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 17:46:14
Data source version	GOMOS/6.01
Start time of products	18-09-2011 (18SEP2011 00:00:00)
Stop time of products	19-09-2011 (19SEP2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	159
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__2PRFIN20110918_000313_000000393106_00361_49944_6548.N1	18-SEP-2011 00:03:13	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49944	No
2	GOM_NL__2PRFIN20110918_000701_000000413106_00361_49944_6549.N1	18-SEP-2011 00:07:01	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	49944	No
3	GOM_NL__2PRFIN20110918_000847_000000463106_00361_49944_6550.N1	18-SEP-2011 00:08:47	Bright	46.000	58	21Alp And	2.0730	11000.	92	49944	No
4	GOM_NL__2PRFIN20110918_001705_000000423106_00361_49944_6551.N1	18-SEP-2011 00:17:05	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	49944	No
5	GOM_NL__2PRFIN20110918_001847_000000433106_00361_49944_6552.N1	18-SEP-2011 00:18:47	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49944	No
6	GOM_NL__2PRFIN20110918_004138_000000483106_00361_49944_6553.N1	18-SEP-2011 00:41:38	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	49944	No
7	GOM_NL__2PRFIN20110918_005036_000000553106_00361_49944_6554.N1	18-SEP-2011 00:50:36	Dark	55.000	8	10Alp CMi	0.40000	6500.0	110	49944	No
8	GOM_NL__2PRFIN20110918_010005_000000673106_00361_49944_6555.N1	18-SEP-2011 01:00:05	Dark	66.500	1	9Alp CMa	-1.4400	11000.	133	49944	No
9	GOM_NL__2PRFIN20110918_010208_000000503106_00361_49944_6556.N1	18-SEP-2011 01:02:08	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	49944	No
10	GOM_NL__2PRFIN20110918_012523_000000433106_00362_49945_6567.N1	18-SEP-2011 01:25:23	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	49945	No
11	GOM_NL__2PRFIN20110918_013249_000000563106_00362_49945_6568.N1	18-SEP-2011 01:32:49	Twi_and_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	49945	No
12	GOM_NL__2PRFIN20110918_014327_000000403106_00362_49945_6569.N1	18-SEP-2011 01:43:27	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49945	No
13	GOM_NL__2PRFIN20110918_014715_000000393106_00362_49945_6570.N1	18-SEP-2011 01:47:15	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	49945	No
14	GOM_NL__2PRFIN20110918_014900_000000483106_00362_49945_6571.N1	18-SEP-2011 01:49:00	Bright	47.500	58	21Alp And	2.0730	11000.	95	49945	No
15	GOM_NL__2PRFIN20110918_015719_000000413106_00362_49945_6572.N1	18-SEP-2011 01:57:19	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49945	No
16	GOM_NL__2PRFIN20110918_015900_000000433106_00362_49945_6573.N1	18-SEP-2011 01:59:00	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	49945	No
17	GOM_NL__2PRFIN20110918_022152_000000463106_00362_49945_6574.N1	18-SEP-2011 02:21:52	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	49945	No
18	GOM_NL__2PRFIN20110918_023051_000000593106_00362_49945_6575.N1	18-SEP-2011 02:30:51	Dark	59.000	8	10Alp CMi	0.40000	6500.0	118	49945	No
19	GOM_NL__2PRFIN20110918_024020_000000593106_00362_49945_6576.N1	18-SEP-2011 02:40:20	Dark	58.500	1	9Alp CMa	-1.4400	11000.	117	49945	No
20	GOM_NL__2PRFIN20110918_024223_000000473106_00362_49945_6577.N1	18-SEP-2011 02:42:23	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	49945	No
21	GOM_NL__2PRFIN20110918_030538_000000453106_00363_49946_6578.N1	18-SEP-2011 03:05:38	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	49946	No
22	GOM_NL__2PRFIN20110918_031304_000000573106_00363_49946_6579.N1	18-SEP-2011 03:13:04	Twi_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	49946	No
23	GOM_NL__2PRFIN20110918_032341_000000403106_00363_49946_6580.N1	18-SEP-2011 03:23:41	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49946	No
24	GOM_NL__2PRFIN20110918_032729_000000563106_00363_49946_6581.N1	18-SEP-2011 03:27:29	Bright	56.000	93	53Bet Peg	2.5200	3100.0	112	49946	No
25	GOM_NL__2PRFIN20110918_032913_000000463106_00363_49946_6582.N1	18-SEP-2011 03:29:13	Bright	46.000	58	21Alp And	2.0730	11000.	92	49946	No
26	GOM_NL__2PRFIN20110918_033732_000000383106_00363_49946_6583.N1	18-SEP-2011 03:37:32	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	49946	No
27	GOM_NL__2PRFIN20110918_033914_000000523106_00363_49946_6584.N1	18-SEP-2011 03:39:14	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	49946	No
28	GOM_NL__2PRFIN20110918_040206_000000653106_00363_49946_6585.N1	18-SEP-2011 04:02:06	Bright	65.000	24	66Alp Gem	1.5800	10200.	130	49946	No
29	GOM_NL__2PRFIN20110918_041105_000000643106_00363_49946_6586.N1	18-SEP-2011 04:11:05	Dark	64.000	8	10Alp CMi	0.40000	6500.0	128	49946	No
30	GOM_NL__2PRFIN20110918_042036_000000663106_00363_49946_6587.N1	18-SEP-2011 04:20:36	Dark	65.500	1	9Alp CMa	-1.4400	11000.	131	49946	No
31	GOM_NL__2PRFIN20110918_042237_000000523106_00363_49946_6588.N1	18-SEP-2011 04:22:37	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	49946	No
32	GOM_NL__2PRFIN20110918_044552_000000483106_00364_49947_6605.N1	18-SEP-2011 04:45:52	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	49947	No
33	GOM_NL__2PRFIN20110918_045318_000000553106_00364_49947_6606.N1	18-SEP-2011 04:53:18	Twi_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	49947	No
34	GOM_NL__2PRFIN20110918_050355_000000403106_00364_49947_6607.N1	18-SEP-2011 05:03:55	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49947	No
35	GOM_NL__2PRFIN20110918_050743_000000413106_00364_49947_6608.N1	18-SEP-2011 05:07:43	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	49947	No
36	GOM_NL__2PRFIN20110918_050927_000000473106_00364_49947_6609.N1	18-SEP-2011 05:09:27	Bright	46.500	58	21Alp And	2.0730	11000.	93	49947	No
37	GOM_NL__2PRFIN20110918_051746_000000413106_00364_49947_6610.N1	18-SEP-2011 05:17:46	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49947	No
38	GOM_NL__2PRFIN20110918_051927_000000423106_00364_49947_6611.N1	18-SEP-2011 05:19:27	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	49947	No
39	GOM_NL__2PRFIN20110918_054220_000000463106_00364_49947_6612.N1	18-SEP-2011 05:42:20	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	49947	No
40	GOM_NL__2PRFIN20110918_055120_000000583106_00364_49947_6613.N1	18-SEP-2011 05:51:20	Dark	58.000	8	10Alp CMi	0.40000	6500.0	116	49947	No
41	GOM_NL__2PRFIN20110918_060051_000000623106_00364_49947_6614.N1	18-SEP-2011 06:00:51	Dark	62.000	1	9Alp CMa	-1.4400	11000.	124	49947	No
42	GOM_NL__2PRFIN20110918_060252_000000563106_00364_49947_6615.N1	18-SEP-2011 06:02:52	Dark	56.000	23	21Eps CMa	1.5020	26000.	112	49947	No

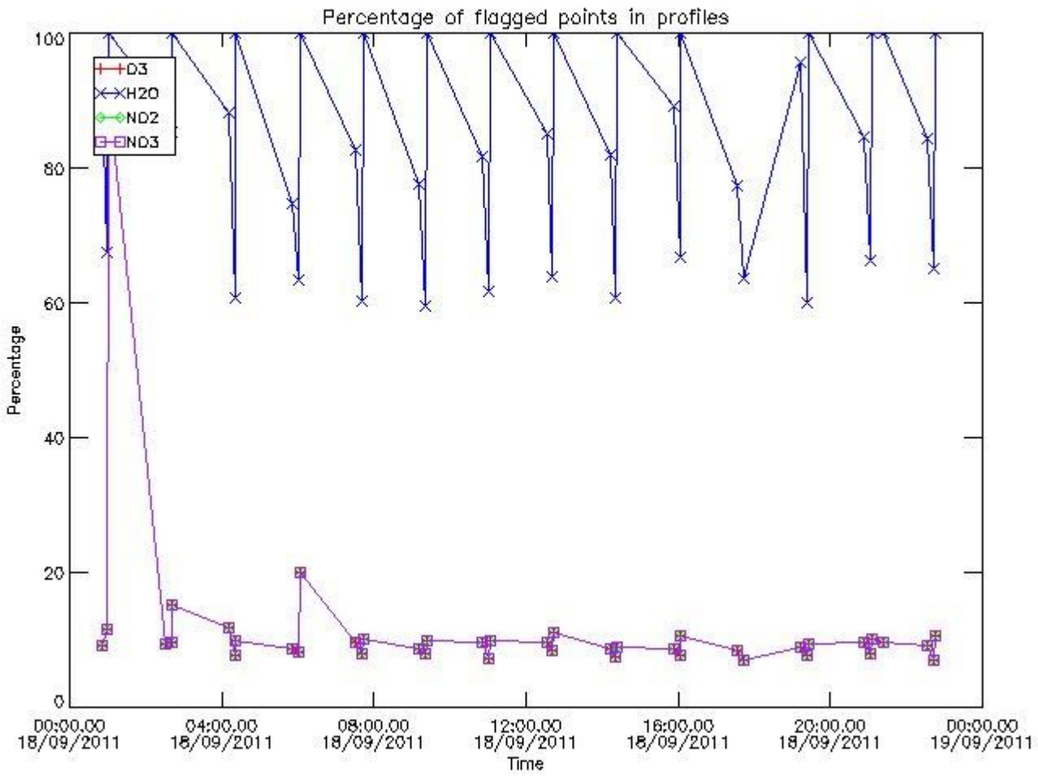
43	GOM_NL__2PRFIN20110918_062607_000000453106_00365_49948_6619.N1	18-SEP-2011 06:26:07	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	49948	No
44	GOM_NL__2PRFIN20110918_063332_000000563106_00365_49948_6620.N1	18-SEP-2011 06:33:32	Twi_and_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	49948	No
45	GOM_NL__2PRFIN20110918_064409_000000403106_00365_49948_6621.N1	18-SEP-2011 06:44:09	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49948	No
46	GOM_NL__2PRFIN20110918_064756_000000393106_00365_49948_6622.N1	18-SEP-2011 06:47:56	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	49948	No
47	GOM_NL__2PRFIN20110918_064940_000000473106_00365_49948_6623.N1	18-SEP-2011 06:49:40	Bright	46.500	58	21Alp And	2.0730	11000.	93	49948	No
48	GOM_NL__2PRFIN20110918_065759_000000413106_00365_49948_6624.N1	18-SEP-2011 06:57:59	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49948	No
49	GOM_NL__2PRFIN20110918_065941_000000433106_00365_49948_6625.N1	18-SEP-2011 06:59:41	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49948	No
50	GOM_NL__2PRFIN20110918_072234_000000453106_00365_49948_6626.N1	18-SEP-2011 07:22:34	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	49948	No
51	GOM_NL__2PRFIN20110918_073134_000000643106_00365_49948_6627.N1	18-SEP-2011 07:31:34	Dark	64.000	8	10Alp CMi	0.40000	6500.0	128	49948	No
52	GOM_NL__2PRFIN20110918_074106_000000653106_00365_49948_6628.N1	18-SEP-2011 07:41:06	Dark	64.500	1	9Alp CMa	-1.4400	11000.	129	49948	No
53	GOM_NL__2PRFIN20110918_074307_000000503106_00365_49948_6629.N1	18-SEP-2011 07:43:07	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	49948	No
54	GOM_NL__2PRFIN20110918_080621_000000433106_00366_49949_6647.N1	18-SEP-2011 08:06:21	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	49949	No
55	GOM_NL__2PRFIN20110918_081346_000000553106_00366_49949_6648.N1	18-SEP-2011 08:13:46	Twi_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	49949	No
56	GOM_NL__2PRFIN20110918_082423_000000393106_00366_49949_6649.N1	18-SEP-2011 08:24:23	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49949	No
57	GOM_NL__2PRFIN20110918_082810_000000403106_00366_49949_6650.N1	18-SEP-2011 08:28:10	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49949	No
58	GOM_NL__2PRFIN20110918_082954_000000443106_00366_49949_6651.N1	18-SEP-2011 08:29:54	Bright	43.500	58	21Alp And	2.0730	11000.	87	49949	No
59	GOM_NL__2PRFIN20110918_083813_000000403106_00366_49949_6652.N1	18-SEP-2011 08:38:13	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	49949	No
60	GOM_NL__2PRFIN20110918_083954_000000433106_00366_49949_6653.N1	18-SEP-2011 08:39:54	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49949	No
61	GOM_NL__2PRFIN20110918_090248_000000473106_00366_49949_6654.N1	18-SEP-2011 09:02:48	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	49949	No
62	GOM_NL__2PRFIN20110918_091149_000000653106_00366_49949_6655.N1	18-SEP-2011 09:11:49	Dark	65.000	8	10Alp CMi	0.40000	6500.0	130	49949	No
63	GOM_NL__2PRFIN20110918_092121_000000653106_00366_49949_6656.N1	18-SEP-2011 09:21:21	Dark	64.500	1	9Alp CMa	-1.4400	11000.	129	49949	No
64	GOM_NL__2PRFIN20110918_092322_000000513106_00366_49949_6657.N1	18-SEP-2011 09:23:22	Dark	51.000	23	21Eps CMa	1.5020	26000.	102	49949	No
65	GOM_NL__2PRFIN20110918_094635_000000433106_00367_49950_6708.N1	18-SEP-2011 09:46:35	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	49950	No
66	GOM_NL__2PRFIN20110918_095400_000000553106_00367_49950_6709.N1	18-SEP-2011 09:54:00	Twi_and_stray	54.500	52	16Bet Cet	2.0370	4500.0	109	49950	No
67	GOM_NL__2PRFIN20110918_100436_000000393106_00367_49950_6710.N1	18-SEP-2011 10:04:36	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	49950	No
68	GOM_NL__2PRFIN20110918_100824_000000403106_00367_49950_6711.N1	18-SEP-2011 10:08:24	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49950	No
69	GOM_NL__2PRFIN20110918_101007_000000463106_00367_49950_6712.N1	18-SEP-2011 10:10:07	Bright	45.500	58	21Alp And	2.0730	11000.	91	49950	No
70	GOM_NL__2PRFIN20110918_101827_000000413106_00367_49950_6713.N1	18-SEP-2011 10:18:27	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49950	No
71	GOM_NL__2PRFIN20110918_102008_000000433106_00367_49950_6714.N1	18-SEP-2011 10:20:08	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	49950	No
72	GOM_NL__2PRFIN20110918_104302_000000483106_00367_49950_6715.N1	18-SEP-2011 10:43:02	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	49950	No
73	GOM_NL__2PRFIN20110918_105203_000000633106_00367_49950_6716.N1	18-SEP-2011 10:52:03	Dark	63.000	8	10Alp CMi	0.40000	6500.0	126	49950	No
74	GOM_NL__2PRFIN20110918_110136_000000703106_00367_49950_6717.N1	18-SEP-2011 11:01:36	Dark	69.500	1	9Alp CMa	-1.4400	11000.	139	49950	No
75	GOM_NL__2PRFIN20110918_110337_000000513106_00367_49950_6718.N1	18-SEP-2011 11:03:37	Dark	51.000	23	21Eps CMa	1.5020	26000.	102	49950	No
76	GOM_NL__2PRFIN20110918_112649_000000423106_00368_49951_6738.N1	18-SEP-2011 11:26:49	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	49951	No
77	GOM_NL__2PRFIN20110918_113414_000000553106_00368_49951_6739.N1	18-SEP-2011 11:34:14	Twi_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	49951	No
78	GOM_NL__2PRFIN20110918_114450_000000393106_00368_49951_6740.N1	18-SEP-2011 11:44:50	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49951	No
79	GOM_NL__2PRFIN20110918_114838_000000403106_00368_49951_6741.N1	18-SEP-2011 11:48:38	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49951	No
80	GOM_NL__2PRFIN20110918_115020_000000453106_00368_49951_6742.N1	18-SEP-2011 11:50:20	Bright	45.000	58	21Alp And	2.0730	11000.	90	49951	No
81	GOM_NL__2PRFIN20110918_115840_000000413106_00368_49951_6743.N1	18-SEP-2011 11:58:40	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49951	No
82	GOM_NL__2PRFIN20110918_120021_000000433106_00368_49951_6744.N1	18-SEP-2011 12:00:21	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49951	No
83	GOM_NL__2PRFIN20110918_122316_000000473106_00368_49951_6745.N1	18-SEP-2011 12:23:16	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	49951	No
84	GOM_NL__2PRFIN20110918_123218_000000583106_00368_49951_6746.N1	18-SEP-2011 12:32:18	Dark	57.500	8	10Alp CMi	0.40000	6500.0	115	49951	No
85	GOM_NL__2PRFIN20110918_124151_000000603106_00368_49951_6747.N1	18-SEP-2011 12:41:51	Dark	60.000	1	9Alp CMa	-1.4400	11000.	120	49951	No
86	GOM_NL__2PRFIN20110918_124352_000000463106_00368_49951_6748.N1	18-SEP-2011 12:43:52	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	49951	No
87	GOM_NL__2PRFIN20110918_130704_000000423106_00369_49952_6765.N1	18-SEP-2011 13:07:04	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	49952	No
88	GOM_NL__2PRFIN20110918_131428_000000573106_00369_49952_6766.N1	18-SEP-2011 13:14:28	Twi_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	49952	No
89	GOM_NL__2PRFIN20110918_132504_000000393106_00369_49952_6767.N1	18-SEP-2011 13:25:04	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49952	No
90	GOM_NL__2PRFIN20110918_132851_000000403106_00369_49952_6768.N1	18-SEP-2011 13:28:51	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49952	No
91	GOM_NL__2PRFIN20110918_133034_000000473106_00369_49952_6769.N1	18-SEP-2011 13:30:34	Bright	46.500	58	21Alp And	2.0730	11000.	93	49952	No
92	GOM_NL__2PRFIN20110918_133854_000000403106_00369_49952_6770.N1	18-SEP-2011 13:38:54	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	49952	No
93	GOM_NL__2PRFIN20110918_134034_000000423106_00369_49952_6771.N1	18-SEP-2011 13:40:34	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	49952	No
94	GOM_NL__2PRFIN20110918_140330_000000473106_00369_49952_6772.N1	18-SEP-2011 14:03:30	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	49952	No
95	GOM_NL__2PRFIN20110918_141233_000000593106_00369_49952_6773.N1	18-SEP-2011 14:12:33	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	49952	No
96	GOM_NL__2PRFIN20110918_142206_000000693106_00369_49952_6774.N1	18-SEP-2011 14:22:06	Dark	69.000	1	9Alp CMa	-1.4400	11000.	138	49952	No
97	GOM_NL__2PRFIN20110918_142407_000000583106_00369_49952_6775.N1	18-SEP-2011 14:24:07	Dark	57.500	23	21Eps CMa	1.5020	26000.	115	49952	No
98	GOM_NL__2PRFIN20110918_144718_000000503106_00370_49953_6796.N1	18-SEP-2011 14:47:18	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	49953	No
99	GOM_NL__2PRFIN20110918_145443_000000563106_00370_49953_6797.N1	18-SEP-2011 14:54:43	Twi_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	49953	No
100	GOM_NL__2PRFIN20110918_150518_000000383106_00370_49953_6798.N1	18-SEP-2011 15:05:18	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	49953	No
101	GOM_NL__2PRFIN20110918_150905_000000403106_00370_49953_6799.N1	18-SEP-2011 15:09:05	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49953	No

102	GOM_NL__2PRFIN20110918_151047_000000443106_00370_49953_6800.N1	18-SEP-2011 15:10:47	Bright	43.500	58	21Alp And	2.0730	11000.	87	49953	No
103	GOM_NL__2PRFIN20110918_151907_000000413106_00370_49953_6801.N1	18-SEP-2011 15:19:07	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	49953	No
104	GOM_NL__2PRFIN20110918_152048_000000433106_00370_49953_6802.N1	18-SEP-2011 15:20:48	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	49953	No
105	GOM_NL__2PRFIN20110918_154345_000000453106_00370_49953_6803.N1	18-SEP-2011 15:43:45	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	49953	No
106	GOM_NL__2PRFIN20110918_155247_000000653106_00370_49953_6804.N1	18-SEP-2011 15:52:47	Dark	64.500	8	10Alp CMi	0.40000	6500.0	129	49953	No
107	GOM_NL__2PRFIN20110918_160222_000000673106_00370_49953_6805.N1	18-SEP-2011 16:02:22	Dark	66.500	1	9Alp CMa	-1.4400	11000.	133	49953	No
108	GOM_NL__2PRFIN20110918_160422_000000483106_00370_49953_6806.N1	18-SEP-2011 16:04:22	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	49953	No
109	GOM_NL__2PRFIN20110918_162732_000000493106_00371_49954_6834.N1	18-SEP-2011 16:27:32	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49954	No
110	GOM_NL__2PRFIN20110918_163457_000000543106_00371_49954_6835.N1	18-SEP-2011 16:34:57	Twi_and_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	49954	No
111	GOM_NL__2PRFIN20110918_164532_000000403106_00371_49954_6836.N1	18-SEP-2011 16:45:32	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49954	No
112	GOM_NL__2PRFIN20110918_164919_000000383106_00371_49954_6837.N1	18-SEP-2011 16:49:19	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	49954	No
113	GOM_NL__2PRFIN20110918_165101_000000443106_00371_49954_6838.N1	18-SEP-2011 16:51:01	Bright	44.000	58	21Alp And	2.0730	11000.	88	49954	No
114	GOM_NL__2PRFIN20110918_165921_000000413106_00371_49954_6839.N1	18-SEP-2011 16:59:21	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49954	No
115	GOM_NL__2PRFIN20110918_170101_000000403106_00371_49954_6840.N1	18-SEP-2011 17:01:01	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	49954	No
116	GOM_NL__2PRFIN20110918_172359_000000483106_00371_49954_6841.N1	18-SEP-2011 17:23:59	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	49954	No
117	GOM_NL__2PRFIN20110918_173302_000000603106_00371_49954_6842.N1	18-SEP-2011 17:33:02	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	49954	No
118	GOM_NL__2PRFIN20110918_174237_000000743106_00371_49954_6843.N1	18-SEP-2011 17:42:37	Dark	73.500	1	9Alp CMa	-1.4400	11000.	147	49954	No
119	GOM_NL__2PRFIN20110918_180747_000000433106_00372_49955_6881.N1	18-SEP-2011 18:07:47	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	49955	No
120	GOM_NL__2PRFIN20110918_181511_000000573106_00372_49955_6882.N1	18-SEP-2011 18:15:11	Twi_and_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	49955	No
121	GOM_NL__2PRFIN20110918_182546_000000403106_00372_49955_6883.N1	18-SEP-2011 18:25:46	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49955	No
122	GOM_NL__2PRFIN20110918_182933_000000403106_00372_49955_6884.N1	18-SEP-2011 18:29:33	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49955	No
123	GOM_NL__2PRFIN20110918_183114_000000473106_00372_49955_6885.N1	18-SEP-2011 18:31:14	Bright	46.500	58	21Alp And	2.0730	11000.	93	49955	No
124	GOM_NL__2PRFIN20110918_183934_000000413106_00372_49955_6886.N1	18-SEP-2011 18:39:34	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	49955	No
125	GOM_NL__2PRFIN20110918_184115_000000433106_00372_49955_6887.N1	18-SEP-2011 18:41:15	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	49955	No
126	GOM_NL__2PRFIN20110918_190413_000000473106_00372_49955_6888.N1	18-SEP-2011 19:04:13	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	49955	No
127	GOM_NL__2PRFIN20110918_191317_000000583106_00372_49955_6889.N1	18-SEP-2011 19:13:17	Dark	57.500	8	10Alp CMi	0.40000	6500.0	115	49955	No
128	GOM_NL__2PRFIN20110918_192252_000000663106_00372_49955_6890.N1	18-SEP-2011 19:22:52	Dark	65.500	1	9Alp CMa	-1.4400	11000.	131	49955	No
129	GOM_NL__2PRFIN20110918_192451_000000543106_00372_49955_6891.N1	18-SEP-2011 19:24:51	Dark	54.000	23	21Eps CMa	1.5020	26000.	108	49955	No
130	GOM_NL__2PRFIN20110918_194801_000000493106_00373_49956_6888.N1	18-SEP-2011 19:48:01	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49956	No
131	GOM_NL__2PRFIN20110918_195525_000000553106_00373_49956_6889.N1	18-SEP-2011 19:55:25	Twi_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	49956	No
132	GOM_NL__2PRFIN20110918_200600_000000393106_00373_49956_6890.N1	18-SEP-2011 20:06:00	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49956	No
133	GOM_NL__2PRFIN20110918_200947_000000393106_00373_49956_6891.N1	18-SEP-2011 20:09:47	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	49956	No
134	GOM_NL__2PRFIN20110918_201128_000000463106_00373_49956_6892.N1	18-SEP-2011 20:11:28	Bright	45.500	58	21Alp And	2.0730	11000.	91	49956	No
135	GOM_NL__2PRFIN20110918_201948_000000413106_00373_49956_6893.N1	18-SEP-2011 20:19:48	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49956	No
136	GOM_NL__2PRFIN20110918_202128_000000433106_00373_49956_6894.N1	18-SEP-2011 20:21:28	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49956	No
137	GOM_NL__2PRFIN20110918_204427_000000593106_00373_49956_6895.N1	18-SEP-2011 20:44:27	Bright	58.500	24	66Alp Gem	1.5800	10200.	117	49956	No
138	GOM_NL__2PRFIN20110918_205331_000000593106_00373_49956_6896.N1	18-SEP-2011 20:53:31	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	49956	No
139	GOM_NL__2PRFIN20110918_210307_000000643106_00373_49956_6897.N1	18-SEP-2011 21:03:07	Dark	64.000	1	9Alp CMa	-1.4400	11000.	128	49956	No
140	GOM_NL__2PRFIN20110918_210506_000000503106_00373_49956_6898.N1	18-SEP-2011 21:05:06	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	49956	No
141	GOM_NL__2PRFIN20110918_212238_000000533106_00374_49957_6932.N1	18-SEP-2011 21:22:38	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49957	No
142	GOM_NL__2PRFIN20110918_212816_000000453106_00374_49957_6933.N1	18-SEP-2011 21:28:16	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	49957	No
143	GOM_NL__2PRFIN20110918_213539_000000563106_00374_49957_6934.N1	18-SEP-2011 21:35:39	Twi_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	49957	No
144	GOM_NL__2PRFIN20110918_214613_000000393106_00374_49957_6935.N1	18-SEP-2011 21:46:13	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	49957	No
145	GOM_NL__2PRFIN20110918_215000_000000393106_00374_49957_6936.N1	18-SEP-2011 21:50:00	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	49957	No
146	GOM_NL__2PRFIN20110918_215141_000000433106_00374_49957_6937.N1	18-SEP-2011 21:51:41	Bright	42.500	58	21Alp And	2.0730	11000.	85	49957	No
147	GOM_NL__2PRFIN20110918_220002_000000403106_00374_49957_6938.N1	18-SEP-2011 22:00:02	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	49957	No
148	GOM_NL__2PRFIN20110918_220142_000000423106_00374_49957_6939.N1	18-SEP-2011 22:01:42	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	49957	No
149	GOM_NL__2PRFIN20110918_222441_000000483106_00374_49957_6940.N1	18-SEP-2011 22:24:41	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	49957	No
150	GOM_NL__2PRFIN20110918_223346_000000673106_00374_49957_6941.N1	18-SEP-2011 22:33:46	Dark	66.500	8	10Alp CMi	0.40000	6500.0	133	49957	No
151	GOM_NL__2PRFIN20110918_224322_000000743106_00374_49957_6942.N1	18-SEP-2011 22:43:22	Dark	73.500	1	9Alp CMa	-1.4400	11000.	147	49957	No
152	GOM_NL__2PRFIN20110918_224521_000000493106_00374_49957_6943.N1	18-SEP-2011 22:45:21	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	49957	No
153	GOM_NL__2PRFIN20110918_230830_000000433106_00375_49958_6945.N1	18-SEP-2011 23:08:30	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	49958	No
154	GOM_NL__2PRFIN20110918_231553_000000563106_00375_49958_6946.N1	18-SEP-2011 23:15:53	Twi_and_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	49958	No
155	GOM_NL__2PRFIN20110918_232627_000000393106_00375_49958_6947.N1	18-SEP-2011 23:26:27	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	49958	No
156	GOM_NL__2PRFIN20110918_233014_000000413106_00375_49958_6948.N1	18-SEP-2011 23:30:14	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	49958	No
157	GOM_NL__2PRFIN20110918_233154_000000453106_00375_49958_6949.N1	18-SEP-2011 23:31:54	Bright	44.500	58	21Alp And	2.0730	11000.	89	49958	No
158	GOM_NL__2PRFIN20110918_234015_000000413106_00375_49958_6950.N1	18-SEP-2011 23:40:15	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49958	No
159	GOM_NL__2PRFIN20110918_234155_000000403106_00375_49958_6951.N1	18-SEP-2011 23:41:55	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	49958	No

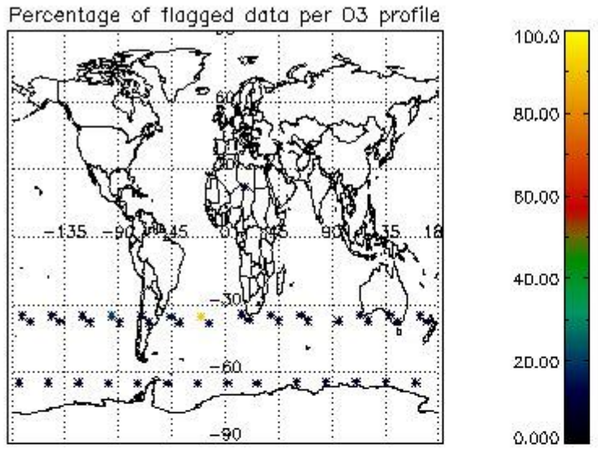
3. Quality information per product

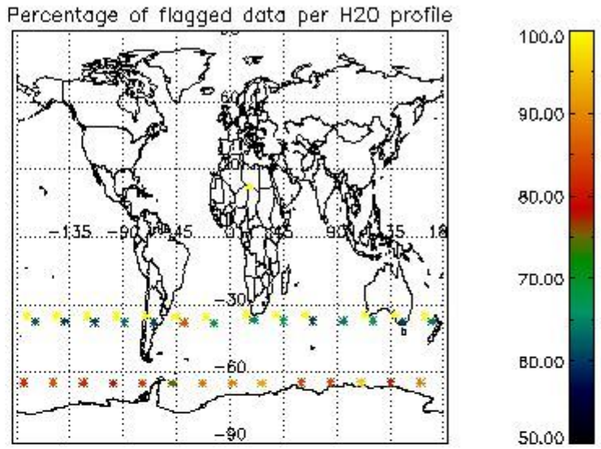
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

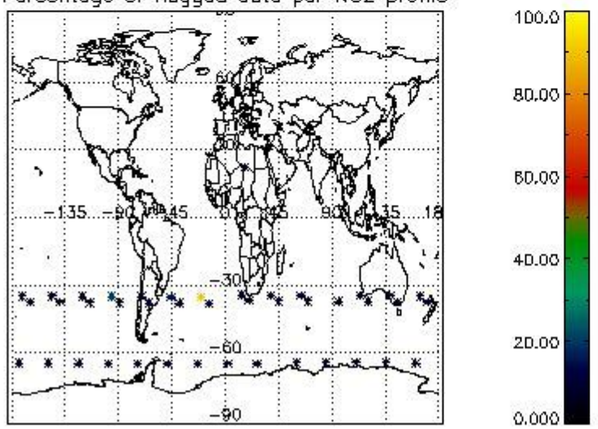
3.1 Plot quality information per product (time dependant)

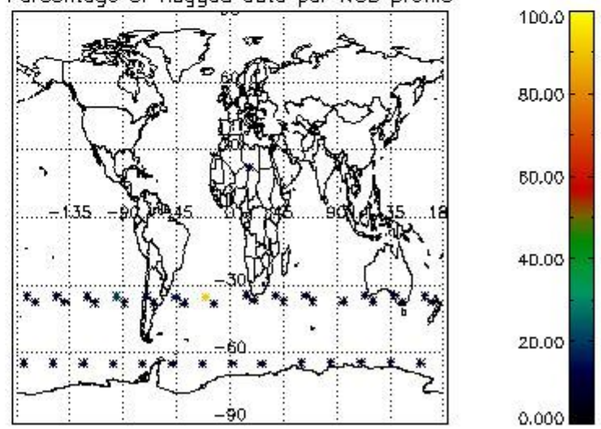


3.2 Plot quality information per product (world map)







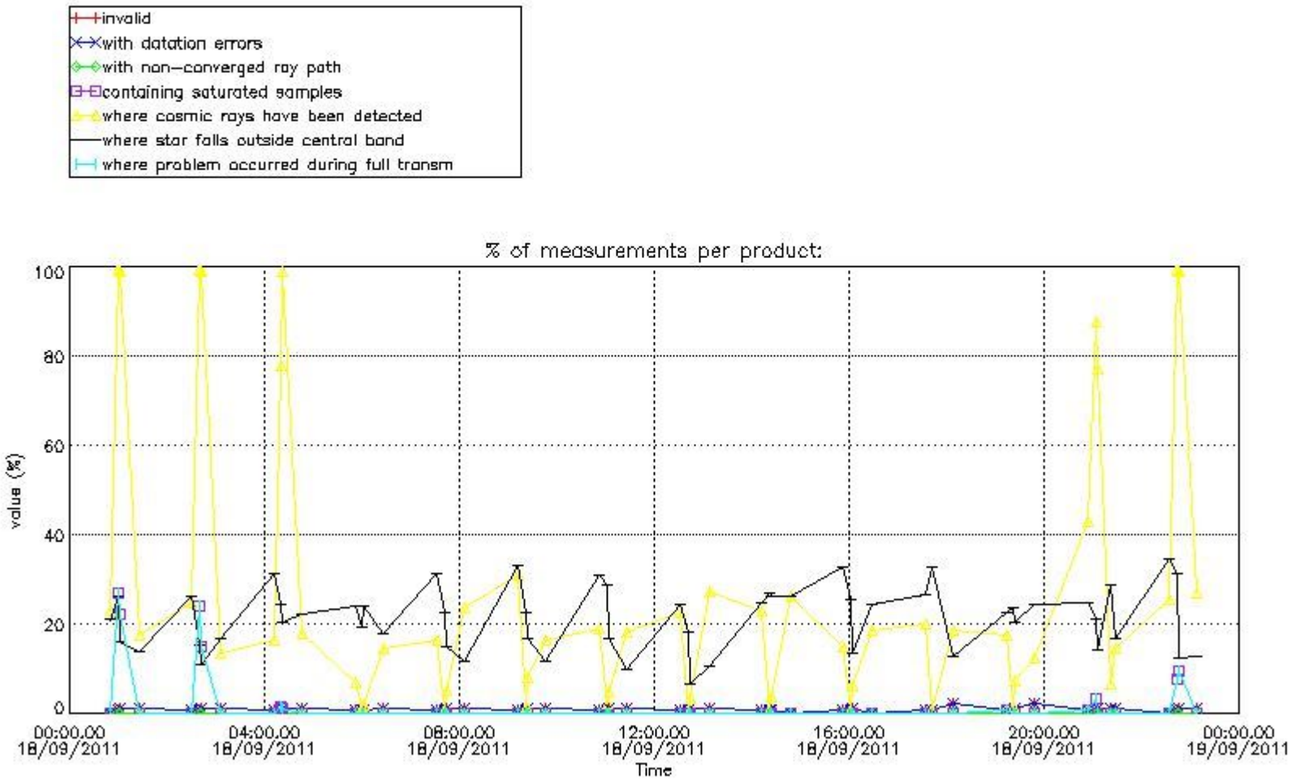


4. Level 1 quality information per product

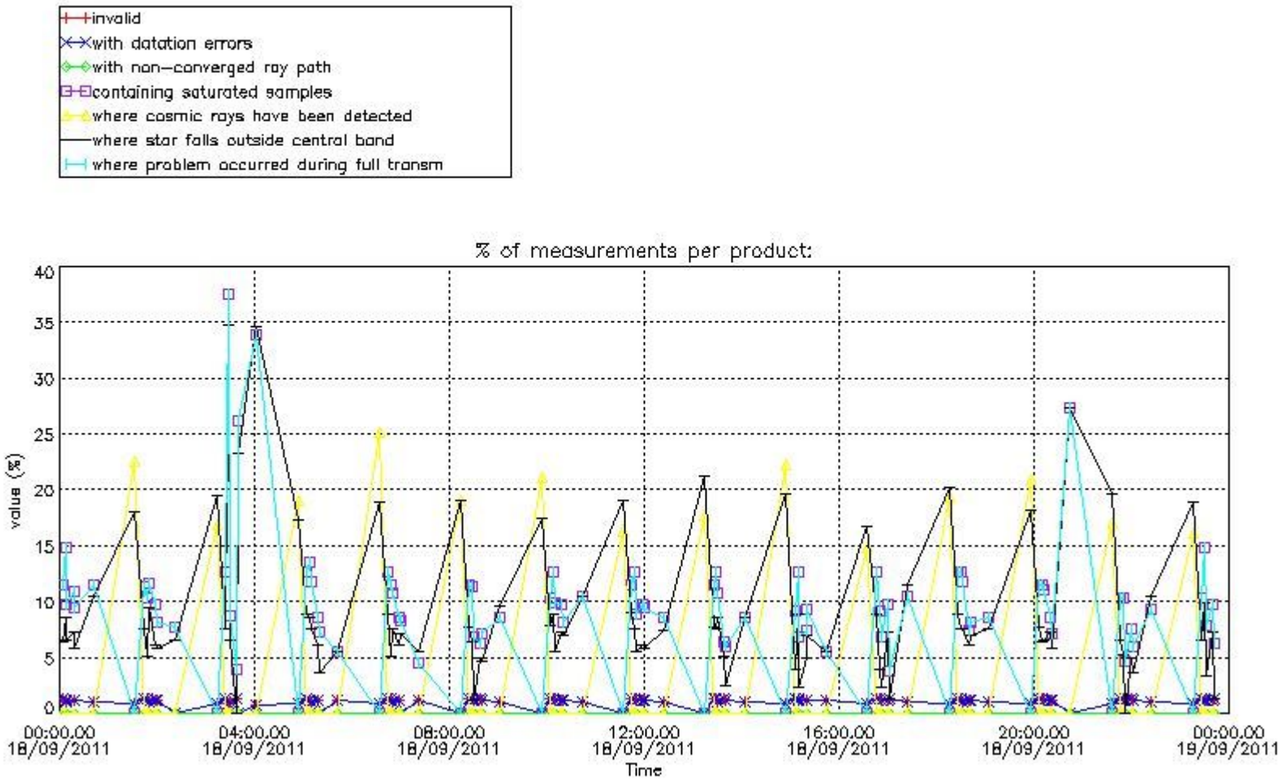
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

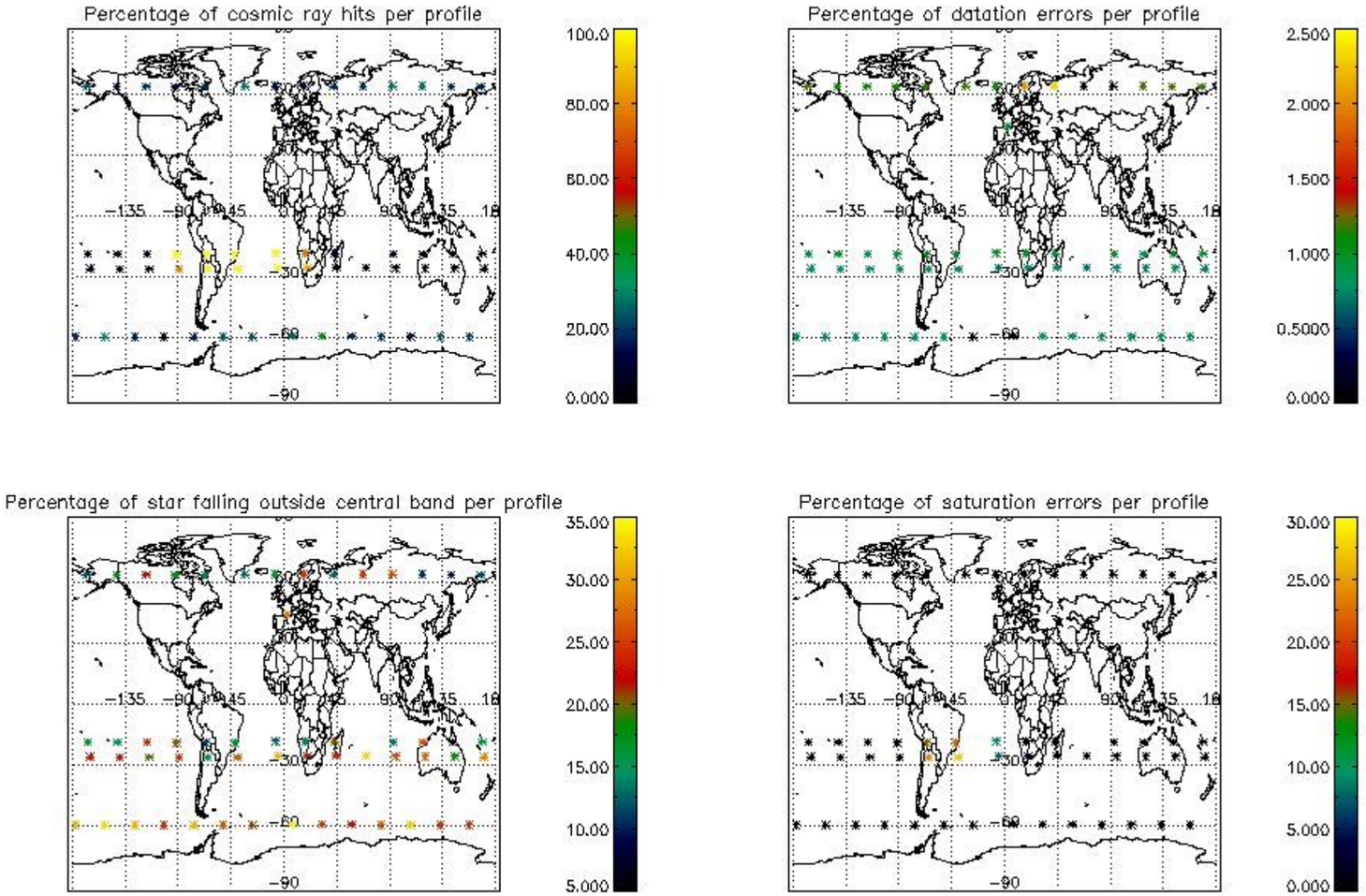


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

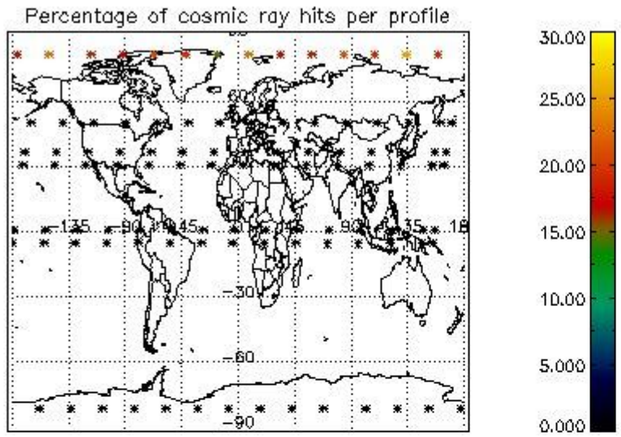


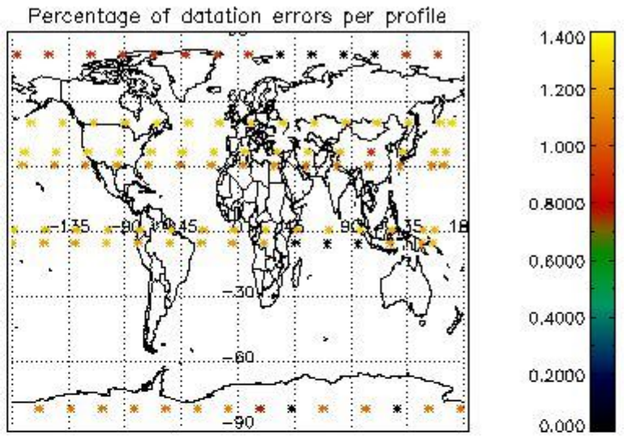
4.2 Plot quality information per product comming from level 1b processing (world map)

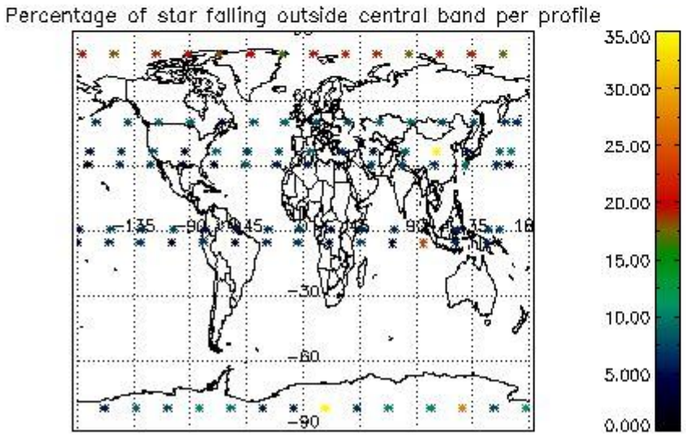
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

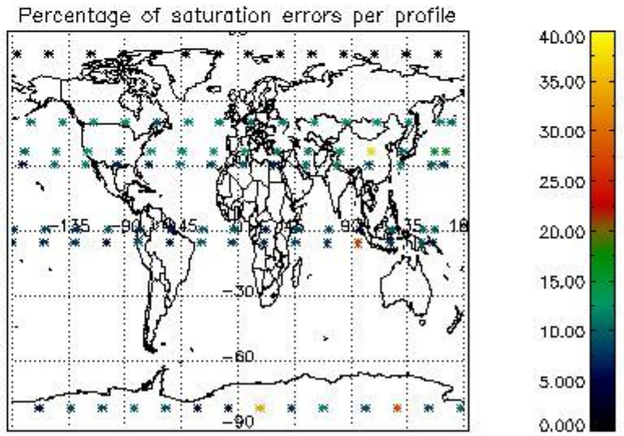


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

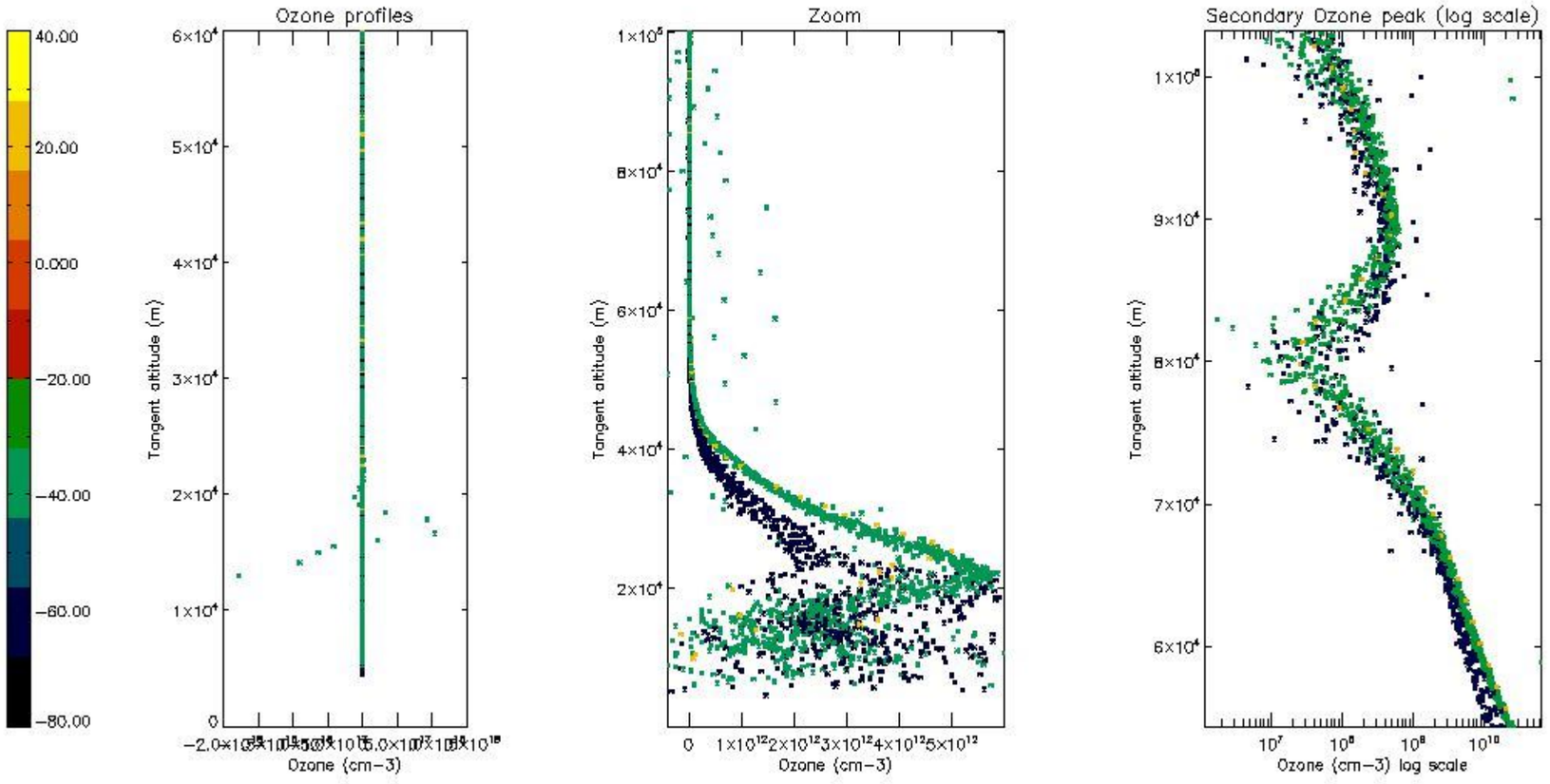
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	22

STD < 10	19
STD < 5	16

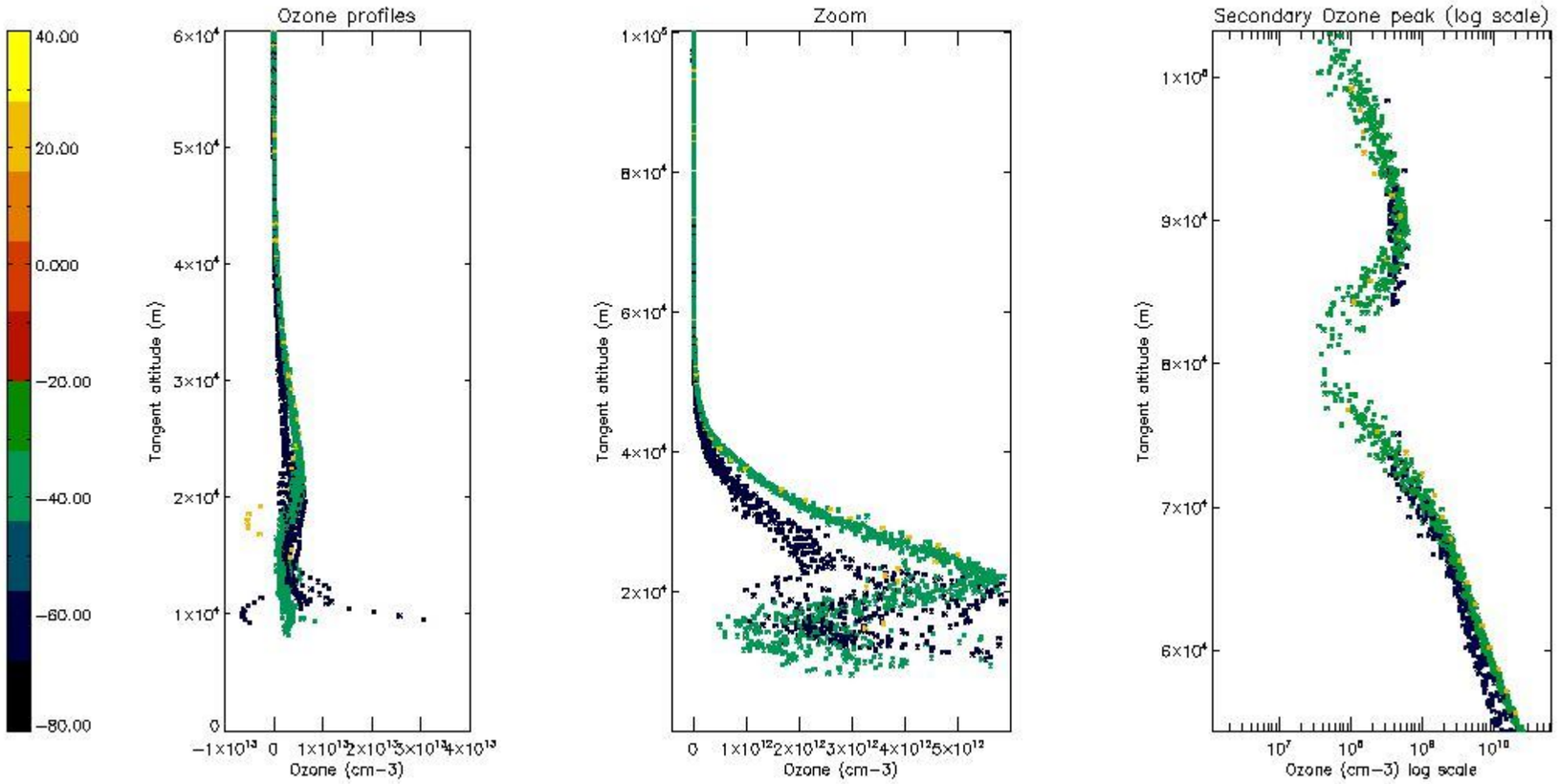
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



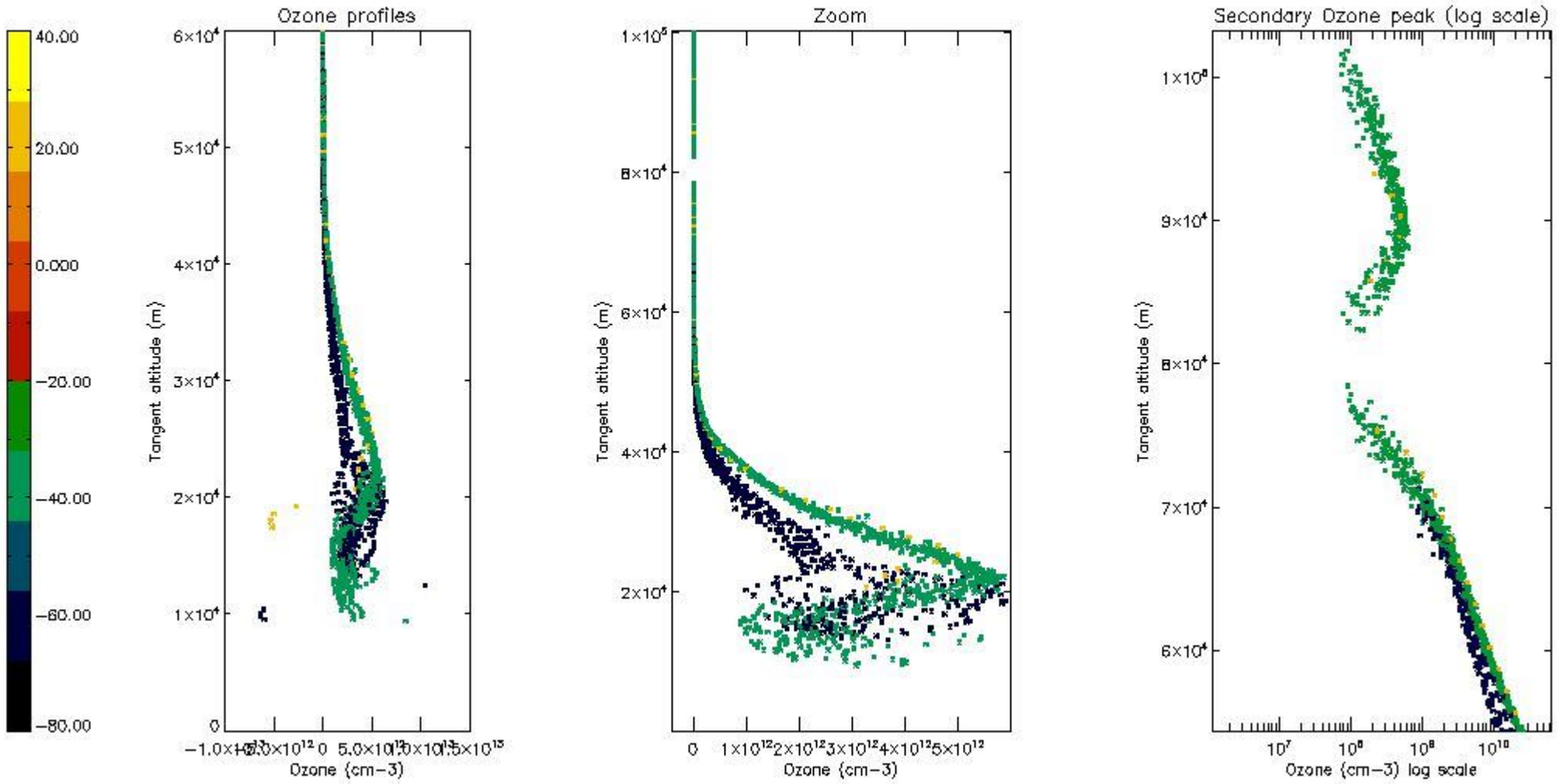
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



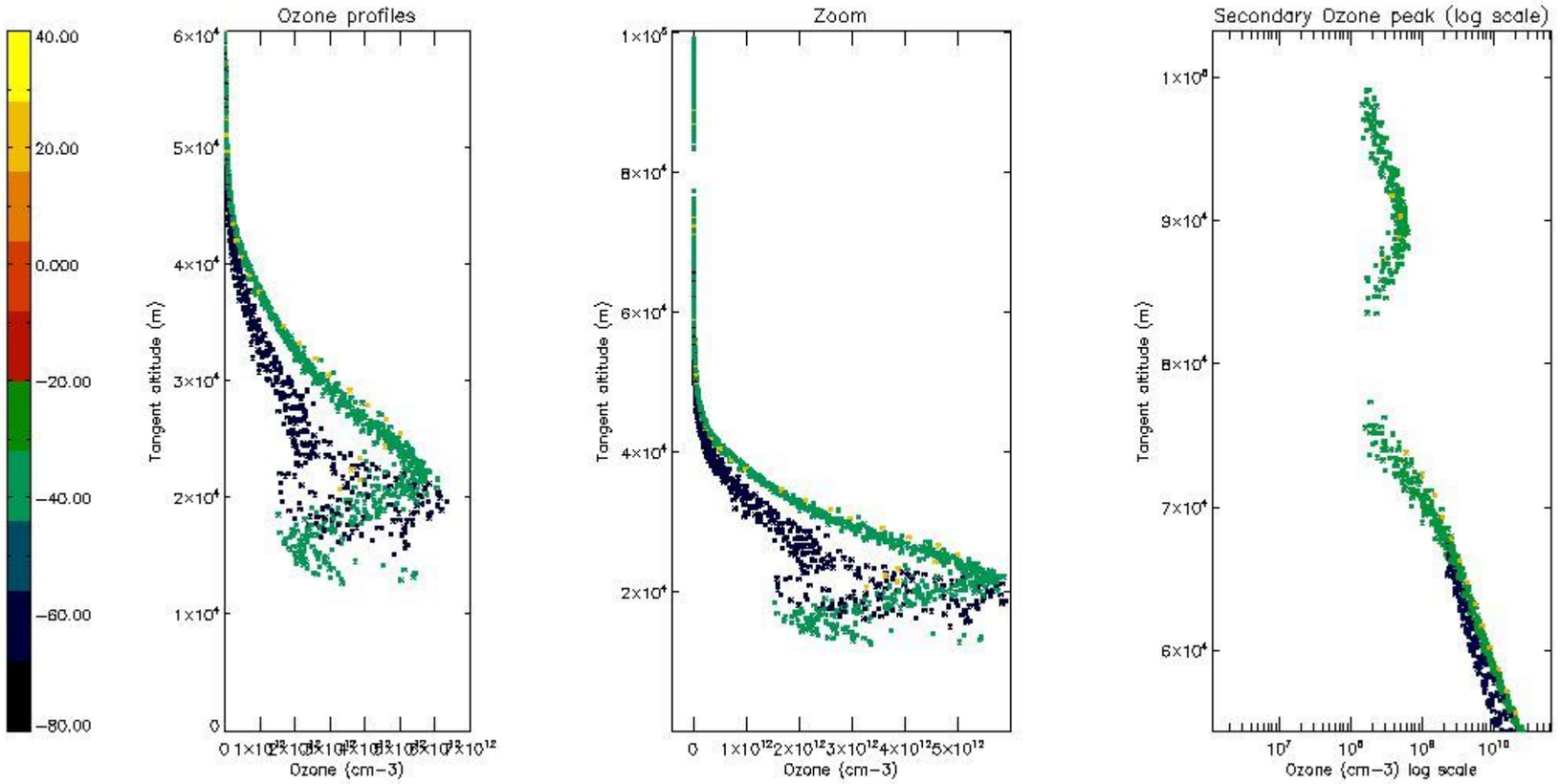
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



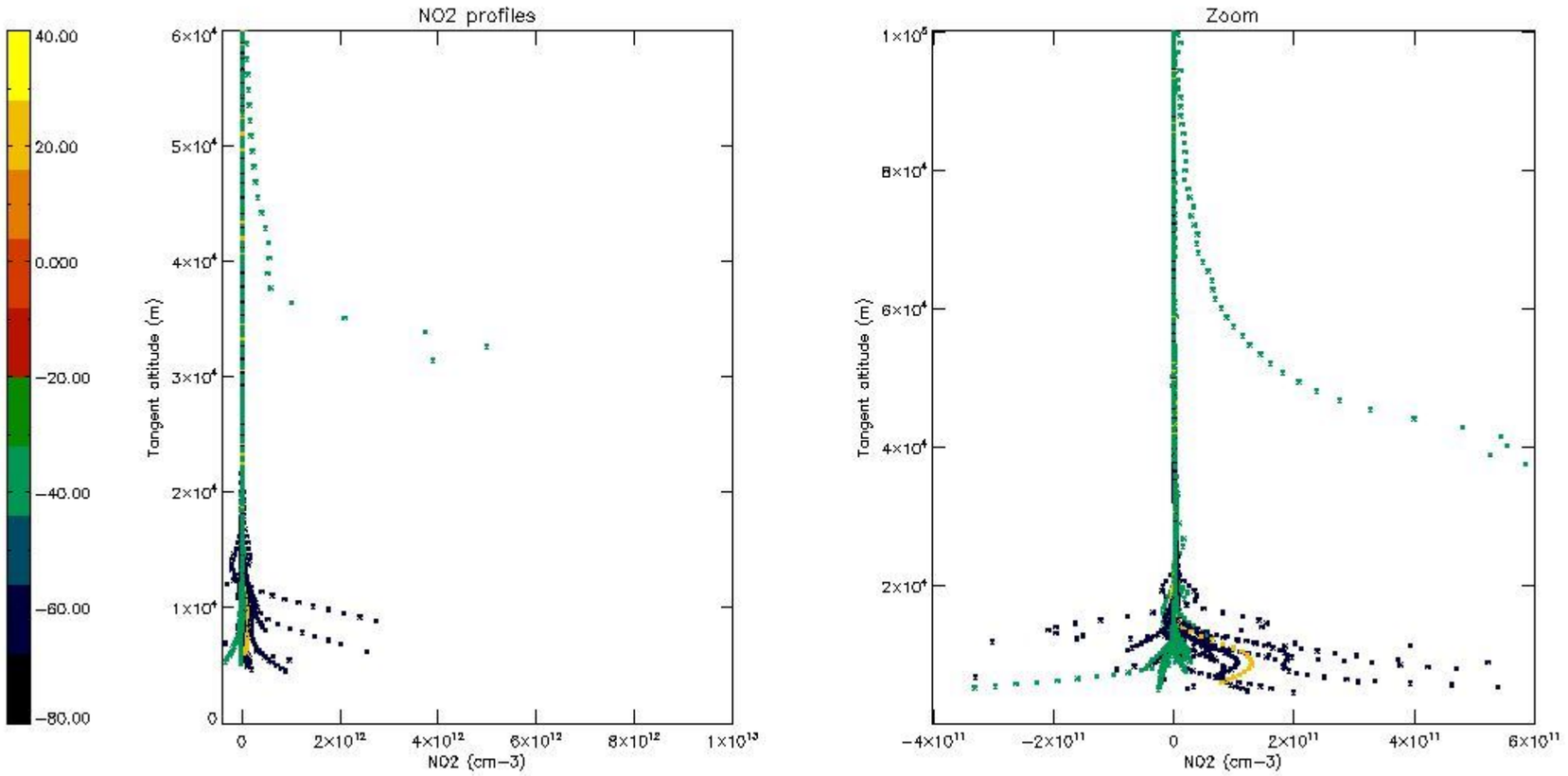
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



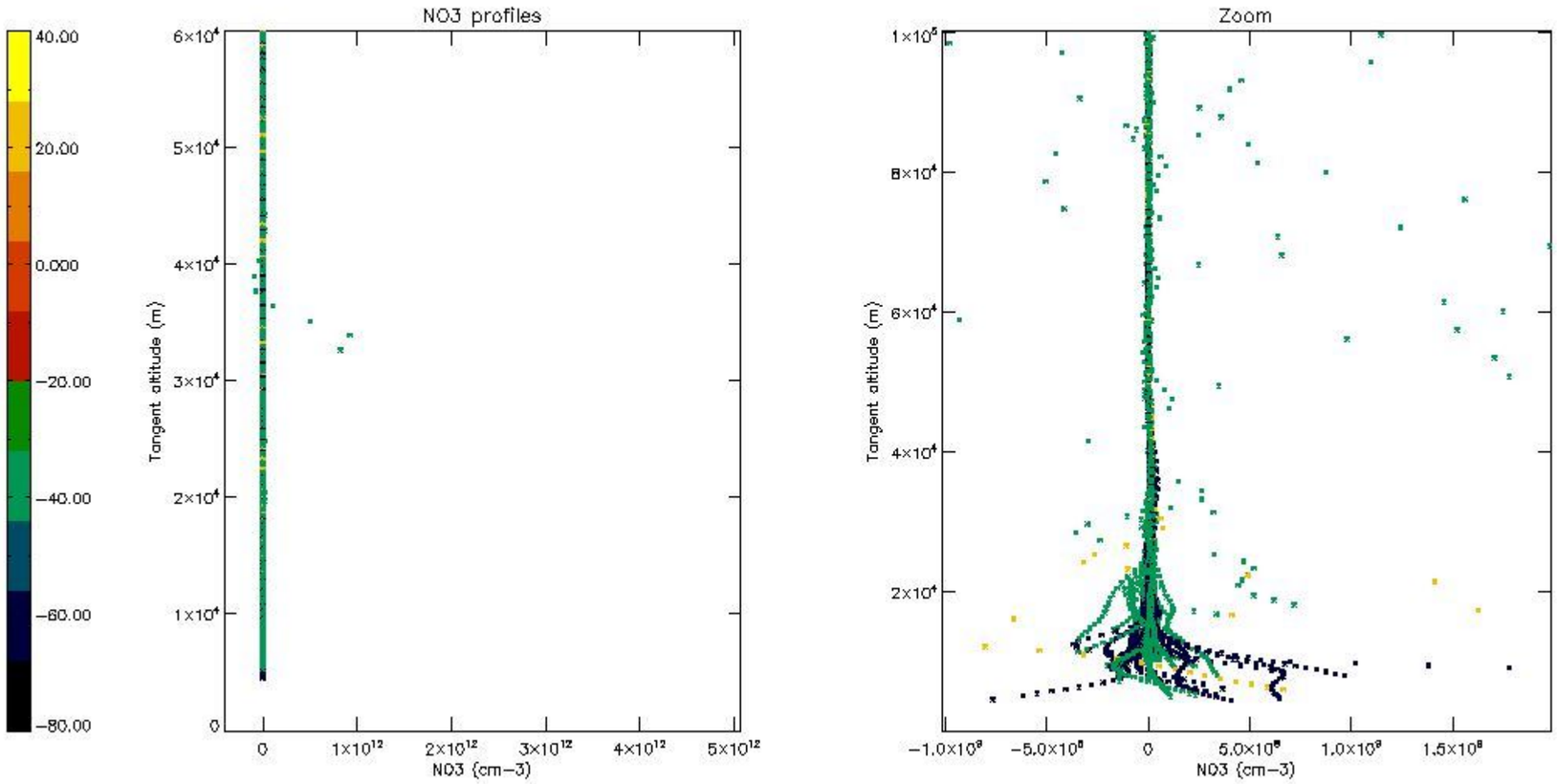
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



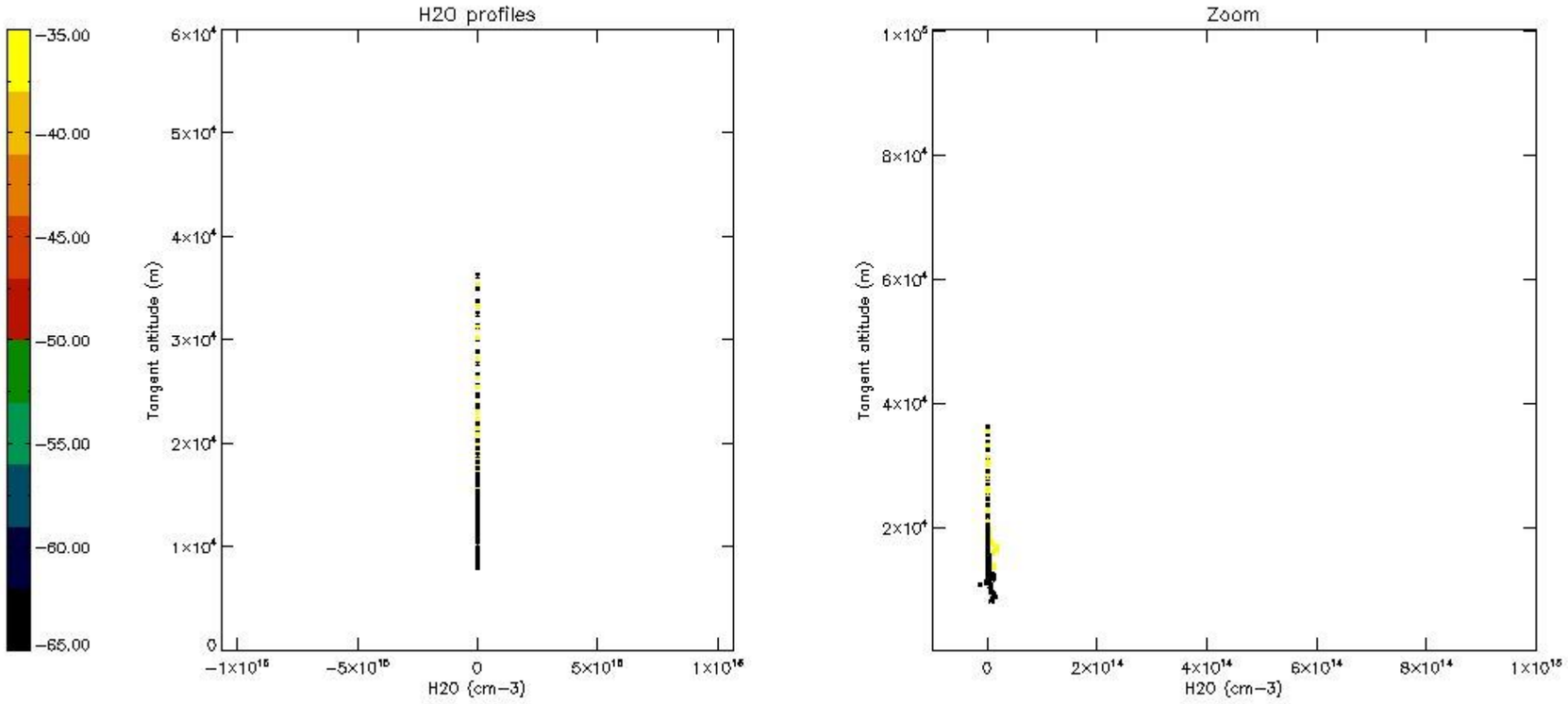
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-SEP-2011 00:03:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-SEP-2011 00:03:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-SEP-2011 00:03:13

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 17:46:14
Data source version	GOMOS/6.01
Start time of products	18-09-2011 (18SEP2011 00:00:00)
Stop time of products	19-09-2011 (19SEP2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	159
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__2PRFIN20110918_000313_000000393106_00361_49944_6548.N1	18-SEP-2011 00:03:13	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49944	No
2	GOM_NL__2PRFIN20110918_000701_000000413106_00361_49944_6549.N1	18-SEP-2011 00:07:01	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	49944	No
3	GOM_NL__2PRFIN20110918_000847_000000463106_00361_49944_6550.N1	18-SEP-2011 00:08:47	Bright	46.000	58	21Alp And	2.0730	11000.	92	49944	No
4	GOM_NL__2PRFIN20110918_001705_000000423106_00361_49944_6551.N1	18-SEP-2011 00:17:05	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	49944	No
5	GOM_NL__2PRFIN20110918_001847_000000433106_00361_49944_6552.N1	18-SEP-2011 00:18:47	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49944	No
6	GOM_NL__2PRFIN20110918_004138_000000483106_00361_49944_6553.N1	18-SEP-2011 00:41:38	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	49944	No
7	GOM_NL__2PRFIN20110918_005036_000000553106_00361_49944_6554.N1	18-SEP-2011 00:50:36	Dark	55.000	8	10Alp CMi	0.40000	6500.0	110	49944	No
8	GOM_NL__2PRFIN20110918_010005_000000673106_00361_49944_6555.N1	18-SEP-2011 01:00:05	Dark	66.500	1	9Alp CMa	-1.4400	11000.	133	49944	No
9	GOM_NL__2PRFIN20110918_010208_000000503106_00361_49944_6556.N1	18-SEP-2011 01:02:08	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	49944	No
10	GOM_NL__2PRFIN20110918_012523_000000433106_00362_49945_6567.N1	18-SEP-2011 01:25:23	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	49945	No
11	GOM_NL__2PRFIN20110918_013249_000000563106_00362_49945_6568.N1	18-SEP-2011 01:32:49	Twi_and_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	49945	No
12	GOM_NL__2PRFIN20110918_014327_000000403106_00362_49945_6569.N1	18-SEP-2011 01:43:27	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49945	No
13	GOM_NL__2PRFIN20110918_014715_000000393106_00362_49945_6570.N1	18-SEP-2011 01:47:15	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	49945	No
14	GOM_NL__2PRFIN20110918_014900_000000483106_00362_49945_6571.N1	18-SEP-2011 01:49:00	Bright	47.500	58	21Alp And	2.0730	11000.	95	49945	No
15	GOM_NL__2PRFIN20110918_015719_000000413106_00362_49945_6572.N1	18-SEP-2011 01:57:19	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49945	No
16	GOM_NL__2PRFIN20110918_015900_000000433106_00362_49945_6573.N1	18-SEP-2011 01:59:00	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	49945	No
17	GOM_NL__2PRFIN20110918_022152_000000463106_00362_49945_6574.N1	18-SEP-2011 02:21:52	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	49945	No
18	GOM_NL__2PRFIN20110918_023051_000000593106_00362_49945_6575.N1	18-SEP-2011 02:30:51	Dark	59.000	8	10Alp CMi	0.40000	6500.0	118	49945	No
19	GOM_NL__2PRFIN20110918_024020_000000593106_00362_49945_6576.N1	18-SEP-2011 02:40:20	Dark	58.500	1	9Alp CMa	-1.4400	11000.	117	49945	No
20	GOM_NL__2PRFIN20110918_024223_000000473106_00362_49945_6577.N1	18-SEP-2011 02:42:23	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	49945	No
21	GOM_NL__2PRFIN20110918_030538_000000453106_00363_49946_6578.N1	18-SEP-2011 03:05:38	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	49946	No
22	GOM_NL__2PRFIN20110918_031304_000000573106_00363_49946_6579.N1	18-SEP-2011 03:13:04	Twi_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	49946	No
23	GOM_NL__2PRFIN20110918_032341_000000403106_00363_49946_6580.N1	18-SEP-2011 03:23:41	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49946	No
24	GOM_NL__2PRFIN20110918_032729_000000563106_00363_49946_6581.N1	18-SEP-2011 03:27:29	Bright	56.000	93	53Bet Peg	2.5200	3100.0	112	49946	No
25	GOM_NL__2PRFIN20110918_032913_000000463106_00363_49946_6582.N1	18-SEP-2011 03:29:13	Bright	46.000	58	21Alp And	2.0730	11000.	92	49946	No
26	GOM_NL__2PRFIN20110918_033732_000000383106_00363_49946_6583.N1	18-SEP-2011 03:37:32	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	49946	No
27	GOM_NL__2PRFIN20110918_033914_000000523106_00363_49946_6584.N1	18-SEP-2011 03:39:14	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	49946	No
28	GOM_NL__2PRFIN20110918_040206_000000653106_00363_49946_6585.N1	18-SEP-2011 04:02:06	Bright	65.000	24	66Alp Gem	1.5800	10200.	130	49946	No
29	GOM_NL__2PRFIN20110918_041105_000000643106_00363_49946_6586.N1	18-SEP-2011 04:11:05	Dark	64.000	8	10Alp CMi	0.40000	6500.0	128	49946	No
30	GOM_NL__2PRFIN20110918_042036_000000663106_00363_49946_6587.N1	18-SEP-2011 04:20:36	Dark	65.500	1	9Alp CMa	-1.4400	11000.	131	49946	No
31	GOM_NL__2PRFIN20110918_042237_000000523106_00363_49946_6588.N1	18-SEP-2011 04:22:37	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	49946	No
32	GOM_NL__2PRFIN20110918_044552_000000483106_00364_49947_6605.N1	18-SEP-2011 04:45:52	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	49947	No
33	GOM_NL__2PRFIN20110918_045318_000000553106_00364_49947_6606.N1	18-SEP-2011 04:53:18	Twi_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	49947	No
34	GOM_NL__2PRFIN20110918_050355_000000403106_00364_49947_6607.N1	18-SEP-2011 05:03:55	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49947	No
35	GOM_NL__2PRFIN20110918_050743_000000413106_00364_49947_6608.N1	18-SEP-2011 05:07:43	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	49947	No
36	GOM_NL__2PRFIN20110918_050927_000000473106_00364_49947_6609.N1	18-SEP-2011 05:09:27	Bright	46.500	58	21Alp And	2.0730	11000.	93	49947	No
37	GOM_NL__2PRFIN20110918_051746_000000413106_00364_49947_6610.N1	18-SEP-2011 05:17:46	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49947	No
38	GOM_NL__2PRFIN20110918_051927_000000423106_00364_49947_6611.N1	18-SEP-2011 05:19:27	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	49947	No
39	GOM_NL__2PRFIN20110918_054220_000000463106_00364_49947_6612.N1	18-SEP-2011 05:42:20	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	49947	No
40	GOM_NL__2PRFIN20110918_055120_000000583106_00364_49947_6613.N1	18-SEP-2011 05:51:20	Dark	58.000	8	10Alp CMi	0.40000	6500.0	116	49947	No
41	GOM_NL__2PRFIN20110918_060051_000000623106_00364_49947_6614.N1	18-SEP-2011 06:00:51	Dark	62.000	1	9Alp CMa	-1.4400	11000.	124	49947	No
42	GOM_NL__2PRFIN20110918_060252_000000563106_00364_49947_6615.N1	18-SEP-2011 06:02:52	Dark	56.000	23	21Eps CMa	1.5020	26000.	112	49947	No

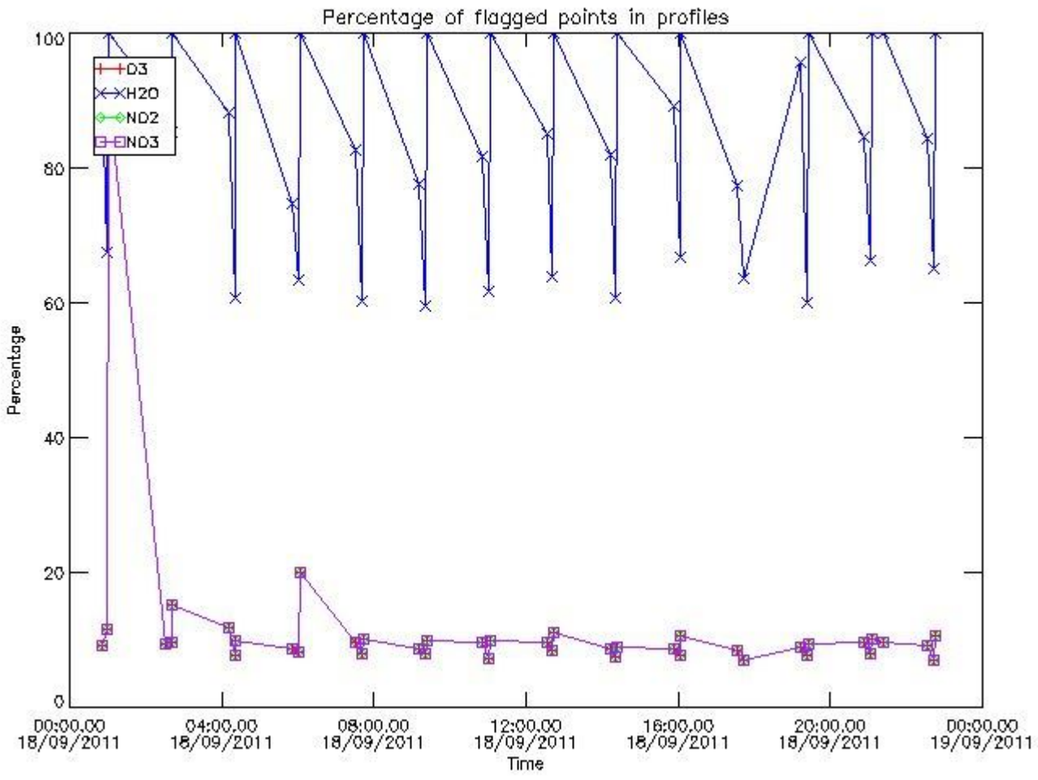
43	GOM_NL__2PRFIN20110918_062607_000000453106_00365_49948_6619.N1	18-SEP-2011 06:26:07	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	49948	No
44	GOM_NL__2PRFIN20110918_063332_000000563106_00365_49948_6620.N1	18-SEP-2011 06:33:32	Twi_and_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	49948	No
45	GOM_NL__2PRFIN20110918_064409_000000403106_00365_49948_6621.N1	18-SEP-2011 06:44:09	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49948	No
46	GOM_NL__2PRFIN20110918_064756_000000393106_00365_49948_6622.N1	18-SEP-2011 06:47:56	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	49948	No
47	GOM_NL__2PRFIN20110918_064940_000000473106_00365_49948_6623.N1	18-SEP-2011 06:49:40	Bright	46.500	58	21Alp And	2.0730	11000.	93	49948	No
48	GOM_NL__2PRFIN20110918_065759_000000413106_00365_49948_6624.N1	18-SEP-2011 06:57:59	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49948	No
49	GOM_NL__2PRFIN20110918_065941_000000433106_00365_49948_6625.N1	18-SEP-2011 06:59:41	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49948	No
50	GOM_NL__2PRFIN20110918_072234_000000453106_00365_49948_6626.N1	18-SEP-2011 07:22:34	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	49948	No
51	GOM_NL__2PRFIN20110918_073134_000000643106_00365_49948_6627.N1	18-SEP-2011 07:31:34	Dark	64.000	8	10Alp CMi	0.40000	6500.0	128	49948	No
52	GOM_NL__2PRFIN20110918_074106_000000653106_00365_49948_6628.N1	18-SEP-2011 07:41:06	Dark	64.500	1	9Alp CMa	-1.4400	11000.	129	49948	No
53	GOM_NL__2PRFIN20110918_074307_000000503106_00365_49948_6629.N1	18-SEP-2011 07:43:07	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	49948	No
54	GOM_NL__2PRFIN20110918_080621_000000433106_00366_49949_6647.N1	18-SEP-2011 08:06:21	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	49949	No
55	GOM_NL__2PRFIN20110918_081346_000000553106_00366_49949_6648.N1	18-SEP-2011 08:13:46	Twi_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	49949	No
56	GOM_NL__2PRFIN20110918_082423_000000393106_00366_49949_6649.N1	18-SEP-2011 08:24:23	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49949	No
57	GOM_NL__2PRFIN20110918_082810_000000403106_00366_49949_6650.N1	18-SEP-2011 08:28:10	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49949	No
58	GOM_NL__2PRFIN20110918_082954_000000443106_00366_49949_6651.N1	18-SEP-2011 08:29:54	Bright	43.500	58	21Alp And	2.0730	11000.	87	49949	No
59	GOM_NL__2PRFIN20110918_083813_000000403106_00366_49949_6652.N1	18-SEP-2011 08:38:13	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	49949	No
60	GOM_NL__2PRFIN20110918_083954_000000433106_00366_49949_6653.N1	18-SEP-2011 08:39:54	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49949	No
61	GOM_NL__2PRFIN20110918_090248_000000473106_00366_49949_6654.N1	18-SEP-2011 09:02:48	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	49949	No
62	GOM_NL__2PRFIN20110918_091149_000000653106_00366_49949_6655.N1	18-SEP-2011 09:11:49	Dark	65.000	8	10Alp CMi	0.40000	6500.0	130	49949	No
63	GOM_NL__2PRFIN20110918_092121_000000653106_00366_49949_6656.N1	18-SEP-2011 09:21:21	Dark	64.500	1	9Alp CMa	-1.4400	11000.	129	49949	No
64	GOM_NL__2PRFIN20110918_092322_000000513106_00366_49949_6657.N1	18-SEP-2011 09:23:22	Dark	51.000	23	21Eps CMa	1.5020	26000.	102	49949	No
65	GOM_NL__2PRFIN20110918_094635_000000433106_00367_49950_6708.N1	18-SEP-2011 09:46:35	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	49950	No
66	GOM_NL__2PRFIN20110918_095400_000000553106_00367_49950_6709.N1	18-SEP-2011 09:54:00	Twi_and_stray	54.500	52	16Bet Cet	2.0370	4500.0	109	49950	No
67	GOM_NL__2PRFIN20110918_100436_000000393106_00367_49950_6710.N1	18-SEP-2011 10:04:36	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	49950	No
68	GOM_NL__2PRFIN20110918_100824_000000403106_00367_49950_6711.N1	18-SEP-2011 10:08:24	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49950	No
69	GOM_NL__2PRFIN20110918_101007_000000463106_00367_49950_6712.N1	18-SEP-2011 10:10:07	Bright	45.500	58	21Alp And	2.0730	11000.	91	49950	No
70	GOM_NL__2PRFIN20110918_101827_000000413106_00367_49950_6713.N1	18-SEP-2011 10:18:27	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49950	No
71	GOM_NL__2PRFIN20110918_102008_000000433106_00367_49950_6714.N1	18-SEP-2011 10:20:08	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	49950	No
72	GOM_NL__2PRFIN20110918_104302_000000483106_00367_49950_6715.N1	18-SEP-2011 10:43:02	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	49950	No
73	GOM_NL__2PRFIN20110918_105203_000000633106_00367_49950_6716.N1	18-SEP-2011 10:52:03	Dark	63.000	8	10Alp CMi	0.40000	6500.0	126	49950	No
74	GOM_NL__2PRFIN20110918_110136_000000703106_00367_49950_6717.N1	18-SEP-2011 11:01:36	Dark	69.500	1	9Alp CMa	-1.4400	11000.	139	49950	No
75	GOM_NL__2PRFIN20110918_110337_000000513106_00367_49950_6718.N1	18-SEP-2011 11:03:37	Dark	51.000	23	21Eps CMa	1.5020	26000.	102	49950	No
76	GOM_NL__2PRFIN20110918_112649_000000423106_00368_49951_6738.N1	18-SEP-2011 11:26:49	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	49951	No
77	GOM_NL__2PRFIN20110918_113414_000000553106_00368_49951_6739.N1	18-SEP-2011 11:34:14	Twi_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	49951	No
78	GOM_NL__2PRFIN20110918_114450_000000393106_00368_49951_6740.N1	18-SEP-2011 11:44:50	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49951	No
79	GOM_NL__2PRFIN20110918_114838_000000403106_00368_49951_6741.N1	18-SEP-2011 11:48:38	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49951	No
80	GOM_NL__2PRFIN20110918_115020_000000453106_00368_49951_6742.N1	18-SEP-2011 11:50:20	Bright	45.000	58	21Alp And	2.0730	11000.	90	49951	No
81	GOM_NL__2PRFIN20110918_115840_000000413106_00368_49951_6743.N1	18-SEP-2011 11:58:40	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49951	No
82	GOM_NL__2PRFIN20110918_120021_000000433106_00368_49951_6744.N1	18-SEP-2011 12:00:21	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49951	No
83	GOM_NL__2PRFIN20110918_122316_000000473106_00368_49951_6745.N1	18-SEP-2011 12:23:16	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	49951	No
84	GOM_NL__2PRFIN20110918_123218_000000583106_00368_49951_6746.N1	18-SEP-2011 12:32:18	Dark	57.500	8	10Alp CMi	0.40000	6500.0	115	49951	No
85	GOM_NL__2PRFIN20110918_124151_000000603106_00368_49951_6747.N1	18-SEP-2011 12:41:51	Dark	60.000	1	9Alp CMa	-1.4400	11000.	120	49951	No
86	GOM_NL__2PRFIN20110918_124352_000000463106_00368_49951_6748.N1	18-SEP-2011 12:43:52	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	49951	No
87	GOM_NL__2PRFIN20110918_130704_000000423106_00369_49952_6765.N1	18-SEP-2011 13:07:04	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	49952	No
88	GOM_NL__2PRFIN20110918_131428_000000573106_00369_49952_6766.N1	18-SEP-2011 13:14:28	Twi_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	49952	No
89	GOM_NL__2PRFIN20110918_132504_000000393106_00369_49952_6767.N1	18-SEP-2011 13:25:04	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49952	No
90	GOM_NL__2PRFIN20110918_132851_000000403106_00369_49952_6768.N1	18-SEP-2011 13:28:51	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49952	No
91	GOM_NL__2PRFIN20110918_133034_000000473106_00369_49952_6769.N1	18-SEP-2011 13:30:34	Bright	46.500	58	21Alp And	2.0730	11000.	93	49952	No
92	GOM_NL__2PRFIN20110918_133854_000000403106_00369_49952_6770.N1	18-SEP-2011 13:38:54	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	49952	No
93	GOM_NL__2PRFIN20110918_134034_000000423106_00369_49952_6771.N1	18-SEP-2011 13:40:34	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	49952	No
94	GOM_NL__2PRFIN20110918_140330_000000473106_00369_49952_6772.N1	18-SEP-2011 14:03:30	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	49952	No
95	GOM_NL__2PRFIN20110918_141233_000000593106_00369_49952_6773.N1	18-SEP-2011 14:12:33	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	49952	No
96	GOM_NL__2PRFIN20110918_142206_000000693106_00369_49952_6774.N1	18-SEP-2011 14:22:06	Dark	69.000	1	9Alp CMa	-1.4400	11000.	138	49952	No
97	GOM_NL__2PRFIN20110918_142407_000000583106_00369_49952_6775.N1	18-SEP-2011 14:24:07	Dark	57.500	23	21Eps CMa	1.5020	26000.	115	49952	No
98	GOM_NL__2PRFIN20110918_144718_000000503106_00370_49953_6796.N1	18-SEP-2011 14:47:18	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	49953	No
99	GOM_NL__2PRFIN20110918_145443_000000563106_00370_49953_6797.N1	18-SEP-2011 14:54:43	Twi_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	49953	No
100	GOM_NL__2PRFIN20110918_150518_000000383106_00370_49953_6798.N1	18-SEP-2011 15:05:18	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	49953	No
101	GOM_NL__2PRFIN20110918_150905_000000403106_00370_49953_6799.N1	18-SEP-2011 15:09:05	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49953	No

102	GOM_NL__2PRFIN20110918_151047_000000443106_00370_49953_6800.N1	18-SEP-2011 15:10:47	Bright	43.500	58	21Alp And	2.0730	11000.	87	49953	No
103	GOM_NL__2PRFIN20110918_151907_000000413106_00370_49953_6801.N1	18-SEP-2011 15:19:07	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	49953	No
104	GOM_NL__2PRFIN20110918_152048_000000433106_00370_49953_6802.N1	18-SEP-2011 15:20:48	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	49953	No
105	GOM_NL__2PRFIN20110918_154345_000000453106_00370_49953_6803.N1	18-SEP-2011 15:43:45	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	49953	No
106	GOM_NL__2PRFIN20110918_155247_000000653106_00370_49953_6804.N1	18-SEP-2011 15:52:47	Dark	64.500	8	10Alp CMi	0.40000	6500.0	129	49953	No
107	GOM_NL__2PRFIN20110918_160222_000000673106_00370_49953_6805.N1	18-SEP-2011 16:02:22	Dark	66.500	1	9Alp CMa	-1.4400	11000.	133	49953	No
108	GOM_NL__2PRFIN20110918_160422_000000483106_00370_49953_6806.N1	18-SEP-2011 16:04:22	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	49953	No
109	GOM_NL__2PRFIN20110918_162732_000000493106_00371_49954_6834.N1	18-SEP-2011 16:27:32	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49954	No
110	GOM_NL__2PRFIN20110918_163457_000000543106_00371_49954_6835.N1	18-SEP-2011 16:34:57	Twi_and_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	49954	No
111	GOM_NL__2PRFIN20110918_164532_000000403106_00371_49954_6836.N1	18-SEP-2011 16:45:32	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49954	No
112	GOM_NL__2PRFIN20110918_164919_000000383106_00371_49954_6837.N1	18-SEP-2011 16:49:19	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	49954	No
113	GOM_NL__2PRFIN20110918_165101_000000443106_00371_49954_6838.N1	18-SEP-2011 16:51:01	Bright	44.000	58	21Alp And	2.0730	11000.	88	49954	No
114	GOM_NL__2PRFIN20110918_165921_000000413106_00371_49954_6839.N1	18-SEP-2011 16:59:21	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49954	No
115	GOM_NL__2PRFIN20110918_170101_000000403106_00371_49954_6840.N1	18-SEP-2011 17:01:01	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	49954	No
116	GOM_NL__2PRFIN20110918_172359_000000483106_00371_49954_6841.N1	18-SEP-2011 17:23:59	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	49954	No
117	GOM_NL__2PRFIN20110918_173302_000000603106_00371_49954_6842.N1	18-SEP-2011 17:33:02	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	49954	No
118	GOM_NL__2PRFIN20110918_174237_000000743106_00371_49954_6843.N1	18-SEP-2011 17:42:37	Dark	73.500	1	9Alp CMa	-1.4400	11000.	147	49954	No
119	GOM_NL__2PRFIN20110918_180747_000000433106_00372_49955_6881.N1	18-SEP-2011 18:07:47	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	49955	No
120	GOM_NL__2PRFIN20110918_181511_000000573106_00372_49955_6882.N1	18-SEP-2011 18:15:11	Twi_and_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	49955	No
121	GOM_NL__2PRFIN20110918_182546_000000403106_00372_49955_6883.N1	18-SEP-2011 18:25:46	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	49955	No
122	GOM_NL__2PRFIN20110918_182933_000000403106_00372_49955_6884.N1	18-SEP-2011 18:29:33	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	49955	No
123	GOM_NL__2PRFIN20110918_183114_000000473106_00372_49955_6885.N1	18-SEP-2011 18:31:14	Bright	46.500	58	21Alp And	2.0730	11000.	93	49955	No
124	GOM_NL__2PRFIN20110918_183934_000000413106_00372_49955_6886.N1	18-SEP-2011 18:39:34	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	49955	No
125	GOM_NL__2PRFIN20110918_184115_000000433106_00372_49955_6887.N1	18-SEP-2011 18:41:15	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	49955	No
126	GOM_NL__2PRFIN20110918_190413_000000473106_00372_49955_6888.N1	18-SEP-2011 19:04:13	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	49955	No
127	GOM_NL__2PRFIN20110918_191317_000000583106_00372_49955_6889.N1	18-SEP-2011 19:13:17	Dark	57.500	8	10Alp CMi	0.40000	6500.0	115	49955	No
128	GOM_NL__2PRFIN20110918_192252_000000663106_00372_49955_6890.N1	18-SEP-2011 19:22:52	Dark	65.500	1	9Alp CMa	-1.4400	11000.	131	49955	No
129	GOM_NL__2PRFIN20110918_192451_000000543106_00372_49955_6891.N1	18-SEP-2011 19:24:51	Dark	54.000	23	21Eps CMa	1.5020	26000.	108	49955	No
130	GOM_NL__2PRFIN20110918_194801_000000493106_00373_49956_6888.N1	18-SEP-2011 19:48:01	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	49956	No
131	GOM_NL__2PRFIN20110918_195525_000000553106_00373_49956_6889.N1	18-SEP-2011 19:55:25	Twi_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	49956	No
132	GOM_NL__2PRFIN20110918_200600_000000393106_00373_49956_6890.N1	18-SEP-2011 20:06:00	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	49956	No
133	GOM_NL__2PRFIN20110918_200947_000000393106_00373_49956_6891.N1	18-SEP-2011 20:09:47	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	49956	No
134	GOM_NL__2PRFIN20110918_201128_000000463106_00373_49956_6892.N1	18-SEP-2011 20:11:28	Bright	45.500	58	21Alp And	2.0730	11000.	91	49956	No
135	GOM_NL__2PRFIN20110918_201948_000000413106_00373_49956_6893.N1	18-SEP-2011 20:19:48	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49956	No
136	GOM_NL__2PRFIN20110918_202128_000000433106_00373_49956_6894.N1	18-SEP-2011 20:21:28	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	49956	No
137	GOM_NL__2PRFIN20110918_204427_000000593106_00373_49956_6895.N1	18-SEP-2011 20:44:27	Bright	58.500	24	66Alp Gem	1.5800	10200.	117	49956	No
138	GOM_NL__2PRFIN20110918_205331_000000593106_00373_49956_6896.N1	18-SEP-2011 20:53:31	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	49956	No
139	GOM_NL__2PRFIN20110918_210307_000000643106_00373_49956_6897.N1	18-SEP-2011 21:03:07	Dark	64.000	1	9Alp CMa	-1.4400	11000.	128	49956	No
140	GOM_NL__2PRFIN20110918_210506_000000503106_00373_49956_6898.N1	18-SEP-2011 21:05:06	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	49956	No
141	GOM_NL__2PRFIN20110918_212238_000000533106_00374_49957_6932.N1	18-SEP-2011 21:22:38	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49957	No
142	GOM_NL__2PRFIN20110918_212816_000000453106_00374_49957_6933.N1	18-SEP-2011 21:28:16	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	49957	No
143	GOM_NL__2PRFIN20110918_213539_000000563106_00374_49957_6934.N1	18-SEP-2011 21:35:39	Twi_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	49957	No
144	GOM_NL__2PRFIN20110918_214613_000000393106_00374_49957_6935.N1	18-SEP-2011 21:46:13	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	49957	No
145	GOM_NL__2PRFIN20110918_215000_000000393106_00374_49957_6936.N1	18-SEP-2011 21:50:00	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	49957	No
146	GOM_NL__2PRFIN20110918_215141_000000433106_00374_49957_6937.N1	18-SEP-2011 21:51:41	Bright	42.500	58	21Alp And	2.0730	11000.	85	49957	No
147	GOM_NL__2PRFIN20110918_220002_000000403106_00374_49957_6938.N1	18-SEP-2011 22:00:02	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	49957	No
148	GOM_NL__2PRFIN20110918_220142_000000423106_00374_49957_6939.N1	18-SEP-2011 22:01:42	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	49957	No
149	GOM_NL__2PRFIN20110918_222441_000000483106_00374_49957_6940.N1	18-SEP-2011 22:24:41	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	49957	No
150	GOM_NL__2PRFIN20110918_223346_000000673106_00374_49957_6941.N1	18-SEP-2011 22:33:46	Dark	66.500	8	10Alp CMi	0.40000	6500.0	133	49957	No
151	GOM_NL__2PRFIN20110918_224322_000000743106_00374_49957_6942.N1	18-SEP-2011 22:43:22	Dark	73.500	1	9Alp CMa	-1.4400	11000.	147	49957	No
152	GOM_NL__2PRFIN20110918_224521_000000493106_00374_49957_6943.N1	18-SEP-2011 22:45:21	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	49957	No
153	GOM_NL__2PRFIN20110918_230830_000000433106_00375_49958_6945.N1	18-SEP-2011 23:08:30	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	49958	No
154	GOM_NL__2PRFIN20110918_231553_000000563106_00375_49958_6946.N1	18-SEP-2011 23:15:53	Twi_and_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	49958	No
155	GOM_NL__2PRFIN20110918_232627_000000393106_00375_49958_6947.N1	18-SEP-2011 23:26:27	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	49958	No
156	GOM_NL__2PRFIN20110918_233014_000000413106_00375_49958_6948.N1	18-SEP-2011 23:30:14	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	49958	No
157	GOM_NL__2PRFIN20110918_233154_000000453106_00375_49958_6949.N1	18-SEP-2011 23:31:54	Bright	44.500	58	21Alp And	2.0730	11000.	89	49958	No
158	GOM_NL__2PRFIN20110918_234015_000000413106_00375_49958_6950.N1	18-SEP-2011 23:40:15	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	49958	No
159	GOM_NL__2PRFIN20110918_234155_000000403106_00375_49958_6951.N1	18-SEP-2011 23:41:55	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	49958	No

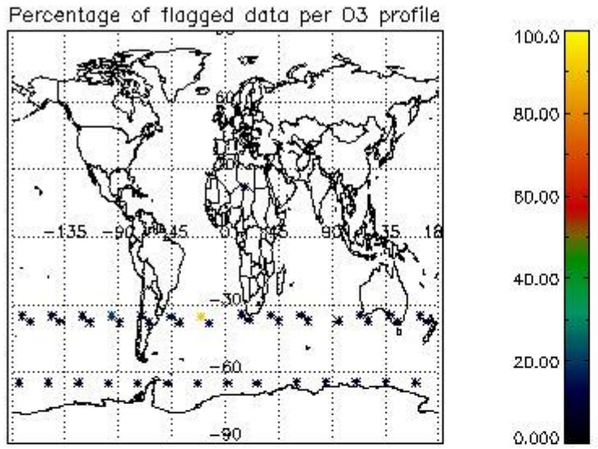
3. Quality information per product

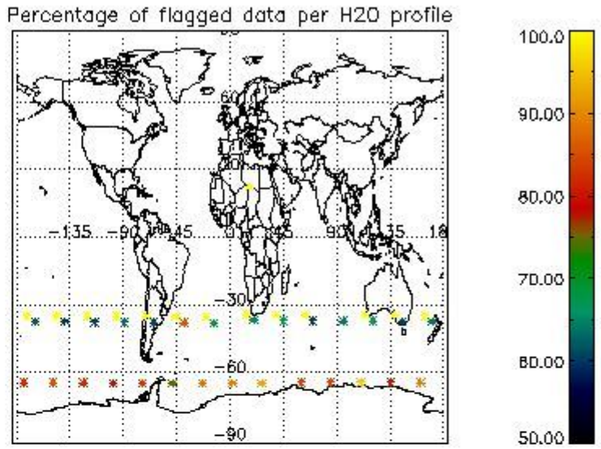
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

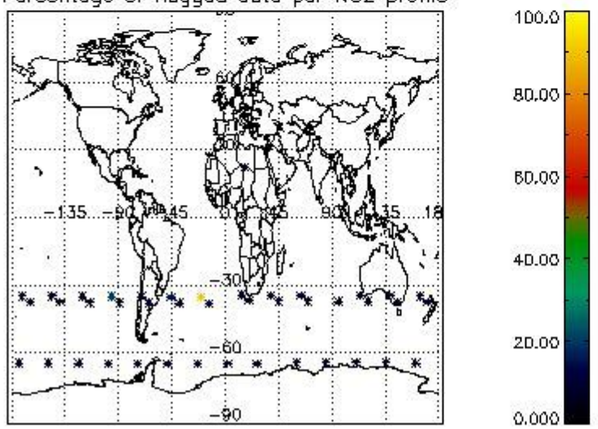
3.1 Plot quality information per product (time dependant)

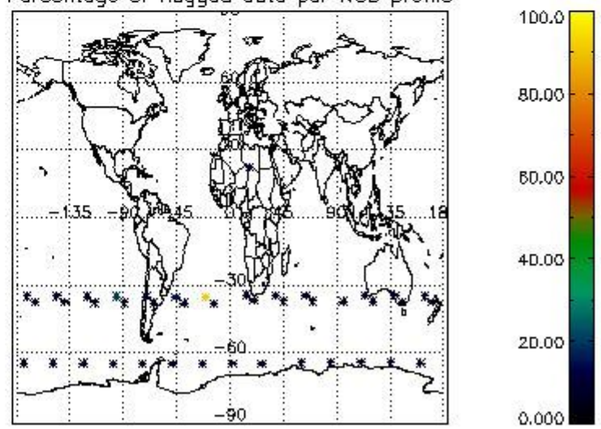


3.2 Plot quality information per product (world map)







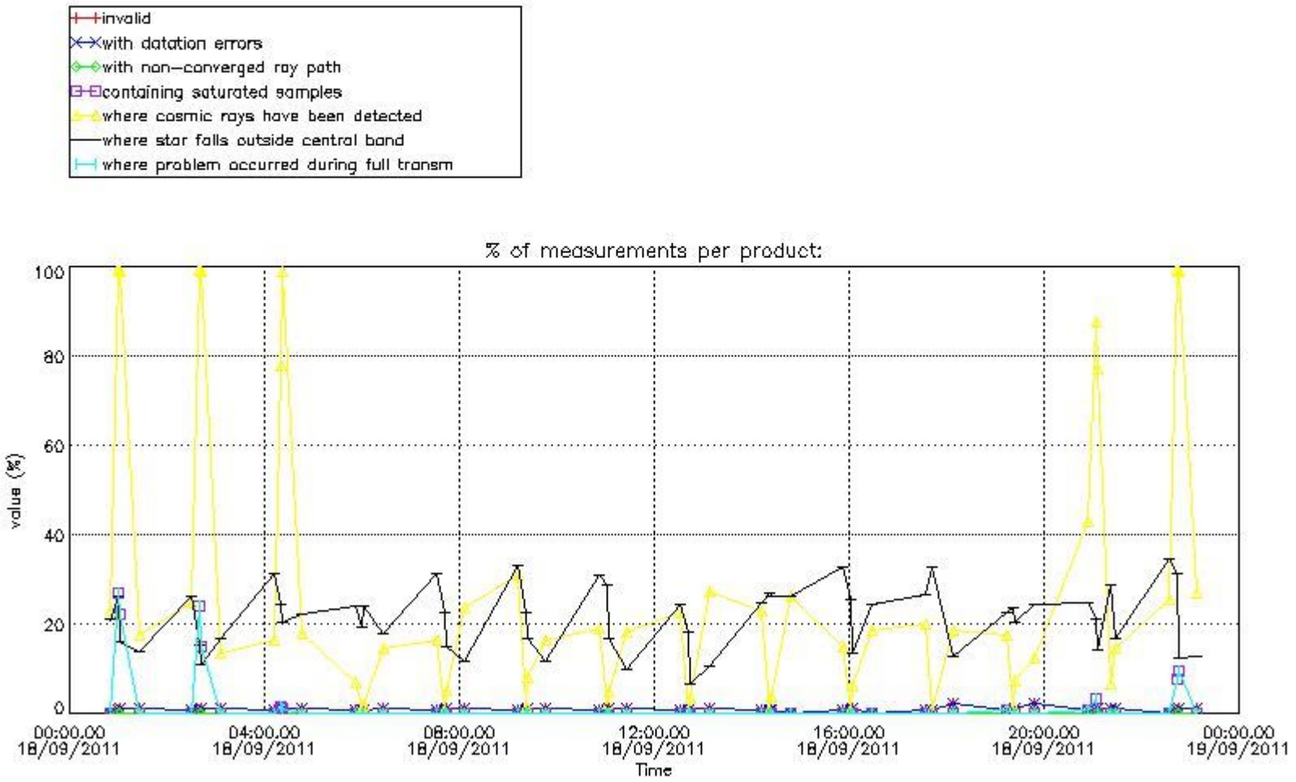


4. Level 1 quality information per product

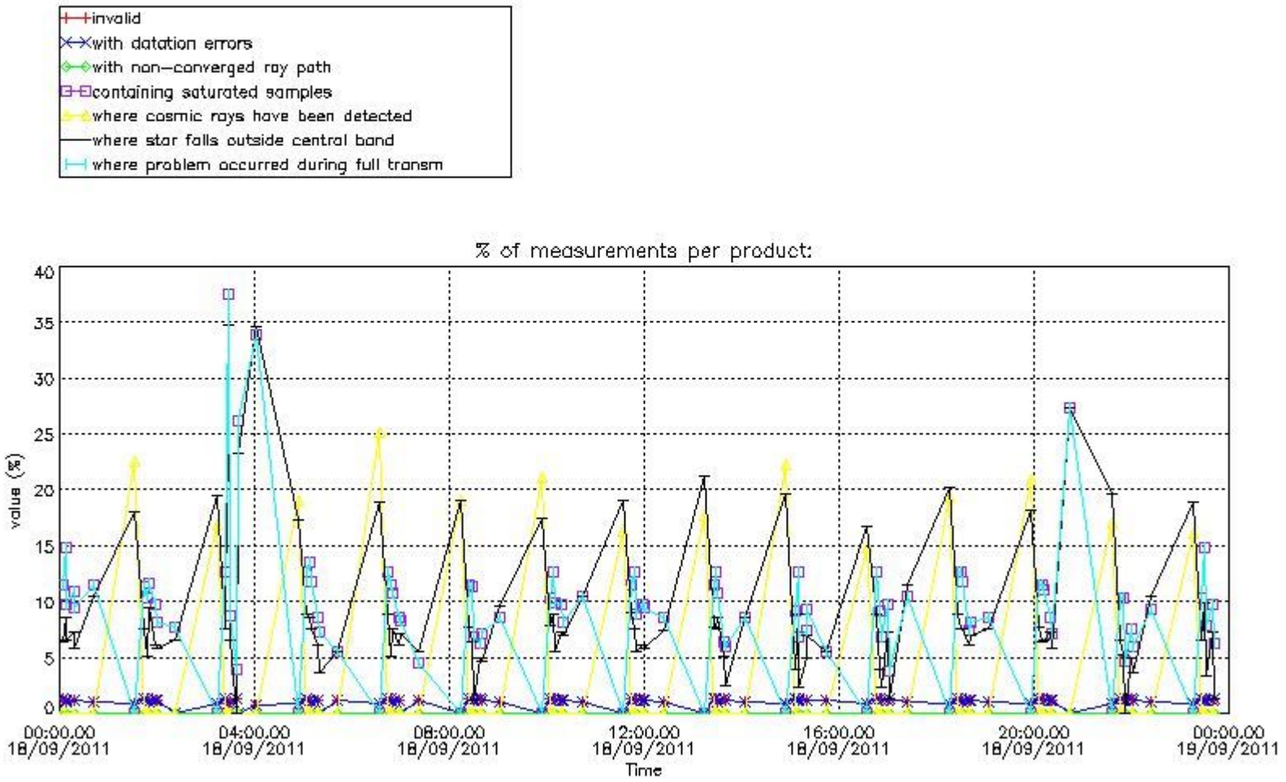
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

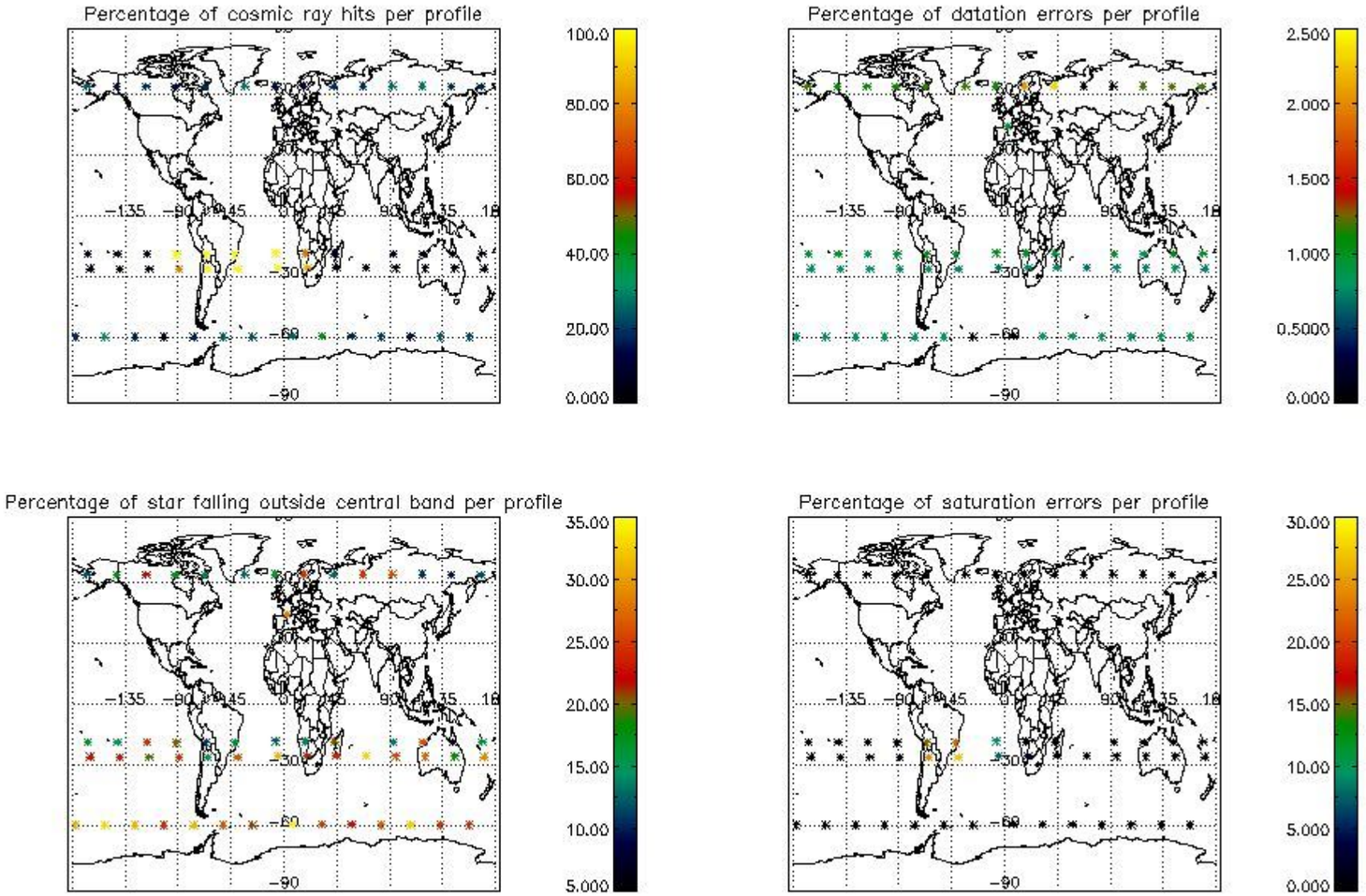


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

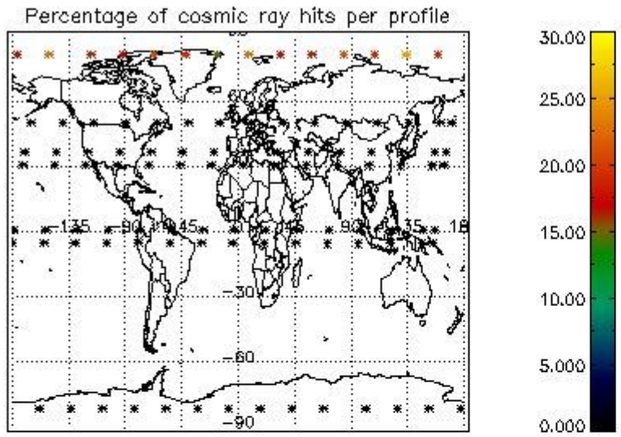


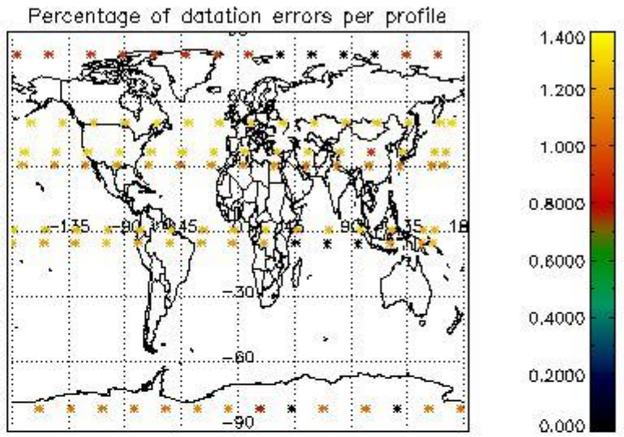
4.2 Plot quality information per product comming from level 1b processing (world map)

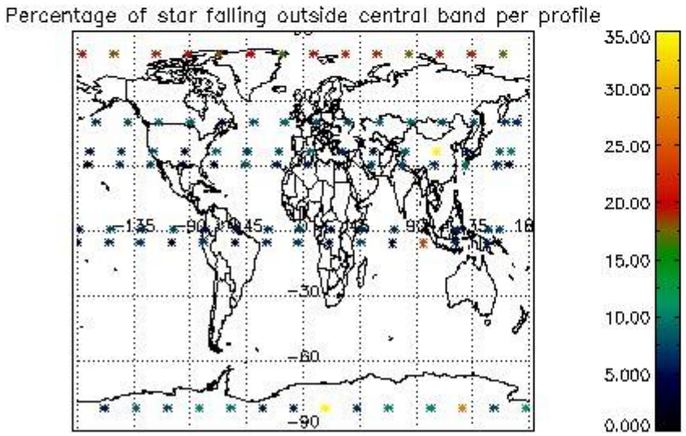
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

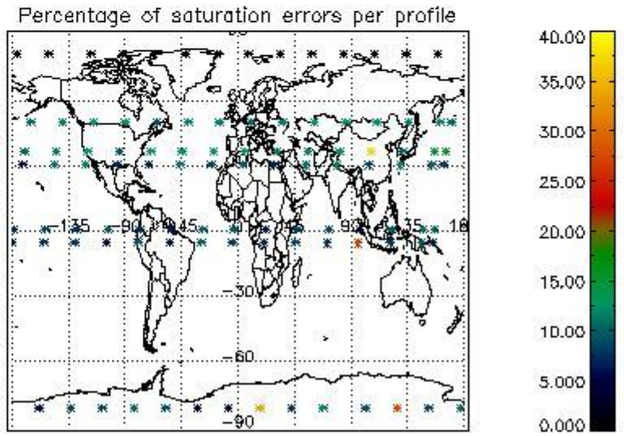


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes









5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

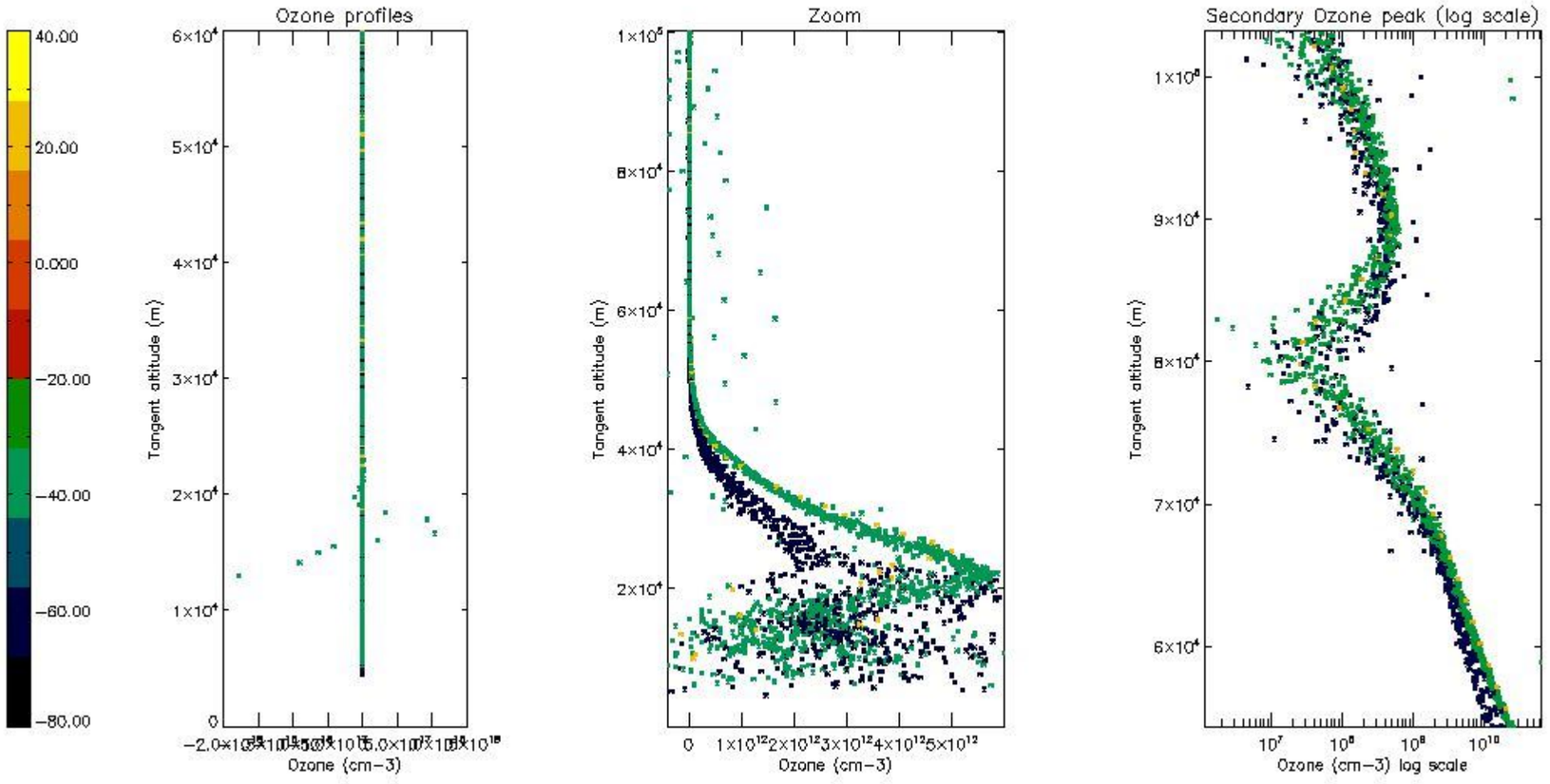
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	22

STD < 10	19
STD < 5	16

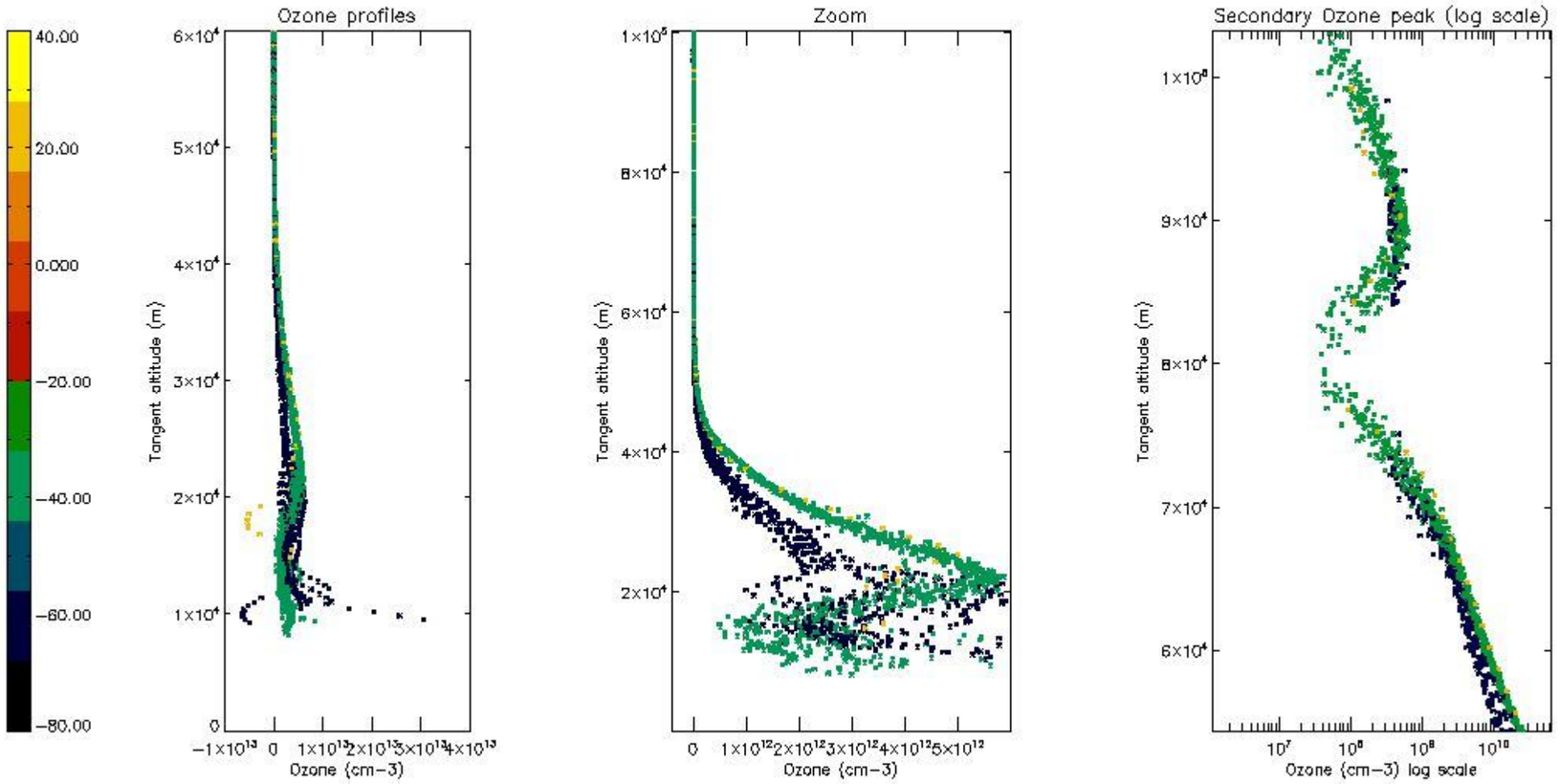
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



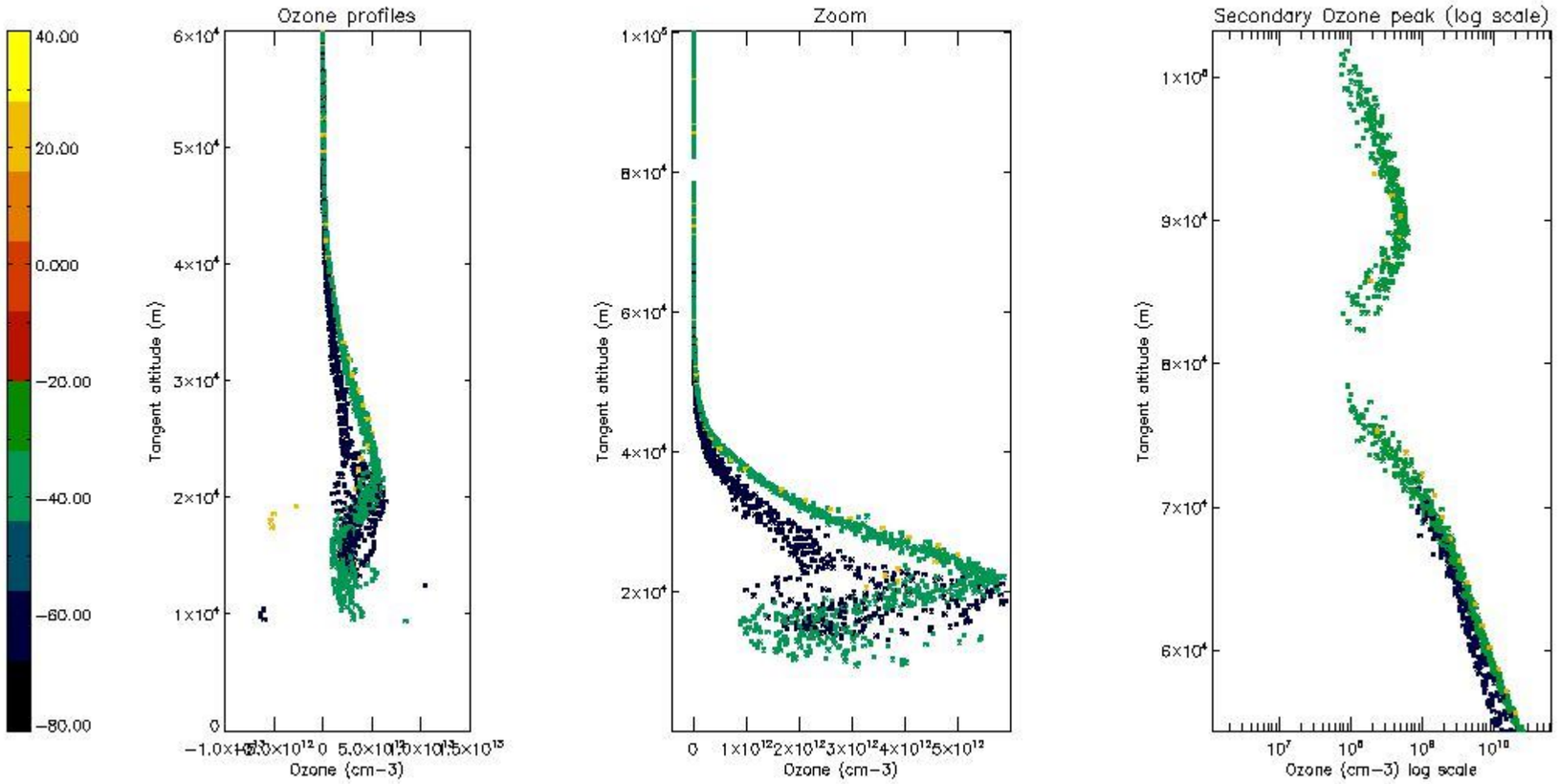
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



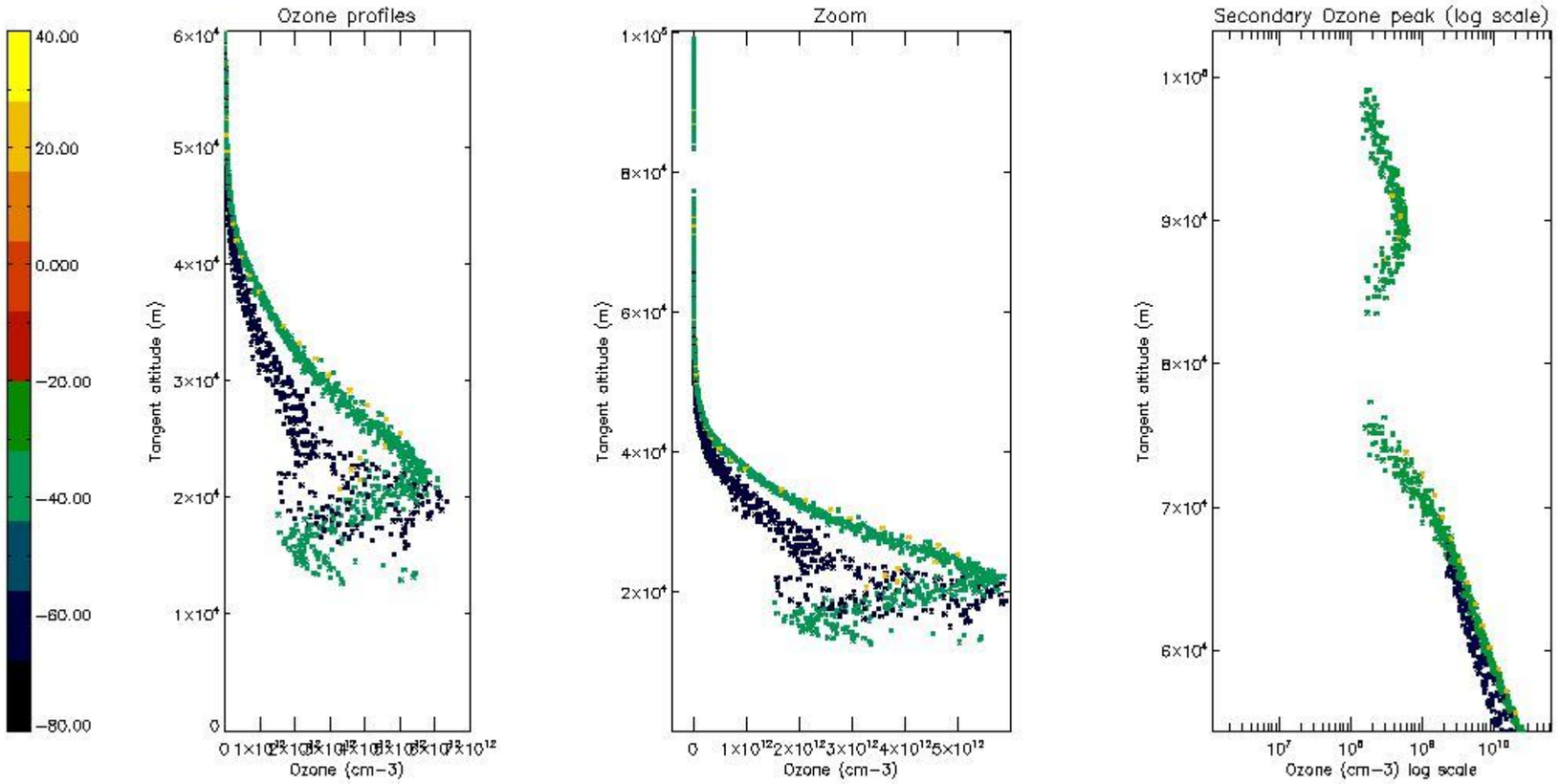
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



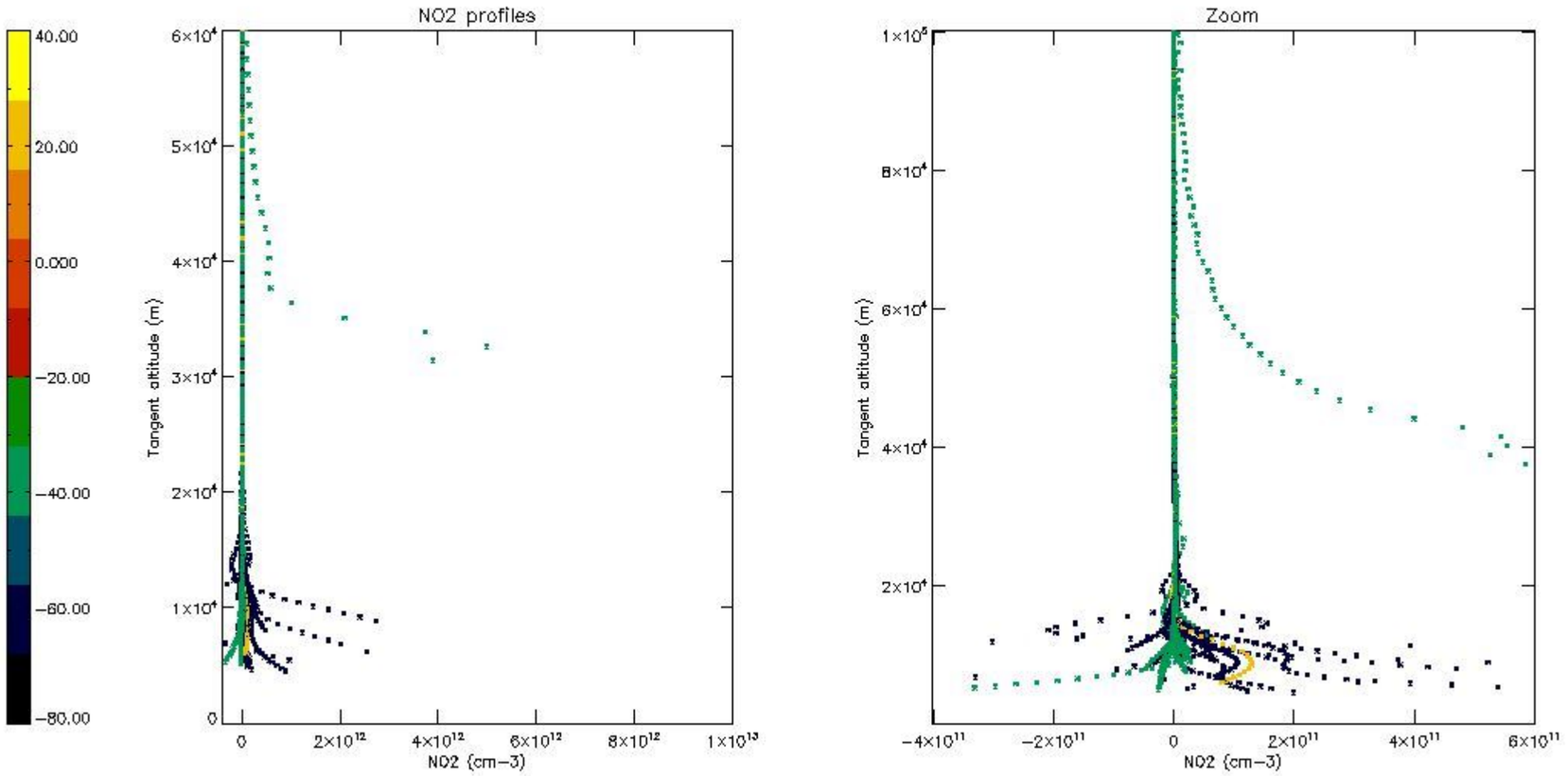
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



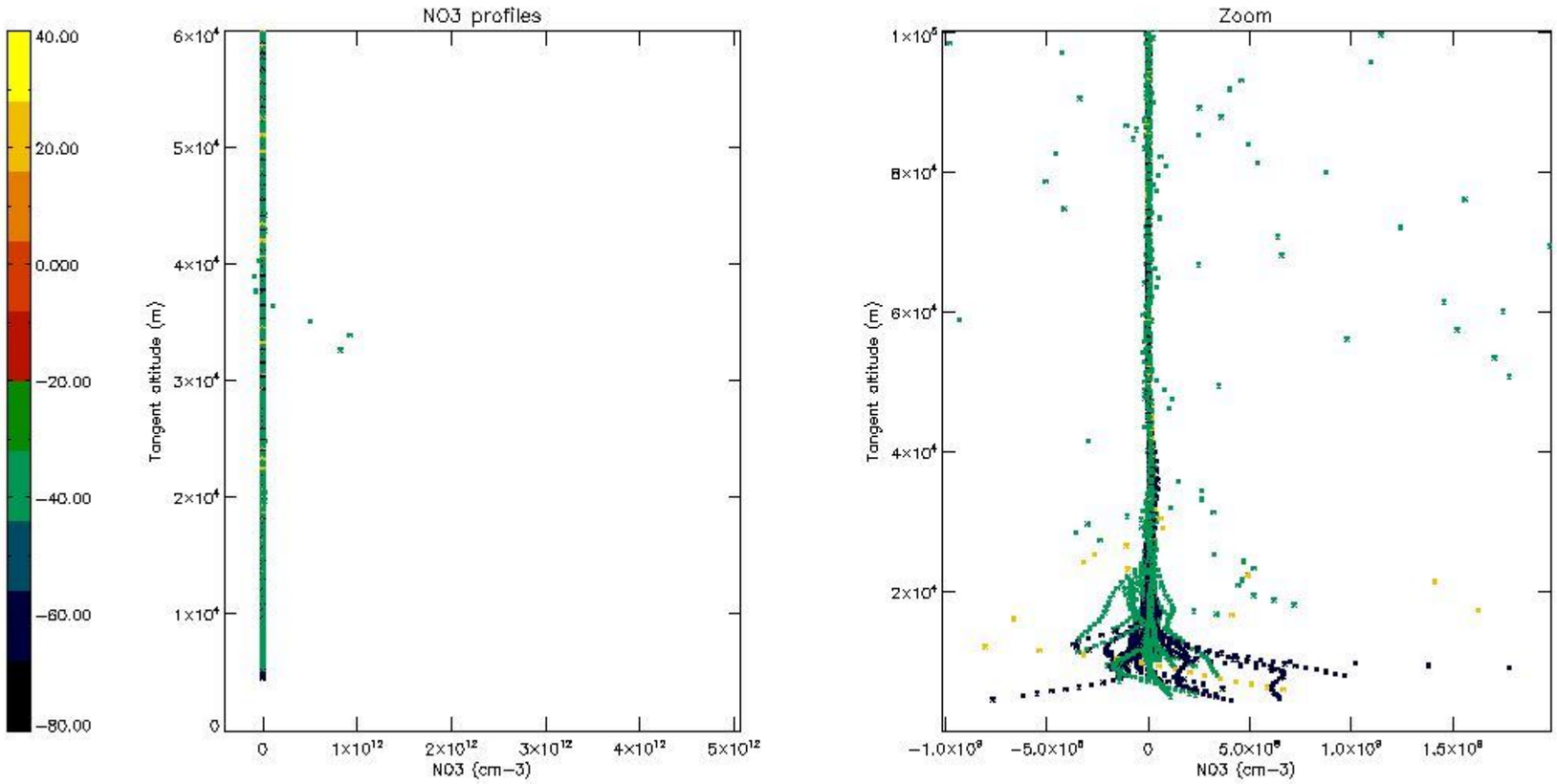
5.6 Plot NO2 profiles for all STD (dark without errors)

The colorbar represents the latitude.



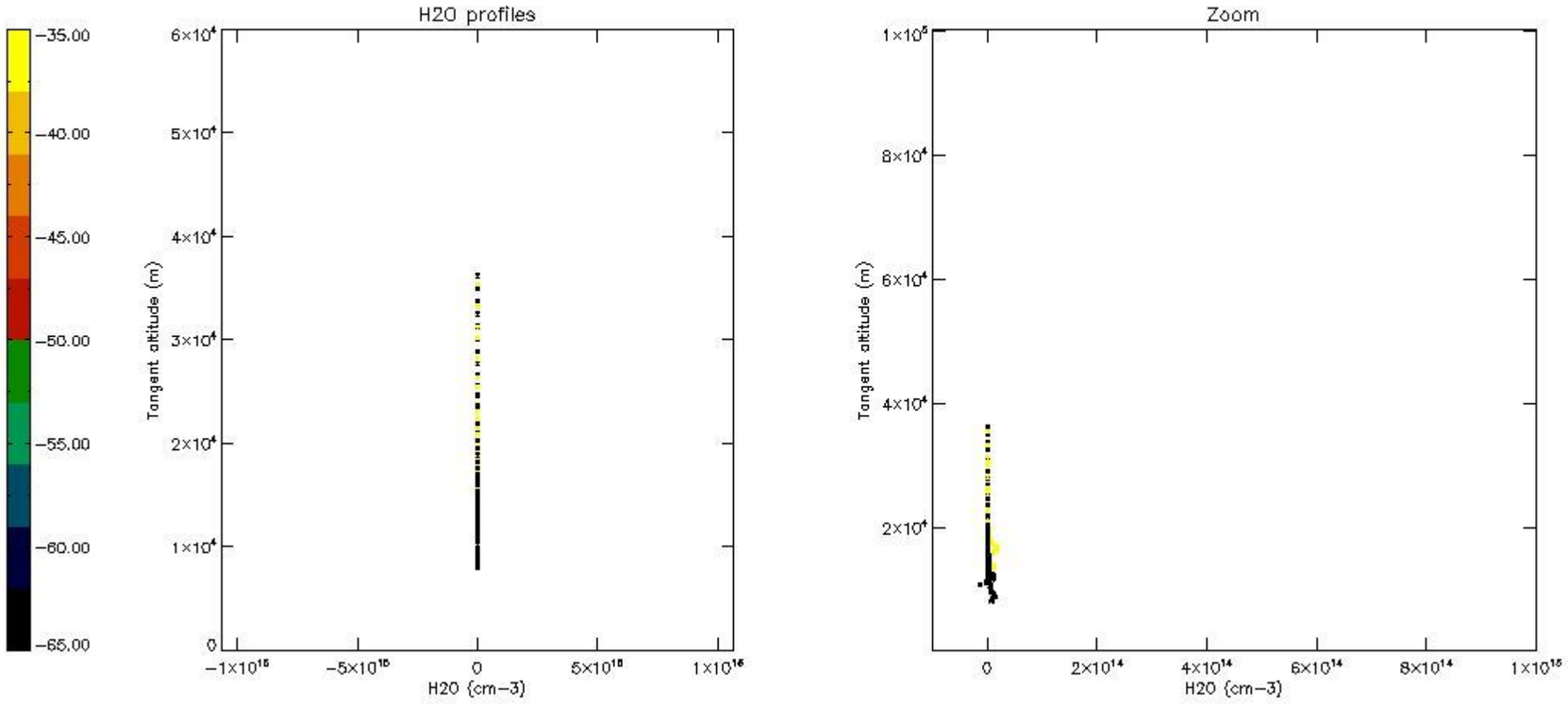
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

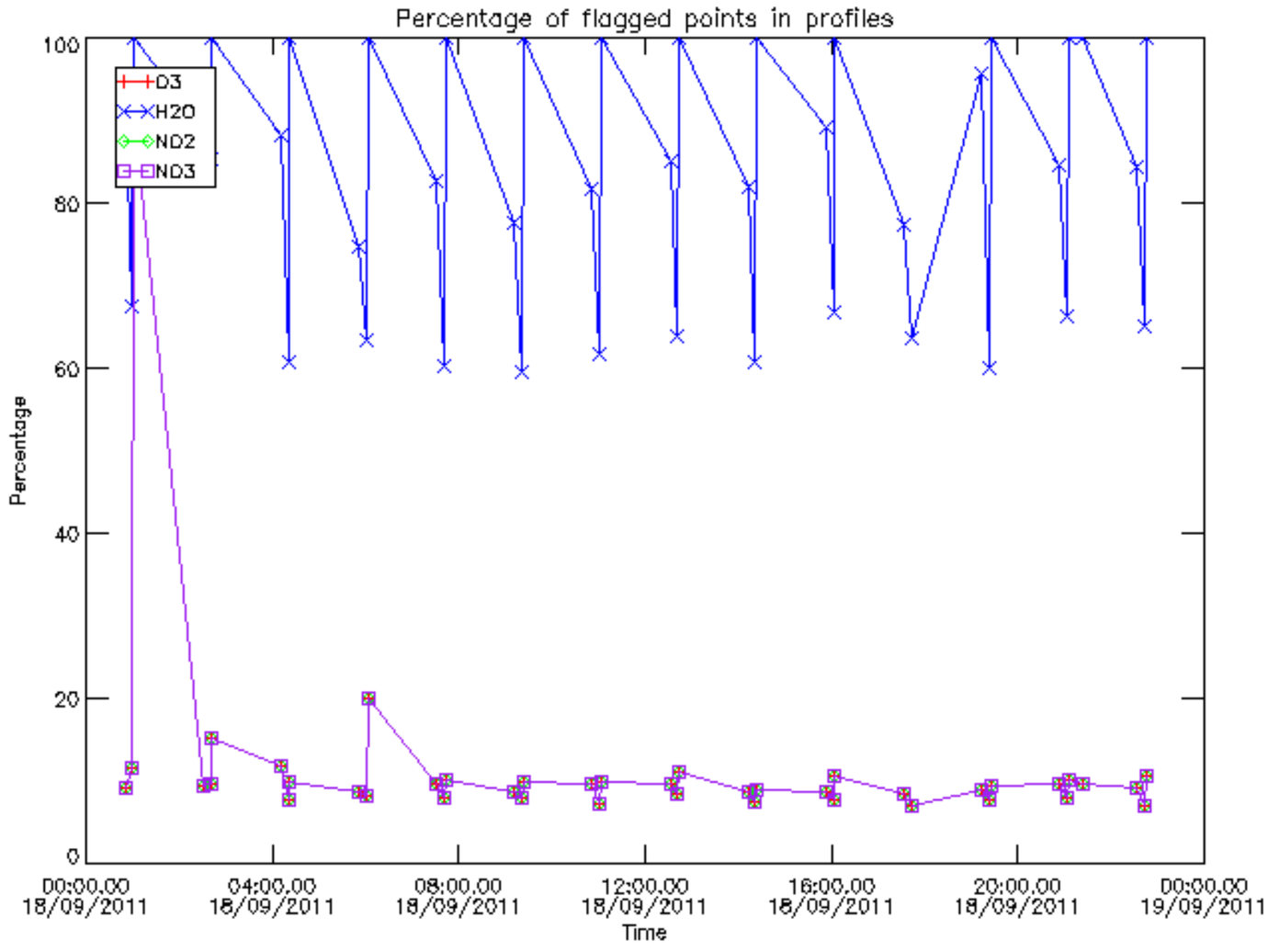
The colorbar represents the latitude.



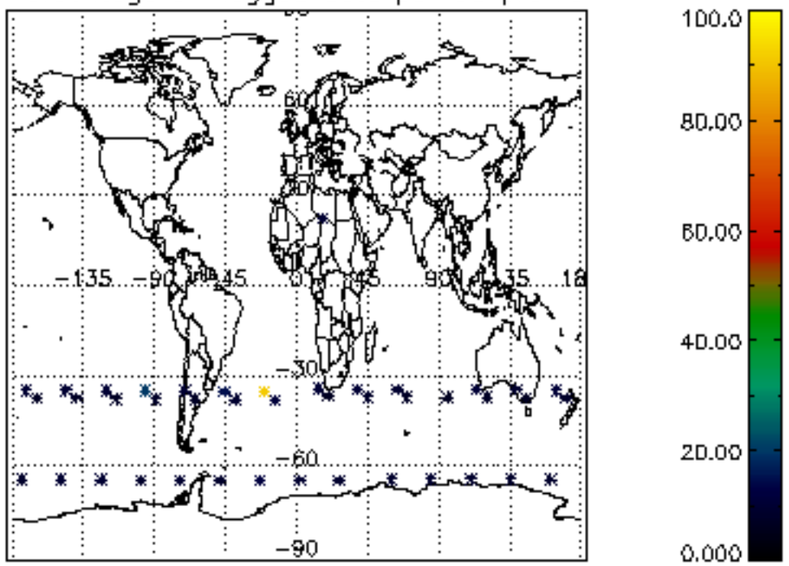
6. Auxiliary Data Files used for the production reported in section 2

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

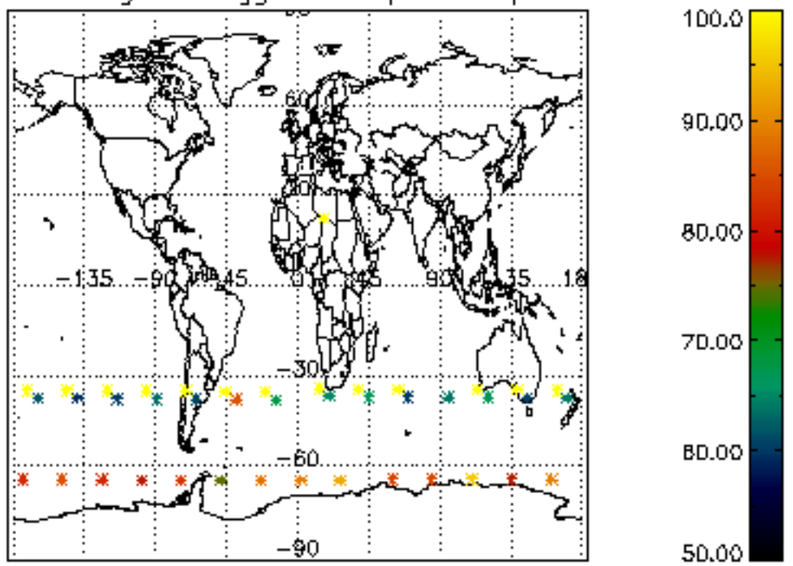
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-SEP-2011 00:03:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-SEP-2011 00:03:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-SEP-2011 00:03:13


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
18/09/2011
04:00.00
18/09/2011
08:00.00
18/09/2011
12:00.00
18/09/2011
16:00.00
18/09/2011
20:00.00
18/09/2011
00:00.00
19/09/2011
Time

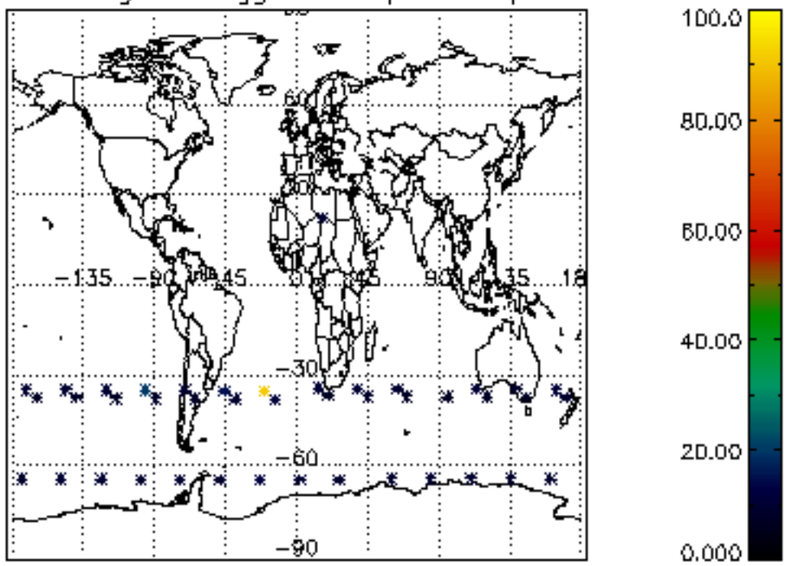
Percentage of flagged data per O3 profile



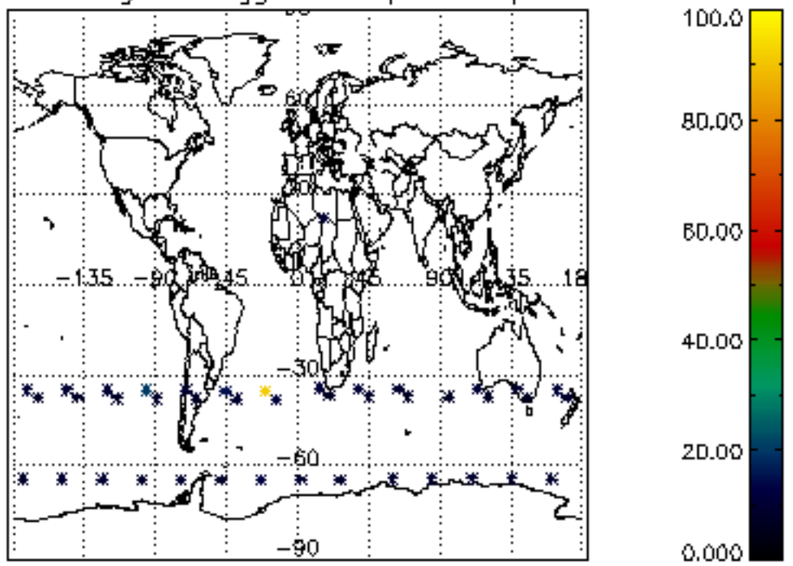
Percentage of flagged data per H2O profile

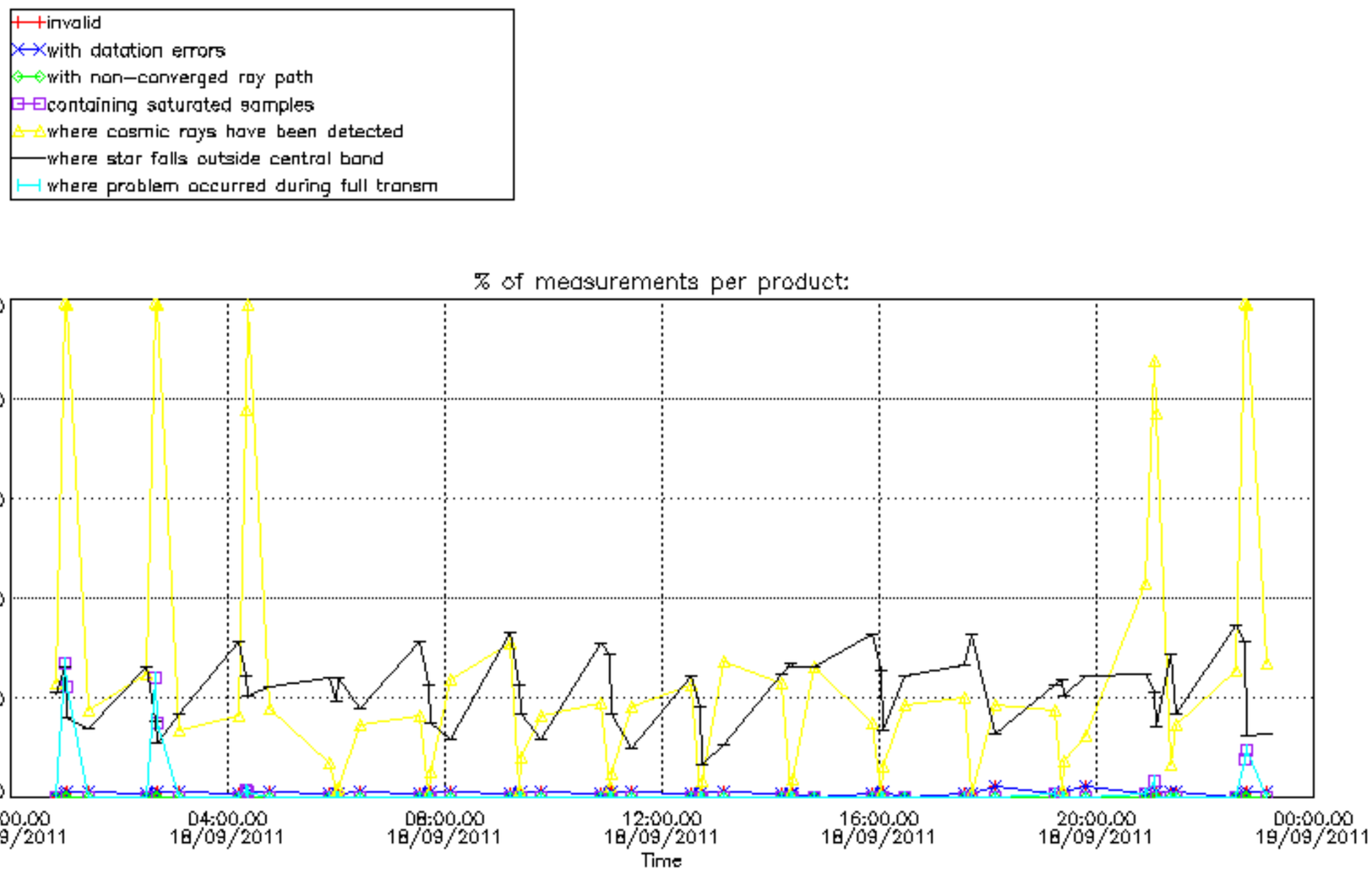


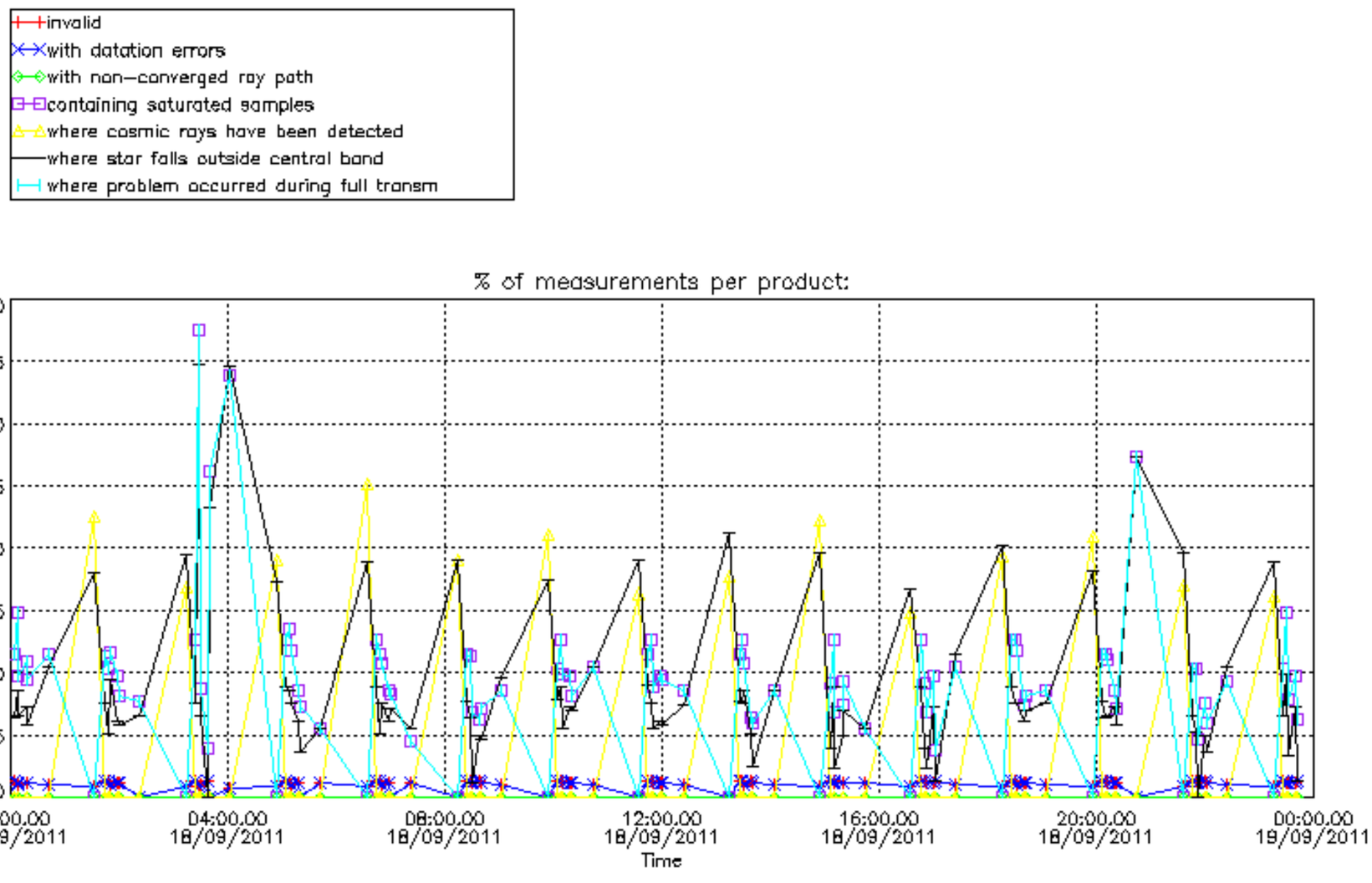
Percentage of flagged data per NO2 profile

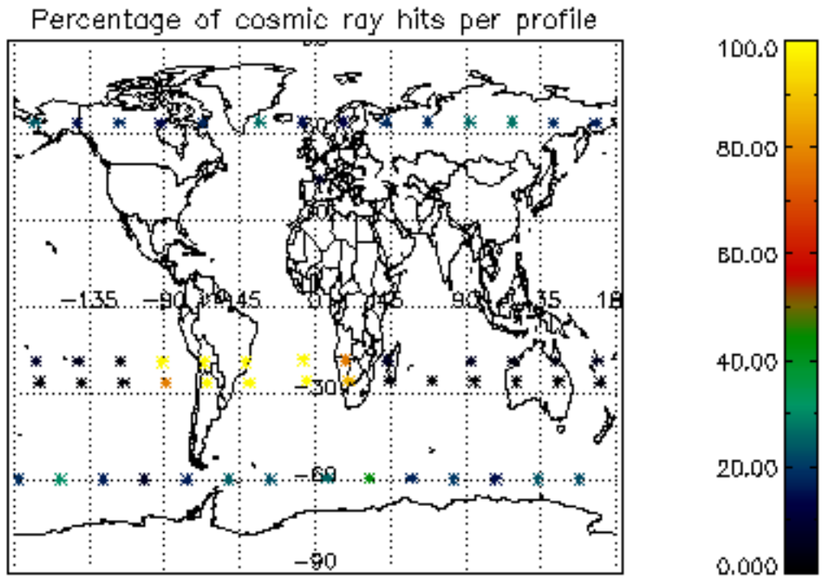


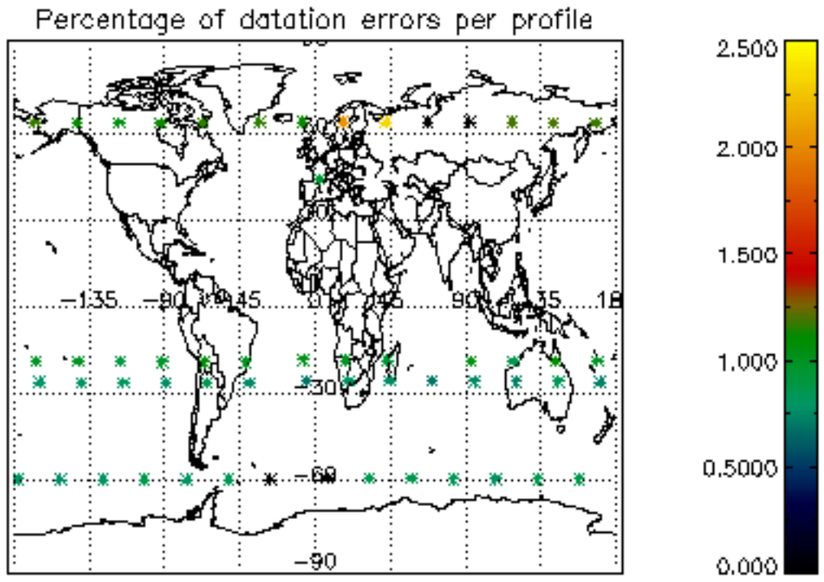
Percentage of flagged data per NO3 profile

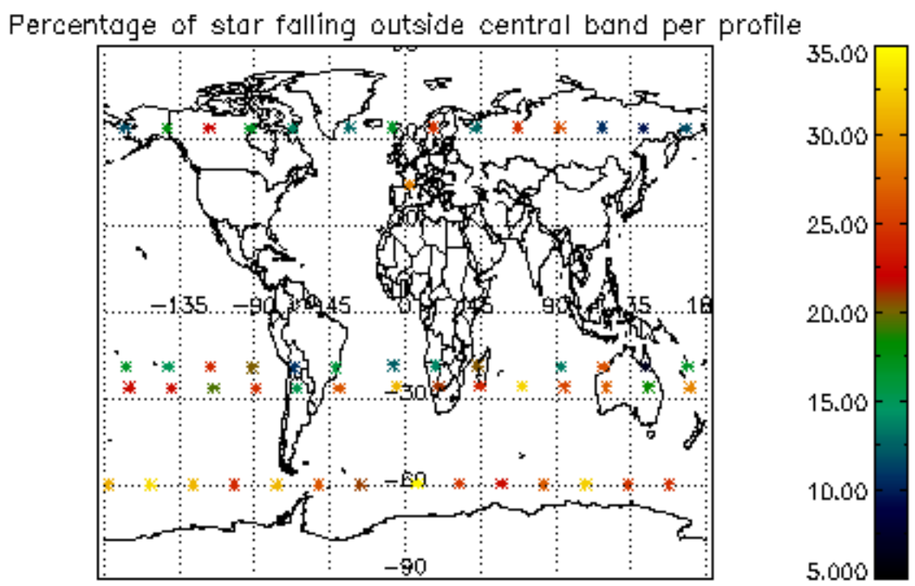


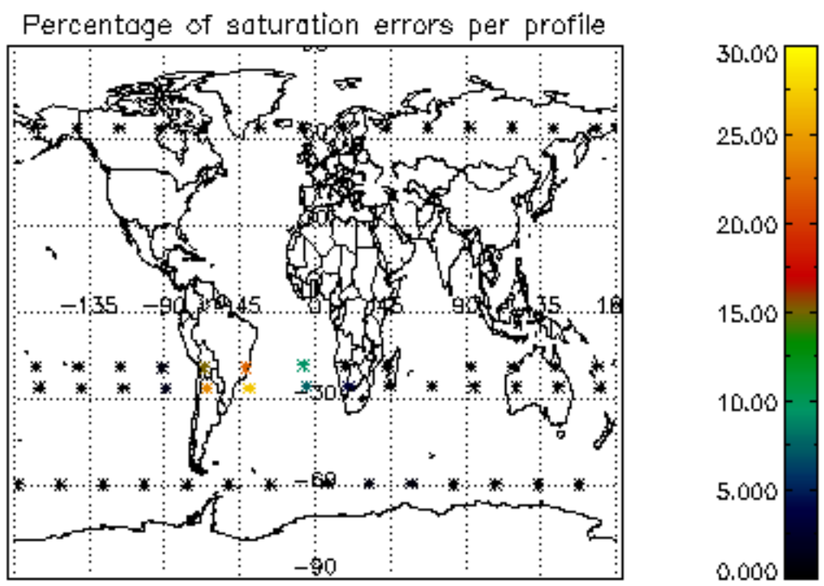

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00 18/09/2011
04:00.00 18/09/2011
08:00.00 18/09/2011
12:00.00 18/09/2011
16:00.00 18/09/2011
20:00.00 18/09/2011
00:00.00 19/09/2011
Time

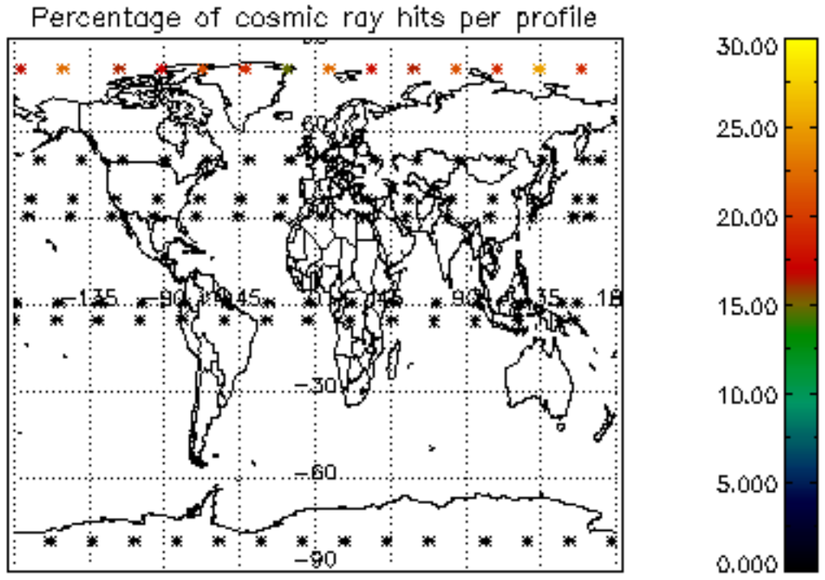

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
40
35
30
25
20
15
10
5
0
value (%)
00:00.00 18/09/2011
04:00.00 18/09/2011
08:00.00 18/09/2011
12:00.00 18/09/2011
16:00.00 18/09/2011
20:00.00 18/09/2011
00:00.00 19/09/2011
Time

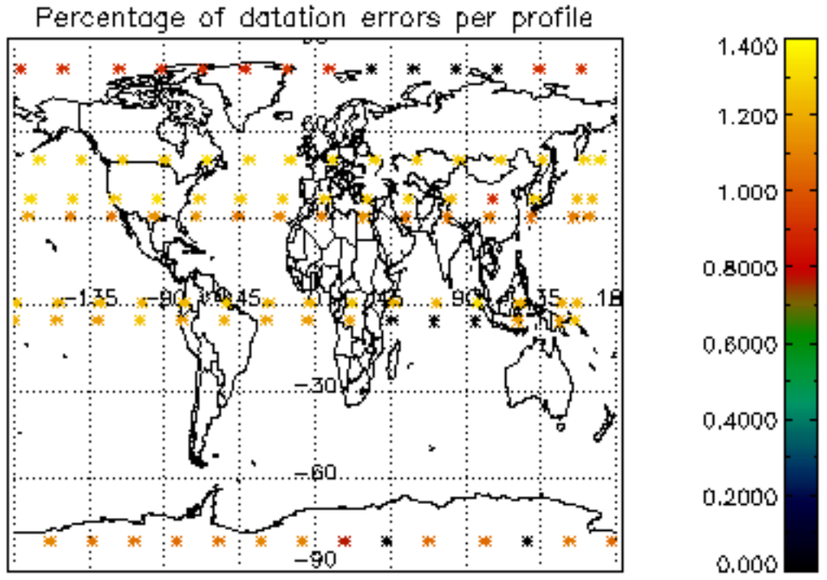

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

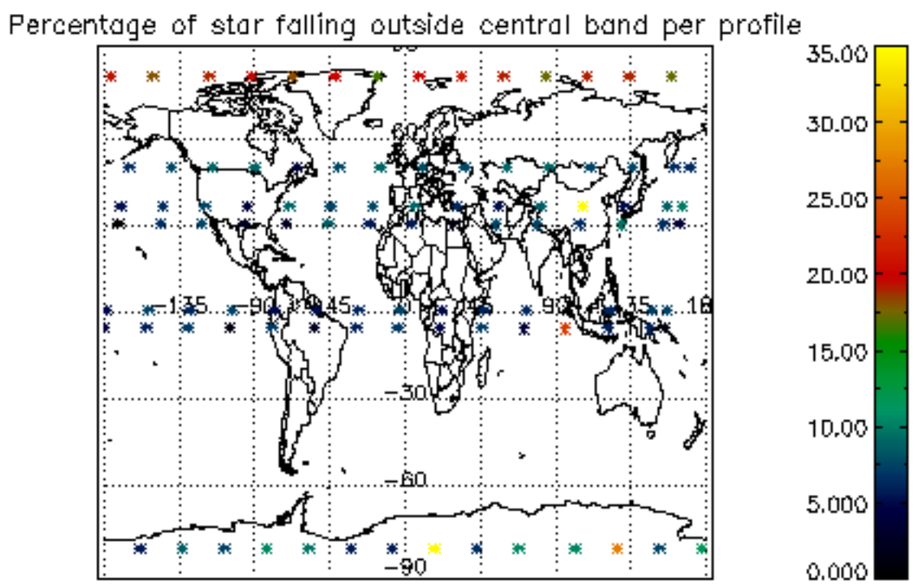

Percentage of datation errors per profile
2.500
2.000
1.500
1.000
0.5000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

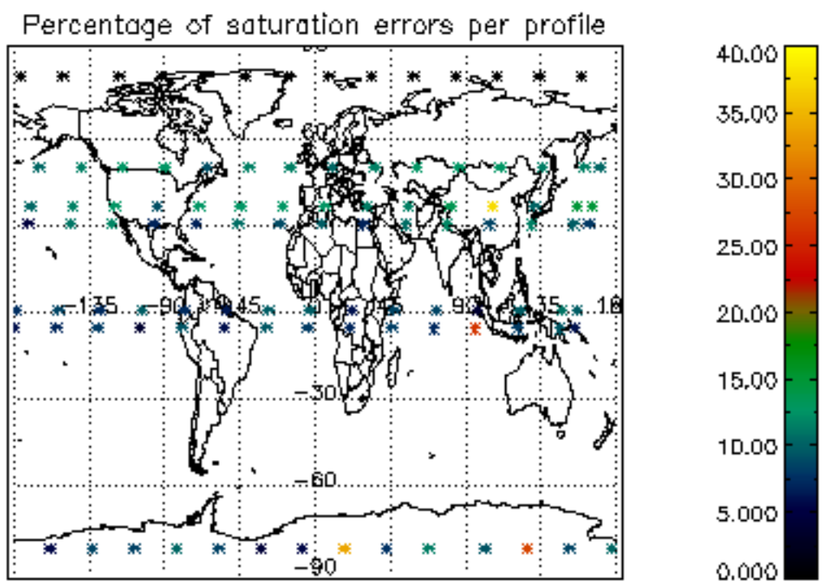

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

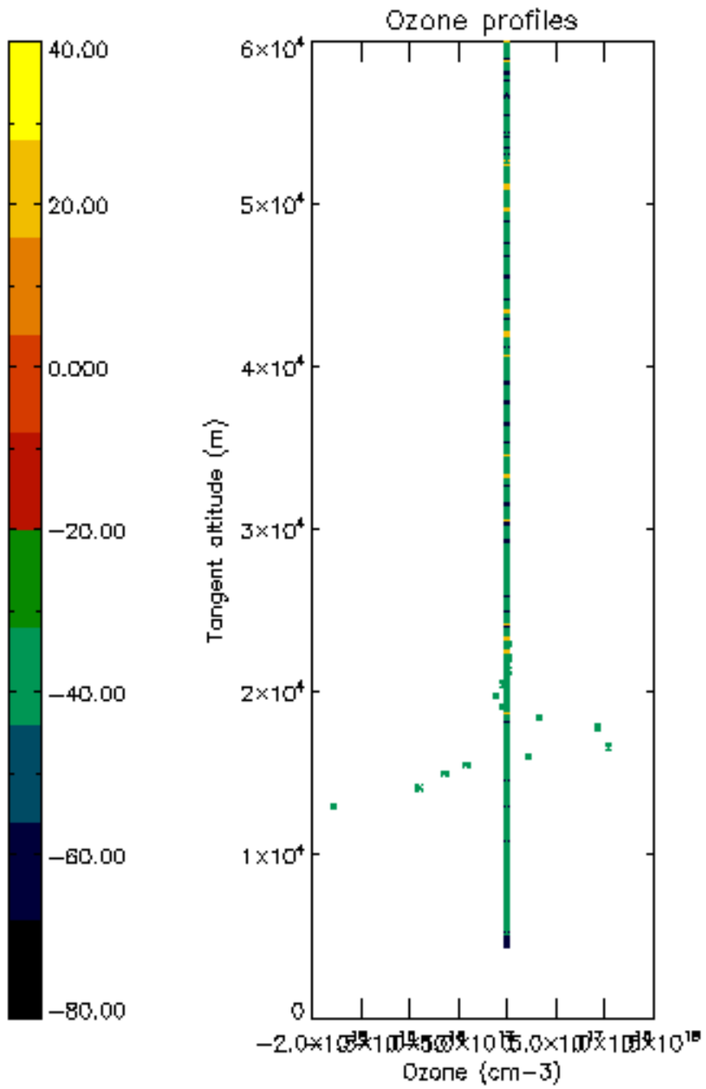

Percentage of saturation errors per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

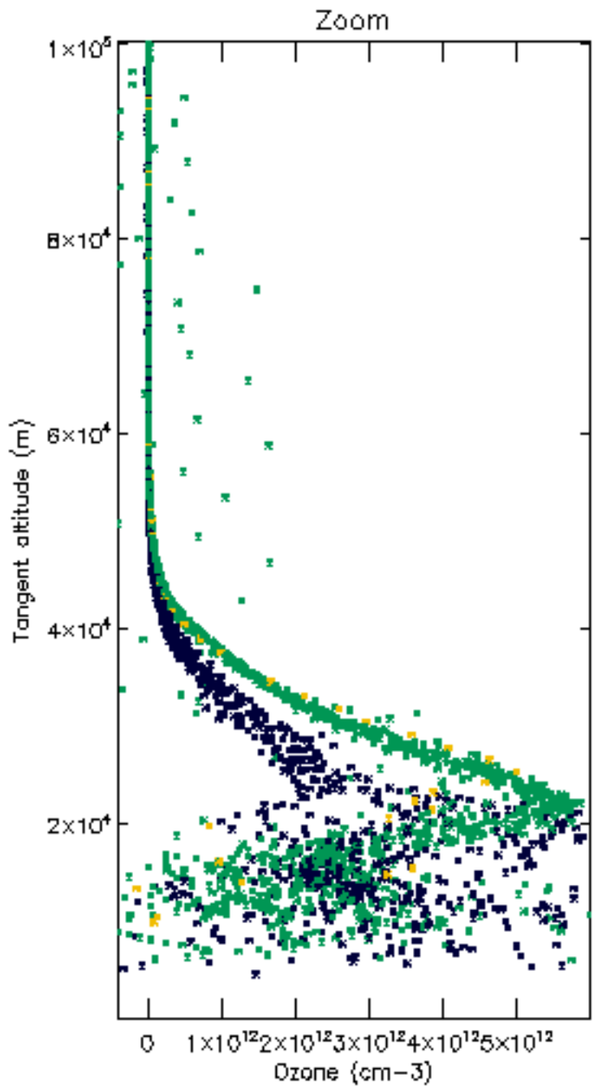

Percentage of cosmic ray hits per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-135
-90
-45
-30
-60
-90

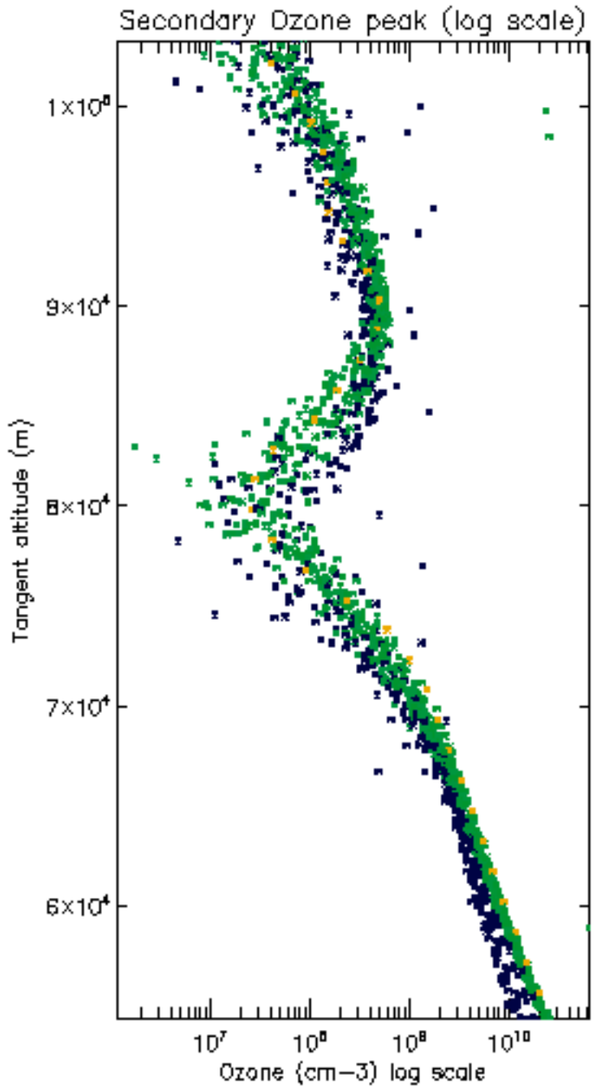

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
-135
-90
-45
-30
-60
-90

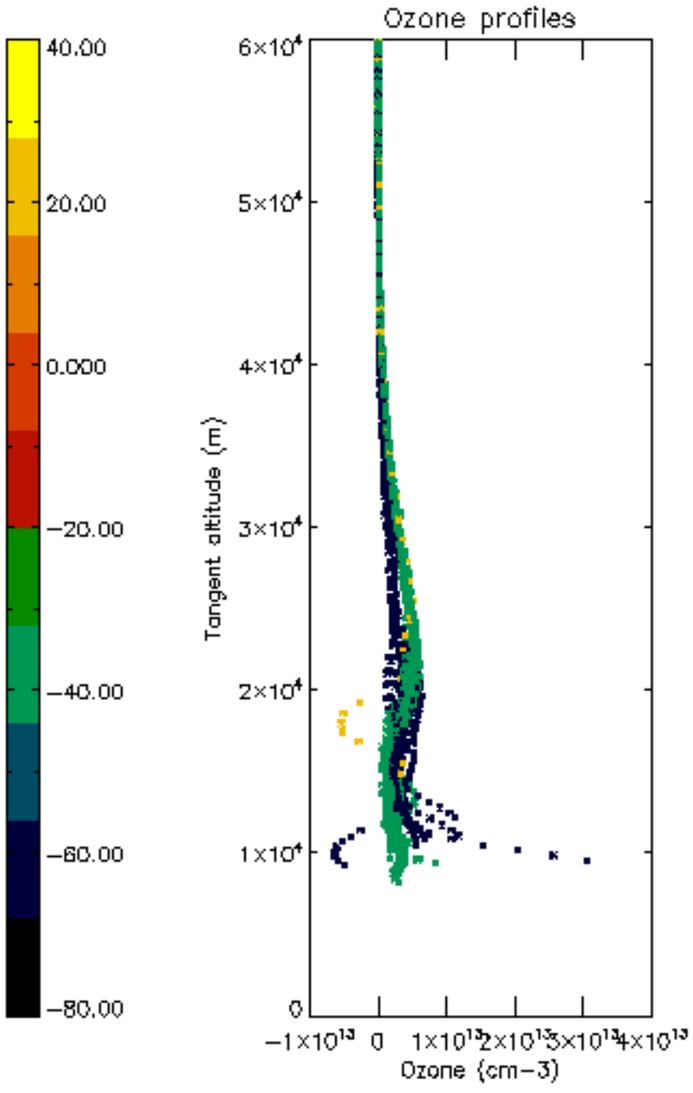

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-135
-90
-45
-30
-60
-90


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
-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)
Ozone (cm−3)

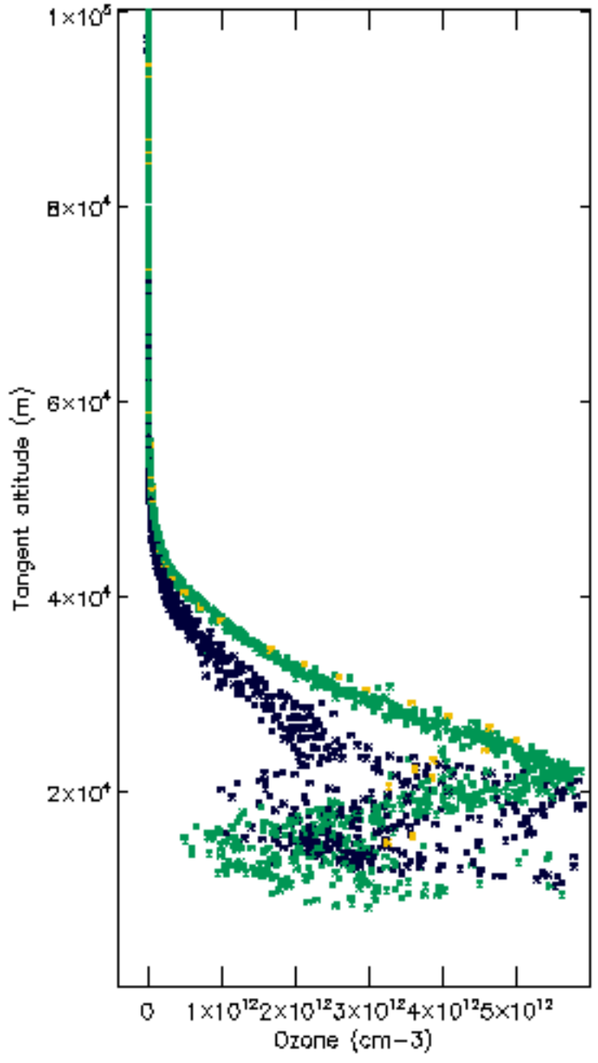

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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

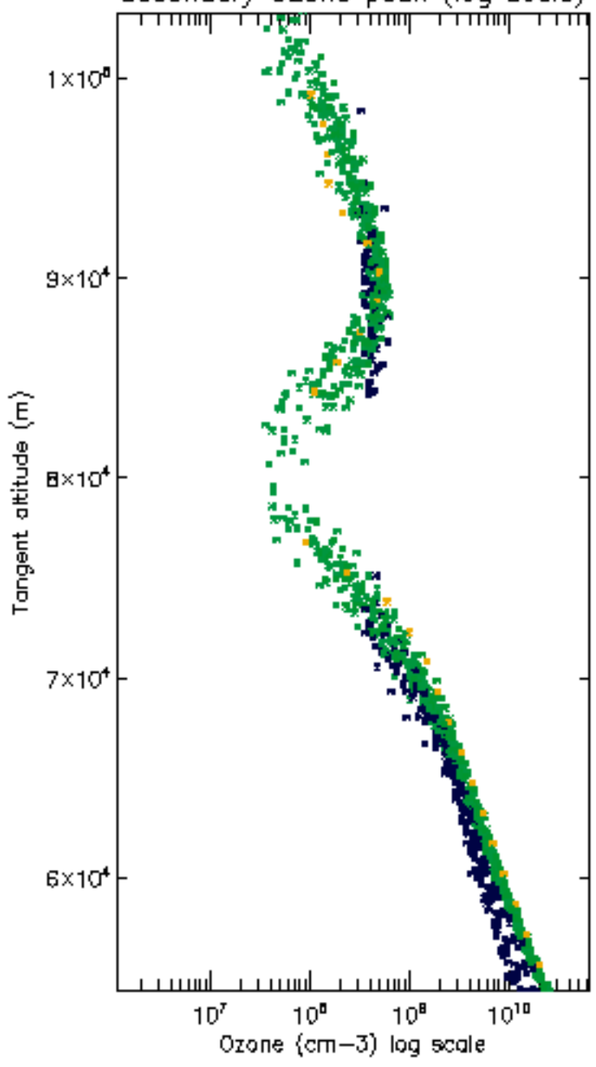


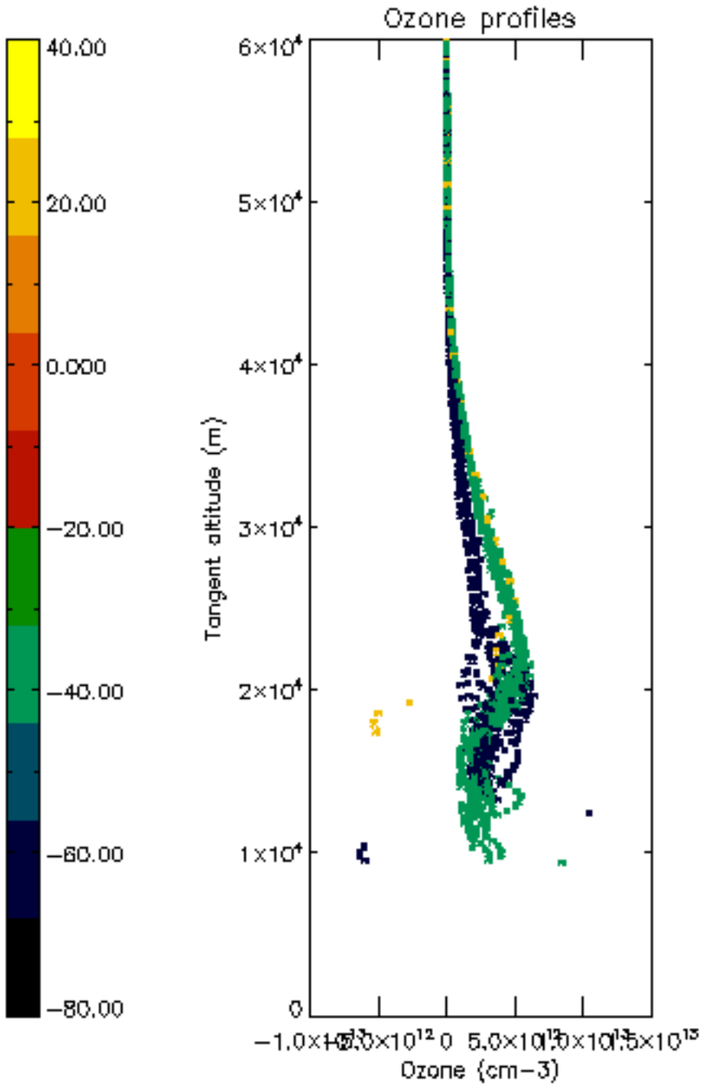
Ozone profiles

Zoom



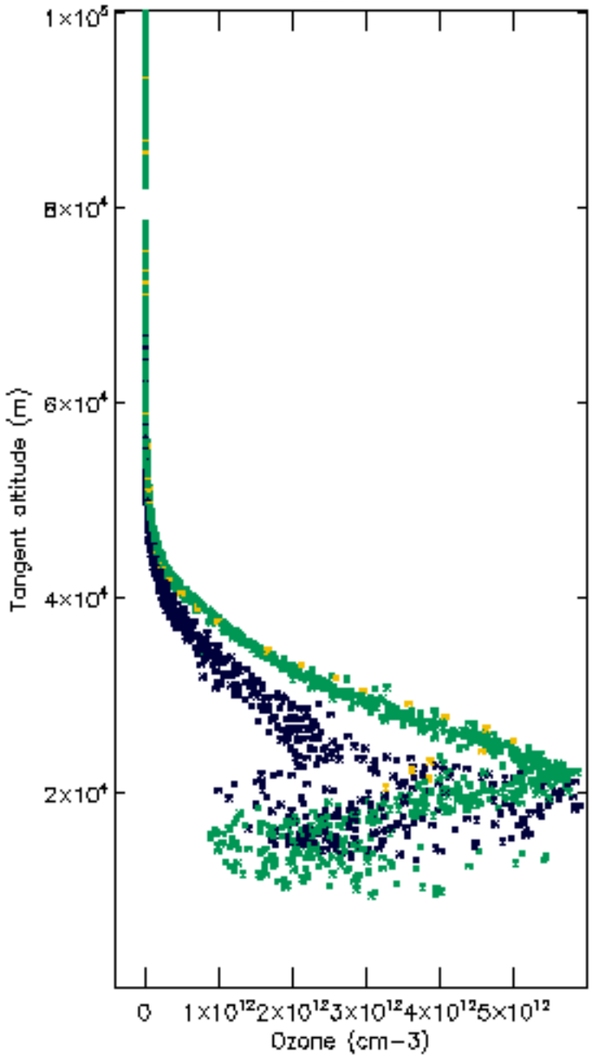
Secondary Ozone peak (log scale)



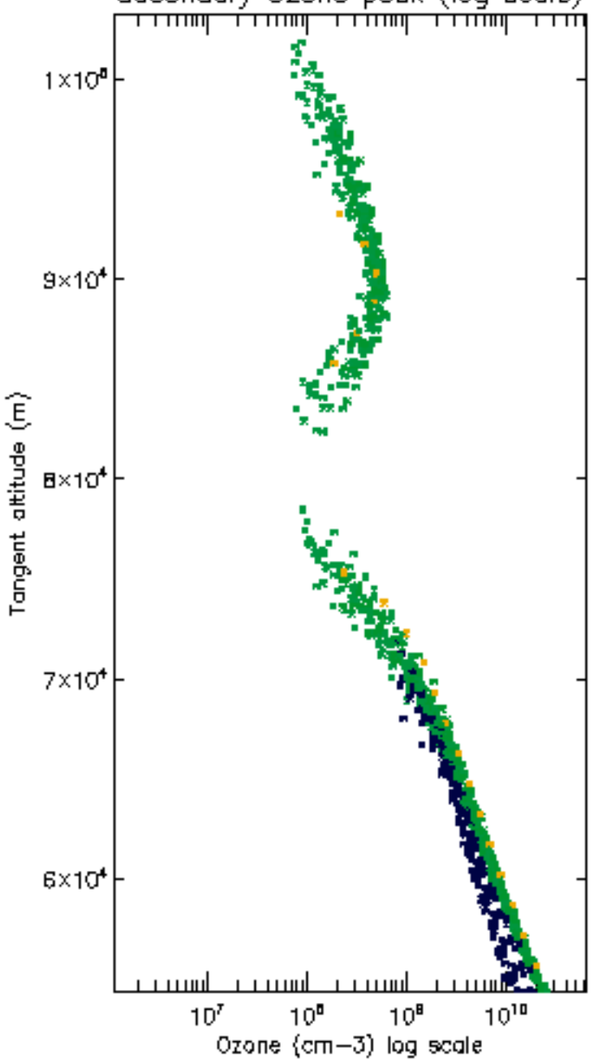


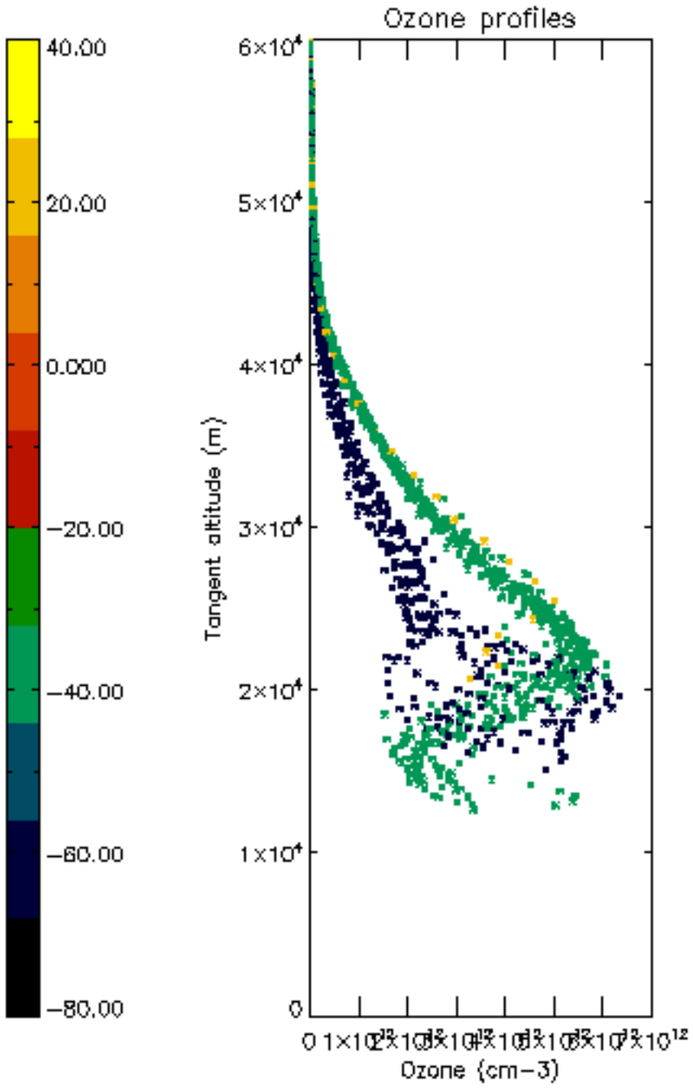
Ozone profiles

Zoom



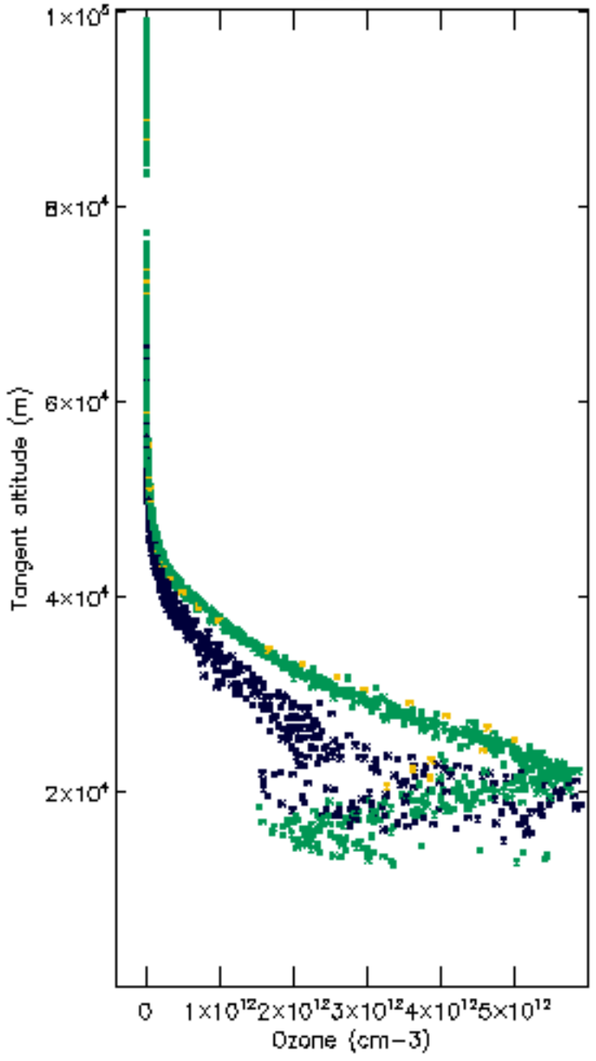
Secondary Ozone peak (log scale)



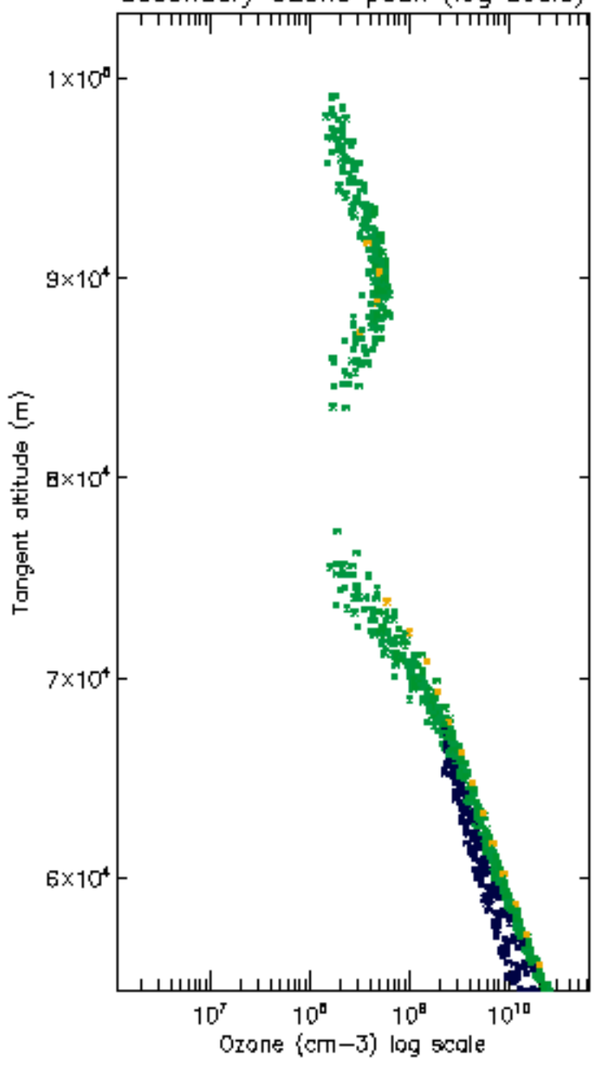


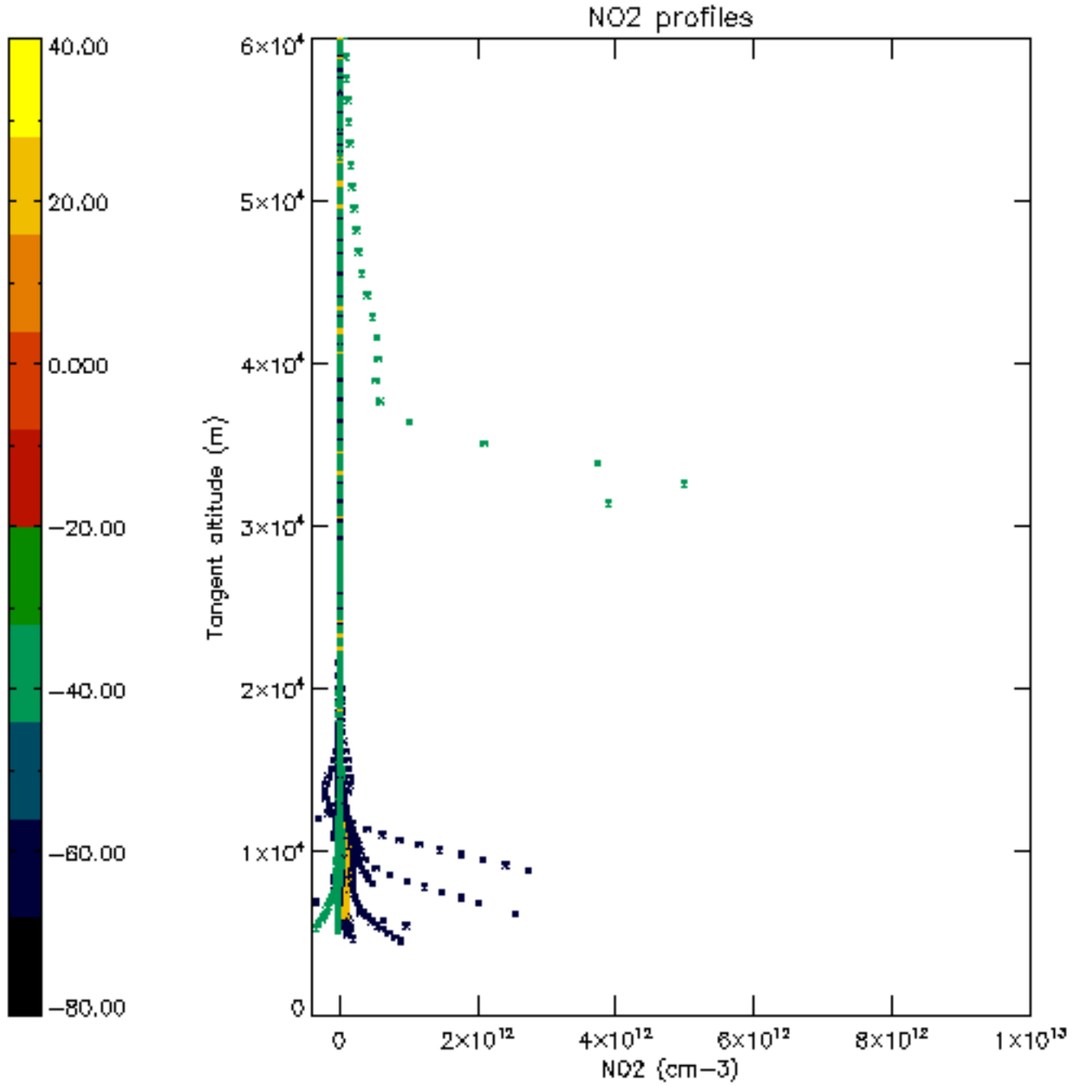
Ozone profiles

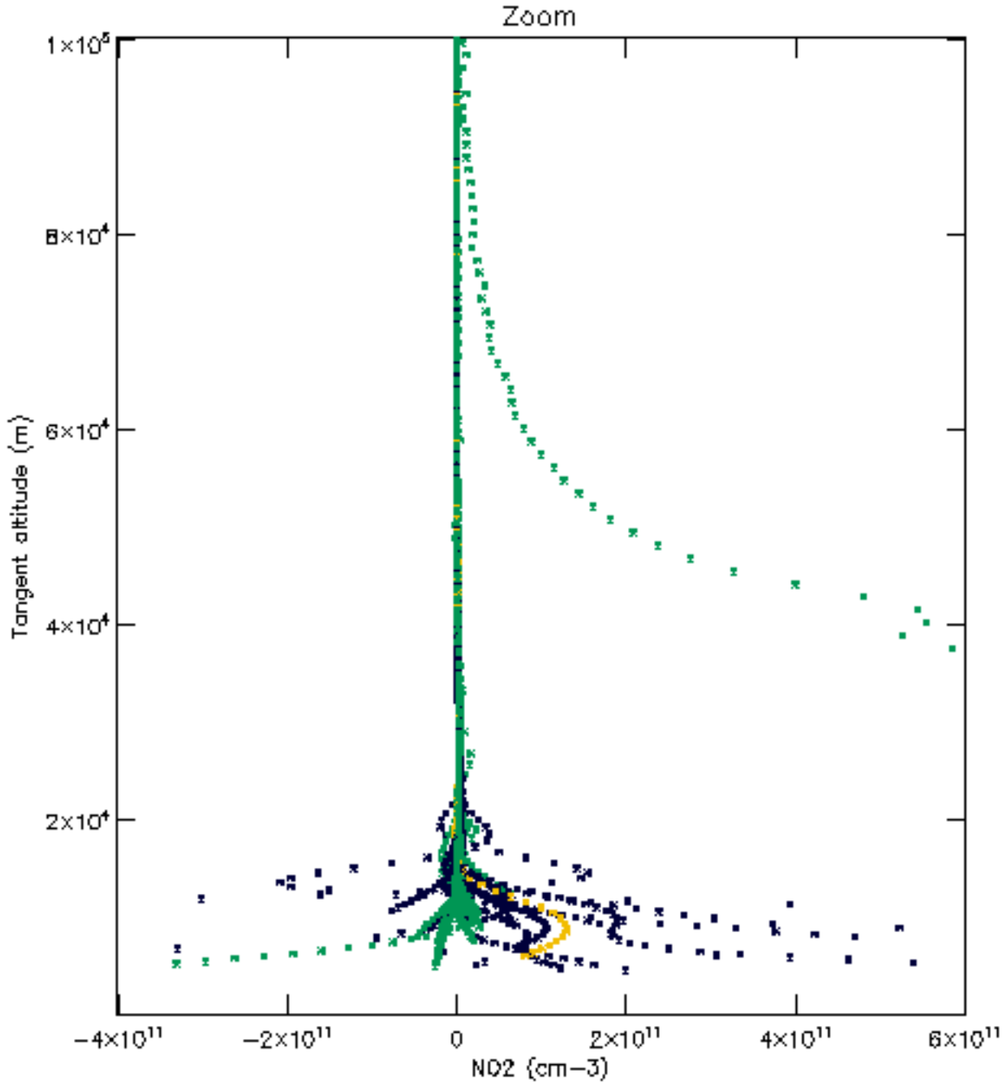
Zoom

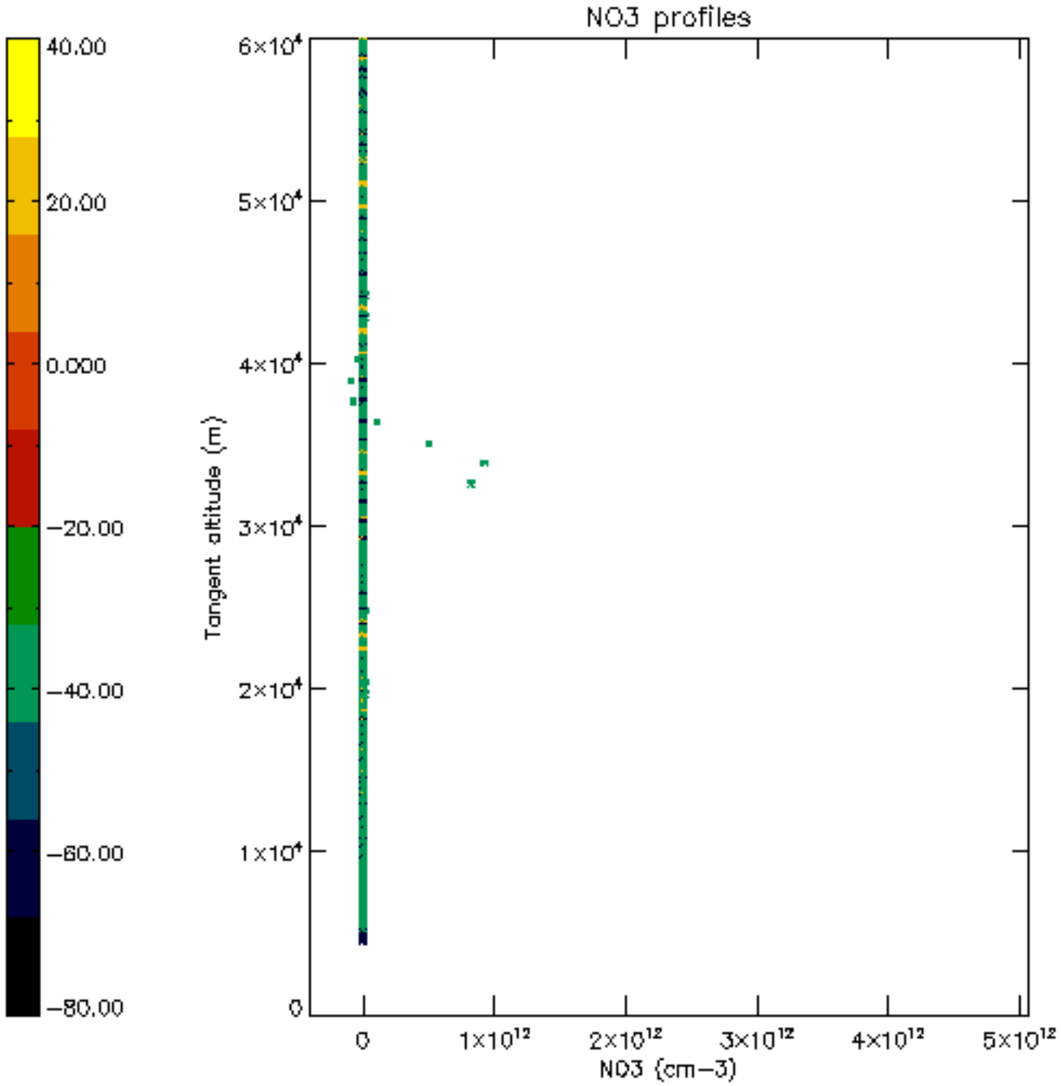


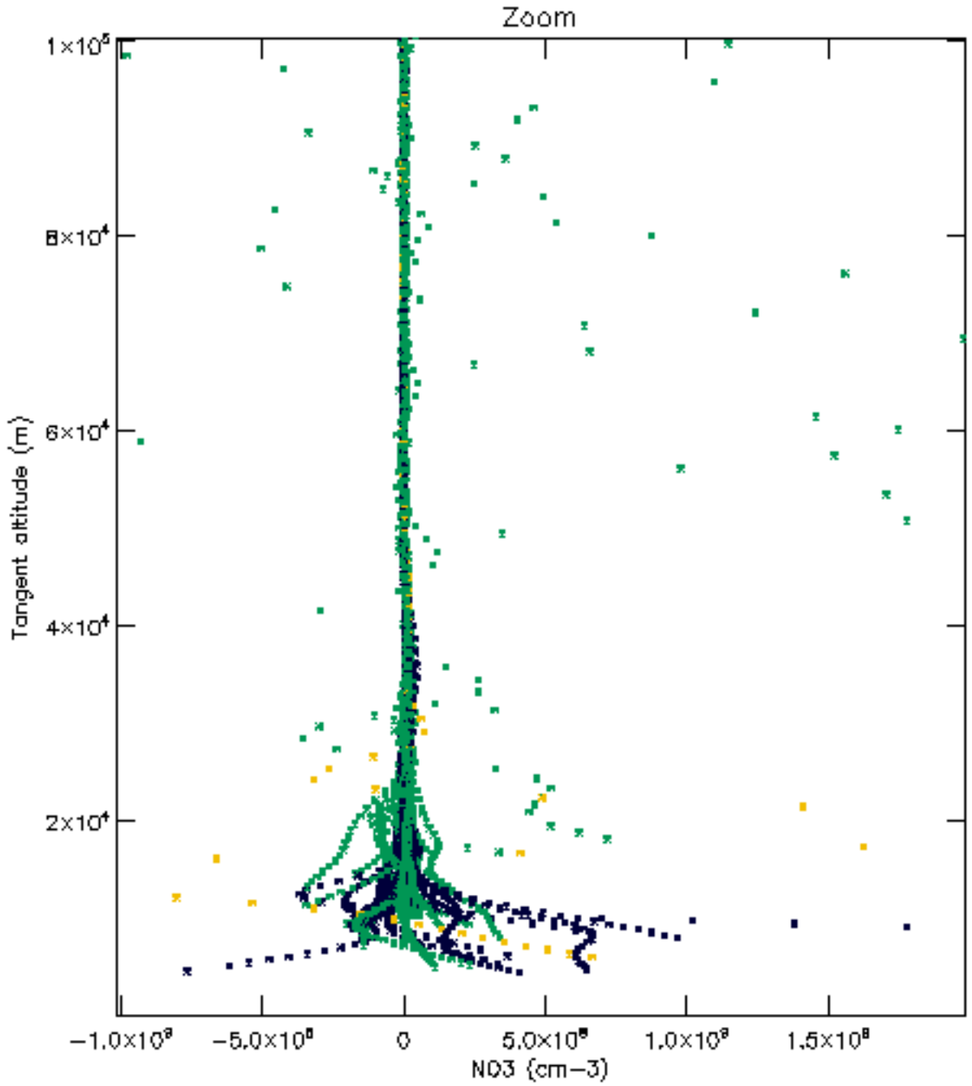
Secondary Ozone peak (log scale)

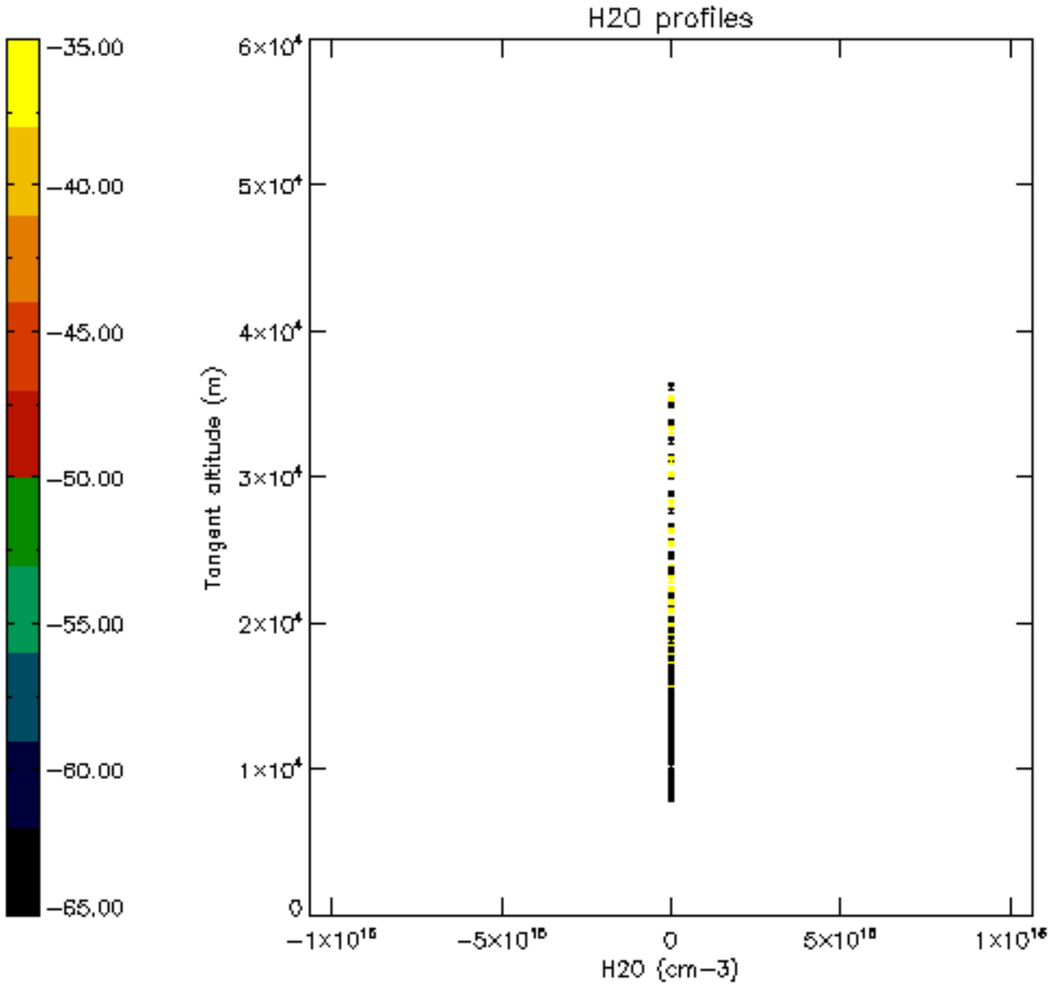


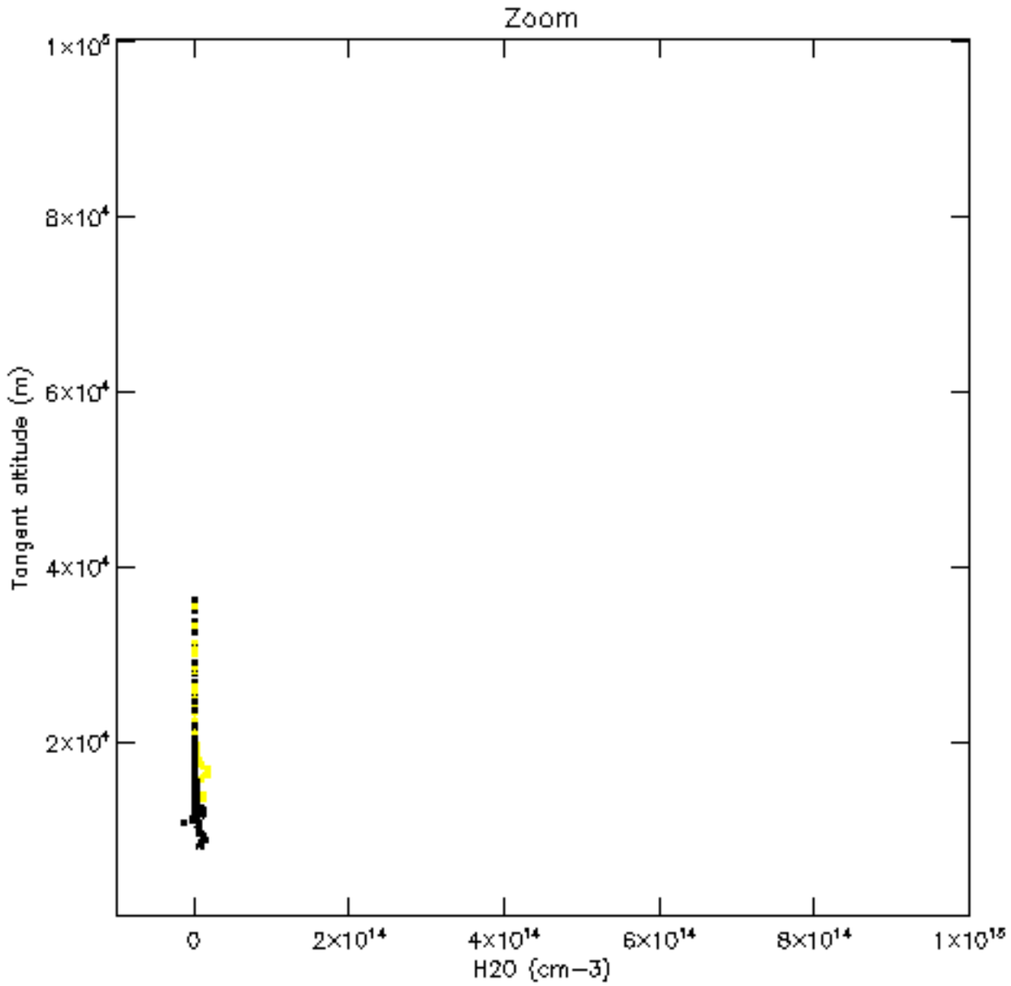

NO2 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

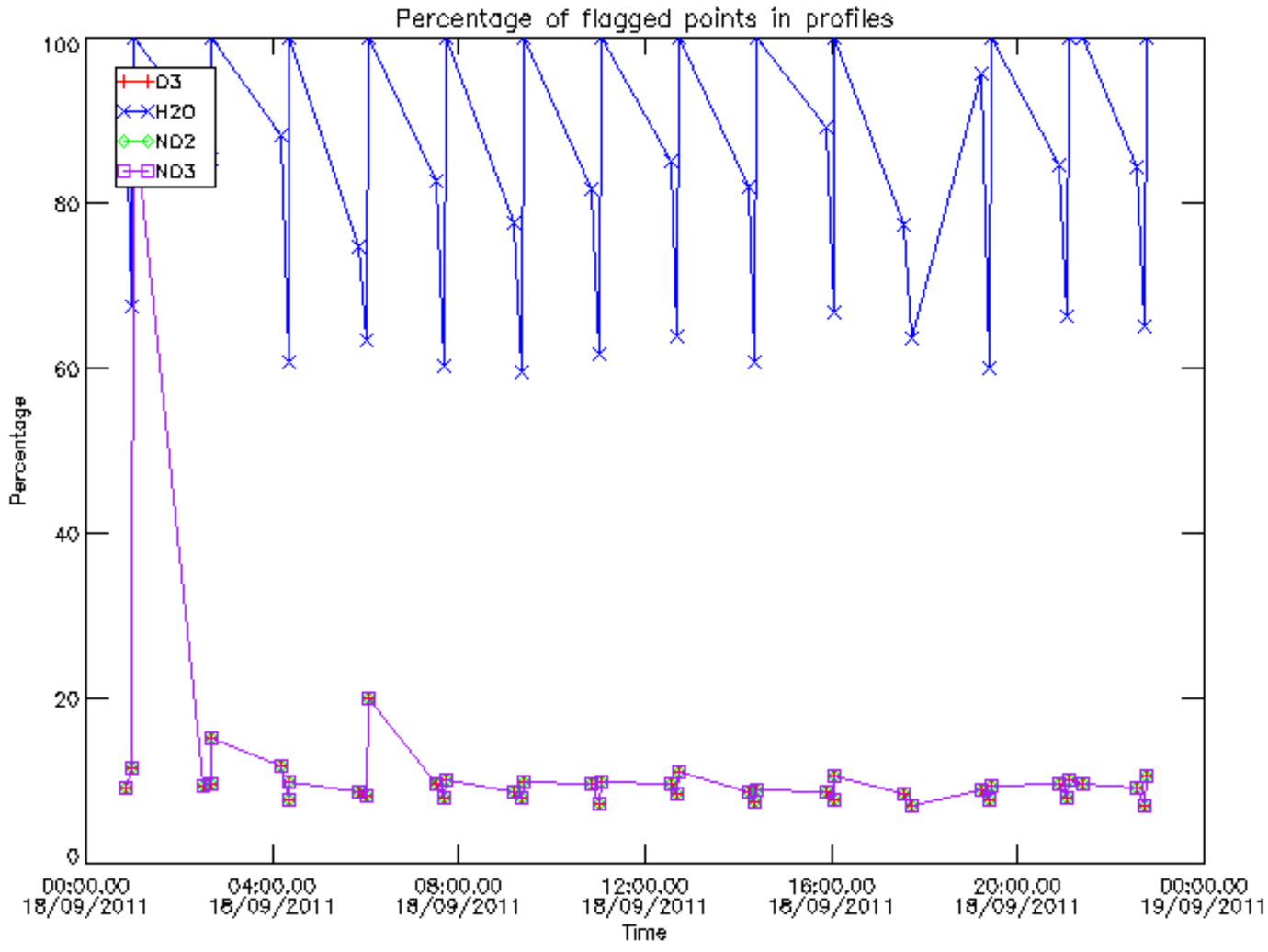

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


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)

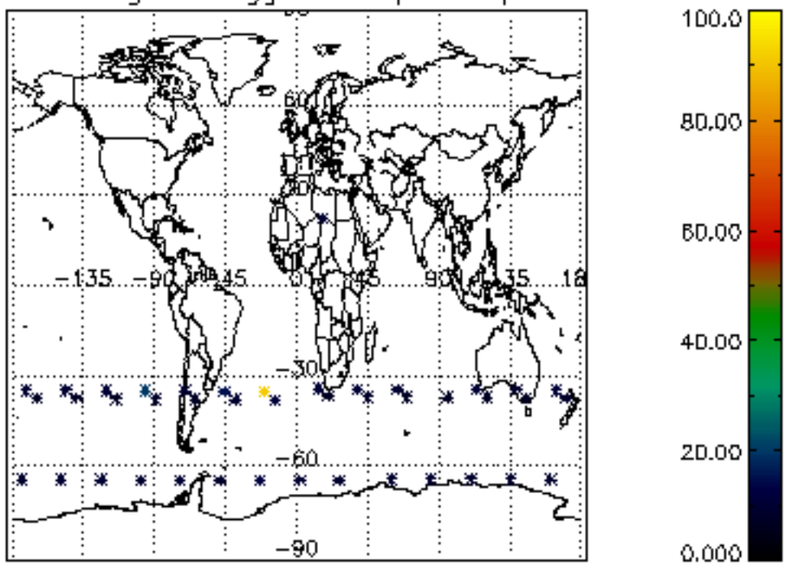

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁸
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


H2O profiles
−35.00
−40.00
−45.00
−50.00
−55.00
−60.00
−65.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁶
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)

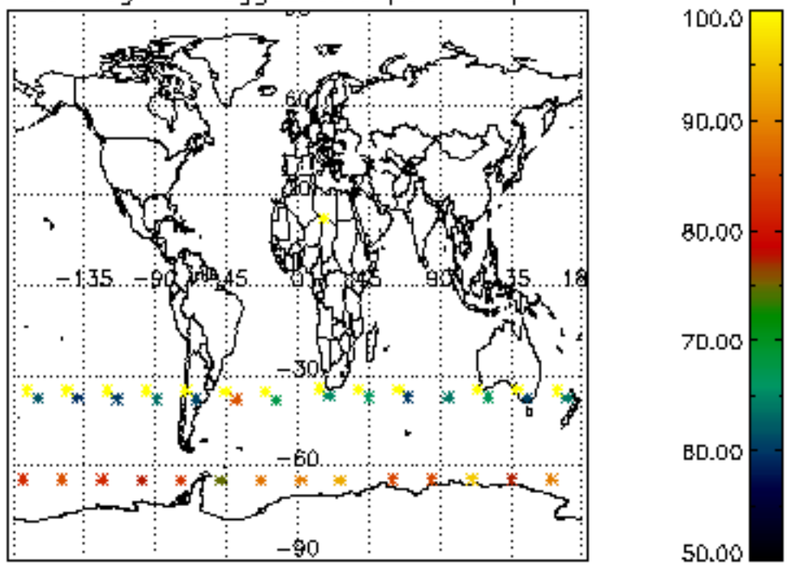

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)


Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
18/09/2011
04:00.00
18/09/2011
08:00.00
18/09/2011
12:00.00
18/09/2011
16:00.00
18/09/2011
20:00.00
18/09/2011
00:00.00
19/09/2011
Time

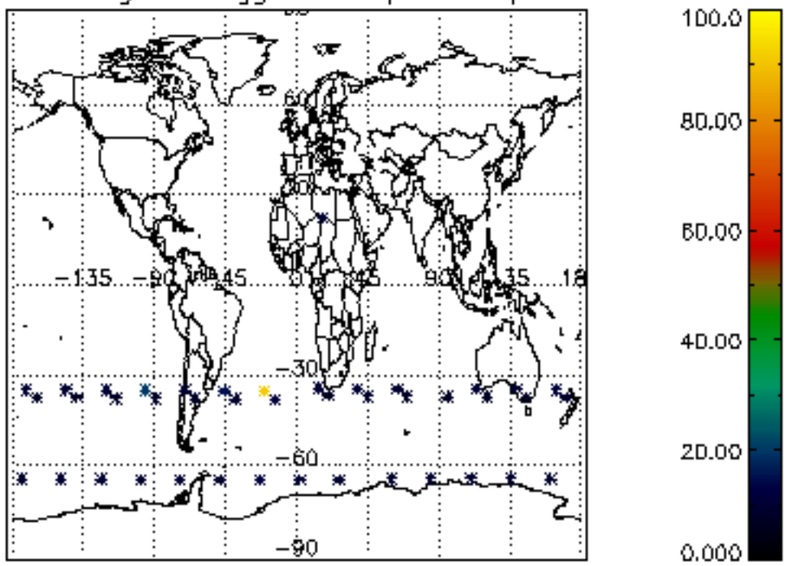
Percentage of flagged data per O3 profile



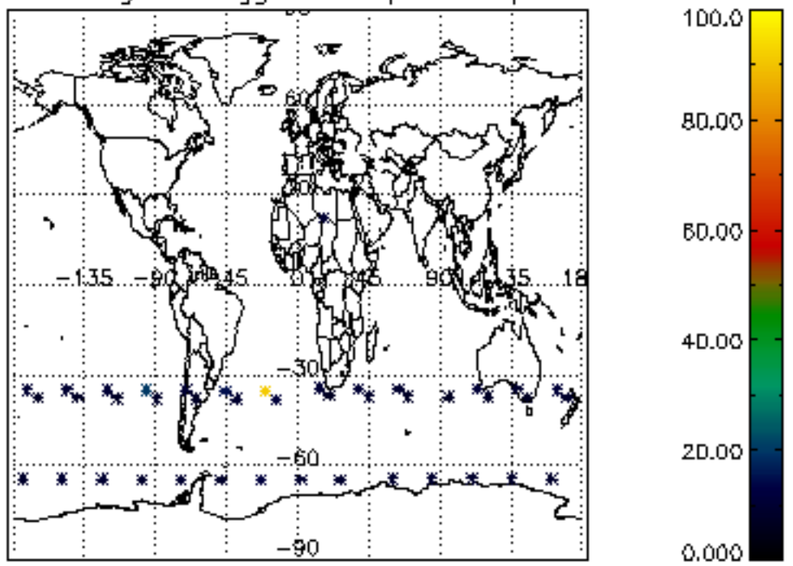
Percentage of flagged data per H2O profile

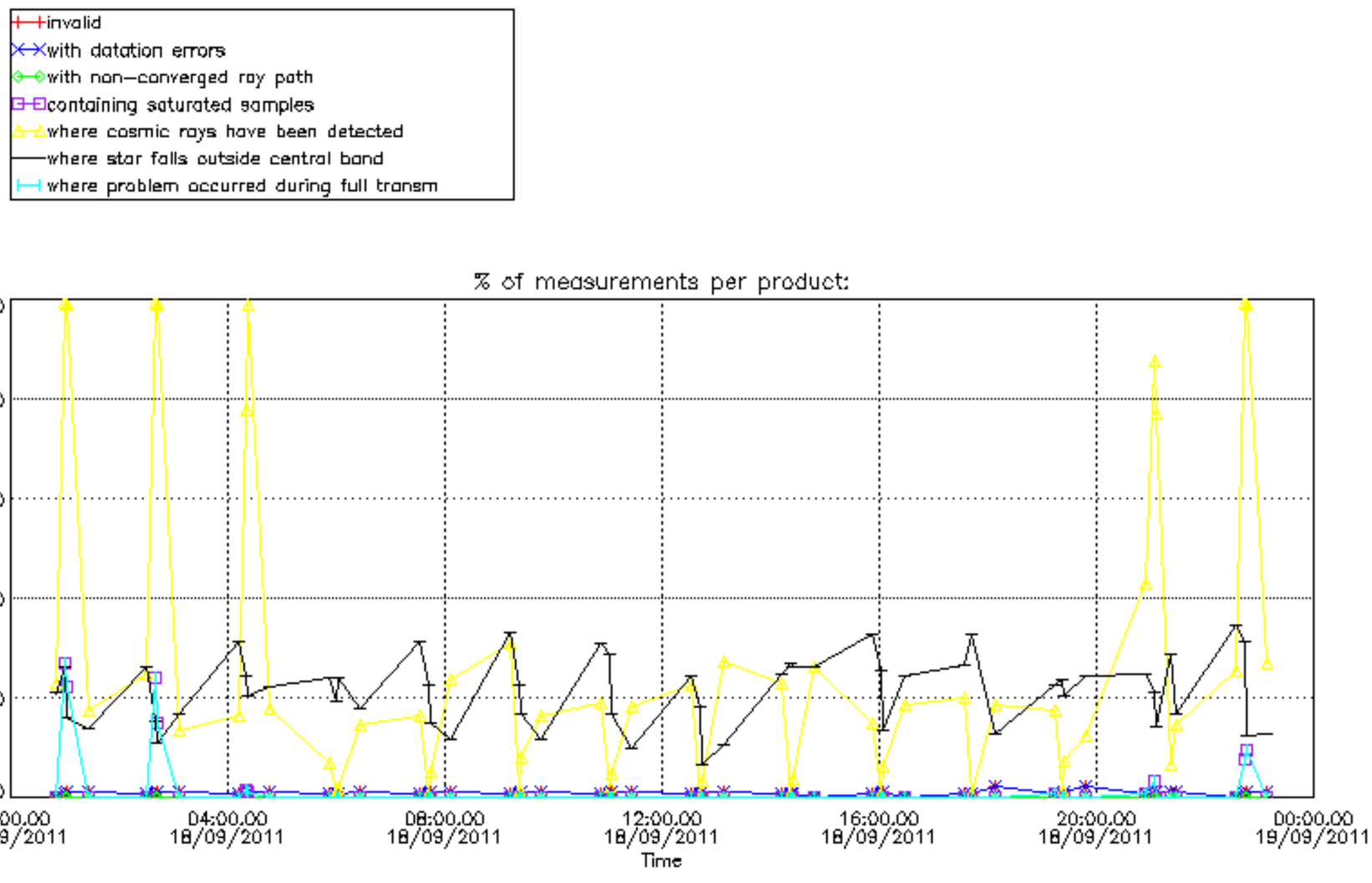


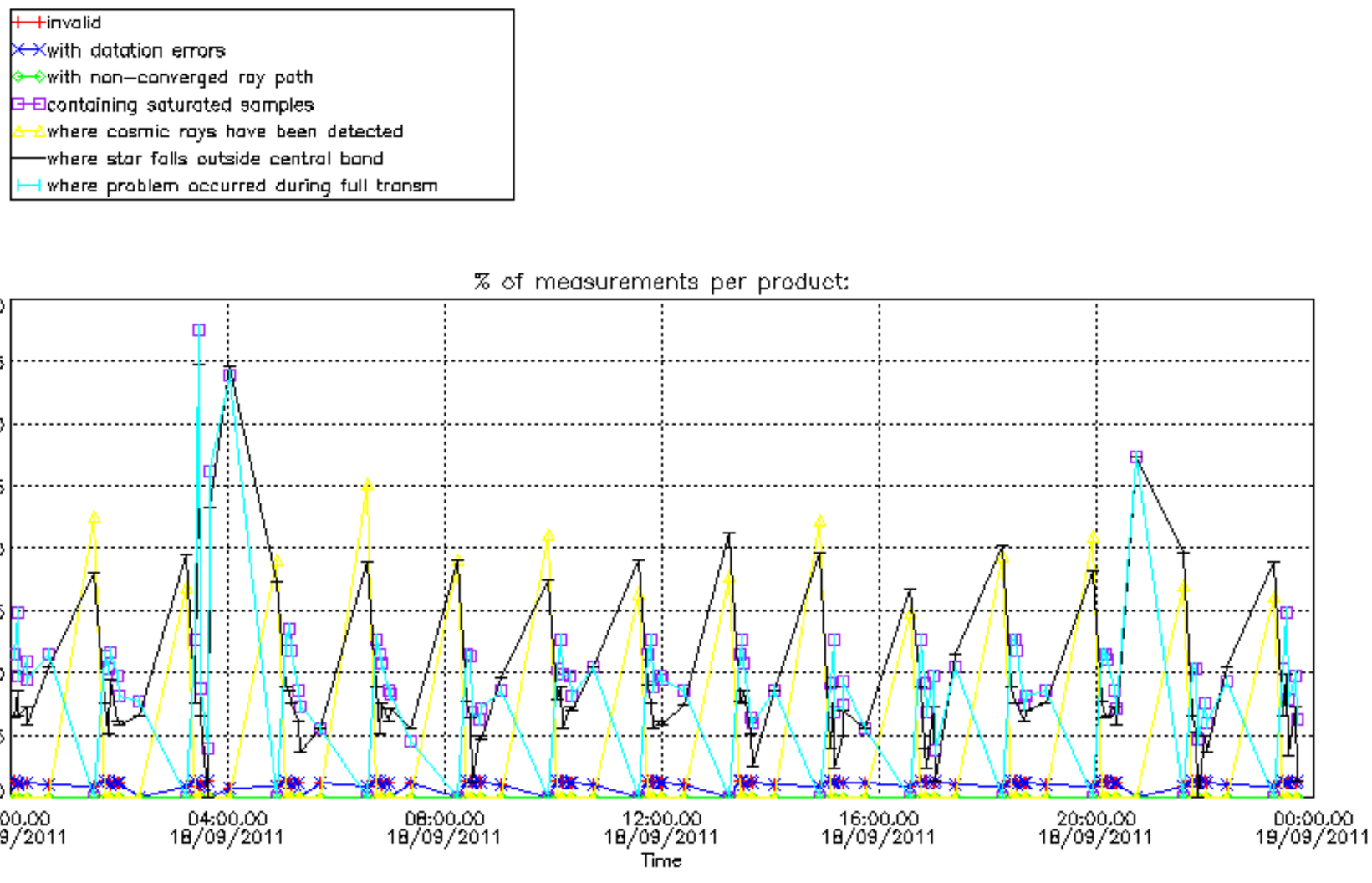
Percentage of flagged data per NO2 profile

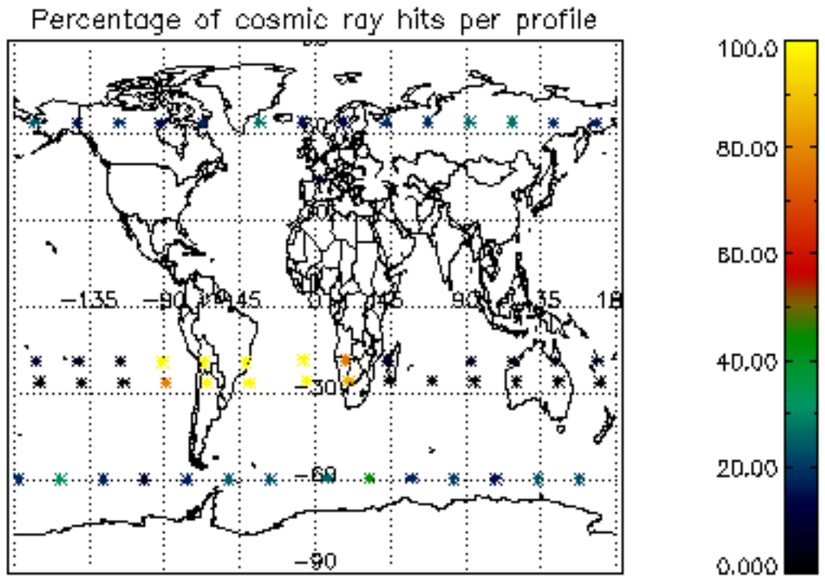


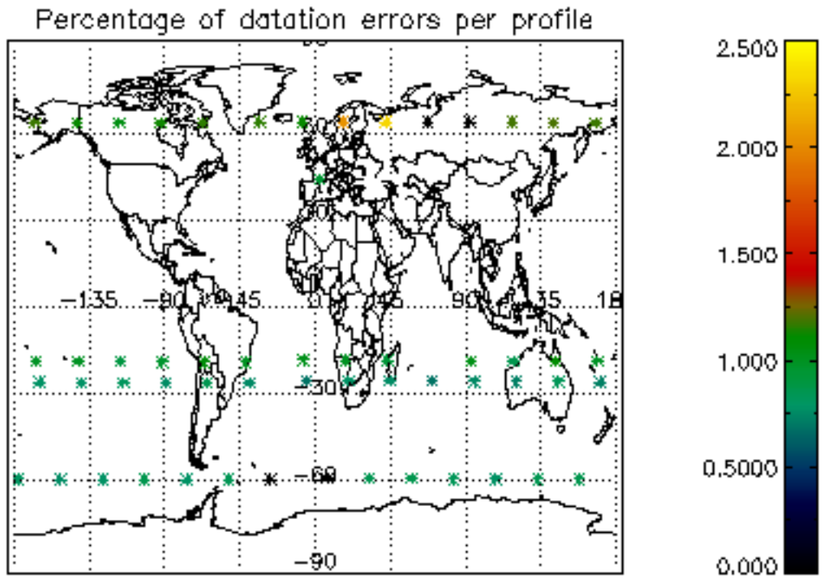
Percentage of flagged data per NO3 profile

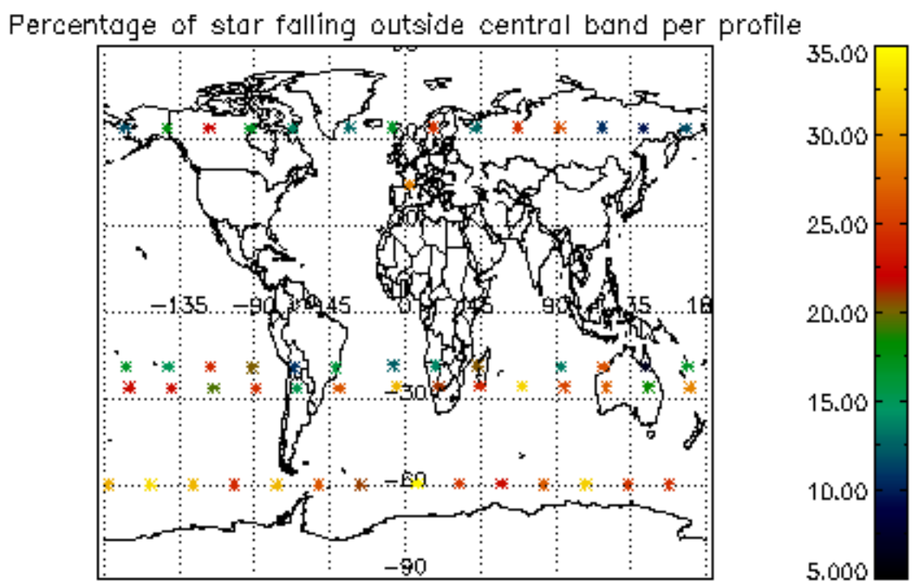


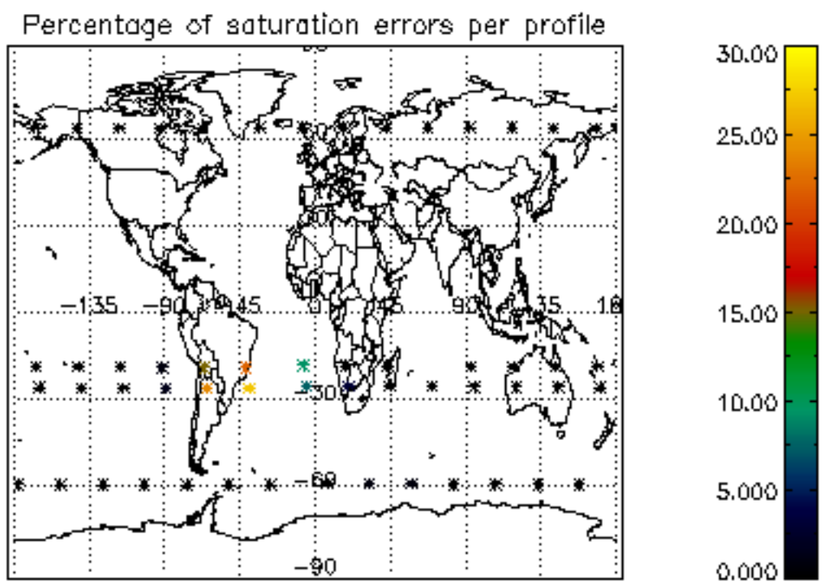

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00 18/09/2011
04:00.00 18/09/2011
08:00.00 18/09/2011
12:00.00 18/09/2011
16:00.00 18/09/2011
20:00.00 18/09/2011
00:00.00 19/09/2011
Time

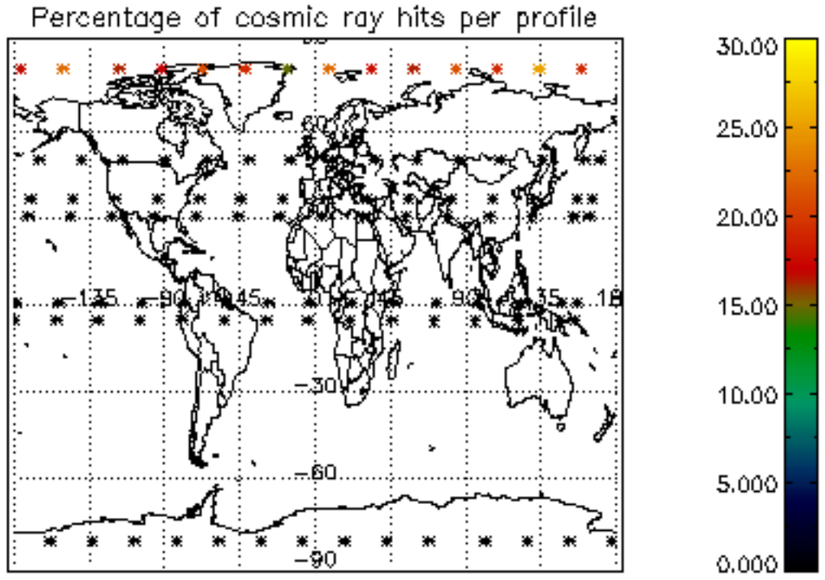

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
40
35
30
25
20
15
10
5
0
value (%)
00:00.00 18/09/2011
04:00.00 18/09/2011
08:00.00 18/09/2011
12:00.00 18/09/2011
16:00.00 18/09/2011
20:00.00 18/09/2011
00:00.00 19/09/2011
Time

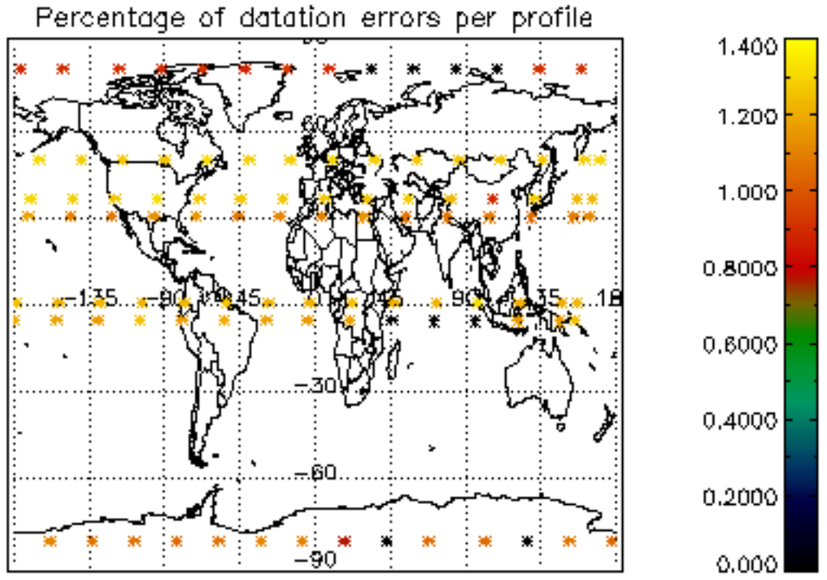

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

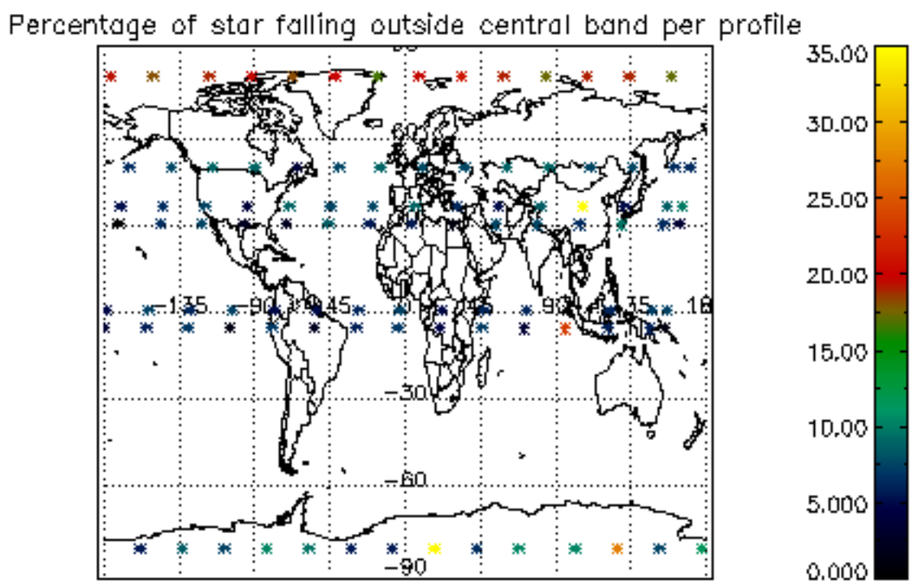

Percentage of datation errors per profile
2.500
2.000
1.500
1.000
0.5000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

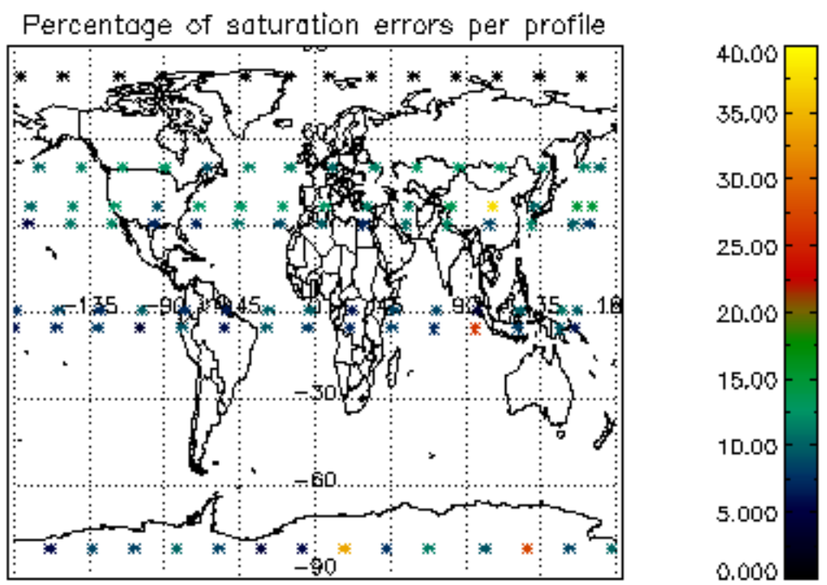

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

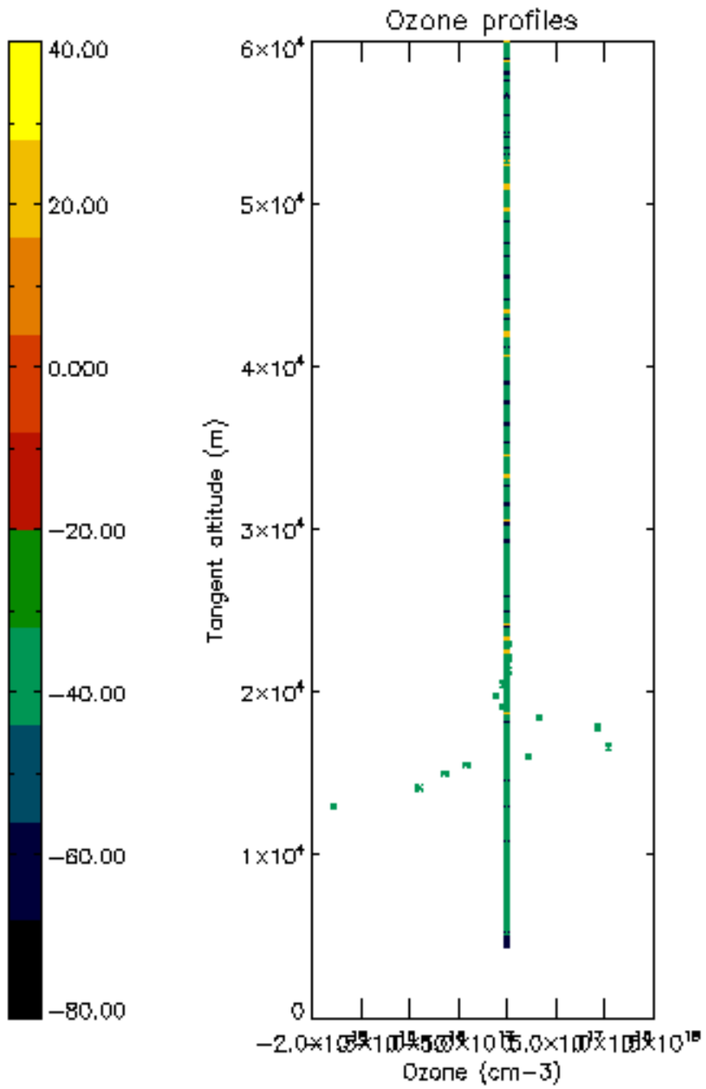

Percentage of saturation errors per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−45
0
45
90
135
180
−30
−60
−90

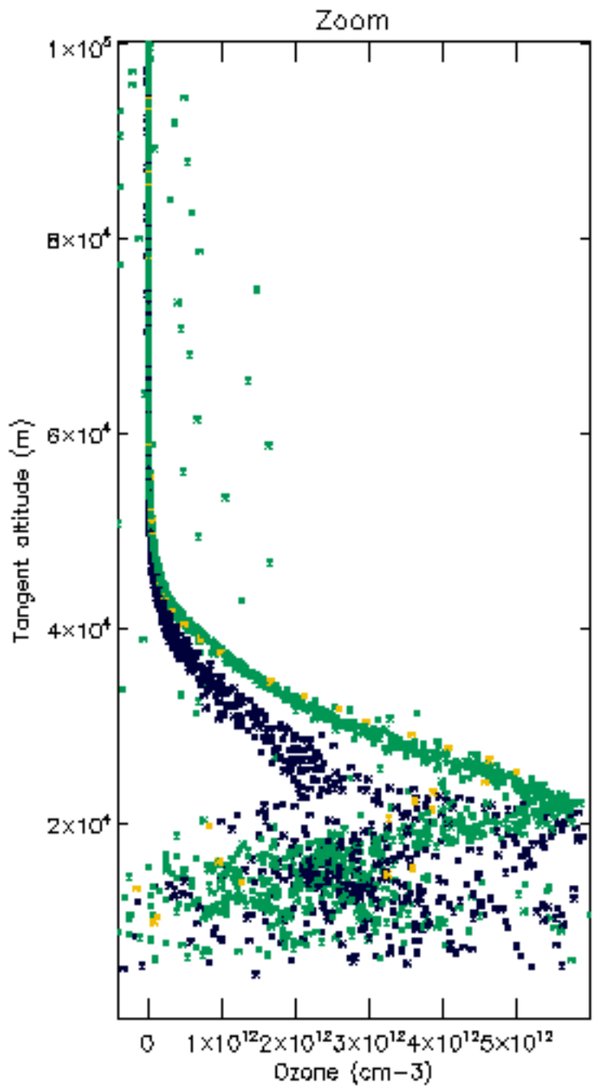

Percentage of cosmic ray hits per profile
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-135
-90
-45
-30
-60
-90

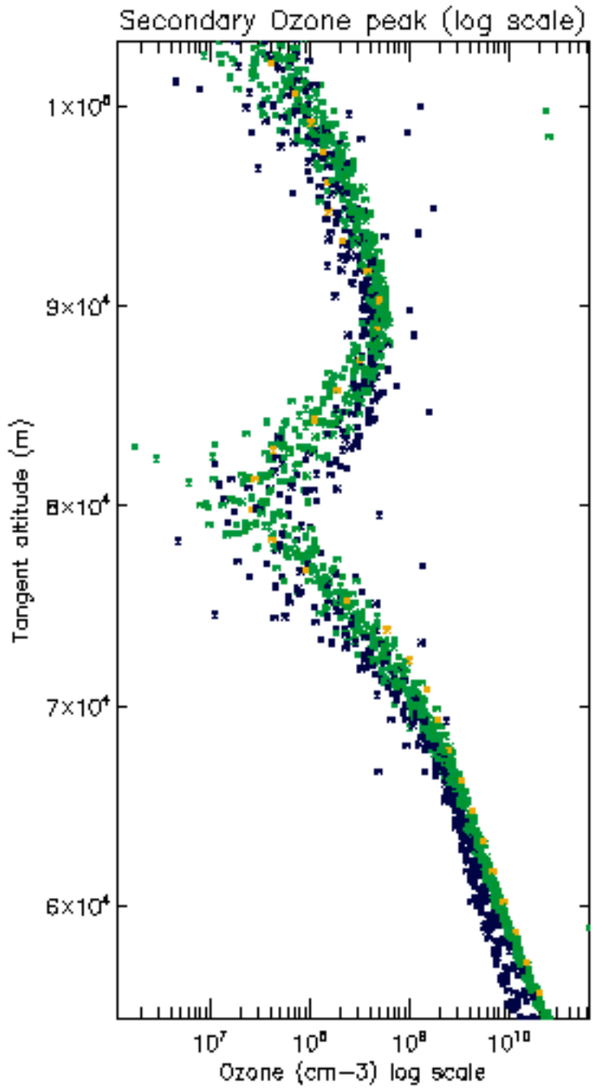

Percentage of datation errors per profile
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
-135
-90
-45
-30
-60
-90

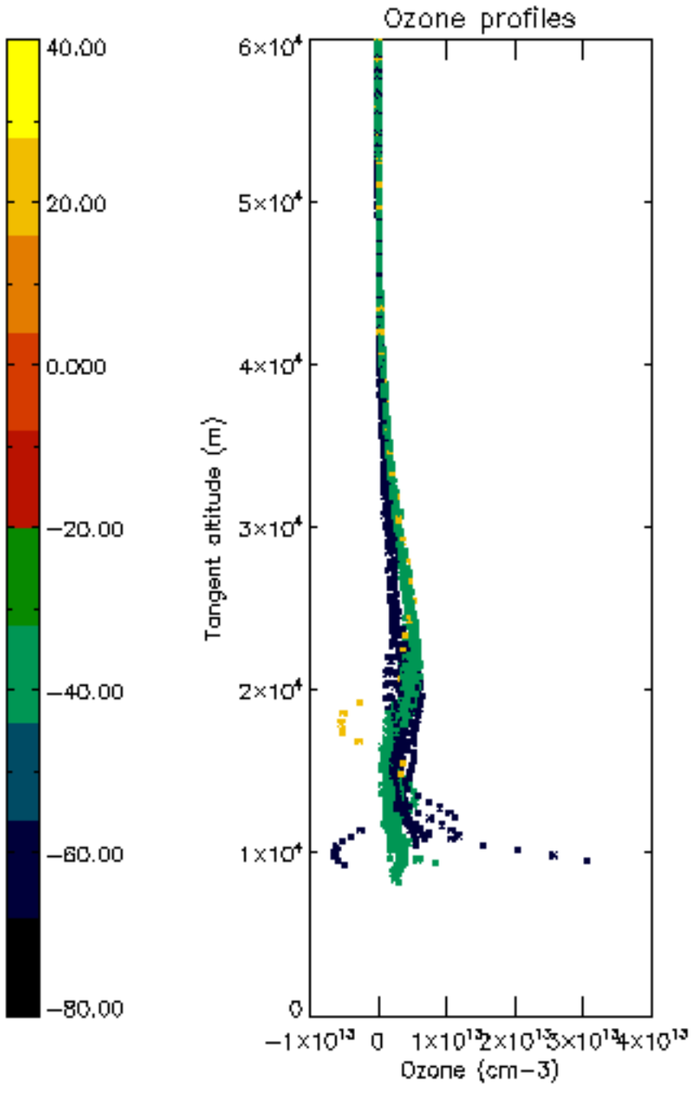

Percentage of star falling outside central band per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-135
-90
-45
-30
-60
-90


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
-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)
Ozone (cm−3)

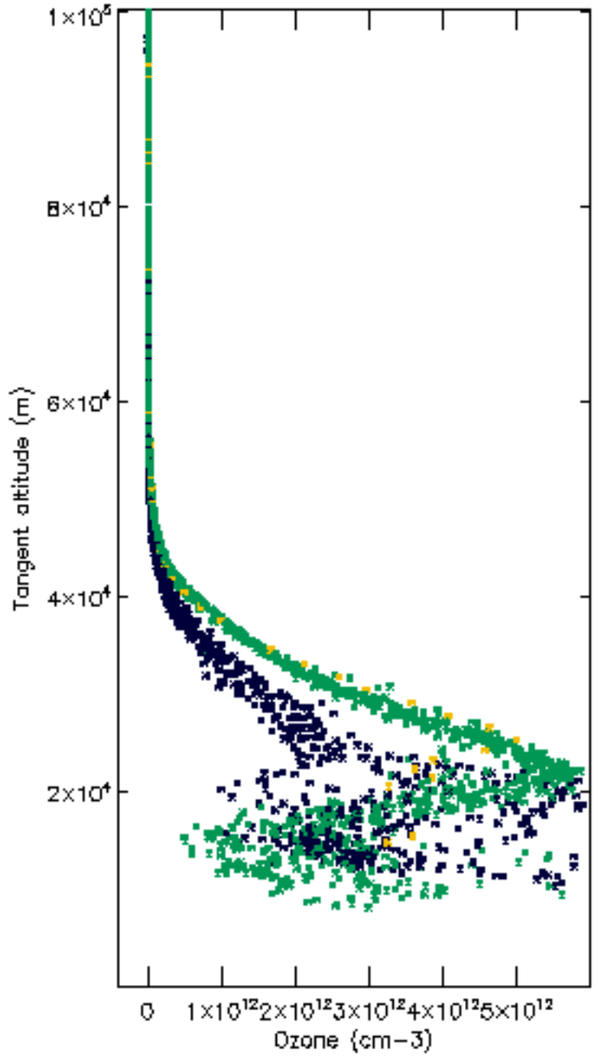

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)


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

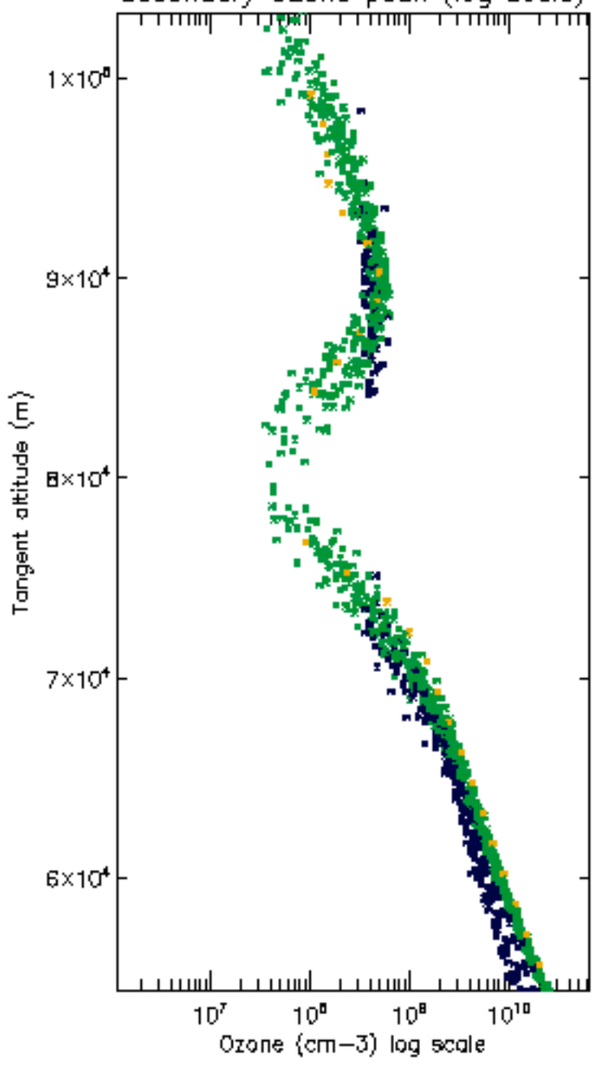


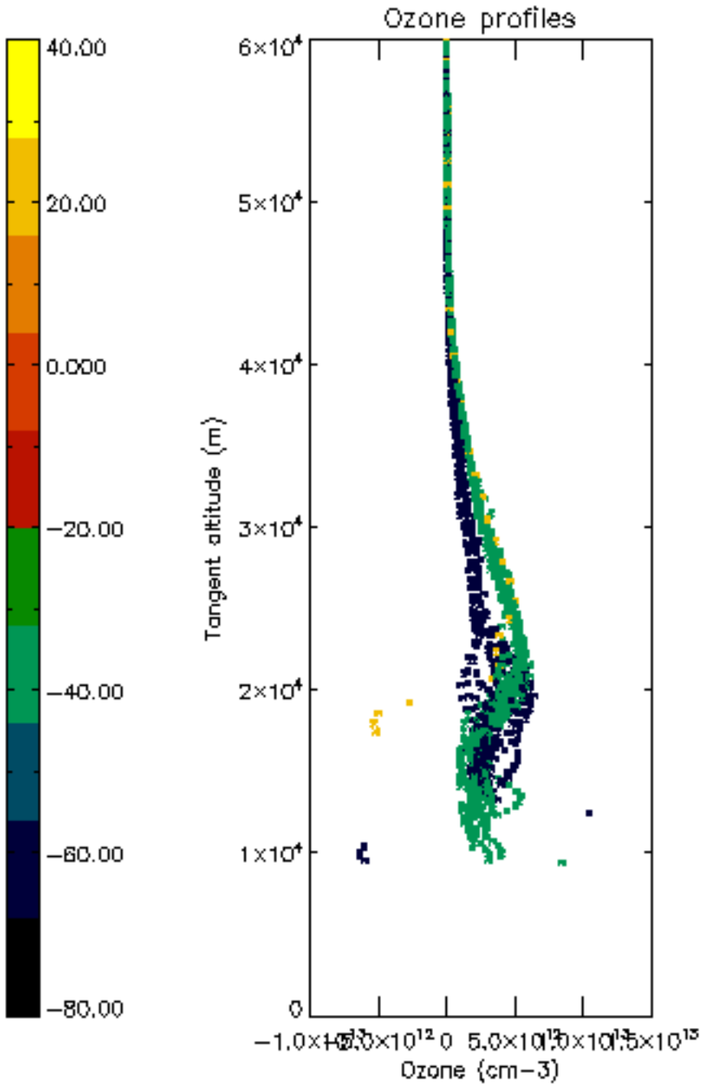
Ozone profiles

Zoom



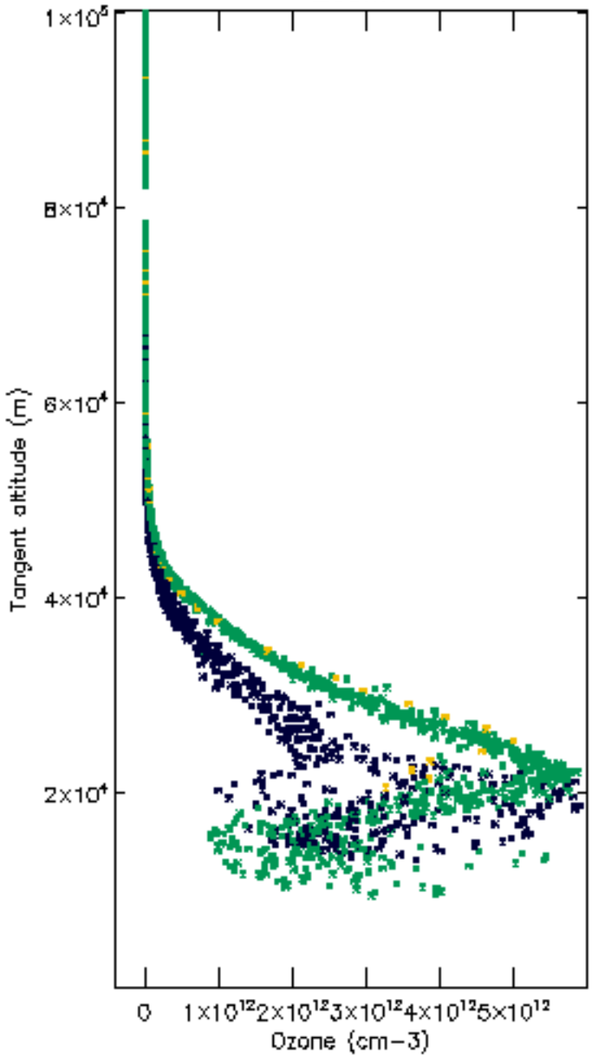
Secondary Ozone peak (log scale)



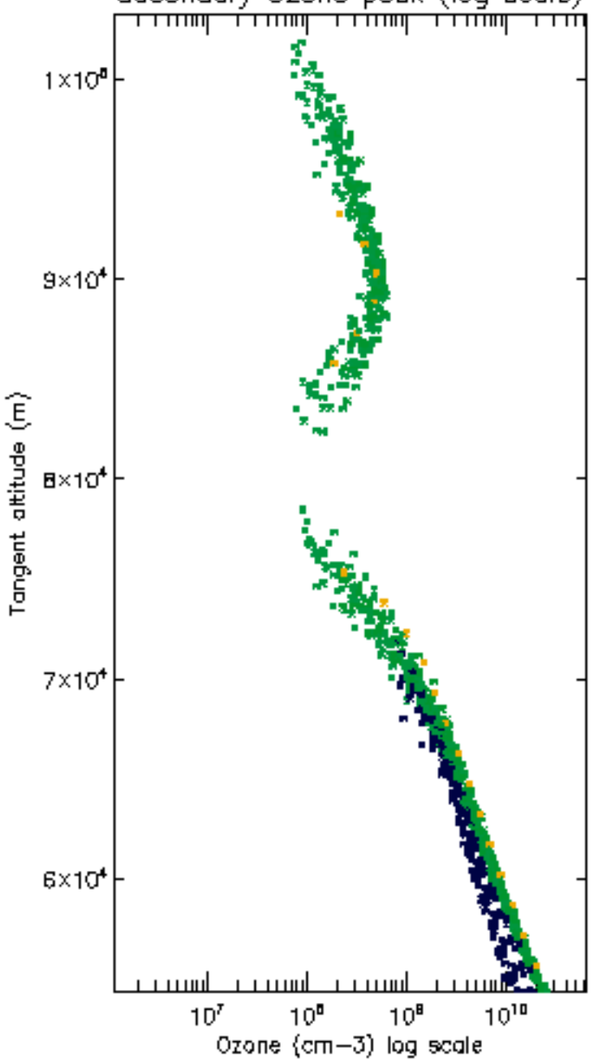


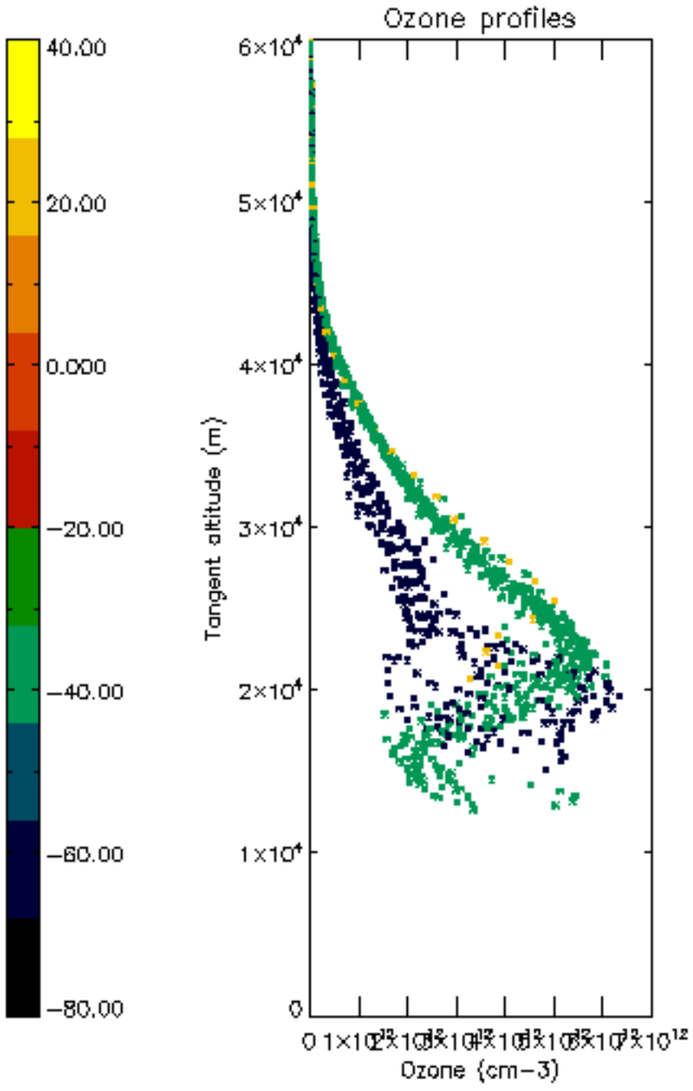
Ozone profiles

Zoom



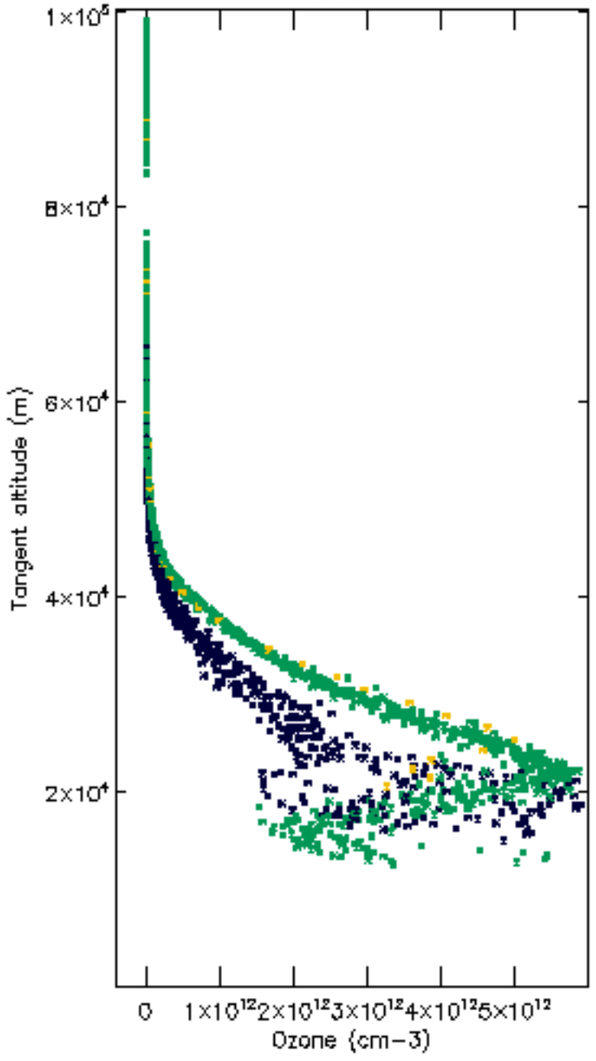
Secondary Ozone peak (log scale)



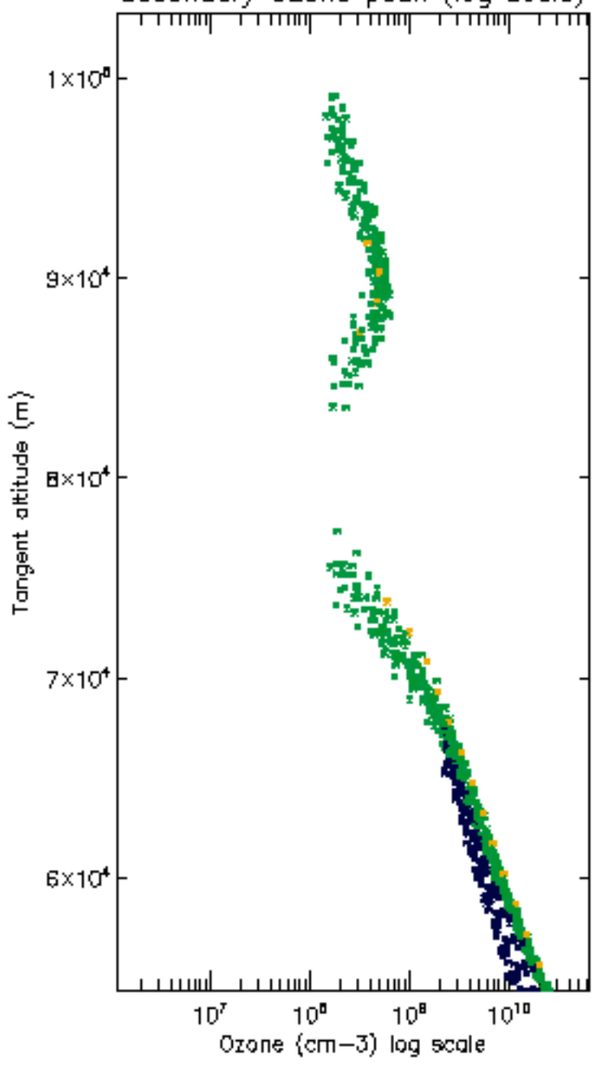


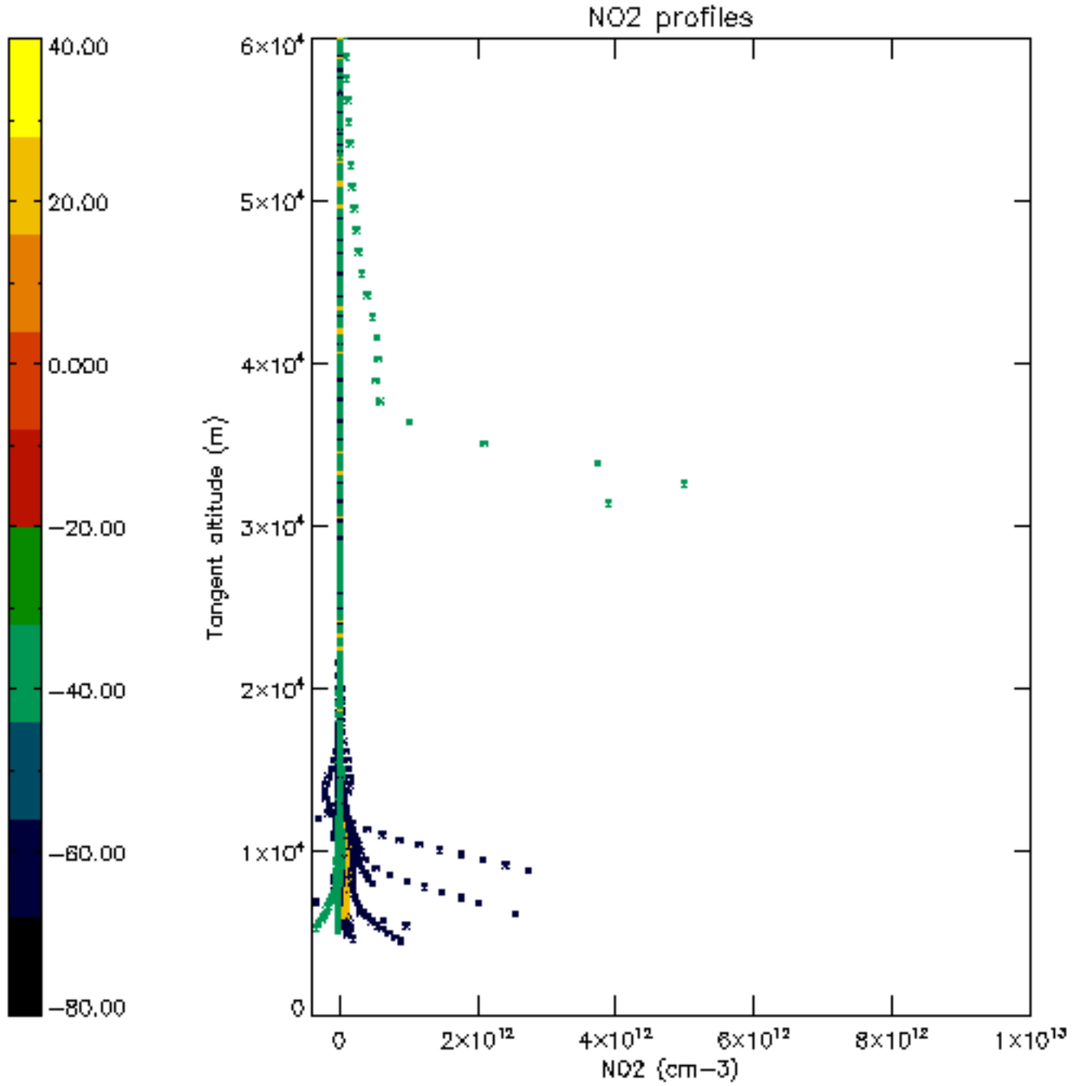
Ozone profiles

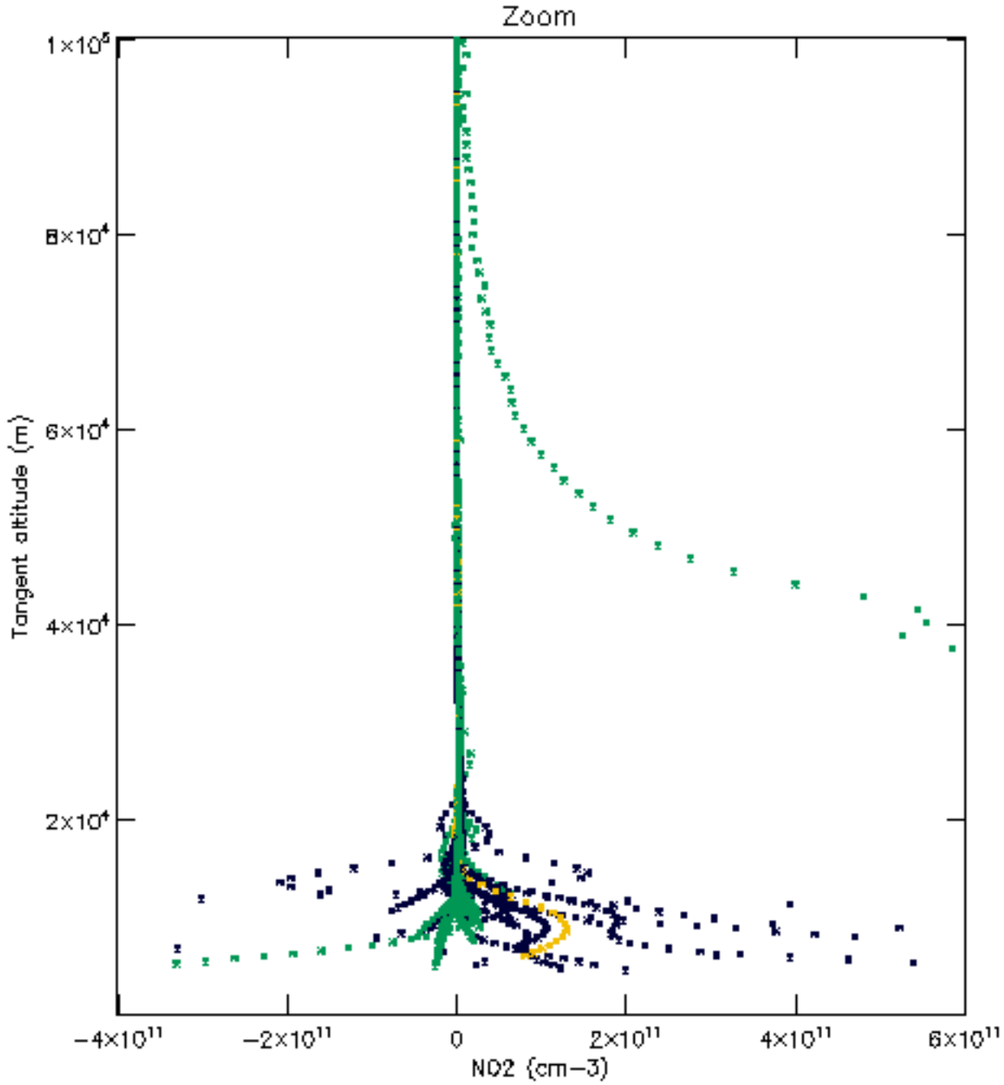
Zoom

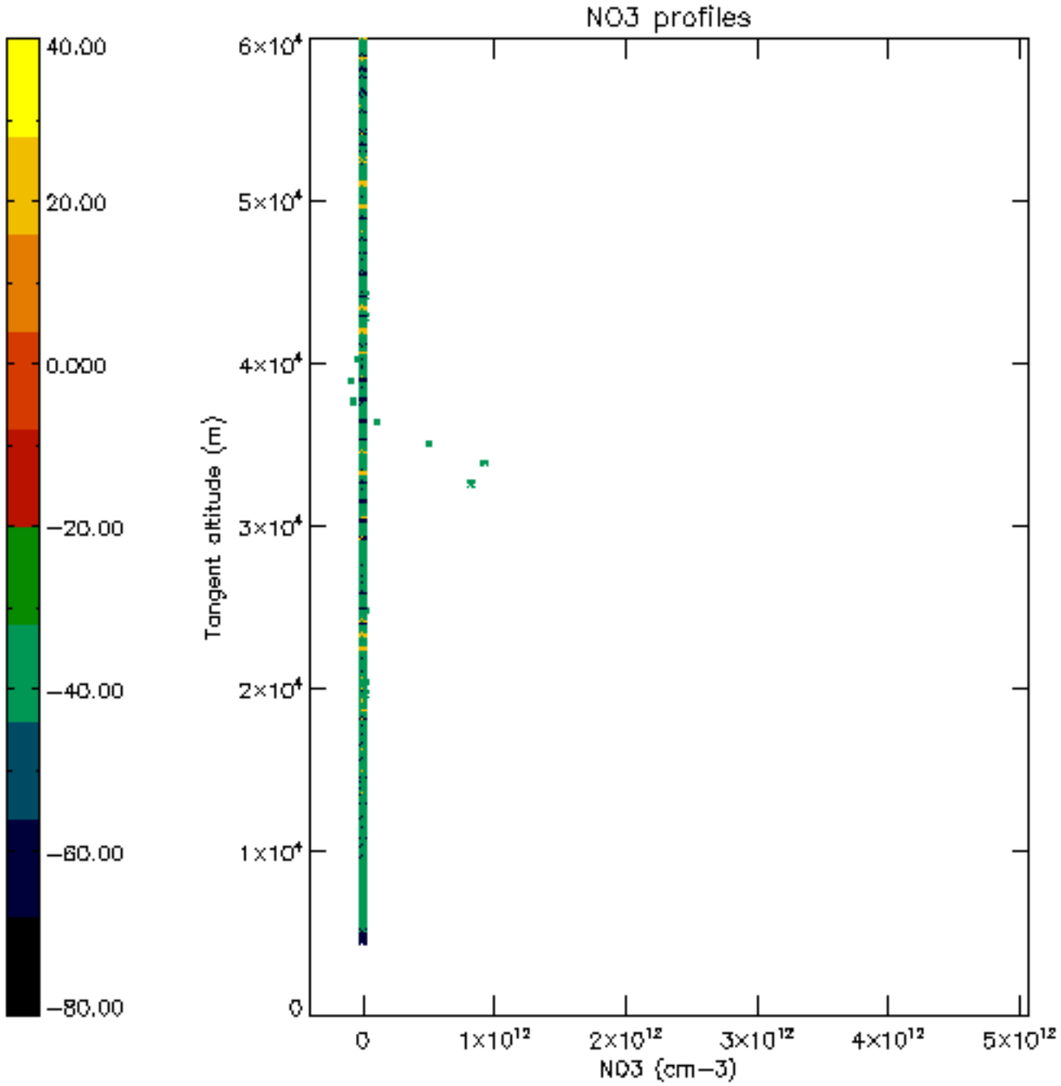


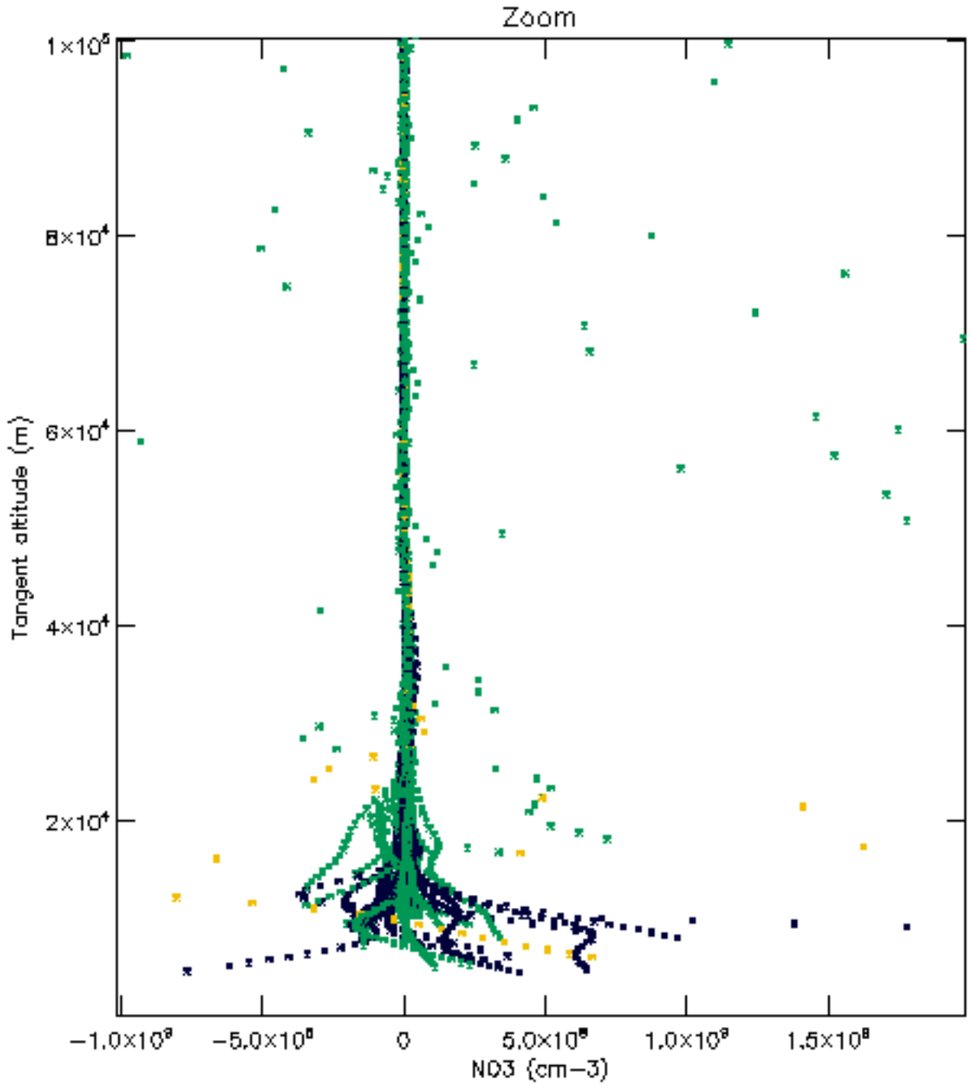
Secondary Ozone peak (log scale)

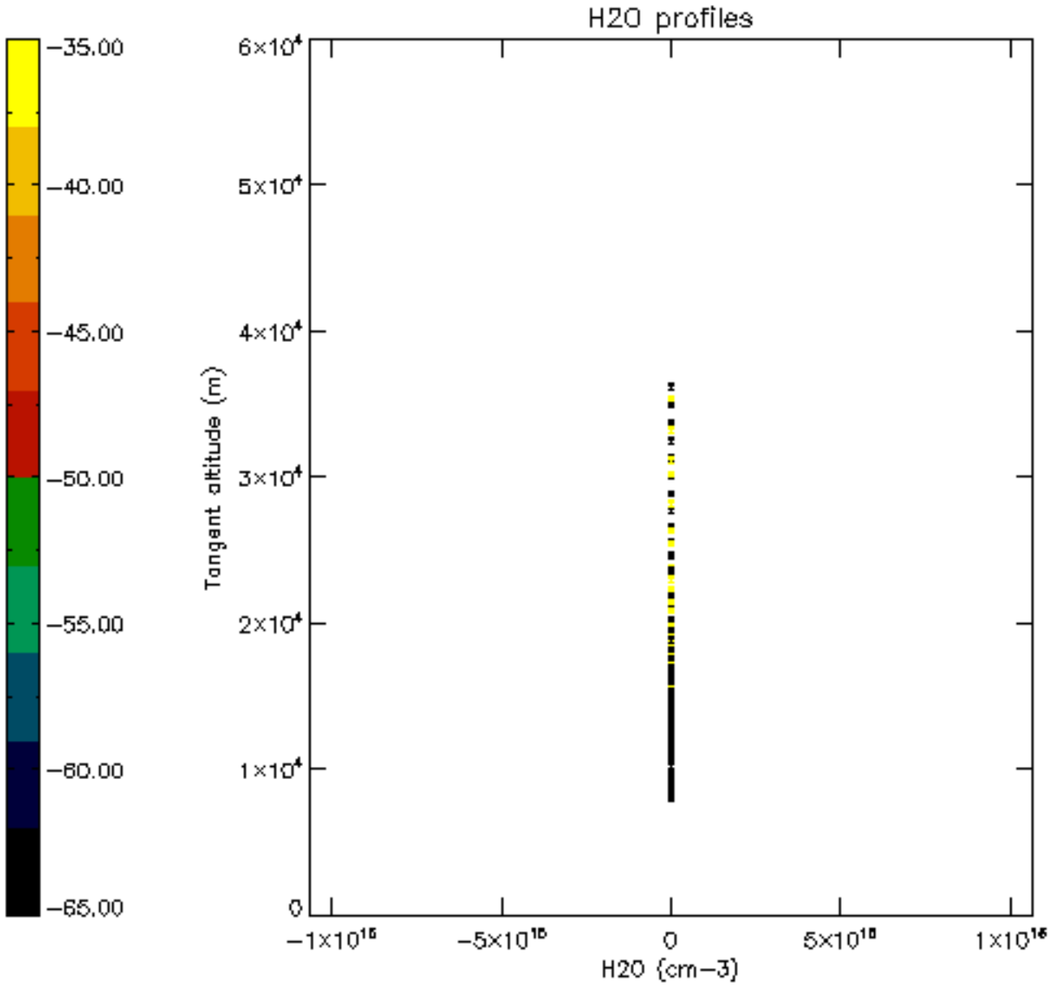


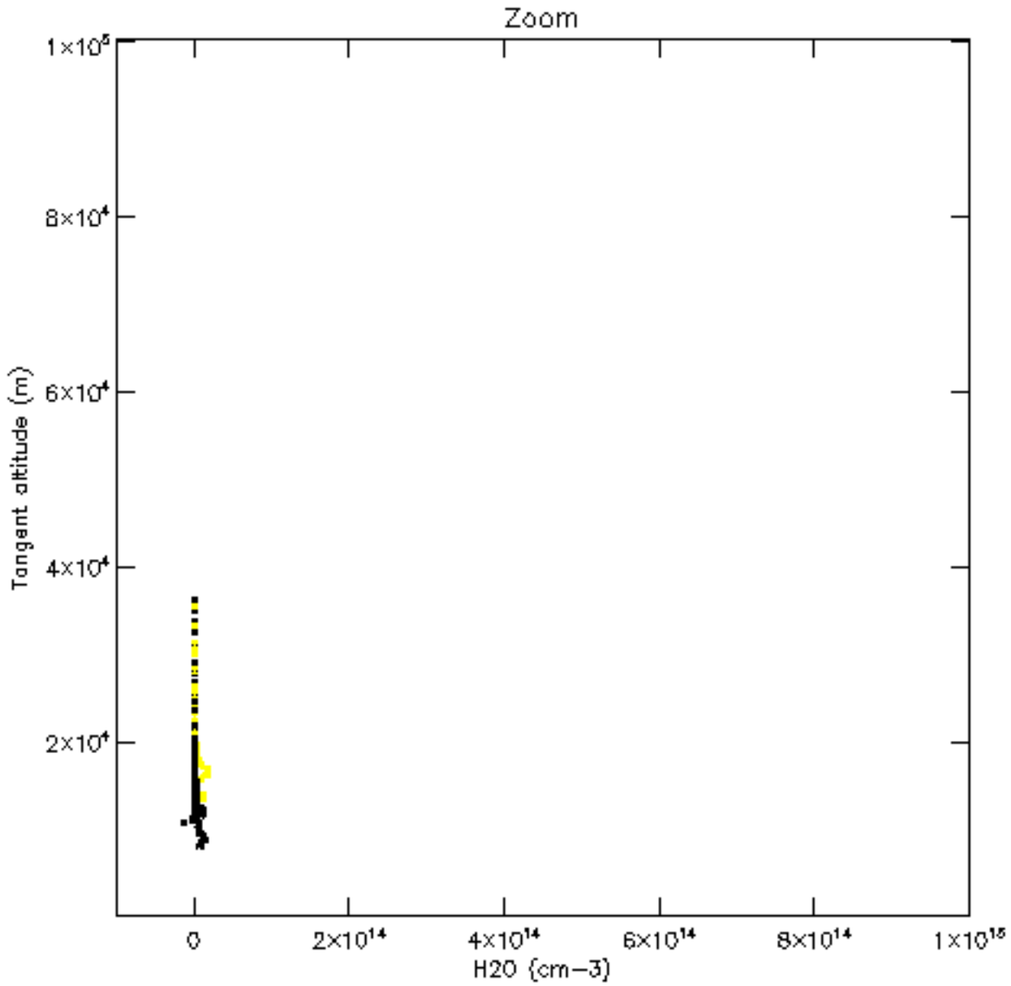

NO2 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
−80.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


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
−1.0×10⁸
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


H2O profiles
−35.00
−40.00
−45.00
−50.00
−55.00
−60.00
−65.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−1×10¹⁶
−5×10¹⁵
0
5×10¹⁵
1×10¹⁶
H2O (cm−3)


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