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	24APR2013 12:48:27
Data source version	GOMOS/6.01
Start time of products	24-04-2011 (24APR2011 00:00:00)
Stop time of products	25-04-2011 (25APR2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	271
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__2PRFIN20110424_000127_000000393101_00404_47832_7387.N1	24-APR-2011 00:01:27	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	47832	No
2	GOM_NL__2PRFIN20110424_000918_000000433101_00404_47832_7388.N1	24-APR-2011 00:09:18	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	47832	No
3	GOM_NL__2PRFIN20110424_001900_000000423101_00404_47832_7389.N1	24-APR-2011 00:19:00	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	47832	No
4	GOM_NL__2PRFIN20110424_002412_000000553101_00404_47832_7390.N1	24-APR-2011 00:24:12	Bright	54.500	19	50Alp Cyg	1.2460	10500.	109	47832	No
5	GOM_NL__2PRFIN20110424_002907_000000663101_00404_47832_7391.N1	24-APR-2011 00:29:07	Twi_and_stray	66.000	92	53Eps Cyg	2.5000	4500.0	132	47832	No
6	GOM_NL__2PRFIN20110424_003727_000000593101_00404_47832_7392.N1	24-APR-2011 00:37:27	Dark	58.500	61	8Eps Peg	2.1000	3900.0	117	47832	No
7	GOM_NL__2PRFIN20110424_003955_000000493101_00404_47832_7393.N1	24-APR-2011 00:39:55	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	47832	No
8	GOM_NL__2PRFIN20110424_004303_000000573101_00404_47832_7394.N1	24-APR-2011 00:43:03	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	47832	No
9	GOM_NL__2PRFIN20110424_010124_000000583101_00405_47833_7400.N1	24-APR-2011 01:01:24	Dark	58.000	103	38Zet Sgr	2.6000	9700.0	116	47833	No
10	GOM_NL__2PRFIN20110424_010429_000000633101_00405_47833_7401.N1	24-APR-2011 01:04:29	Dark	63.000	38	20Eps Sgr	1.8360	11000.	126	47833	No
11	GOM_NL__2PRFIN20110424_010747_000000613101_00405_47833_7402.N1	24-APR-2011 01:07:47	Straylight	61.000	25	35Lam Sco	1.6200	28000.	122	47833	No
12	GOM_NL__2PRFIN20110424_011117_000000663101_00405_47833_7403.N1	24-APR-2011 01:11:17	Straylight	65.500	75	26Eps Sco	2.2910	4250.0	131	47833	No
13	GOM_NL__2PRFIN20110424_011521_000000643101_00405_47833_7404.N1	24-APR-2011 01:15:21	Twi_and_stray	64.000	16	21Alp Sco	1.0200	3000.0	128	47833	No
14	GOM_NL__2PRFIN20110424_011757_000000703101_00405_47833_7405.N1	24-APR-2011 01:17:57	Twi_and_stray	69.500	80	7Del Sco	2.3160	30000.	139	47833	No
15	GOM_NL__2PRFIN20110424_012129_000000513101_00405_47833_7406.N1	24-APR-2011 01:21:29	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	47833	No
16	GOM_NL__2PRFIN20110424_012404_000000563101_00405_47833_7407.N1	24-APR-2011 01:24:04	Bright	55.500	104	27Bet Lib	2.6140	13100.	111	47833	No
17	GOM_NL__2PRFIN20110424_013241_000000423101_00405_47833_7408.N1	24-APR-2011 01:32:41	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	47833	No
18	GOM_NL__2PRFIN20110424_013657_000000733101_00405_47833_7409.N1	24-APR-2011 01:36:57	Bright	73.000	83		2.3780	11000.	146	47833	No
19	GOM_NL__2PRFIN20110424_013950_000000443101_00405_47833_7410.N1	24-APR-2011 01:39:50	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	47833	No
20	GOM_NL__2PRFIN20110424_014140_000000403101_00405_47833_7411.N1	24-APR-2011 01:41:40	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	47833	No
21	GOM_NL__2PRFIN20110424_014931_000000473101_00405_47833_7412.N1	24-APR-2011 01:49:31	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	47833	No
22	GOM_NL__2PRFIN20110424_015913_000000413101_00405_47833_7413.N1	24-APR-2011 01:59:13	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	47833	No
23	GOM_NL__2PRFIN20110424_020426_000000563101_00405_47833_7414.N1	24-APR-2011 02:04:26	Bright	55.500	19	50Alp Cyg	1.2460	10500.	111	47833	No
24	GOM_NL__2PRFIN20110424_020921_000000683101_00405_47833_7415.N1	24-APR-2011 02:09:21	Twi_and_stray	68.000	92	53Eps Cyg	2.5000	4500.0	136	47833	No
25	GOM_NL__2PRFIN20110424_021742_000000603101_00405_47833_7416.N1	24-APR-2011 02:17:42	Dark	60.000	61	8Eps Peg	2.1000	3900.0	120	47833	No
26	GOM_NL__2PRFIN20110424_022010_000000473101_00405_47833_7417.N1	24-APR-2011 02:20:10	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	47833	No
27	GOM_NL__2PRFIN20110424_022318_000000533101_00405_47833_7418.N1	24-APR-2011 02:23:18	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	47833	No
28	GOM_NL__2PRFIN20110424_024140_000000563101_00406_47834_7418.N1	24-APR-2011 02:41:40	Dark	56.000	103	38Zet Sgr	2.6000	9700.0	112	47834	No
29	GOM_NL__2PRFIN20110424_024445_000000673101_00406_47834_7419.N1	24-APR-2011 02:44:45	Dark	66.500	38	20Eps Sgr	1.8360	11000.	133	47834	No
30	GOM_NL__2PRFIN20110424_024803_000000623101_00406_47834_7420.N1	24-APR-2011 02:48:03	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	47834	No
31	GOM_NL__2PRFIN20110424_025132_000000653101_00406_47834_7421.N1	24-APR-2011 02:51:32	Straylight	65.000	75	26Eps Sco	2.2910	4250.0	130	47834	No
32	GOM_NL__2PRFIN20110424_025535_000000673101_00406_47834_7422.N1	24-APR-2011 02:55:35	Twi_and_stray	67.000	16	21Alp Sco	1.0200	3000.0	134	47834	No
33	GOM_NL__2PRFIN20110424_025811_000000703101_00406_47834_7423.N1	24-APR-2011 02:58:11	Twi_and_stray	70.000	80	7Del Sco	2.3160	30000.	140	47834	No
34	GOM_NL__2PRFIN20110424_030143_000000483101_00406_47834_7424.N1	24-APR-2011 03:01:43	Bright	48.000	122	9Alp2Lib	2.7470	9700.0	96	47834	No
35	GOM_NL__2PRFIN20110424_030418_000000543101_00406_47834_7425.N1	24-APR-2011 03:04:18	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	47834	No
36	GOM_NL__2PRFIN20110424_031254_000000423101_00406_47834_7426.N1	24-APR-2011 03:12:54	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	47834	No
37	GOM_NL__2PRFIN20110424_031711_000000503101_00406_47834_7427.N1	24-APR-2011 03:17:11	Bright	49.500	83		2.3780	11000.	99	47834	No
38	GOM_NL__2PRFIN20110424_032003_000000453101_00406_47834_7428.N1	24-APR-2011 03:20:03	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	47834	No
39	GOM_NL__2PRFIN20110424_032154_000000403101_00406_47834_7429.N1	24-APR-2011 03:21:54	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	47834	No
40	GOM_NL__2PRFIN20110424_032944_000000453101_00406_47834_7430.N1	24-APR-2011 03:29:44	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	47834	No
41	GOM_NL__2PRFIN20110424_033927_000000423101_00406_47834_7431.N1	24-APR-2011 03:39:27	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	47834	No
42	GOM_NL__2PRFIN20110424_034440_000000603101_00406_47834_7432.N1	24-APR-2011 03:44:40	Bright	60.000	19	50Alp Cyg	1.2460	10500.	120	47834	No

43	GOM_NL__2PRFIN20110424_034935_000000653101_00406_47834_7433.N1	24-APR-2011 03:49:35	Twi_and_stray	65.000	92	53Eps Cyg	2.5000	4500.0	130	47834	No
44	GOM_NL__2PRFIN20110424_035756_000000563101_00406_47834_7434.N1	24-APR-2011 03:57:56	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	47834	No
45	GOM_NL__2PRFIN20110424_040024_000000483101_00406_47834_7435.N1	24-APR-2011 04:00:24	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	47834	No
46	GOM_NL__2PRFIN20110424_040333_000000563101_00406_47834_7436.N1	24-APR-2011 04:03:33	Dark	55.500	154	22Bet Aqr	2.8990	5700.0	111	47834	No
47	GOM_NL__2PRFIN20110424_042156_000000563101_00407_47835_7467.N1	24-APR-2011 04:21:56	Dark	56.000	103	38Zet Sgr	2.6000	9700.0	112	47835	No
48	GOM_NL__2PRFIN20110424_042500_000000723101_00407_47835_7468.N1	24-APR-2011 04:25:00	Dark	71.500	38	20Eps Sgr	1.8360	11000.	143	47835	No
49	GOM_NL__2PRFIN20110424_042818_000000583101_00407_47835_7469.N1	24-APR-2011 04:28:18	Straylight	57.500	25	35Lam Sco	1.6200	28000.	115	47835	No
50	GOM_NL__2PRFIN20110424_043146_000000663101_00407_47835_7470.N1	24-APR-2011 04:31:46	Straylight	65.500	75	26Eps Sco	2.2910	4250.0	131	47835	No
51	GOM_NL__2PRFIN20110424_043550_000000673101_00407_47835_7471.N1	24-APR-2011 04:35:50	Twi_and_stray	67.000	16	21Alp Sco	1.0200	3000.0	134	47835	No
52	GOM_NL__2PRFIN20110424_043826_000000693101_00407_47835_7472.N1	24-APR-2011 04:38:26	Twi_and_stray	68.500	80	7Del Sco	2.3160	30000.	137	47835	No
53	GOM_NL__2PRFIN20110424_044158_000000523101_00407_47835_7473.N1	24-APR-2011 04:41:58	Bright	51.500	122	9Alp2Lib	2.7470	9700.0	103	47835	No
54	GOM_NL__2PRFIN20110424_044432_000000563101_00407_47835_7474.N1	24-APR-2011 04:44:32	Bright	55.500	104	27Bet Lib	2.6140	13100.	111	47835	No
55	GOM_NL__2PRFIN20110424_045308_000000423101_00407_47835_7475.N1	24-APR-2011 04:53:08	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	47835	No
56	GOM_NL__2PRFIN20110424_045724_000000503101_00407_47835_7476.N1	24-APR-2011 04:57:24	Bright	50.000	83		2.3780	11000.	100	47835	No
57	GOM_NL__2PRFIN20110424_050016_000000443101_00407_47835_7477.N1	24-APR-2011 05:00:16	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	47835	No
58	GOM_NL__2PRFIN20110424_050208_000000413101_00407_47835_7478.N1	24-APR-2011 05:02:08	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	47835	No
59	GOM_NL__2PRFIN20110424_050958_000000463101_00407_47835_7479.N1	24-APR-2011 05:09:58	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	47835	No
60	GOM_NL__2PRFIN20110424_051941_000000463101_00407_47835_7480.N1	24-APR-2011 05:19:41	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	47835	No
61	GOM_NL__2PRFIN20110424_052453_000000543101_00407_47835_7481.N1	24-APR-2011 05:24:53	Bright	54.000	19	50Alp Cyg	1.2460	10500.	108	47835	No
62	GOM_NL__2PRFIN20110424_052949_000000693101_00407_47835_7482.N1	24-APR-2011 05:29:49	Twi_and_stray	69.000	92	53Eps Cyg	2.5000	4500.0	138	47835	No
63	GOM_NL__2PRFIN20110424_053811_000000613101_00407_47835_7483.N1	24-APR-2011 05:38:11	Dark	60.500	61	8Eps Peg	2.1000	3900.0	121	47835	No
64	GOM_NL__2PRFIN20110424_054039_000000513101_00407_47835_7484.N1	24-APR-2011 05:40:39	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	47835	No
65	GOM_NL__2PRFIN20110424_054348_000000593101_00407_47835_7485.N1	24-APR-2011 05:43:48	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	47835	No
66	GOM_NL__2PRFIN20110424_060211_000000533101_00408_47836_7516.N1	24-APR-2011 06:02:11	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	47836	No
67	GOM_NL__2PRFIN20110424_060516_000000713101_00408_47836_7517.N1	24-APR-2011 06:05:16	Dark	71.000	38	20Eps Sgr	1.8360	11000.	142	47836	No
68	GOM_NL__2PRFIN20110424_060833_000000583101_00408_47836_7518.N1	24-APR-2011 06:08:33	Straylight	58.000	25	35Lam Sco	1.6200	28000.	116	47836	No
69	GOM_NL__2PRFIN20110424_061201_000000663101_00408_47836_7519.N1	24-APR-2011 06:12:01	Straylight	66.000	75	26Eps Sco	2.2910	4250.0	132	47836	No
70	GOM_NL__2PRFIN20110424_061605_000000703101_00408_47836_7520.N1	24-APR-2011 06:16:05	Twi_and_stray	70.000	16	21Alp Sco	1.0200	3000.0	140	47836	No
71	GOM_NL__2PRFIN20110424_061840_000000723101_00408_47836_7521.N1	24-APR-2011 06:18:40	Twi_and_stray	72.000	80	7Del Sco	2.3160	30000.	144	47836	No
72	GOM_NL__2PRFIN20110424_062212_000000503101_00408_47836_7522.N1	24-APR-2011 06:22:12	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	47836	No
73	GOM_NL__2PRFIN20110424_062446_000000723101_00408_47836_7523.N1	24-APR-2011 06:24:46	Bright	71.500	104	27Bet Lib	2.6140	13100.	143	47836	No
74	GOM_NL__2PRFIN20110424_063322_000000413101_00408_47836_7524.N1	24-APR-2011 06:33:22	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	47836	No
75	GOM_NL__2PRFIN20110424_063737_000000513101_00408_47836_7525.N1	24-APR-2011 06:37:37	Bright	50.500	83		2.3780	11000.	101	47836	No
76	GOM_NL__2PRFIN20110424_064030_000000423101_00408_47836_7526.N1	24-APR-2011 06:40:30	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	47836	No
77	GOM_NL__2PRFIN20110424_064222_000000413101_00408_47836_7527.N1	24-APR-2011 06:42:22	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	47836	No
78	GOM_NL__2PRFIN20110424_065011_000000453101_00408_47836_7528.N1	24-APR-2011 06:50:11	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	47836	No
79	GOM_NL__2PRFIN20110424_065954_000000393101_00408_47836_7529.N1	24-APR-2011 06:59:54	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	47836	No
80	GOM_NL__2PRFIN20110424_070507_000000533101_00408_47836_7530.N1	24-APR-2011 07:05:07	Bright	53.000	19	50Alp Cyg	1.2460	10500.	106	47836	No
81	GOM_NL__2PRFIN20110424_071003_000000713101_00408_47836_7531.N1	24-APR-2011 07:10:03	Twi_and_stray	71.000	92	53Eps Cyg	2.5000	4500.0	142	47836	No
82	GOM_NL__2PRFIN20110424_071826_000000573101_00408_47836_7532.N1	24-APR-2011 07:18:26	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	47836	No
83	GOM_NL__2PRFIN20110424_072053_000000513101_00408_47836_7533.N1	24-APR-2011 07:20:53	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	47836	No
84	GOM_NL__2PRFIN20110424_072403_000000553101_00408_47836_7534.N1	24-APR-2011 07:24:03	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	47836	No
85	GOM_NL__2PRFIN20110424_074227_000000533101_00409_47837_7623.N1	24-APR-2011 07:42:27	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	47837	No
86	GOM_NL__2PRFIN20110424_074531_000000653101_00409_47837_7624.N1	24-APR-2011 07:45:31	Dark	65.000	38	20Eps Sgr	1.8360	11000.	130	47837	No
87	GOM_NL__2PRFIN20110424_074848_000000603101_00409_47837_7625.N1	24-APR-2011 07:48:48	Straylight	60.000	25	35Lam Sco	1.6200	28000.	120	47837	No
88	GOM_NL__2PRFIN20110424_075216_000000703101_00409_47837_7626.N1	24-APR-2011 07:52:16	Straylight	69.500	75	26Eps Sco	2.2910	4250.0	139	47837	No
89	GOM_NL__2PRFIN20110424_075619_000000703101_00409_47837_7627.N1	24-APR-2011 07:56:19	Twi_and_stray	70.000	16	21Alp Sco	1.0200	3000.0	140	47837	No
90	GOM_NL__2PRFIN20110424_075854_000000703101_00409_47837_7628.N1	24-APR-2011 07:58:54	Twi_and_stray	70.000	80	7Del Sco	2.3160	30000.	140	47837	No
91	GOM_NL__2PRFIN20110424_080226_000000473101_00409_47837_7629.N1	24-APR-2011 08:02:26	Bright	47.000	122	9Alp2Lib	2.7470	9700.0	94	47837	No
92	GOM_NL__2PRFIN20110424_080459_000000563101_00409_47837_7630.N1	24-APR-2011 08:04:59	Bright	56.000	104	27Bet Lib	2.6140	13100.	112	47837	No
93	GOM_NL__2PRFIN20110424_081336_000000433101_00409_47837_7631.N1	24-APR-2011 08:13:36	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	47837	No
94	GOM_NL__2PRFIN20110424_081751_000000503101_00409_47837_7632.N1	24-APR-2011 08:17:51	Bright	50.000	83		2.3780	11000.	100	47837	No
95	GOM_NL__2PRFIN20110424_082043_000000453101_00409_47837_7633.N1	24-APR-2011 08:20:43	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	47837	No
96	GOM_NL__2PRFIN20110424_082235_000000413101_00409_47837_7634.N1	24-APR-2011 08:22:35	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	47837	No
97	GOM_NL__2PRFIN20110424_083025_000000463101_00409_47837_7635.N1	24-APR-2011 08:30:25	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	47837	No
98	GOM_NL__2PRFIN20110424_084008_000000423101_00409_47837_7636.N1	24-APR-2011 08:40:08	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	47837	No
99	GOM_NL__2PRFIN20110424_084521_000000553101_00409_47837_7637.N1	24-APR-2011 08:45:21	Bright	54.500	19	50Alp Cyg	1.2460	10500.	109	47837	No
100	GOM_NL__2PRFIN20110424_085017_000000693101_00409_47837_7638.N1	24-APR-2011 08:50:17	Twi_and_stray	69.000	92	53Eps Cyg	2.5000	4500.0	138	47837	No
101	GOM_NL__2PRFIN20110424_085840_000000573101_00409_47837_7639.N1	24-APR-2011 08:58:40	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	47837	No

102	GOM_NL__2PRFIN20110424_090108_000000523101_00409_47837_7640.N1	24-APR-2011 09:01:08	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	47837	No
103	GOM_NL__2PRFIN20110424_090418_000000543101_00409_47837_7641.N1	24-APR-2011 09:04:18	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	47837	No
104	GOM_NL__2PRFIN20110424_092243_000000513101_00410_47838_7557.N1	24-APR-2011 09:22:43	Dark	51.000	103	38Zet Sgr	2.6000	9700.0	102	47838	No
105	GOM_NL__2PRFIN20110424_092547_000000693101_00410_47838_7558.N1	24-APR-2011 09:25:47	Dark	69.000	38	20Eps Sgr	1.8360	11000.	138	47838	No
106	GOM_NL__2PRFIN20110424_092903_000000603101_00410_47838_7559.N1	24-APR-2011 09:29:03	Straylight	60.000	25	35Lam Sco	1.6200	28000.	120	47838	No
107	GOM_NL__2PRFIN20110424_093231_000000663101_00410_47838_7560.N1	24-APR-2011 09:32:31	Straylight	66.000	75	26Eps Sco	2.2910	4250.0	132	47838	No
108	GOM_NL__2PRFIN20110424_093634_000000743101_00410_47838_7561.N1	24-APR-2011 09:36:34	Twi_and_stray	74.000	16	21Alp Sco	1.0200	3000.0	148	47838	No
109	GOM_NL__2PRFIN20110424_093909_000000663101_00410_47838_7562.N1	24-APR-2011 09:39:09	Twi_and_stray	65.500	80	7Del Sco	2.3160	30000.	131	47838	No
110	GOM_NL__2PRFIN20110424_094240_000000513101_00410_47838_7563.N1	24-APR-2011 09:42:40	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	47838	No
111	GOM_NL__2PRFIN20110424_094513_000000553101_00410_47838_7564.N1	24-APR-2011 09:45:13	Bright	55.000	104	27Bet Lib	2.6140	13100.	110	47838	No
112	GOM_NL__2PRFIN20110424_095349_000000423101_00410_47838_7565.N1	24-APR-2011 09:53:49	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	47838	No
113	GOM_NL__2PRFIN20110424_095804_000000523101_00410_47838_7566.N1	24-APR-2011 09:58:04	Bright	51.500	83		2.3780	11000.	103	47838	No
114	GOM_NL__2PRFIN20110424_100056_000000453101_00410_47838_7567.N1	24-APR-2011 10:00:56	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	47838	No
115	GOM_NL__2PRFIN20110424_100249_000000413101_00410_47838_7568.N1	24-APR-2011 10:02:49	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	47838	No
116	GOM_NL__2PRFIN20110424_101038_000000453101_00410_47838_7569.N1	24-APR-2011 10:10:38	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	47838	No
117	GOM_NL__2PRFIN20110424_102022_000000403101_00410_47838_7570.N1	24-APR-2011 10:20:22	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	47838	No
118	GOM_NL__2PRFIN20110424_102535_000000553101_00410_47838_7571.N1	24-APR-2011 10:25:35	Bright	54.500	19	50Alp Cyg	1.2460	10500.	109	47838	No
119	GOM_NL__2PRFIN20110424_103031_000000683101_00410_47838_7572.N1	24-APR-2011 10:30:31	Twi_and_stray	68.000	92	53Eps Cyg	2.5000	4500.0	136	47838	No
120	GOM_NL__2PRFIN20110424_103855_000000603101_00410_47838_7573.N1	24-APR-2011 10:38:55	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	47838	No
121	GOM_NL__2PRFIN20110424_104123_000000473101_00410_47838_7574.N1	24-APR-2011 10:41:23	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	47838	No
122	GOM_NL__2PRFIN20110424_104433_000000523101_00410_47838_7575.N1	24-APR-2011 10:44:33	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	47838	No
123	GOM_NL__2PRFIN20110424_110259_000000513101_00411_47839_7649.N1	24-APR-2011 11:02:59	Dark	51.000	103	38Zet Sgr	2.6000	9700.0	102	47839	No
124	GOM_NL__2PRFIN20110424_110602_000000703101_00411_47839_7650.N1	24-APR-2011 11:06:02	Dark	69.500	38	20Eps Sgr	1.8360	11000.	139	47839	No
125	GOM_NL__2PRFIN20110424_110918_000000663101_00411_47839_7651.N1	24-APR-2011 11:09:18	Straylight	65.500	25	35Lam Sco	1.6200	28000.	131	47839	No
126	GOM_NL__2PRFIN20110424_111246_000000653101_00411_47839_7652.N1	24-APR-2011 11:12:46	Straylight	64.500	75	26Eps Sco	2.2910	4250.0	129	47839	No
127	GOM_NL__2PRFIN20110424_111649_000000743101_00411_47839_7653.N1	24-APR-2011 11:16:49	Twi_and_stray	74.000	16	21Alp Sco	1.0200	3000.0	148	47839	No
128	GOM_NL__2PRFIN20110424_111923_000000683101_00411_47839_7654.N1	24-APR-2011 11:19:23	Twi_and_stray	68.000	80	7Del Sco	2.3160	30000.	136	47839	No
129	GOM_NL__2PRFIN20110424_112254_000000473101_00411_47839_7655.N1	24-APR-2011 11:22:54	Bright	46.500	122	9Alp2Lib	2.7470	9700.0	93	47839	No
130	GOM_NL__2PRFIN20110424_112527_000000563101_00411_47839_7656.N1	24-APR-2011 11:25:27	Bright	55.500	104	27Bet Lib	2.6140	13100.	111	47839	No
131	GOM_NL__2PRFIN20110424_113403_000000603101_00411_47839_7657.N1	24-APR-2011 11:34:03	Bright	60.000	111	8Eta Boo	2.6800	6000.0	120	47839	No
132	GOM_NL__2PRFIN20110424_113817_000000533101_00411_47839_7658.N1	24-APR-2011 11:38:17	Bright	52.500	83		2.3780	11000.	105	47839	No
133	GOM_NL__2PRFIN20110424_114110_000000443101_00411_47839_7659.N1	24-APR-2011 11:41:10	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	47839	No
134	GOM_NL__2PRFIN20110424_114303_000000393101_00411_47839_7660.N1	24-APR-2011 11:43:03	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	47839	No
135	GOM_NL__2PRFIN20110424_115051_000000453101_00411_47839_7661.N1	24-APR-2011 11:50:51	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	47839	No
136	GOM_NL__2PRFIN20110424_120036_000000413101_00411_47839_7662.N1	24-APR-2011 12:00:36	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	47839	No
137	GOM_NL__2PRFIN20110424_120548_000000543101_00411_47839_7663.N1	24-APR-2011 12:05:48	Bright	54.000	19	50Alp Cyg	1.2460	10500.	108	47839	No
138	GOM_NL__2PRFIN20110424_121046_000000683101_00411_47839_7664.N1	24-APR-2011 12:10:46	Twi_and_stray	68.000	92	53Eps Cyg	2.5000	4500.0	136	47839	No
139	GOM_NL__2PRFIN20110424_121910_000000563101_00411_47839_7665.N1	24-APR-2011 12:19:10	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	47839	No
140	GOM_NL__2PRFIN20110424_122137_000000503101_00411_47839_7666.N1	24-APR-2011 12:21:37	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	47839	No
141	GOM_NL__2PRFIN20110424_122448_000000553101_00411_47839_7667.N1	24-APR-2011 12:24:48	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	47839	No
142	GOM_NL__2PRFIN20110424_124314_000000493101_00412_47840_7681.N1	24-APR-2011 12:43:14	Dark	49.000	103	38Zet Sgr	2.6000	9700.0	98	47840	No
143	GOM_NL__2PRFIN20110424_124617_000000673101_00412_47840_7682.N1	24-APR-2011 12:46:17	Dark	66.500	38	20Eps Sgr	1.8360	11000.	133	47840	No
144	GOM_NL__2PRFIN20110424_124933_000000693101_00412_47840_7683.N1	24-APR-2011 12:49:33	Straylight	68.500	25	35Lam Sco	1.6200	28000.	137	47840	No
145	GOM_NL__2PRFIN20110424_125301_000000653101_00412_47840_7684.N1	24-APR-2011 12:53:01	Straylight	64.500	75	26Eps Sco	2.2910	4250.0	129	47840	No
146	GOM_NL__2PRFIN20110424_125703_000000773101_00412_47840_7685.N1	24-APR-2011 12:57:03	Twi_and_stray	77.000	16	21Alp Sco	1.0200	3000.0	154	47840	No
147	GOM_NL__2PRFIN20110424_125937_000000693101_00412_47840_7686.N1	24-APR-2011 12:59:37	Twi_and_stray	69.000	80	7Del Sco	2.3160	30000.	138	47840	No
148	GOM_NL__2PRFIN20110424_130308_000000513101_00412_47840_7687.N1	24-APR-2011 13:03:08	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	47840	No
149	GOM_NL__2PRFIN20110424_130541_000000533101_00412_47840_7688.N1	24-APR-2011 13:05:41	Bright	53.000	104	27Bet Lib	2.6140	13100.	106	47840	No
150	GOM_NL__2PRFIN20110424_131417_000000423101_00412_47840_7689.N1	24-APR-2011 13:14:17	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	47840	No
151	GOM_NL__2PRFIN20110424_131830_000000583101_00412_47840_7690.N1	24-APR-2011 13:18:30	Bright	57.500	83		2.3780	11000.	115	47840	No
152	GOM_NL__2PRFIN20110424_132123_000000433101_00412_47840_7691.N1	24-APR-2011 13:21:23	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	47840	No
153	GOM_NL__2PRFIN20110424_132316_000000423101_00412_47840_7692.N1	24-APR-2011 13:23:16	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	47840	No
154	GOM_NL__2PRFIN20110424_133105_000000513101_00412_47840_7693.N1	24-APR-2011 13:31:05	Bright	51.000	119	14Eta Dra	2.7270	4700.0	102	47840	No
155	GOM_NL__2PRFIN20110424_134049_000000563101_00412_47840_7694.N1	24-APR-2011 13:40:49	Bright	55.500	89	5Alp Cep	2.4510	8000.0	111	47840	No
156	GOM_NL__2PRFIN20110424_134602_000000553101_00412_47840_7695.N1	24-APR-2011 13:46:02	Bright	54.500	19	50Alp Cyg	1.2460	10500.	109	47840	No
157	GOM_NL__2PRFIN20110424_135059_000000613101_00412_47840_7696.N1	24-APR-2011 13:50:59	Twi_and_stray	61.000	92	53Eps Cyg	2.5000	4500.0	122	47840	No
158	GOM_NL__2PRFIN20110424_135924_000000643101_00412_47840_7697.N1	24-APR-2011 13:59:24	Dark	63.500	61	8Eps Peg	2.1000	3900.0	127	47840	No
159	GOM_NL__2PRFIN20110424_140152_000000513101_00412_47840_7698.N1	24-APR-2011 14:01:52	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	47840	No
160	GOM_NL__2PRFIN20110424_140503_000000553101_00412_47840_7699.N1	24-APR-2011 14:05:03	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	47840	No

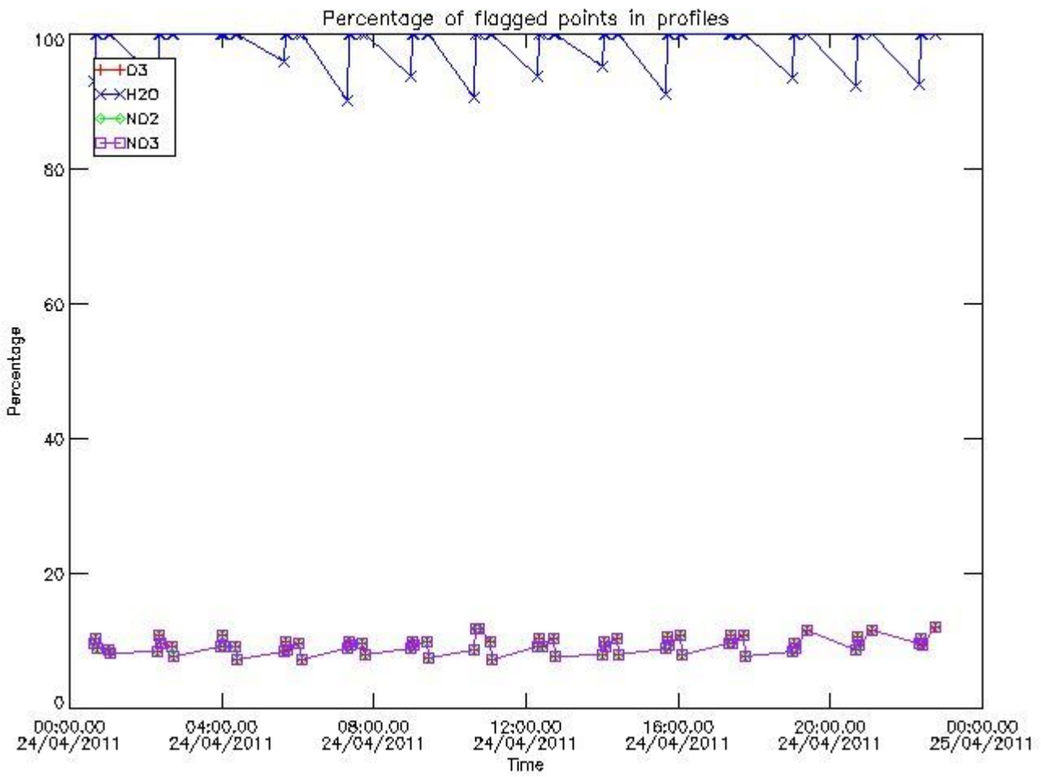
161	GOM_NL__2PRFIN20110424_142330_000000493101_00413_47841_7717.N1	24-APR-2011 14:23:30	Dark	49.000	103	38Zet Sgr	2.6000	9700.0	98	47841	No
162	GOM_NL__2PRFIN20110424_142633_000000653101_00413_47841_7718.N1	24-APR-2011 14:26:33	Dark	64.500	38	20Eps Sgr	1.8360	11000.	129	47841	No
163	GOM_NL__2PRFIN20110424_142948_000000613101_00413_47841_7719.N1	24-APR-2011 14:29:48	Straylight	60.500	25	35Lam Sco	1.6200	28000.	121	47841	No
164	GOM_NL__2PRFIN20110424_143316_000000673101_00413_47841_7720.N1	24-APR-2011 14:33:16	Straylight	67.000	75	26Eps Sco	2.2910	4250.0	134	47841	No
165	GOM_NL__2PRFIN20110424_143718_000000773101_00413_47841_7721.N1	24-APR-2011 14:37:18	Twi_and_stray	77.000	16	21Alp Sco	1.0200	3000.0	154	47841	No
166	GOM_NL__2PRFIN20110424_143952_000000683101_00413_47841_7722.N1	24-APR-2011 14:39:52	Twi_and_stray	68.000	80	7Del Sco	2.3160	30000.	136	47841	No
167	GOM_NL__2PRFIN20110424_144322_000000493101_00413_47841_7723.N1	24-APR-2011 14:43:22	Bright	48.500	122	9Alp2Lib	2.7470	9700.0	97	47841	No
168	GOM_NL__2PRFIN20110424_144555_000000543101_00413_47841_7724.N1	24-APR-2011 14:45:55	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	47841	No
169	GOM_NL__2PRFIN20110424_145430_000000603101_00413_47841_7725.N1	24-APR-2011 14:54:30	Bright	60.000	111	8Eta Boo	2.6800	6000.0	120	47841	No
170	GOM_NL__2PRFIN20110424_145844_000000533101_00413_47841_7726.N1	24-APR-2011 14:58:44	Bright	53.000	83		2.3780	11000.	106	47841	No
171	GOM_NL__2PRFIN20110424_150136_000000433101_00413_47841_7727.N1	24-APR-2011 15:01:36	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	47841	No
172	GOM_NL__2PRFIN20110424_150330_000000403101_00413_47841_7728.N1	24-APR-2011 15:03:30	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	47841	No
173	GOM_NL__2PRFIN20110424_151118_000000463101_00413_47841_7729.N1	24-APR-2011 15:11:18	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	47841	No
174	GOM_NL__2PRFIN20110424_152103_000000413101_00413_47841_7730.N1	24-APR-2011 15:21:03	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	47841	No
175	GOM_NL__2PRFIN20110424_152616_000000563101_00413_47841_7731.N1	24-APR-2011 15:26:16	Bright	55.500	19	50Alp Cyg	1.2460	10500.	111	47841	No
176	GOM_NL__2PRFIN20110424_153114_000000613101_00413_47841_7732.N1	24-APR-2011 15:31:14	Twi_and_stray	61.000	92	53Eps Cyg	2.5000	4500.0	122	47841	No
177	GOM_NL__2PRFIN20110424_153939_000000573101_00413_47841_7733.N1	24-APR-2011 15:39:39	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	47841	No
178	GOM_NL__2PRFIN20110424_154206_000000493101_00413_47841_7734.N1	24-APR-2011 15:42:06	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	47841	No
179	GOM_NL__2PRFIN20110424_154518_000000553101_00413_47841_7735.N1	24-APR-2011 15:45:18	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	47841	No
180	GOM_NL__2PRFIN20110424_160346_000000473101_00414_47842_7754.N1	24-APR-2011 16:03:46	Dark	47.000	103	38Zet Sgr	2.6000	9700.0	94	47842	No
181	GOM_NL__2PRFIN20110424_160648_000000653101_00414_47842_7755.N1	24-APR-2011 16:06:48	Dark	65.000	38	20Eps Sgr	1.8360	11000.	130	47842	No
182	GOM_NL__2PRFIN20110424_161003_000000663101_00414_47842_7756.N1	24-APR-2011 16:10:03	Straylight	65.500	25	35Lam Sco	1.6200	28000.	131	47842	No
183	GOM_NL__2PRFIN20110424_161331_000000683101_00414_47842_7757.N1	24-APR-2011 16:13:31	Straylight	67.500	75	26Eps Sco	2.2910	4250.0	135	47842	No
184	GOM_NL__2PRFIN20110424_161733_000000803101_00414_47842_7758.N1	24-APR-2011 16:17:33	Twi_and_stray	79.500	16	21Alp Sco	1.0200	3000.0	159	47842	No
185	GOM_NL__2PRFIN20110424_162006_000000683101_00414_47842_7759.N1	24-APR-2011 16:20:06	Twi_and_stray	67.500	80	7Del Sco	2.3160	30000.	135	47842	No
186	GOM_NL__2PRFIN20110424_162336_000000493101_00414_47842_7760.N1	24-APR-2011 16:23:36	Bright	48.500	122	9Alp2Lib	2.7470	9700.0	97	47842	No
187	GOM_NL__2PRFIN20110424_162609_000000543101_00414_47842_7761.N1	24-APR-2011 16:26:09	Bright	53.500	104	27Bet Lib	2.6140	13100.	107	47842	No
188	GOM_NL__2PRFIN20110424_163444_000000443101_00414_47842_7762.N1	24-APR-2011 16:34:44	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	47842	No
189	GOM_NL__2PRFIN20110424_163857_000000513101_00414_47842_7763.N1	24-APR-2011 16:38:57	Bright	51.000	83		2.3780	11000.	102	47842	No
190	GOM_NL__2PRFIN20110424_164150_000000453101_00414_47842_7764.N1	24-APR-2011 16:41:50	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	47842	No
191	GOM_NL__2PRFIN20110424_164344_000000403101_00414_47842_7765.N1	24-APR-2011 16:43:44	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	47842	No
192	GOM_NL__2PRFIN20110424_165131_000000483101_00414_47842_7766.N1	24-APR-2011 16:51:31	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	47842	No
193	GOM_NL__2PRFIN20110424_170117_000000413101_00414_47842_7767.N1	24-APR-2011 17:01:17	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	47842	No
194	GOM_NL__2PRFIN20110424_170629_000000533101_00414_47842_7768.N1	24-APR-2011 17:06:29	Bright	52.500	19	50Alp Cyg	1.2460	10500.	105	47842	No
195	GOM_NL__2PRFIN20110424_171128_000000553101_00414_47842_7769.N1	24-APR-2011 17:11:28	Twi_and_stray	55.000	92	53Eps Cyg	2.5000	4500.0	110	47842	No
196	GOM_NL__2PRFIN20110424_171953_000000593101_00414_47842_7770.N1	24-APR-2011 17:19:53	Dark	58.500	61	8Eps Peg	2.1000	3900.0	117	47842	No
197	GOM_NL__2PRFIN20110424_172221_000000483101_00414_47842_7771.N1	24-APR-2011 17:22:21	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	47842	No
198	GOM_NL__2PRFIN20110424_172533_000000533101_00414_47842_7772.N1	24-APR-2011 17:25:33	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	47842	No
199	GOM_NL__2PRFIN20110424_174402_000000473101_00415_47843_7786.N1	24-APR-2011 17:44:02	Dark	47.000	103	38Zet Sgr	2.6000	9700.0	94	47843	No
200	GOM_NL__2PRFIN20110424_174704_000000673101_00415_47843_7787.N1	24-APR-2011 17:47:04	Dark	66.500	38	20Eps Sgr	1.8360	11000.	133	47843	No
201	GOM_NL__2PRFIN20110424_175019_000000633101_00415_47843_7788.N1	24-APR-2011 17:50:19	Straylight	62.500	25	35Lam Sco	1.6200	28000.	125	47843	No
202	GOM_NL__2PRFIN20110424_175346_000000613101_00415_47843_7789.N1	24-APR-2011 17:53:46	Straylight	61.000	75	26Eps Sco	2.2910	4250.0	122	47843	No
203	GOM_NL__2PRFIN20110424_175747_000000803101_00415_47843_7790.N1	24-APR-2011 17:57:47	Twi_and_stray	80.000	16	21Alp Sco	1.0200	3000.0	160	47843	No
204	GOM_NL__2PRFIN20110424_180021_000000683101_00415_47843_7791.N1	24-APR-2011 18:00:21	Twi_and_stray	68.000	80	7Del Sco	2.3160	30000.	136	47843	No
205	GOM_NL__2PRFIN20110424_180350_000000493101_00415_47843_7792.N1	24-APR-2011 18:03:50	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	47843	No
206	GOM_NL__2PRFIN20110424_180623_000000553101_00415_47843_7793.N1	24-APR-2011 18:06:23	Bright	54.500	104	27Bet Lib	2.6140	13100.	109	47843	No
207	GOM_NL__2PRFIN20110424_181458_000000413101_00415_47843_7794.N1	24-APR-2011 18:14:58	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	47843	No
208	GOM_NL__2PRFIN20110424_181910_000000493101_00415_47843_7795.N1	24-APR-2011 18:19:10	Bright	49.000	83		2.3780	11000.	98	47843	No
209	GOM_NL__2PRFIN20110424_182203_000000433101_00415_47843_7796.N1	24-APR-2011 18:22:03	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	47843	No
210	GOM_NL__2PRFIN20110424_182357_000000403101_00415_47843_7797.N1	24-APR-2011 18:23:57	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	47843	No
211	GOM_NL__2PRFIN20110424_183145_000000473101_00415_47843_7798.N1	24-APR-2011 18:31:45	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	47843	No
212	GOM_NL__2PRFIN20110424_184131_000000413101_00415_47843_7799.N1	24-APR-2011 18:41:31	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	47843	No
213	GOM_NL__2PRFIN20110424_184643_000000563101_00415_47843_7800.N1	24-APR-2011 18:46:43	Bright	55.500	19	50Alp Cyg	1.2460	10500.	111	47843	No
214	GOM_NL__2PRFIN20110424_185142_000000553101_00415_47843_7801.N1	24-APR-2011 18:51:42	Twi_and_stray	55.000	92	53Eps Cyg	2.5000	4500.0	110	47843	No
215	GOM_NL__2PRFIN20110424_190008_000000613101_00415_47843_7802.N1	24-APR-2011 19:00:08	Dark	61.000	61	8Eps Peg	2.1000	3900.0	122	47843	No
216	GOM_NL__2PRFIN20110424_190236_000000543101_00415_47843_7803.N1	24-APR-2011 19:02:36	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	47843	No
217	GOM_NL__2PRFIN20110424_190547_000000573101_00415_47843_7804.N1	24-APR-2011 19:05:47	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	47843	No
218	GOM_NL__2PRFIN20110424_192418_000000443101_00416_47844_7840.N1	24-APR-2011 19:24:18	Dark	44.000	103	38Zet Sgr	2.6000	9700.0	88	47844	No
219	GOM_NL__2PRFIN20110424_192719_000000723101_00416_47844_7841.N1	24-APR-2011 19:27:19	Straylight	71.500	38	20Eps Sgr	1.8360	11000.	143	47844	No

220	GOM_NL__2PRFIN20110424_193034_000000663101_00416_47844_7842.N1	24-APR-2011 19:30:34	Straylight	66.000	25	35Lam Sco	1.6200	28000.	132	47844	No
221	GOM_NL__2PRFIN20110424_193400_000000653101_00416_47844_7843.N1	24-APR-2011 19:34:00	Straylight	65.000	75	26Eps Sco	2.2910	4250.0	130	47844	No
222	GOM_NL__2PRFIN20110424_193802_000000833101_00416_47844_7844.N1	24-APR-2011 19:38:02	Twi_and_stray	83.000	16	21Alp Sco	1.0200	3000.0	166	47844	No
223	GOM_NL__2PRFIN20110424_194035_000000703101_00416_47844_7845.N1	24-APR-2011 19:40:35	Twi_and_stray	70.000	80	7Del Sco	2.3160	30000.	140	47844	No
224	GOM_NL__2PRFIN20110424_194404_000000473101_00416_47844_7846.N1	24-APR-2011 19:44:04	Bright	46.500	122	9Alp2Lib	2.7470	9700.0	93	47844	No
225	GOM_NL__2PRFIN20110424_194637_000000553101_00416_47844_7847.N1	24-APR-2011 19:46:37	Bright	54.500	104	27Bet Lib	2.6140	13100.	109	47844	No
226	GOM_NL__2PRFIN20110424_195512_000000413101_00416_47844_7848.N1	24-APR-2011 19:55:12	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	47844	No
227	GOM_NL__2PRFIN20110424_195924_000000483101_00416_47844_7849.N1	24-APR-2011 19:59:24	Bright	48.000	83		2.3780	11000.	96	47844	No
228	GOM_NL__2PRFIN20110424_200217_000000463101_00416_47844_7850.N1	24-APR-2011 20:02:17	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	47844	No
229	GOM_NL__2PRFIN20110424_200411_000000403101_00416_47844_7851.N1	24-APR-2011 20:04:11	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	47844	No
230	GOM_NL__2PRFIN20110424_201158_000000443101_00416_47844_7852.N1	24-APR-2011 20:11:58	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	47844	No
231	GOM_NL__2PRFIN20110424_202144_000000413101_00416_47844_7853.N1	24-APR-2011 20:21:44	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	47844	No
232	GOM_NL__2PRFIN20110424_202657_000000563101_00416_47844_7854.N1	24-APR-2011 20:26:57	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	47844	No
233	GOM_NL__2PRFIN20110424_203156_000000493101_00416_47844_7855.N1	24-APR-2011 20:31:56	Twi_and_stray	49.000	92	53Eps Cyg	2.5000	4500.0	98	47844	No
234	GOM_NL__2PRFIN20110424_204023_000000593101_00416_47844_7856.N1	24-APR-2011 20:40:23	Dark	58.500	61	8Eps Peg	2.1000	3900.0	117	47844	No
235	GOM_NL__2PRFIN20110424_204250_000000493101_00416_47844_7857.N1	24-APR-2011 20:42:50	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	47844	No
236	GOM_NL__2PRFIN20110424_204602_000000553101_00416_47844_7858.N1	24-APR-2011 20:46:02	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	47844	No
237	GOM_NL__2PRFIN20110424_210433_000000443101_00417_47845_7871.N1	24-APR-2011 21:04:33	Dark	44.000	103	38Zet Sgr	2.6000	9700.0	88	47845	No
238	GOM_NL__2PRFIN20110424_210735_000000693101_00417_47845_7872.N1	24-APR-2011 21:07:35	Straylight	68.500	38	20Eps Sgr	1.8360	11000.	137	47845	No
239	GOM_NL__2PRFIN20110424_211049_000000633101_00417_47845_7873.N1	24-APR-2011 21:10:49	Straylight	63.000	25	35Lam Sco	1.6200	28000.	126	47845	No
240	GOM_NL__2PRFIN20110424_211415_000000673101_00417_47845_7874.N1	24-APR-2011 21:14:15	Straylight	66.500	75	26Eps Sco	2.2910	4250.0	133	47845	No
241	GOM_NL__2PRFIN20110424_211817_000000773101_00417_47845_7875.N1	24-APR-2011 21:18:17	Twi_and_stray	76.500	16	21Alp Sco	1.0200	3000.0	153	47845	No
242	GOM_NL__2PRFIN20110424_212050_000000743101_00417_47845_7876.N1	24-APR-2011 21:20:50	Twi_and_stray	73.500	80	7Del Sco	2.3160	30000.	147	47845	No
243	GOM_NL__2PRFIN20110424_212418_000000503101_00417_47845_7877.N1	24-APR-2011 21:24:18	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	47845	No
244	GOM_NL__2PRFIN20110424_212651_000000553101_00417_47845_7878.N1	24-APR-2011 21:26:51	Bright	54.500	104	27Bet Lib	2.6140	13100.	109	47845	No
245	GOM_NL__2PRFIN20110424_213525_000000403101_00417_47845_7879.N1	24-APR-2011 21:35:25	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	47845	No
246	GOM_NL__2PRFIN20110424_213937_000000473101_00417_47845_7880.N1	24-APR-2011 21:39:37	Bright	47.000	83		2.3780	11000.	94	47845	No
247	GOM_NL__2PRFIN20110424_214230_000000443101_00417_47845_7881.N1	24-APR-2011 21:42:30	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	47845	No
248	GOM_NL__2PRFIN20110424_214425_000000413101_00417_47845_7882.N1	24-APR-2011 21:44:25	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	47845	No
249	GOM_NL__2PRFIN20110424_215211_000000483101_00417_47845_7883.N1	24-APR-2011 21:52:11	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	47845	No
250	GOM_NL__2PRFIN20110424_220158_000000413101_00417_47845_7884.N1	24-APR-2011 22:01:58	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	47845	No
251	GOM_NL__2PRFIN20110424_220710_000000563101_00417_47845_7885.N1	24-APR-2011 22:07:10	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	47845	No
252	GOM_NL__2PRFIN20110424_221210_000000493101_00417_47845_7886.N1	24-APR-2011 22:12:10	Twi_and_stray	49.000	92	53Eps Cyg	2.5000	4500.0	98	47845	No
253	GOM_NL__2PRFIN20110424_222037_000000543101_00417_47845_7887.N1	24-APR-2011 22:20:37	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	47845	No
254	GOM_NL__2PRFIN20110424_222305_000000503101_00417_47845_7888.N1	24-APR-2011 22:23:05	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	47845	No
255	GOM_NL__2PRFIN20110424_222617_000000553101_00417_47845_7889.N1	24-APR-2011 22:26:17	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	47845	No
256	GOM_NL__2PRFIN20110424_224449_000000423101_00418_47846_7884.N1	24-APR-2011 22:44:49	Dark	42.000	103	38Zet Sgr	2.6000	9700.0	84	47846	No
257	GOM_NL__2PRFIN20110424_224750_000000703101_00418_47846_7885.N1	24-APR-2011 22:47:50	Straylight	69.500	38	20Eps Sgr	1.8360	11000.	139	47846	No
258	GOM_NL__2PRFIN20110424_225104_000000613101_00418_47846_7886.N1	24-APR-2011 22:51:04	Straylight	61.000	25	35Lam Sco	1.6200	28000.	122	47846	No
259	GOM_NL__2PRFIN20110424_225430_000000633101_00418_47846_7887.N1	24-APR-2011 22:54:30	Straylight	63.000	75	26Eps Sco	2.2910	4250.0	126	47846	No
260	GOM_NL__2PRFIN20110424_225831_000000783101_00418_47846_7888.N1	24-APR-2011 22:58:31	Twi_and_stray	78.000	16	21Alp Sco	1.0200	3000.0	156	47846	No
261	GOM_NL__2PRFIN20110424_230104_000000683101_00418_47846_7889.N1	24-APR-2011 23:01:04	Twi_and_stray	67.500	80	7Del Sco	2.3160	30000.	135	47846	No
262	GOM_NL__2PRFIN20110424_230432_000000483101_00418_47846_7890.N1	24-APR-2011 23:04:32	Bright	47.500	122	9Alp2Lib	2.7470	9700.0	95	47846	No
263	GOM_NL__2PRFIN20110424_230704_000000553101_00418_47846_7891.N1	24-APR-2011 23:07:04	Bright	54.500	104	27Bet Lib	2.6140	13100.	109	47846	No
264	GOM_NL__2PRFIN20110424_231539_000000423101_00418_47846_7892.N1	24-APR-2011 23:15:39	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	47846	No
265	GOM_NL__2PRFIN20110424_231950_000000513101_00418_47846_7893.N1	24-APR-2011 23:19:50	Bright	50.500	83		2.3780	11000.	101	47846	No
266	GOM_NL__2PRFIN20110424_232243_000000443101_00418_47846_7894.N1	24-APR-2011 23:22:43	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	47846	No
267	GOM_NL__2PRFIN20110424_232438_000000393101_00418_47846_7895.N1	24-APR-2011 23:24:38	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	47846	No
268	GOM_NL__2PRFIN20110424_233224_000000453101_00418_47846_7896.N1	24-APR-2011 23:32:24	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	47846	No
269	GOM_NL__2PRFIN20110424_234212_000000423101_00418_47846_7897.N1	24-APR-2011 23:42:12	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	47846	No
270	GOM_NL__2PRFIN20110424_234724_000000573101_00418_47846_7898.N1	24-APR-2011 23:47:24	Bright	57.000	19	50Alp Cyg	1.2460	10500.	114	47846	No
271	GOM_NL__2PRFIN20110424_235224_000000423101_00418_47846_7899.N1	24-APR-2011 23:52:24	Twi_and_stray	42.000	92	53Eps Cyg	2.5000	4500.0	84	47846	No

3. Quality information per product

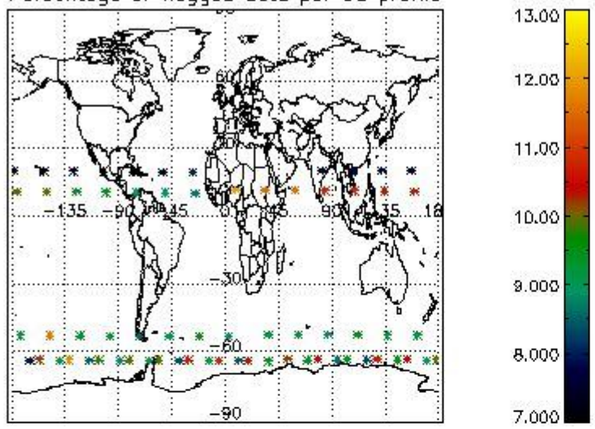
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

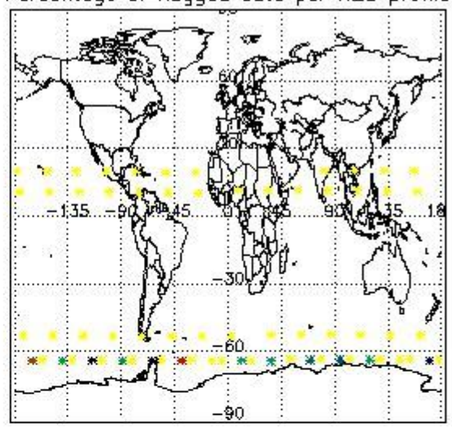


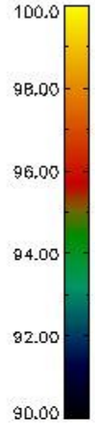
3.2 Plot quality information per product (world map)

Percentage of flagged data per O3 profile

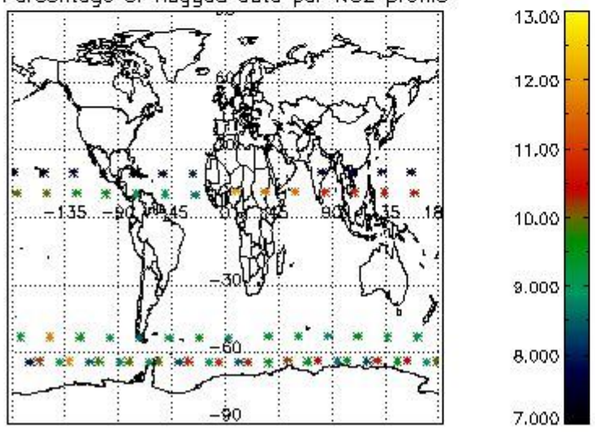


Percentage of flagged data per H2O profile

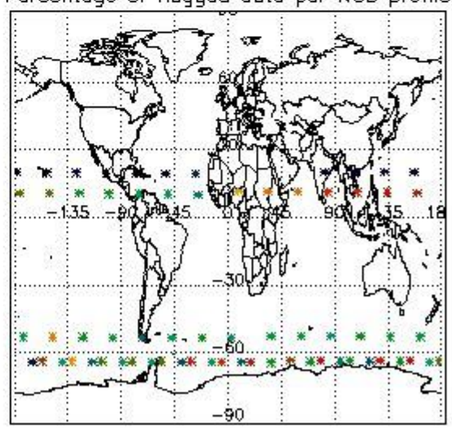


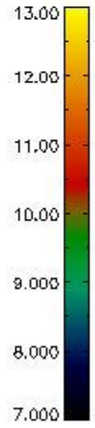


Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



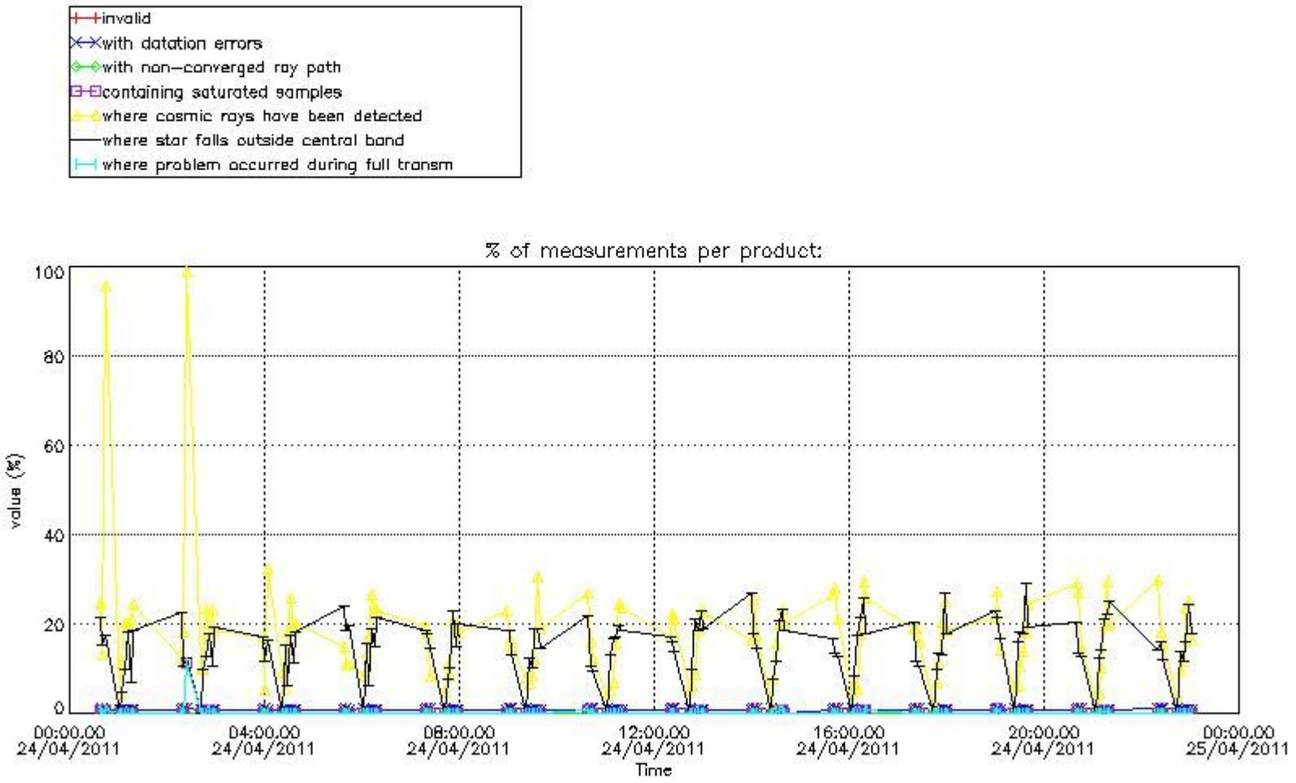


4. Level 1 quality information per product

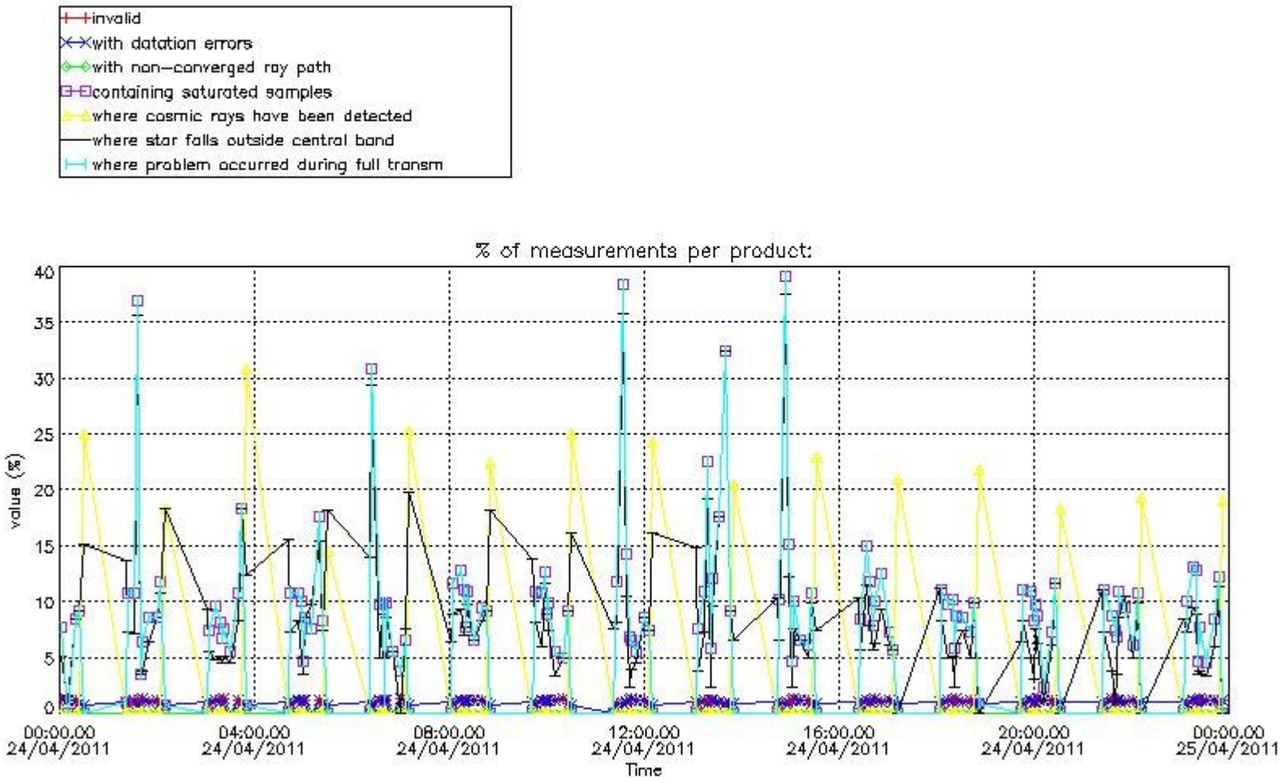
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

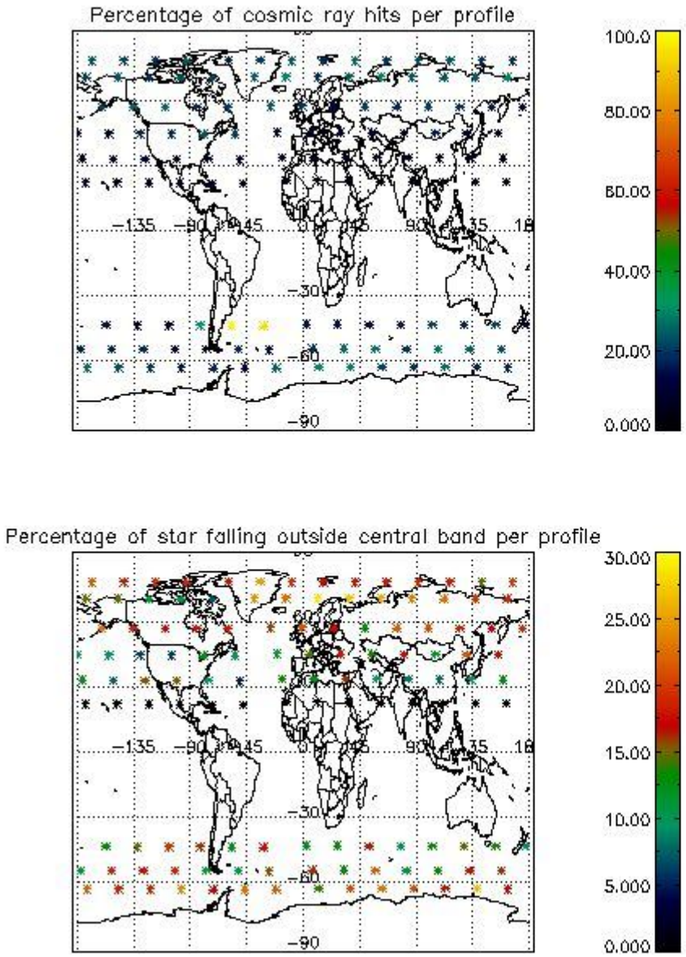


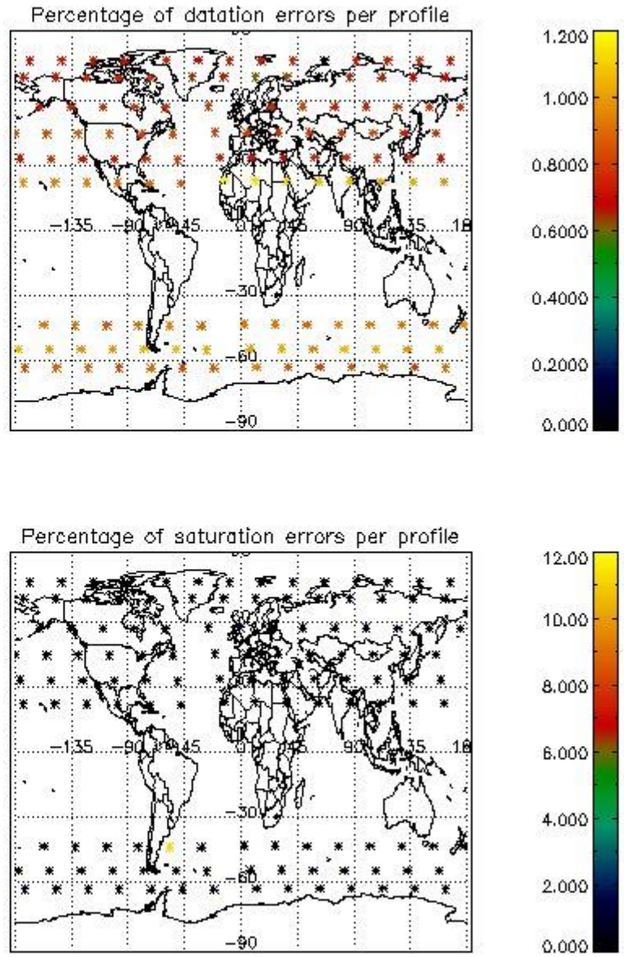
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



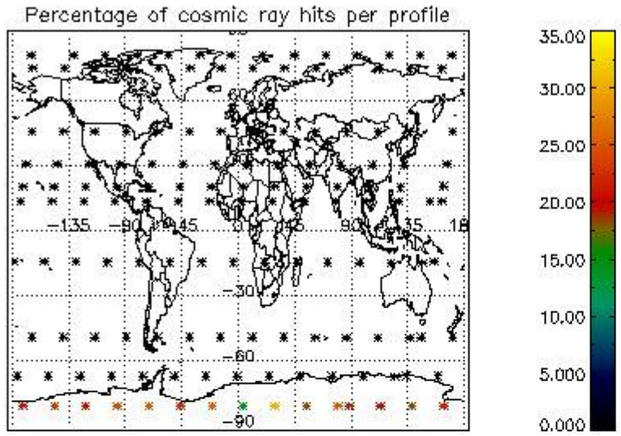
4.2 Plot quality information per product comming from level 1b processing (world map)

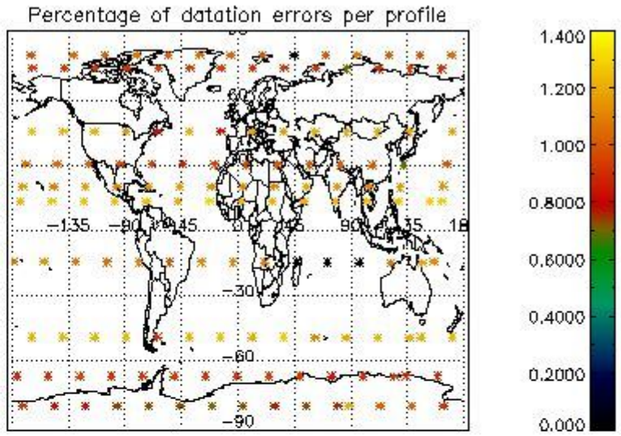
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

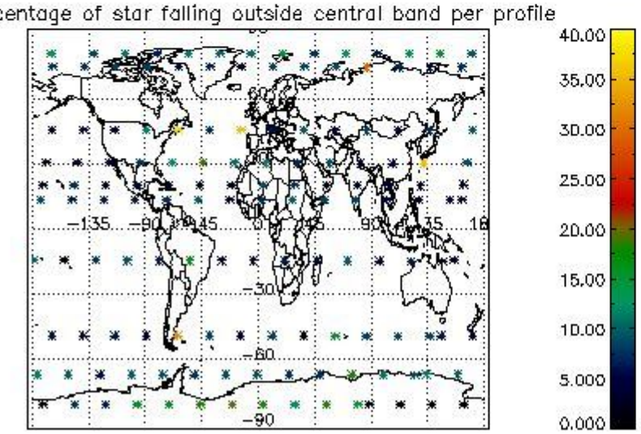


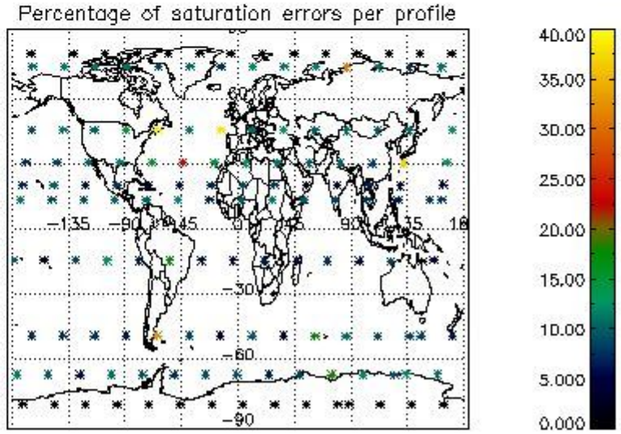


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

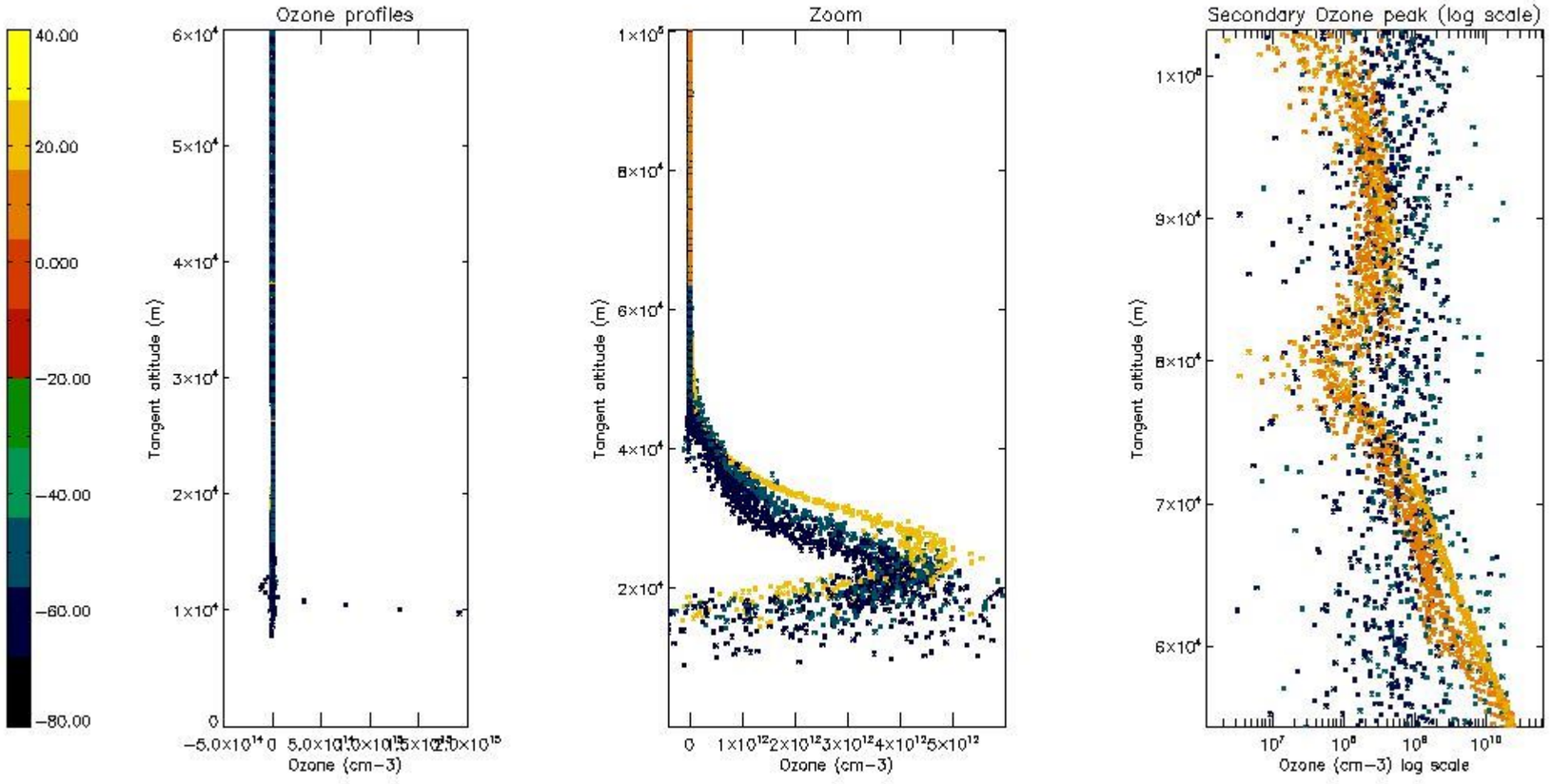
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	7

STD < 10	4
STD < 5	2

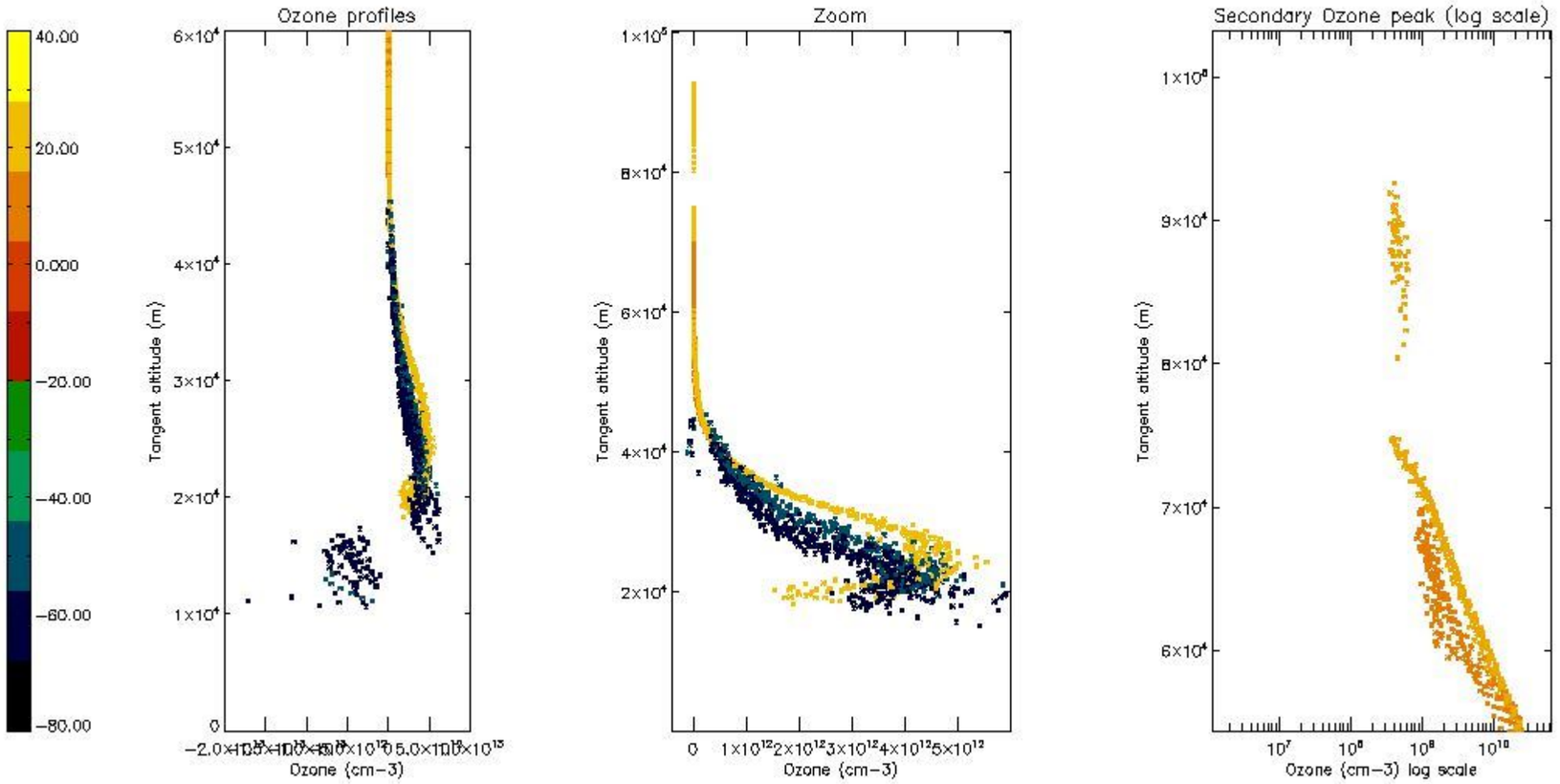
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



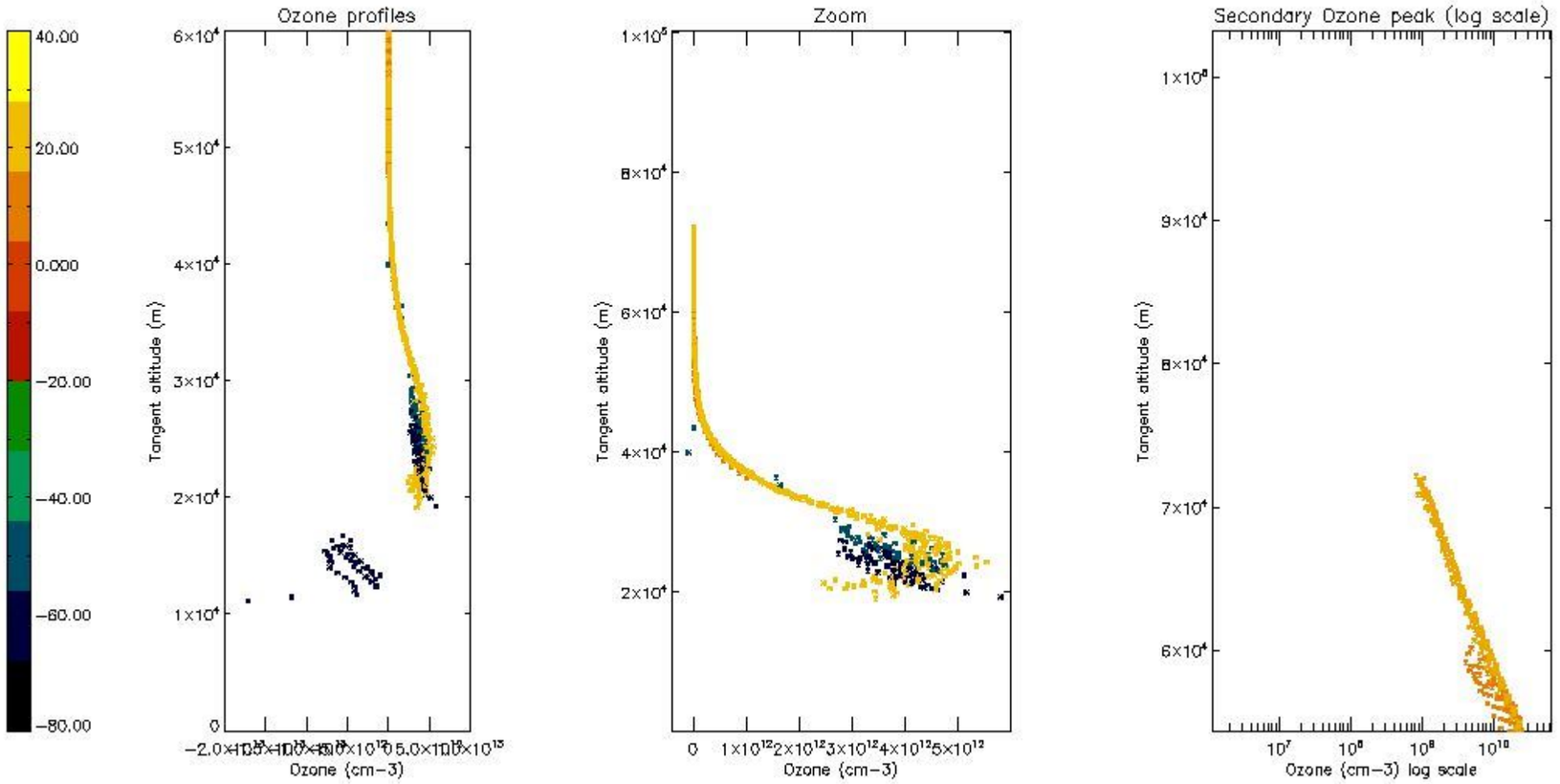
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



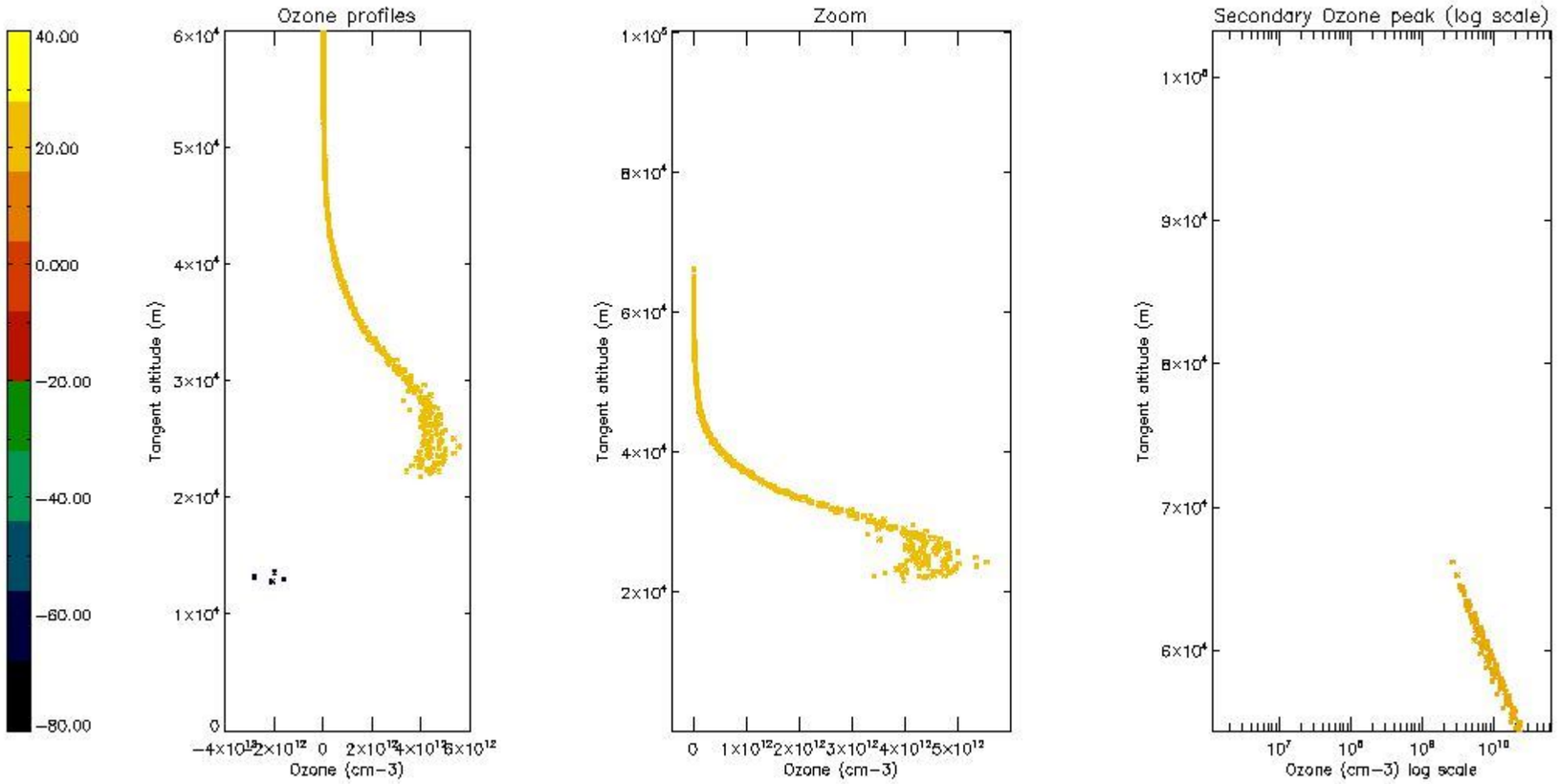
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



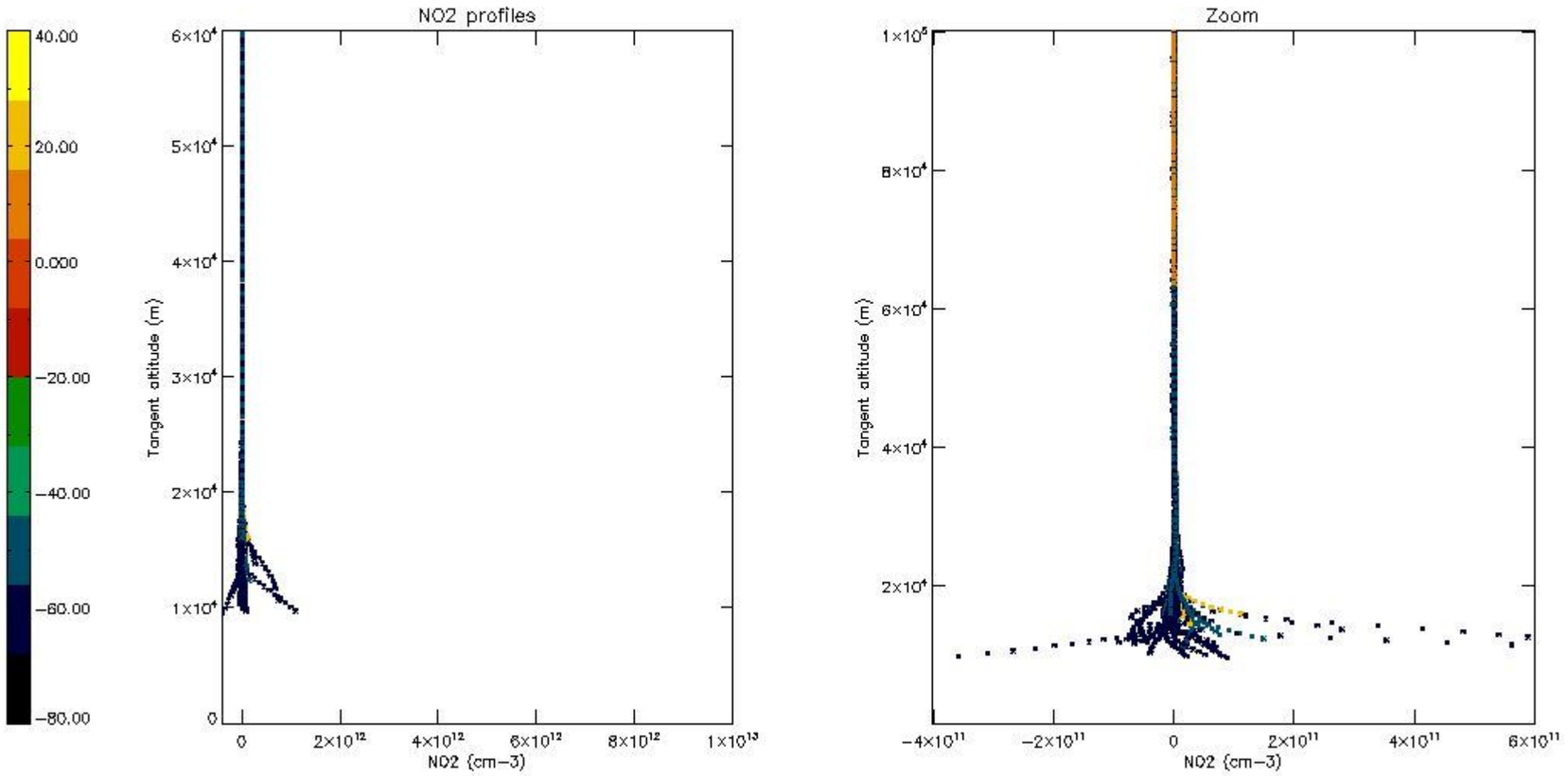
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



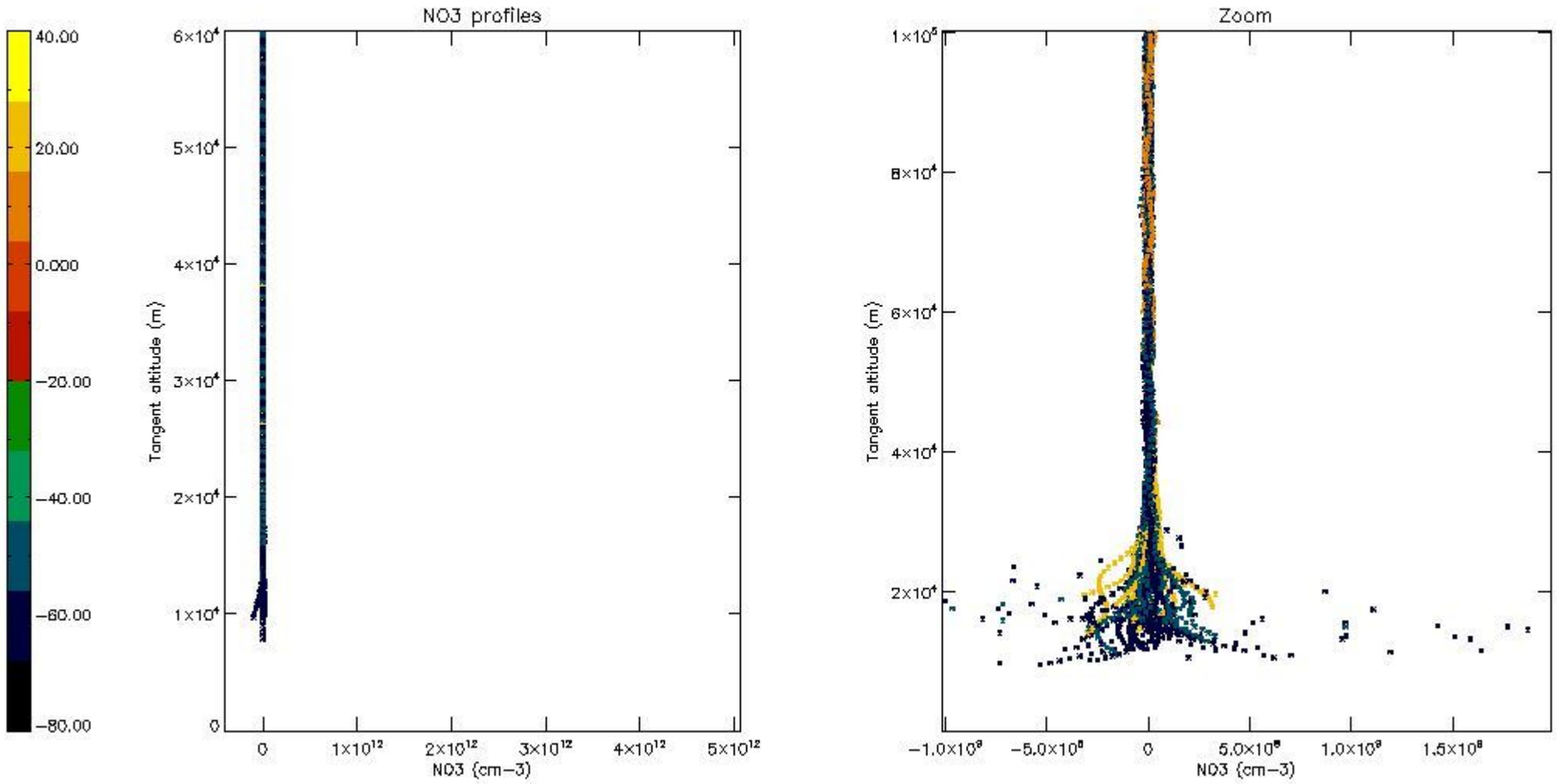
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	24-APR-2011 00:01:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-APR-2011 00:01:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-APR-2011 00:01:27

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	24APR2013 12:48:27
Data source version	GOMOS/6.01
Start time of products	24-04-2011 (24APR2011 00:00:00)
Stop time of products	25-04-2011 (25APR2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	271
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__2PRFIN20110424_000127_000000393101_00404_47832_7387.N1	24-APR-2011 00:01:27	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	47832	No
2	GOM_NL__2PRFIN20110424_000918_000000433101_00404_47832_7388.N1	24-APR-2011 00:09:18	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	47832	No
3	GOM_NL__2PRFIN20110424_001900_000000423101_00404_47832_7389.N1	24-APR-2011 00:19:00	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	47832	No
4	GOM_NL__2PRFIN20110424_002412_000000553101_00404_47832_7390.N1	24-APR-2011 00:24:12	Bright	54.500	19	50Alp Cyg	1.2460	10500.	109	47832	No
5	GOM_NL__2PRFIN20110424_002907_000000663101_00404_47832_7391.N1	24-APR-2011 00:29:07	Twi_and_stray	66.000	92	53Eps Cyg	2.5000	4500.0	132	47832	No
6	GOM_NL__2PRFIN20110424_003727_000000593101_00404_47832_7392.N1	24-APR-2011 00:37:27	Dark	58.500	61	8Eps Peg	2.1000	3900.0	117	47832	No
7	GOM_NL__2PRFIN20110424_003955_000000493101_00404_47832_7393.N1	24-APR-2011 00:39:55	Dark	49.000	162	34Alp Aqr	2.9440	5350.0	98	47832	No
8	GOM_NL__2PRFIN20110424_004303_000000573101_00404_47832_7394.N1	24-APR-2011 00:43:03	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	47832	No
9	GOM_NL__2PRFIN20110424_010124_000000583101_00405_47833_7400.N1	24-APR-2011 01:01:24	Dark	58.000	103	38Zet Sgr	2.6000	9700.0	116	47833	No
10	GOM_NL__2PRFIN20110424_010429_000000633101_00405_47833_7401.N1	24-APR-2011 01:04:29	Dark	63.000	38	20Eps Sgr	1.8360	11000.	126	47833	No
11	GOM_NL__2PRFIN20110424_010747_000000613101_00405_47833_7402.N1	24-APR-2011 01:07:47	Straylight	61.000	25	35Lam Sco	1.6200	28000.	122	47833	No
12	GOM_NL__2PRFIN20110424_011117_000000663101_00405_47833_7403.N1	24-APR-2011 01:11:17	Straylight	65.500	75	26Eps Sco	2.2910	4250.0	131	47833	No
13	GOM_NL__2PRFIN20110424_011521_000000643101_00405_47833_7404.N1	24-APR-2011 01:15:21	Twi_and_stray	64.000	16	21Alp Sco	1.0200	3000.0	128	47833	No
14	GOM_NL__2PRFIN20110424_011757_000000703101_00405_47833_7405.N1	24-APR-2011 01:17:57	Twi_and_stray	69.500	80	7Del Sco	2.3160	30000.	139	47833	No
15	GOM_NL__2PRFIN20110424_012129_000000513101_00405_47833_7406.N1	24-APR-2011 01:21:29	Bright	51.000	122	9Alp2Lib	2.7470	9700.0	102	47833	No
16	GOM_NL__2PRFIN20110424_012404_000000563101_00405_47833_7407.N1	24-APR-2011 01:24:04	Bright	55.500	104	27Bet Lib	2.6140	13100.	111	47833	No
17	GOM_NL__2PRFIN20110424_013241_000000423101_00405_47833_7408.N1	24-APR-2011 01:32:41	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	47833	No
18	GOM_NL__2PRFIN20110424_013657_000000733101_00405_47833_7409.N1	24-APR-2011 01:36:57	Bright	73.000	83		2.3780	11000.	146	47833	No
19	GOM_NL__2PRFIN20110424_013950_000000443101_00405_47833_7410.N1	24-APR-2011 01:39:50	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	47833	No
20	GOM_NL__2PRFIN20110424_014140_000000403101_00405_47833_7411.N1	24-APR-2011 01:41:40	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	47833	No
21	GOM_NL__2PRFIN20110424_014931_000000473101_00405_47833_7412.N1	24-APR-2011 01:49:31	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	47833	No
22	GOM_NL__2PRFIN20110424_015913_000000413101_00405_47833_7413.N1	24-APR-2011 01:59:13	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	47833	No
23	GOM_NL__2PRFIN20110424_020426_000000563101_00405_47833_7414.N1	24-APR-2011 02:04:26	Bright	55.500	19	50Alp Cyg	1.2460	10500.	111	47833	No
24	GOM_NL__2PRFIN20110424_020921_000000683101_00405_47833_7415.N1	24-APR-2011 02:09:21	Twi_and_stray	68.000	92	53Eps Cyg	2.5000	4500.0	136	47833	No
25	GOM_NL__2PRFIN20110424_021742_000000603101_00405_47833_7416.N1	24-APR-2011 02:17:42	Dark	60.000	61	8Eps Peg	2.1000	3900.0	120	47833	No
26	GOM_NL__2PRFIN20110424_022010_000000473101_00405_47833_7417.N1	24-APR-2011 02:20:10	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	47833	No
27	GOM_NL__2PRFIN20110424_022318_000000533101_00405_47833_7418.N1	24-APR-2011 02:23:18	Dark	52.500	154	22Bet Aqr	2.8990	5700.0	105	47833	No
28	GOM_NL__2PRFIN20110424_024140_000000563101_00406_47834_7418.N1	24-APR-2011 02:41:40	Dark	56.000	103	38Zet Sgr	2.6000	9700.0	112	47834	No
29	GOM_NL__2PRFIN20110424_024445_000000673101_00406_47834_7419.N1	24-APR-2011 02:44:45	Dark	66.500	38	20Eps Sgr	1.8360	11000.	133	47834	No
30	GOM_NL__2PRFIN20110424_024803_000000623101_00406_47834_7420.N1	24-APR-2011 02:48:03	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	47834	No
31	GOM_NL__2PRFIN20110424_025132_000000653101_00406_47834_7421.N1	24-APR-2011 02:51:32	Straylight	65.000	75	26Eps Sco	2.2910	4250.0	130	47834	No
32	GOM_NL__2PRFIN20110424_025535_000000673101_00406_47834_7422.N1	24-APR-2011 02:55:35	Twi_and_stray	67.000	16	21Alp Sco	1.0200	3000.0	134	47834	No
33	GOM_NL__2PRFIN20110424_025811_000000703101_00406_47834_7423.N1	24-APR-2011 02:58:11	Twi_and_stray	70.000	80	7Del Sco	2.3160	30000.	140	47834	No
34	GOM_NL__2PRFIN20110424_030143_000000483101_00406_47834_7424.N1	24-APR-2011 03:01:43	Bright	48.000	122	9Alp2Lib	2.7470	9700.0	96	47834	No
35	GOM_NL__2PRFIN20110424_030418_000000543101_00406_47834_7425.N1	24-APR-2011 03:04:18	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	47834	No
36	GOM_NL__2PRFIN20110424_031254_000000423101_00406_47834_7426.N1	24-APR-2011 03:12:54	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	47834	No
37	GOM_NL__2PRFIN20110424_031711_000000503101_00406_47834_7427.N1	24-APR-2011 03:17:11	Bright	49.500	83		2.3780	11000.	99	47834	No
38	GOM_NL__2PRFIN20110424_032003_000000453101_00406_47834_7428.N1	24-APR-2011 03:20:03	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	47834	No
39	GOM_NL__2PRFIN20110424_032154_000000403101_00406_47834_7429.N1	24-APR-2011 03:21:54	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	47834	No
40	GOM_NL__2PRFIN20110424_032944_000000453101_00406_47834_7430.N1	24-APR-2011 03:29:44	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	47834	No
41	GOM_NL__2PRFIN20110424_033927_000000423101_00406_47834_7431.N1	24-APR-2011 03:39:27	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	47834	No
42	GOM_NL__2PRFIN20110424_034440_000000603101_00406_47834_7432.N1	24-APR-2011 03:44:40	Bright	60.000	19	50Alp Cyg	1.2460	10500.	120	47834	No

43	GOM_NL__2PRFIN20110424_034935_000000653101_00406_47834_7433.N1	24-APR-2011 03:49:35	Twi_and_stray	65.000	92	53Eps Cyg	2.5000	4500.0	130	47834	No
44	GOM_NL__2PRFIN20110424_035756_000000563101_00406_47834_7434.N1	24-APR-2011 03:57:56	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	47834	No
45	GOM_NL__2PRFIN20110424_040024_000000483101_00406_47834_7435.N1	24-APR-2011 04:00:24	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	47834	No
46	GOM_NL__2PRFIN20110424_040333_000000563101_00406_47834_7436.N1	24-APR-2011 04:03:33	Dark	55.500	154	22Bet Aqr	2.8990	5700.0	111	47834	No
47	GOM_NL__2PRFIN20110424_042156_000000563101_00407_47835_7467.N1	24-APR-2011 04:21:56	Dark	56.000	103	38Zet Sgr	2.6000	9700.0	112	47835	No
48	GOM_NL__2PRFIN20110424_042500_000000723101_00407_47835_7468.N1	24-APR-2011 04:25:00	Dark	71.500	38	20Eps Sgr	1.8360	11000.	143	47835	No
49	GOM_NL__2PRFIN20110424_042818_000000583101_00407_47835_7469.N1	24-APR-2011 04:28:18	Straylight	57.500	25	35Lam Sco	1.6200	28000.	115	47835	No
50	GOM_NL__2PRFIN20110424_043146_000000663101_00407_47835_7470.N1	24-APR-2011 04:31:46	Straylight	65.500	75	26Eps Sco	2.2910	4250.0	131	47835	No
51	GOM_NL__2PRFIN20110424_043550_000000673101_00407_47835_7471.N1	24-APR-2011 04:35:50	Twi_and_stray	67.000	16	21Alp Sco	1.0200	3000.0	134	47835	No
52	GOM_NL__2PRFIN20110424_043826_000000693101_00407_47835_7472.N1	24-APR-2011 04:38:26	Twi_and_stray	68.500	80	7Del Sco	2.3160	30000.	137	47835	No
53	GOM_NL__2PRFIN20110424_044158_000000523101_00407_47835_7473.N1	24-APR-2011 04:41:58	Bright	51.500	122	9Alp2Lib	2.7470	9700.0	103	47835	No
54	GOM_NL__2PRFIN20110424_044432_000000563101_00407_47835_7474.N1	24-APR-2011 04:44:32	Bright	55.500	104	27Bet Lib	2.6140	13100.	111	47835	No
55	GOM_NL__2PRFIN20110424_045308_000000423101_00407_47835_7475.N1	24-APR-2011 04:53:08	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	47835	No
56	GOM_NL__2PRFIN20110424_045724_000000503101_00407_47835_7476.N1	24-APR-2011 04:57:24	Bright	50.000	83		2.3780	11000.	100	47835	No
57	GOM_NL__2PRFIN20110424_050016_000000443101_00407_47835_7477.N1	24-APR-2011 05:00:16	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	47835	No
58	GOM_NL__2PRFIN20110424_050208_000000413101_00407_47835_7478.N1	24-APR-2011 05:02:08	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	47835	No
59	GOM_NL__2PRFIN20110424_050958_000000463101_00407_47835_7479.N1	24-APR-2011 05:09:58	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	47835	No
60	GOM_NL__2PRFIN20110424_051941_000000463101_00407_47835_7480.N1	24-APR-2011 05:19:41	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	47835	No
61	GOM_NL__2PRFIN20110424_052453_000000543101_00407_47835_7481.N1	24-APR-2011 05:24:53	Bright	54.000	19	50Alp Cyg	1.2460	10500.	108	47835	No
62	GOM_NL__2PRFIN20110424_052949_000000693101_00407_47835_7482.N1	24-APR-2011 05:29:49	Twi_and_stray	69.000	92	53Eps Cyg	2.5000	4500.0	138	47835	No
63	GOM_NL__2PRFIN20110424_053811_000000613101_00407_47835_7483.N1	24-APR-2011 05:38:11	Dark	60.500	61	8Eps Peg	2.1000	3900.0	121	47835	No
64	GOM_NL__2PRFIN20110424_054039_000000513101_00407_47835_7484.N1	24-APR-2011 05:40:39	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	47835	No
65	GOM_NL__2PRFIN20110424_054348_000000593101_00407_47835_7485.N1	24-APR-2011 05:43:48	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	47835	No
66	GOM_NL__2PRFIN20110424_060211_000000533101_00408_47836_7516.N1	24-APR-2011 06:02:11	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	47836	No
67	GOM_NL__2PRFIN20110424_060516_000000713101_00408_47836_7517.N1	24-APR-2011 06:05:16	Dark	71.000	38	20Eps Sgr	1.8360	11000.	142	47836	No
68	GOM_NL__2PRFIN20110424_060833_000000583101_00408_47836_7518.N1	24-APR-2011 06:08:33	Straylight	58.000	25	35Lam Sco	1.6200	28000.	116	47836	No
69	GOM_NL__2PRFIN20110424_061201_000000663101_00408_47836_7519.N1	24-APR-2011 06:12:01	Straylight	66.000	75	26Eps Sco	2.2910	4250.0	132	47836	No
70	GOM_NL__2PRFIN20110424_061605_000000703101_00408_47836_7520.N1	24-APR-2011 06:16:05	Twi_and_stray	70.000	16	21Alp Sco	1.0200	3000.0	140	47836	No
71	GOM_NL__2PRFIN20110424_061840_000000723101_00408_47836_7521.N1	24-APR-2011 06:18:40	Twi_and_stray	72.000	80	7Del Sco	2.3160	30000.	144	47836	No
72	GOM_NL__2PRFIN20110424_062212_000000503101_00408_47836_7522.N1	24-APR-2011 06:22:12	Bright	50.000	122	9Alp2Lib	2.7470	9700.0	100	47836	No
73	GOM_NL__2PRFIN20110424_062446_000000723101_00408_47836_7523.N1	24-APR-2011 06:24:46	Bright	71.500	104	27Bet Lib	2.6140	13100.	143	47836	No
74	GOM_NL__2PRFIN20110424_063322_000000413101_00408_47836_7524.N1	24-APR-2011 06:33:22	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	47836	No
75	GOM_NL__2PRFIN20110424_063737_000000513101_00408_47836_7525.N1	24-APR-2011 06:37:37	Bright	50.500	83		2.3780	11000.	101	47836	No
76	GOM_NL__2PRFIN20110424_064030_000000423101_00408_47836_7526.N1	24-APR-2011 06:40:30	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	47836	No
77	GOM_NL__2PRFIN20110424_064222_000000413101_00408_47836_7527.N1	24-APR-2011 06:42:22	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	47836	No
78	GOM_NL__2PRFIN20110424_065011_000000453101_00408_47836_7528.N1	24-APR-2011 06:50:11	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	47836	No
79	GOM_NL__2PRFIN20110424_065954_000000393101_00408_47836_7529.N1	24-APR-2011 06:59:54	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	47836	No
80	GOM_NL__2PRFIN20110424_070507_000000533101_00408_47836_7530.N1	24-APR-2011 07:05:07	Bright	53.000	19	50Alp Cyg	1.2460	10500.	106	47836	No
81	GOM_NL__2PRFIN20110424_071003_000000713101_00408_47836_7531.N1	24-APR-2011 07:10:03	Twi_and_stray	71.000	92	53Eps Cyg	2.5000	4500.0	142	47836	No
82	GOM_NL__2PRFIN20110424_071826_000000573101_00408_47836_7532.N1	24-APR-2011 07:18:26	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	47836	No
83	GOM_NL__2PRFIN20110424_072053_000000513101_00408_47836_7533.N1	24-APR-2011 07:20:53	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	47836	No
84	GOM_NL__2PRFIN20110424_072403_000000553101_00408_47836_7534.N1	24-APR-2011 07:24:03	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	47836	No
85	GOM_NL__2PRFIN20110424_074227_000000533101_00409_47837_7623.N1	24-APR-2011 07:42:27	Dark	53.000	103	38Zet Sgr	2.6000	9700.0	106	47837	No
86	GOM_NL__2PRFIN20110424_074531_000000653101_00409_47837_7624.N1	24-APR-2011 07:45:31	Dark	65.000	38	20Eps Sgr	1.8360	11000.	130	47837	No
87	GOM_NL__2PRFIN20110424_074848_000000603101_00409_47837_7625.N1	24-APR-2011 07:48:48	Straylight	60.000	25	35Lam Sco	1.6200	28000.	120	47837	No
88	GOM_NL__2PRFIN20110424_075216_000000703101_00409_47837_7626.N1	24-APR-2011 07:52:16	Straylight	69.500	75	26Eps Sco	2.2910	4250.0	139	47837	No
89	GOM_NL__2PRFIN20110424_075619_000000703101_00409_47837_7627.N1	24-APR-2011 07:56:19	Twi_and_stray	70.000	16	21Alp Sco	1.0200	3000.0	140	47837	No
90	GOM_NL__2PRFIN20110424_075854_000000703101_00409_47837_7628.N1	24-APR-2011 07:58:54	Twi_and_stray	70.000	80	7Del Sco	2.3160	30000.	140	47837	No
91	GOM_NL__2PRFIN20110424_080226_000000473101_00409_47837_7629.N1	24-APR-2011 08:02:26	Bright	47.000	122	9Alp2Lib	2.7470	9700.0	94	47837	No
92	GOM_NL__2PRFIN20110424_080459_000000563101_00409_47837_7630.N1	24-APR-2011 08:04:59	Bright	56.000	104	27Bet Lib	2.6140	13100.	112	47837	No
93	GOM_NL__2PRFIN20110424_081336_000000433101_00409_47837_7631.N1	24-APR-2011 08:13:36	Bright	43.000	111	8Eta Boo	2.6800	6000.0	86	47837	No
94	GOM_NL__2PRFIN20110424_081751_000000503101_00409_47837_7632.N1	24-APR-2011 08:17:51	Bright	50.000	83		2.3780	11000.	100	47837	No
95	GOM_NL__2PRFIN20110424_082043_000000453101_00409_47837_7633.N1	24-APR-2011 08:20:43	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	47837	No
96	GOM_NL__2PRFIN20110424_082235_000000413101_00409_47837_7634.N1	24-APR-2011 08:22:35	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	47837	No
97	GOM_NL__2PRFIN20110424_083025_000000463101_00409_47837_7635.N1	24-APR-2011 08:30:25	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	47837	No
98	GOM_NL__2PRFIN20110424_084008_000000423101_00409_47837_7636.N1	24-APR-2011 08:40:08	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	47837	No
99	GOM_NL__2PRFIN20110424_084521_000000553101_00409_47837_7637.N1	24-APR-2011 08:45:21	Bright	54.500	19	50Alp Cyg	1.2460	10500.	109	47837	No
100	GOM_NL__2PRFIN20110424_085017_000000693101_00409_47837_7638.N1	24-APR-2011 08:50:17	Twi_and_stray	69.000	92	53Eps Cyg	2.5000	4500.0	138	47837	No
101	GOM_NL__2PRFIN20110424_085840_000000573101_00409_47837_7639.N1	24-APR-2011 08:58:40	Dark	57.000	61	8Eps Peg	2.1000	3900.0	114	47837	No

102	GOM_NL__2PRFIN20110424_090108_000000523101_00409_47837_7640.N1	24-APR-2011 09:01:08	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	47837	No
103	GOM_NL__2PRFIN20110424_090418_000000543101_00409_47837_7641.N1	24-APR-2011 09:04:18	Dark	54.000	154	22Bet Aqr	2.8990	5700.0	108	47837	No
104	GOM_NL__2PRFIN20110424_092243_000000513101_00410_47838_7557.N1	24-APR-2011 09:22:43	Dark	51.000	103	38Zet Sgr	2.6000	9700.0	102	47838	No
105	GOM_NL__2PRFIN20110424_092547_000000693101_00410_47838_7558.N1	24-APR-2011 09:25:47	Dark	69.000	38	20Eps Sgr	1.8360	11000.	138	47838	No
106	GOM_NL__2PRFIN20110424_092903_000000603101_00410_47838_7559.N1	24-APR-2011 09:29:03	Straylight	60.000	25	35Lam Sco	1.6200	28000.	120	47838	No
107	GOM_NL__2PRFIN20110424_093231_000000663101_00410_47838_7560.N1	24-APR-2011 09:32:31	Straylight	66.000	75	26Eps Sco	2.2910	4250.0	132	47838	No
108	GOM_NL__2PRFIN20110424_093634_000000743101_00410_47838_7561.N1	24-APR-2011 09:36:34	Twi_and_stray	74.000	16	21Alp Sco	1.0200	3000.0	148	47838	No
109	GOM_NL__2PRFIN20110424_093909_000000663101_00410_47838_7562.N1	24-APR-2011 09:39:09	Twi_and_stray	65.500	80	7Del Sco	2.3160	30000.	131	47838	No
110	GOM_NL__2PRFIN20110424_094240_000000513101_00410_47838_7563.N1	24-APR-2011 09:42:40	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	47838	No
111	GOM_NL__2PRFIN20110424_094513_000000553101_00410_47838_7564.N1	24-APR-2011 09:45:13	Bright	55.000	104	27Bet Lib	2.6140	13100.	110	47838	No
112	GOM_NL__2PRFIN20110424_095349_000000423101_00410_47838_7565.N1	24-APR-2011 09:53:49	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	47838	No
113	GOM_NL__2PRFIN20110424_095804_000000523101_00410_47838_7566.N1	24-APR-2011 09:58:04	Bright	51.500	83		2.3780	11000.	103	47838	No
114	GOM_NL__2PRFIN20110424_100056_000000453101_00410_47838_7567.N1	24-APR-2011 10:00:56	Bright	45.000	180	27Gam Boo	3.0400	8000.0	90	47838	No
115	GOM_NL__2PRFIN20110424_100249_000000413101_00410_47838_7568.N1	24-APR-2011 10:02:49	Bright	40.500	39	85Eta UMa	1.8540	24000.	81	47838	No
116	GOM_NL__2PRFIN20110424_101038_000000453101_00410_47838_7569.N1	24-APR-2011 10:10:38	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	47838	No
117	GOM_NL__2PRFIN20110424_102022_000000403101_00410_47838_7570.N1	24-APR-2011 10:20:22	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	47838	No
118	GOM_NL__2PRFIN20110424_102535_000000553101_00410_47838_7571.N1	24-APR-2011 10:25:35	Bright	54.500	19	50Alp Cyg	1.2460	10500.	109	47838	No
119	GOM_NL__2PRFIN20110424_103031_000000683101_00410_47838_7572.N1	24-APR-2011 10:30:31	Twi_and_stray	68.000	92	53Eps Cyg	2.5000	4500.0	136	47838	No
120	GOM_NL__2PRFIN20110424_103855_000000603101_00410_47838_7573.N1	24-APR-2011 10:38:55	Dark	59.500	61	8Eps Peg	2.1000	3900.0	119	47838	No
121	GOM_NL__2PRFIN20110424_104123_000000473101_00410_47838_7574.N1	24-APR-2011 10:41:23	Dark	47.000	162	34Alp Aqr	2.9440	5350.0	94	47838	No
122	GOM_NL__2PRFIN20110424_104433_000000523101_00410_47838_7575.N1	24-APR-2011 10:44:33	Dark	52.000	154	22Bet Aqr	2.8990	5700.0	104	47838	No
123	GOM_NL__2PRFIN20110424_110259_000000513101_00411_47839_7649.N1	24-APR-2011 11:02:59	Dark	51.000	103	38Zet Sgr	2.6000	9700.0	102	47839	No
124	GOM_NL__2PRFIN20110424_110602_000000703101_00411_47839_7650.N1	24-APR-2011 11:06:02	Dark	69.500	38	20Eps Sgr	1.8360	11000.	139	47839	No
125	GOM_NL__2PRFIN20110424_110918_000000663101_00411_47839_7651.N1	24-APR-2011 11:09:18	Straylight	65.500	25	35Lam Sco	1.6200	28000.	131	47839	No
126	GOM_NL__2PRFIN20110424_111246_000000653101_00411_47839_7652.N1	24-APR-2011 11:12:46	Straylight	64.500	75	26Eps Sco	2.2910	4250.0	129	47839	No
127	GOM_NL__2PRFIN20110424_111649_000000743101_00411_47839_7653.N1	24-APR-2011 11:16:49	Twi_and_stray	74.000	16	21Alp Sco	1.0200	3000.0	148	47839	No
128	GOM_NL__2PRFIN20110424_111923_000000683101_00411_47839_7654.N1	24-APR-2011 11:19:23	Twi_and_stray	68.000	80	7Del Sco	2.3160	30000.	136	47839	No
129	GOM_NL__2PRFIN20110424_112254_000000473101_00411_47839_7655.N1	24-APR-2011 11:22:54	Bright	46.500	122	9Alp2Lib	2.7470	9700.0	93	47839	No
130	GOM_NL__2PRFIN20110424_112527_000000563101_00411_47839_7656.N1	24-APR-2011 11:25:27	Bright	55.500	104	27Bet Lib	2.6140	13100.	111	47839	No
131	GOM_NL__2PRFIN20110424_113403_000000603101_00411_47839_7657.N1	24-APR-2011 11:34:03	Bright	60.000	111	8Eta Boo	2.6800	6000.0	120	47839	No
132	GOM_NL__2PRFIN20110424_113817_000000533101_00411_47839_7658.N1	24-APR-2011 11:38:17	Bright	52.500	83		2.3780	11000.	105	47839	No
133	GOM_NL__2PRFIN20110424_114110_000000443101_00411_47839_7659.N1	24-APR-2011 11:41:10	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	47839	No
134	GOM_NL__2PRFIN20110424_114303_000000393101_00411_47839_7660.N1	24-APR-2011 11:43:03	Bright	38.500	39	85Eta UMa	1.8540	24000.	77	47839	No
135	GOM_NL__2PRFIN20110424_115051_000000453101_00411_47839_7661.N1	24-APR-2011 11:50:51	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	47839	No
136	GOM_NL__2PRFIN20110424_120036_000000413101_00411_47839_7662.N1	24-APR-2011 12:00:36	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	47839	No
137	GOM_NL__2PRFIN20110424_120548_000000543101_00411_47839_7663.N1	24-APR-2011 12:05:48	Bright	54.000	19	50Alp Cyg	1.2460	10500.	108	47839	No
138	GOM_NL__2PRFIN20110424_121046_000000683101_00411_47839_7664.N1	24-APR-2011 12:10:46	Twi_and_stray	68.000	92	53Eps Cyg	2.5000	4500.0	136	47839	No
139	GOM_NL__2PRFIN20110424_121910_000000563101_00411_47839_7665.N1	24-APR-2011 12:19:10	Dark	55.500	61	8Eps Peg	2.1000	3900.0	111	47839	No
140	GOM_NL__2PRFIN20110424_122137_000000503101_00411_47839_7666.N1	24-APR-2011 12:21:37	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	47839	No
141	GOM_NL__2PRFIN20110424_122448_000000553101_00411_47839_7667.N1	24-APR-2011 12:24:48	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	47839	No
142	GOM_NL__2PRFIN20110424_124314_000000493101_00412_47840_7681.N1	24-APR-2011 12:43:14	Dark	49.000	103	38Zet Sgr	2.6000	9700.0	98	47840	No
143	GOM_NL__2PRFIN20110424_124617_000000673101_00412_47840_7682.N1	24-APR-2011 12:46:17	Dark	66.500	38	20Eps Sgr	1.8360	11000.	133	47840	No
144	GOM_NL__2PRFIN20110424_124933_000000693101_00412_47840_7683.N1	24-APR-2011 12:49:33	Straylight	68.500	25	35Lam Sco	1.6200	28000.	137	47840	No
145	GOM_NL__2PRFIN20110424_125301_000000653101_00412_47840_7684.N1	24-APR-2011 12:53:01	Straylight	64.500	75	26Eps Sco	2.2910	4250.0	129	47840	No
146	GOM_NL__2PRFIN20110424_125703_000000773101_00412_47840_7685.N1	24-APR-2011 12:57:03	Twi_and_stray	77.000	16	21Alp Sco	1.0200	3000.0	154	47840	No
147	GOM_NL__2PRFIN20110424_125937_000000693101_00412_47840_7686.N1	24-APR-2011 12:59:37	Twi_and_stray	69.000	80	7Del Sco	2.3160	30000.	138	47840	No
148	GOM_NL__2PRFIN20110424_130308_000000513101_00412_47840_7687.N1	24-APR-2011 13:03:08	Bright	50.500	122	9Alp2Lib	2.7470	9700.0	101	47840	No
149	GOM_NL__2PRFIN20110424_130541_000000533101_00412_47840_7688.N1	24-APR-2011 13:05:41	Bright	53.000	104	27Bet Lib	2.6140	13100.	106	47840	No
150	GOM_NL__2PRFIN20110424_131417_000000423101_00412_47840_7689.N1	24-APR-2011 13:14:17	Bright	41.500	111	8Eta Boo	2.6800	6000.0	83	47840	No
151	GOM_NL__2PRFIN20110424_131830_000000583101_00412_47840_7690.N1	24-APR-2011 13:18:30	Bright	57.500	83		2.3780	11000.	115	47840	No
152	GOM_NL__2PRFIN20110424_132123_000000433101_00412_47840_7691.N1	24-APR-2011 13:21:23	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	47840	No
153	GOM_NL__2PRFIN20110424_132316_000000423101_00412_47840_7692.N1	24-APR-2011 13:23:16	Bright	41.500	39	85Eta UMa	1.8540	24000.	83	47840	No
154	GOM_NL__2PRFIN20110424_133105_000000513101_00412_47840_7693.N1	24-APR-2011 13:31:05	Bright	51.000	119	14Eta Dra	2.7270	4700.0	102	47840	No
155	GOM_NL__2PRFIN20110424_134049_000000563101_00412_47840_7694.N1	24-APR-2011 13:40:49	Bright	55.500	89	5Alp Cep	2.4510	8000.0	111	47840	No
156	GOM_NL__2PRFIN20110424_134602_000000553101_00412_47840_7695.N1	24-APR-2011 13:46:02	Bright	54.500	19	50Alp Cyg	1.2460	10500.	109	47840	No
157	GOM_NL__2PRFIN20110424_135059_000000613101_00412_47840_7696.N1	24-APR-2011 13:50:59	Twi_and_stray	61.000	92	53Eps Cyg	2.5000	4500.0	122	47840	No
158	GOM_NL__2PRFIN20110424_135924_000000643101_00412_47840_7697.N1	24-APR-2011 13:59:24	Dark	63.500	61	8Eps Peg	2.1000	3900.0	127	47840	No
159	GOM_NL__2PRFIN20110424_140152_000000513101_00412_47840_7698.N1	24-APR-2011 14:01:52	Dark	51.000	162	34Alp Aqr	2.9440	5350.0	102	47840	No
160	GOM_NL__2PRFIN20110424_140503_000000553101_00412_47840_7699.N1	24-APR-2011 14:05:03	Dark	55.000	154	22Bet Aqr	2.8990	5700.0	110	47840	No

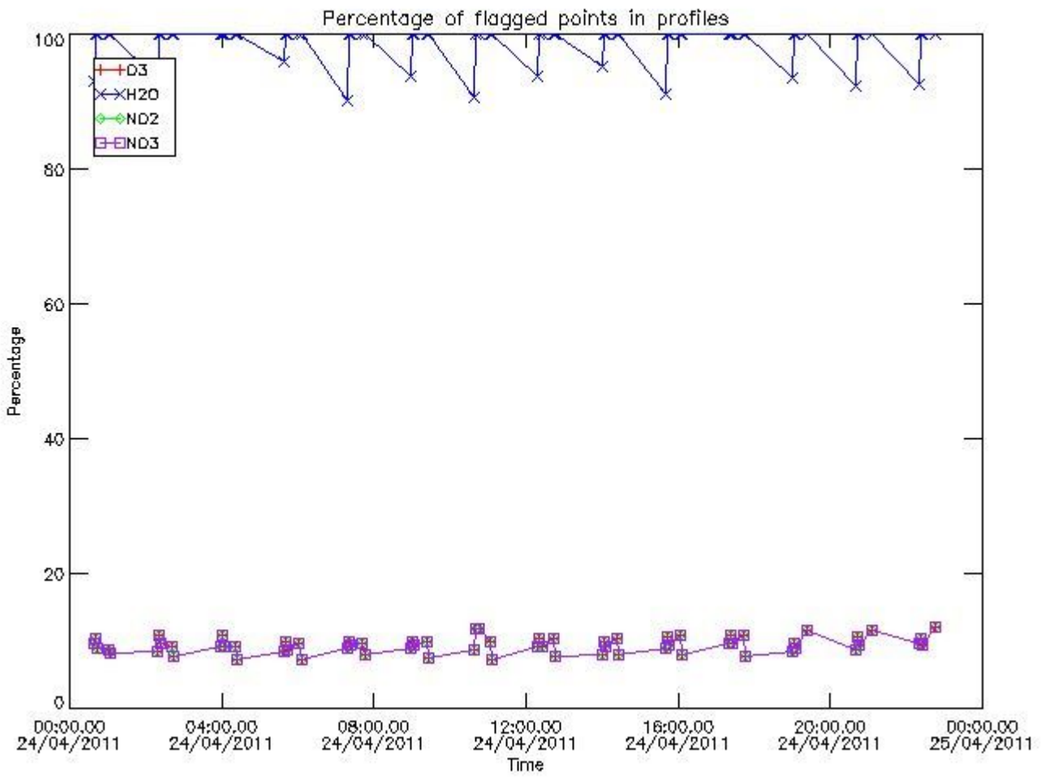
161	GOM_NL__2PRFIN20110424_142330_000000493101_00413_47841_7717.N1	24-APR-2011 14:23:30	Dark	49.000	103	38Zet Sgr	2.6000	9700.0	98	47841	No
162	GOM_NL__2PRFIN20110424_142633_000000653101_00413_47841_7718.N1	24-APR-2011 14:26:33	Dark	64.500	38	20Eps Sgr	1.8360	11000.	129	47841	No
163	GOM_NL__2PRFIN20110424_142948_000000613101_00413_47841_7719.N1	24-APR-2011 14:29:48	Straylight	60.500	25	35Lam Sco	1.6200	28000.	121	47841	No
164	GOM_NL__2PRFIN20110424_143316_000000673101_00413_47841_7720.N1	24-APR-2011 14:33:16	Straylight	67.000	75	26Eps Sco	2.2910	4250.0	134	47841	No
165	GOM_NL__2PRFIN20110424_143718_000000773101_00413_47841_7721.N1	24-APR-2011 14:37:18	Twi_and_stray	77.000	16	21Alp Sco	1.0200	3000.0	154	47841	No
166	GOM_NL__2PRFIN20110424_143952_000000683101_00413_47841_7722.N1	24-APR-2011 14:39:52	Twi_and_stray	68.000	80	7Del Sco	2.3160	30000.	136	47841	No
167	GOM_NL__2PRFIN20110424_144322_000000493101_00413_47841_7723.N1	24-APR-2011 14:43:22	Bright	48.500	122	9Alp2Lib	2.7470	9700.0	97	47841	No
168	GOM_NL__2PRFIN20110424_144555_000000543101_00413_47841_7724.N1	24-APR-2011 14:45:55	Bright	54.000	104	27Bet Lib	2.6140	13100.	108	47841	No
169	GOM_NL__2PRFIN20110424_145430_000000603101_00413_47841_7725.N1	24-APR-2011 14:54:30	Bright	60.000	111	8Eta Boo	2.6800	6000.0	120	47841	No
170	GOM_NL__2PRFIN20110424_145844_000000533101_00413_47841_7726.N1	24-APR-2011 14:58:44	Bright	53.000	83		2.3780	11000.	106	47841	No
171	GOM_NL__2PRFIN20110424_150136_000000433101_00413_47841_7727.N1	24-APR-2011 15:01:36	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	47841	No
172	GOM_NL__2PRFIN20110424_150330_000000403101_00413_47841_7728.N1	24-APR-2011 15:03:30	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	47841	No
173	GOM_NL__2PRFIN20110424_151118_000000463101_00413_47841_7729.N1	24-APR-2011 15:11:18	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	47841	No
174	GOM_NL__2PRFIN20110424_152103_000000413101_00413_47841_7730.N1	24-APR-2011 15:21:03	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	47841	No
175	GOM_NL__2PRFIN20110424_152616_000000563101_00413_47841_7731.N1	24-APR-2011 15:26:16	Bright	55.500	19	50Alp Cyg	1.2460	10500.	111	47841	No
176	GOM_NL__2PRFIN20110424_153114_000000613101_00413_47841_7732.N1	24-APR-2011 15:31:14	Twi_and_stray	61.000	92	53Eps Cyg	2.5000	4500.0	122	47841	No
177	GOM_NL__2PRFIN20110424_153939_000000573101_00413_47841_7733.N1	24-APR-2011 15:39:39	Dark	56.500	61	8Eps Peg	2.1000	3900.0	113	47841	No
178	GOM_NL__2PRFIN20110424_154206_000000493101_00413_47841_7734.N1	24-APR-2011 15:42:06	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	47841	No
179	GOM_NL__2PRFIN20110424_154518_000000553101_00413_47841_7735.N1	24-APR-2011 15:45:18	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	47841	No
180	GOM_NL__2PRFIN20110424_160346_000000473101_00414_47842_7754.N1	24-APR-2011 16:03:46	Dark	47.000	103	38Zet Sgr	2.6000	9700.0	94	47842	No
181	GOM_NL__2PRFIN20110424_160648_000000653101_00414_47842_7755.N1	24-APR-2011 16:06:48	Dark	65.000	38	20Eps Sgr	1.8360	11000.	130	47842	No
182	GOM_NL__2PRFIN20110424_161003_000000663101_00414_47842_7756.N1	24-APR-2011 16:10:03	Straylight	65.500	25	35Lam Sco	1.6200	28000.	131	47842	No
183	GOM_NL__2PRFIN20110424_161331_000000683101_00414_47842_7757.N1	24-APR-2011 16:13:31	Straylight	67.500	75	26Eps Sco	2.2910	4250.0	135	47842	No
184	GOM_NL__2PRFIN20110424_161733_000000803101_00414_47842_7758.N1	24-APR-2011 16:17:33	Twi_and_stray	79.500	16	21Alp Sco	1.0200	3000.0	159	47842	No
185	GOM_NL__2PRFIN20110424_162006_000000683101_00414_47842_7759.N1	24-APR-2011 16:20:06	Twi_and_stray	67.500	80	7Del Sco	2.3160	30000.	135	47842	No
186	GOM_NL__2PRFIN20110424_162336_000000493101_00414_47842_7760.N1	24-APR-2011 16:23:36	Bright	48.500	122	9Alp2Lib	2.7470	9700.0	97	47842	No
187	GOM_NL__2PRFIN20110424_162609_000000543101_00414_47842_7761.N1	24-APR-2011 16:26:09	Bright	53.500	104	27Bet Lib	2.6140	13100.	107	47842	No
188	GOM_NL__2PRFIN20110424_163444_000000443101_00414_47842_7762.N1	24-APR-2011 16:34:44	Bright	43.500	111	8Eta Boo	2.6800	6000.0	87	47842	No
189	GOM_NL__2PRFIN20110424_163857_000000513101_00414_47842_7763.N1	24-APR-2011 16:38:57	Bright	51.000	83		2.3780	11000.	102	47842	No
190	GOM_NL__2PRFIN20110424_164150_000000453101_00414_47842_7764.N1	24-APR-2011 16:41:50	Bright	44.500	180	27Gam Boo	3.0400	8000.0	89	47842	No
191	GOM_NL__2PRFIN20110424_164344_000000403101_00414_47842_7765.N1	24-APR-2011 16:43:44	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	47842	No
192	GOM_NL__2PRFIN20110424_165131_000000483101_00414_47842_7766.N1	24-APR-2011 16:51:31	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	47842	No
193	GOM_NL__2PRFIN20110424_170117_000000413101_00414_47842_7767.N1	24-APR-2011 17:01:17	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	47842	No
194	GOM_NL__2PRFIN20110424_170629_000000533101_00414_47842_7768.N1	24-APR-2011 17:06:29	Bright	52.500	19	50Alp Cyg	1.2460	10500.	105	47842	No
195	GOM_NL__2PRFIN20110424_171128_000000553101_00414_47842_7769.N1	24-APR-2011 17:11:28	Twi_and_stray	55.000	92	53Eps Cyg	2.5000	4500.0	110	47842	No
196	GOM_NL__2PRFIN20110424_171953_000000593101_00414_47842_7770.N1	24-APR-2011 17:19:53	Dark	58.500	61	8Eps Peg	2.1000	3900.0	117	47842	No
197	GOM_NL__2PRFIN20110424_172221_000000483101_00414_47842_7771.N1	24-APR-2011 17:22:21	Dark	47.500	162	34Alp Aqr	2.9440	5350.0	95	47842	No
198	GOM_NL__2PRFIN20110424_172533_000000533101_00414_47842_7772.N1	24-APR-2011 17:25:33	Dark	53.000	154	22Bet Aqr	2.8990	5700.0	106	47842	No
199	GOM_NL__2PRFIN20110424_174402_000000473101_00415_47843_7786.N1	24-APR-2011 17:44:02	Dark	47.000	103	38Zet Sgr	2.6000	9700.0	94	47843	No
200	GOM_NL__2PRFIN20110424_174704_000000673101_00415_47843_7787.N1	24-APR-2011 17:47:04	Dark	66.500	38	20Eps Sgr	1.8360	11000.	133	47843	No
201	GOM_NL__2PRFIN20110424_175019_000000633101_00415_47843_7788.N1	24-APR-2011 17:50:19	Straylight	62.500	25	35Lam Sco	1.6200	28000.	125	47843	No
202	GOM_NL__2PRFIN20110424_175346_000000613101_00415_47843_7789.N1	24-APR-2011 17:53:46	Straylight	61.000	75	26Eps Sco	2.2910	4250.0	122	47843	No
203	GOM_NL__2PRFIN20110424_175747_000000803101_00415_47843_7790.N1	24-APR-2011 17:57:47	Twi_and_stray	80.000	16	21Alp Sco	1.0200	3000.0	160	47843	No
204	GOM_NL__2PRFIN20110424_180021_000000683101_00415_47843_7791.N1	24-APR-2011 18:00:21	Twi_and_stray	68.000	80	7Del Sco	2.3160	30000.	136	47843	No
205	GOM_NL__2PRFIN20110424_180350_000000493101_00415_47843_7792.N1	24-APR-2011 18:03:50	Bright	49.000	122	9Alp2Lib	2.7470	9700.0	98	47843	No
206	GOM_NL__2PRFIN20110424_180623_000000553101_00415_47843_7793.N1	24-APR-2011 18:06:23	Bright	54.500	104	27Bet Lib	2.6140	13100.	109	47843	No
207	GOM_NL__2PRFIN20110424_181458_000000413101_00415_47843_7794.N1	24-APR-2011 18:14:58	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	47843	No
208	GOM_NL__2PRFIN20110424_181910_000000493101_00415_47843_7795.N1	24-APR-2011 18:19:10	Bright	49.000	83		2.3780	11000.	98	47843	No
209	GOM_NL__2PRFIN20110424_182203_000000433101_00415_47843_7796.N1	24-APR-2011 18:22:03	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	47843	No
210	GOM_NL__2PRFIN20110424_182357_000000403101_00415_47843_7797.N1	24-APR-2011 18:23:57	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	47843	No
211	GOM_NL__2PRFIN20110424_183145_000000473101_00415_47843_7798.N1	24-APR-2011 18:31:45	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	47843	No
212	GOM_NL__2PRFIN20110424_184131_000000413101_00415_47843_7799.N1	24-APR-2011 18:41:31	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	47843	No
213	GOM_NL__2PRFIN20110424_184643_000000563101_00415_47843_7800.N1	24-APR-2011 18:46:43	Bright	55.500	19	50Alp Cyg	1.2460	10500.	111	47843	No
214	GOM_NL__2PRFIN20110424_185142_000000553101_00415_47843_7801.N1	24-APR-2011 18:51:42	Twi_and_stray	55.000	92	53Eps Cyg	2.5000	4500.0	110	47843	No
215	GOM_NL__2PRFIN20110424_190008_000000613101_00415_47843_7802.N1	24-APR-2011 19:00:08	Dark	61.000	61	8Eps Peg	2.1000	3900.0	122	47843	No
216	GOM_NL__2PRFIN20110424_190236_000000543101_00415_47843_7803.N1	24-APR-2011 19:02:36	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	47843	No
217	GOM_NL__2PRFIN20110424_190547_000000573101_00415_47843_7804.N1	24-APR-2011 19:05:47	Dark	57.000	154	22Bet Aqr	2.8990	5700.0	114	47843	No
218	GOM_NL__2PRFIN20110424_192418_000000443101_00416_47844_7840.N1	24-APR-2011 19:24:18	Dark	44.000	103	38Zet Sgr	2.6000	9700.0	88	47844	No
219	GOM_NL__2PRFIN20110424_192719_000000723101_00416_47844_7841.N1	24-APR-2011 19:27:19	Straylight	71.500	38	20Eps Sgr	1.8360	11000.	143	47844	No

220	GOM_NL__2PRFIN20110424_193034_000000663101_00416_47844_7842.N1	24-APR-2011 19:30:34	Straylight	66.000	25	35Lam Sco	1.6200	28000.	132	47844	No
221	GOM_NL__2PRFIN20110424_193400_000000653101_00416_47844_7843.N1	24-APR-2011 19:34:00	Straylight	65.000	75	26Eps Sco	2.2910	4250.0	130	47844	No
222	GOM_NL__2PRFIN20110424_193802_000000833101_00416_47844_7844.N1	24-APR-2011 19:38:02	Twi_and_stray	83.000	16	21Alp Sco	1.0200	3000.0	166	47844	No
223	GOM_NL__2PRFIN20110424_194035_000000703101_00416_47844_7845.N1	24-APR-2011 19:40:35	Twi_and_stray	70.000	80	7Del Sco	2.3160	30000.	140	47844	No
224	GOM_NL__2PRFIN20110424_194404_000000473101_00416_47844_7846.N1	24-APR-2011 19:44:04	Bright	46.500	122	9Alp2Lib	2.7470	9700.0	93	47844	No
225	GOM_NL__2PRFIN20110424_194637_000000553101_00416_47844_7847.N1	24-APR-2011 19:46:37	Bright	54.500	104	27Bet Lib	2.6140	13100.	109	47844	No
226	GOM_NL__2PRFIN20110424_195512_000000413101_00416_47844_7848.N1	24-APR-2011 19:55:12	Bright	41.000	111	8Eta Boo	2.6800	6000.0	82	47844	No
227	GOM_NL__2PRFIN20110424_195924_000000483101_00416_47844_7849.N1	24-APR-2011 19:59:24	Bright	48.000	83		2.3780	11000.	96	47844	No
228	GOM_NL__2PRFIN20110424_200217_000000463101_00416_47844_7850.N1	24-APR-2011 20:02:17	Bright	46.000	180	27Gam Boo	3.0400	8000.0	92	47844	No
229	GOM_NL__2PRFIN20110424_200411_000000403101_00416_47844_7851.N1	24-APR-2011 20:04:11	Bright	40.000	39	85Eta UMa	1.8540	24000.	80	47844	No
230	GOM_NL__2PRFIN20110424_201158_000000443101_00416_47844_7852.N1	24-APR-2011 20:11:58	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	47844	No
231	GOM_NL__2PRFIN20110424_202144_000000413101_00416_47844_7853.N1	24-APR-2011 20:21:44	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	47844	No
232	GOM_NL__2PRFIN20110424_202657_000000563101_00416_47844_7854.N1	24-APR-2011 20:26:57	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	47844	No
233	GOM_NL__2PRFIN20110424_203156_000000493101_00416_47844_7855.N1	24-APR-2011 20:31:56	Twi_and_stray	49.000	92	53Eps Cyg	2.5000	4500.0	98	47844	No
234	GOM_NL__2PRFIN20110424_204023_000000593101_00416_47844_7856.N1	24-APR-2011 20:40:23	Dark	58.500	61	8Eps Peg	2.1000	3900.0	117	47844	No
235	GOM_NL__2PRFIN20110424_204250_000000493101_00416_47844_7857.N1	24-APR-2011 20:42:50	Dark	48.500	162	34Alp Aqr	2.9440	5350.0	97	47844	No
236	GOM_NL__2PRFIN20110424_204602_000000553101_00416_47844_7858.N1	24-APR-2011 20:46:02	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	47844	No
237	GOM_NL__2PRFIN20110424_210433_000000443101_00417_47845_7871.N1	24-APR-2011 21:04:33	Dark	44.000	103	38Zet Sgr	2.6000	9700.0	88	47845	No
238	GOM_NL__2PRFIN20110424_210735_000000693101_00417_47845_7872.N1	24-APR-2011 21:07:35	Straylight	68.500	38	20Eps Sgr	1.8360	11000.	137	47845	No
239	GOM_NL__2PRFIN20110424_211049_000000633101_00417_47845_7873.N1	24-APR-2011 21:10:49	Straylight	63.000	25	35Lam Sco	1.6200	28000.	126	47845	No
240	GOM_NL__2PRFIN20110424_211415_000000673101_00417_47845_7874.N1	24-APR-2011 21:14:15	Straylight	66.500	75	26Eps Sco	2.2910	4250.0	133	47845	No
241	GOM_NL__2PRFIN20110424_211817_000000773101_00417_47845_7875.N1	24-APR-2011 21:18:17	Twi_and_stray	76.500	16	21Alp Sco	1.0200	3000.0	153	47845	No
242	GOM_NL__2PRFIN20110424_212050_000000743101_00417_47845_7876.N1	24-APR-2011 21:20:50	Twi_and_stray	73.500	80	7Del Sco	2.3160	30000.	147	47845	No
243	GOM_NL__2PRFIN20110424_212418_000000503101_00417_47845_7877.N1	24-APR-2011 21:24:18	Bright	49.500	122	9Alp2Lib	2.7470	9700.0	99	47845	No
244	GOM_NL__2PRFIN20110424_212651_000000553101_00417_47845_7878.N1	24-APR-2011 21:26:51	Bright	54.500	104	27Bet Lib	2.6140	13100.	109	47845	No
245	GOM_NL__2PRFIN20110424_213525_000000403101_00417_47845_7879.N1	24-APR-2011 21:35:25	Bright	40.000	111	8Eta Boo	2.6800	6000.0	80	47845	No
246	GOM_NL__2PRFIN20110424_213937_000000473101_00417_47845_7880.N1	24-APR-2011 21:39:37	Bright	47.000	83		2.3780	11000.	94	47845	No
247	GOM_NL__2PRFIN20110424_214230_000000443101_00417_47845_7881.N1	24-APR-2011 21:42:30	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	47845	No
248	GOM_NL__2PRFIN20110424_214425_000000413101_00417_47845_7882.N1	24-APR-2011 21:44:25	Bright	41.000	39	85Eta UMa	1.8540	24000.	82	47845	No
249	GOM_NL__2PRFIN20110424_215211_000000483101_00417_47845_7883.N1	24-APR-2011 21:52:11	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	47845	No
250	GOM_NL__2PRFIN20110424_220158_000000413101_00417_47845_7884.N1	24-APR-2011 22:01:58	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	47845	No
251	GOM_NL__2PRFIN20110424_220710_000000563101_00417_47845_7885.N1	24-APR-2011 22:07:10	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	47845	No
252	GOM_NL__2PRFIN20110424_221210_000000493101_00417_47845_7886.N1	24-APR-2011 22:12:10	Twi_and_stray	49.000	92	53Eps Cyg	2.5000	4500.0	98	47845	No
253	GOM_NL__2PRFIN20110424_222037_000000543101_00417_47845_7887.N1	24-APR-2011 22:20:37	Dark	53.500	61	8Eps Peg	2.1000	3900.0	107	47845	No
254	GOM_NL__2PRFIN20110424_222305_000000503101_00417_47845_7888.N1	24-APR-2011 22:23:05	Dark	49.500	162	34Alp Aqr	2.9440	5350.0	99	47845	No
255	GOM_NL__2PRFIN20110424_222617_000000553101_00417_47845_7889.N1	24-APR-2011 22:26:17	Dark	54.500	154	22Bet Aqr	2.8990	5700.0	109	47845	No
256	GOM_NL__2PRFIN20110424_224449_000000423101_00418_47846_7884.N1	24-APR-2011 22:44:49	Dark	42.000	103	38Zet Sgr	2.6000	9700.0	84	47846	No
257	GOM_NL__2PRFIN20110424_224750_000000703101_00418_47846_7885.N1	24-APR-2011 22:47:50	Straylight	69.500	38	20Eps Sgr	1.8360	11000.	139	47846	No
258	GOM_NL__2PRFIN20110424_225104_000000613101_00418_47846_7886.N1	24-APR-2011 22:51:04	Straylight	61.000	25	35Lam Sco	1.6200	28000.	122	47846	No
259	GOM_NL__2PRFIN20110424_225430_000000633101_00418_47846_7887.N1	24-APR-2011 22:54:30	Straylight	63.000	75	26Eps Sco	2.2910	4250.0	126	47846	No
260	GOM_NL__2PRFIN20110424_225831_000000783101_00418_47846_7888.N1	24-APR-2011 22:58:31	Twi_and_stray	78.000	16	21Alp Sco	1.0200	3000.0	156	47846	No
261	GOM_NL__2PRFIN20110424_230104_000000683101_00418_47846_7889.N1	24-APR-2011 23:01:04	Twi_and_stray	67.500	80	7Del Sco	2.3160	30000.	135	47846	No
262	GOM_NL__2PRFIN20110424_230432_000000483101_00418_47846_7890.N1	24-APR-2011 23:04:32	Bright	47.500	122	9Alp2Lib	2.7470	9700.0	95	47846	No
263	GOM_NL__2PRFIN20110424_230704_000000553101_00418_47846_7891.N1	24-APR-2011 23:07:04	Bright	54.500	104	27Bet Lib	2.6140	13100.	109	47846	No
264	GOM_NL__2PRFIN20110424_231539_000000423101_00418_47846_7892.N1	24-APR-2011 23:15:39	Bright	42.000	111	8Eta Boo	2.6800	6000.0	84	47846	No
265	GOM_NL__2PRFIN20110424_231950_000000513101_00418_47846_7893.N1	24-APR-2011 23:19:50	Bright	50.500	83		2.3780	11000.	101	47846	No
266	GOM_NL__2PRFIN20110424_232243_000000443101_00418_47846_7894.N1	24-APR-2011 23:22:43	Bright	43.500	180	27Gam Boo	3.0400	8000.0	87	47846	No
267	GOM_NL__2PRFIN20110424_232438_000000393101_00418_47846_7895.N1	24-APR-2011 23:24:38	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	47846	No
268	GOM_NL__2PRFIN20110424_233224_000000453101_00418_47846_7896.N1	24-APR-2011 23:32:24	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	47846	No
269	GOM_NL__2PRFIN20110424_234212_000000423101_00418_47846_7897.N1	24-APR-2011 23:42:12	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	47846	No
270	GOM_NL__2PRFIN20110424_234724_000000573101_00418_47846_7898.N1	24-APR-2011 23:47:24	Bright	57.000	19	50Alp Cyg	1.2460	10500.	114	47846	No
271	GOM_NL__2PRFIN20110424_235224_000000423101_00418_47846_7899.N1	24-APR-2011 23:52:24	Twi_and_stray	42.000	92	53Eps Cyg	2.5000	4500.0	84	47846	No

3. Quality information per product

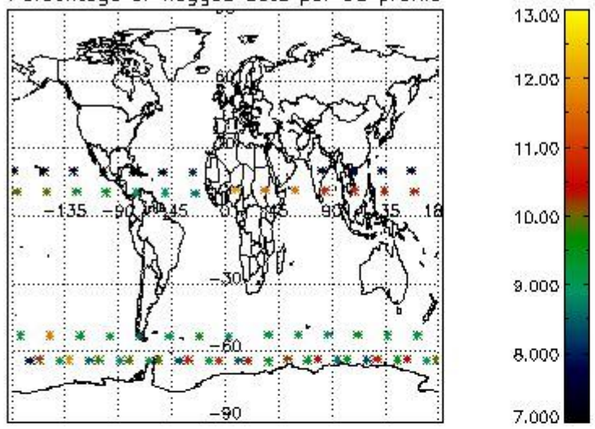
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

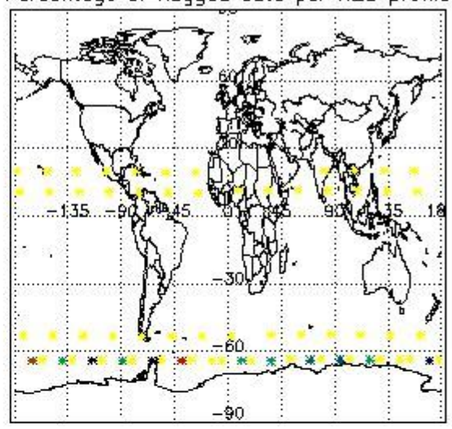


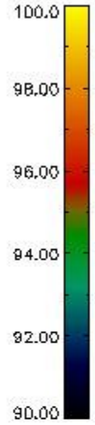
3.2 Plot quality information per product (world map)

Percentage of flagged data per O3 profile

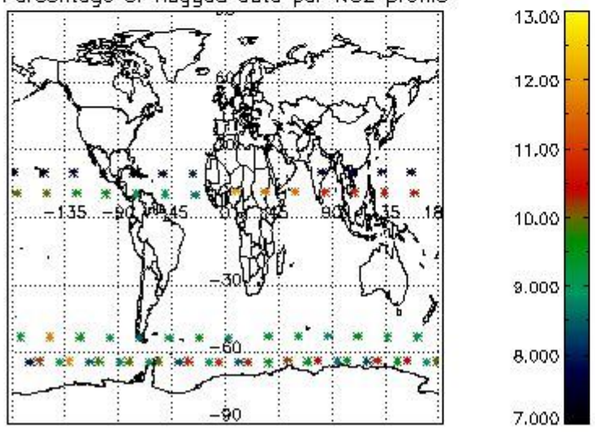


Percentage of flagged data per H2O profile

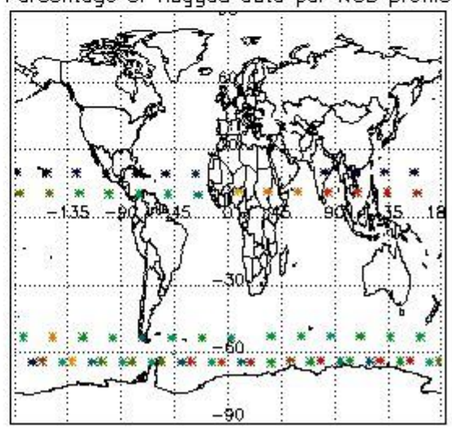


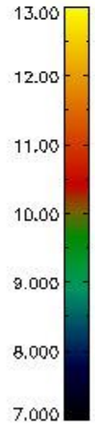


Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



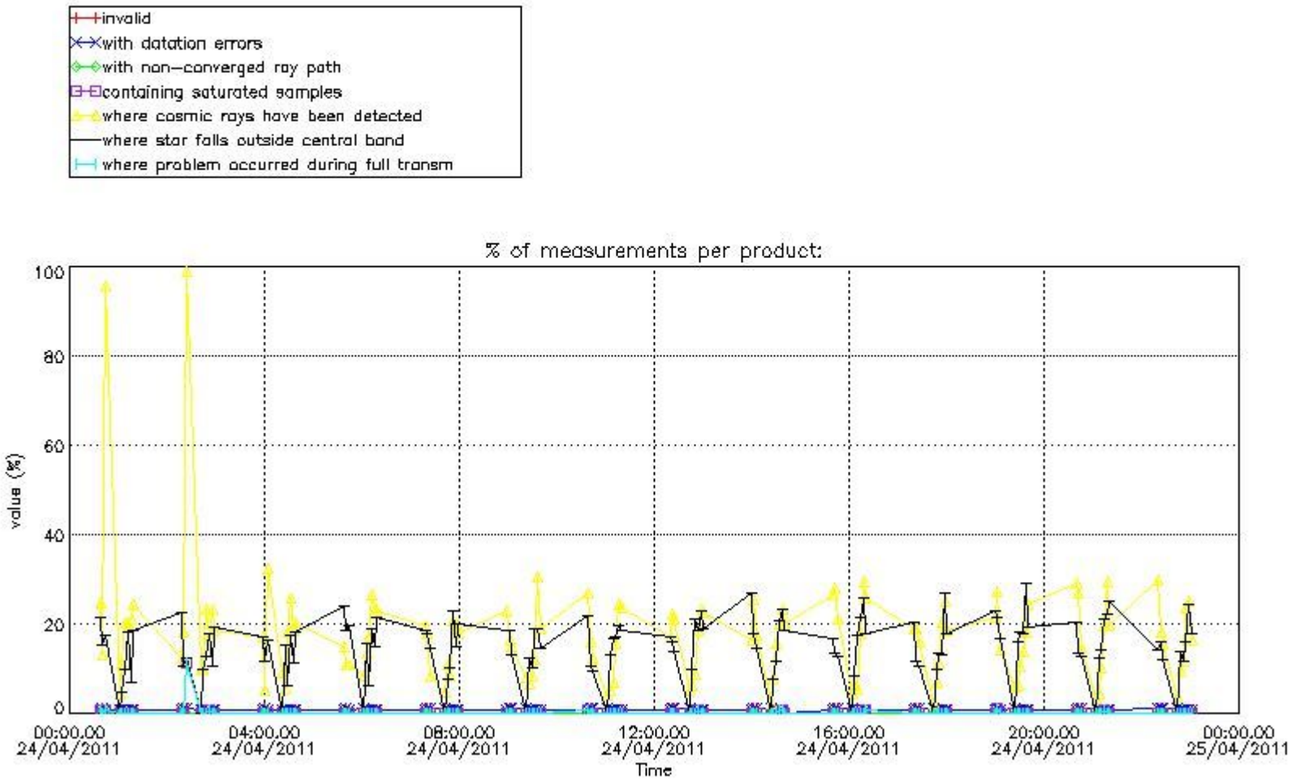


4. Level 1 quality information per product

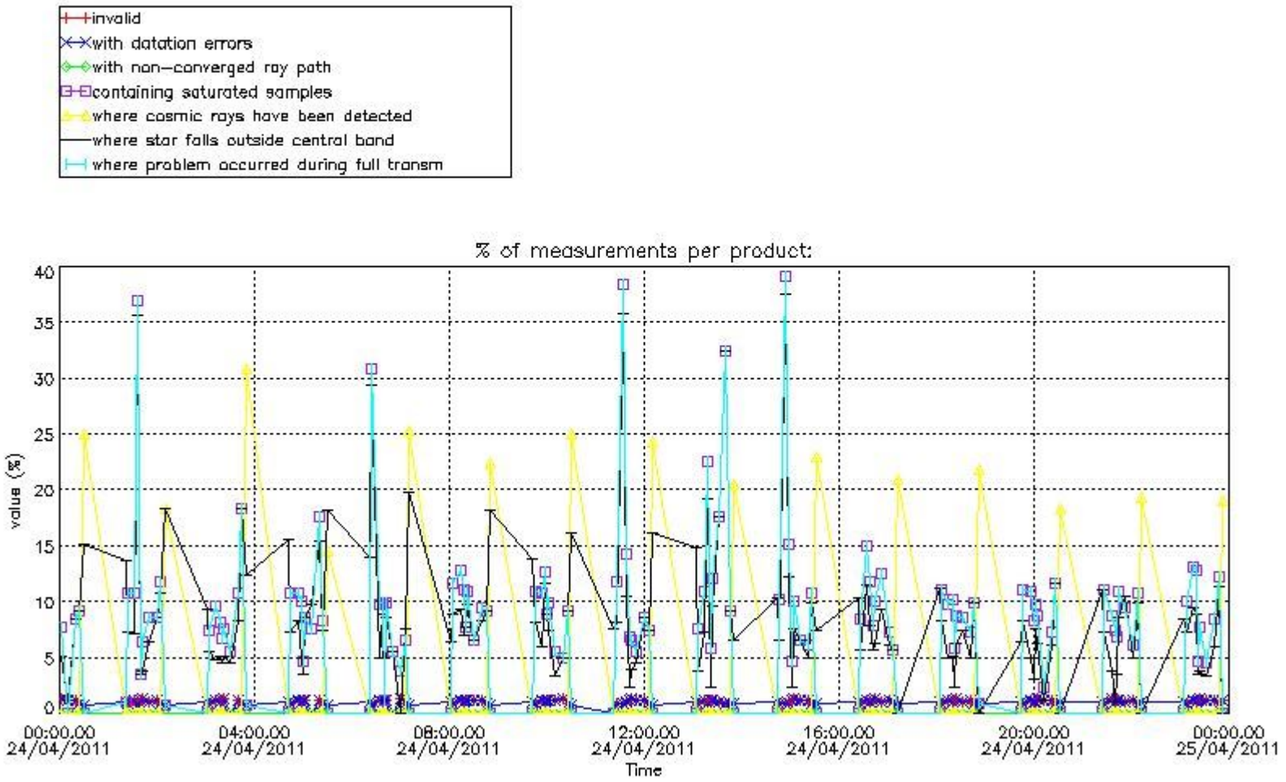
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

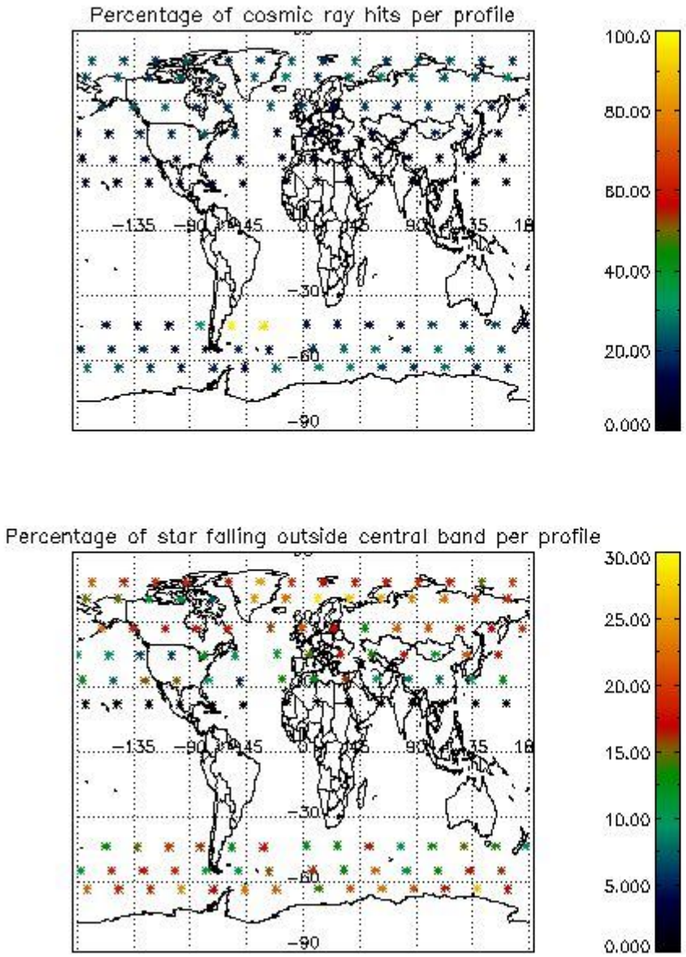


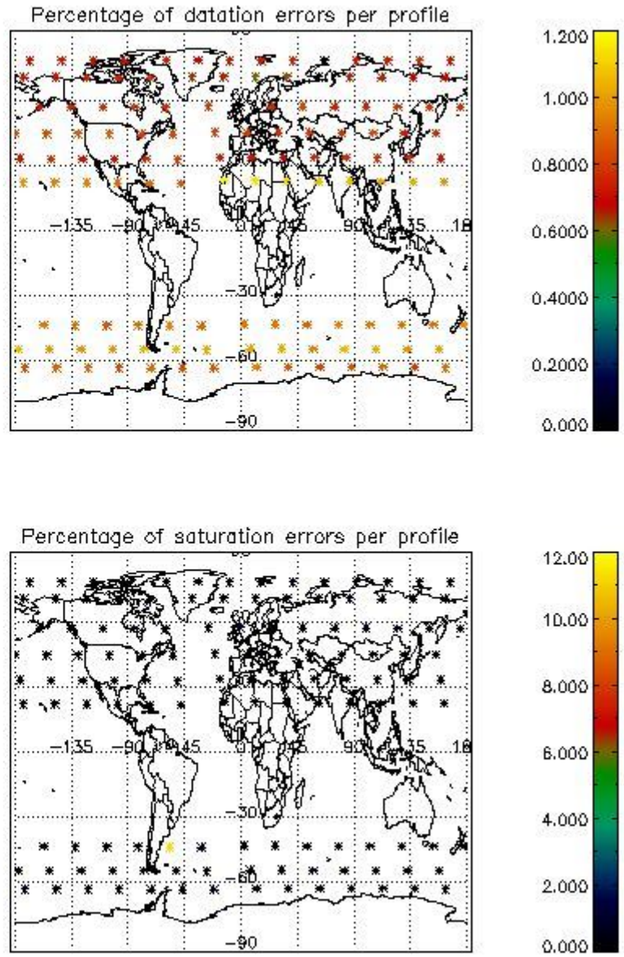
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



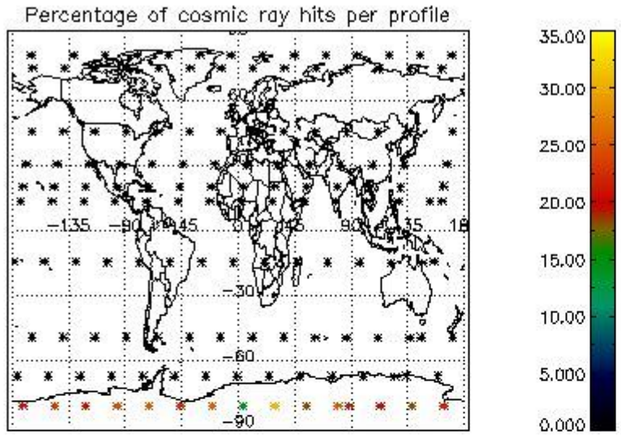
4.2 Plot quality information per product comming from level 1b processing (world map)

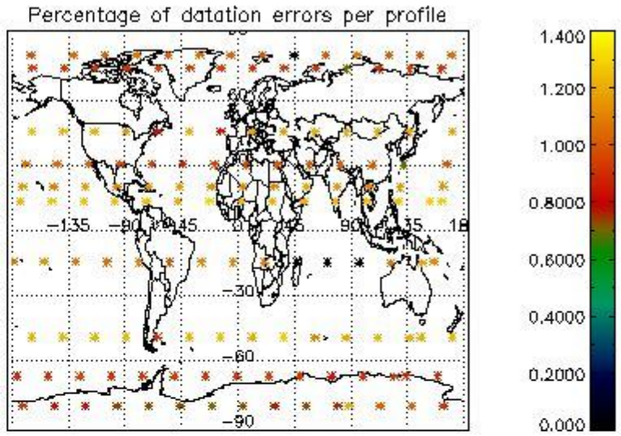
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

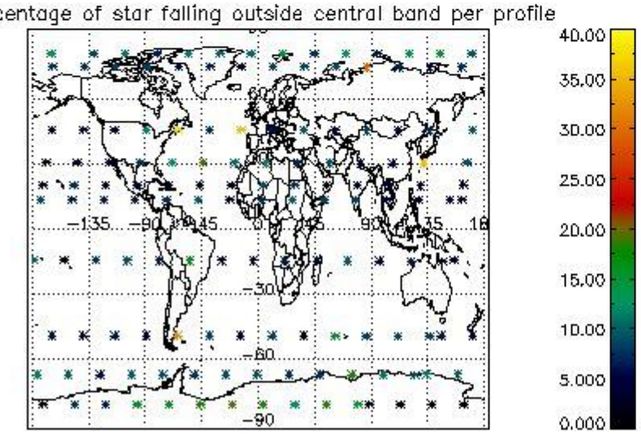


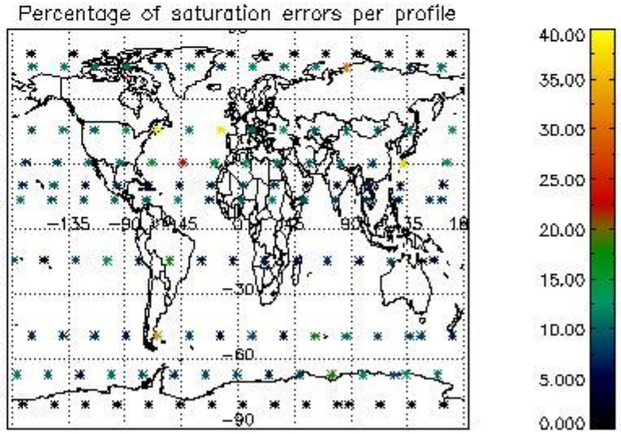


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

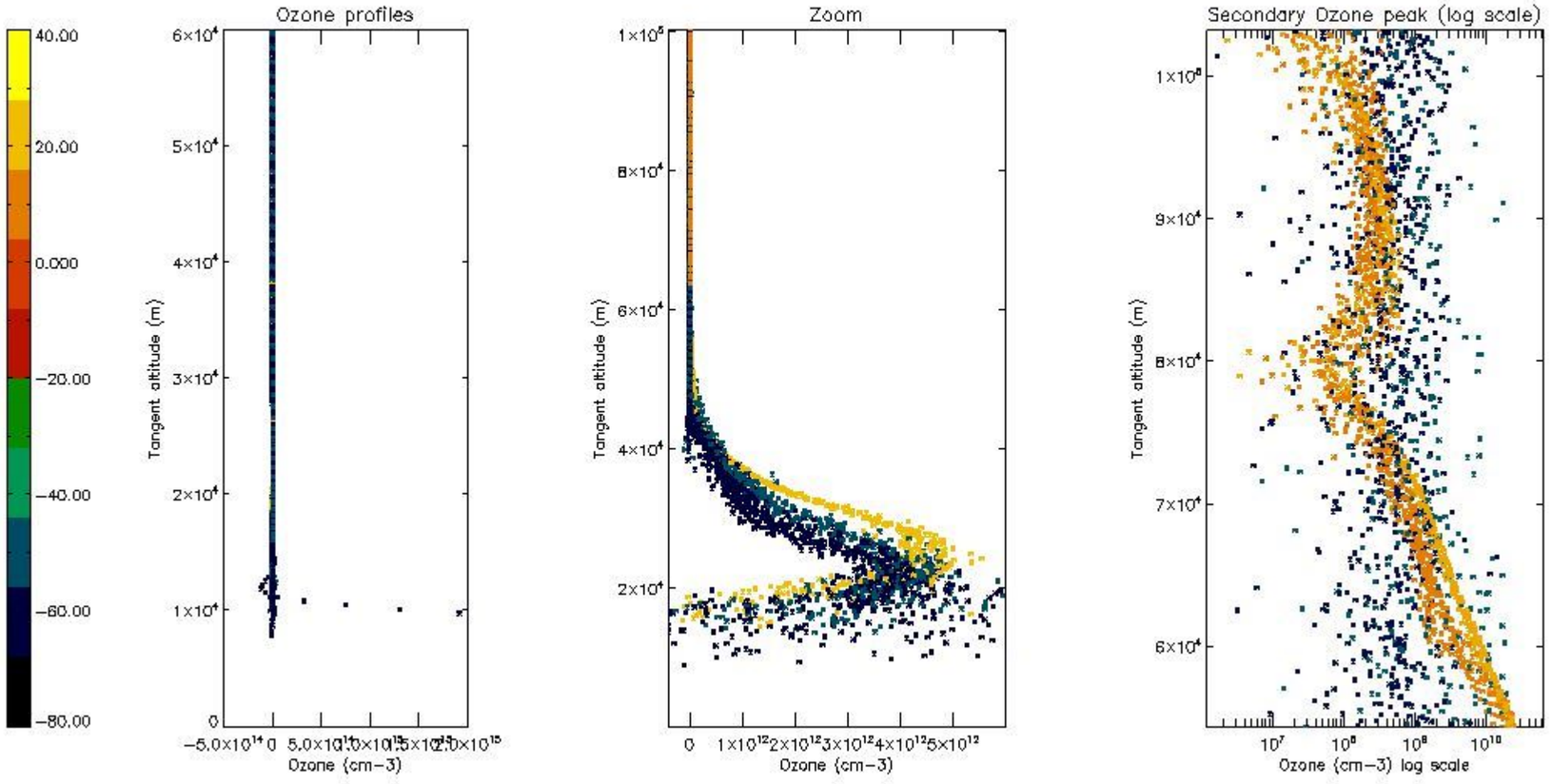
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	7

STD < 10	4
STD < 5	2

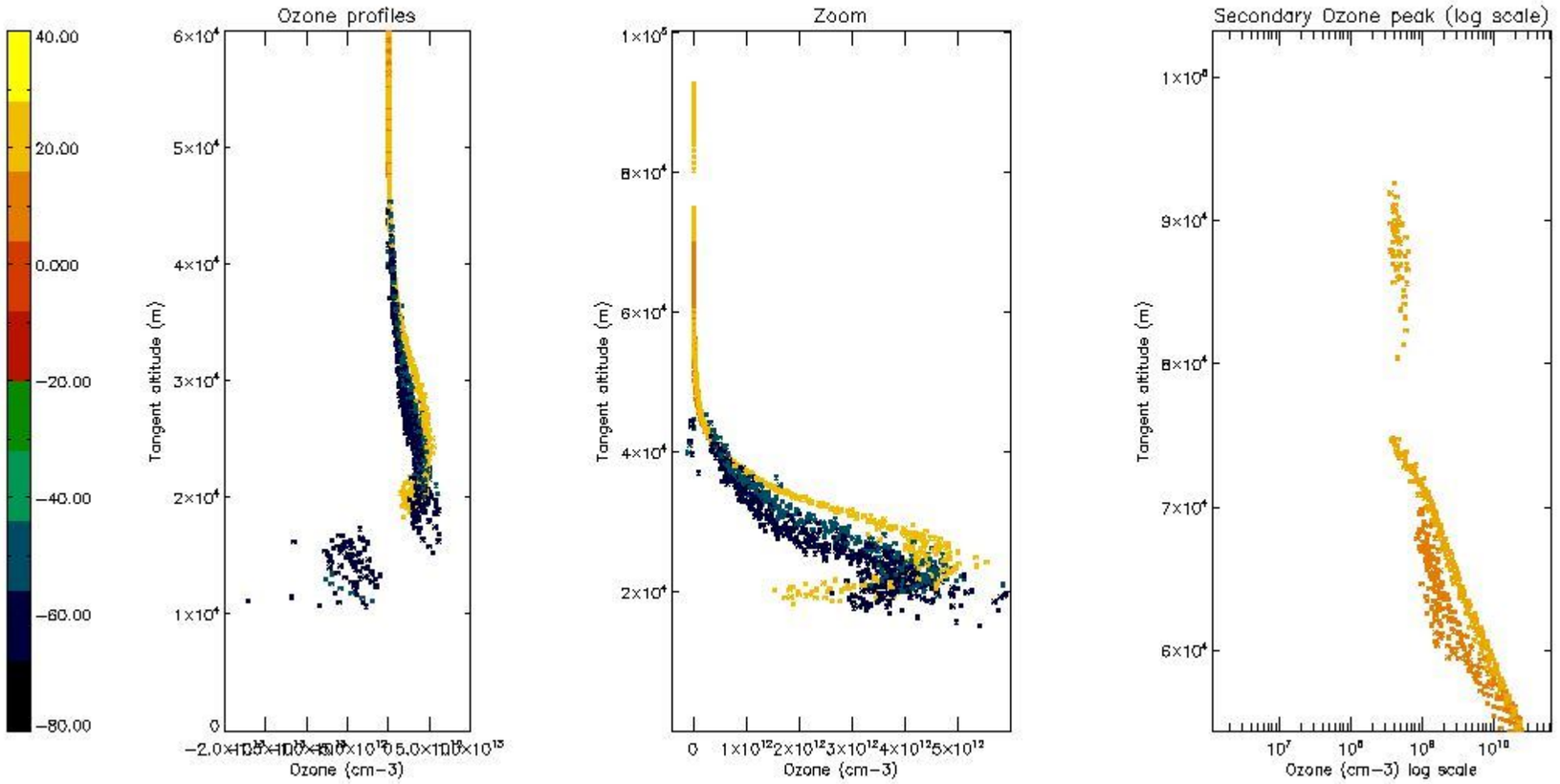
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



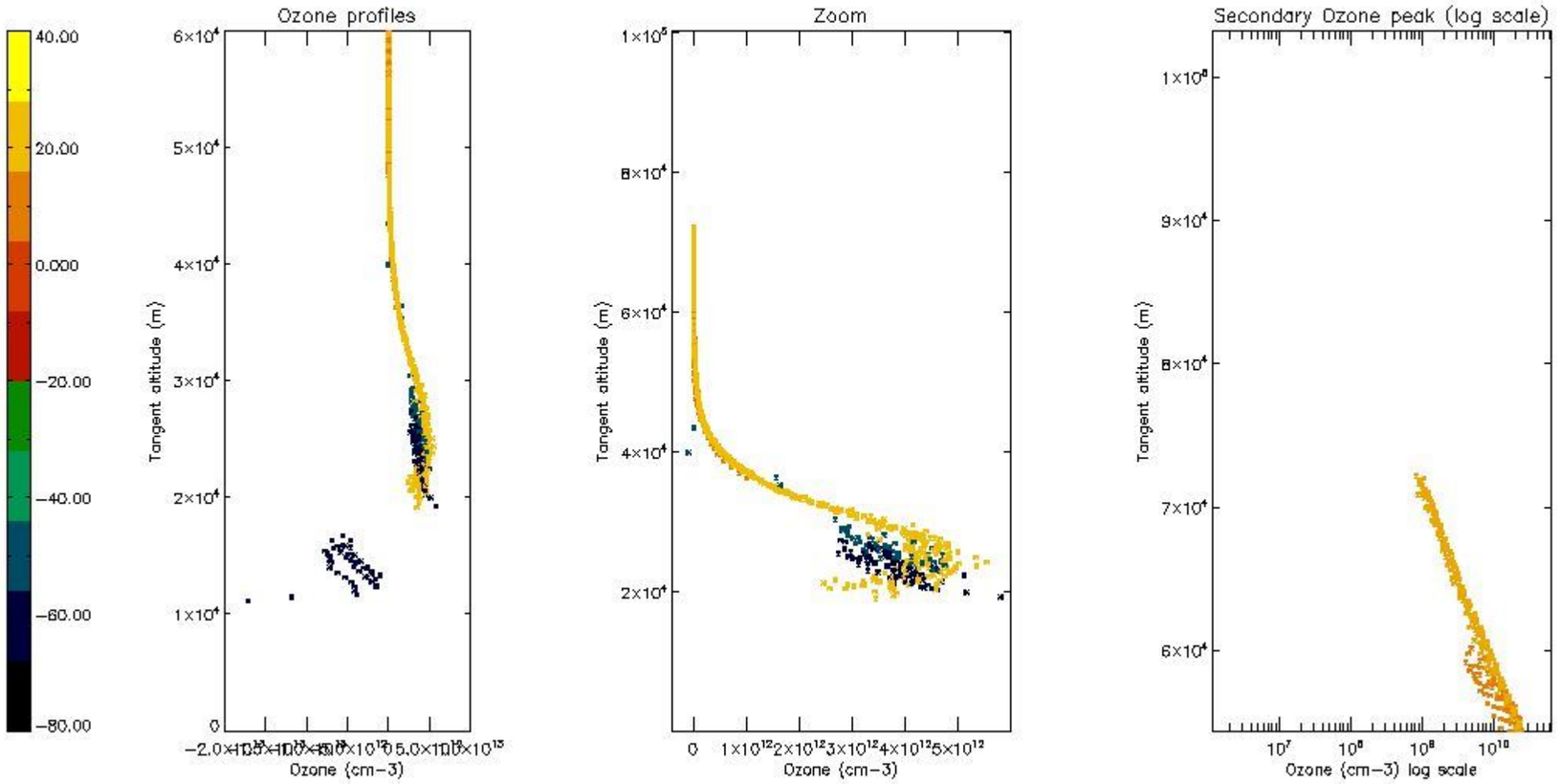
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



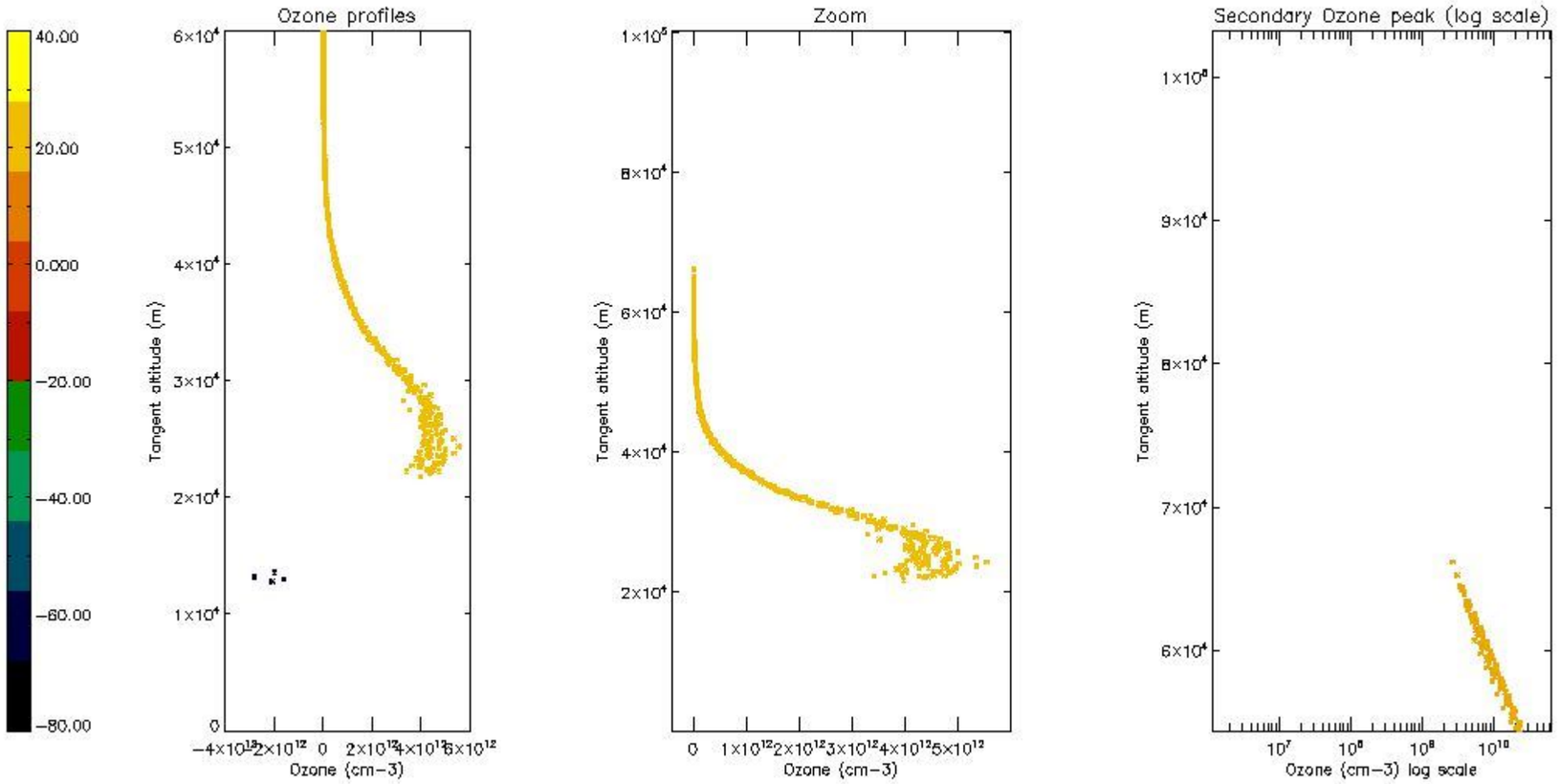
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



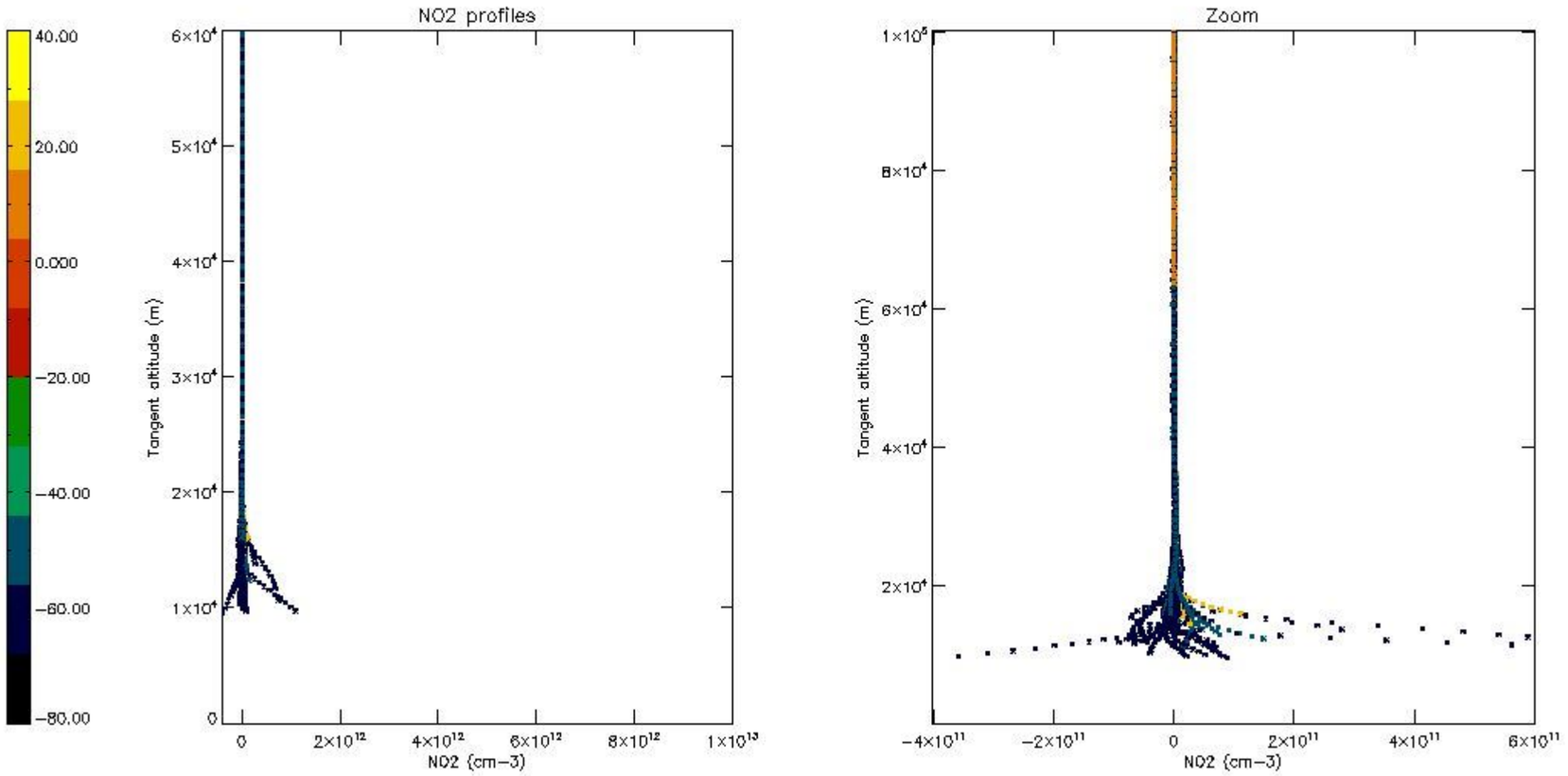
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



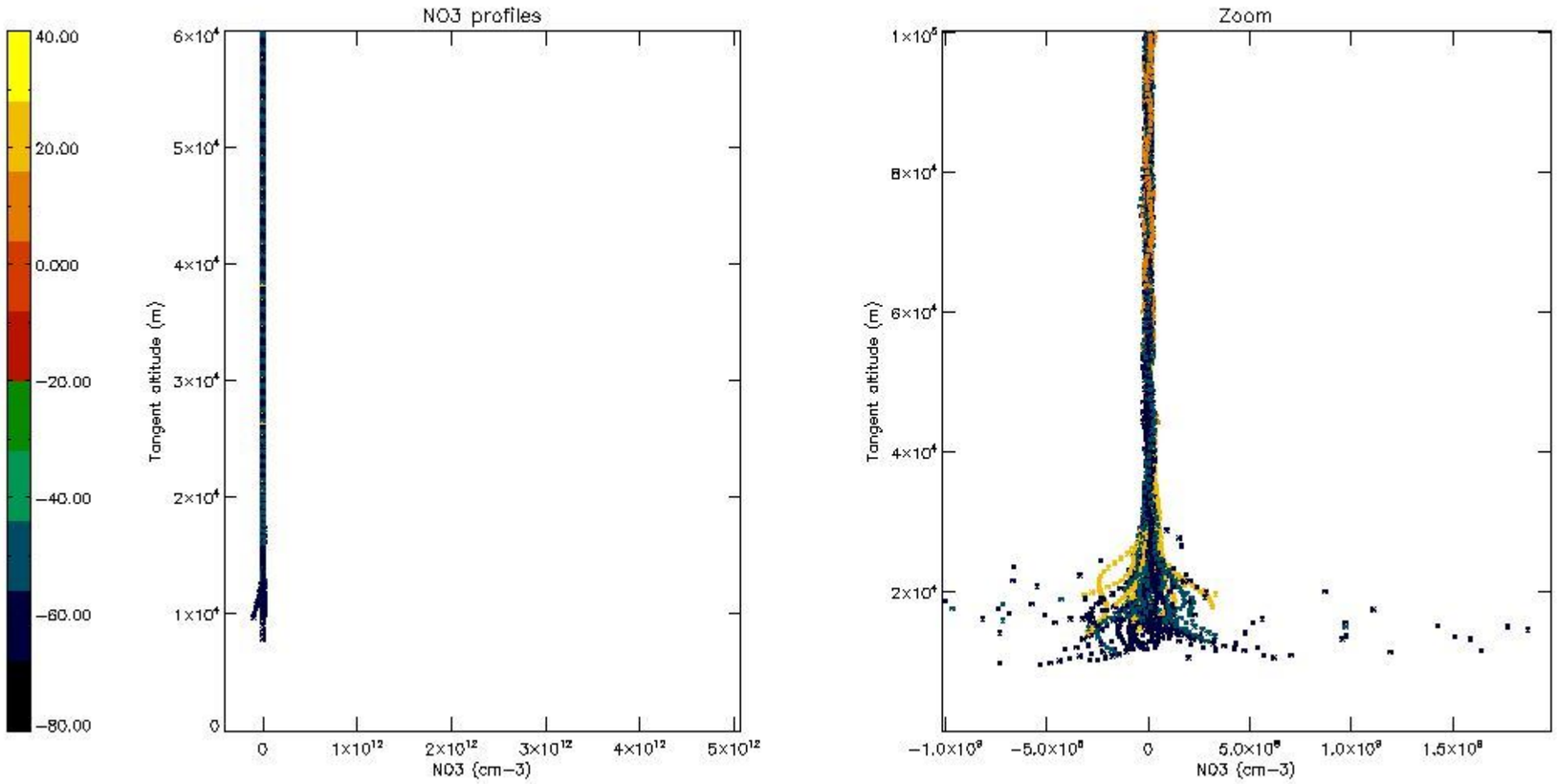
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

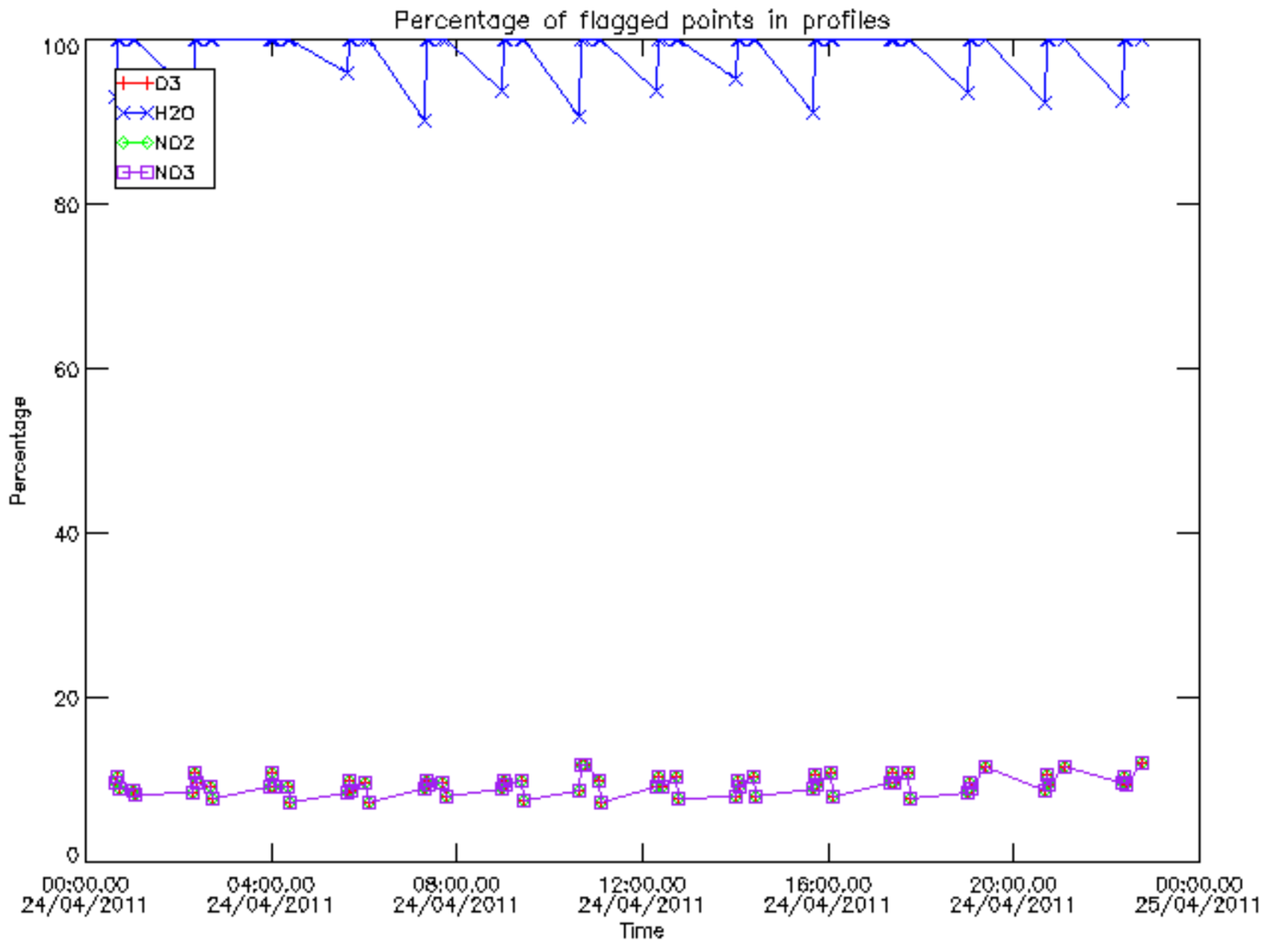
The colorbar represents the latitude.

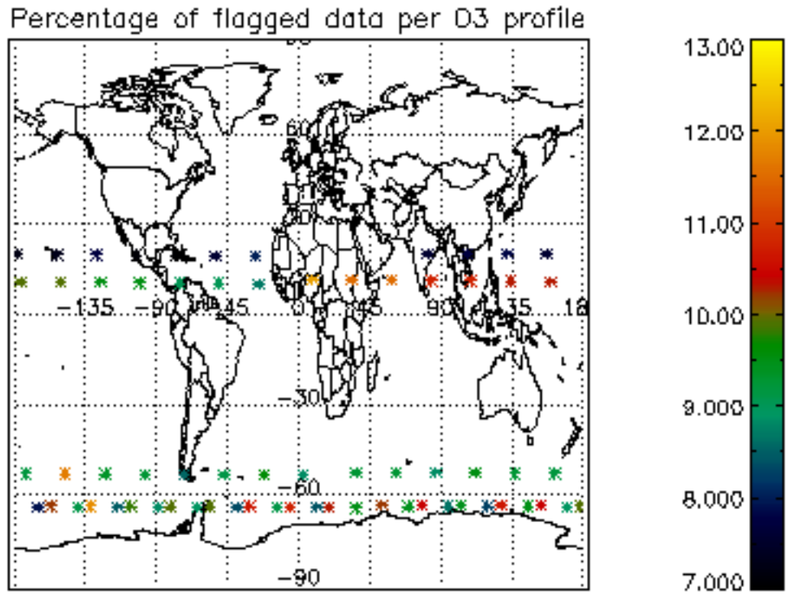


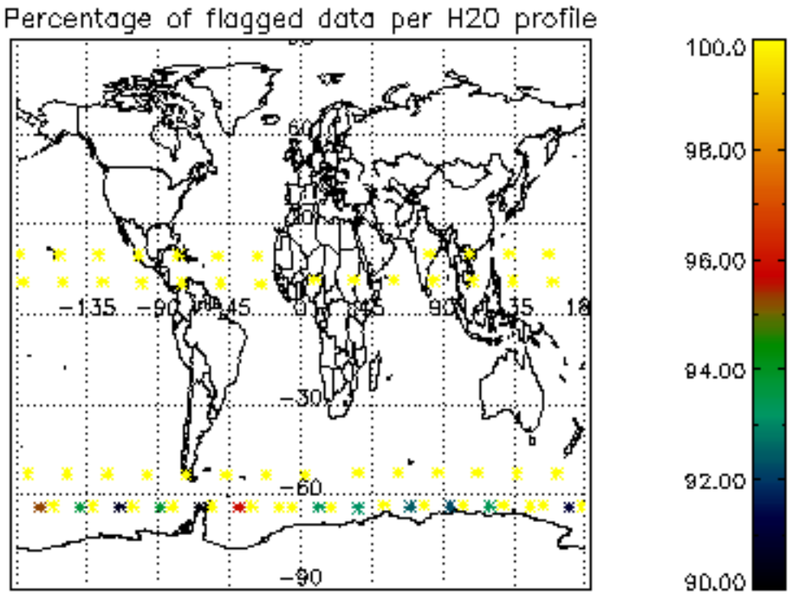
6. Auxiliary Data Files used for the production reported in section 2

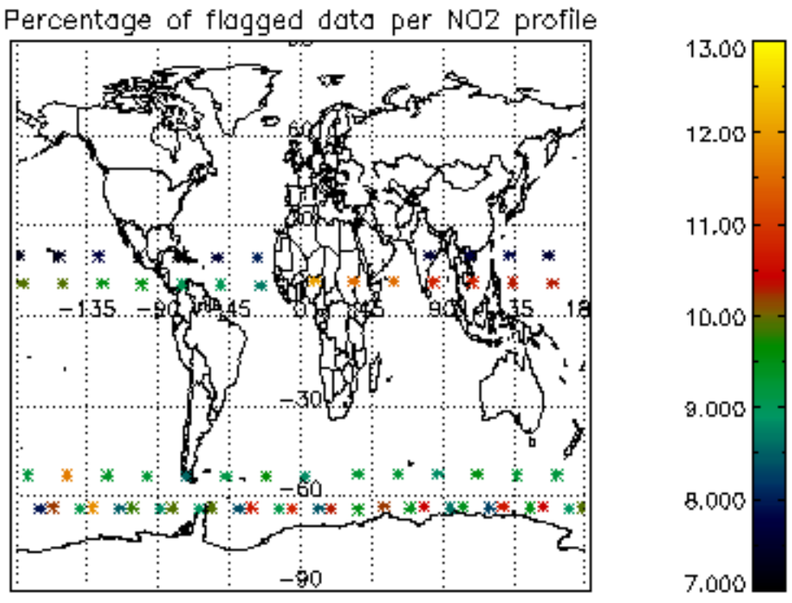
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

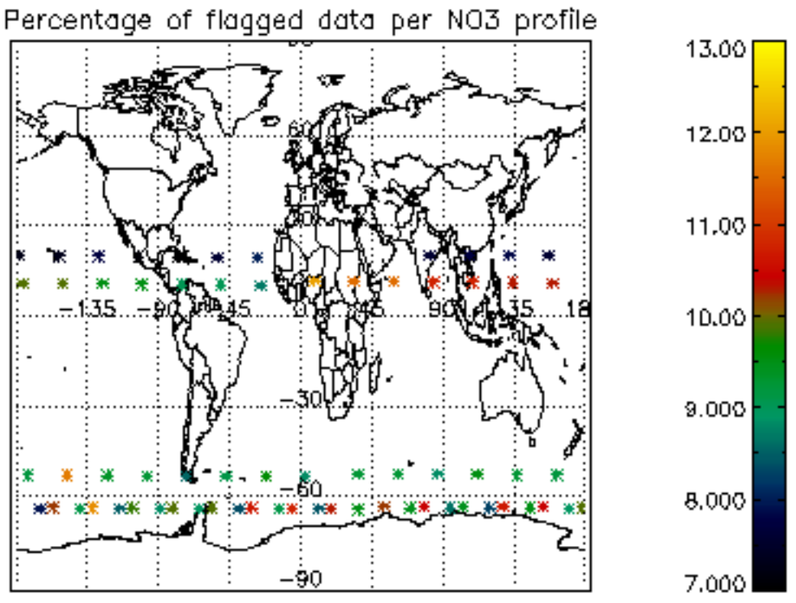
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-APR-2011 00:01:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-APR-2011 00:01:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-APR-2011 00:01:27

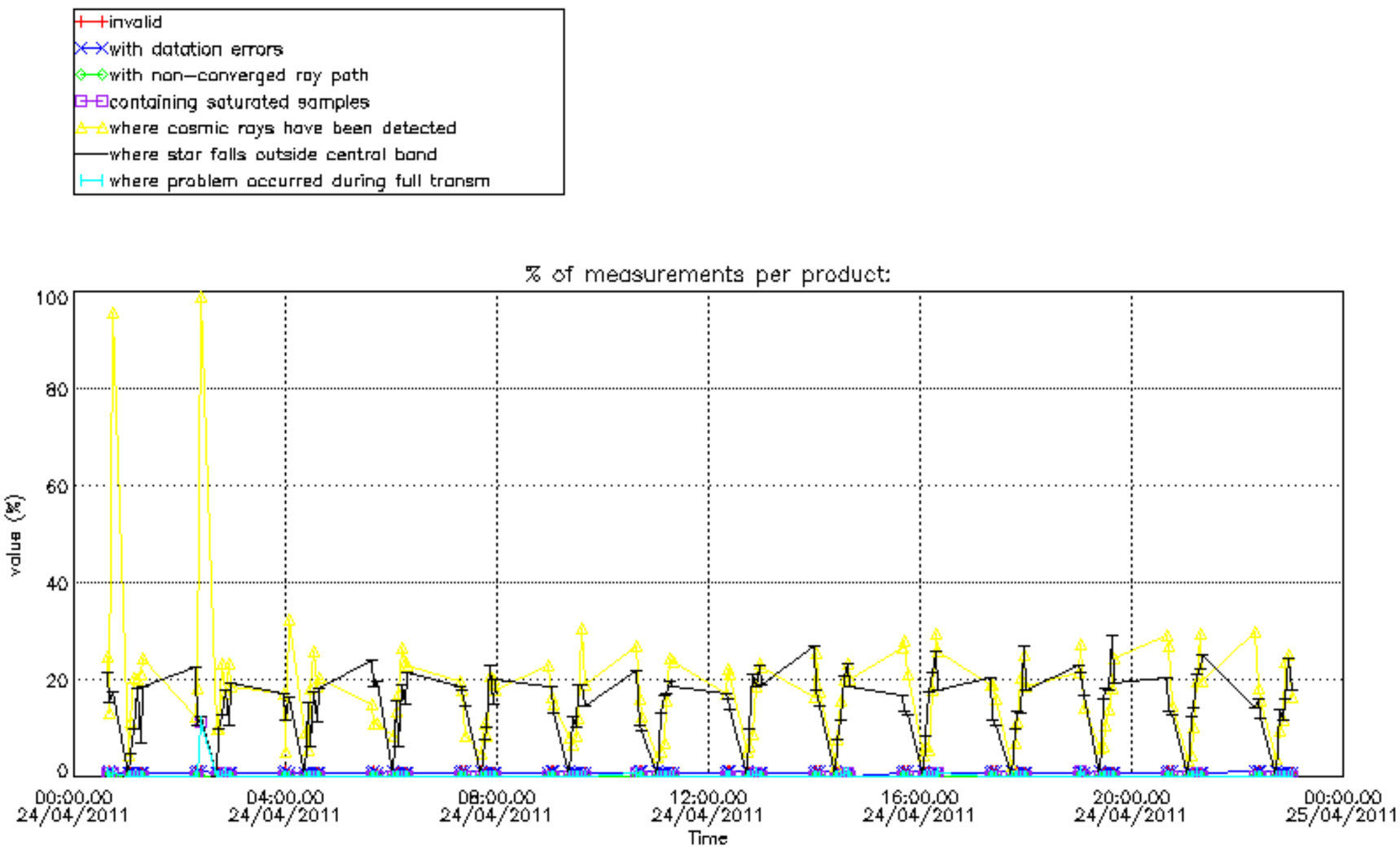

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
24/04/2011
04:00.00
24/04/2011
08:00.00
24/04/2011
12:00.00
24/04/2011
16:00.00
24/04/2011
20:00.00
24/04/2011
00:00.00
25/04/2011
Time

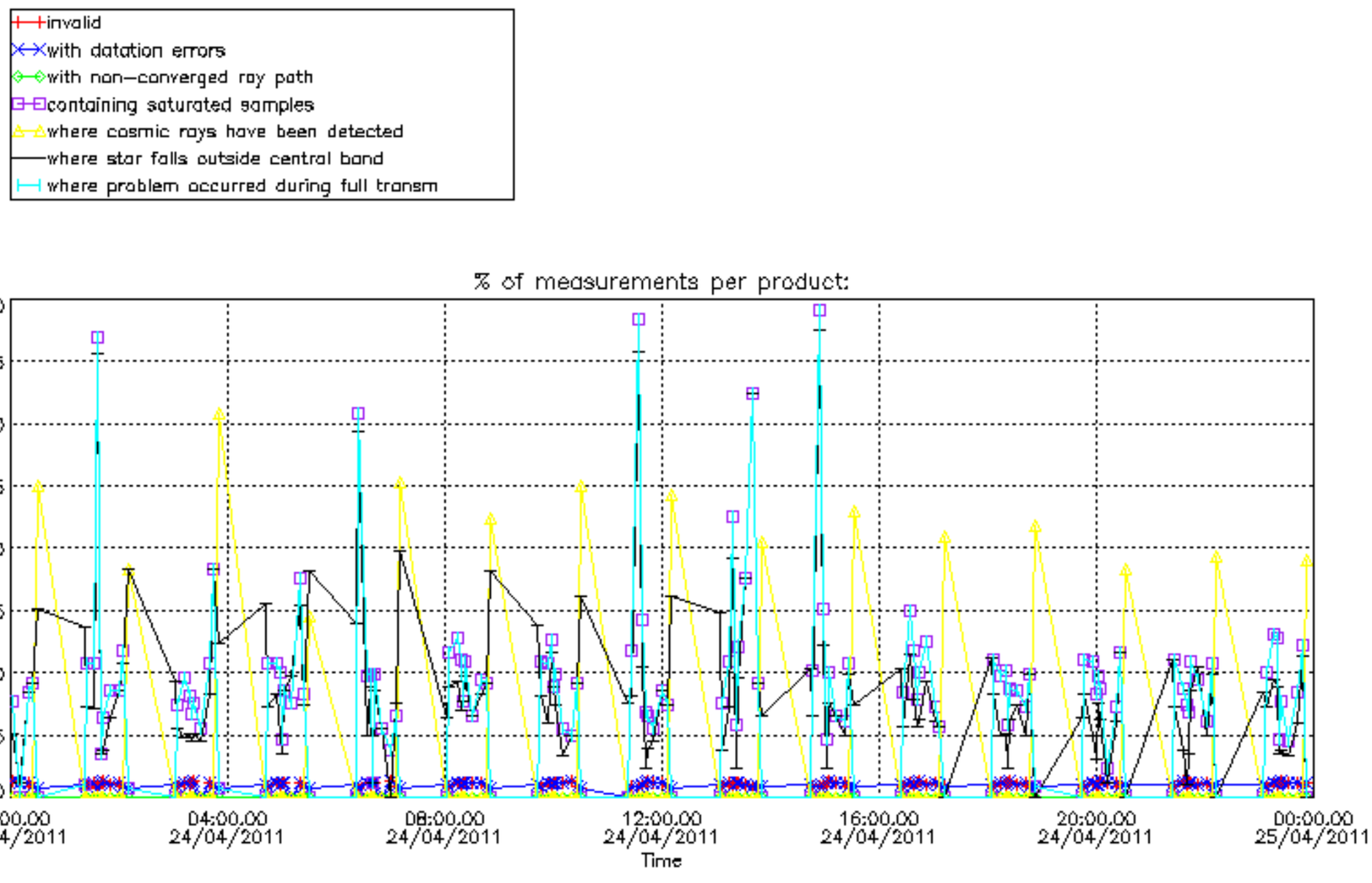

Percentage of flagged data per O3 profile
13.00
12.00
11.00
10.00
9.000
8.000
7.000
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

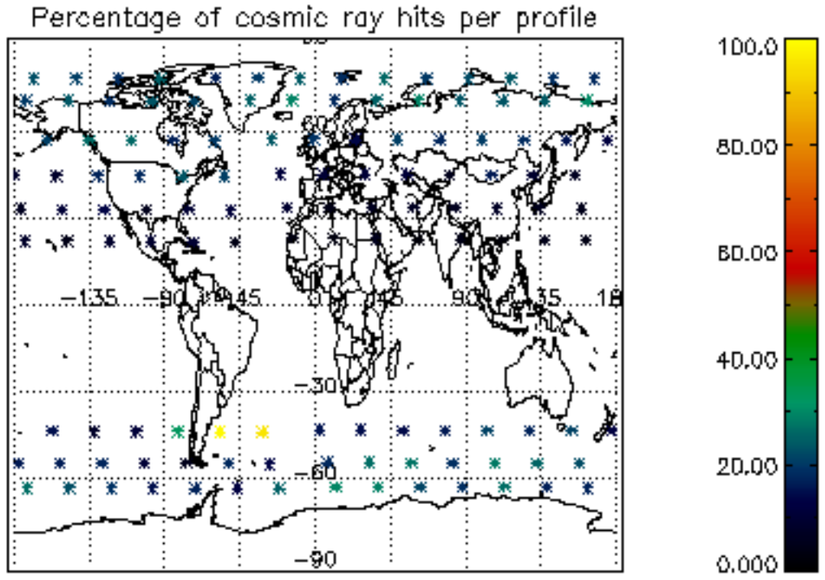

Percentage of flagged data per H2O profile
100.0
98.00
96.00
94.00
92.00
90.00
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

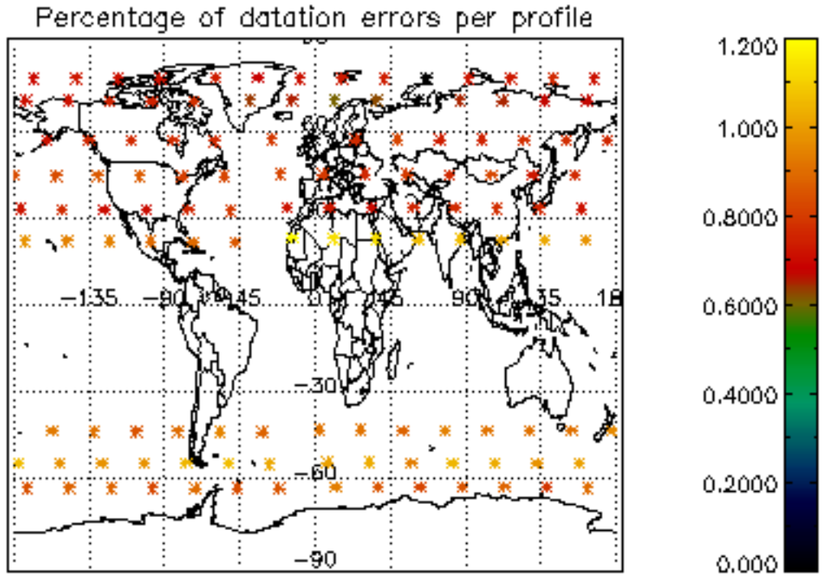

Percentage of flagged data per NO2 profile
13.00
12.00
11.00
10.00
9.000
8.000
7.000
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

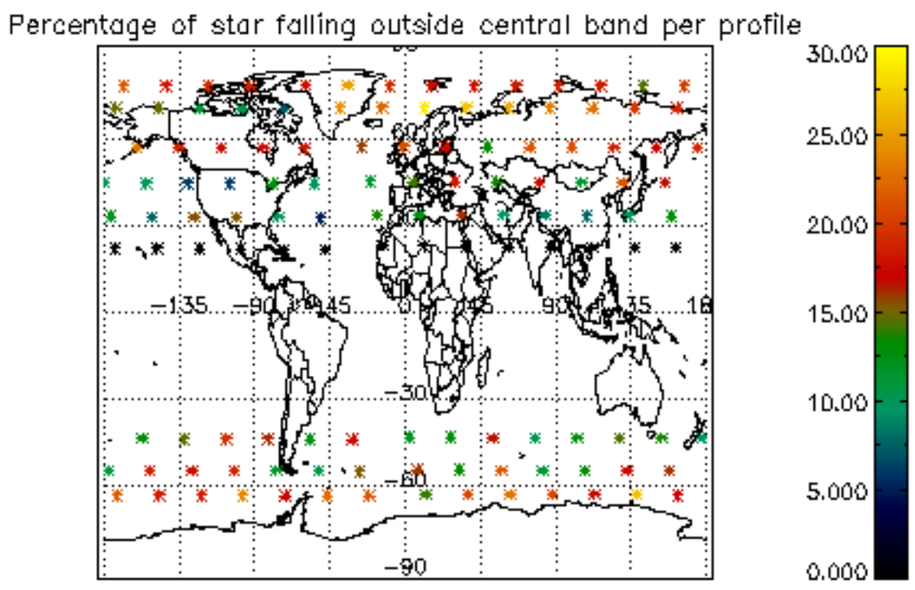

Percentage of flagged data per NO3 profile
13.00
12.00
11.00
10.00
9.000
8.000
7.000
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

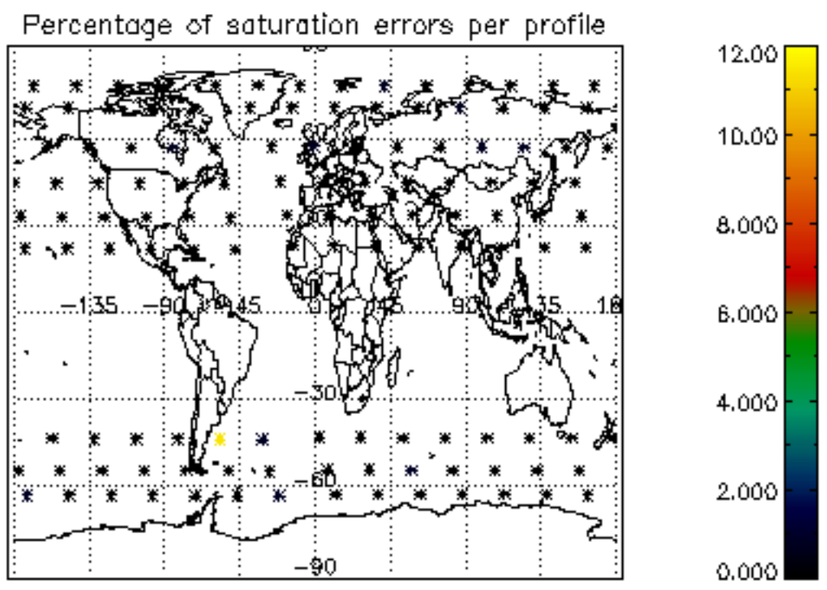

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
24/04/2011
04:00.00
24/04/2011
08:00.00
24/04/2011
12:00.00
24/04/2011
16:00.00
24/04/2011
20:00.00
24/04/2011
00:00.00
25/04/2011
Time

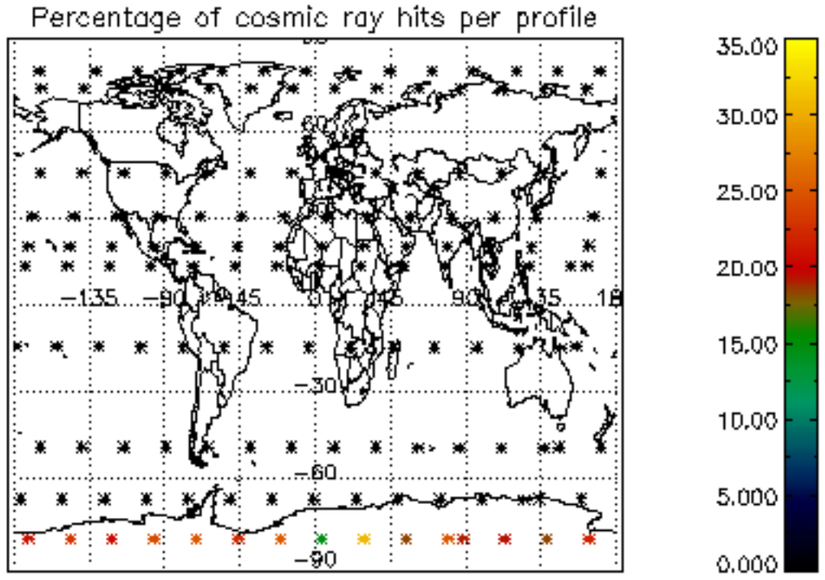

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
35
40
00:00.00 24/04/2011
04:00.00 24/04/2011
08:00.00 24/04/2011
12:00.00 24/04/2011
16:00.00 24/04/2011
20:00.00 24/04/2011
00:00.00 25/04/2011
Time

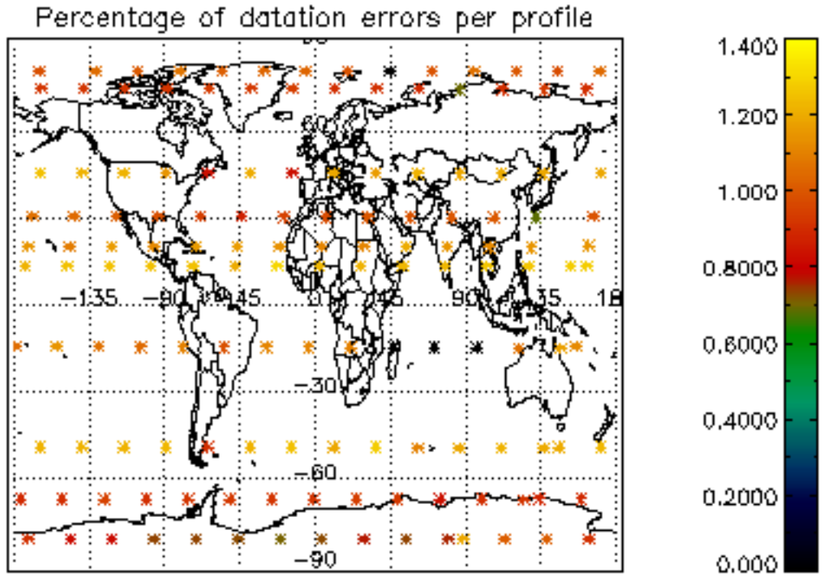

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−30
−60
−90

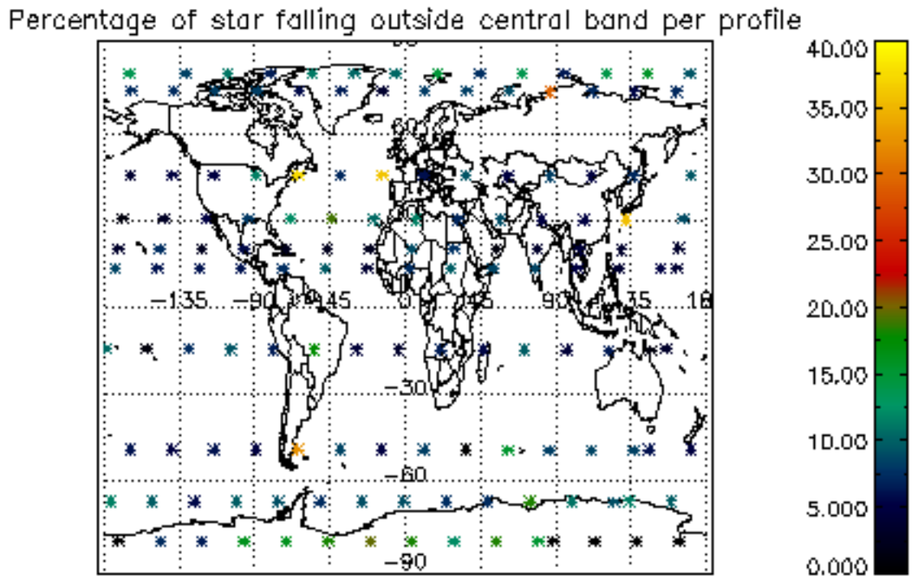

Percentage of datation errors per profile
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−30
−60
−90

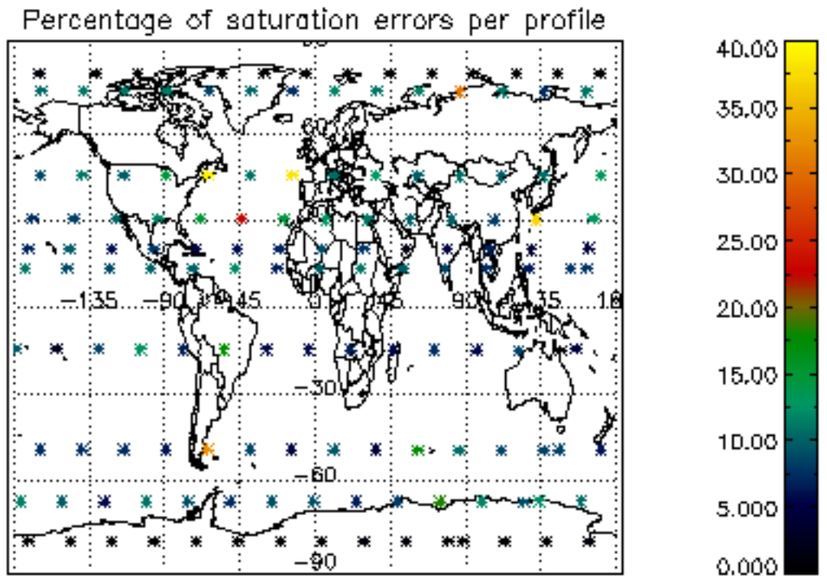

Percentage of star falling outside central band per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

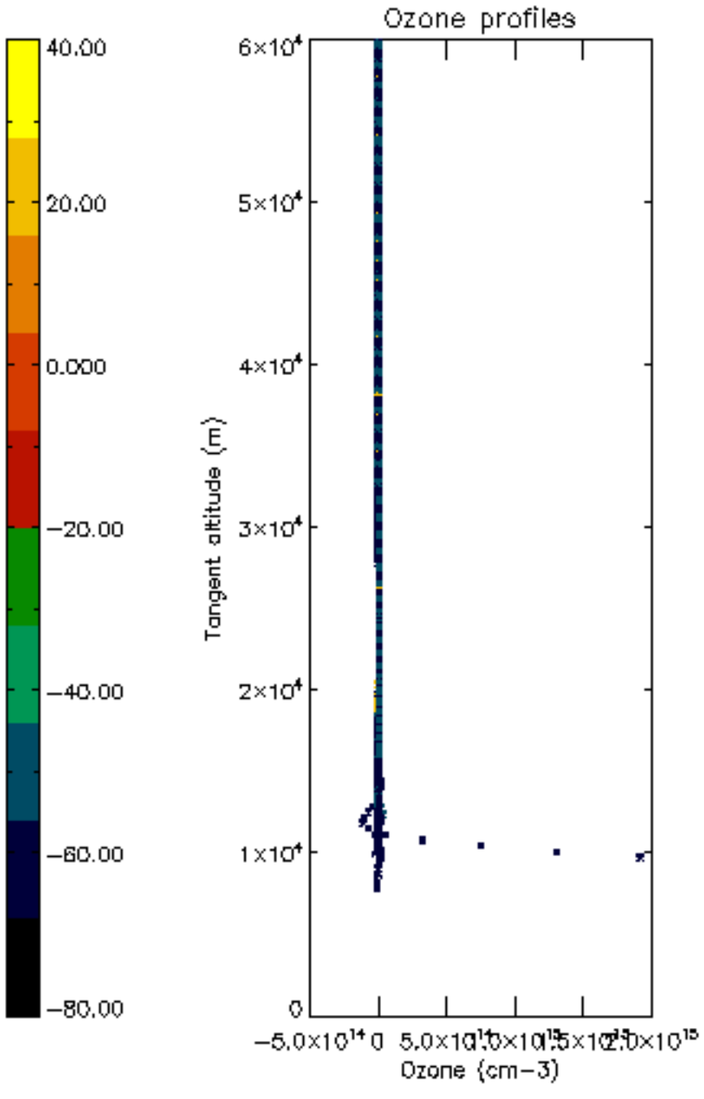

Percentage of saturation errors per profile
12.00
10.00
8.000
6.000
4.000
2.000
0.000
−135
−90
−30
−60
−90

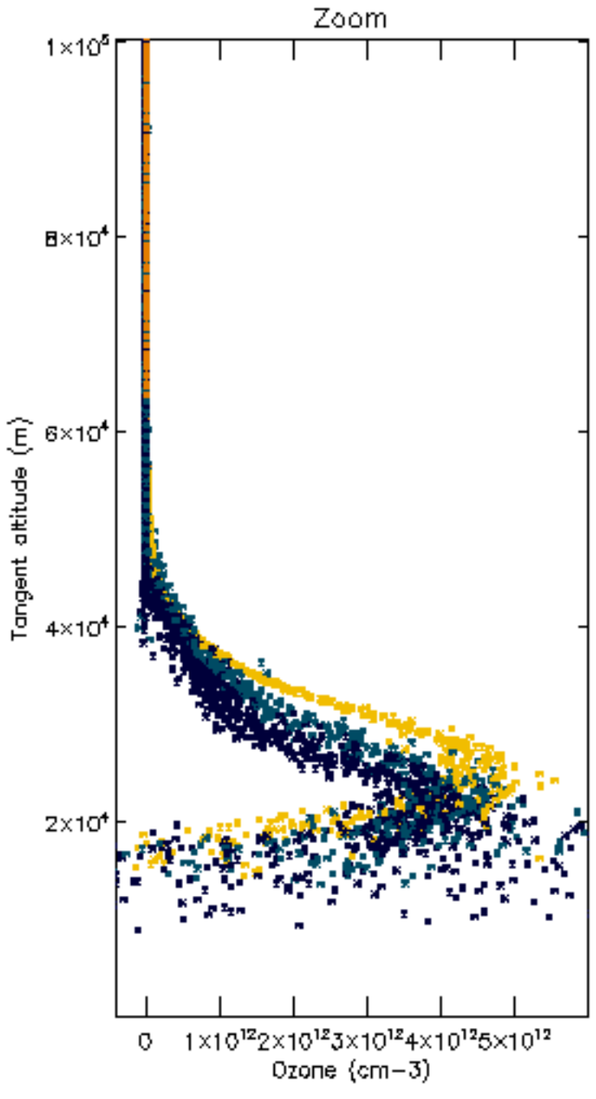

Percentage of cosmic ray hits per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

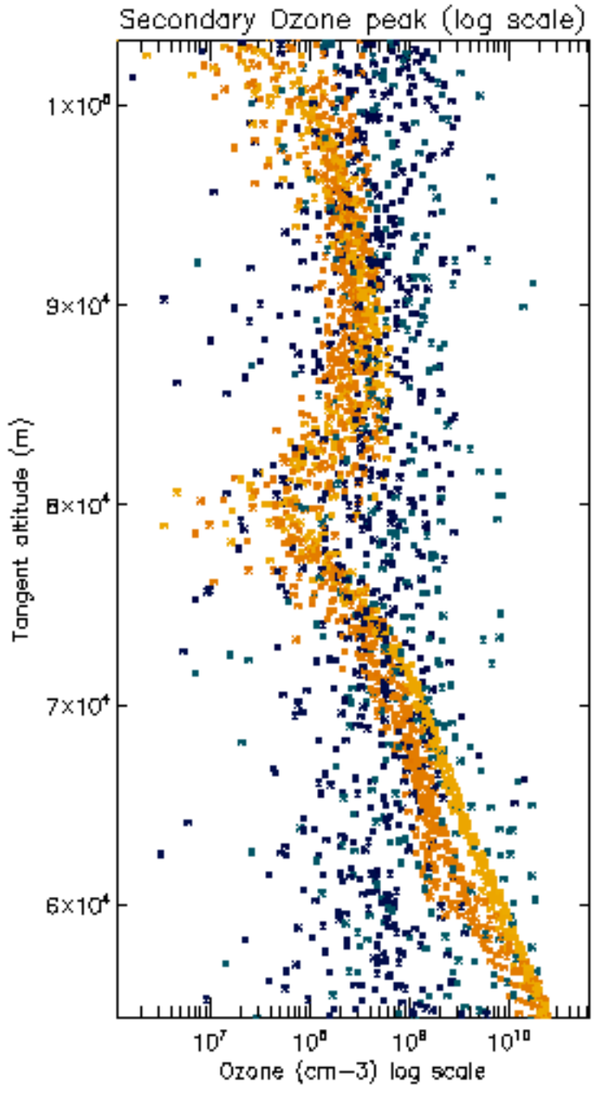

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

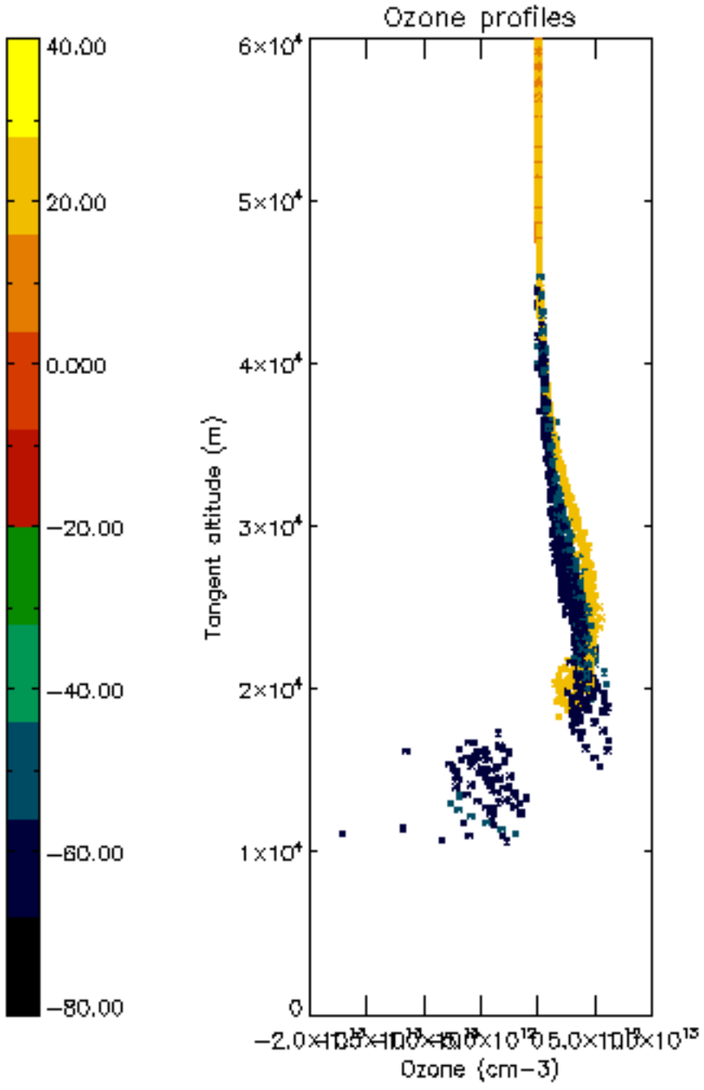

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90


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


Ozone profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−5.0×10¹⁴ 0 5.0×10¹⁴ 1.0×10¹⁵ 1.5×10¹⁵ 2.0×10¹⁵
Ozone (cm−3)

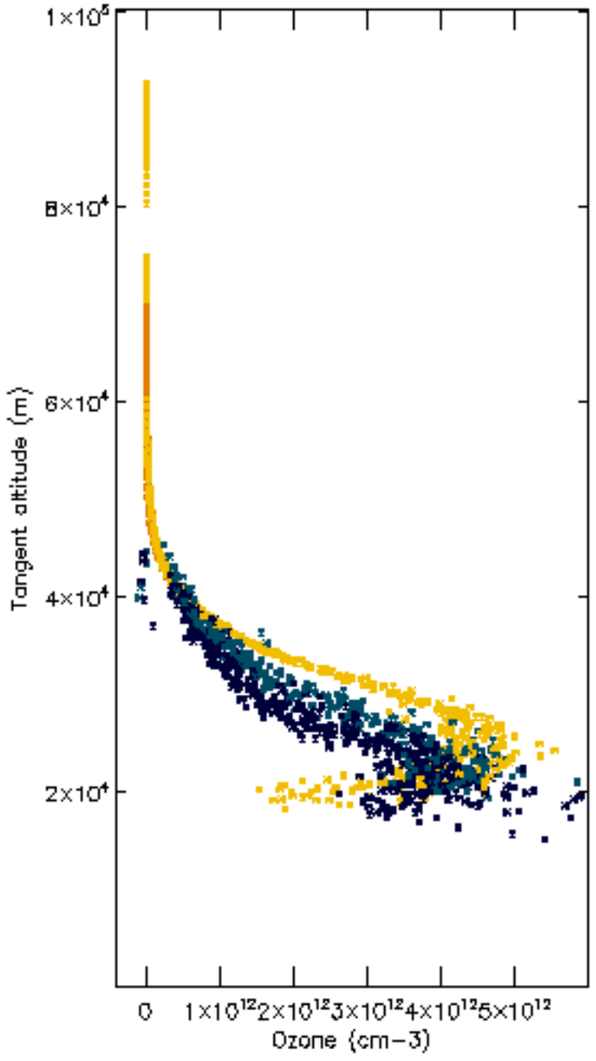

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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

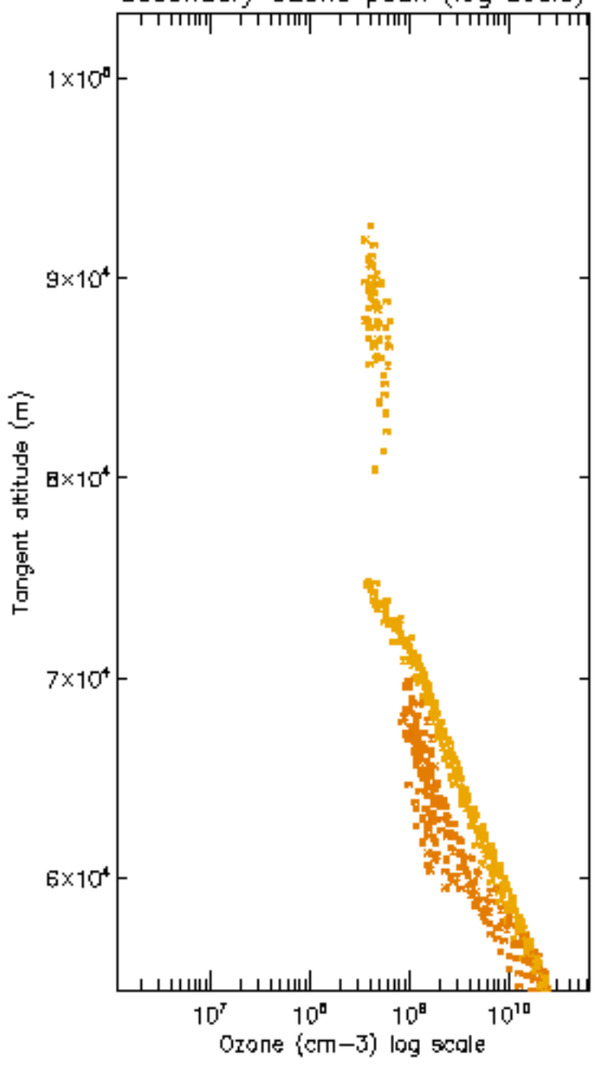


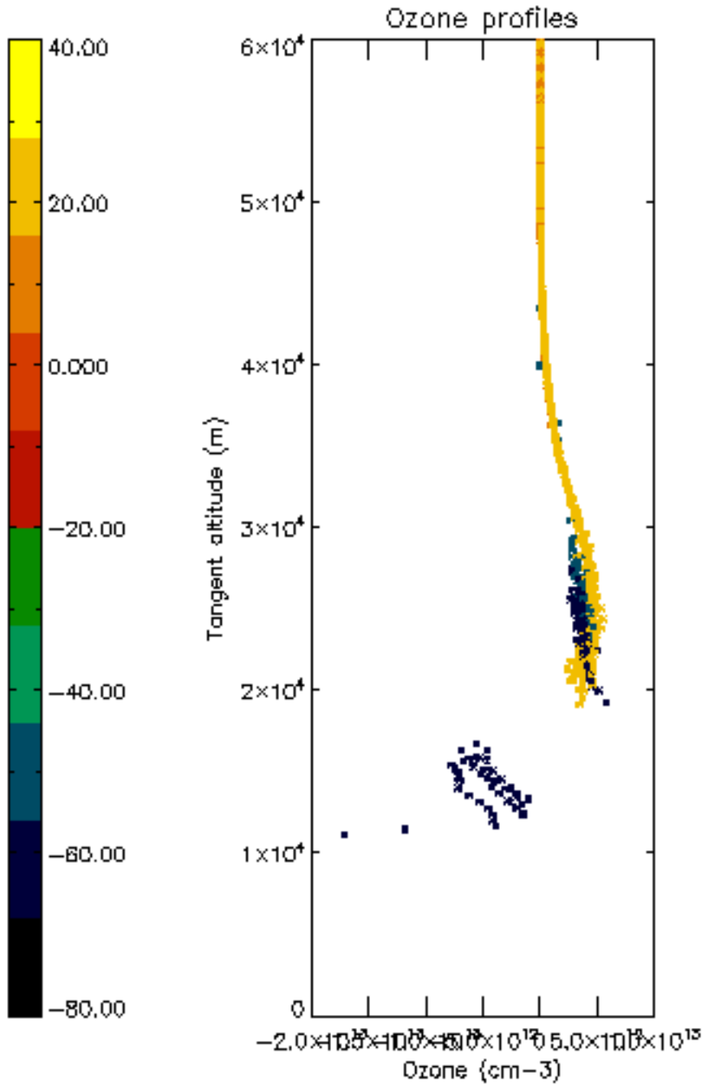
Ozone profiles

Zoom

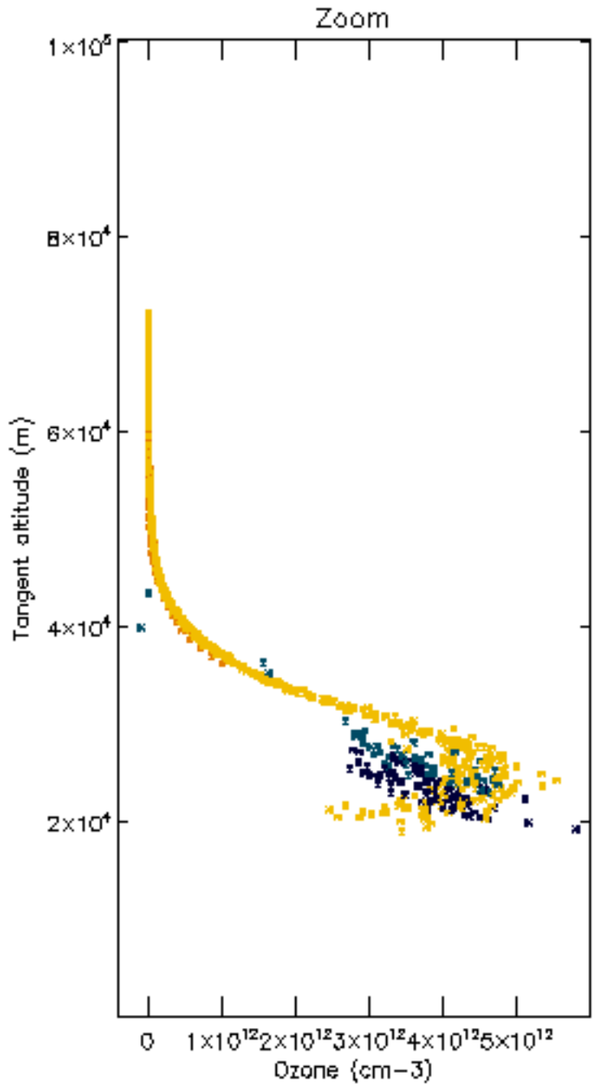


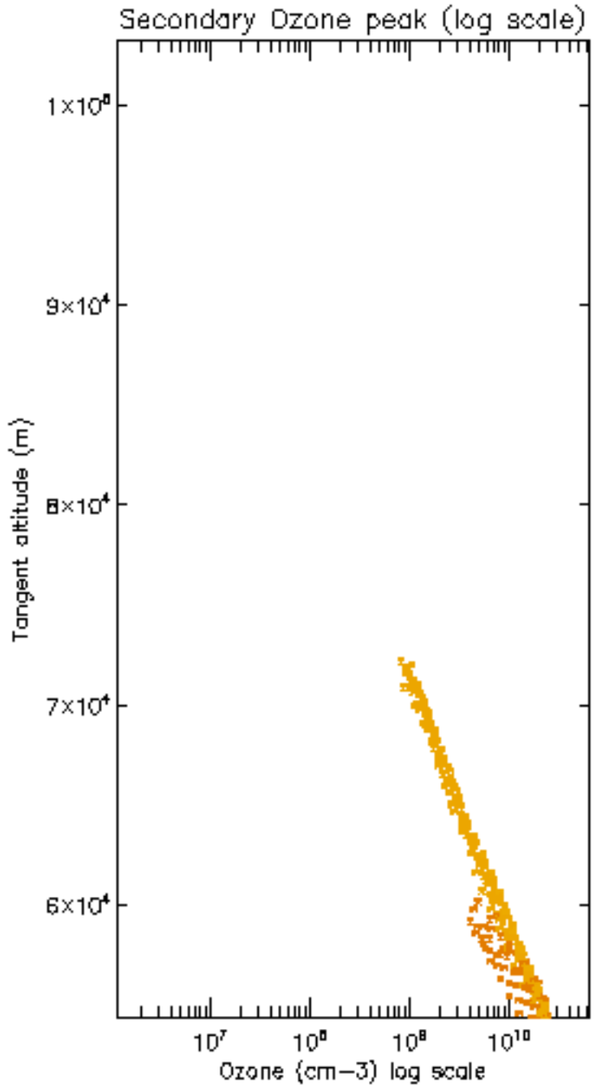
Secondary Ozone peak (log scale)

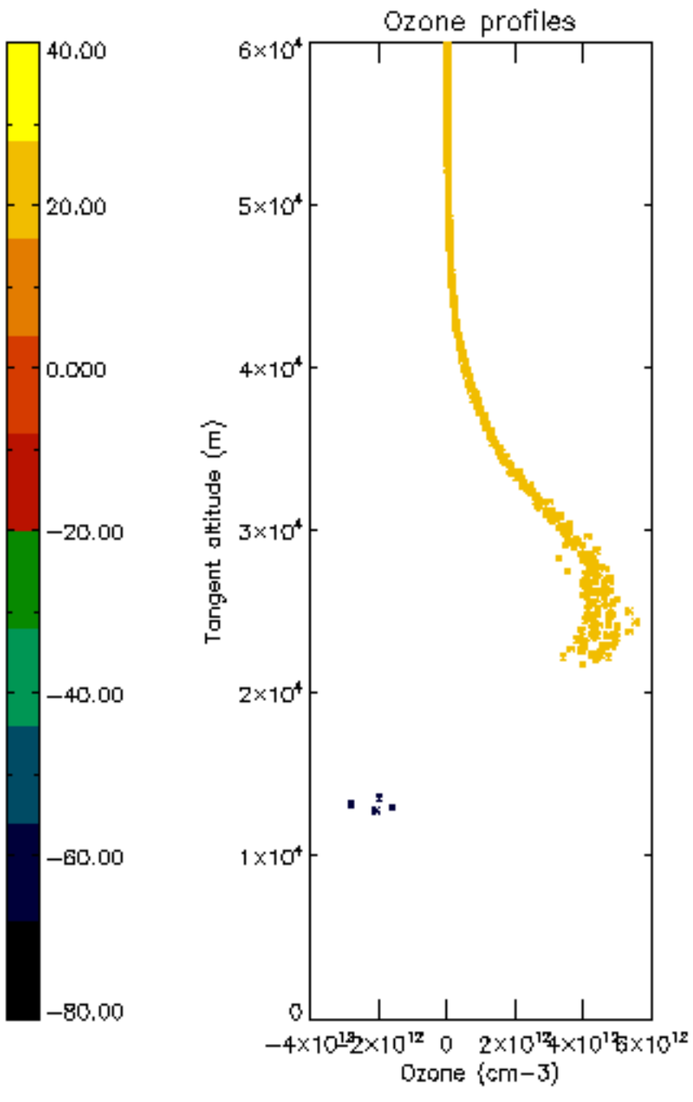



40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00

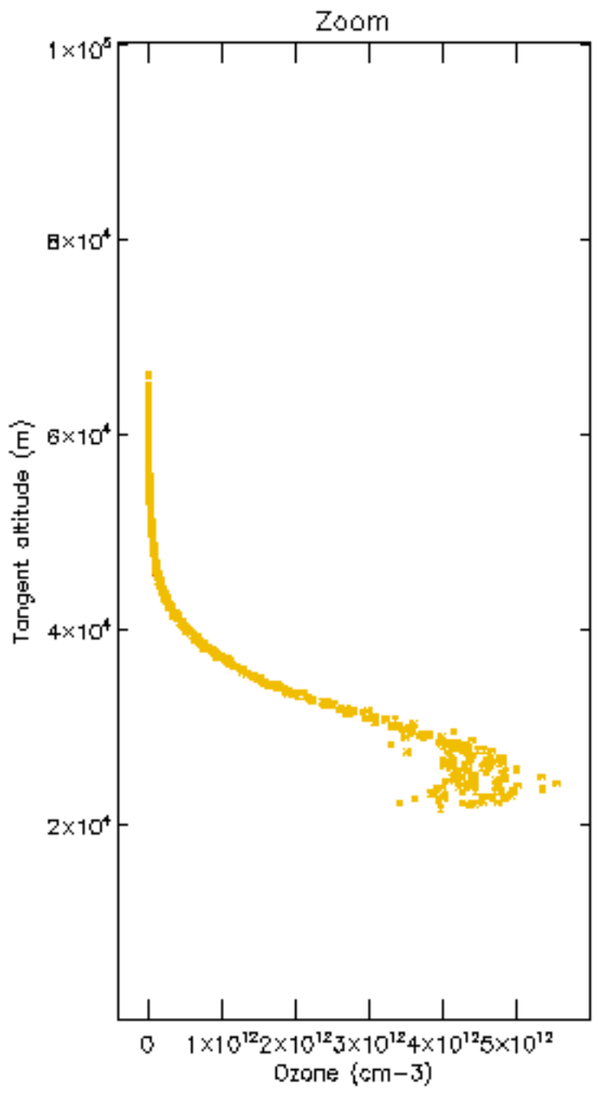
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
Ozone (cm−3)

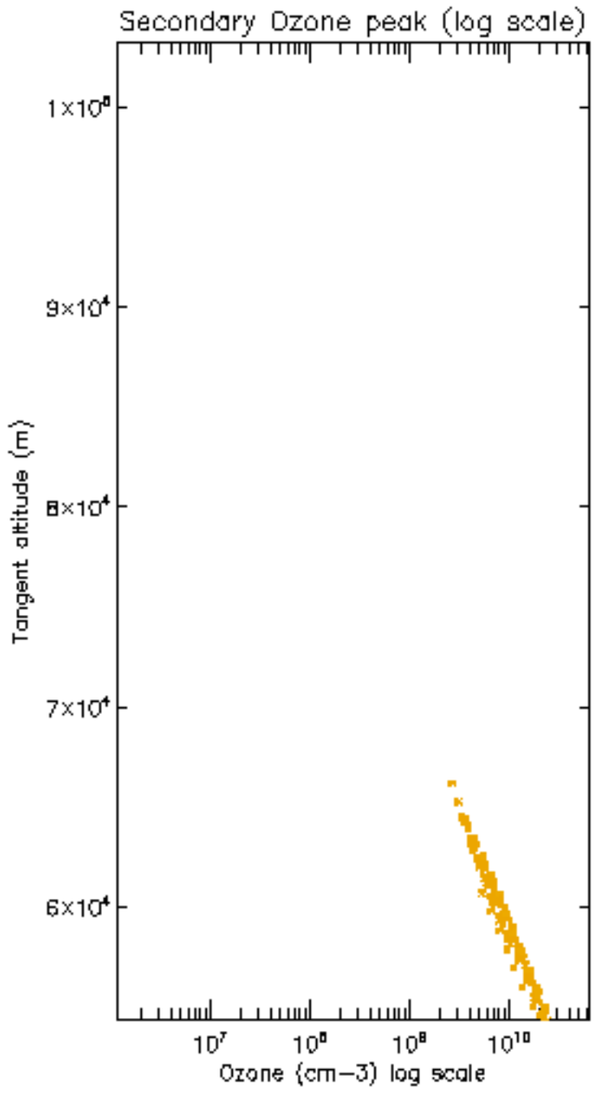

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

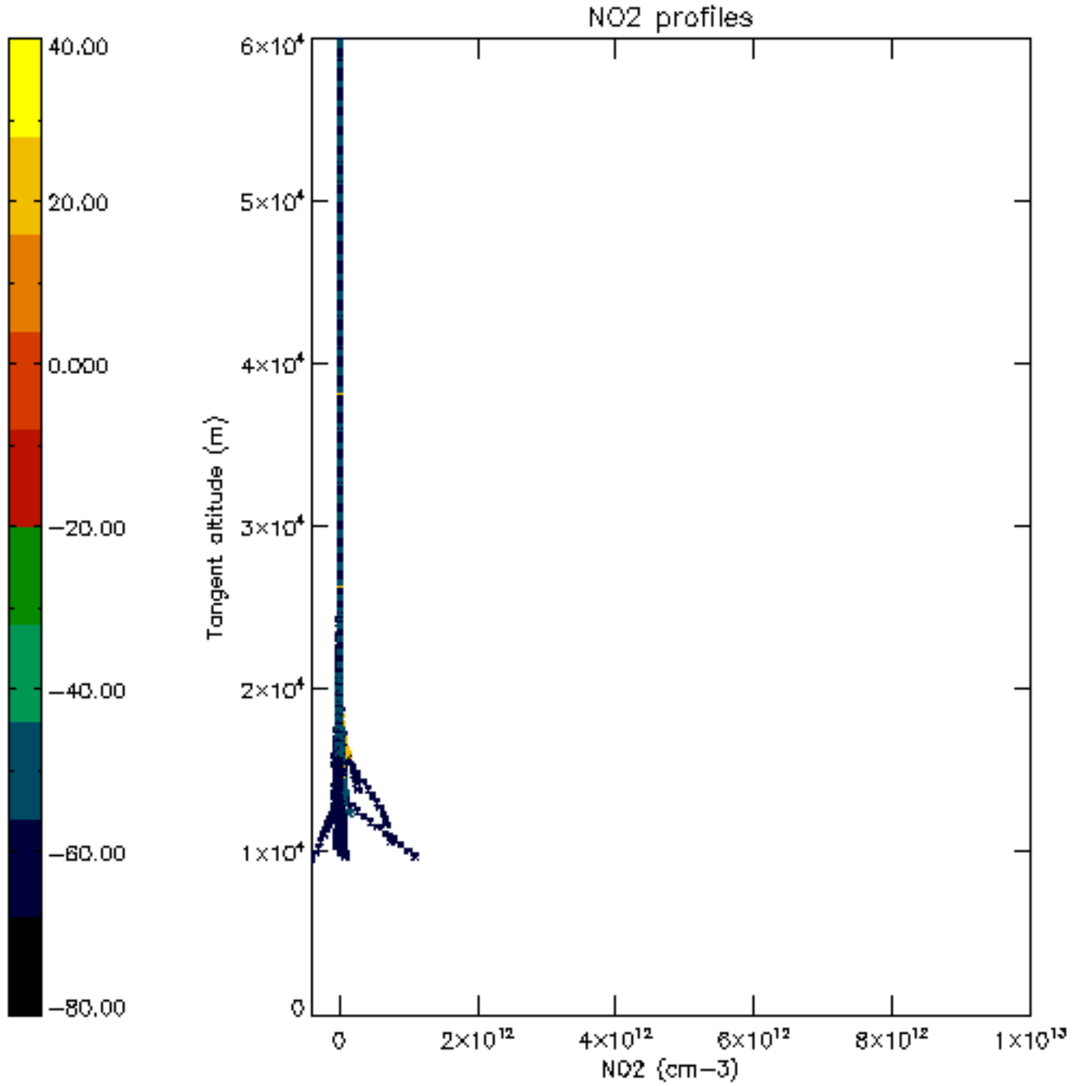

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

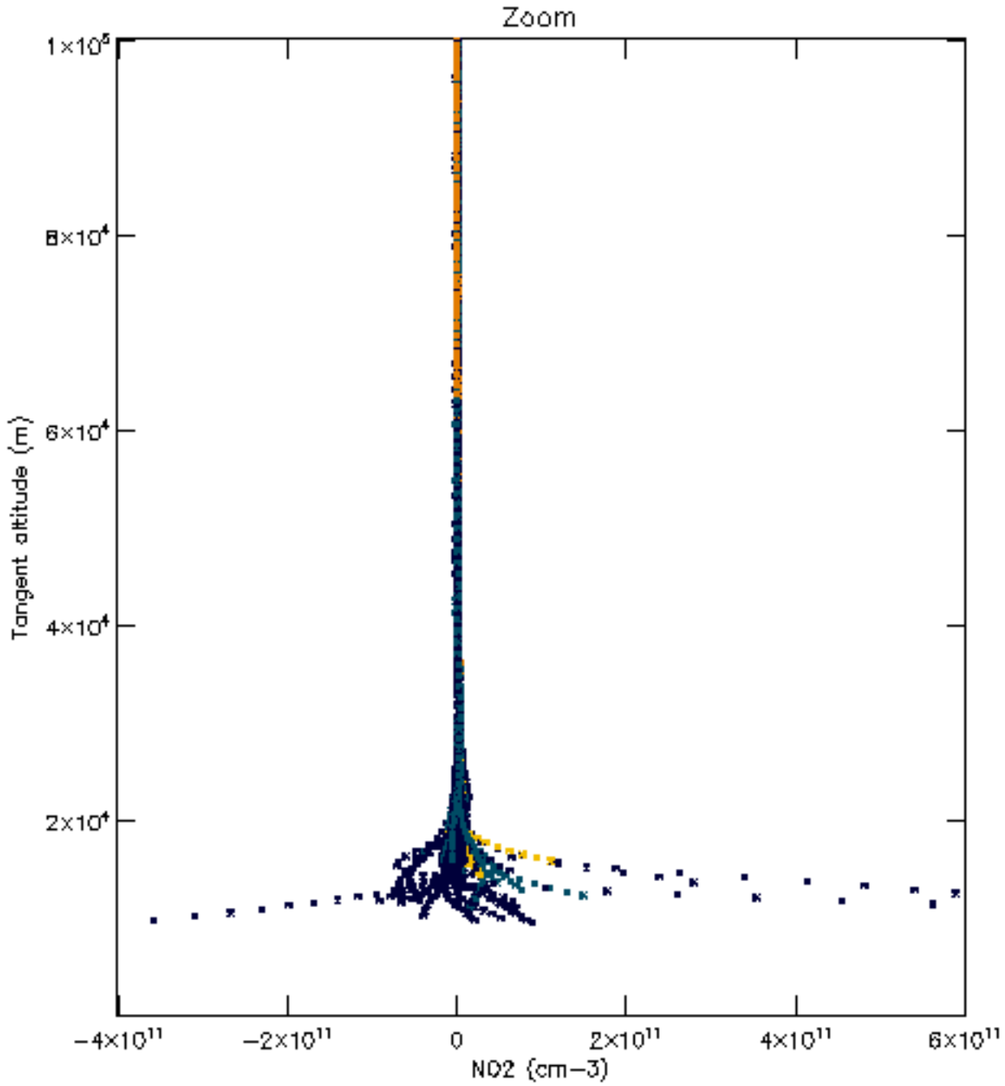

40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00

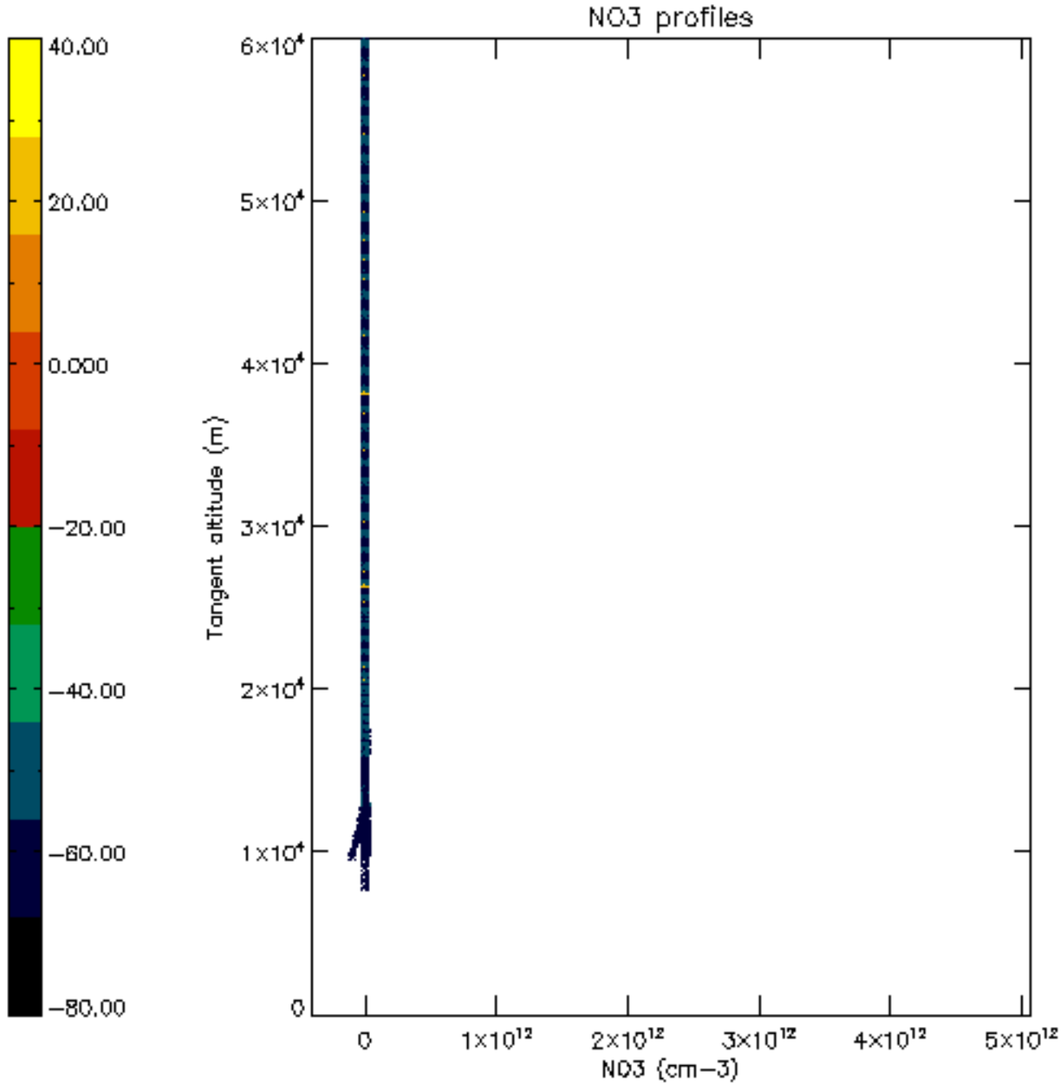
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−4×10¹²
−2×10¹²
0
2×10¹²
4×10¹²
6×10¹²
Ozone (cm−3)

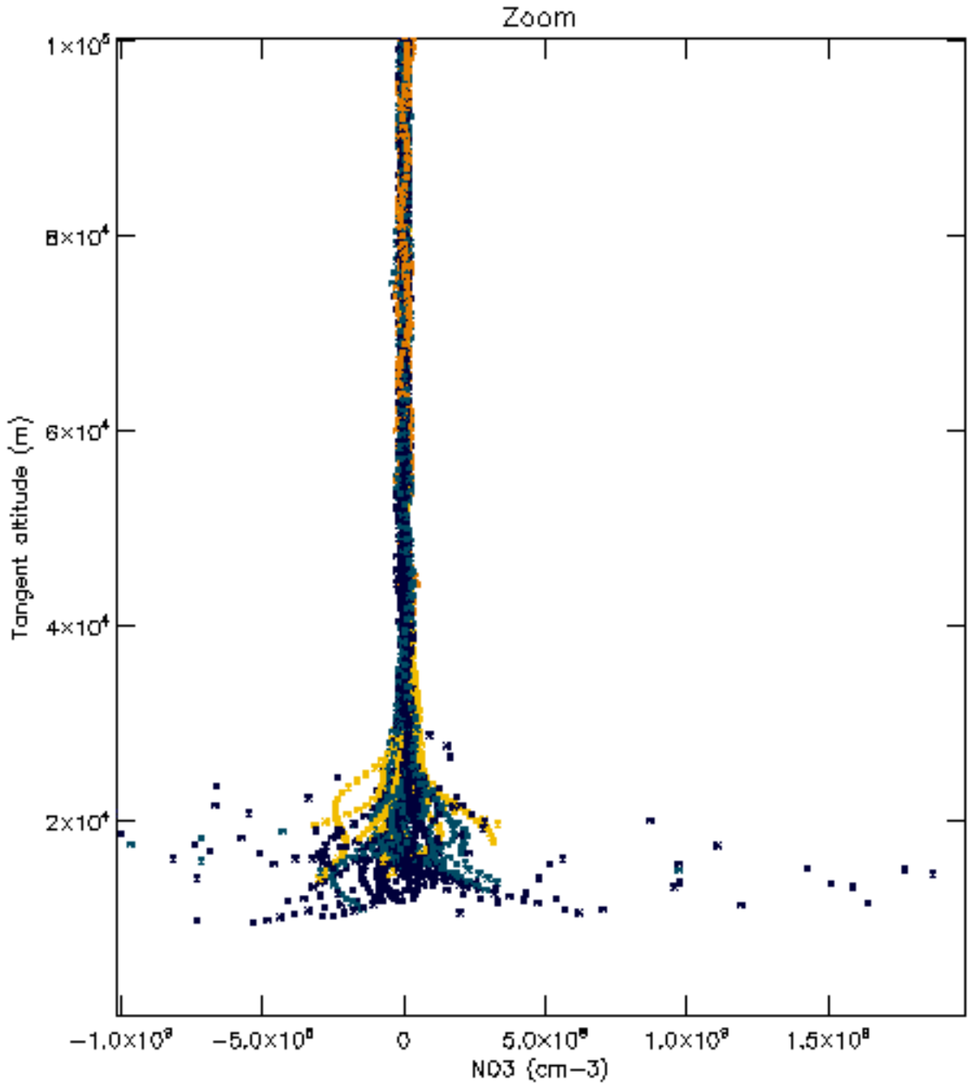

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

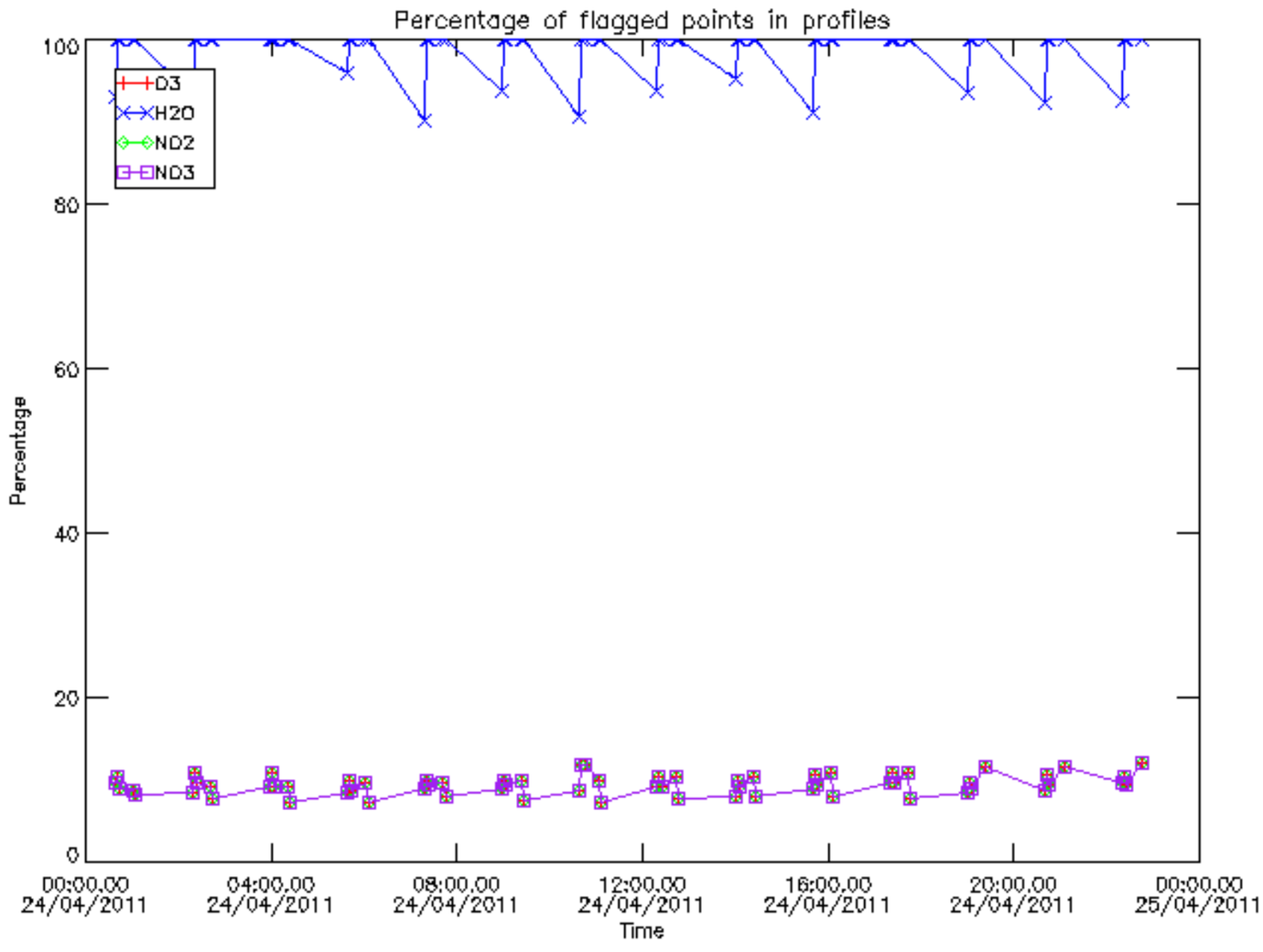

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

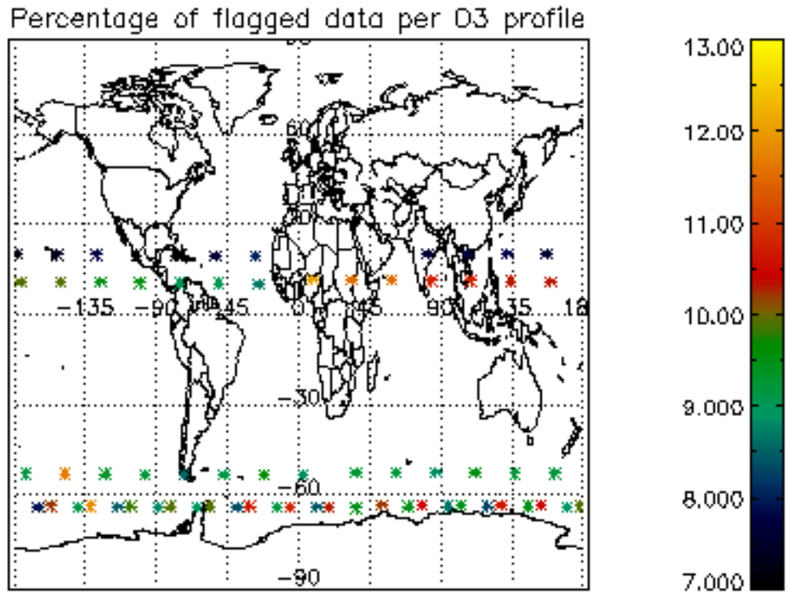

NO2 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

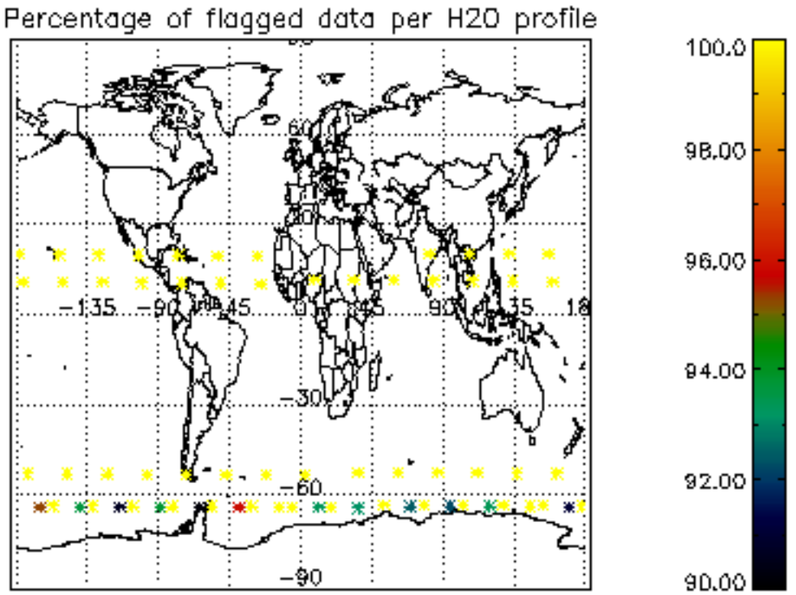

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)

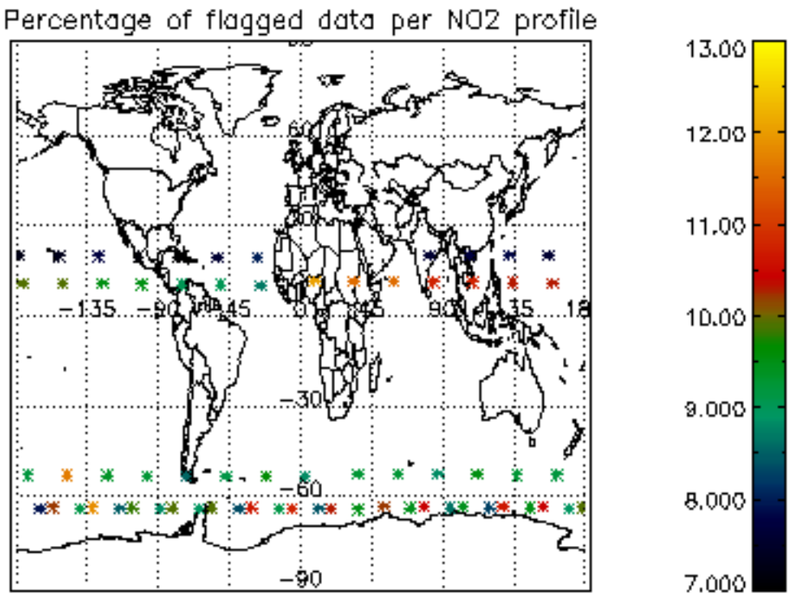

NO3 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)

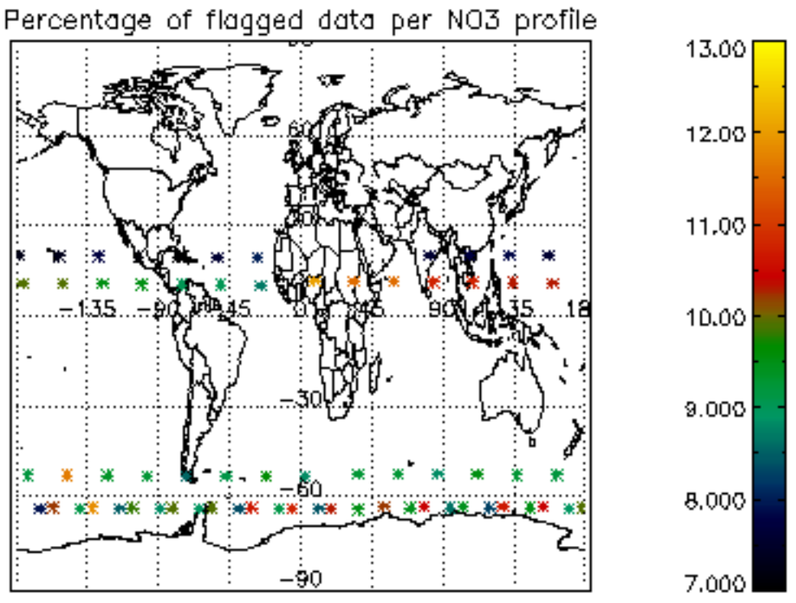

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)

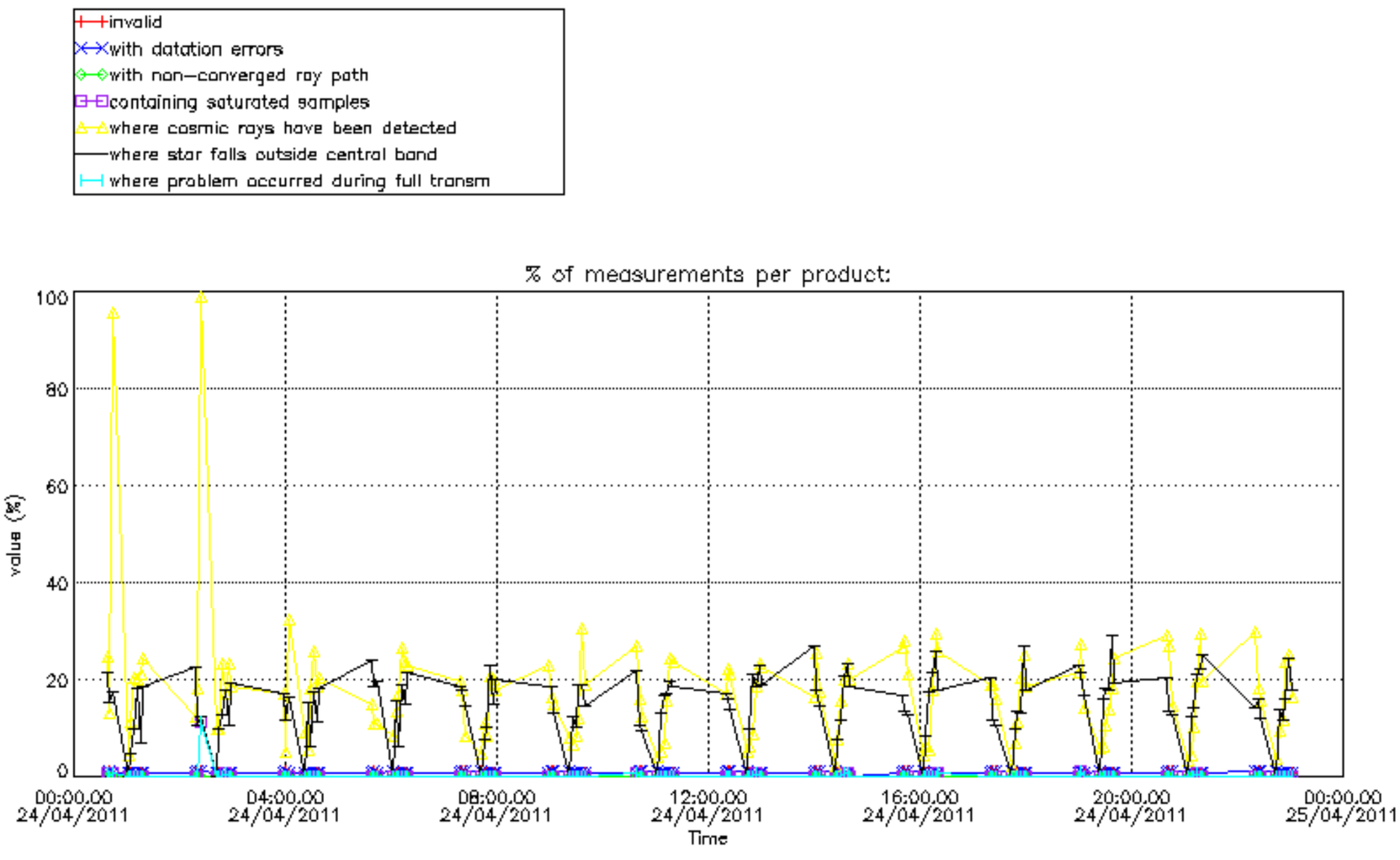

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
24/04/2011
04:00.00
24/04/2011
08:00.00
24/04/2011
12:00.00
24/04/2011
16:00.00
24/04/2011
20:00.00
24/04/2011
00:00.00
25/04/2011
Time

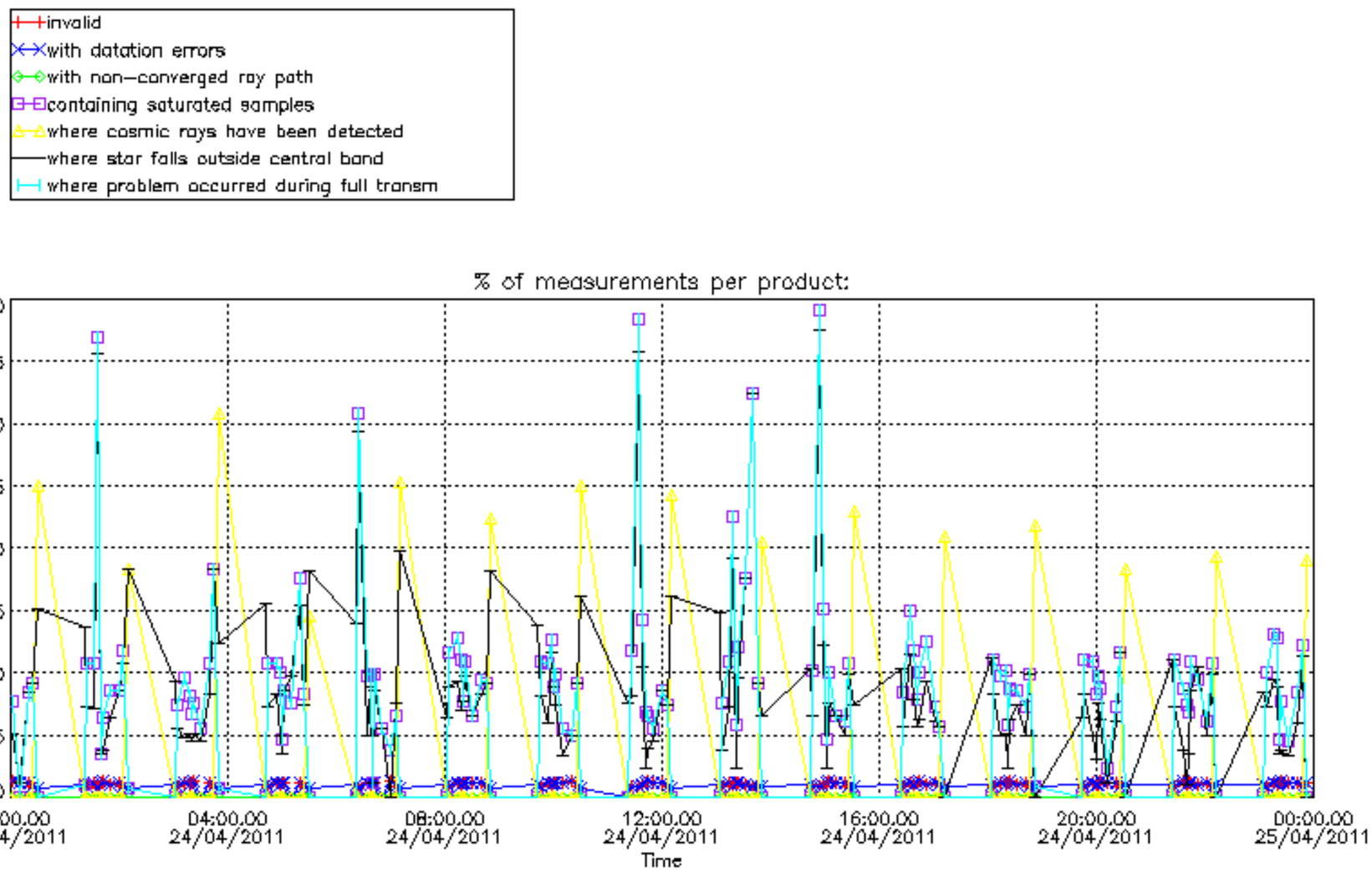

Percentage of flagged data per O3 profile
13.00
12.00
11.00
10.00
9.000
8.000
7.000
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

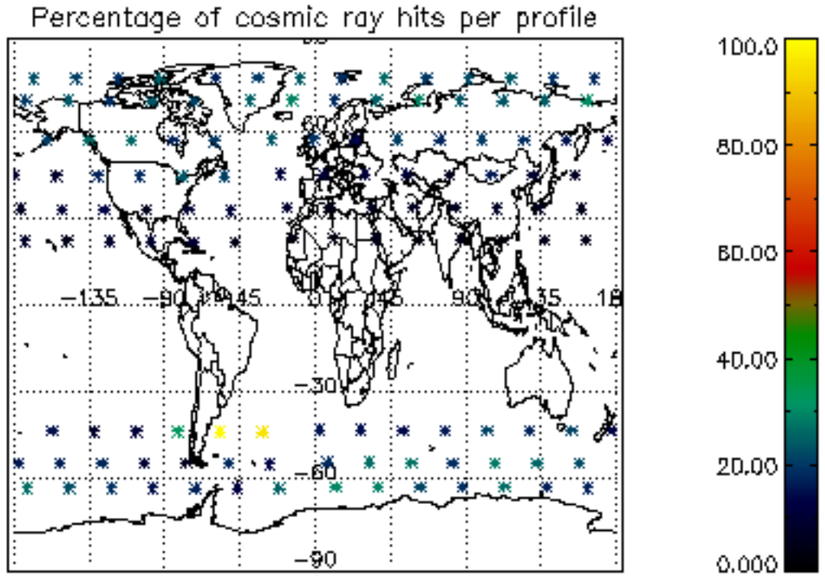

Percentage of flagged data per H2O profile
100.0
98.00
96.00
94.00
92.00
90.00
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

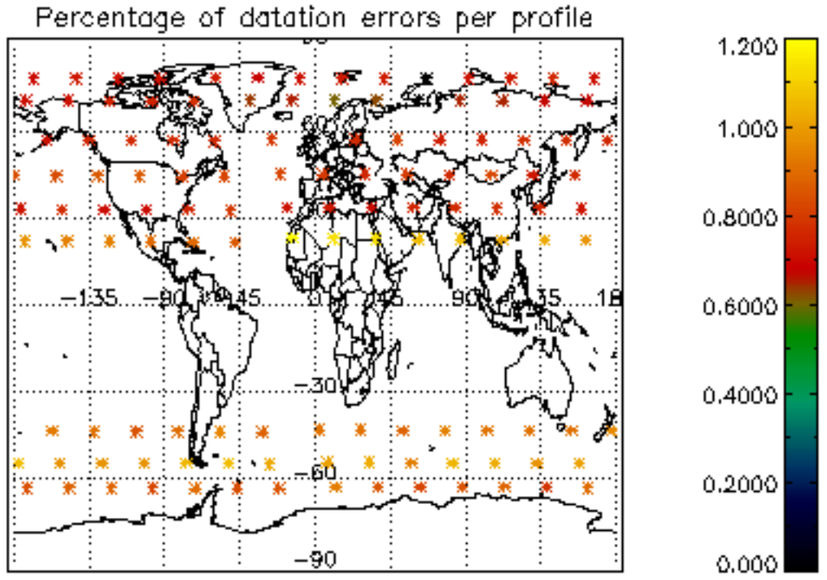

Percentage of flagged data per NO2 profile
13.00
12.00
11.00
10.00
9.000
8.000
7.000
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

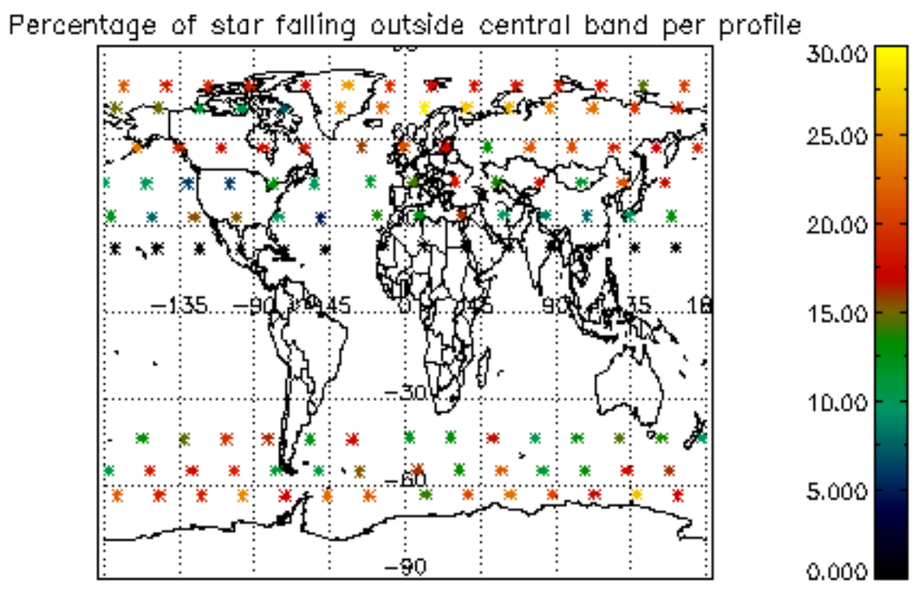

Percentage of flagged data per NO3 profile
13.00
12.00
11.00
10.00
9.000
8.000
7.000
60
30
-60
-90
-135
-90
-45
0
45
90
135
180

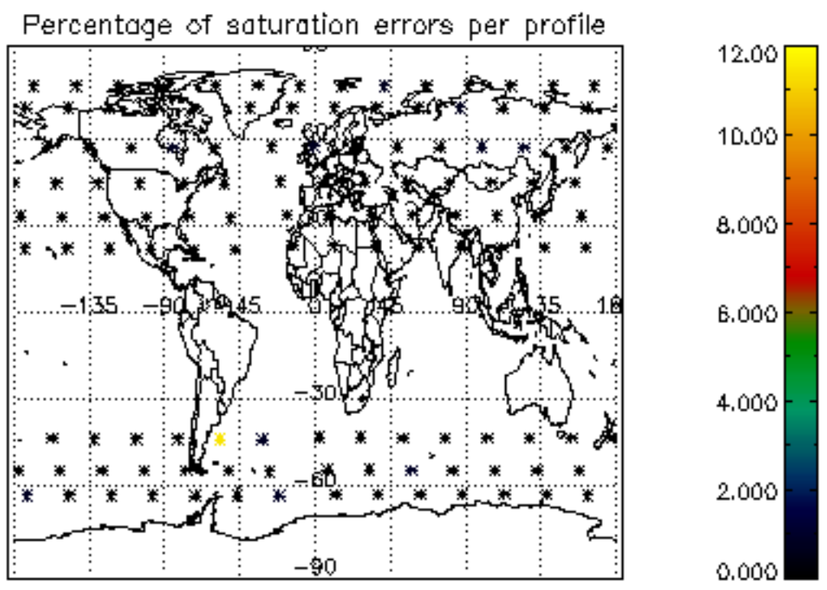

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00
24/04/2011
04:00.00
24/04/2011
08:00.00
24/04/2011
12:00.00
24/04/2011
16:00.00
24/04/2011
20:00.00
24/04/2011
00:00.00
25/04/2011
Time

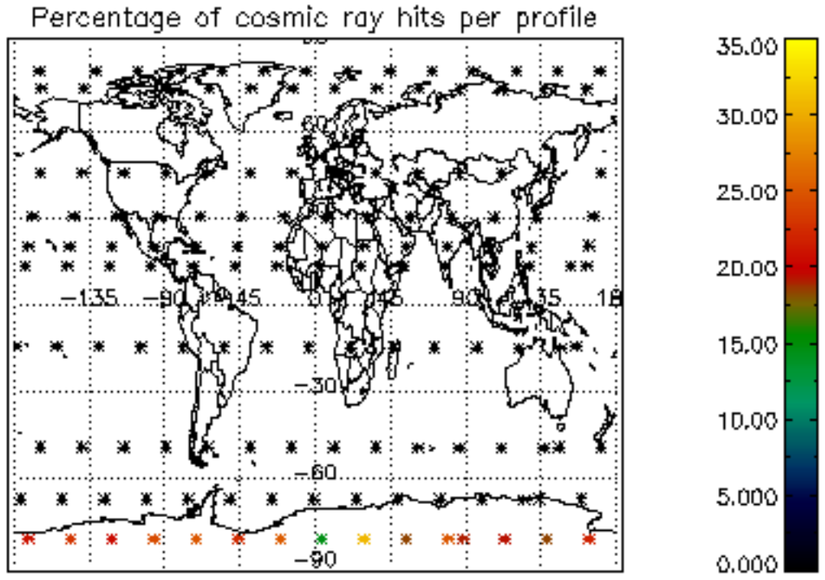

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
value (%)
0
5
10
15
20
25
30
35
40
00:00.00 24/04/2011
04:00.00 24/04/2011
08:00.00 24/04/2011
12:00.00 24/04/2011
16:00.00 24/04/2011
20:00.00 24/04/2011
00:00.00 25/04/2011
Time

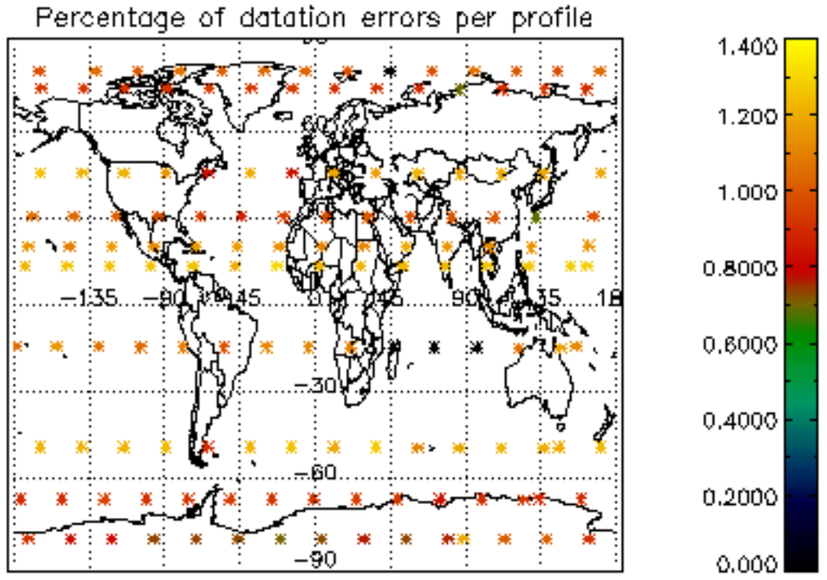

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−30
−60
−90

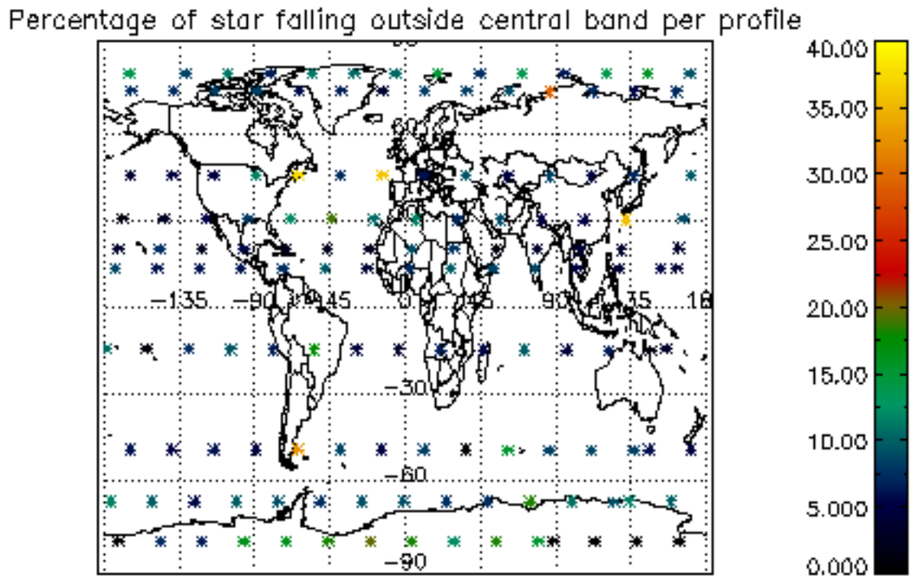

Percentage of datation errors per profile
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−30
−60
−90

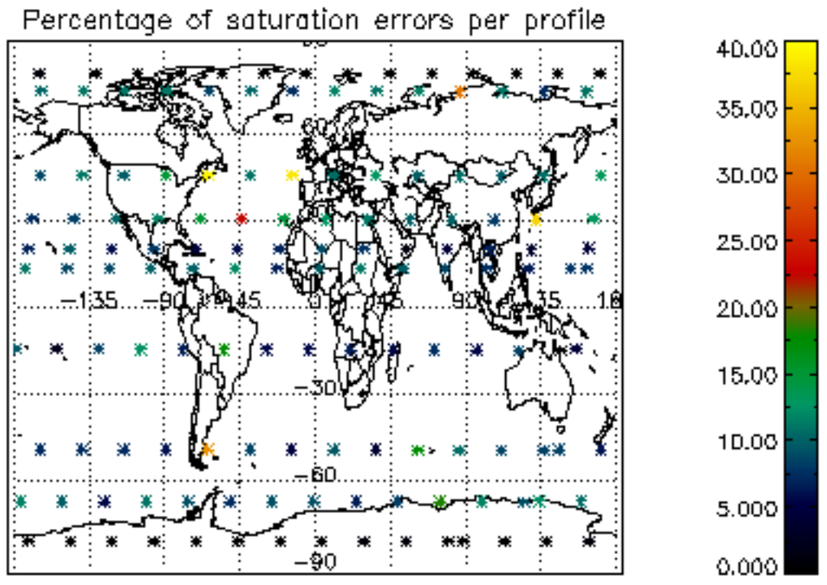

Percentage of star falling outside central band per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

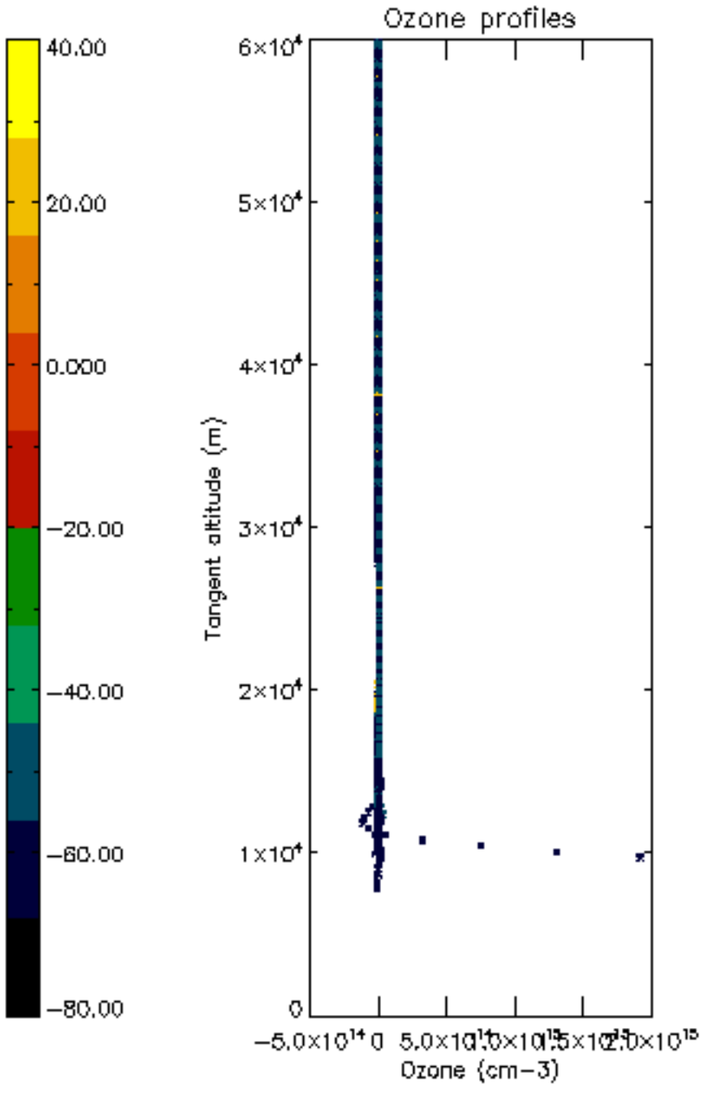

Percentage of saturation errors per profile
12.00
10.00
8.000
6.000
4.000
2.000
0.000
−135
−90
−30
−60
−90

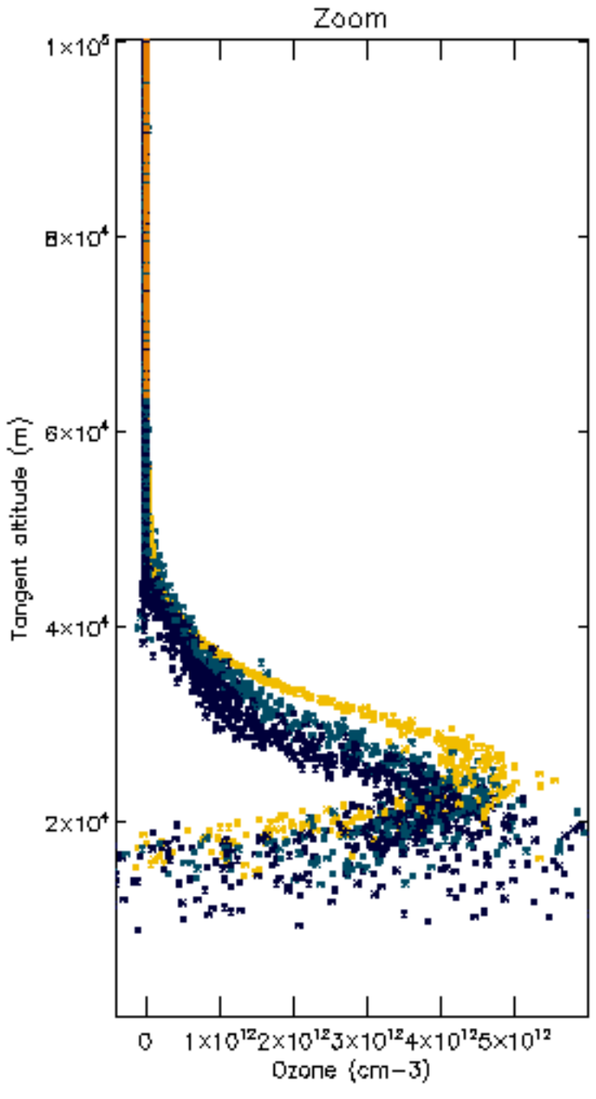

Percentage of cosmic ray hits per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

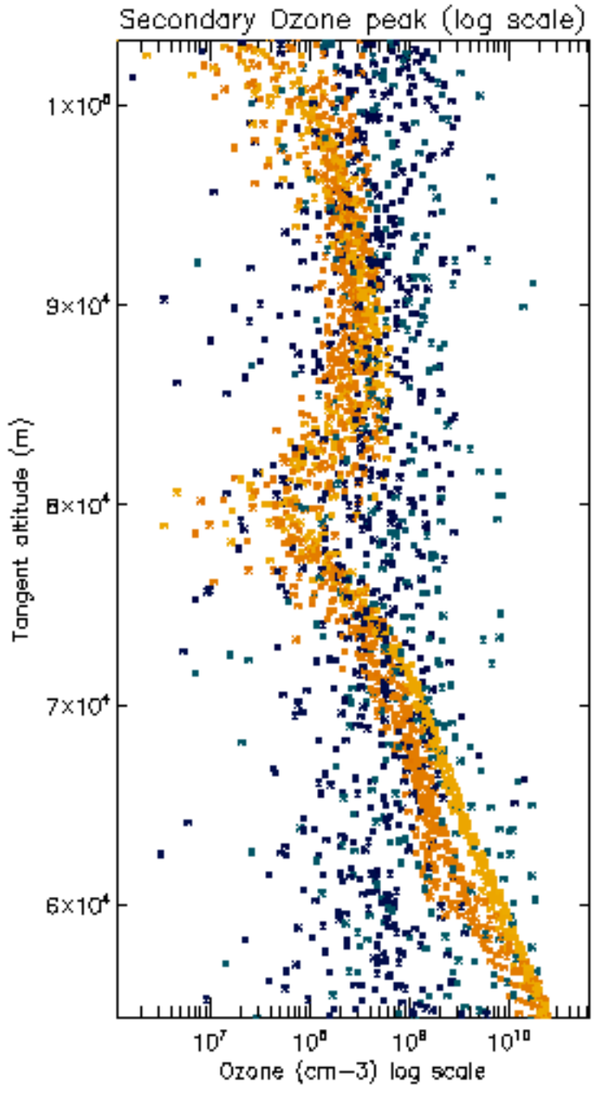

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

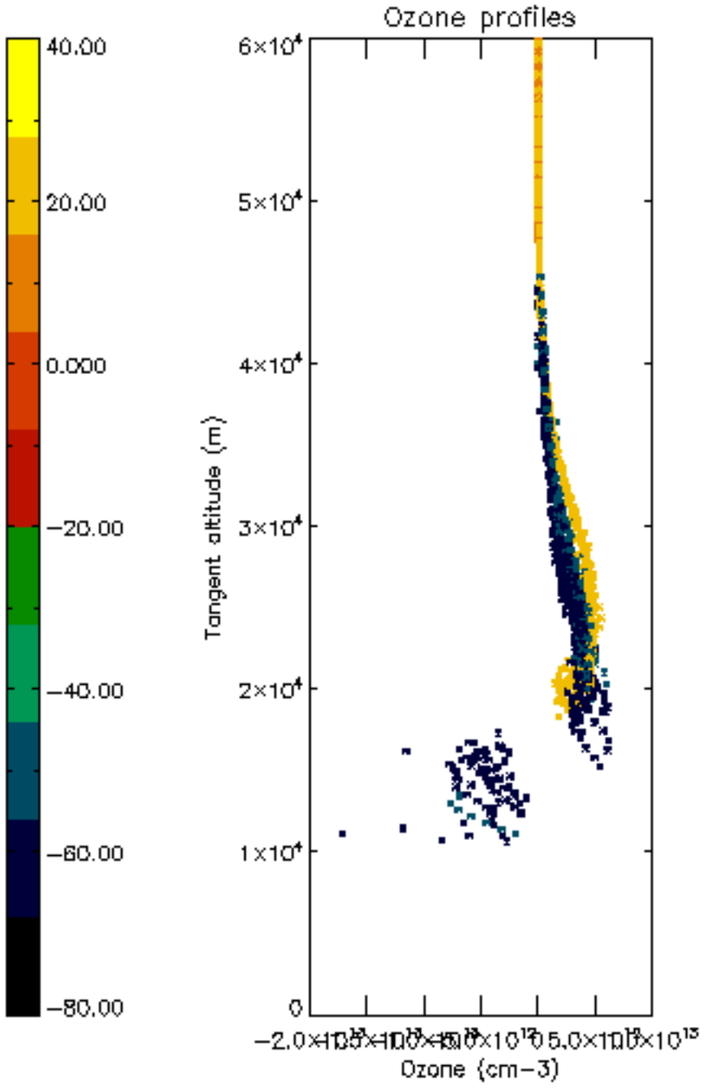

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90


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


Ozone profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−5.0×10¹⁴ 0 5.0×10¹⁴ 1.0×10¹⁵ 1.5×10¹⁵ 2.0×10¹⁵
Ozone (cm−3)

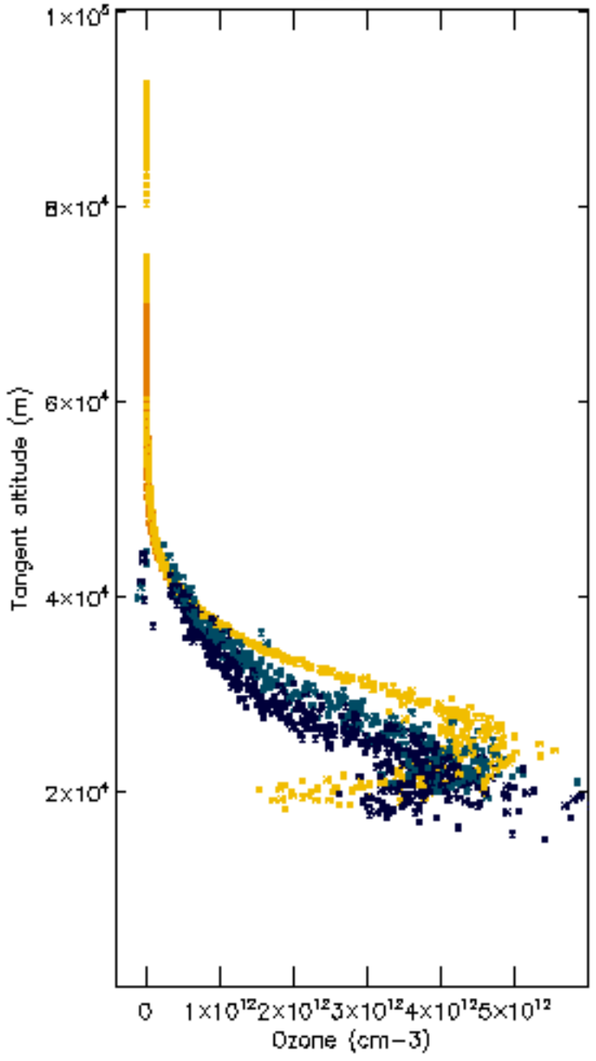

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)


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

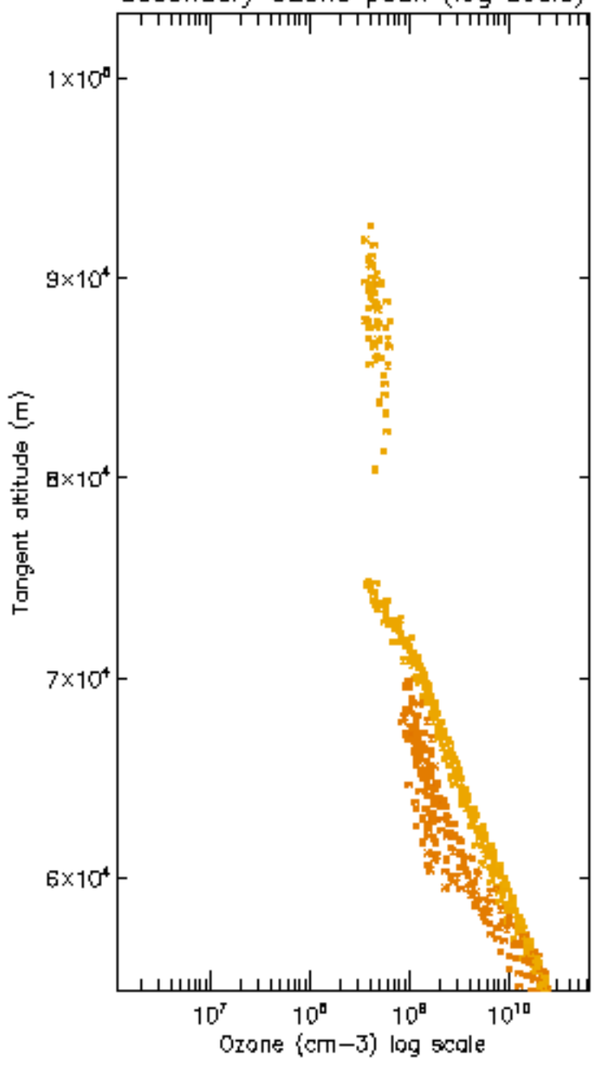


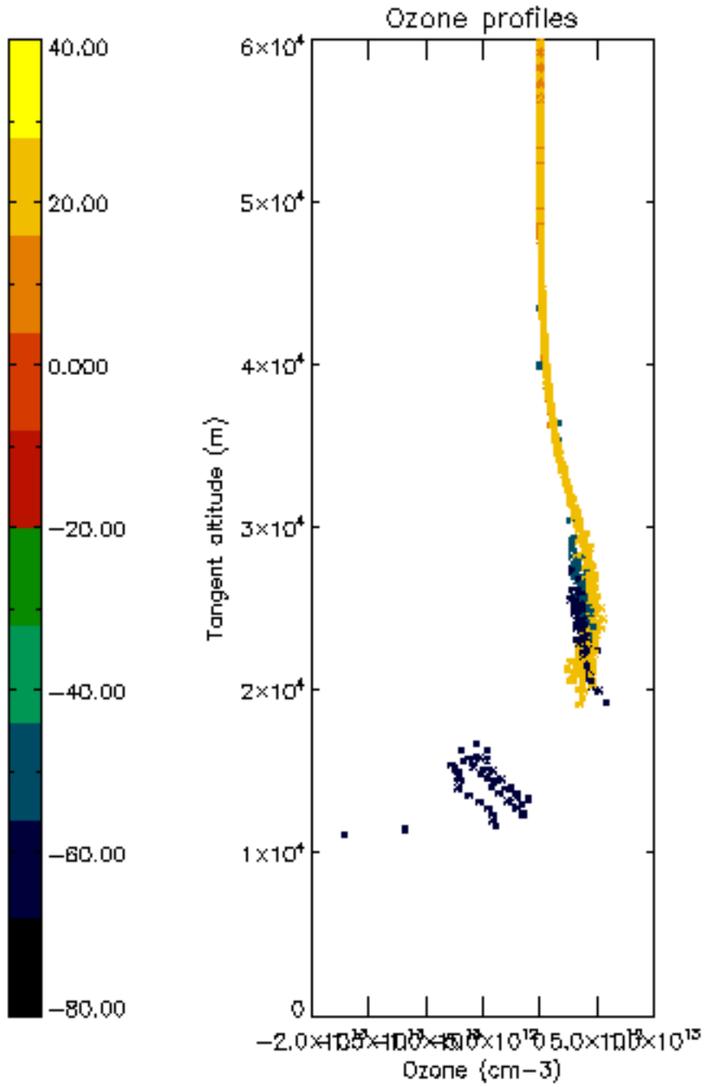
Ozone profiles

Zoom

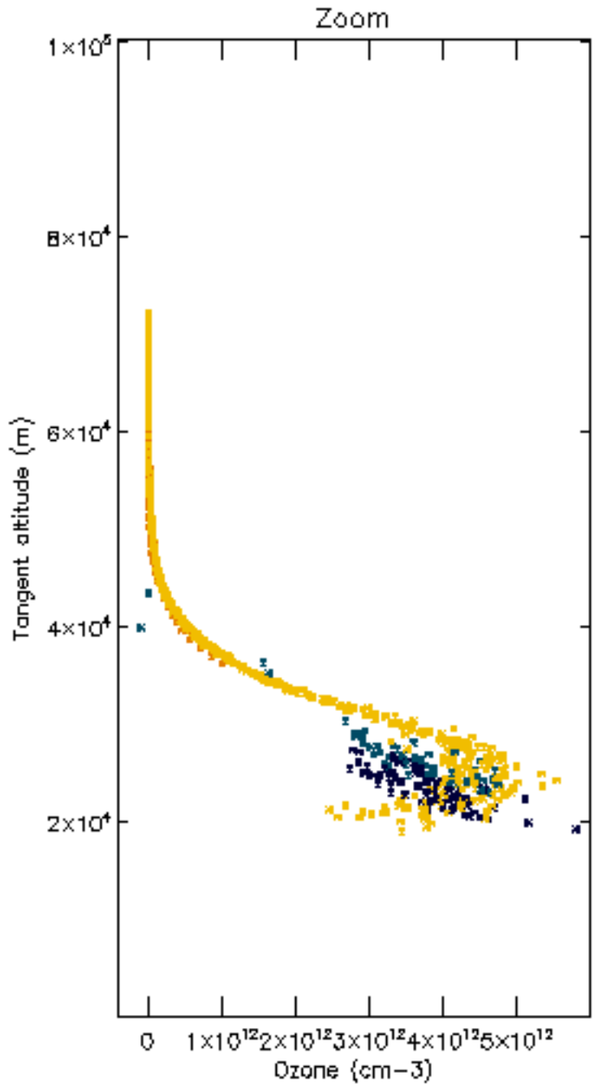


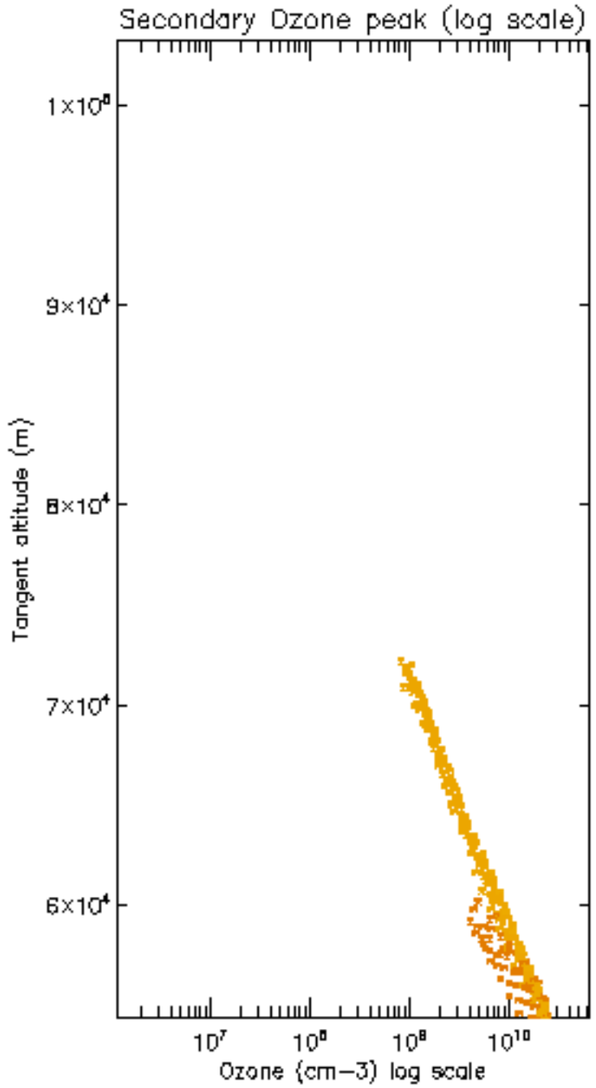
Secondary Ozone peak (log scale)

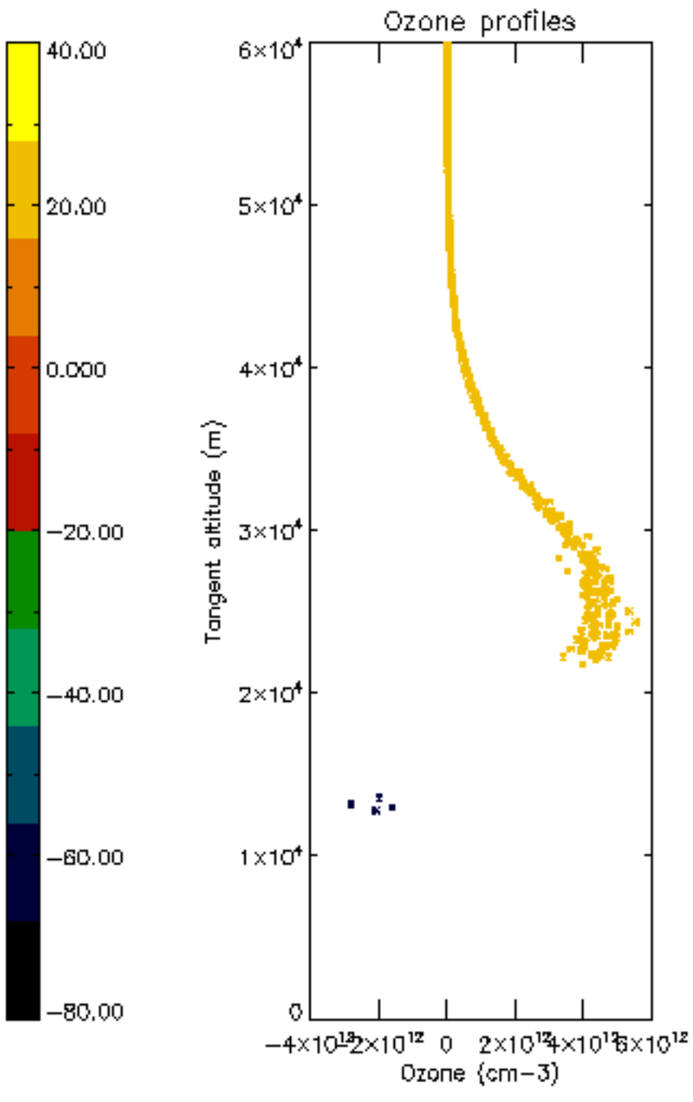



40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00

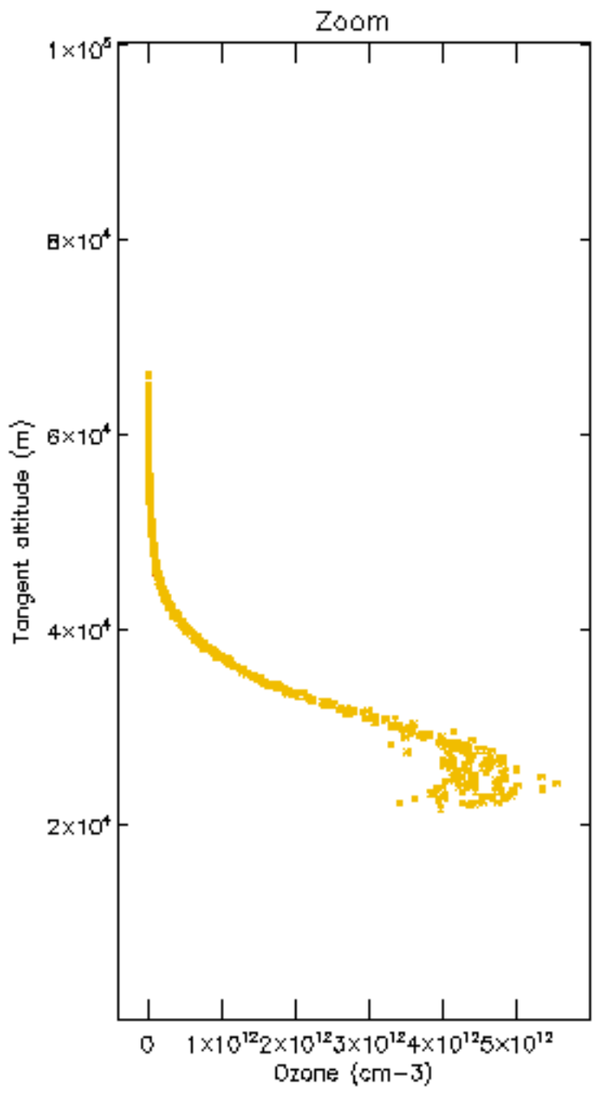
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m
Ozone (cm−3)

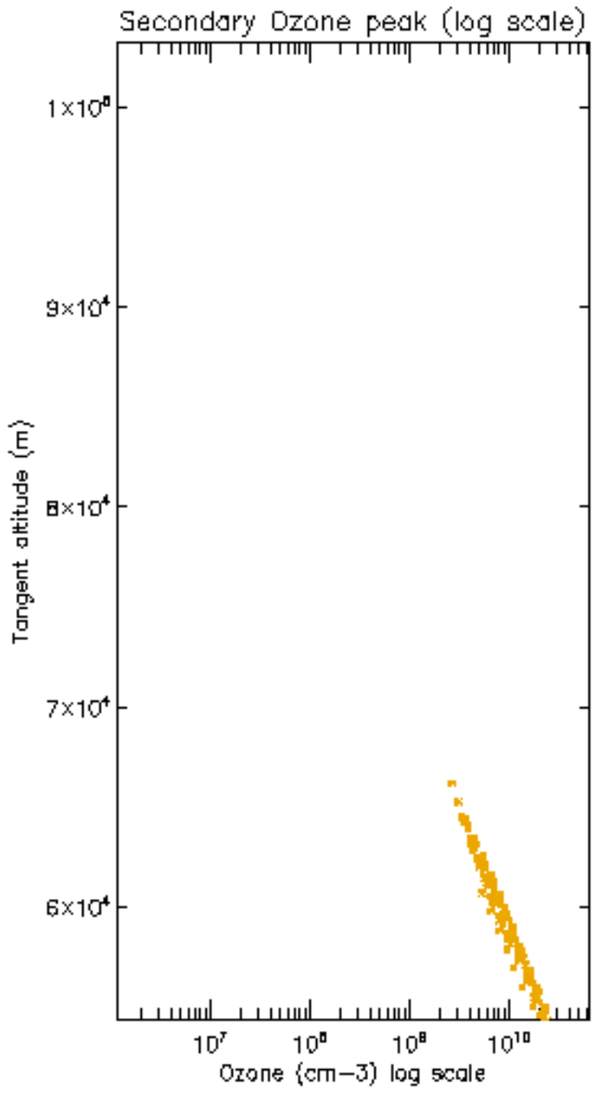

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

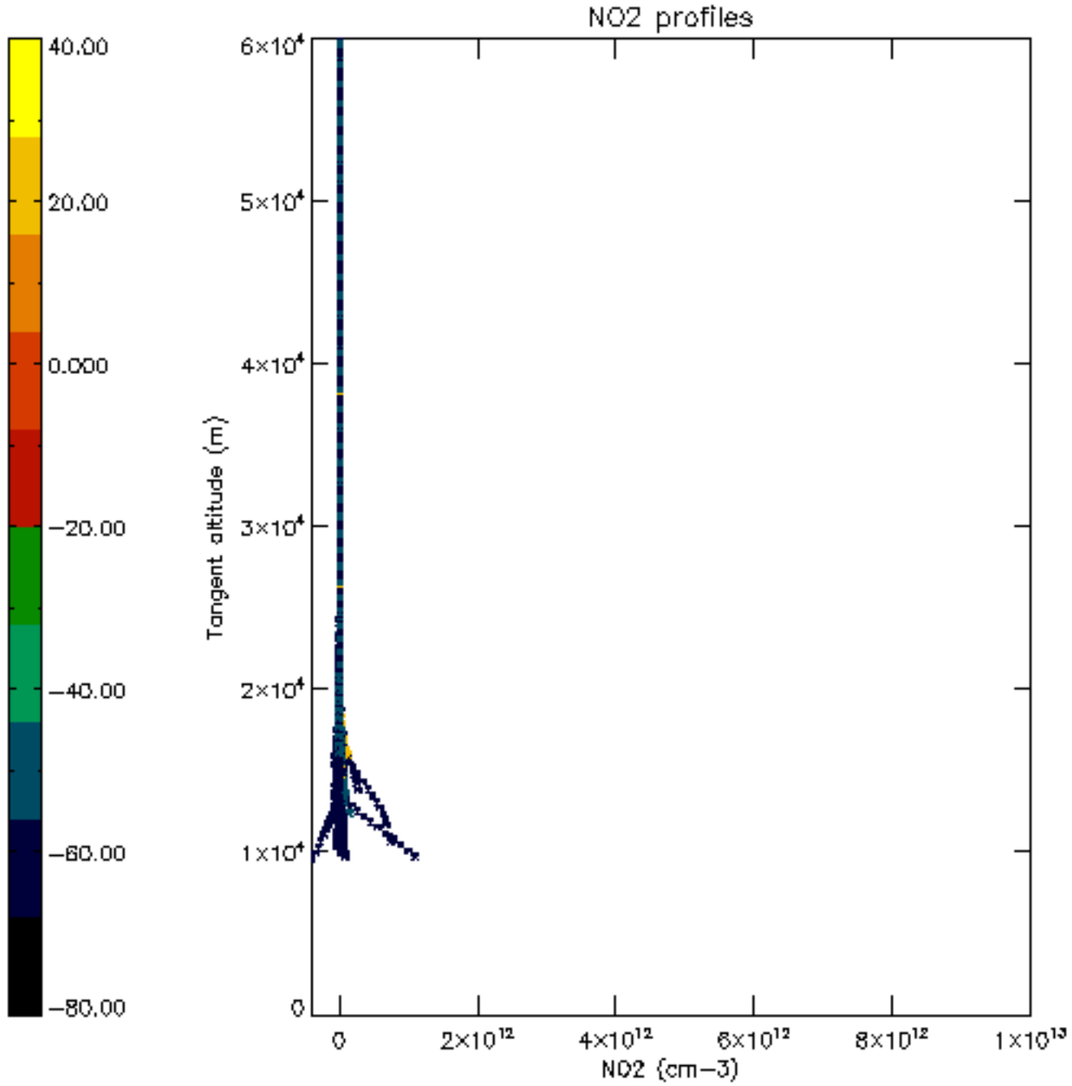

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

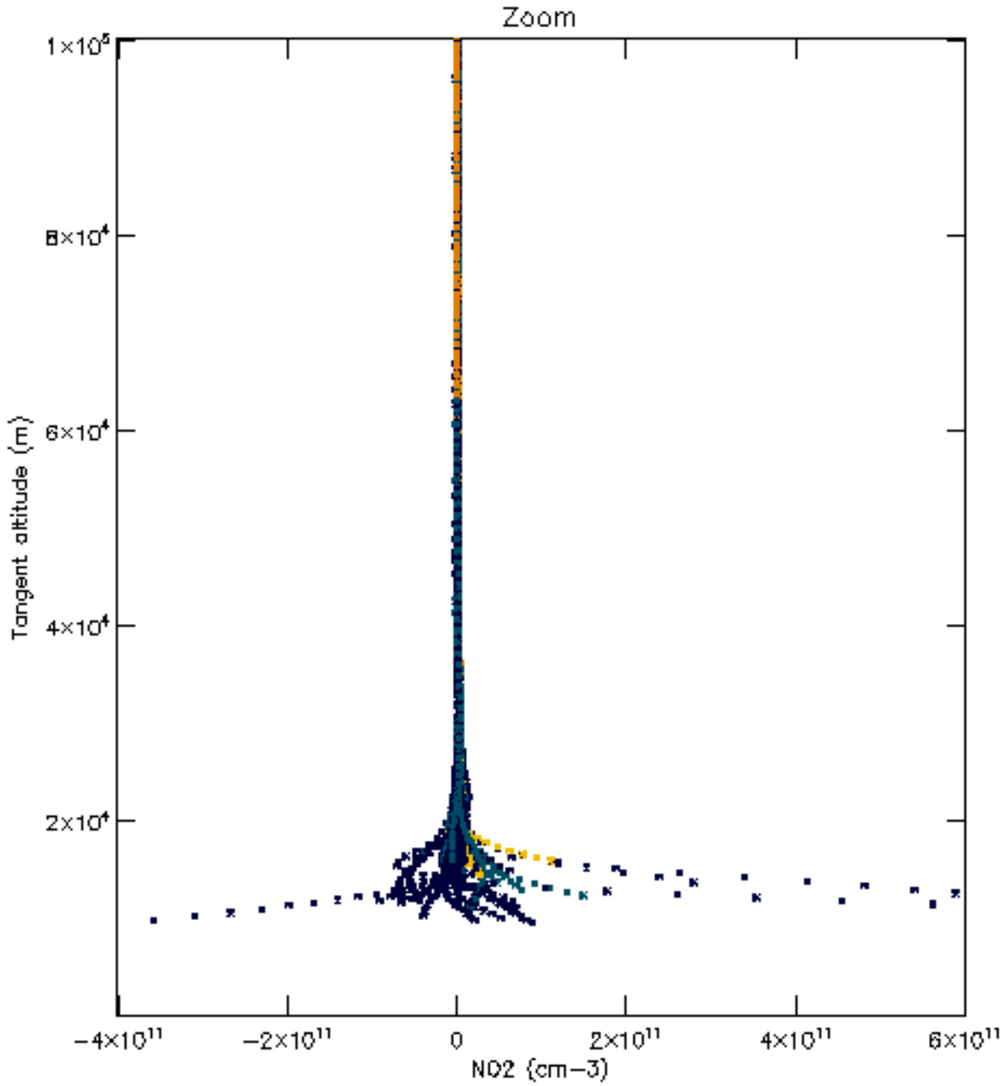

40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00

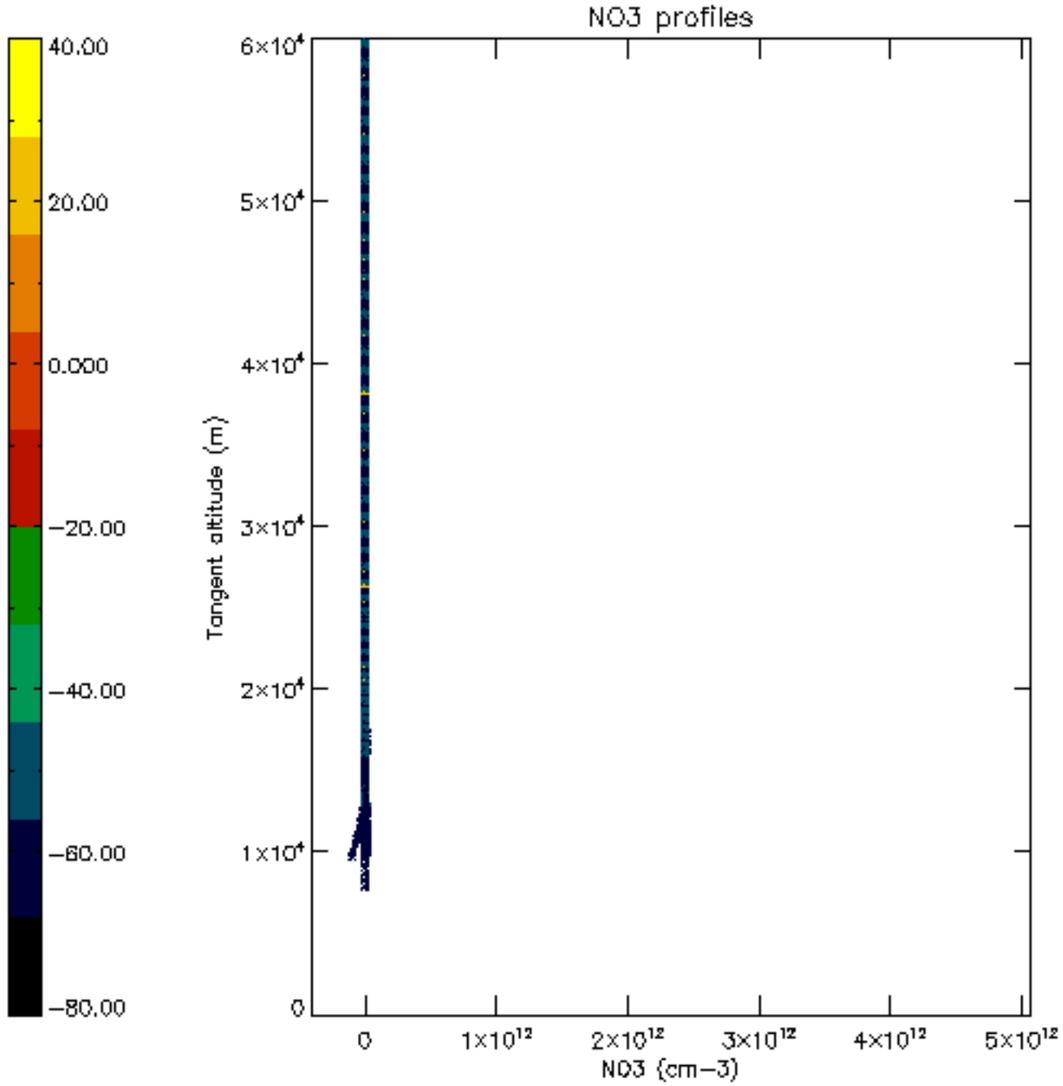
Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−4×10¹²
−2×10¹²
0
2×10¹²
4×10¹²
6×10¹²
Ozone (cm−3)

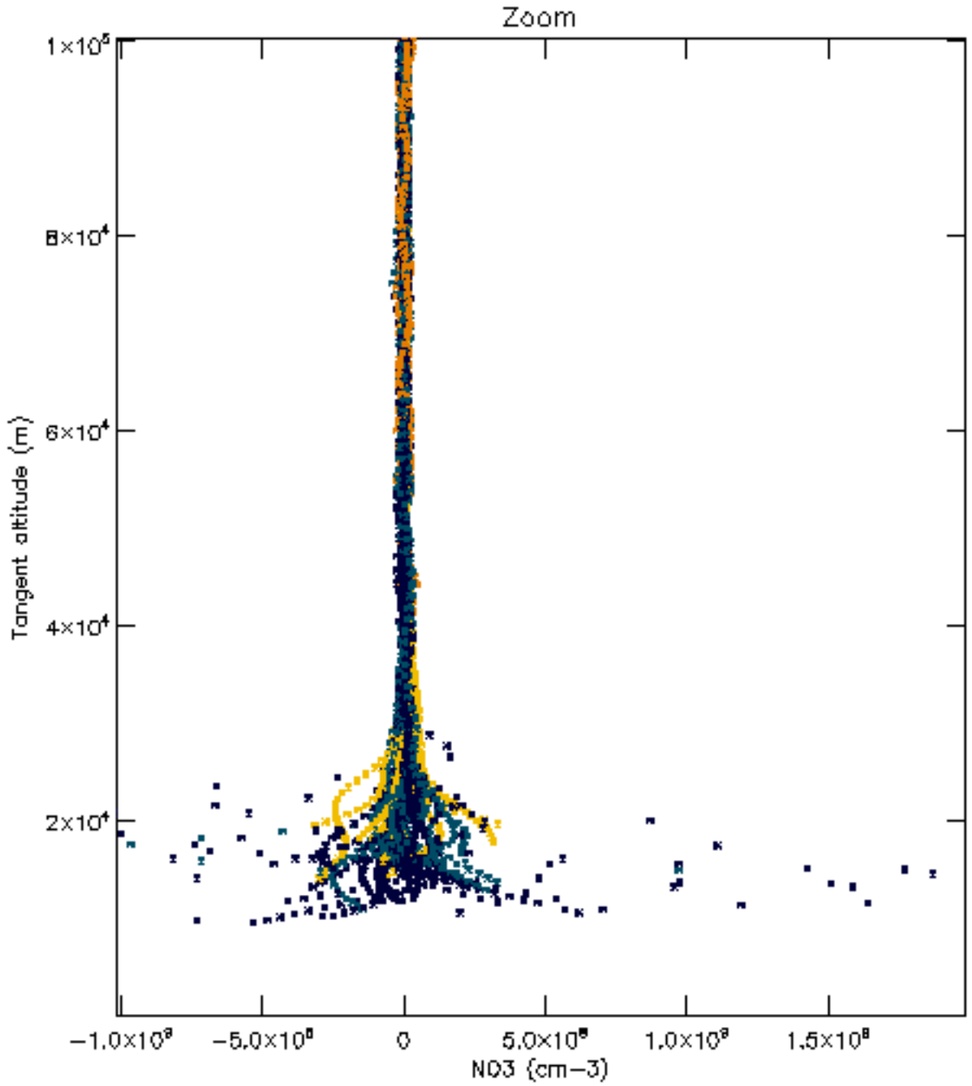

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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


NO2 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−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
40.00
20.00
0.000
−20.00
−40.00
−60.00
−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)