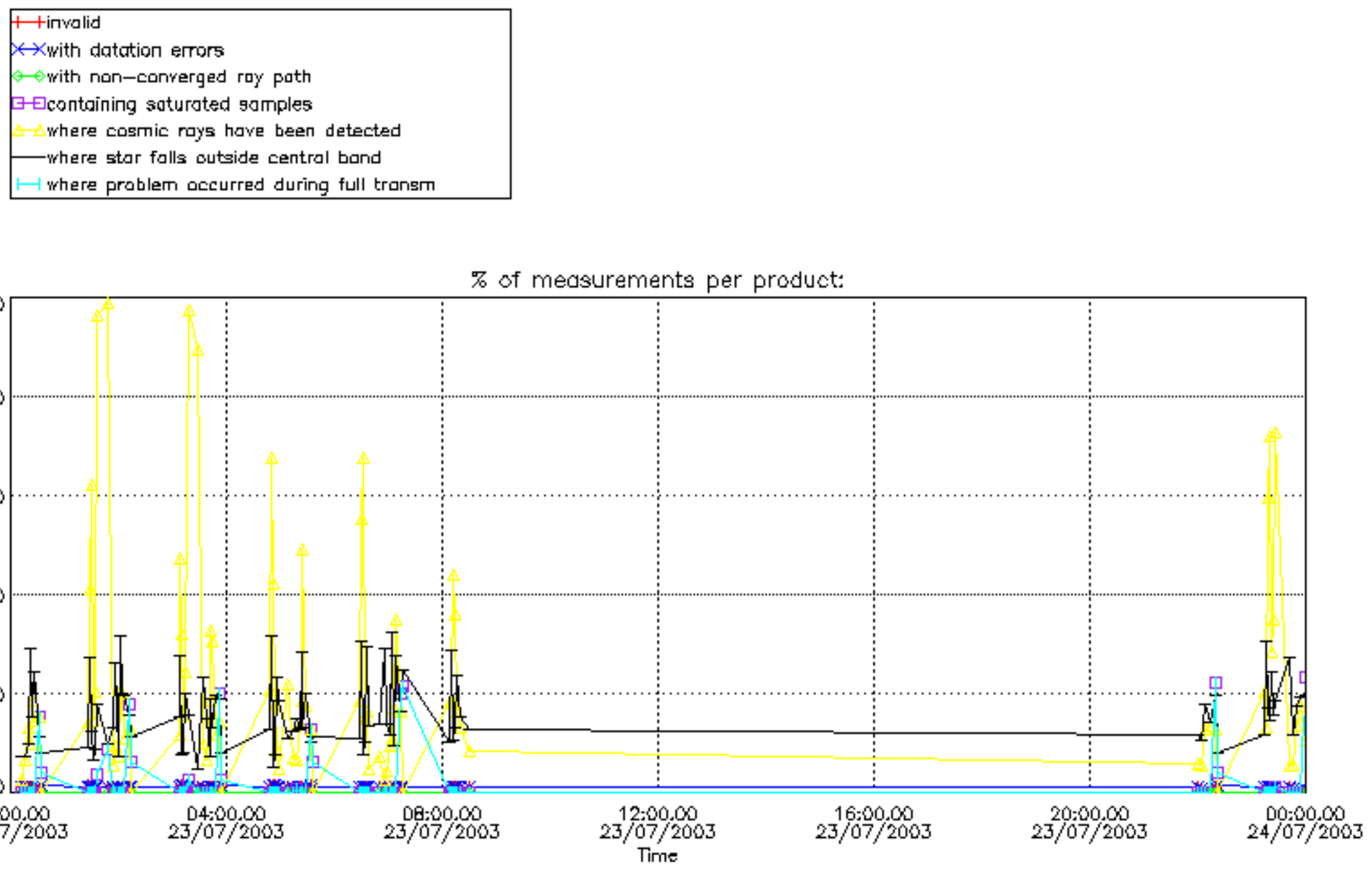


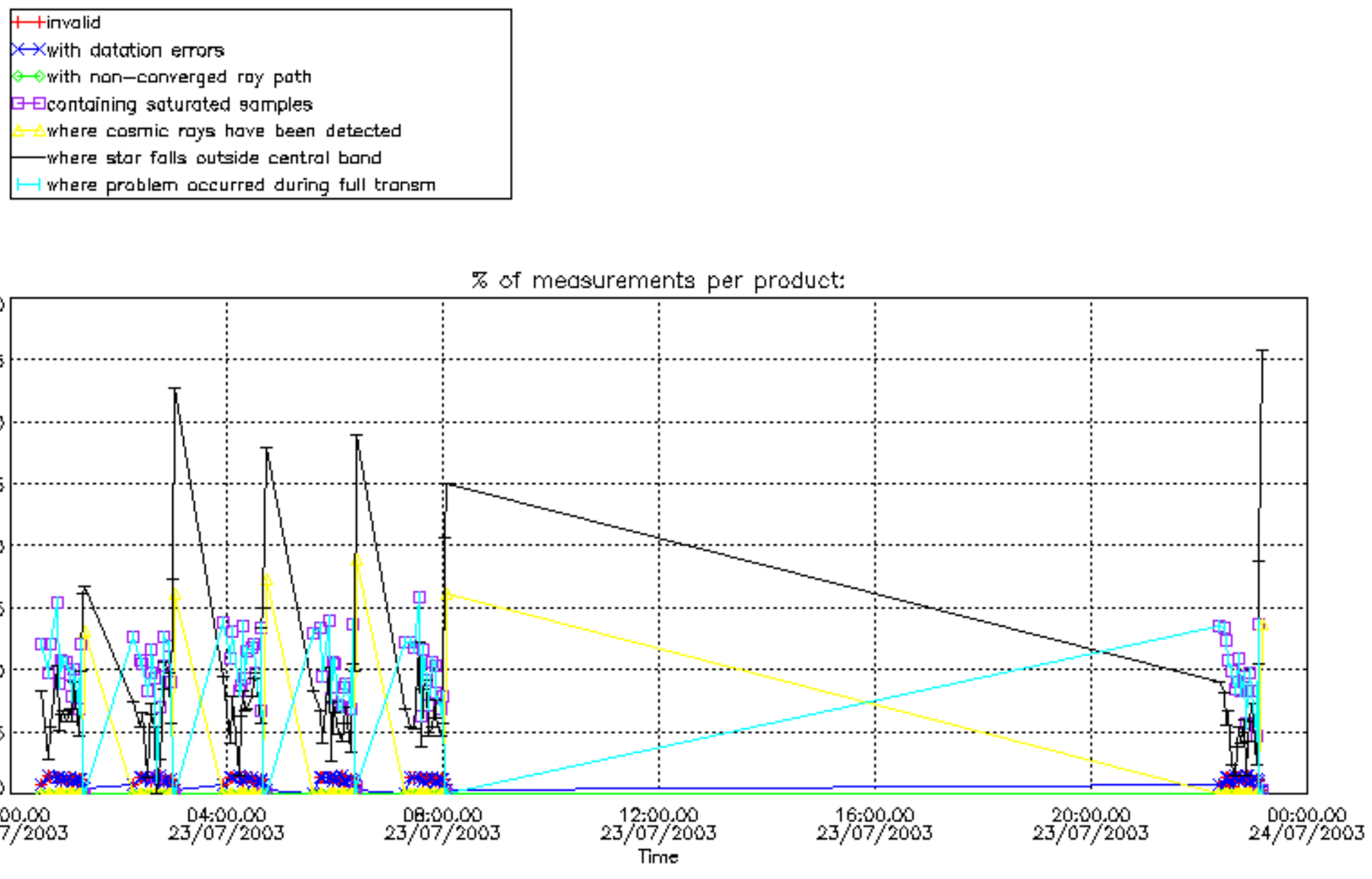
Percentage of flagged data per NO2 profile



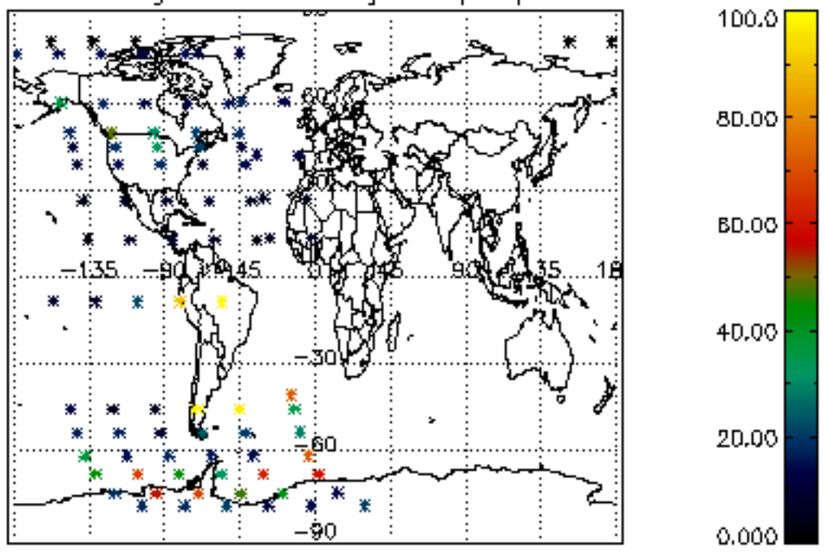
Percentage of flagged data per NO3 profile



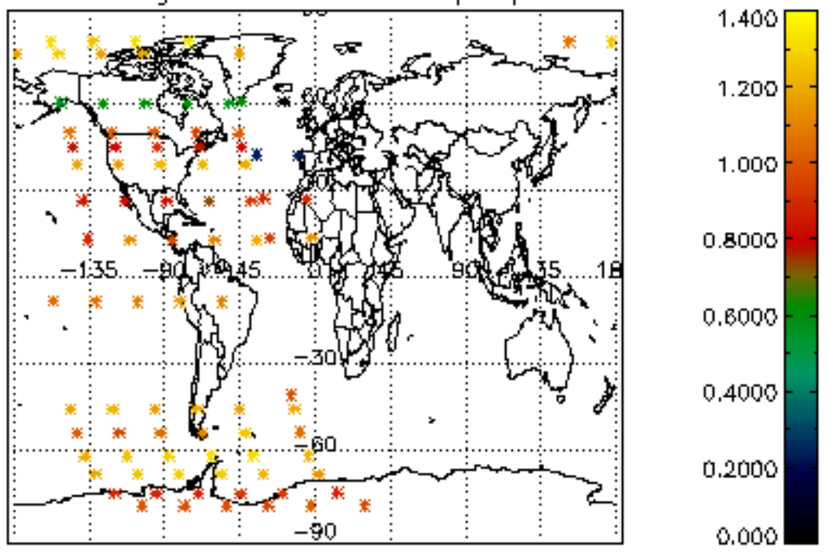

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
23/07/2003
04:00.00
23/07/2003
08:00.00
23/07/2003
12:00.00
23/07/2003
16:00.00
23/07/2003
20:00.00
23/07/2003
00:00.00
24/07/2003
Time


invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
40
35
30
25
20
15
10
5
0
value (%)
00:00.00
23/07/2003
04:00.00
23/07/2003
08:00.00
23/07/2003
12:00.00
23/07/2003
16:00.00
23/07/2003
20:00.00
23/07/2003
00:00.00
24/07/2003
Time

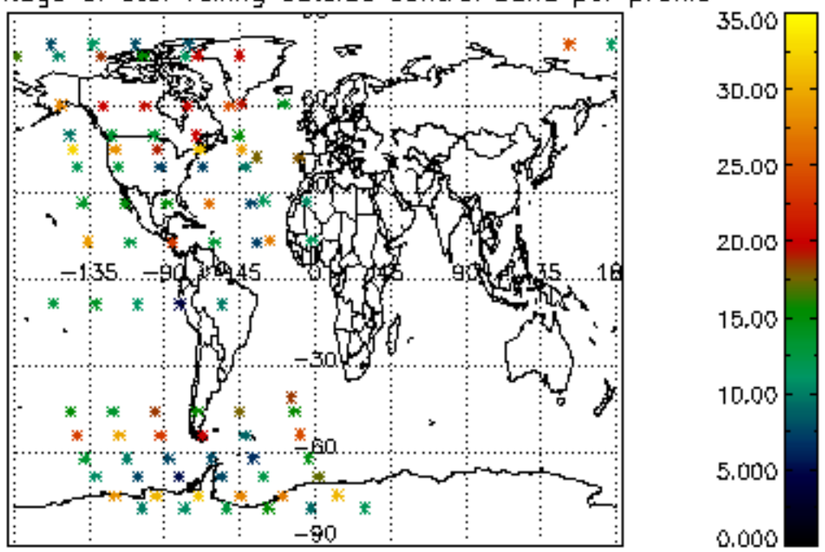
Percentage of cosmic ray hits per profile



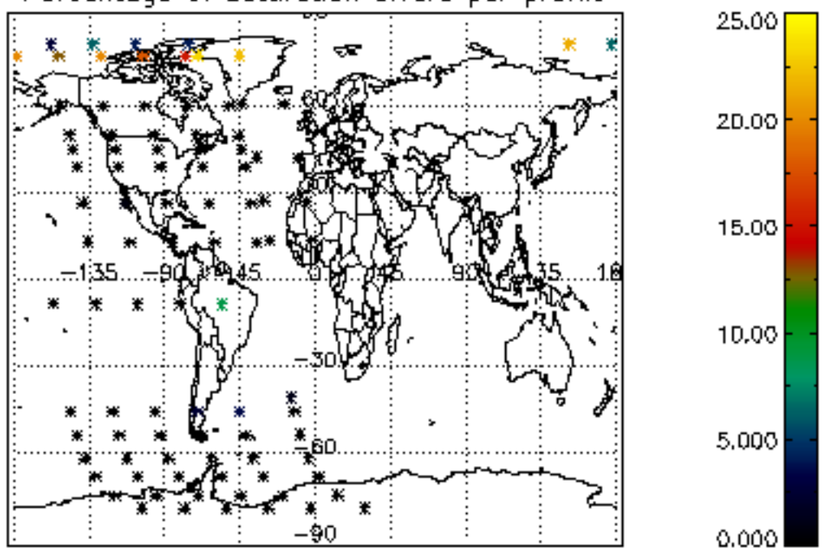
Percentage of datation errors per profile

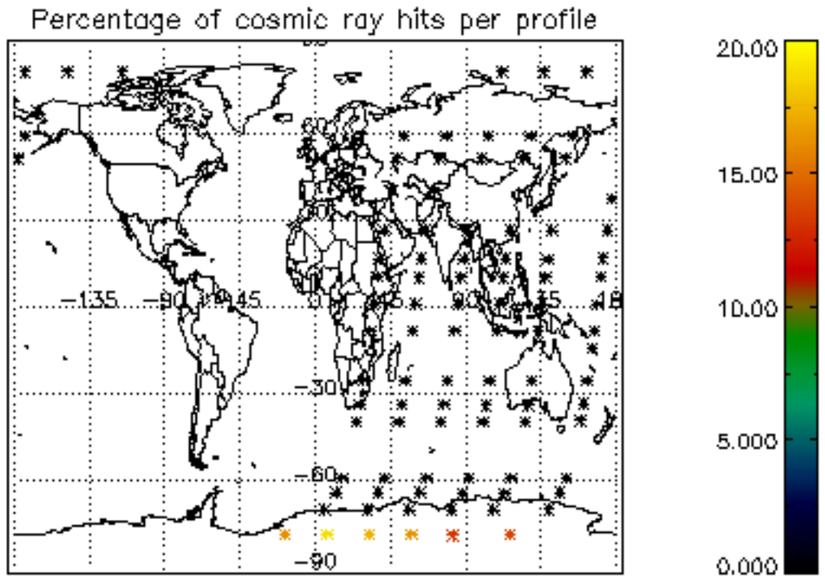


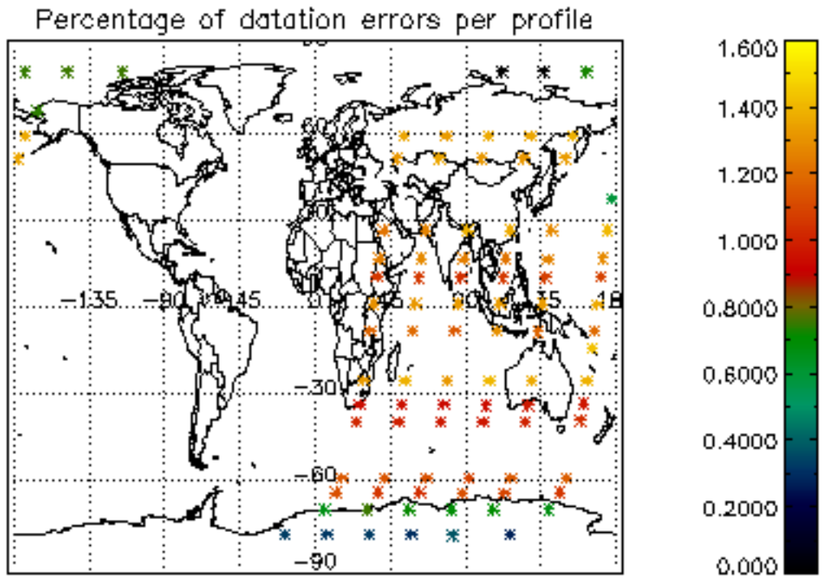
Percentage of star falling outside central band per profile

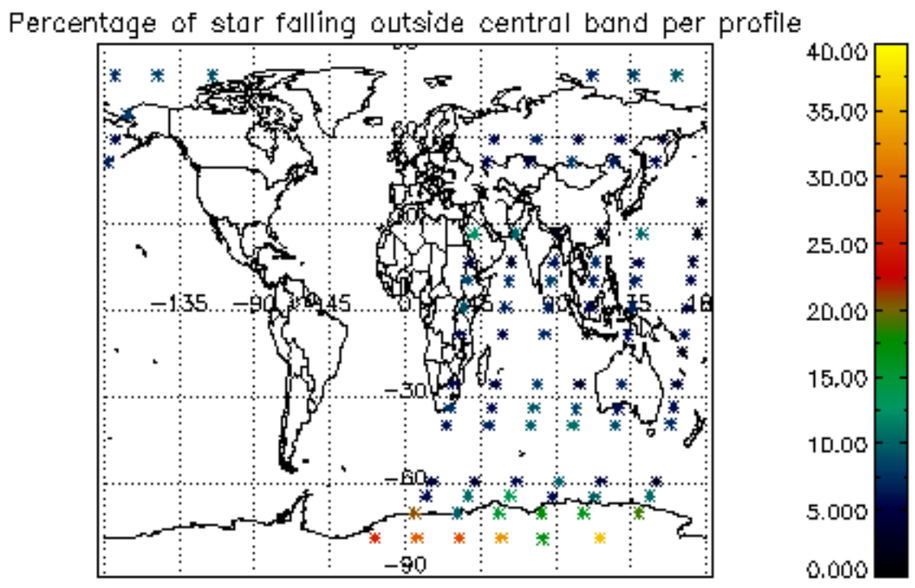


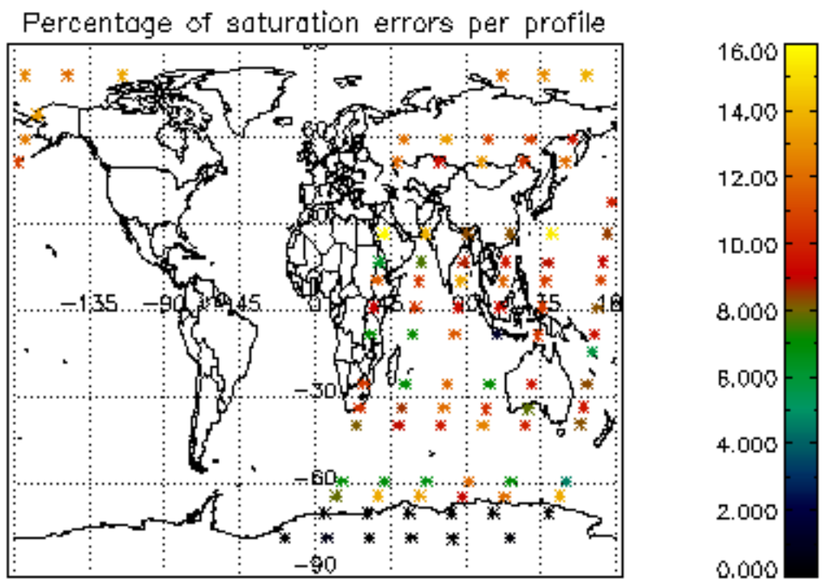
Percentage of saturation errors per profile

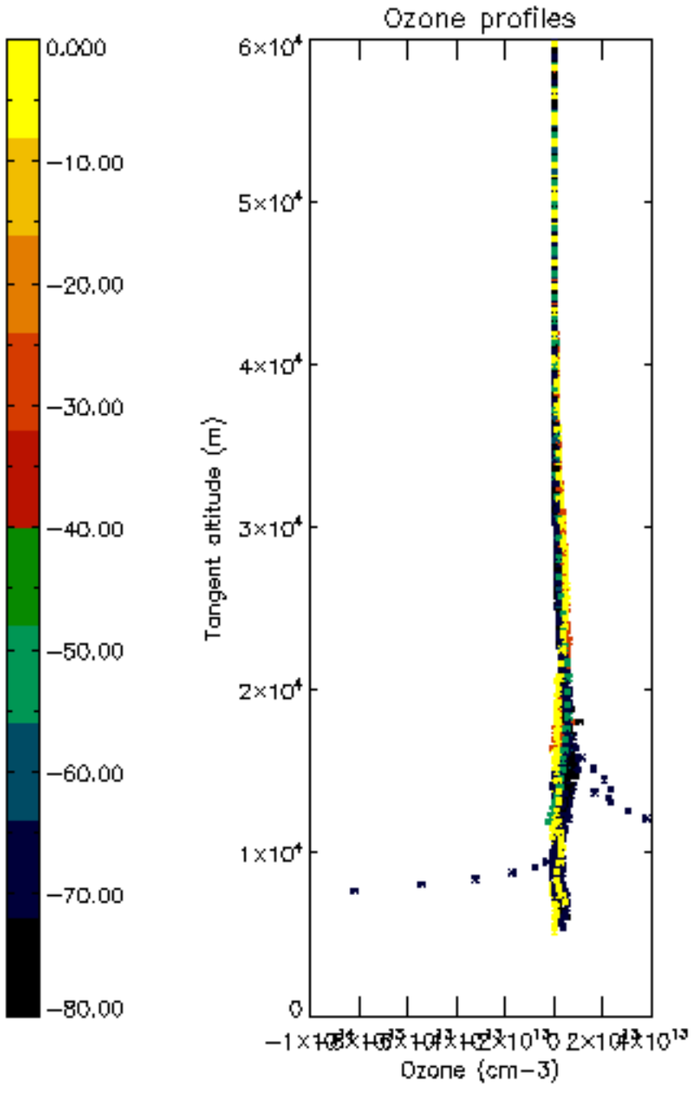


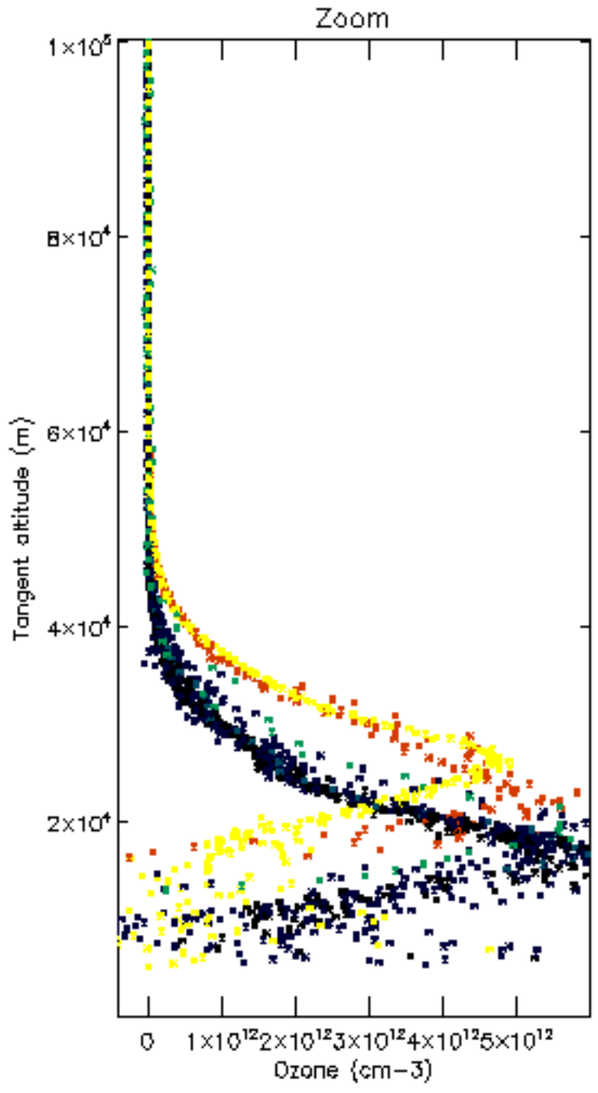

Percentage of cosmic ray hits per profile
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

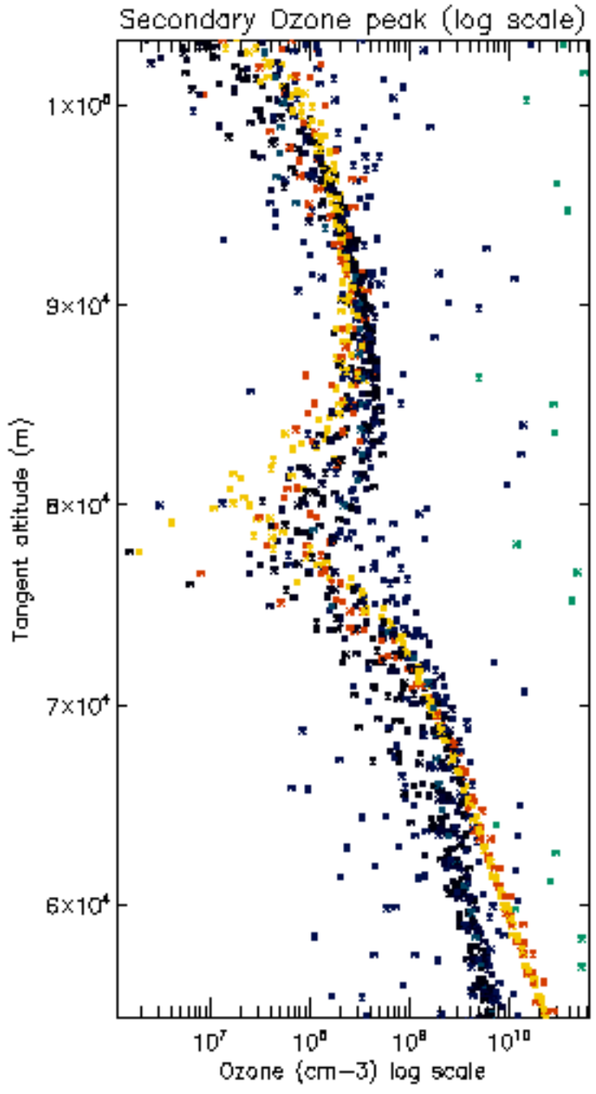

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

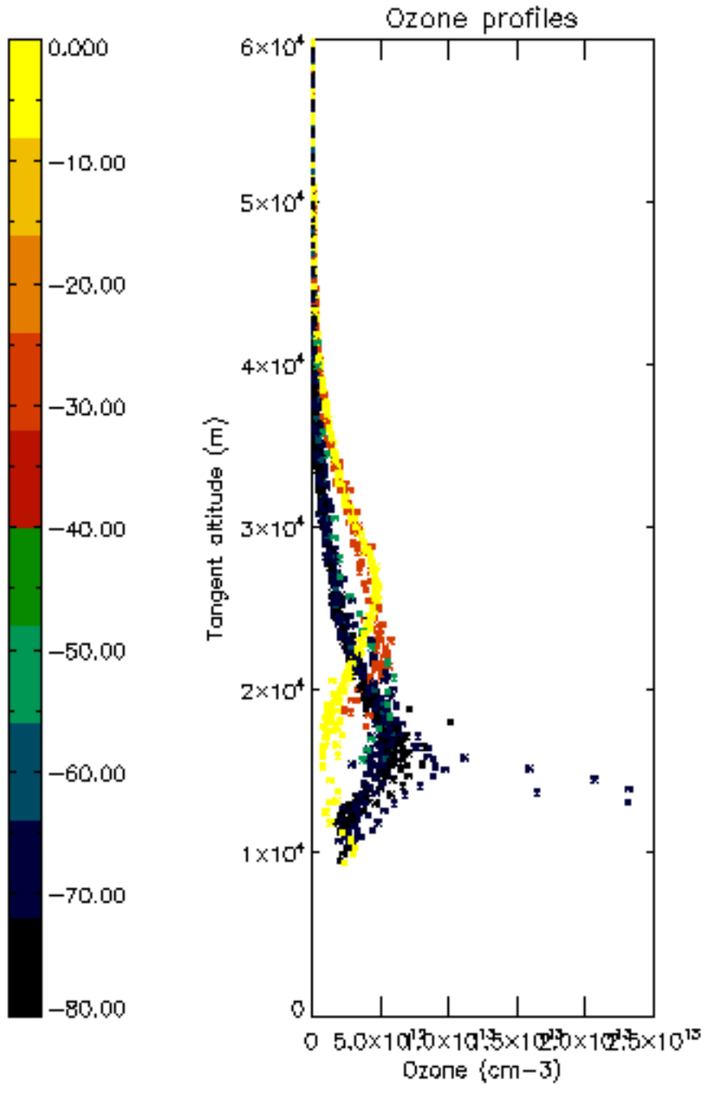

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

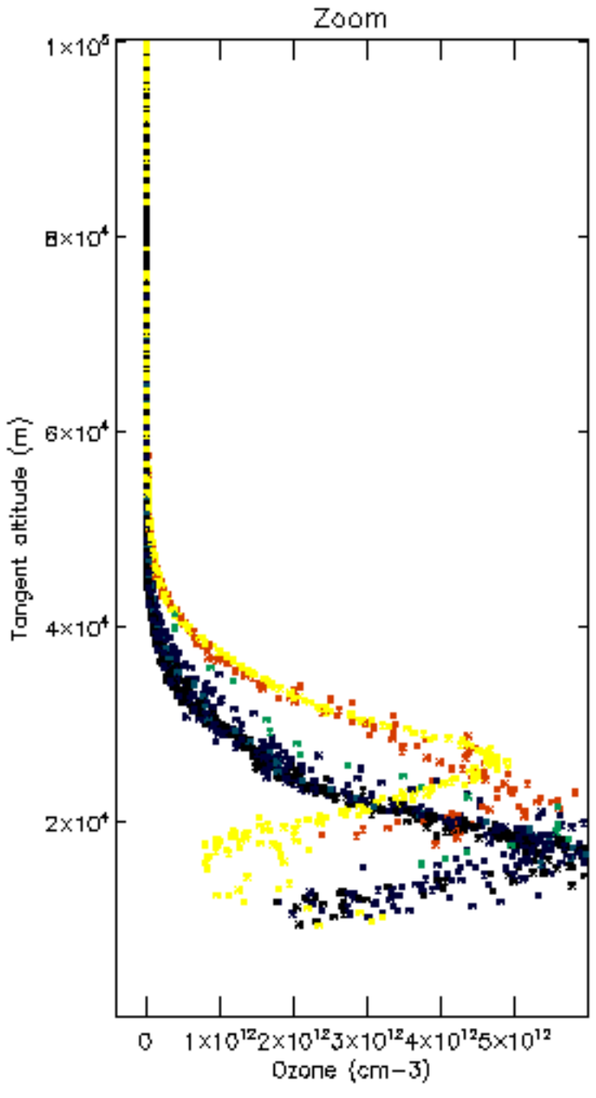

Percentage of saturation errors per profile
16.00
14.00
12.00
10.00
8.000
6.000
4.000
2.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

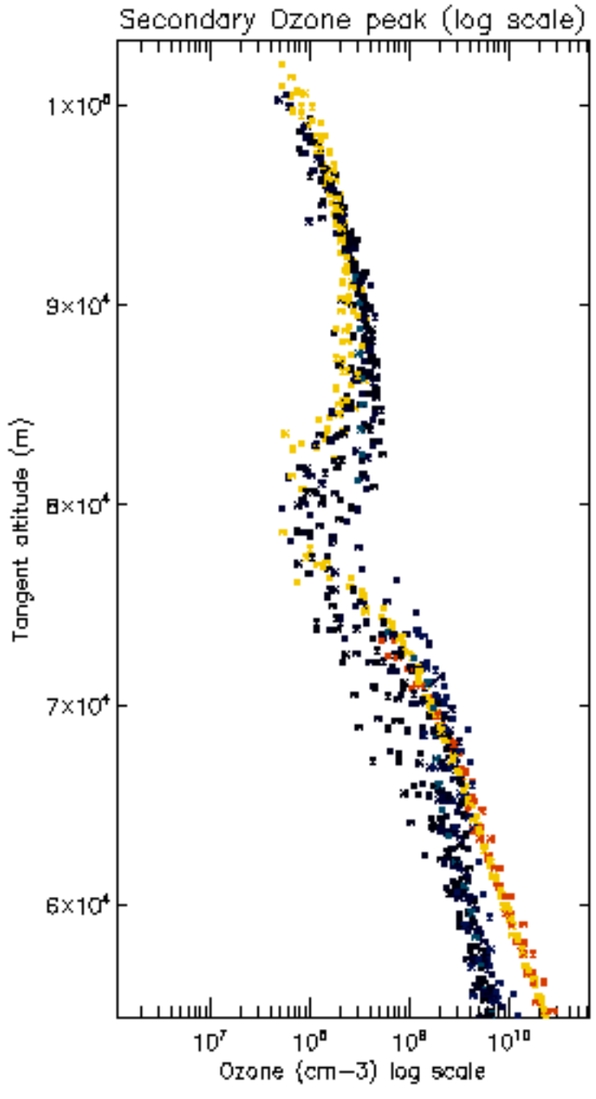

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

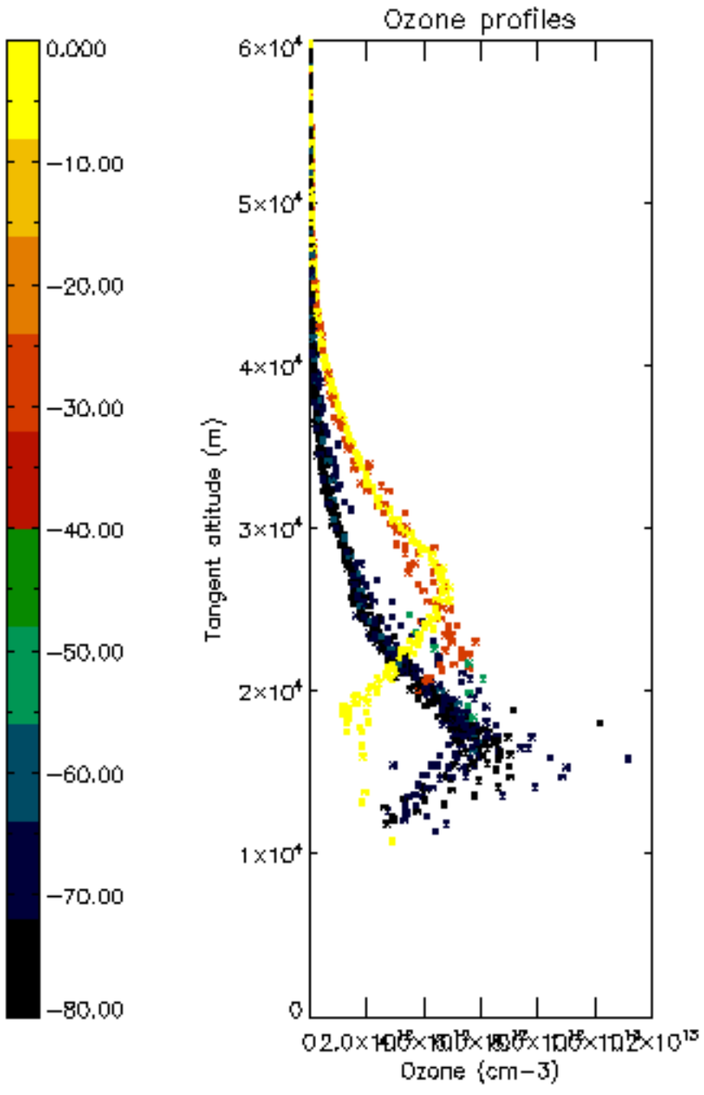

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

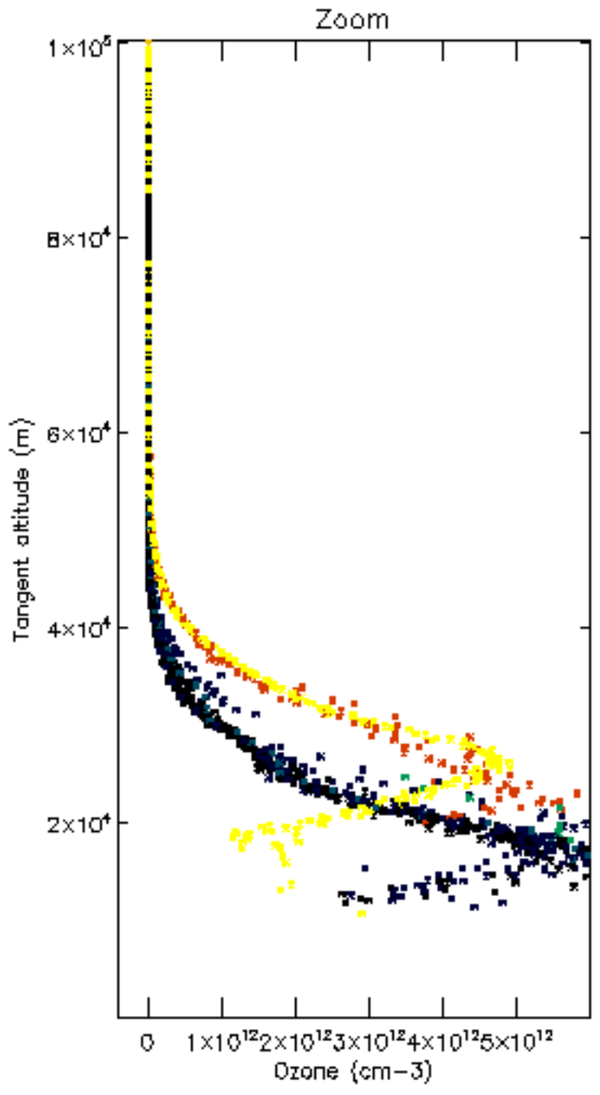

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

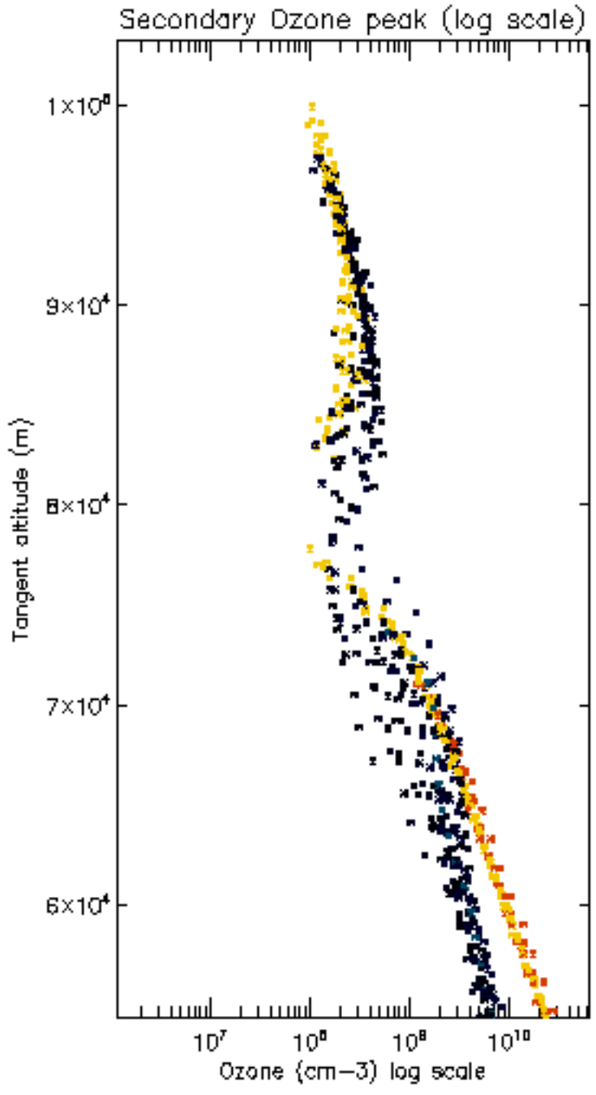

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0
5.0×10¹²
1.0×10¹³
1.5×10¹³
2.0×10¹³
2.5×10¹³
Ozone (cm−3)

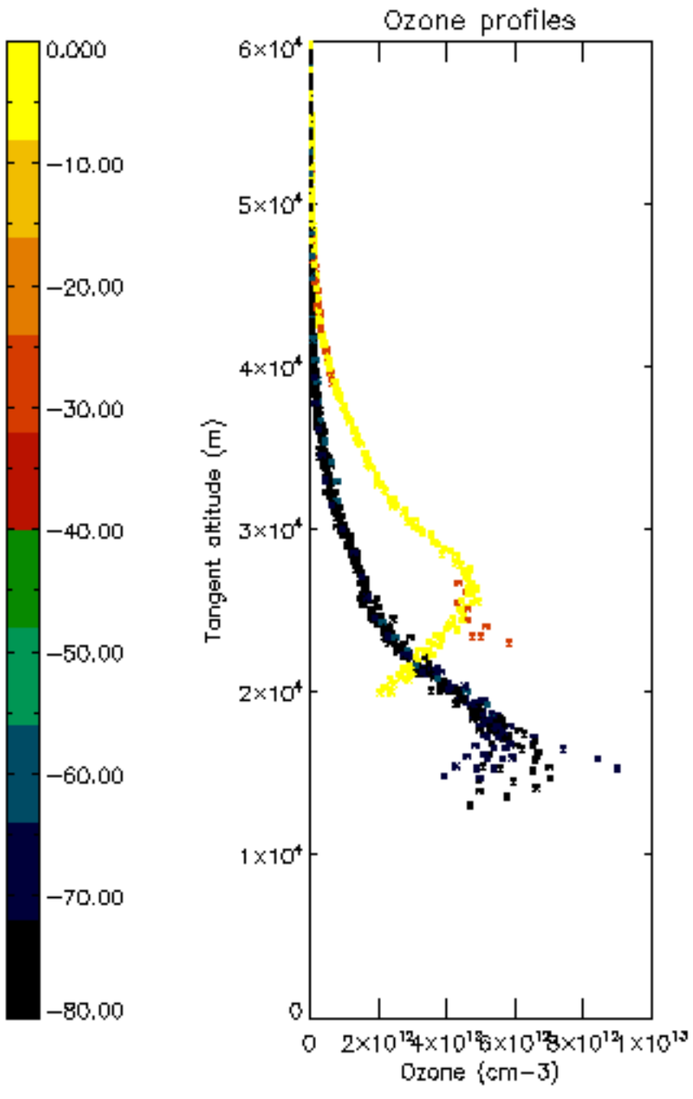

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

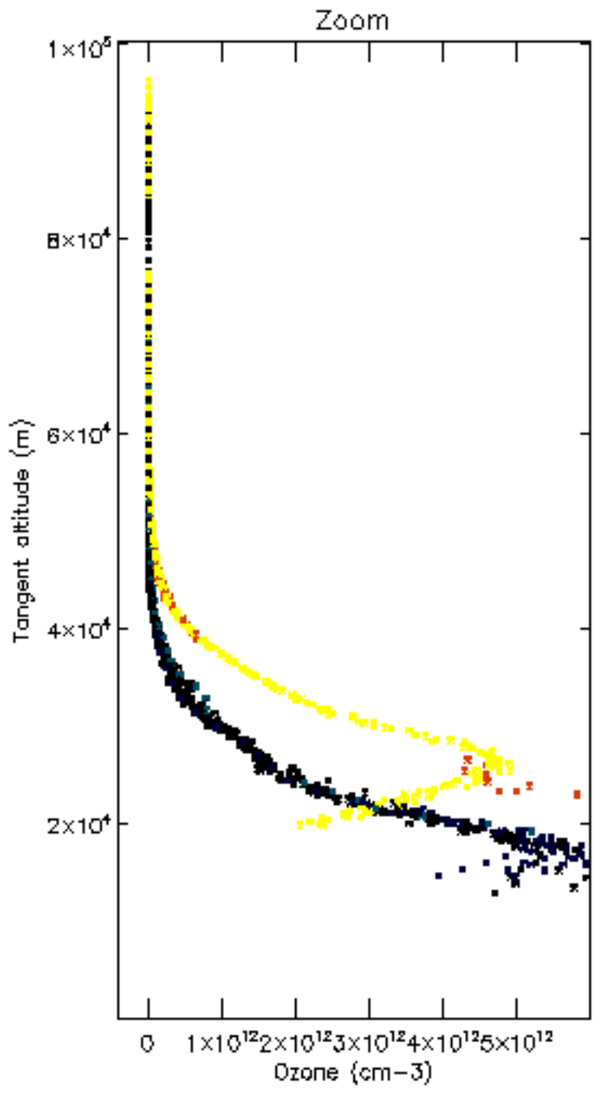

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

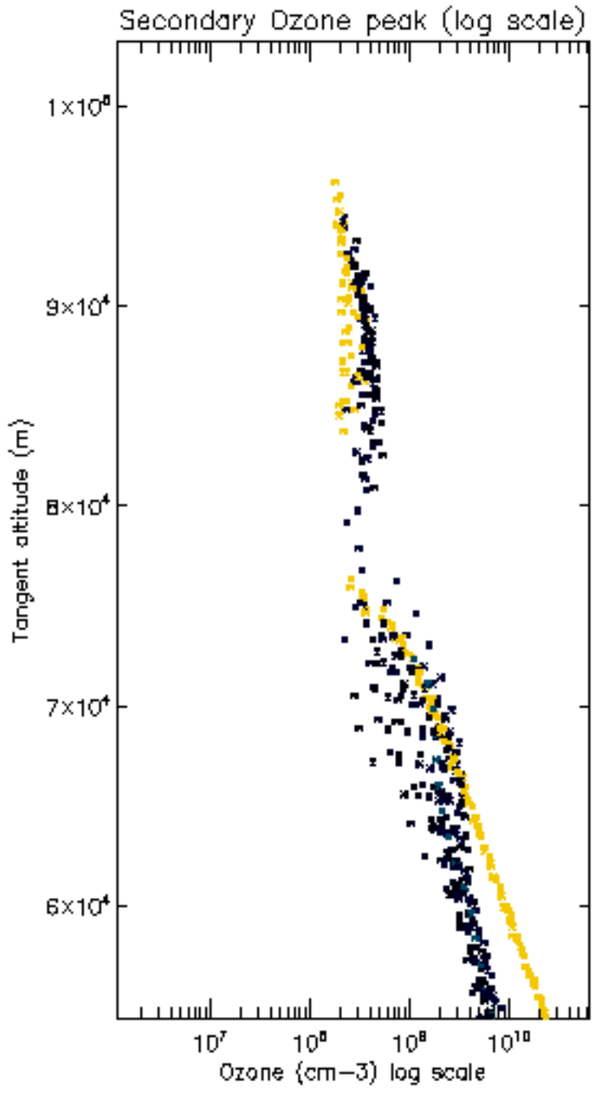

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0
Ozone (cm−3)

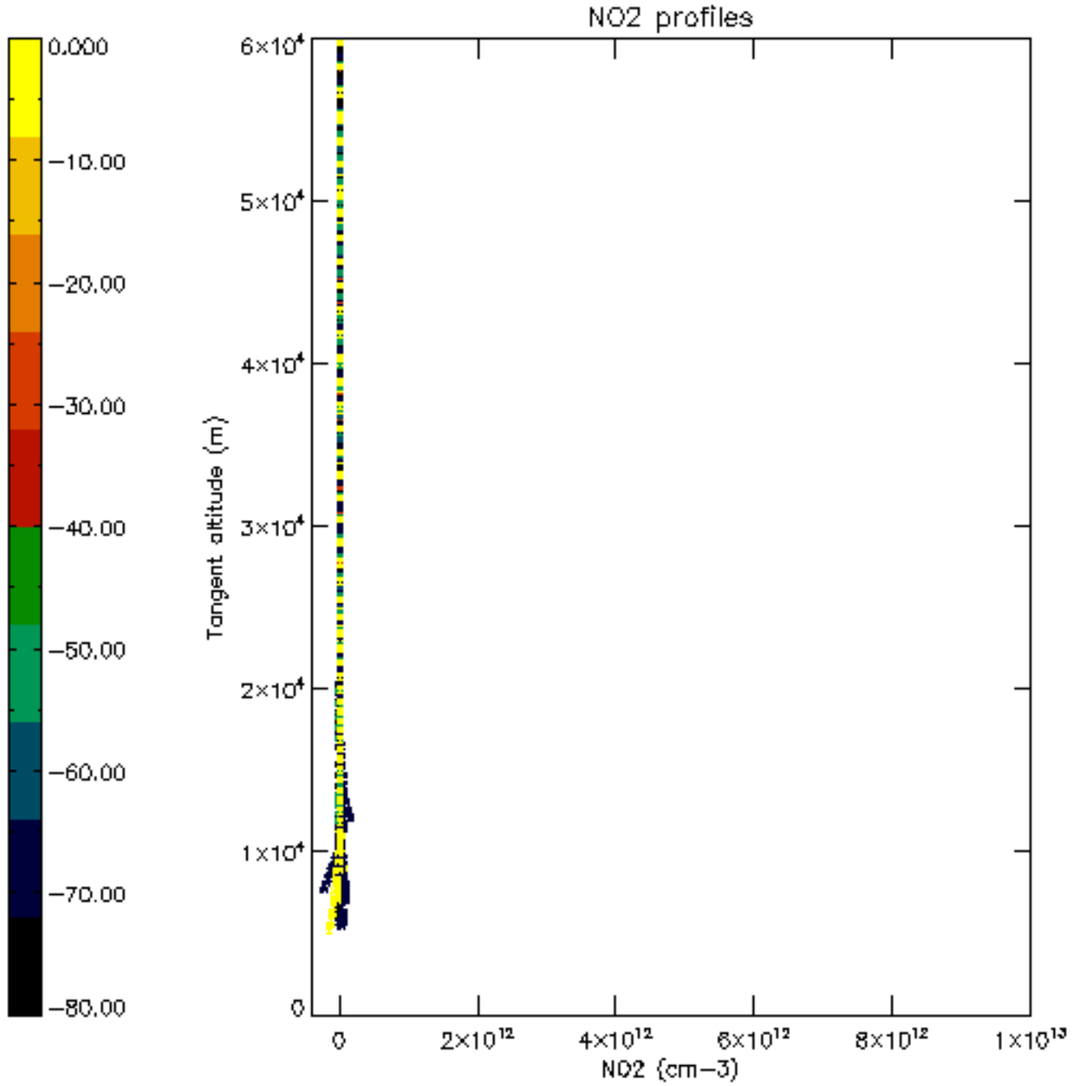

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

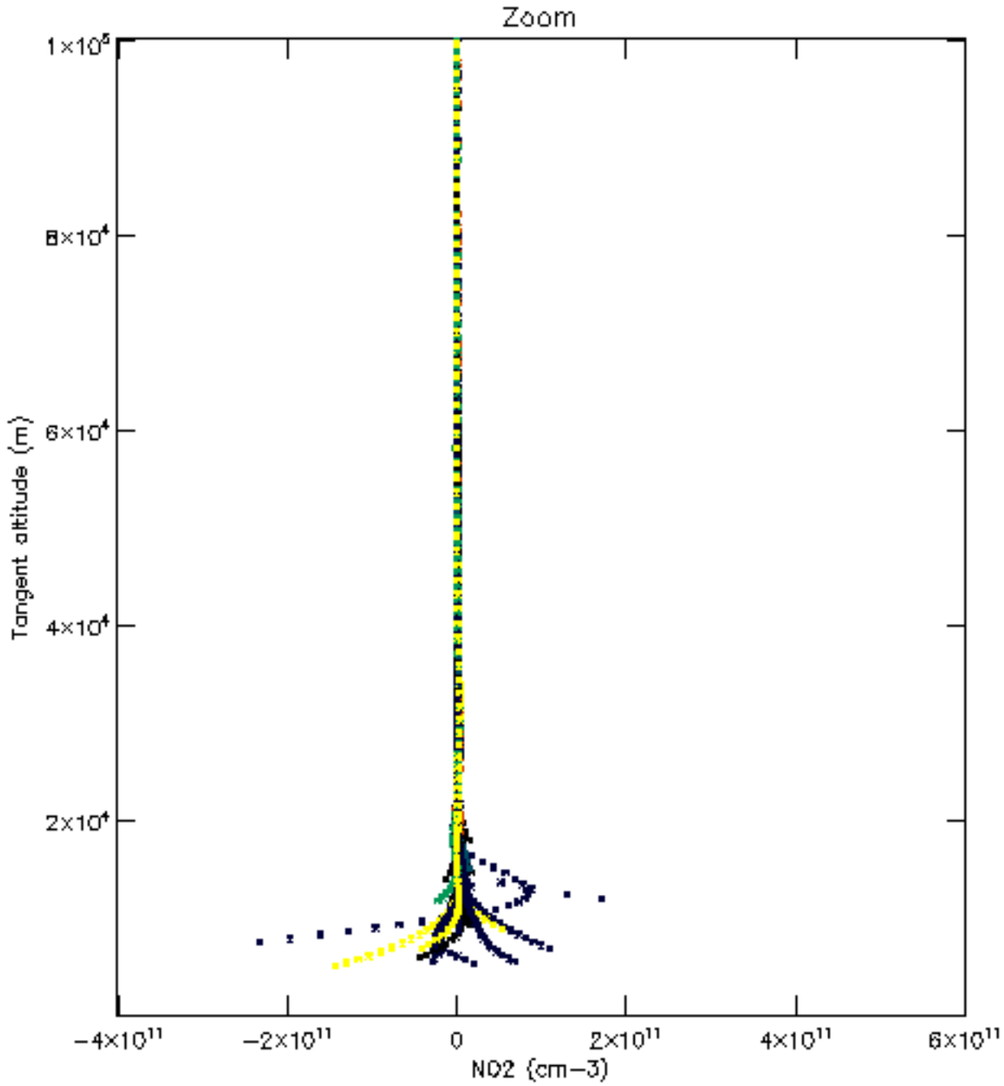

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

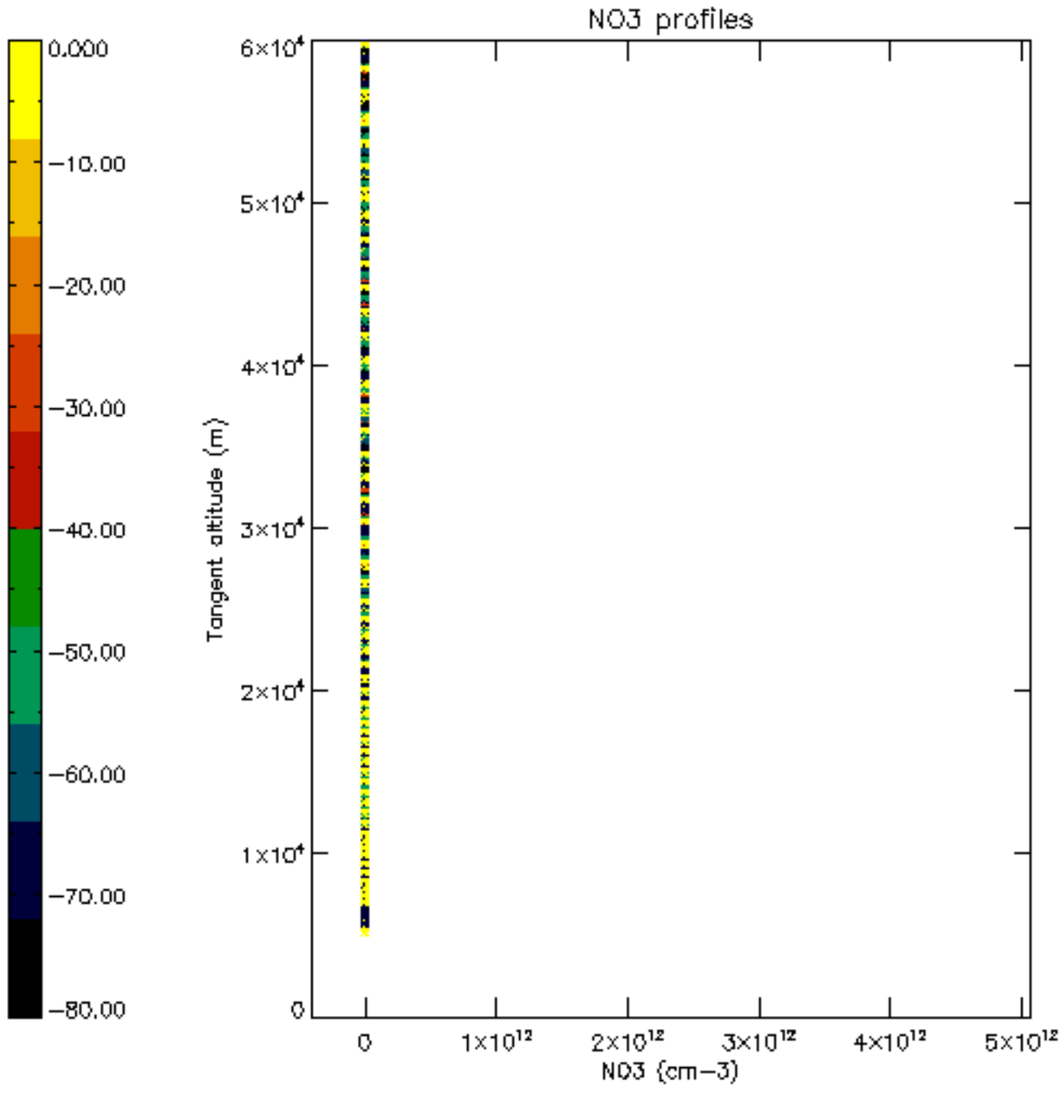

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
Ozone (cm−3)

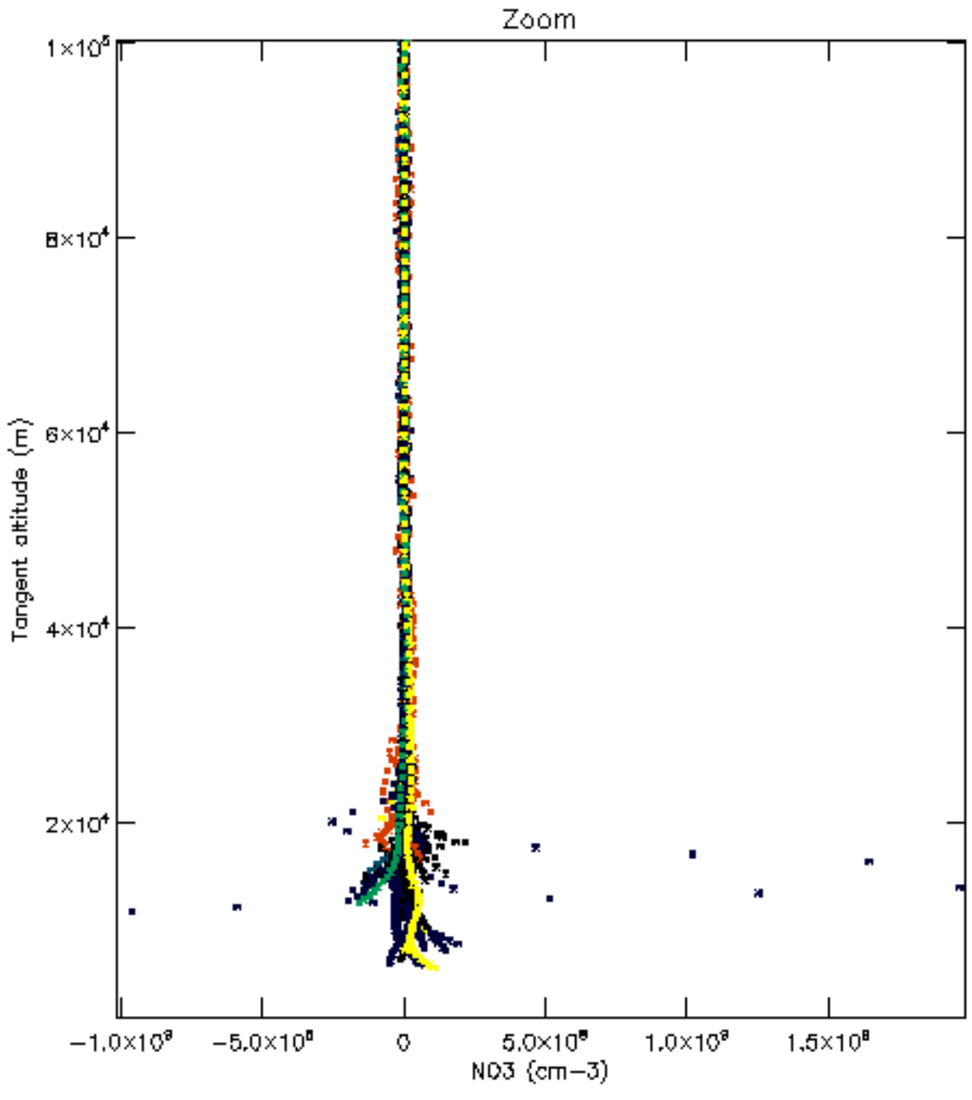

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

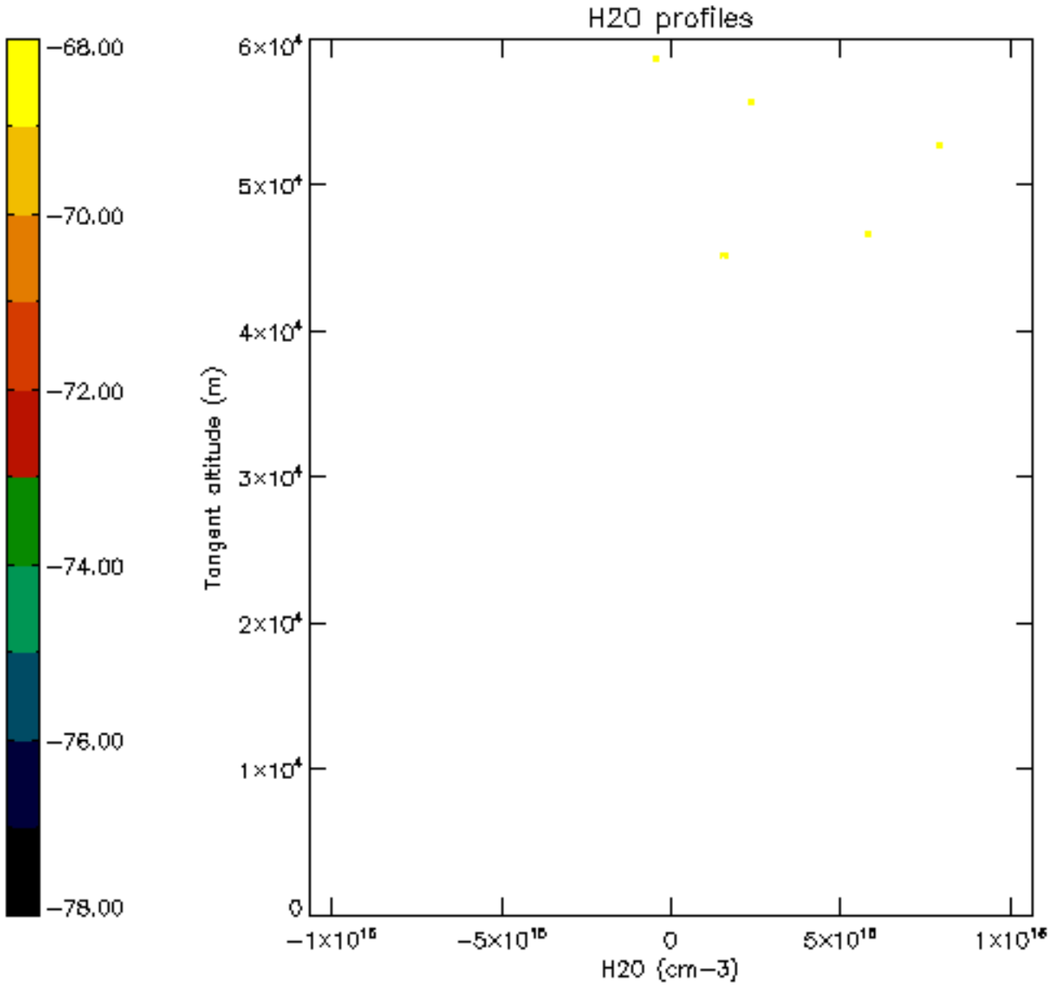

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

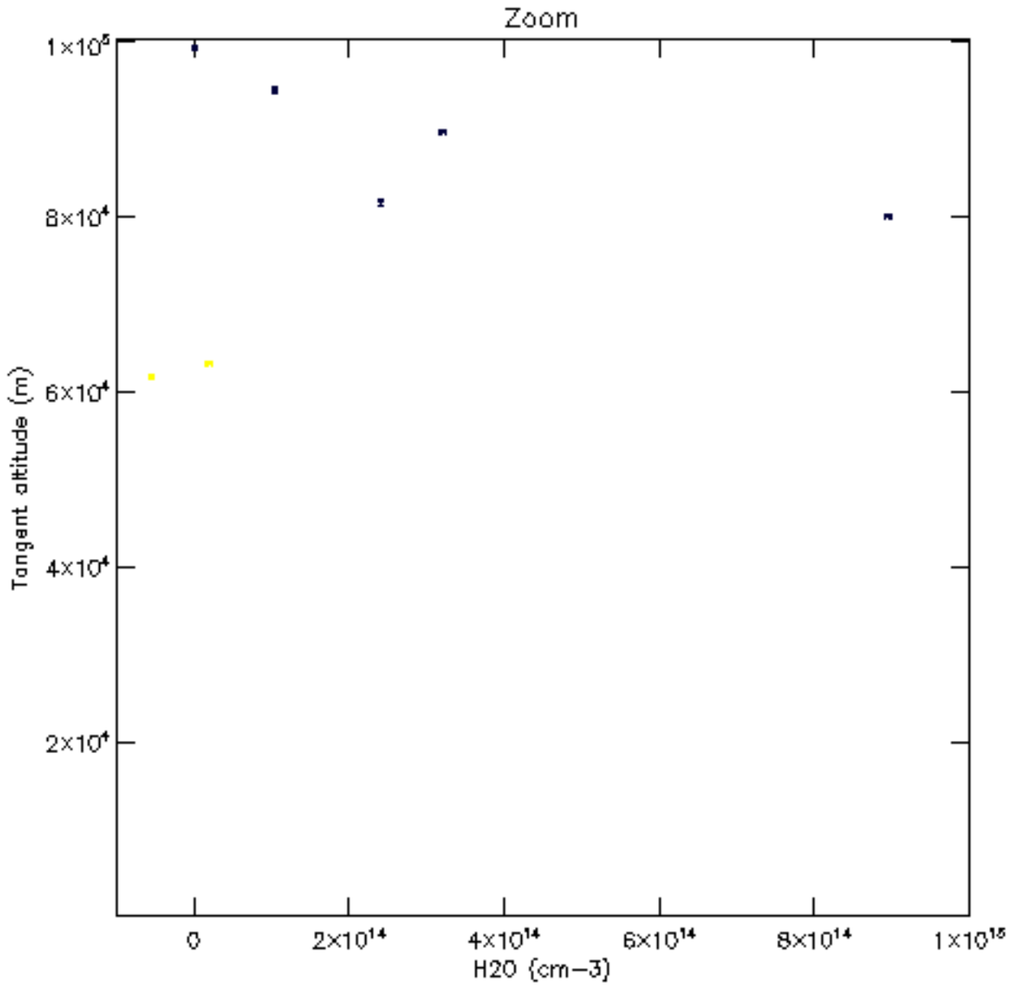

NO2 profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

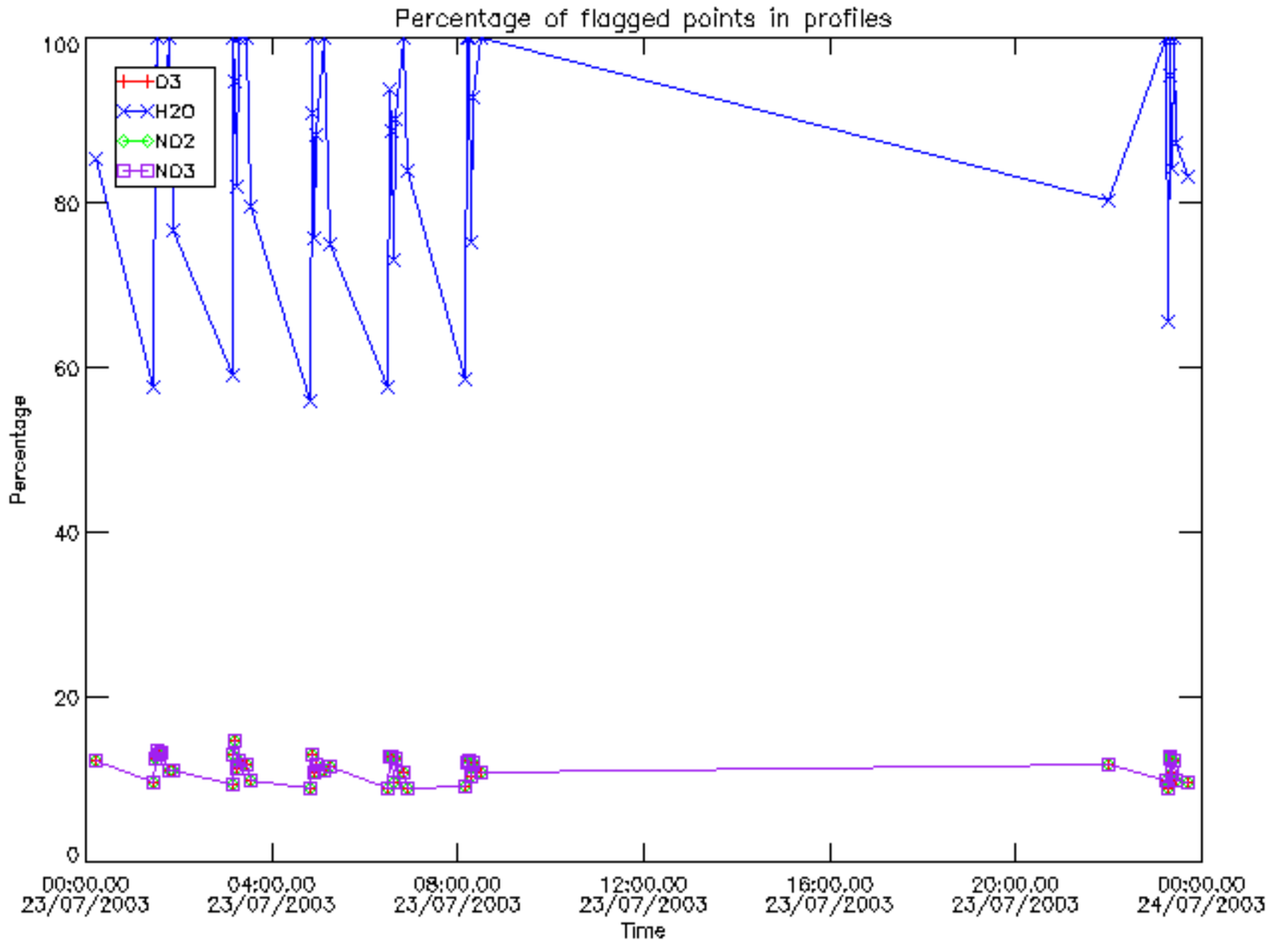

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


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)

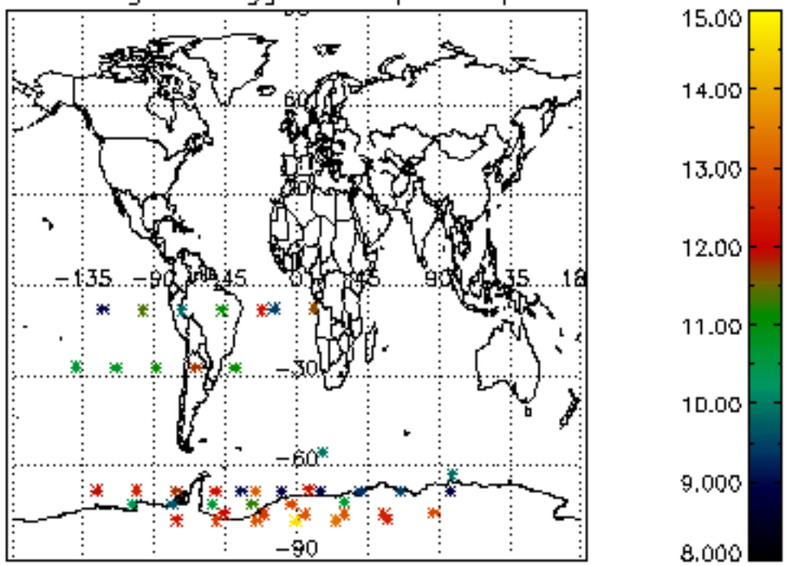

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


H2O profiles
−68.00
−70.00
−72.00
−74.00
−76.00
−78.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁵
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)

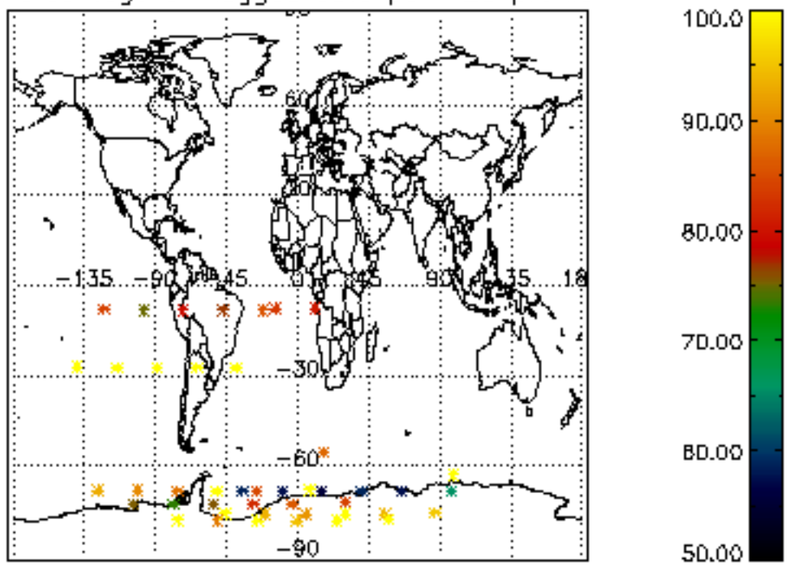

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
23/07/2003
04:00.00
23/07/2003
08:00.00
23/07/2003
12:00.00
23/07/2003
16:00.00
23/07/2003
20:00.00
23/07/2003
00:00.00
24/07/2003
Time

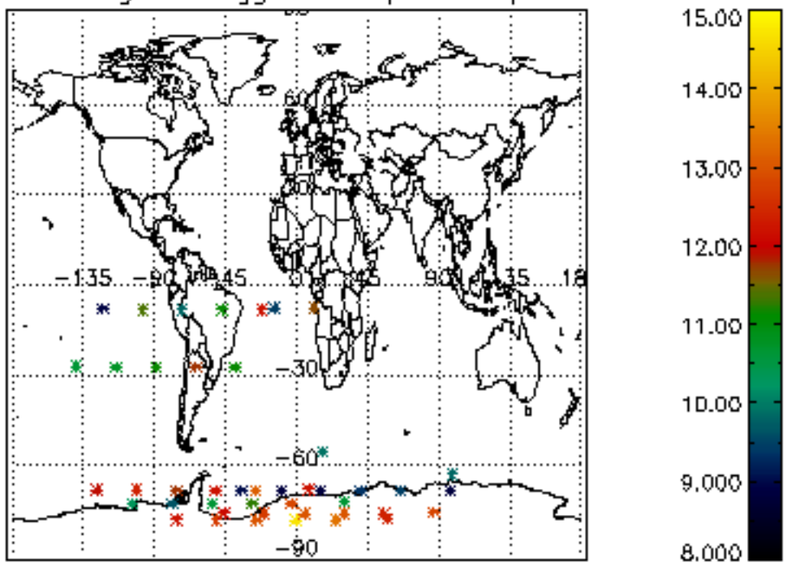
Percentage of flagged data per O3 profile



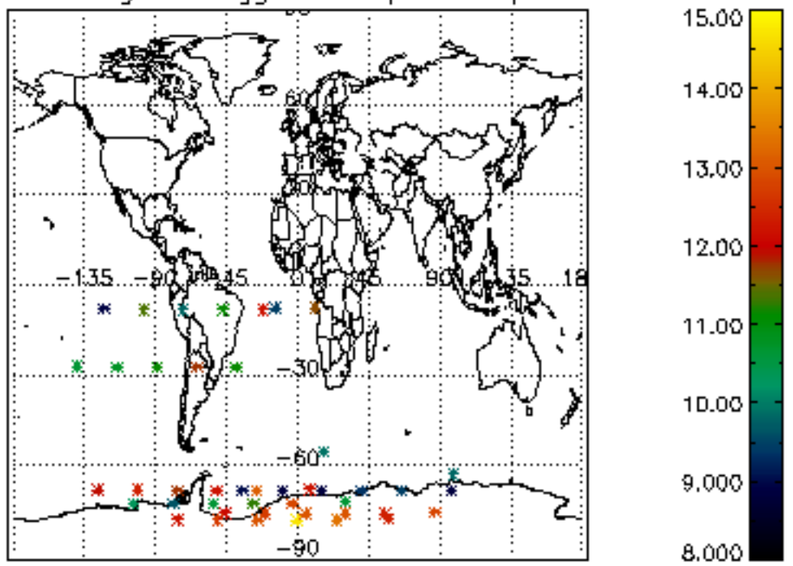
Percentage of flagged data per H2O profile

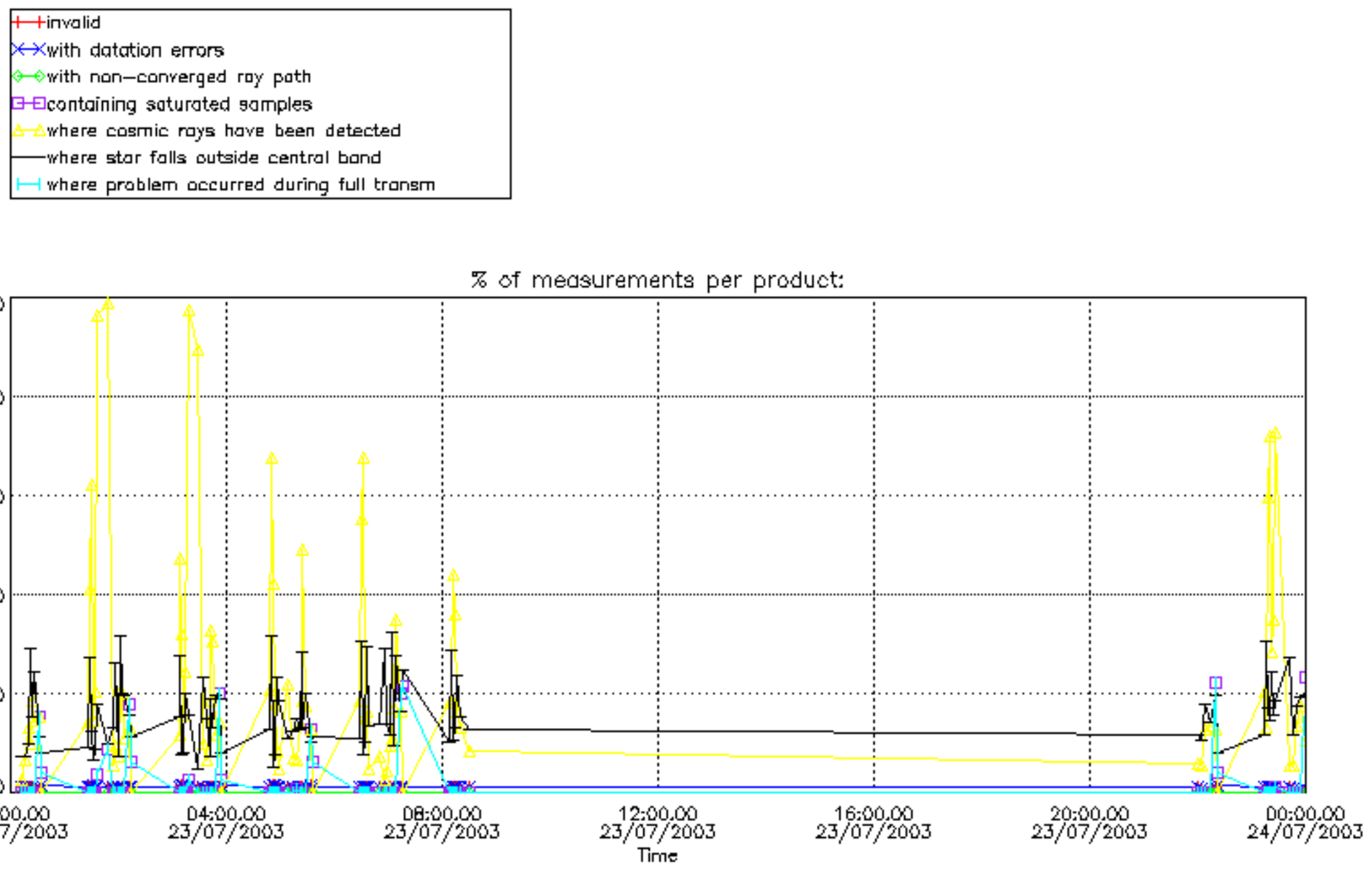


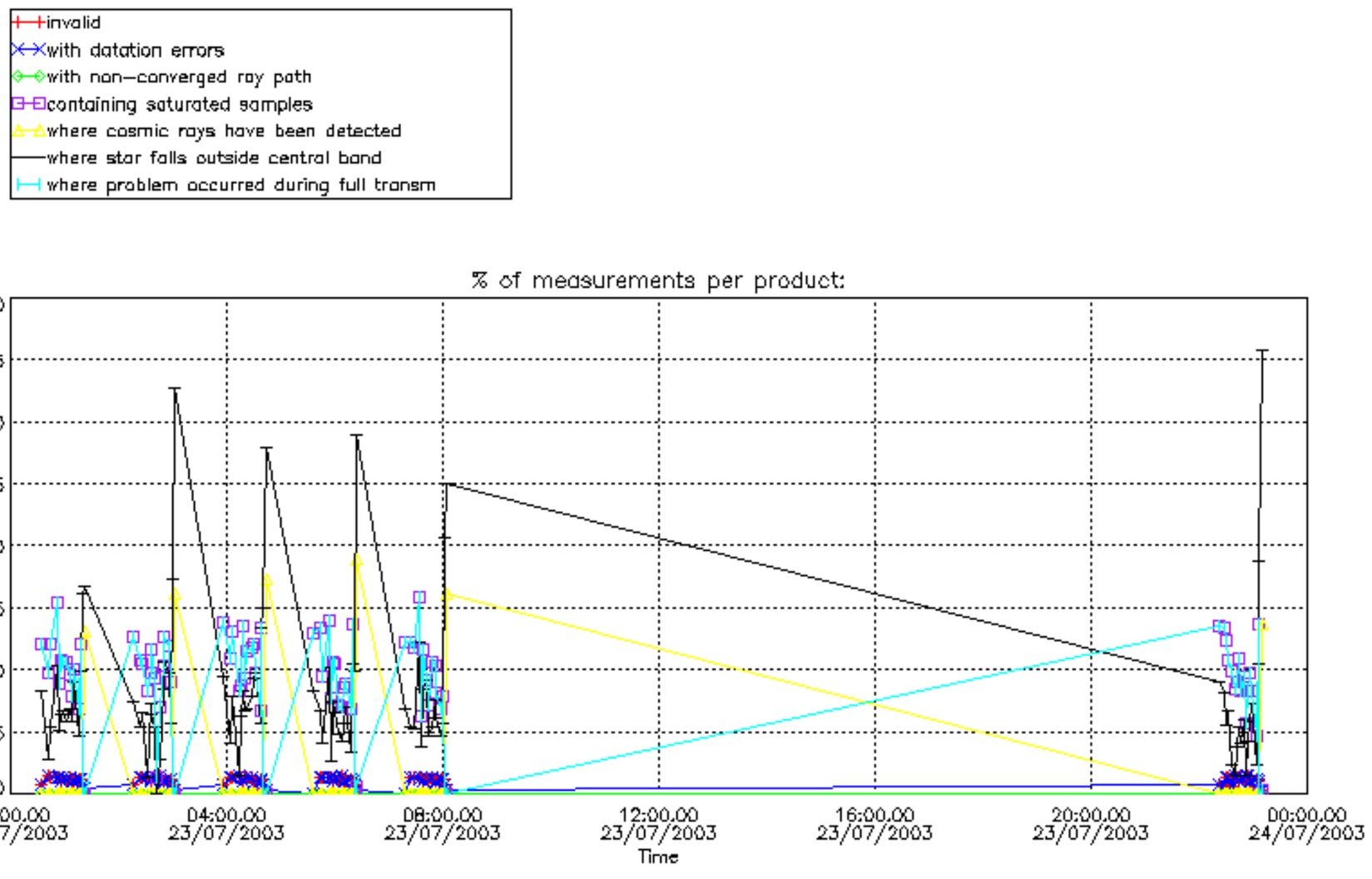
Percentage of flagged data per NO2 profile



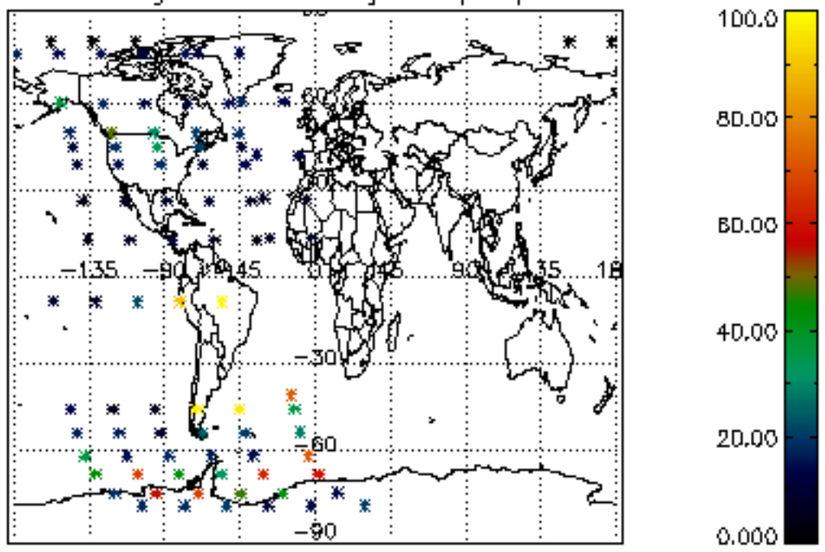
Percentage of flagged data per NO3 profile



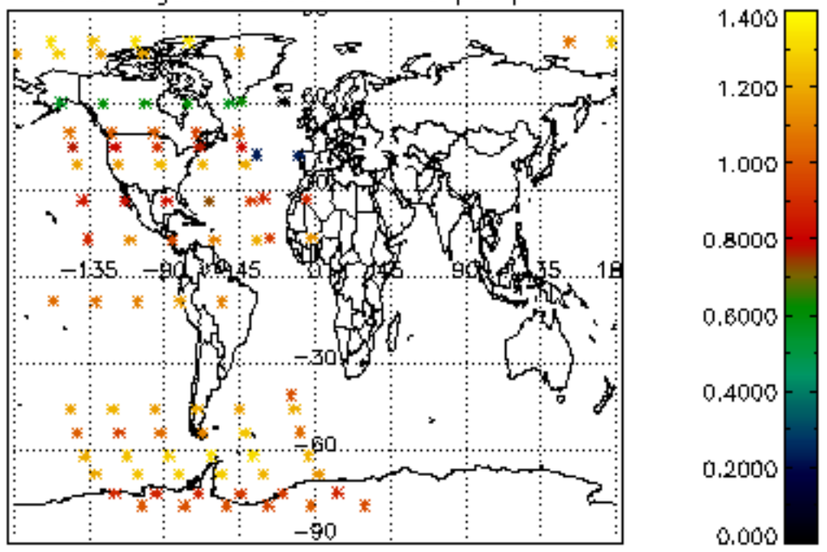

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
23/07/2003
04:00.00
23/07/2003
08:00.00
23/07/2003
12:00.00
23/07/2003
16:00.00
23/07/2003
20:00.00
23/07/2003
00:00.00
24/07/2003
Time


invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
40
35
30
25
20
15
10
5
0
value (%)
00:00.00
23/07/2003
04:00.00
23/07/2003
08:00.00
23/07/2003
12:00.00
23/07/2003
16:00.00
23/07/2003
20:00.00
23/07/2003
00:00.00
24/07/2003
Time

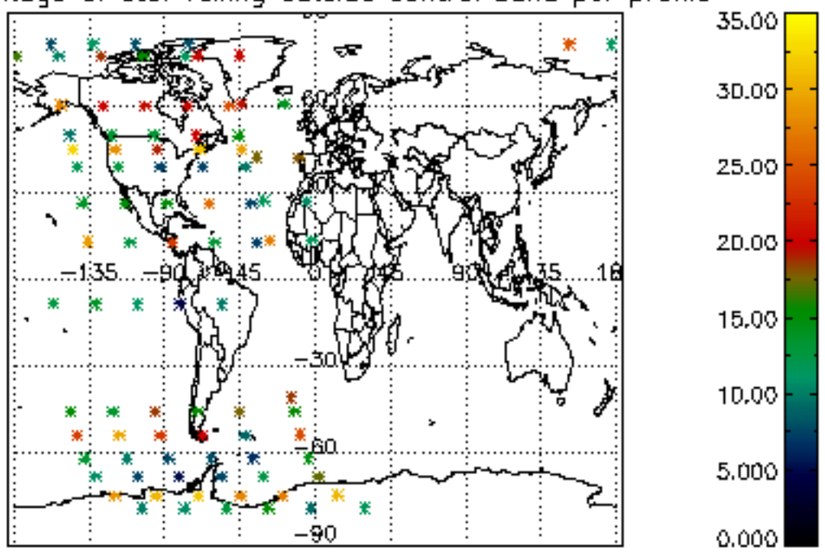
Percentage of cosmic ray hits per profile



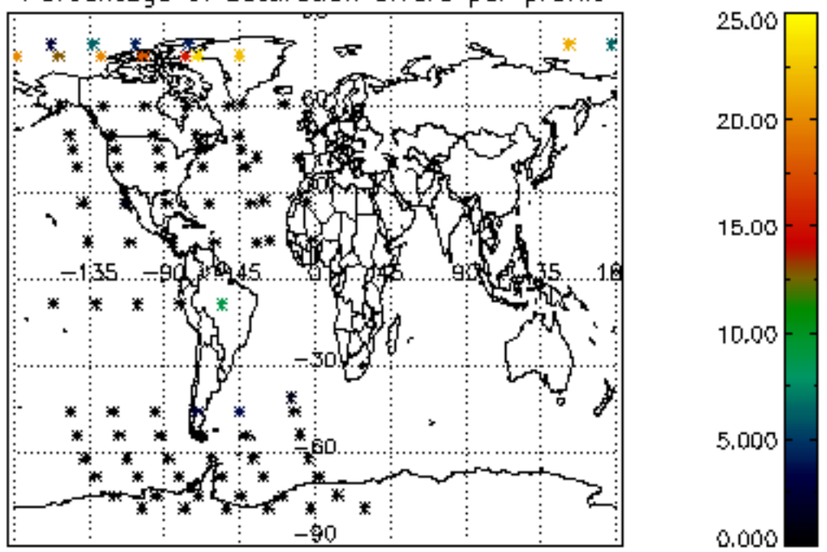
Percentage of datation errors per profile

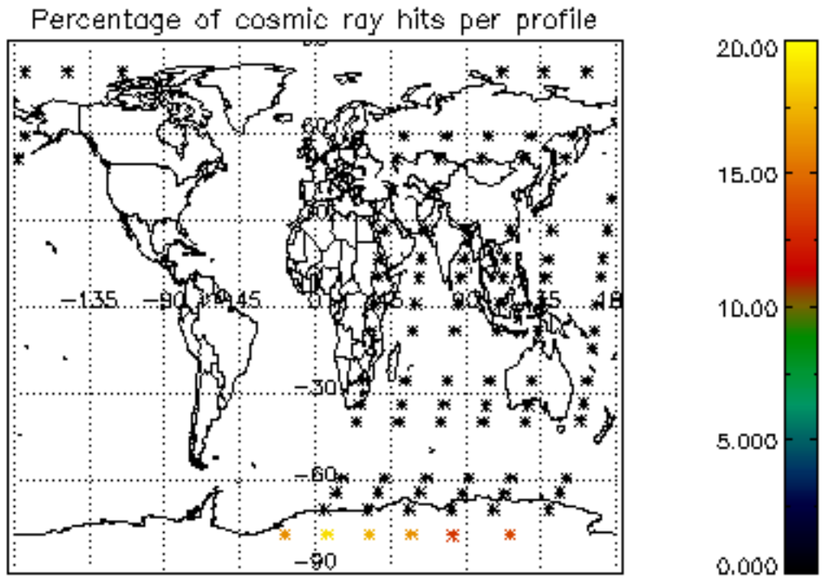


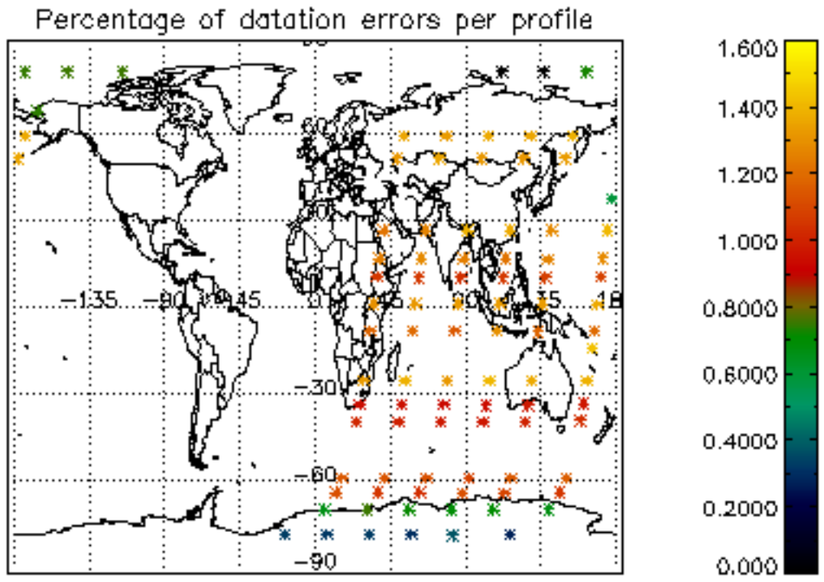
Percentage of star falling outside central band per profile

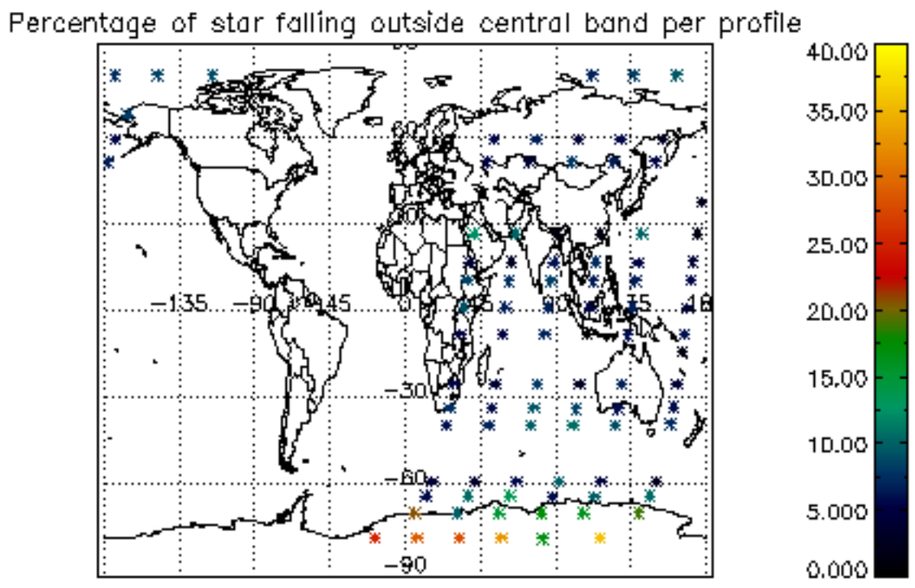


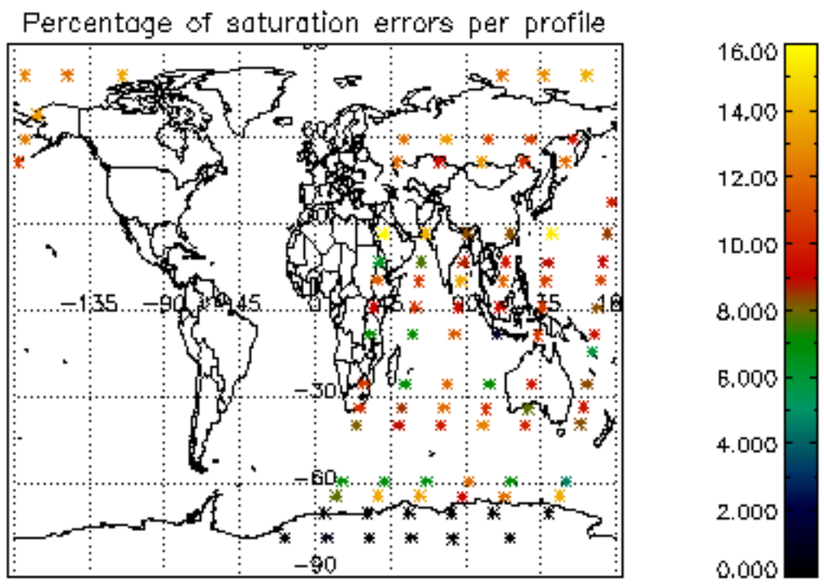
Percentage of saturation errors per profile

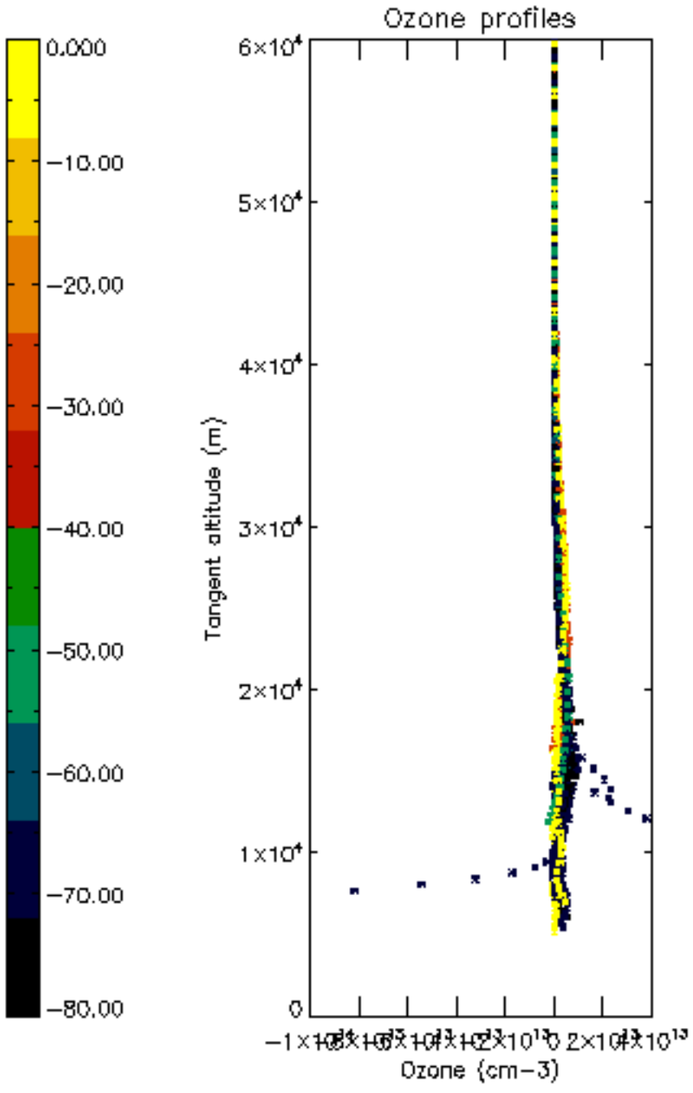


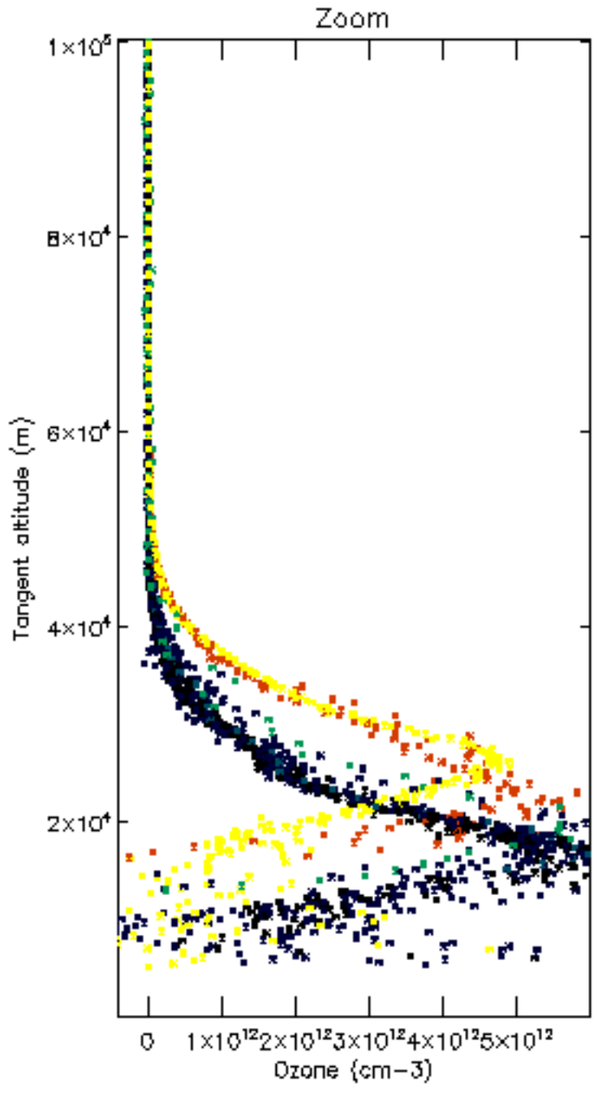

Percentage of cosmic ray hits per profile
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

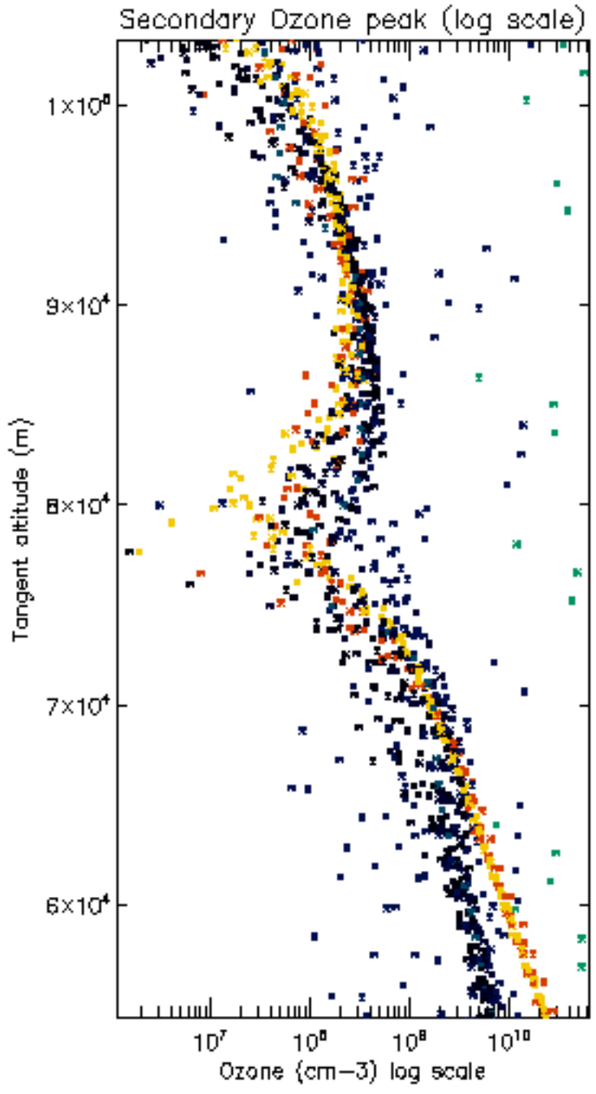

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

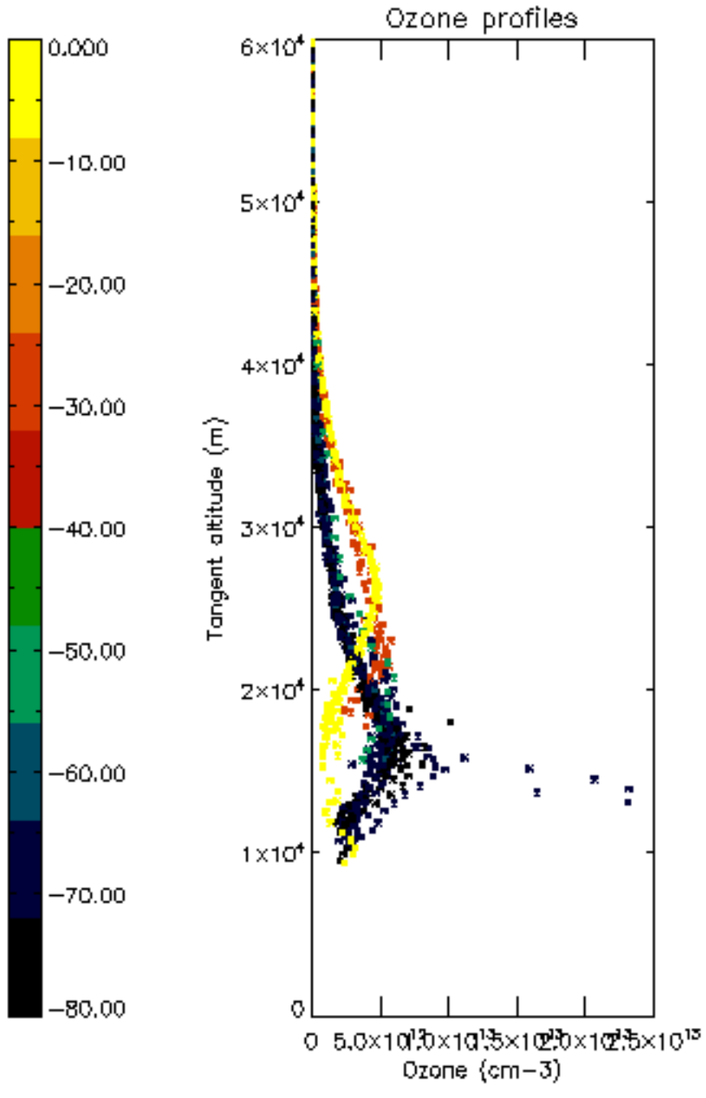

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

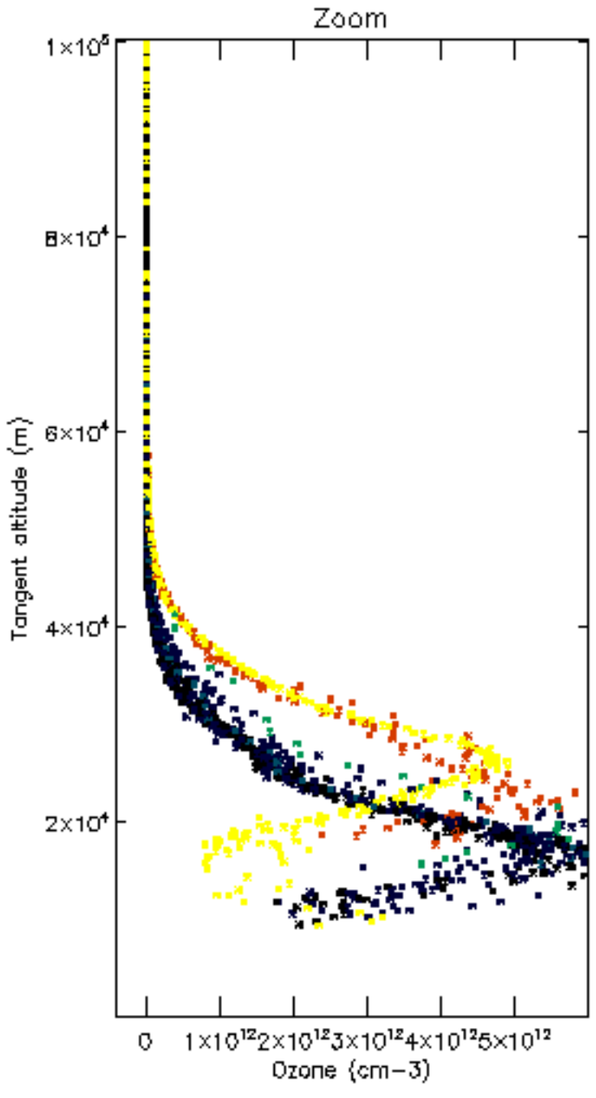

Percentage of saturation errors per profile
16.00
14.00
12.00
10.00
8.000
6.000
4.000
2.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

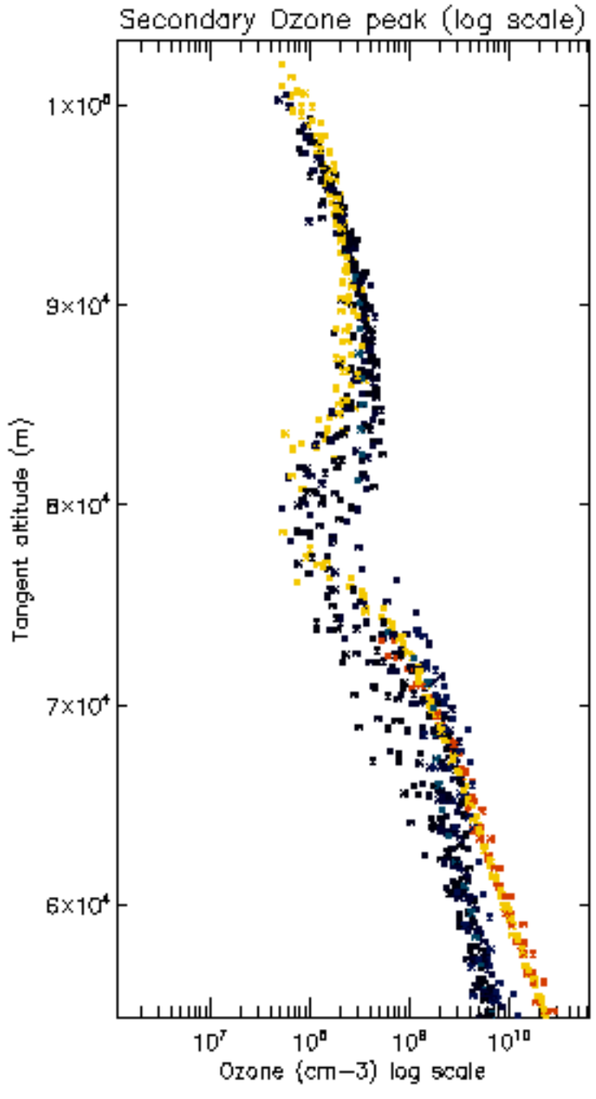

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)

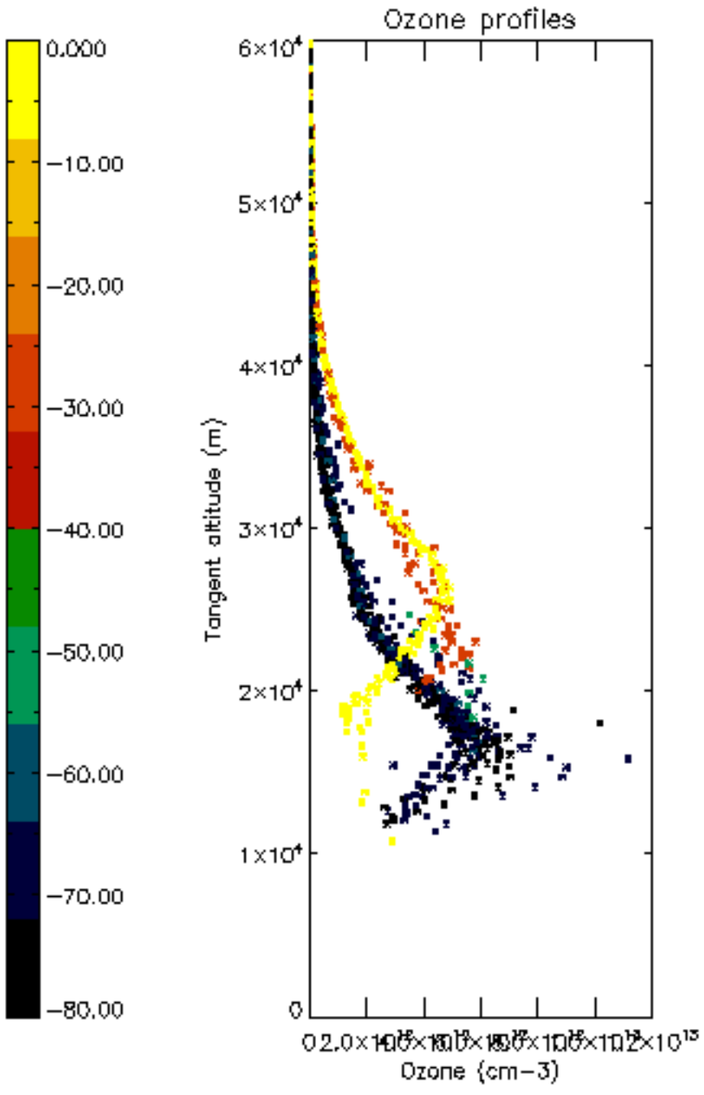

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

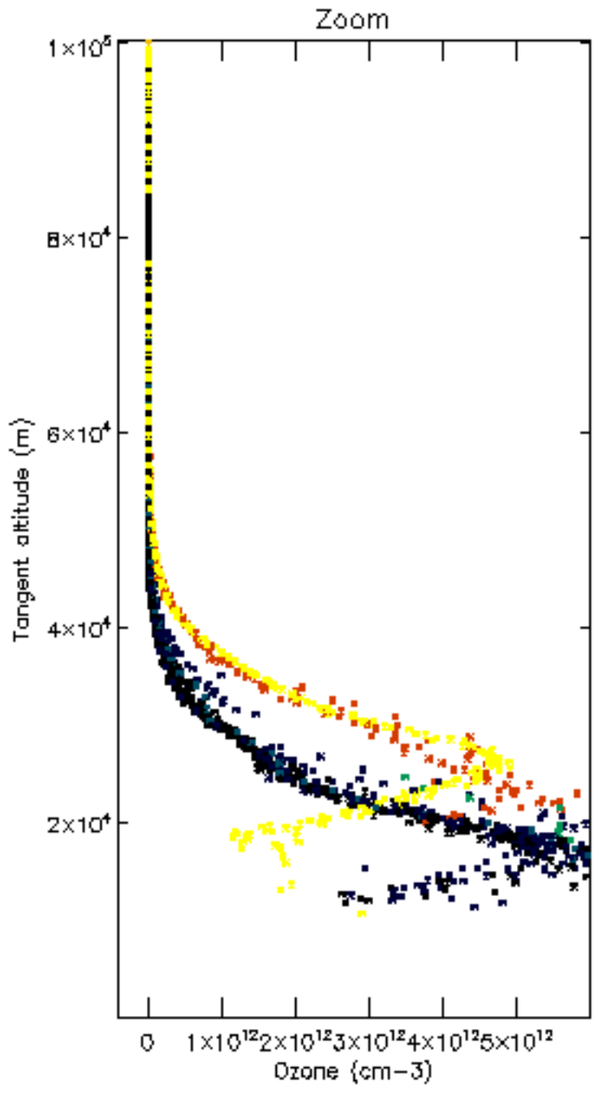

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

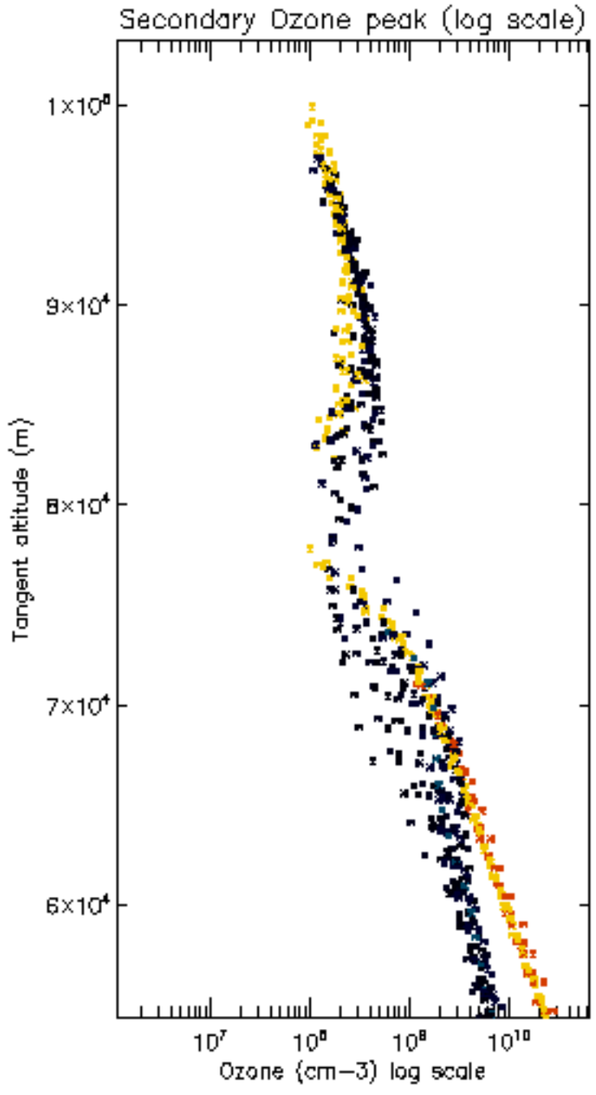

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0
5.0×10¹²
1.0×10¹³
1.5×10¹³
2.0×10¹³
2.5×10¹³
Ozone (cm−3)

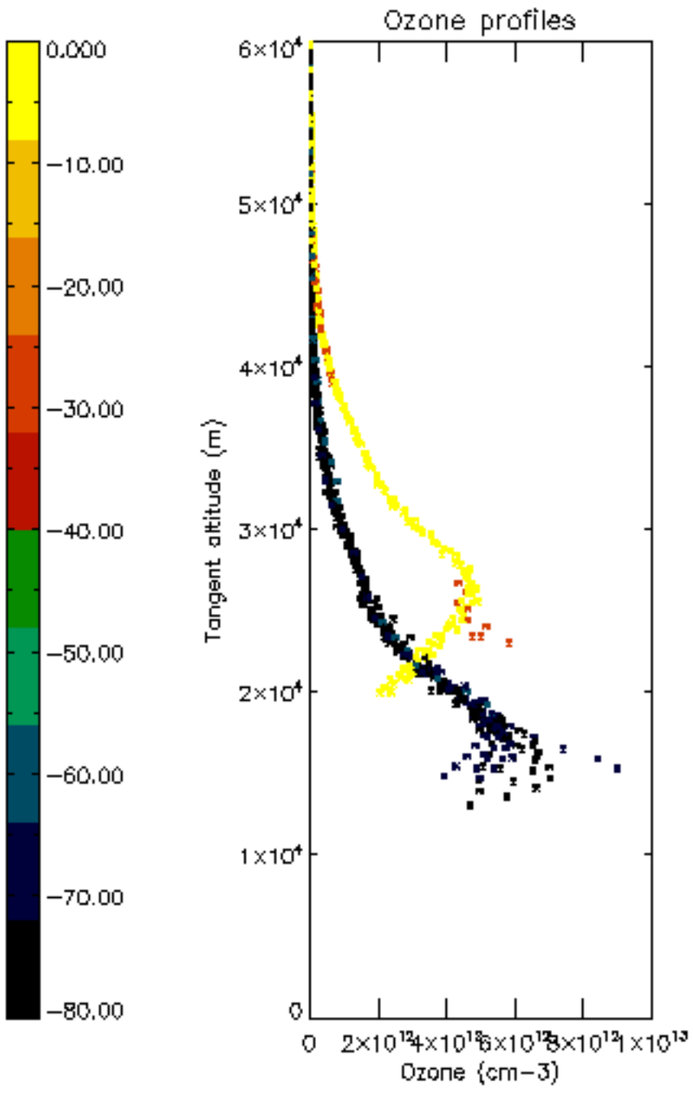

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

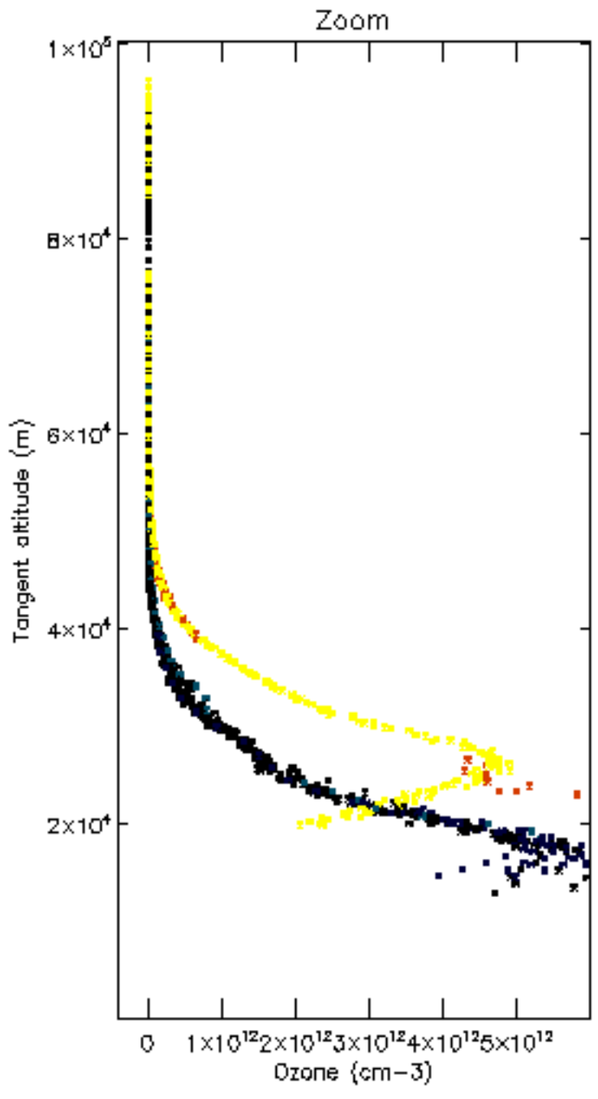

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

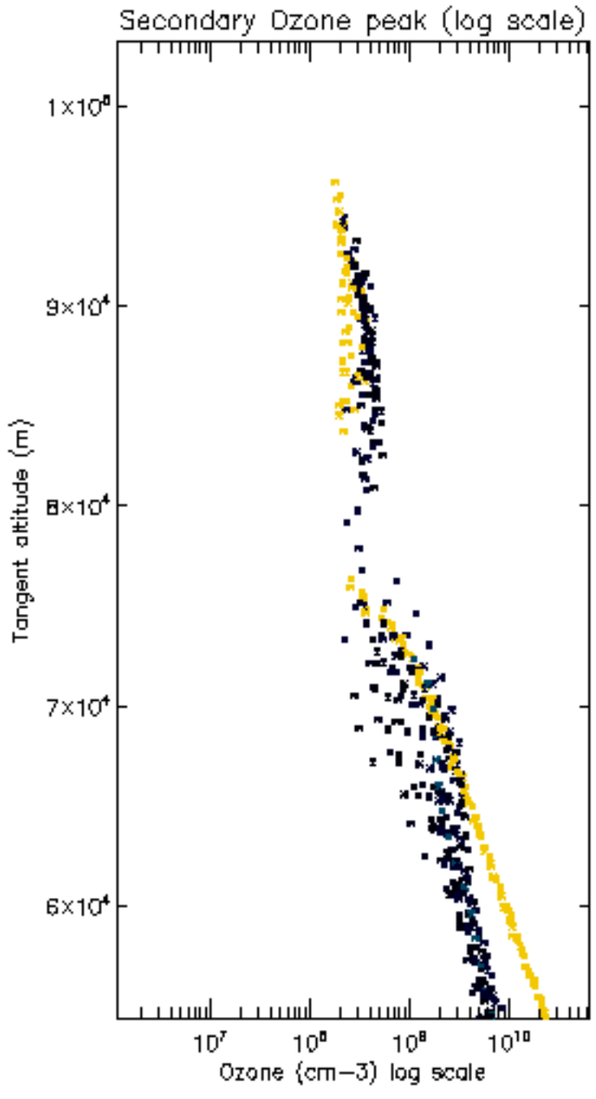

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0
Ozone (cm−3)

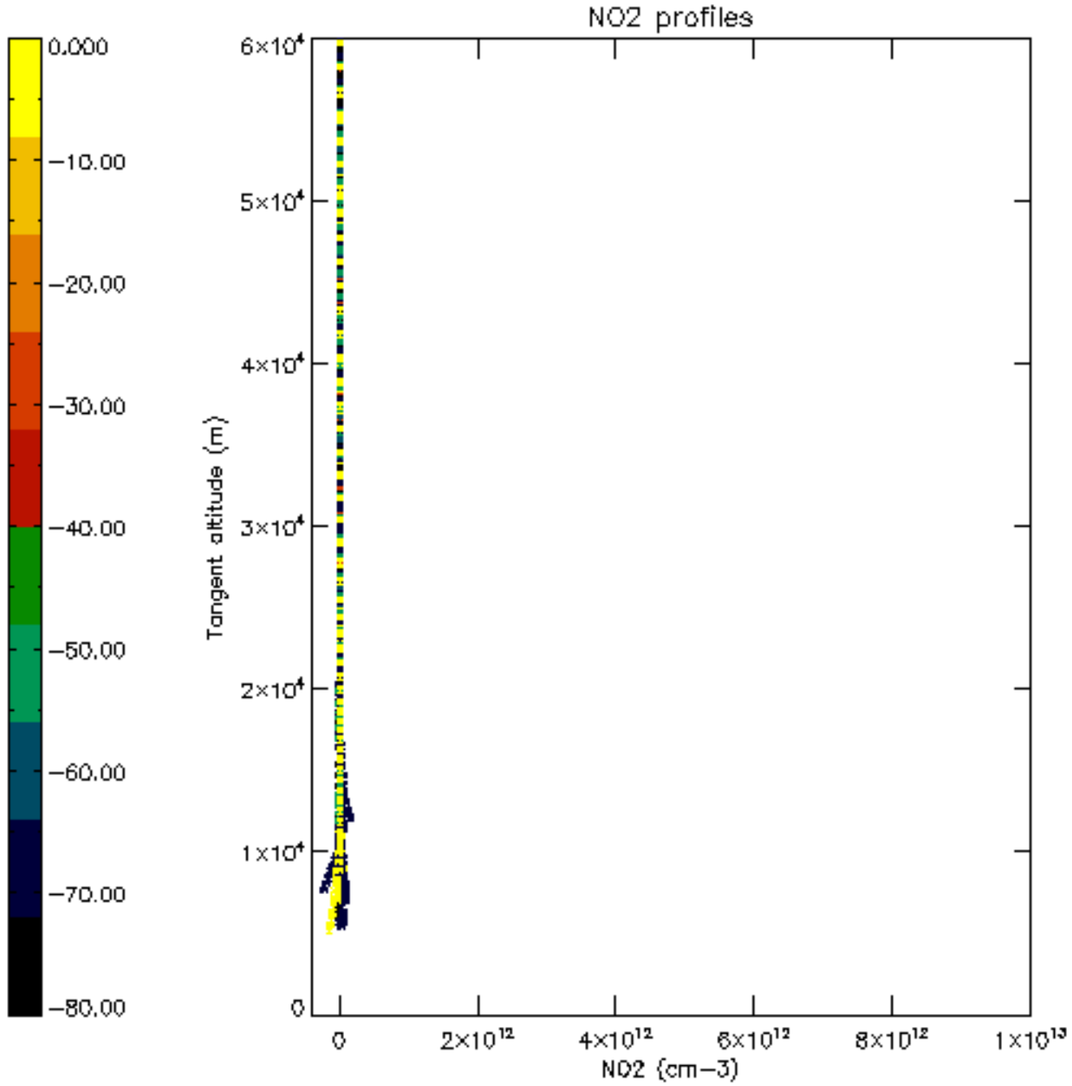

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

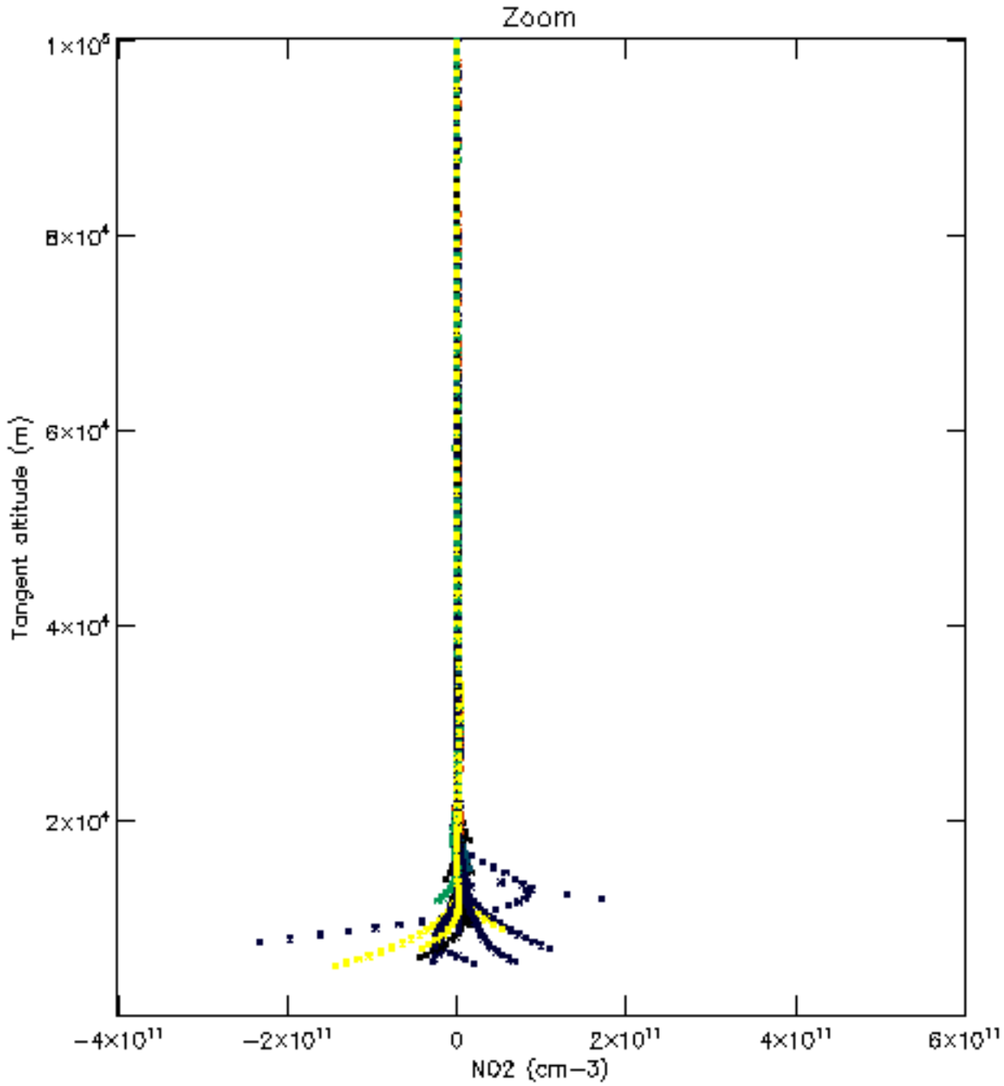

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

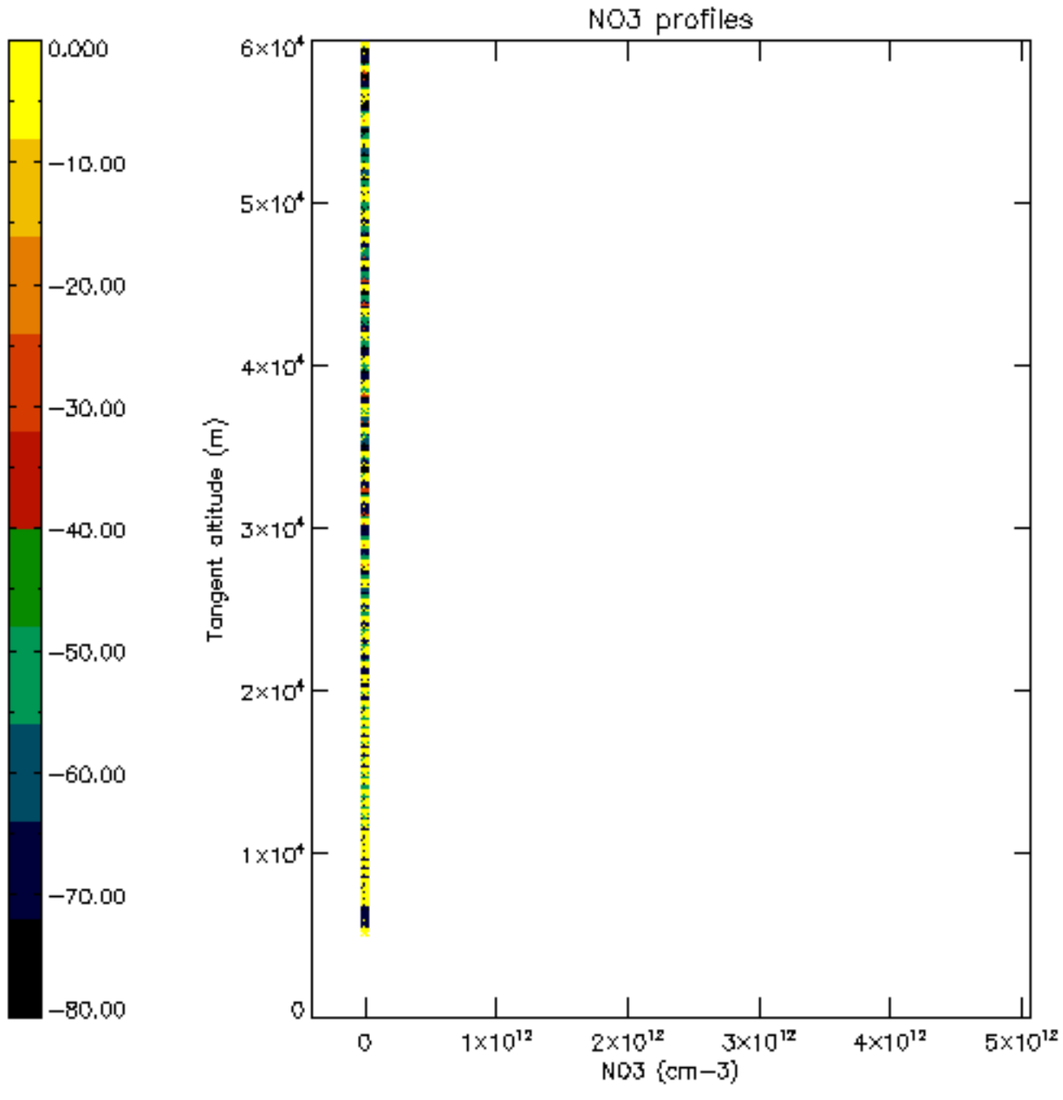

0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
Ozone (cm−3)

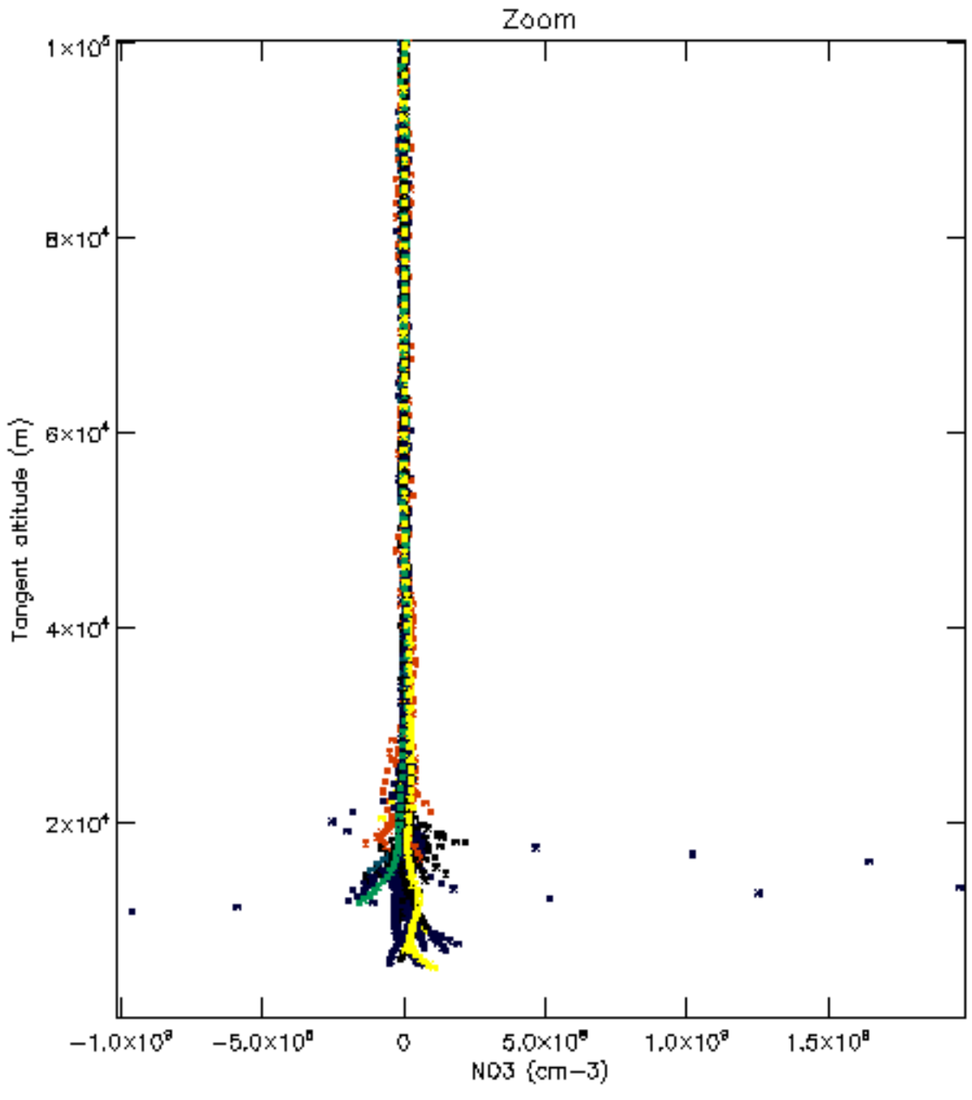

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

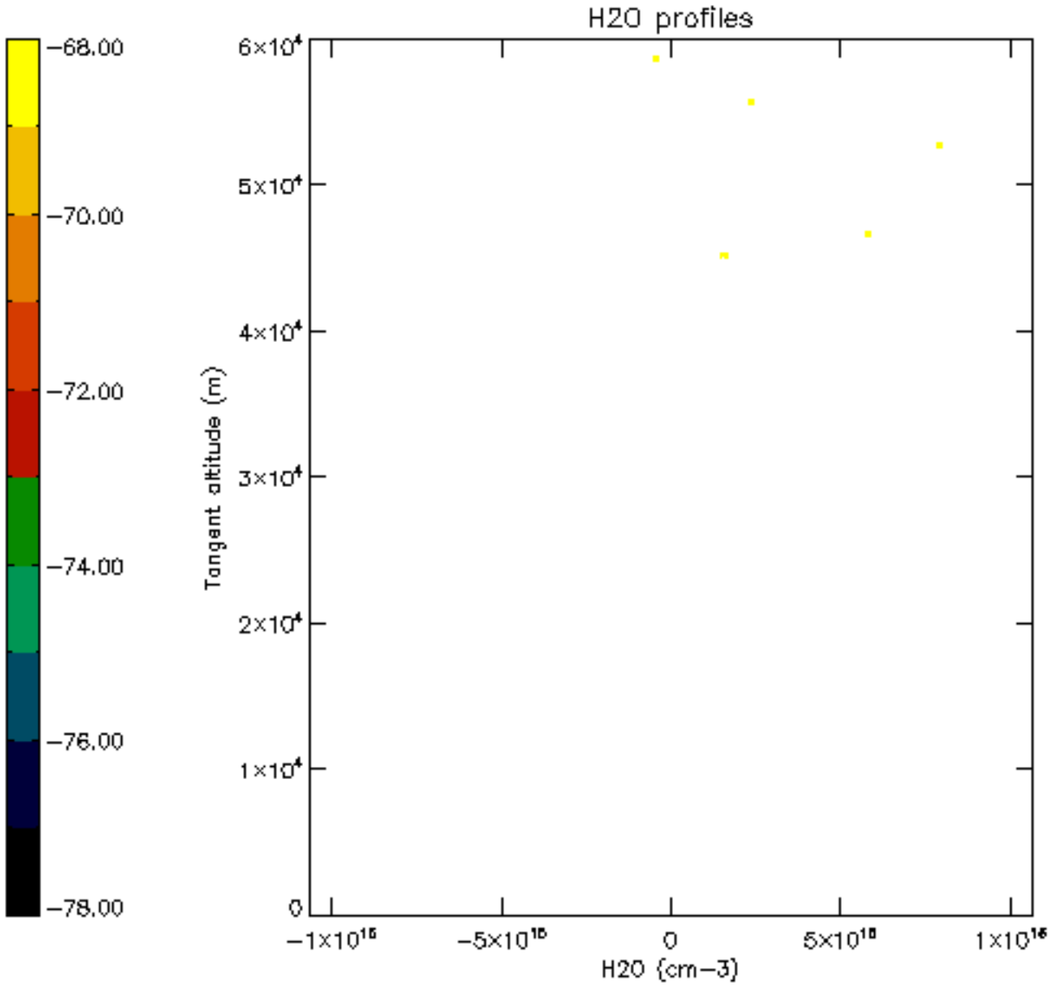

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

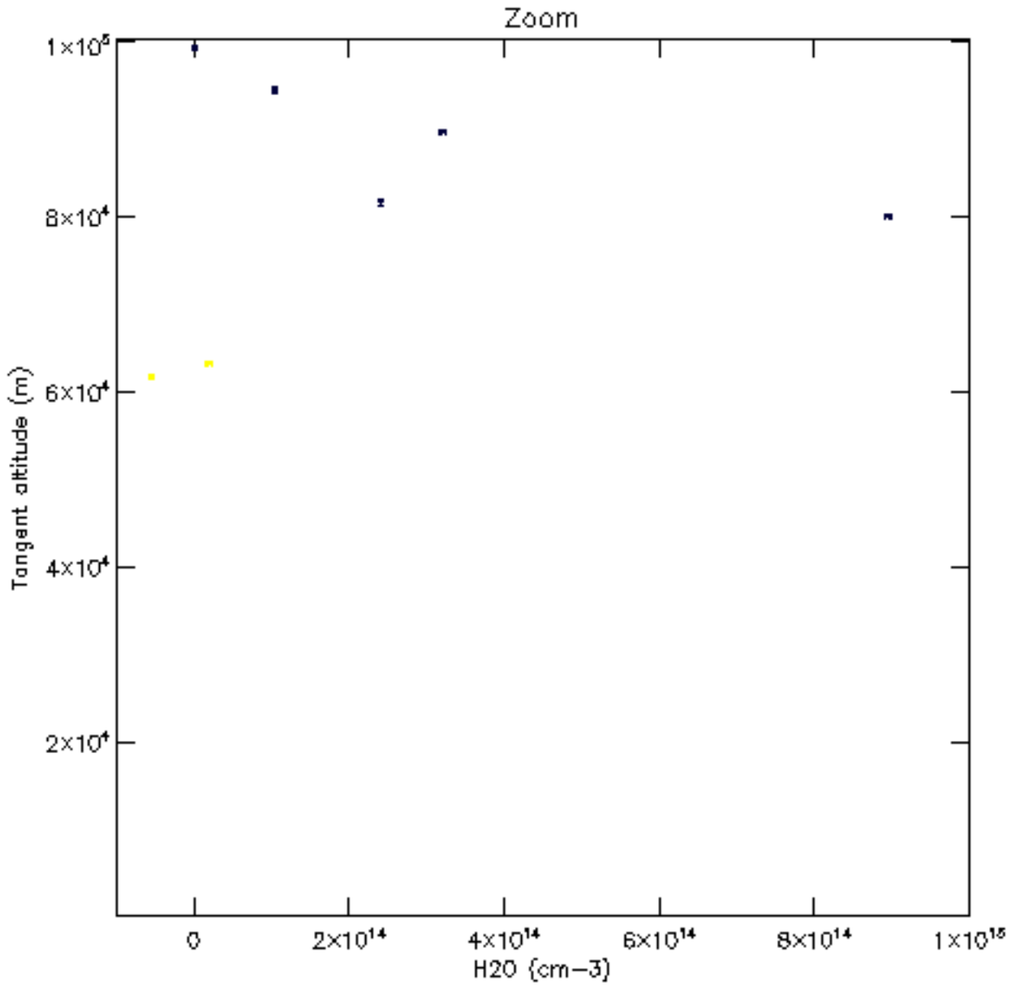

NO2 profiles
0.000
−10.00
−20.00
−30.00
−40.00
−50.00
−60.00
−70.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


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
−68.00
−70.00
−72.00
−74.00
−76.00
−78.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁵
−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)