

GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P).
 It is intended to monitor some important parameters that will impact the quality of these products.
 A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	26APR2013 10:01:06
Data source version	GOMOS/6.01
Start time of products	07-06-2009 (07JUN2009 00:00:00)
Stop time of products	08-06-2009 (08JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	201
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__2PRFIN20090607_000423_000000302079_00374_38003_1243.N1	07-JUN-2009 00:04:23	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38003	No
2	GOM_NL__2PRFIN20090607_001137_000000312079_00374_38003_1244.N1	07-JUN-2009 00:11:37	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38003	No
3	GOM_NL__2PRFIN20090607_002227_000000312079_00374_38003_1245.N1	07-JUN-2009 00:22:27	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38003	No
4	GOM_NL__2PRFIN20090607_002806_000000252079_00374_38003_1246.N1	07-JUN-2009 00:28:06	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	38003	No
5	GOM_NL__2PRFIN20090607_003613_000000242079_00374_38003_1247.N1	07-JUN-2009 00:36:13	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	38003	No
6	GOM_NL__2PRFIN20090607_003905_000000302079_00374_38003_1248.N1	07-JUN-2009 00:39:05	Straylight	29.500	58	21Alp And	2.0730	11000.0	59	38003	No
7	GOM_NL__2PRFIN20090607_004433_000000322079_00374_38003_1249.N1	07-JUN-2009 00:44:33	Dark	32.000	140	88Gam Peg	2.8340	26000.0	64	38003	No
8	GOM_NL__2PRFIN20090607_010321_000000422079_00374_38003_1250.N1	07-JUN-2009 01:03:21	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	38003	No
9	GOM_NL__2PRFIN20090607_010759_000000342079_00375_38004_1253.N1	07-JUN-2009 01:07:59	Dark	34.000	31	Alp Gru	1.7340	15200.0	68	38004	No
10	GOM_NL__2PRFIN20090607_012238_000000322079_00375_38004_1254.N1	07-JUN-2009 01:22:38	Twilight	32.000	38	20Eps Sgr	1.8360	11000.0	64	38004	No
11	GOM_NL__2PRFIN20090607_012437_000000392079_00375_38004_1255.N1	07-JUN-2009 01:24:37	Twilight	39.000	57	34Sig Sgr	2.0660	26000.0	78	38004	No
12	GOM_NL__2PRFIN20090607_012541_000000352079_00375_38004_1256.N1	07-JUN-2009 01:25:41	Twilight	35.000	137	22Lam Sgr	2.8240	4400.0	70	38004	No
13	GOM_NL__2PRFIN20090607_013007_000000292079_00375_38004_1257.N1	07-JUN-2009 01:30:07	Twilight	28.500	86	35Eta Oph	2.4300	10200.0	57	38004	No
14	GOM_NL__2PRFIN20090607_013736_000000372079_00375_38004_1258.N1	07-JUN-2009 01:37:36	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38004	No
15	GOM_NL__2PRFIN20090607_014019_000000372079_00375_38004_1259.N1	07-JUN-2009 01:40:19	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38004	No
16	GOM_NL__2PRFIN20090607_014459_000000302079_00375_38004_1260.N1	07-JUN-2009 01:44:59	Bright	29.500	133	40Zet Her	2.8070	6000.0	59	38004	No
17	GOM_NL__2PRFIN20090607_015212_000000312079_00375_38004_1261.N1	07-JUN-2009 01:52:12	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38004	No
18	GOM_NL__2PRFIN20090607_020302_000000312079_00375_38004_1262.N1	07-JUN-2009 02:03:02	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38004	No
19	GOM_NL__2PRFIN20090607_020841_000000252079_00375_38004_1263.N1	07-JUN-2009 02:08:41	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	38004	No
20	GOM_NL__2PRFIN20090607_021648_000000242079_00375_38004_1264.N1	07-JUN-2009 02:16:48	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	38004	No
21	GOM_NL__2PRFIN20090607_021942_000000302079_00375_38004_1265.N1	07-JUN-2009 02:19:42	Straylight	29.500	58	21Alp And	2.0730	11000.0	59	38004	No
22	GOM_NL__2PRFIN20090607_022510_000000322079_00375_38004_1266.N1	07-JUN-2009 02:25:10	Dark	32.000	140	88Gam Peg	2.8340	26000.0	64	38004	No
23	GOM_NL__2PRFIN20090607_024359_000000422079_00375_38004_1267.N1	07-JUN-2009 02:43:59	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	38004	No
24	GOM_NL__2PRFIN20090607_024836_000000342079_00376_38005_1268.N1	07-JUN-2009 02:48:36	Dark	34.000	31	Alp Gru	1.7340	15200.0	68	38005	No
25	GOM_NL__2PRFIN20090607_030315_000000322079_00376_38005_1269.N1	07-JUN-2009 03:03:15	Twilight	32.000	38	20Eps Sgr	1.8360	11000.0	64	38005	No
26	GOM_NL__2PRFIN20090607_030513_000000392079_00376_38005_1270.N1	07-JUN-2009 03:05:13	Twilight	39.000	57	34Sig Sgr	2.0660	26000.0	78	38005	No
27	GOM_NL__2PRFIN20090607_030617_000000362079_00376_38005_1271.N1	07-JUN-2009 03:06:17	Twilight	35.500	137	22Lam Sgr	2.8240	4400.0	71	38005	No
28	GOM_NL__2PRFIN20090607_031043_000000292079_00376_38005_1272.N1	07-JUN-2009 03:10:43	Twilight	29.000	86	35Eta Oph	2.4300	10200.0	58	38005	No
29	GOM_NL__2PRFIN20090607_031812_000000372079_00376_38005_1273.N1	07-JUN-2009 03:18:12	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38005	No
30	GOM_NL__2PRFIN20090607_032054_000000372079_00376_38005_1274.N1	07-JUN-2009 03:20:54	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38005	No
31	GOM_NL__2PRFIN20090607_032534_000000302079_00376_38005_1275.N1	07-JUN-2009 03:25:34	Bright	29.500	133	40Zet Her	2.8070	6000.0	59	38005	No
32	GOM_NL__2PRFIN20090607_033248_000000312079_00376_38005_1276.N1	07-JUN-2009 03:32:48	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38005	No
33	GOM_NL__2PRFIN20090607_034337_000000312079_00376_38005_1277.N1	07-JUN-2009 03:43:37	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38005	No
34	GOM_NL__2PRFIN20090607_034917_000000262079_00376_38005_1278.N1	07-JUN-2009 03:49:17	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	38005	No
35	GOM_NL__2PRFIN20090607_035725_000000242079_00376_38005_1279.N1	07-JUN-2009 03:57:25	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	38005	No
36	GOM_NL__2PRFIN20090607_040018_000000302079_00376_38005_1280.N1	07-JUN-2009 04:00:18	Straylight	30.000	58	21Alp And	2.0730	11000.0	60	38005	No
37	GOM_NL__2PRFIN20090607_040547_000000322079_00376_38005_1281.N1	07-JUN-2009 04:05:47	Dark	32.000	140	88Gam Peg	2.8340	26000.0	64	38005	No
38	GOM_NL__2PRFIN20090607_042436_000000422079_00376_38005_1282.N1	07-JUN-2009 04:24:36	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	38005	No
39	GOM_NL__2PRFIN20090607_042913_000000342079_00377_38006_1282.N1	07-JUN-2009 04:29:13	Dark	34.000	31	Alp Gru	1.7340	15200.0	68	38006	No
40	GOM_NL__2PRFIN20090607_044351_000000322079_00377_38006_1283.N1	07-JUN-2009 04:43:51	Twilight	31.500	38	20Eps Sgr	1.8360	11000.0	63	38006	No
41	GOM_NL__2PRFIN20090607_044550_000000392079_00377_38006_1284.N1	07-JUN-2009 04:45:50	Twilight	39.000	57	34Sig Sgr	2.0660	26000.0	78	38006	No
42	GOM_NL__2PRFIN20090607_045119_000000292079_00377_38006_1285.N1	07-JUN-2009 04:51:19	Twilight	29.000	86	35Eta Oph	2.4300	10200.0	58	38006	No

43	GOM_NL__2PRFIN20090607_045847_000000372079_00377_38006_1286.N1	07-JUN-2009 04:58:47	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38006	No
44	GOM_NL__2PRFIN20090607_050129_000000372079_00377_38006_1287.N1	07-JUN-2009 05:01:29	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38006	No
45	GOM_NL__2PRFIN20090607_050609_000000312079_00377_38006_1288.N1	07-JUN-2009 05:06:09	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	38006	No
46	GOM_NL__2PRFIN20090607_051323_000000312079_00377_38006_1289.N1	07-JUN-2009 05:13:23	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38006	No
47	GOM_NL__2PRFIN20090607_052413_000000312079_00377_38006_1290.N1	07-JUN-2009 05:24:13	Tw_i_and_stray	30.500	89	5Alp Cep	2.4510	8000.0	61	38006	No
48	GOM_NL__2PRFIN20090607_052953_000000262079_00377_38006_1291.N1	07-JUN-2009 05:29:53	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38006	No
49	GOM_NL__2PRFIN20090607_053801_000000242079_00377_38006_1292.N1	07-JUN-2009 05:38:01	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38006	No
50	GOM_NL__2PRFIN20090607_054054_000000302079_00377_38006_1293.N1	07-JUN-2009 05:40:54	Straylight	29.500	58	21Alp And	2.0730	11000.	59	38006	No
51	GOM_NL__2PRFIN20090607_054623_000000332079_00377_38006_1294.N1	07-JUN-2009 05:46:23	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38006	No
52	GOM_NL__2PRFIN20090607_060513_000000422079_00377_38006_1295.N1	07-JUN-2009 06:05:13	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38006	No
53	GOM_NL__2PRFIN20090607_060950_000000342079_00378_38007_1296.N1	07-JUN-2009 06:09:50	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38007	No
54	GOM_NL__2PRFIN20090607_062427_000000322079_00378_38007_1297.N1	07-JUN-2009 06:24:27	Tw_i_and_stray	32.000	38	20Eps Sgr	1.8360	11000.	64	38007	No
55	GOM_NL__2PRFIN20090607_062626_000000392079_00378_38007_1298.N1	07-JUN-2009 06:26:26	Tw_i_and_stray	39.000	57	34Sig Sgr	2.0660	26000.	78	38007	No
56	GOM_NL__2PRFIN20090607_063155_000000292079_00378_38007_1299.N1	07-JUN-2009 06:31:55	Tw_i_and_stray	28.500	86	35Eta Oph	2.4300	10200.	57	38007	No
57	GOM_NL__2PRFIN20090607_063923_000000372079_00378_38007_1300.N1	07-JUN-2009 06:39:23	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38007	No
58	GOM_NL__2PRFIN20090607_064205_000000372079_00378_38007_1301.N1	07-JUN-2009 06:42:05	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38007	No
59	GOM_NL__2PRFIN20090607_064645_000000302079_00378_38007_1302.N1	07-JUN-2009 06:46:45	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38007	No
60	GOM_NL__2PRFIN20090607_065359_000000312079_00378_38007_1303.N1	07-JUN-2009 06:53:59	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38007	No
61	GOM_NL__2PRFIN20090607_070448_000000312079_00378_38007_1304.N1	07-JUN-2009 07:04:48	Tw_i_and_stray	30.500	89	5Alp Cep	2.4510	8000.0	61	38007	No
62	GOM_NL__2PRFIN20090607_071028_000000262079_00378_38007_1305.N1	07-JUN-2009 07:10:28	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38007	No
63	GOM_NL__2PRFIN20090607_071837_000000242079_00378_38007_1306.N1	07-JUN-2009 07:18:37	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38007	No
64	GOM_NL__2PRFIN20090607_072130_000000302079_00378_38007_1307.N1	07-JUN-2009 07:21:30	Straylight	30.000	58	21Alp And	2.0730	11000.	60	38007	No
65	GOM_NL__2PRFIN20090607_072700_000000332079_00378_38007_1308.N1	07-JUN-2009 07:27:00	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38007	No
66	GOM_NL__2PRFIN20090607_074551_000000422079_00379_38008_1310.N1	07-JUN-2009 07:45:51	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38008	No
67	GOM_NL__2PRFIN20090607_075027_000000342079_00379_38008_1311.N1	07-JUN-2009 07:50:27	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38008	No
68	GOM_NL__2PRFIN20090607_080504_000000322079_00379_38008_1312.N1	07-JUN-2009 08:05:04	Tw_i_and_stray	32.000	38	20Eps Sgr	1.8360	11000.	64	38008	No
69	GOM_NL__2PRFIN20090607_080703_000000392079_00379_38008_1313.N1	07-JUN-2009 08:07:03	Tw_i_and_stray	38.500	57	34Sig Sgr	2.0660	26000.	77	38008	No
70	GOM_NL__2PRFIN20090607_081231_000000292079_00379_38008_1314.N1	07-JUN-2009 08:12:31	Tw_i_and_stray	28.500	86	35Eta Oph	2.4300	10200.	57	38008	No
71	GOM_NL__2PRFIN20090607_081958_000000372079_00379_38008_1315.N1	07-JUN-2009 08:19:58	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38008	No
72	GOM_NL__2PRFIN20090607_082240_000000362079_00379_38008_1316.N1	07-JUN-2009 08:22:40	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	38008	No
73	GOM_NL__2PRFIN20090607_082721_000000302079_00379_38008_1317.N1	07-JUN-2009 08:27:21	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38008	No
74	GOM_NL__2PRFIN20090607_083434_000000312079_00379_38008_1318.N1	07-JUN-2009 08:34:34	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38008	No
75	GOM_NL__2PRFIN20090607_084523_000000312079_00379_38008_1319.N1	07-JUN-2009 08:45:23	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38008	No
76	GOM_NL__2PRFIN20090607_085104_000000262079_00379_38008_1320.N1	07-JUN-2009 08:51:04	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38008	No
77	GOM_NL__2PRFIN20090607_085913_000000242079_00379_38008_1321.N1	07-JUN-2009 08:59:13	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38008	No
78	GOM_NL__2PRFIN20090607_090206_000000302079_00379_38008_1322.N1	07-JUN-2009 09:02:06	Straylight	30.000	58	21Alp And	2.0730	11000.	60	38008	No
79	GOM_NL__2PRFIN20090607_090736_000000332079_00379_38008_1323.N1	07-JUN-2009 09:07:36	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38008	No
80	GOM_NL__2PRFIN20090607_092628_000000422079_00380_38009_1324.N1	07-JUN-2009 09:26:28	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38009	No
81	GOM_NL__2PRFIN20090607_093104_000000342079_00380_38009_1325.N1	07-JUN-2009 09:31:04	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38009	No
82	GOM_NL__2PRFIN20090607_094540_000000332079_00380_38009_1326.N1	07-JUN-2009 09:45:40	Tw_i_and_stray	32.500	38	20Eps Sgr	1.8360	11000.	65	38009	No
83	GOM_NL__2PRFIN20090607_094739_000000392079_00380_38009_1327.N1	07-JUN-2009 09:47:39	Tw_i_and_stray	39.000	57	34Sig Sgr	2.0660	26000.	78	38009	No
84	GOM_NL__2PRFIN20090607_095307_000000282079_00380_38009_1328.N1	07-JUN-2009 09:53:07	Tw_i_and_stray	28.000	86	35Eta Oph	2.4300	10200.	56	38009	No
85	GOM_NL__2PRFIN20090607_100034_000000372079_00380_38009_1329.N1	07-JUN-2009 10:00:34	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	38009	No
86	GOM_NL__2PRFIN20090607_100315_000000362079_00380_38009_1330.N1	07-JUN-2009 10:03:15	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	38009	No
87	GOM_NL__2PRFIN20090607_100756_000000302079_00380_38009_1331.N1	07-JUN-2009 10:07:56	Bright	29.500	133	40Zet Her	2.8070	6000.0	59	38009	No
88	GOM_NL__2PRFIN20090607_101509_000000322079_00380_38009_1332.N1	07-JUN-2009 10:15:09	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	38009	No
89	GOM_NL__2PRFIN20090607_102559_000000312079_00380_38009_1333.N1	07-JUN-2009 10:25:59	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38009	No
90	GOM_NL__2PRFIN20090607_103140_000000262079_00380_38009_1334.N1	07-JUN-2009 10:31:40	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38009	No
91	GOM_NL__2PRFIN20090607_103949_000000242079_00380_38009_1335.N1	07-JUN-2009 10:39:49	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38009	No
92	GOM_NL__2PRFIN20090607_104243_000000302079_00380_38009_1336.N1	07-JUN-2009 10:42:43	Straylight	30.000	58	21Alp And	2.0730	11000.	60	38009	No
93	GOM_NL__2PRFIN20090607_104813_000000332079_00380_38009_1337.N1	07-JUN-2009 10:48:13	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38009	No
94	GOM_NL__2PRFIN20090607_110706_000000422079_00381_38010_1358.N1	07-JUN-2009 11:07:06	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38010	No
95	GOM_NL__2PRFIN20090607_111141_000000342079_00381_38010_1359.N1	07-JUN-2009 11:11:41	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38010	No
96	GOM_NL__2PRFIN20090607_112617_000000322079_00381_38010_1360.N1	07-JUN-2009 11:26:17	Tw_i_and_stray	32.000	38	20Eps Sgr	1.8360	11000.	64	38010	No
97	GOM_NL__2PRFIN20090607_112816_000000392079_00381_38010_1361.N1	07-JUN-2009 11:28:16	Tw_i_and_stray	38.500	57	34Sig Sgr	2.0660	26000.	77	38010	No
98	GOM_NL__2PRFIN20090607_113343_000000292079_00381_38010_1362.N1	07-JUN-2009 11:33:43	Bright	29.000	86	35Eta Oph	2.4300	10200.	58	38010	No
99	GOM_NL__2PRFIN20090607_114109_000000372079_00381_38010_1363.N1	07-JUN-2009 11:41:09	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	38010	No
100	GOM_NL__2PRFIN20090607_114351_000000362079_00381_38010_1364.N1	07-JUN-2009 11:43:51	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	38010	No
101	GOM_NL__2PRFIN20090607_114832_000000302079_00381_38010_1365.N1	07-JUN-2009 11:48:32	Bright	29.500	133	40Zet Her	2.8070	6000.0	59	38010	No

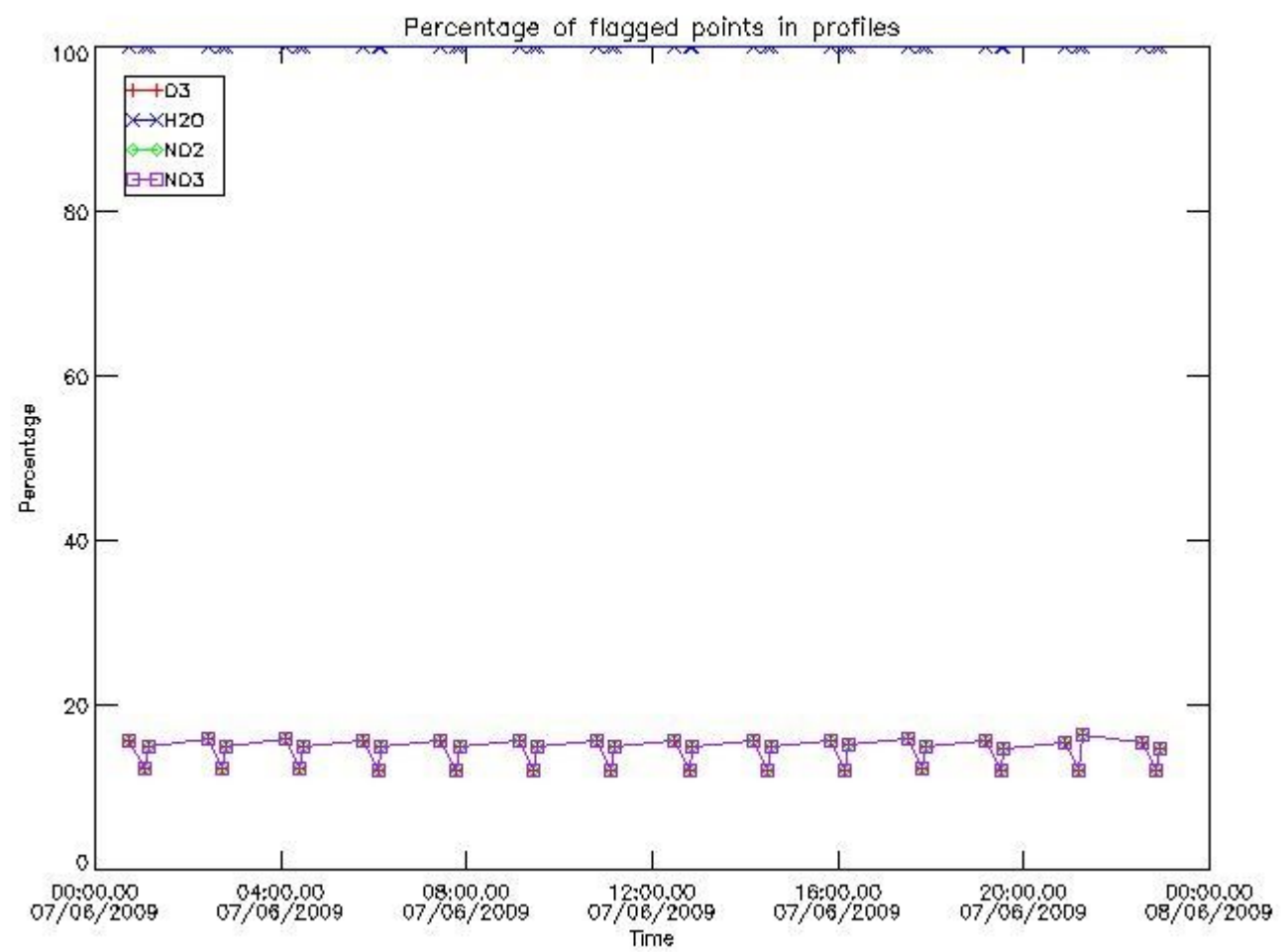
102	GOM_NL__2PRFIN20090607_115545_000000312079_00381_38010_1366.N1	07-JUN-2009 11:55:45	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38010	No
103	GOM_NL__2PRFIN20090607_121215_000000262079_00381_38010_1367.N1	07-JUN-2009 12:12:15	Twi_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38010	No
104	GOM_NL__2PRFIN20090607_122025_000000242079_00381_38010_1368.N1	07-JUN-2009 12:20:25	Twi_and_stray	24.000	53	43Bet And	2.0480	3300.0	48	38010	No
105	GOM_NL__2PRFIN20090607_122319_000000302079_00381_38010_1369.N1	07-JUN-2009 12:23:19	Straylight	30.000	58	21Alp And	2.0730	11000.	60	38010	No
106	GOM_NL__2PRFIN20090607_122850_000000332079_00381_38010_1370.N1	07-JUN-2009 12:28:50	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38010	No
107	GOM_NL__2PRFIN20090607_124743_000000422079_00382_38011_1372.N1	07-JUN-2009 12:47:43	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38011	No
108	GOM_NL__2PRFIN20090607_125218_000000342079_00382_38011_1373.N1	07-JUN-2009 12:52:18	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38011	No
109	GOM_NL__2PRFIN20090607_130653_000000322079_00382_38011_1374.N1	07-JUN-2009 13:06:53	Twi_and_stray	31.500	38	20Eps Sgr	1.8360	11000.	63	38011	No
110	GOM_NL__2PRFIN20090607_130852_000000392079_00382_38011_1375.N1	07-JUN-2009 13:08:52	Twi_and_stray	38.500	57	34Sig Sgr	2.0660	26000.	77	38011	No
111	GOM_NL__2PRFIN20090607_131419_000000292079_00382_38011_1376.N1	07-JUN-2009 13:14:19	Twi_and_stray	29.000	86	35Eta Oph	2.4300	10200.	58	38011	No
112	GOM_NL__2PRFIN20090607_132145_000000372079_00382_38011_1377.N1	07-JUN-2009 13:21:45	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	38011	No
113	GOM_NL__2PRFIN20090607_132426_000000372079_00382_38011_1378.N1	07-JUN-2009 13:24:26	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38011	No
114	GOM_NL__2PRFIN20090607_132908_000000302079_00382_38011_1379.N1	07-JUN-2009 13:29:08	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38011	No
115	GOM_NL__2PRFIN20090607_133620_000000312079_00382_38011_1380.N1	07-JUN-2009 13:36:20	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38011	No
116	GOM_NL__2PRFIN20090607_134709_000000312079_00382_38011_1381.N1	07-JUN-2009 13:47:09	Twi_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38011	No
117	GOM_NL__2PRFIN20090607_135251_000000262079_00382_38011_1382.N1	07-JUN-2009 13:52:51	Twi_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38011	No
118	GOM_NL__2PRFIN20090607_140101_000000242079_00382_38011_1383.N1	07-JUN-2009 14:01:01	Twi_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38011	No
119	GOM_NL__2PRFIN20090607_140354_000000302079_00382_38011_1384.N1	07-JUN-2009 14:03:54	Straylight	30.000	58	21Alp And	2.0730	11000.	60	38011	No
120	GOM_NL__2PRFIN20090607_140926_000000332079_00382_38011_1385.N1	07-JUN-2009 14:09:26	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38011	No
121	GOM_NL__2PRFIN20090607_142820_000000422079_00383_38012_1386.N1	07-JUN-2009 14:28:20	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38012	No
122	GOM_NL__2PRFIN20090607_143254_000000342079_00383_38012_1387.N1	07-JUN-2009 14:32:54	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38012	No
123	GOM_NL__2PRFIN20090607_144730_000000322079_00383_38012_1388.N1	07-JUN-2009 14:47:30	Twi_and_stray	31.500	38	20Eps Sgr	1.8360	11000.	63	38012	No
124	GOM_NL__2PRFIN20090607_144928_000000382079_00383_38012_1389.N1	07-JUN-2009 14:49:28	Twi_and_stray	38.000	57	34Sig Sgr	2.0660	26000.	76	38012	No
125	GOM_NL__2PRFIN20090607_145455_000000292079_00383_38012_1390.N1	07-JUN-2009 14:54:55	Twi_and_stray	29.000	86	35Eta Oph	2.4300	10200.	58	38012	No
126	GOM_NL__2PRFIN20090607_150220_000000372079_00383_38012_1391.N1	07-JUN-2009 15:02:20	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38012	No
127	GOM_NL__2PRFIN20090607_150502_000000362079_00383_38012_1392.N1	07-JUN-2009 15:05:02	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	38012	No
128	GOM_NL__2PRFIN20090607_150943_000000302079_00383_38012_1393.N1	07-JUN-2009 15:09:43	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38012	No
129	GOM_NL__2PRFIN20090607_151656_000000312079_00383_38012_1394.N1	07-JUN-2009 15:16:56	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38012	No
130	GOM_NL__2PRFIN20090607_152744_000000312079_00383_38012_1395.N1	07-JUN-2009 15:27:44	Twi_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38012	No
131	GOM_NL__2PRFIN20090607_153327_000000252079_00383_38012_1396.N1	07-JUN-2009 15:33:27	Twi_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	38012	No
132	GOM_NL__2PRFIN20090607_154137_000000242079_00383_38012_1397.N1	07-JUN-2009 15:41:37	Twi_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38012	No
133	GOM_NL__2PRFIN20090607_154431_000000302079_00383_38012_1398.N1	07-JUN-2009 15:44:31	Straylight	30.000	58	21Alp And	2.0730	11000.	60	38012	No
134	GOM_NL__2PRFIN20090607_155003_000000332079_00383_38012_1399.N1	07-JUN-2009 15:50:03	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38012	No
135	GOM_NL__2PRFIN20090607_160858_000000422079_00384_38013_1402.N1	07-JUN-2009 16:08:58	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38013	No
136	GOM_NL__2PRFIN20090607_161332_000000342079_00384_38013_1403.N1	07-JUN-2009 16:13:32	Dark	33.500	31	Alp Gru	1.7340	15200.	67	38013	No
137	GOM_NL__2PRFIN20090607_162806_000000322079_00384_38013_1404.N1	07-JUN-2009 16:28:06	Twi_and_stray	31.500	38	20Eps Sgr	1.8360	11000.	63	38013	No
138	GOM_NL__2PRFIN20090607_163005_000000392079_00384_38013_1405.N1	07-JUN-2009 16:30:05	Twi_and_stray	38.500	57	34Sig Sgr	2.0660	26000.	77	38013	No
139	GOM_NL__2PRFIN20090607_163531_000000292079_00384_38013_1406.N1	07-JUN-2009 16:35:31	Twi_and_stray	29.000	86	35Eta Oph	2.4300	10200.	58	38013	No
140	GOM_NL__2PRFIN20090607_164255_000000372079_00384_38013_1407.N1	07-JUN-2009 16:42:55	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	38013	No
141	GOM_NL__2PRFIN20090607_164537_000000362079_00384_38013_1408.N1	07-JUN-2009 16:45:37	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	38013	No
142	GOM_NL__2PRFIN20090607_165019_000000302079_00384_38013_1409.N1	07-JUN-2009 16:50:19	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38013	No
143	GOM_NL__2PRFIN20090607_165731_000000312079_00384_38013_1410.N1	07-JUN-2009 16:57:31	Bright	30.500	130	23Bet Dra	2.7990	5800.0	61	38013	No
144	GOM_NL__2PRFIN20090607_170820_000000312079_00384_38013_1411.N1	07-JUN-2009 17:08:20	Twi_and_stray	30.500	89	5Alp Cep	2.4510	8000.0	61	38013	No
145	GOM_NL__2PRFIN20090607_171402_000000252079_00384_38013_1412.N1	07-JUN-2009 17:14:02	Twi_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	38013	No
146	GOM_NL__2PRFIN20090607_172213_000000242079_00384_38013_1413.N1	07-JUN-2009 17:22:13	Twi_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38013	No
147	GOM_NL__2PRFIN20090607_172507_000000302079_00384_38013_1414.N1	07-JUN-2009 17:25:07	Straylight	29.500	58	21Alp And	2.0730	11000.	59	38013	No
148	GOM_NL__2PRFIN20090607_173039_000000322079_00384_38013_1415.N1	07-JUN-2009 17:30:39	Dark	32.000	140	88Gam Peg	2.8340	26000.	64	38013	No
149	GOM_NL__2PRFIN20090607_174935_000000422079_00385_38014_1418.N1	07-JUN-2009 17:49:35	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	38014	No
150	GOM_NL__2PRFIN20090607_175409_000000342079_00385_38014_1419.N1	07-JUN-2009 17:54:09	Dark	33.500	31	Alp Gru	1.7340	15200.	67	38014	No
151	GOM_NL__2PRFIN20090607_180842_000000322079_00385_38014_1420.N1	07-JUN-2009 18:08:42	Twi_and_stray	31.500	38	20Eps Sgr	1.8360	11000.	63	38014	No
152	GOM_NL__2PRFIN20090607_181041_000000392079_00385_38014_1421.N1	07-JUN-2009 18:10:41	Twi_and_stray	38.500	57	34Sig Sgr	2.0660	26000.	77	38014	No
153	GOM_NL__2PRFIN20090607_181607_000000292079_00385_38014_1422.N1	07-JUN-2009 18:16:07	Twi_and_stray	28.500	86	35Eta Oph	2.4300	10200.	57	38014	No
154	GOM_NL__2PRFIN20090607_182331_000000372079_00385_38014_1423.N1	07-JUN-2009 18:23:31	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	38014	No
155	GOM_NL__2PRFIN20090607_182613_000000362079_00385_38014_1424.N1	07-JUN-2009 18:26:13	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	38014	No
156	GOM_NL__2PRFIN20090607_183054_000000302079_00385_38014_1425.N1	07-JUN-2009 18:30:54	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38014	No
157	GOM_NL__2PRFIN20090607_183806_000000312079_00385_38014_1426.N1	07-JUN-2009 18:38:06	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38014	No
158	GOM_NL__2PRFIN20090607_184855_000000312079_00385_38014_1427.N1	07-JUN-2009 18:48:55	Twi_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38014	No
159	GOM_NL__2PRFIN20090607_185438_000000262079_00385_38014_1428.N1	07-JUN-2009 18:54:38	Twi_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38014	No
160	GOM_NL__2PRFIN20090607_190249_000000242079_00385_38014_1429.N1	07-JUN-2009 19:02:49	Twi_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38014	No

161	GOM_NL__2PRFIN20090607_190543_000000302079_00385_38014_1430.N1	07-JUN-2009 19:05:43	Straylight	30.000	58	21Alp And	2.0730	11000.	60	38014	No
162	GOM_NL__2PRFIN20090607_191116_000000332079_00385_38014_1431.N1	07-JUN-2009 19:11:16	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38014	No
163	GOM_NL__2PRFIN20090607_193013_000000422079_00386_38015_1433.N1	07-JUN-2009 19:30:13	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38015	No
164	GOM_NL__2PRFIN20090607_193445_000000342079_00386_38015_1434.N1	07-JUN-2009 19:34:45	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38015	No
165	GOM_NL__2PRFIN20090607_194919_000000322079_00386_38015_1435.N1	07-JUN-2009 19:49:19	Tw_i_and_stray	31.500	38	20Eps Sgr	1.8360	11000.	63	38015	No
166	GOM_NL__2PRFIN20090607_195118_000000382079_00386_38015_1436.N1	07-JUN-2009 19:51:18	Tw_i_and_stray	38.000	57	34Sig Sgr	2.0660	26000.	76	38015	No
167	GOM_NL__2PRFIN20090607_195643_000000292079_00386_38015_1437.N1	07-JUN-2009 19:56:43	Tw_i_and_stray	29.000	86	35Eta Oph	2.4300	10200.	58	38015	No
168	GOM_NL__2PRFIN20090607_200406_000000372079_00386_38015_1438.N1	07-JUN-2009 20:04:06	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	38015	No
169	GOM_NL__2PRFIN20090607_200648_000000362079_00386_38015_1439.N1	07-JUN-2009 20:06:48	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	38015	No
170	GOM_NL__2PRFIN20090607_201130_000000302079_00386_38015_1440.N1	07-JUN-2009 20:11:30	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38015	No
171	GOM_NL__2PRFIN20090607_201842_000000312079_00386_38015_1441.N1	07-JUN-2009 20:18:42	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38015	No
172	GOM_NL__2PRFIN20090607_202930_000000312079_00386_38015_1442.N1	07-JUN-2009 20:29:30	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38015	No
173	GOM_NL__2PRFIN20090607_203514_000000252079_00386_38015_1443.N1	07-JUN-2009 20:35:14	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	38015	No
174	GOM_NL__2PRFIN20090607_204325_000000242079_00386_38015_1444.N1	07-JUN-2009 20:43:25	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38015	No
175	GOM_NL__2PRFIN20090607_204620_000000302079_00386_38015_1445.N1	07-JUN-2009 20:46:20	Straylight	30.000	58	21Alp And	2.0730	11000.	60	38015	No
176	GOM_NL__2PRFIN20090607_205152_000000332079_00386_38015_1446.N1	07-JUN-2009 20:51:52	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38015	No
177	GOM_NL__2PRFIN20090607_211050_000000422079_00387_38016_1450.N1	07-JUN-2009 21:10:50	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38016	No
178	GOM_NL__2PRFIN20090607_211522_000000342079_00387_38016_1451.N1	07-JUN-2009 21:15:22	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38016	No
179	GOM_NL__2PRFIN20090607_212955_000000322079_00387_38016_1452.N1	07-JUN-2009 21:29:55	Tw_i_and_stray	31.500	38	20Eps Sgr	1.8360	11000.	63	38016	No
180	GOM_NL__2PRFIN20090607_213154_000000392079_00387_38016_1453.N1	07-JUN-2009 21:31:54	Tw_i_and_stray	38.500	57	34Sig Sgr	2.0660	26000.	77	38016	No
181	GOM_NL__2PRFIN20090607_213719_000000292079_00387_38016_1454.N1	07-JUN-2009 21:37:19	Tw_i_and_stray	29.000	86	35Eta Oph	2.4300	10200.	58	38016	No
182	GOM_NL__2PRFIN20090607_214442_000000362079_00387_38016_1455.N1	07-JUN-2009 21:44:42	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	38016	No
183	GOM_NL__2PRFIN20090607_214723_000000362079_00387_38016_1456.N1	07-JUN-2009 21:47:23	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	38016	No
184	GOM_NL__2PRFIN20090607_215205_000000302079_00387_38016_1457.N1	07-JUN-2009 21:52:05	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38016	No
185	GOM_NL__2PRFIN20090607_215917_000000312079_00387_38016_1458.N1	07-JUN-2009 21:59:17	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38016	No
186	GOM_NL__2PRFIN20090607_221006_000000312079_00387_38016_1459.N1	07-JUN-2009 22:10:06	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38016	No
187	GOM_NL__2PRFIN20090607_221549_000000262079_00387_38016_1460.N1	07-JUN-2009 22:15:49	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38016	No
188	GOM_NL__2PRFIN20090607_222401_000000242079_00387_38016_1461.N1	07-JUN-2009 22:24:01	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38016	No
189	GOM_NL__2PRFIN20090607_222655_000000312079_00387_38016_1462.N1	07-JUN-2009 22:26:55	Straylight	30.500	58	21Alp And	2.0730	11000.	61	38016	No
190	GOM_NL__2PRFIN20090607_223229_000000332079_00387_38016_1463.N1	07-JUN-2009 22:32:29	Dark	33.000	140	88Gam Peg	2.8340	26000.	66	38016	No
191	GOM_NL__2PRFIN20090607_225127_000000422079_00388_38017_1469.N1	07-JUN-2009 22:51:27	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38017	No
192	GOM_NL__2PRFIN20090607_225559_000000352079_00388_38017_1470.N1	07-JUN-2009 22:55:59	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38017	No
193	GOM_NL__2PRFIN20090607_231031_000000322079_00388_38017_1471.N1	07-JUN-2009 23:10:31	Tw_i_and_stray	32.000	38	20Eps Sgr	1.8360	11000.	64	38017	No
194	GOM_NL__2PRFIN20090607_231230_000000392079_00388_38017_1472.N1	07-JUN-2009 23:12:30	Tw_i_and_stray	38.500	57	34Sig Sgr	2.0660	26000.	77	38017	No
195	GOM_NL__2PRFIN20090607_231759_000000252079_00388_38017_1473.N1	07-JUN-2009 23:17:59	Tw_i_and_stray	25.000	86	35Eta Oph	2.4300	10200.	50	38017	No
196	GOM_NL__2PRFIN20090607_232517_000000372079_00388_38017_1474.N1	07-JUN-2009 23:25:17	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	38017	No
197	GOM_NL__2PRFIN20090607_232759_000000362079_00388_38017_1475.N1	07-JUN-2009 23:27:59	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	38017	No
198	GOM_NL__2PRFIN20090607_233241_000000302079_00388_38017_1476.N1	07-JUN-2009 23:32:41	Bright	29.500	133	40Zet Her	2.8070	6000.0	59	38017	No
199	GOM_NL__2PRFIN20090607_233952_000000312079_00388_38017_1477.N1	07-JUN-2009 23:39:52	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38017	No
200	GOM_NL__2PRFIN20090607_235041_000000312079_00388_38017_1478.N1	07-JUN-2009 23:50:41	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38017	No
201	GOM_NL__2PRFIN20090607_235625_000000262079_00388_38017_1479.N1	07-JUN-2009 23:56:25	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38017	No

3. Quality information per product

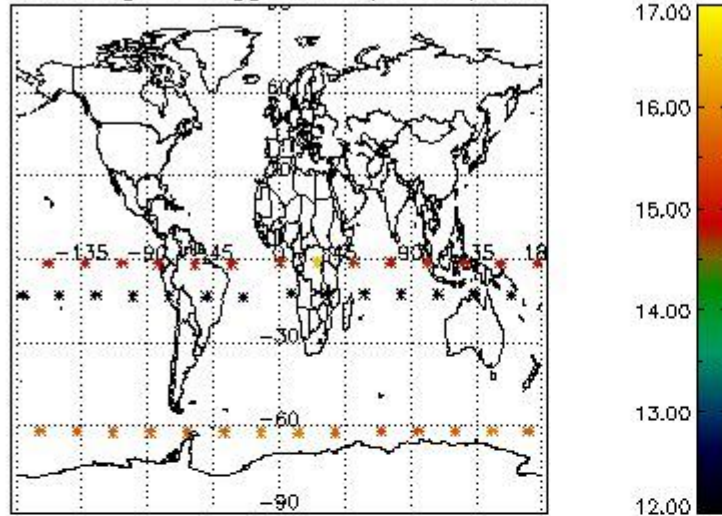
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

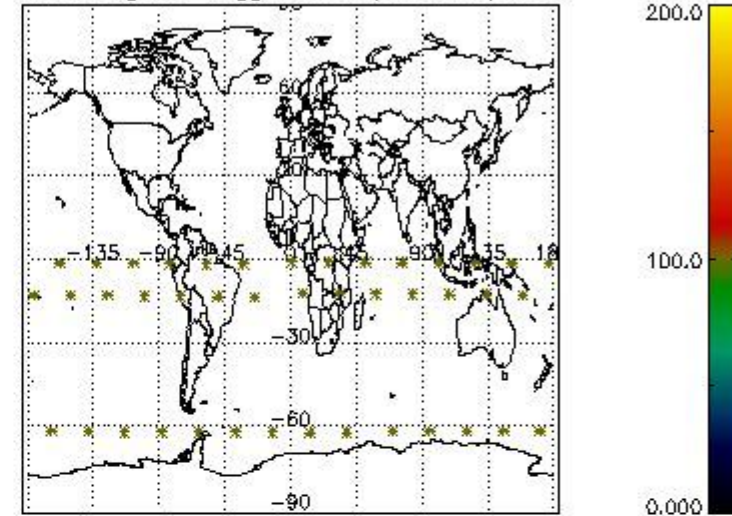


3.2 Plot quality information per product (world map)

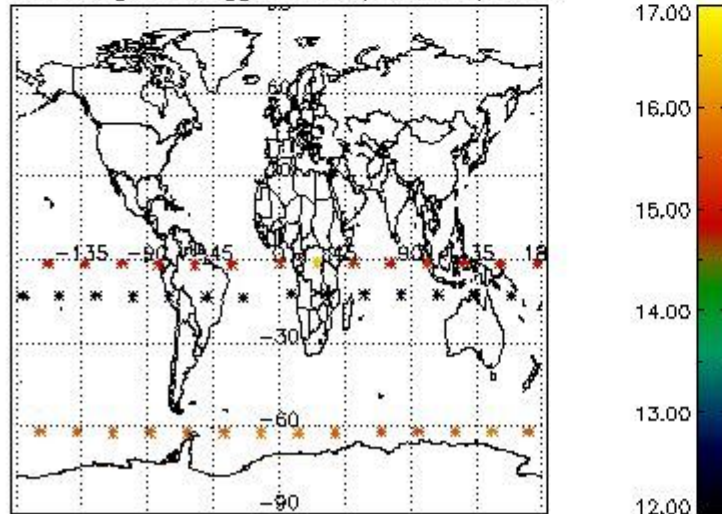
Percentage of flagged data per O3 profile



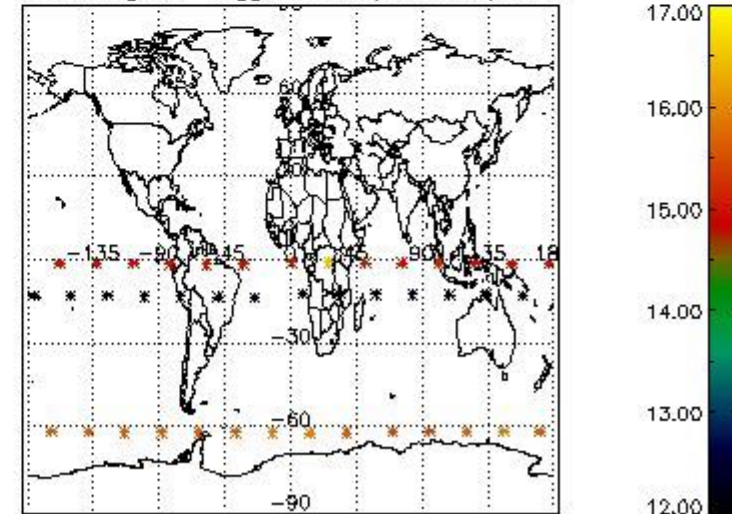
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

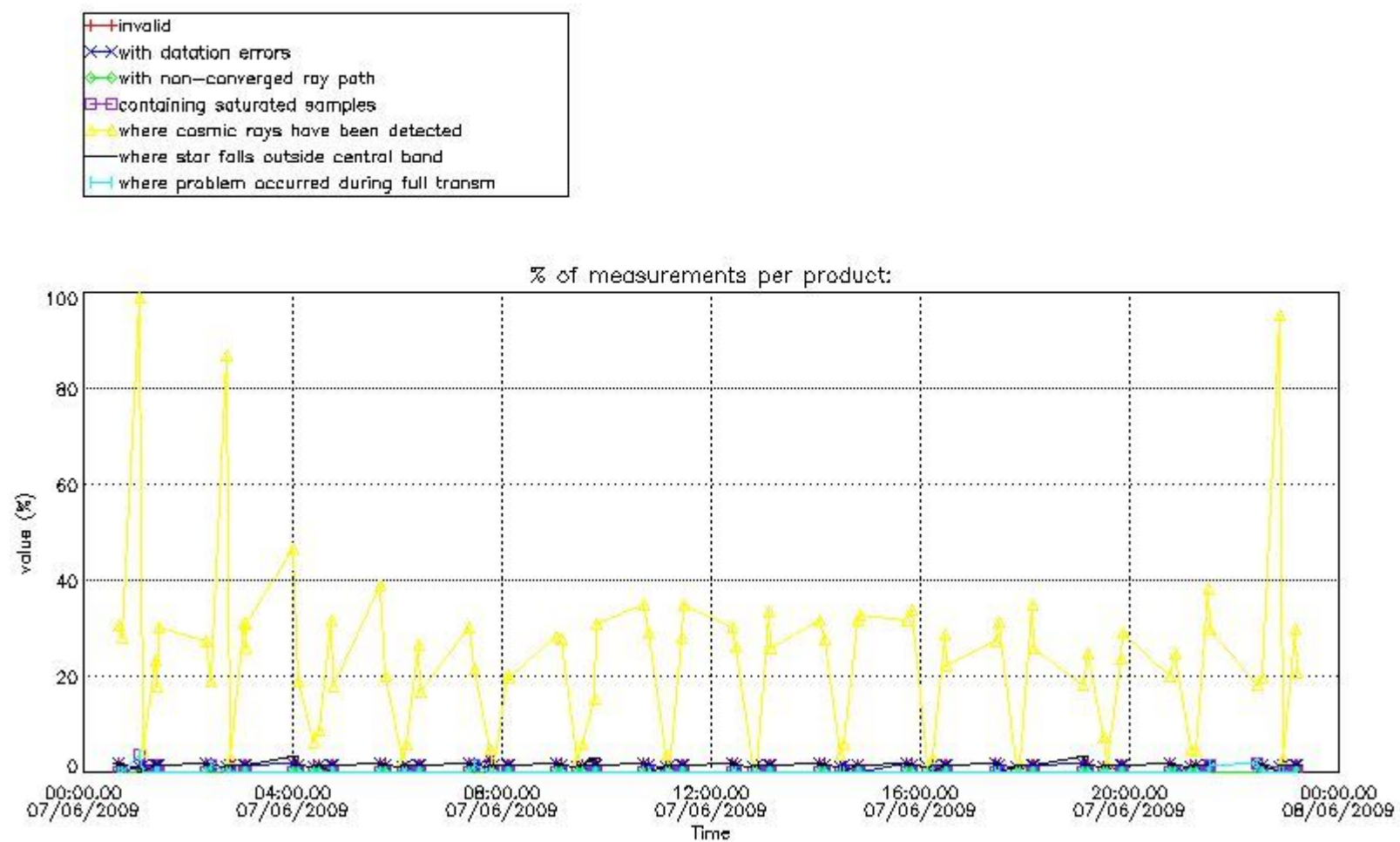


4. Level 1 quality information per product

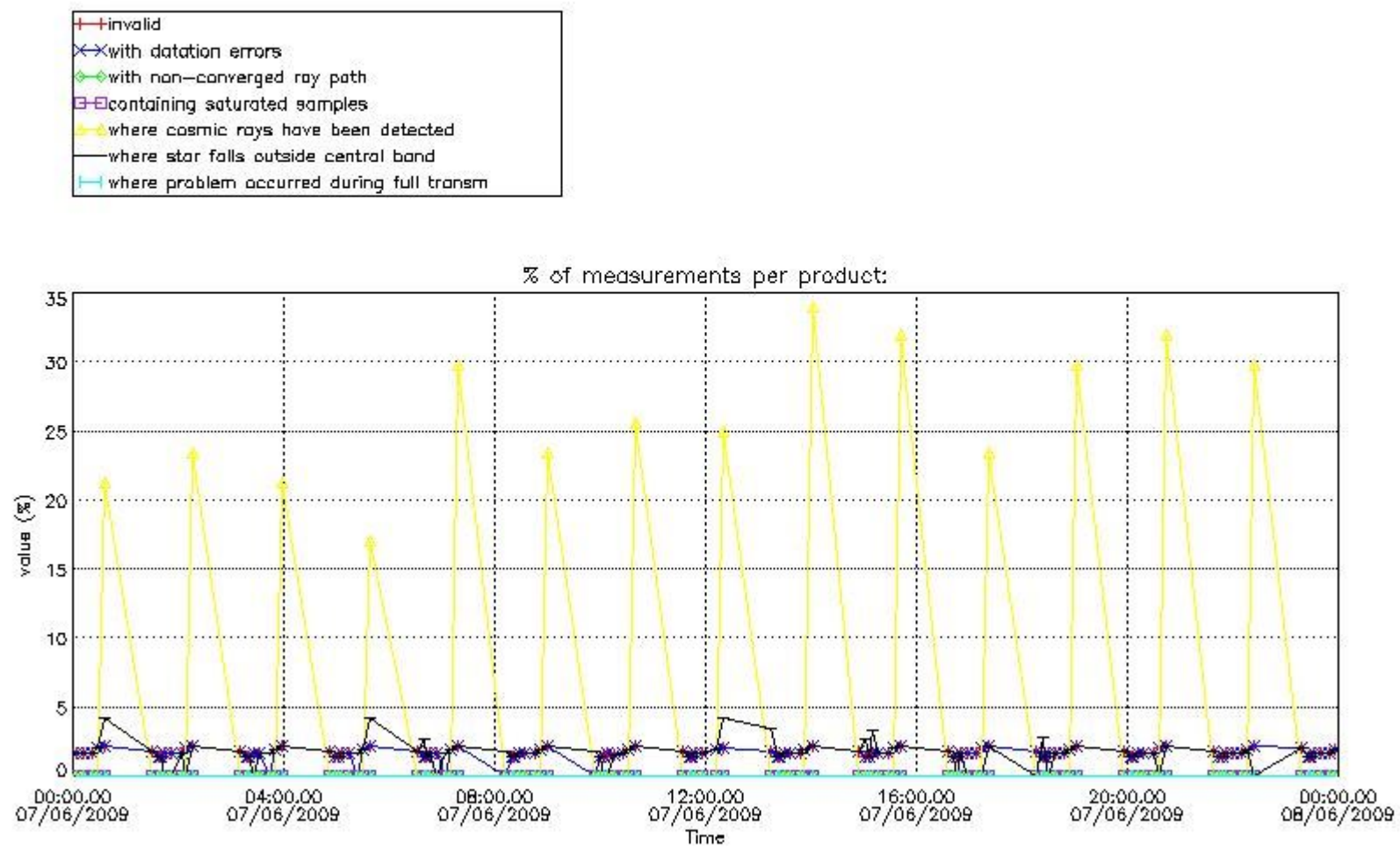
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

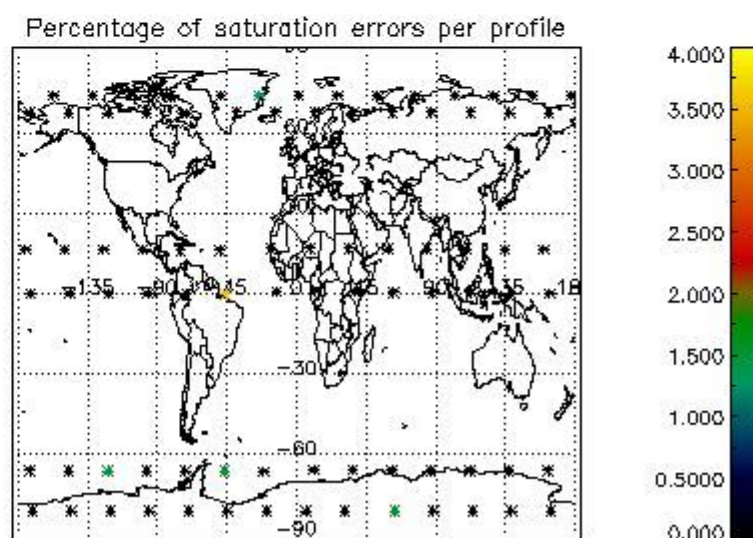
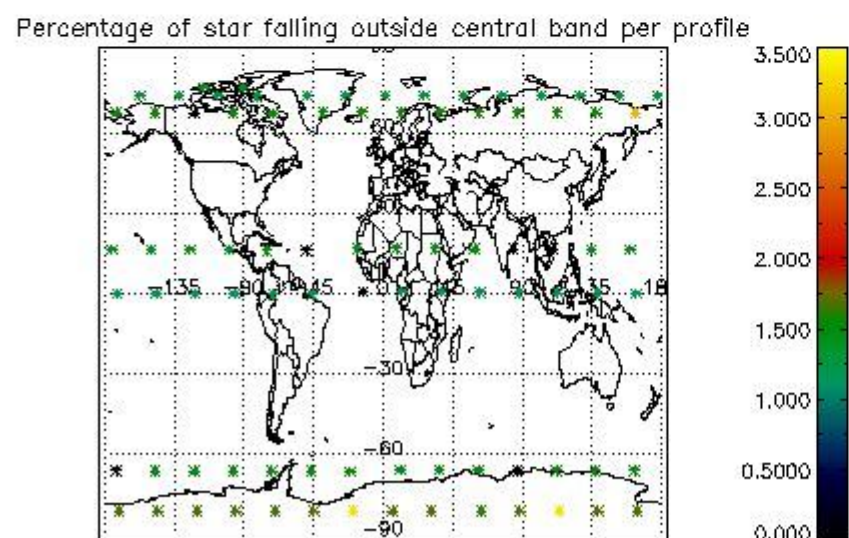
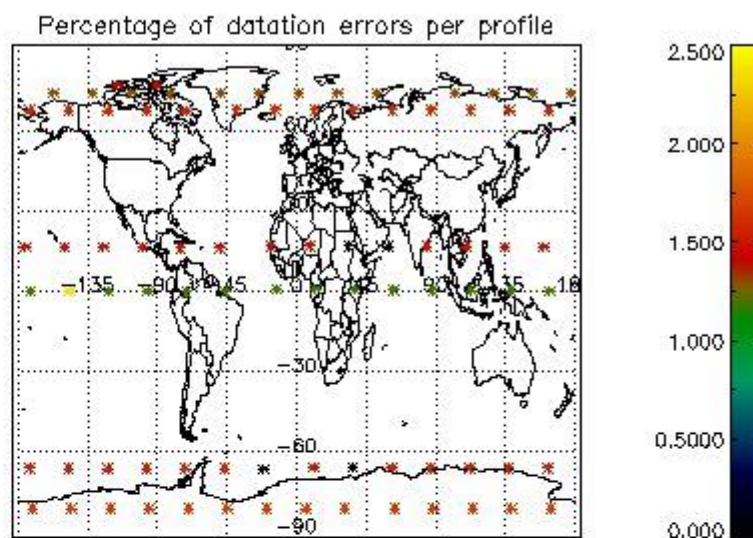
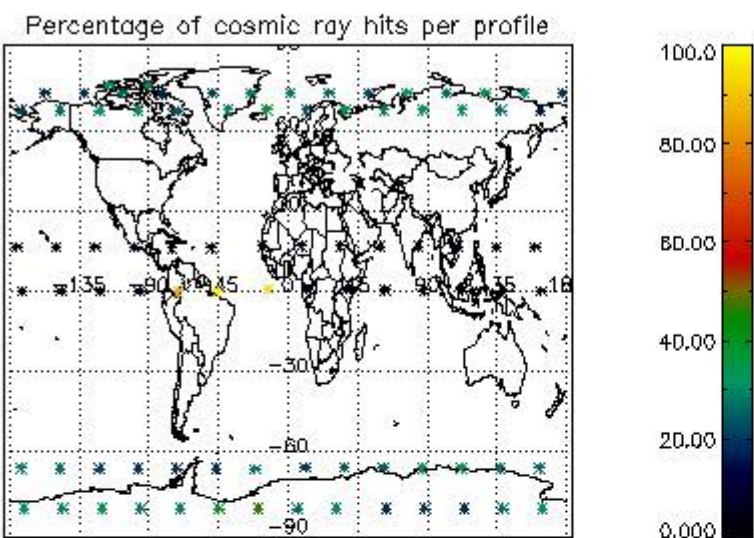


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

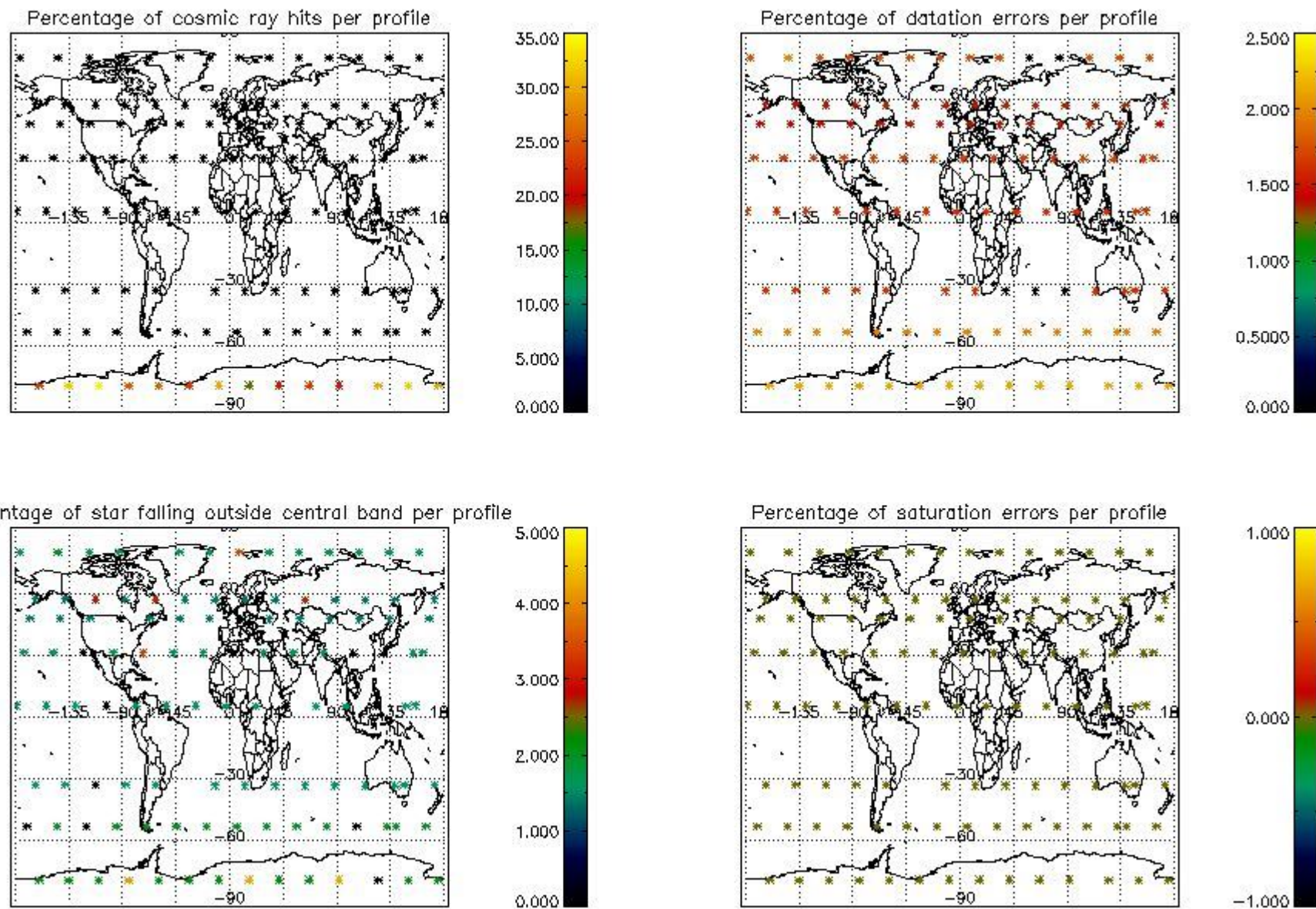


4.2 Plot quality information per product coming from level 1b processing (world map)

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

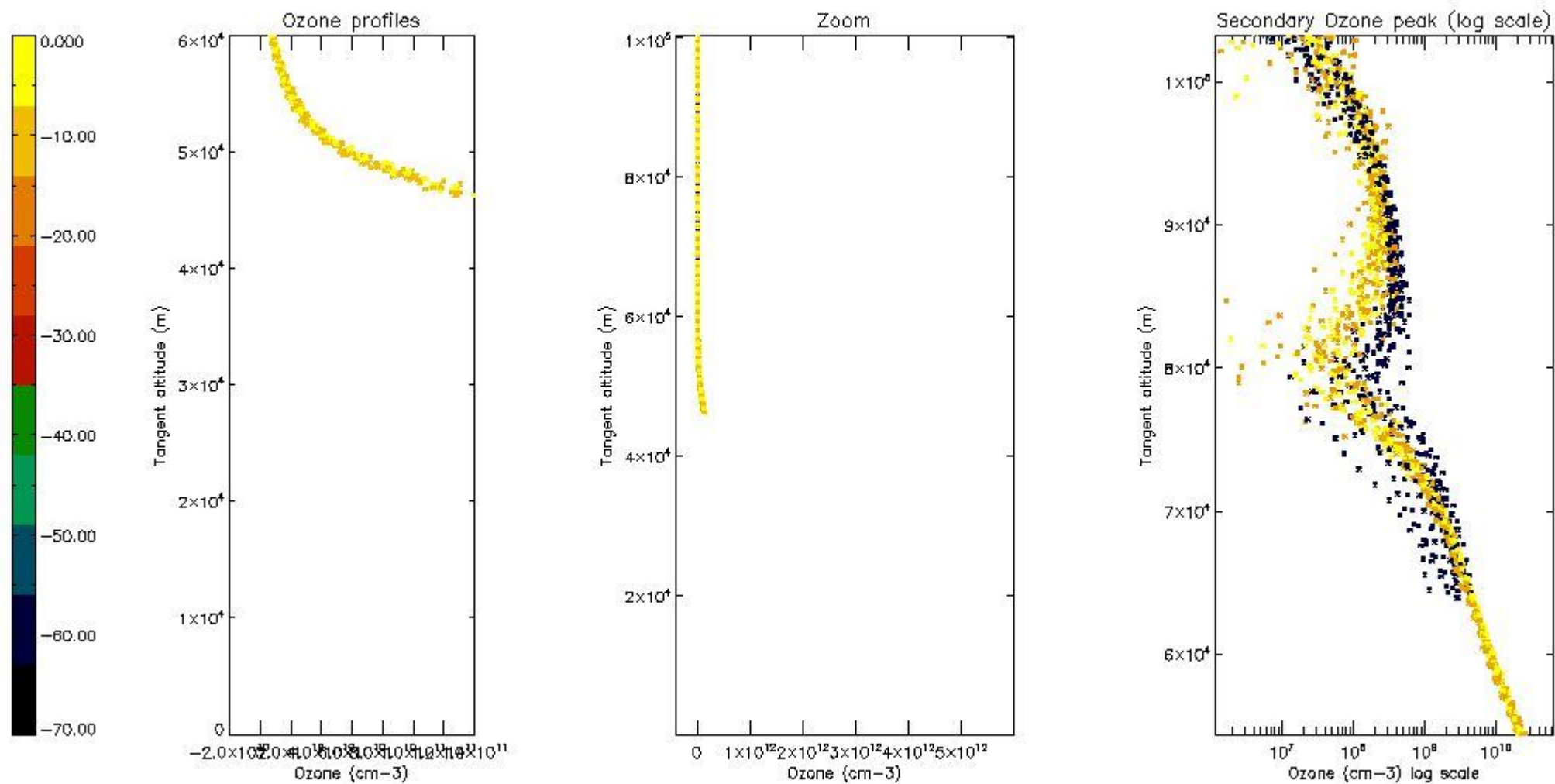
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	11

STD < 10	8
STD < 5	7

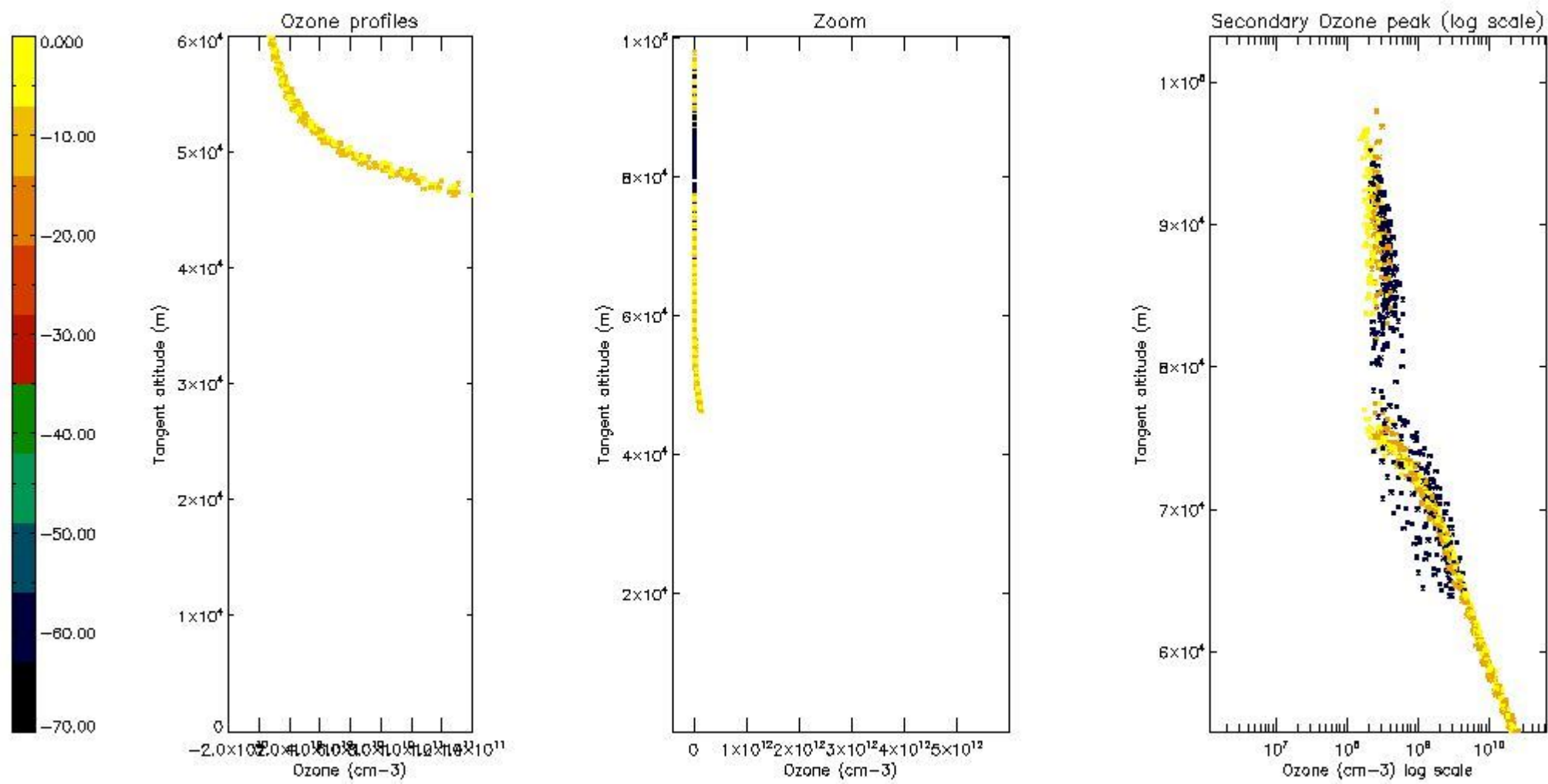
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



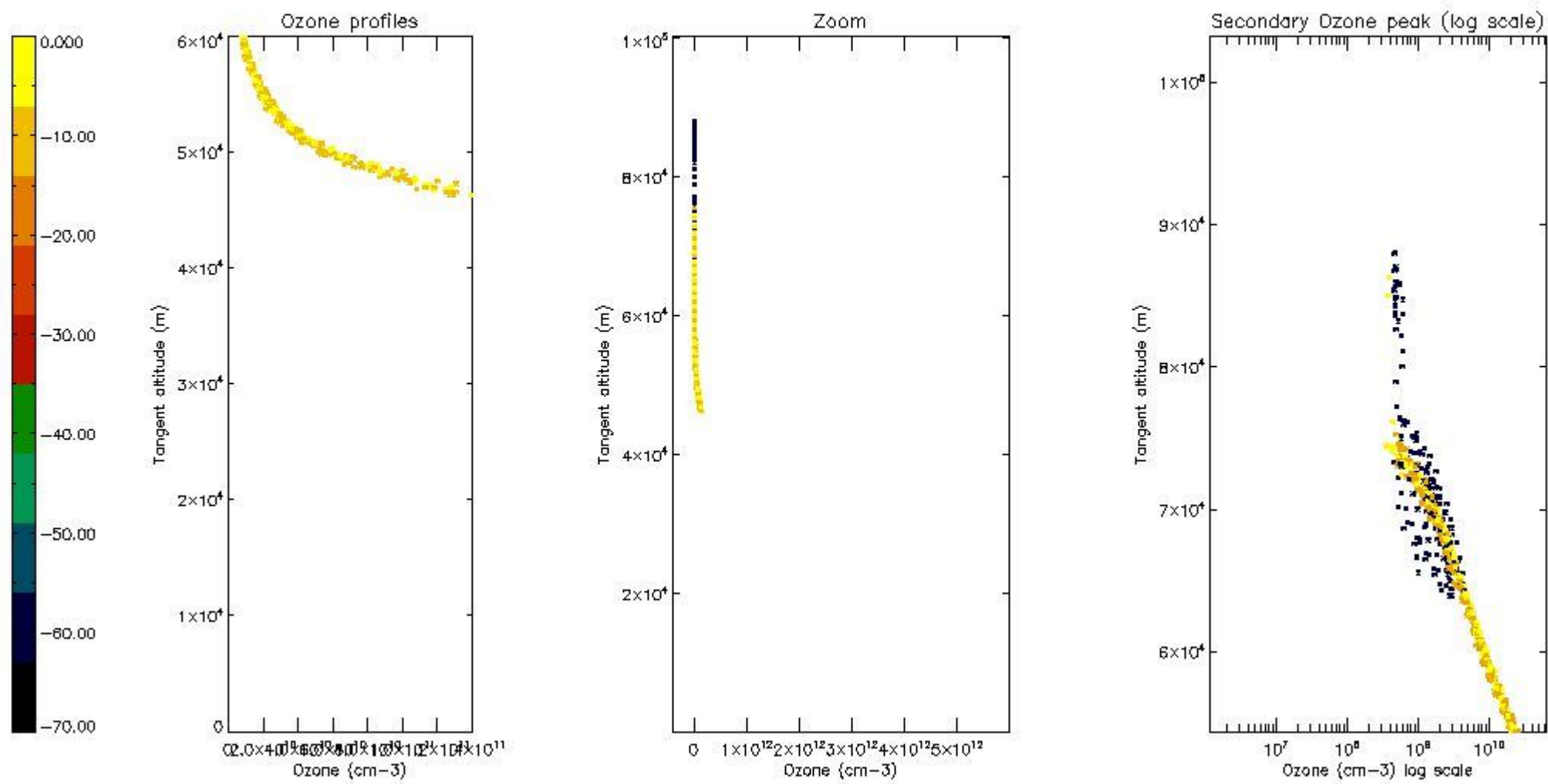
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



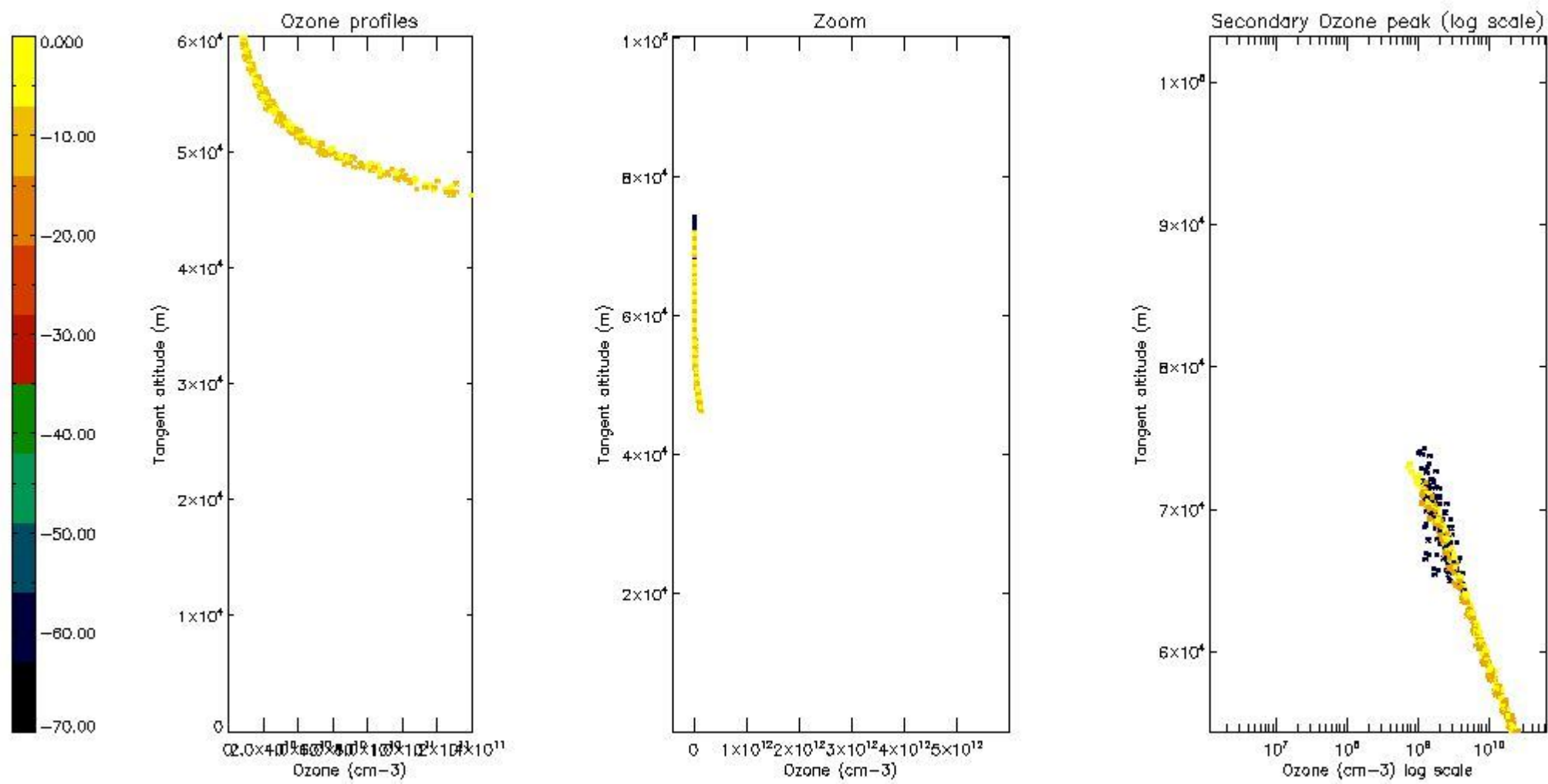
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



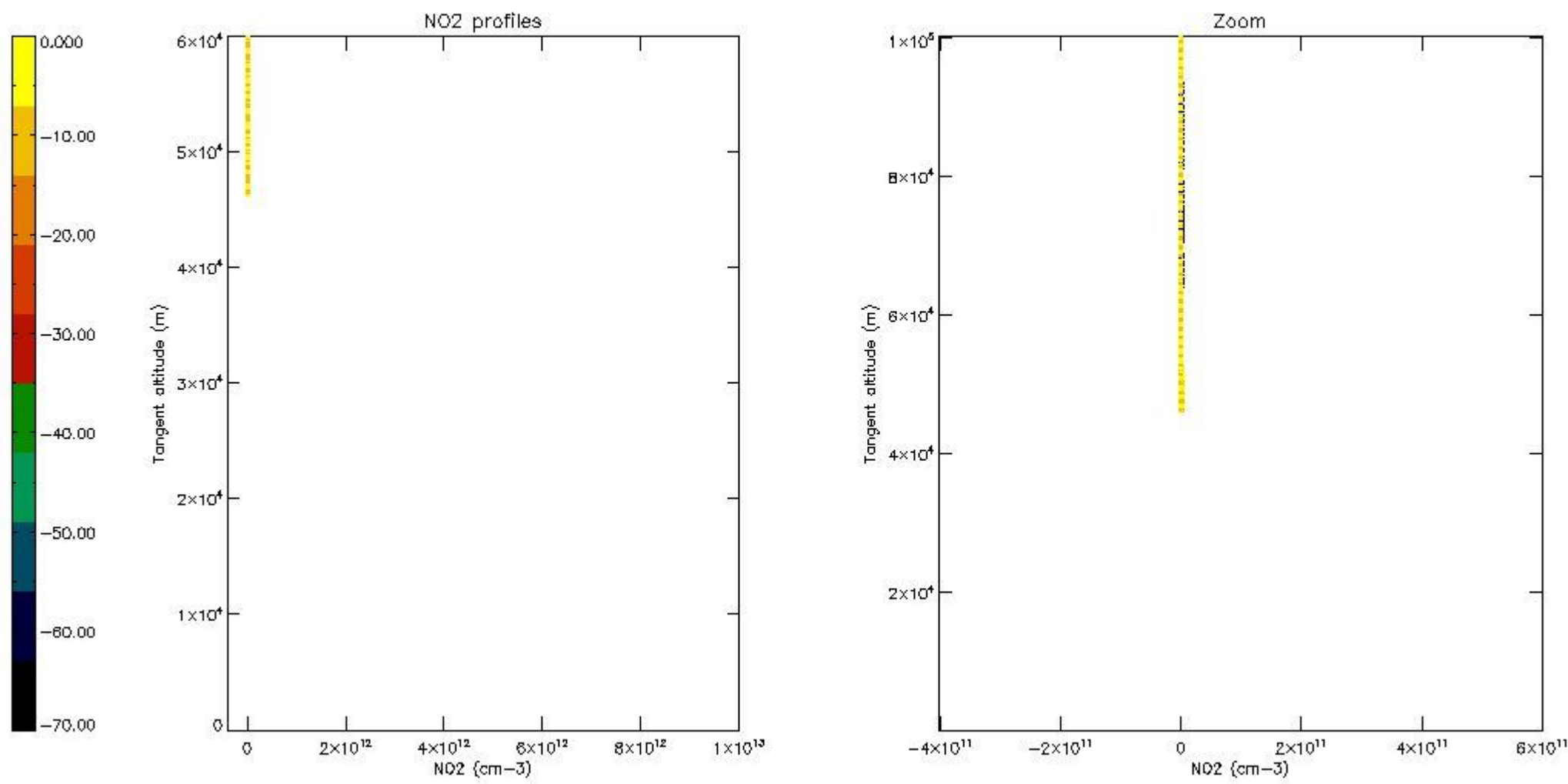
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



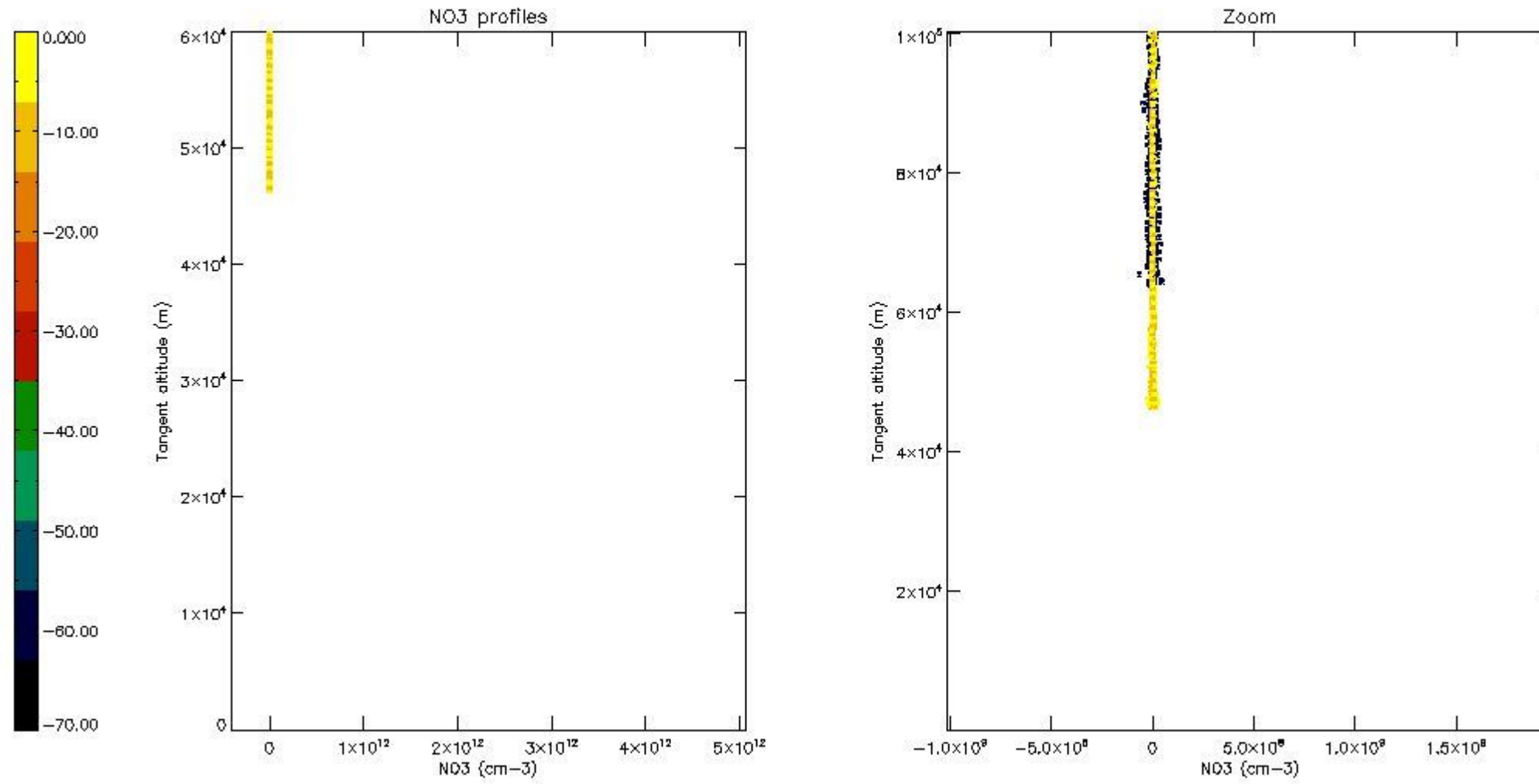
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	07-JUN-2009 00:04:23
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-JUN-2009 00:04:23
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-JUN-2009 00:04:23

GOMOS Level 2 Daily Report

SUMMARY

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[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

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[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

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

[6. Auxiliary Data Files used for the production reported in section 2](#)

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P).
 It is intended to monitor some important parameters that will impact the quality of these products.
 A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	26APR2013 10:01:06
Data source version	GOMOS/6.01
Start time of products	07-06-2009 (07JUN2009 00:00:00)
Stop time of products	08-06-2009 (08JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	201
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__2PRFIN20090607_000423_000000302079_00374_38003_1243.N1	07-JUN-2009 00:04:23	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38003	No
2	GOM_NL__2PRFIN20090607_001137_000000312079_00374_38003_1244.N1	07-JUN-2009 00:11:37	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38003	No
3	GOM_NL__2PRFIN20090607_002227_000000312079_00374_38003_1245.N1	07-JUN-2009 00:22:27	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38003	No
4	GOM_NL__2PRFIN20090607_002806_000000252079_00374_38003_1246.N1	07-JUN-2009 00:28:06	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	38003	No
5	GOM_NL__2PRFIN20090607_003613_000000242079_00374_38003_1247.N1	07-JUN-2009 00:36:13	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	38003	No
6	GOM_NL__2PRFIN20090607_003905_000000302079_00374_38003_1248.N1	07-JUN-2009 00:39:05	Straylight	29.500	58	21Alp And	2.0730	11000.0	59	38003	No
7	GOM_NL__2PRFIN20090607_004433_000000322079_00374_38003_1249.N1	07-JUN-2009 00:44:33	Dark	32.000	140	88Gam Peg	2.8340	26000.0	64	38003	No
8	GOM_NL__2PRFIN20090607_010321_000000422079_00374_38003_1250.N1	07-JUN-2009 01:03:21	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	38003	No
9	GOM_NL__2PRFIN20090607_010759_000000342079_00375_38004_1253.N1	07-JUN-2009 01:07:59	Dark	34.000	31	Alp Gru	1.7340	15200.0	68	38004	No
10	GOM_NL__2PRFIN20090607_012238_000000322079_00375_38004_1254.N1	07-JUN-2009 01:22:38	Twilight	32.000	38	20Eps Sgr	1.8360	11000.0	64	38004	No
11	GOM_NL__2PRFIN20090607_012437_000000392079_00375_38004_1255.N1	07-JUN-2009 01:24:37	Twilight	39.000	57	34Sig Sgr	2.0660	26000.0	78	38004	No
12	GOM_NL__2PRFIN20090607_012541_000000352079_00375_38004_1256.N1	07-JUN-2009 01:25:41	Twilight	35.000	137	22Lam Sgr	2.8240	4400.0	70	38004	No
13	GOM_NL__2PRFIN20090607_013007_000000292079_00375_38004_1257.N1	07-JUN-2009 01:30:07	Twilight	28.500	86	35Eta Oph	2.4300	10200.0	57	38004	No
14	GOM_NL__2PRFIN20090607_013736_000000372079_00375_38004_1258.N1	07-JUN-2009 01:37:36	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38004	No
15	GOM_NL__2PRFIN20090607_014019_000000372079_00375_38004_1259.N1	07-JUN-2009 01:40:19	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38004	No
16	GOM_NL__2PRFIN20090607_014459_000000302079_00375_38004_1260.N1	07-JUN-2009 01:44:59	Bright	29.500	133	40Zet Her	2.8070	6000.0	59	38004	No
17	GOM_NL__2PRFIN20090607_015212_000000312079_00375_38004_1261.N1	07-JUN-2009 01:52:12	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38004	No
18	GOM_NL__2PRFIN20090607_020302_000000312079_00375_38004_1262.N1	07-JUN-2009 02:03:02	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38004	No
19	GOM_NL__2PRFIN20090607_020841_000000252079_00375_38004_1263.N1	07-JUN-2009 02:08:41	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	38004	No
20	GOM_NL__2PRFIN20090607_021648_000000242079_00375_38004_1264.N1	07-JUN-2009 02:16:48	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	38004	No
21	GOM_NL__2PRFIN20090607_021942_000000302079_00375_38004_1265.N1	07-JUN-2009 02:19:42	Straylight	29.500	58	21Alp And	2.0730	11000.0	59	38004	No
22	GOM_NL__2PRFIN20090607_022510_000000322079_00375_38004_1266.N1	07-JUN-2009 02:25:10	Dark	32.000	140	88Gam Peg	2.8340	26000.0	64	38004	No
23	GOM_NL__2PRFIN20090607_024359_000000422079_00375_38004_1267.N1	07-JUN-2009 02:43:59	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	38004	No
24	GOM_NL__2PRFIN20090607_024836_000000342079_00376_38005_1268.N1	07-JUN-2009 02:48:36	Dark	34.000	31	Alp Gru	1.7340	15200.0	68	38005	No
25	GOM_NL__2PRFIN20090607_030315_000000322079_00376_38005_1269.N1	07-JUN-2009 03:03:15	Twilight	32.000	38	20Eps Sgr	1.8360	11000.0	64	38005	No
26	GOM_NL__2PRFIN20090607_030513_000000392079_00376_38005_1270.N1	07-JUN-2009 03:05:13	Twilight	39.000	57	34Sig Sgr	2.0660	26000.0	78	38005	No
27	GOM_NL__2PRFIN20090607_030617_000000362079_00376_38005_1271.N1	07-JUN-2009 03:06:17	Twilight	35.500	137	22Lam Sgr	2.8240	4400.0	71	38005	No
28	GOM_NL__2PRFIN20090607_031043_000000292079_00376_38005_1272.N1	07-JUN-2009 03:10:43	Twilight	29.000	86	35Eta Oph	2.4300	10200.0	58	38005	No
29	GOM_NL__2PRFIN20090607_031812_000000372079_00376_38005_1273.N1	07-JUN-2009 03:18:12	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38005	No
30	GOM_NL__2PRFIN20090607_032054_000000372079_00376_38005_1274.N1	07-JUN-2009 03:20:54	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38005	No
31	GOM_NL__2PRFIN20090607_032534_000000302079_00376_38005_1275.N1	07-JUN-2009 03:25:34	Bright	29.500	133	40Zet Her	2.8070	6000.0	59	38005	No
32	GOM_NL__2PRFIN20090607_033248_000000312079_00376_38005_1276.N1	07-JUN-2009 03:32:48	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38005	No
33	GOM_NL__2PRFIN20090607_034337_000000312079_00376_38005_1277.N1	07-JUN-2009 03:43:37	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38005	No
34	GOM_NL__2PRFIN20090607_034917_000000262079_00376_38005_1278.N1	07-JUN-2009 03:49:17	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	38005	No
35	GOM_NL__2PRFIN20090607_035725_000000242079_00376_38005_1279.N1	07-JUN-2009 03:57:25	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	38005	No
36	GOM_NL__2PRFIN20090607_040018_000000302079_00376_38005_1280.N1	07-JUN-2009 04:00:18	Straylight	30.000	58	21Alp And	2.0730	11000.0	60	38005	No
37	GOM_NL__2PRFIN20090607_040547_000000322079_00376_38005_1281.N1	07-JUN-2009 04:05:47	Dark	32.000	140	88Gam Peg	2.8340	26000.0	64	38005	No
38	GOM_NL__2PRFIN20090607_042436_000000422079_00376_38005_1282.N1	07-JUN-2009 04:24:36	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	38005	No
39	GOM_NL__2PRFIN20090607_042913_000000342079_00377_38006_1282.N1	07-JUN-2009 04:29:13	Dark	34.000	31	Alp Gru	1.7340	15200.0	68	38006	No
40	GOM_NL__2PRFIN20090607_044351_000000322079_00377_38006_1283.N1	07-JUN-2009 04:43:51	Twilight	31.500	38	20Eps Sgr	1.8360	11000.0	63	38006	No
41	GOM_NL__2PRFIN20090607_044550_000000392079_00377_38006_1284.N1	07-JUN-2009 04:45:50	Twilight	39.000	57	34Sig Sgr	2.0660	26000.0	78	38006	No
42	GOM_NL__2PRFIN20090607_045119_000000292079_00377_38006_1285.N1	07-JUN-2009 04:51:19	Twilight	29.000	86	35Eta Oph	2.4300	10200.0	58	38006	No

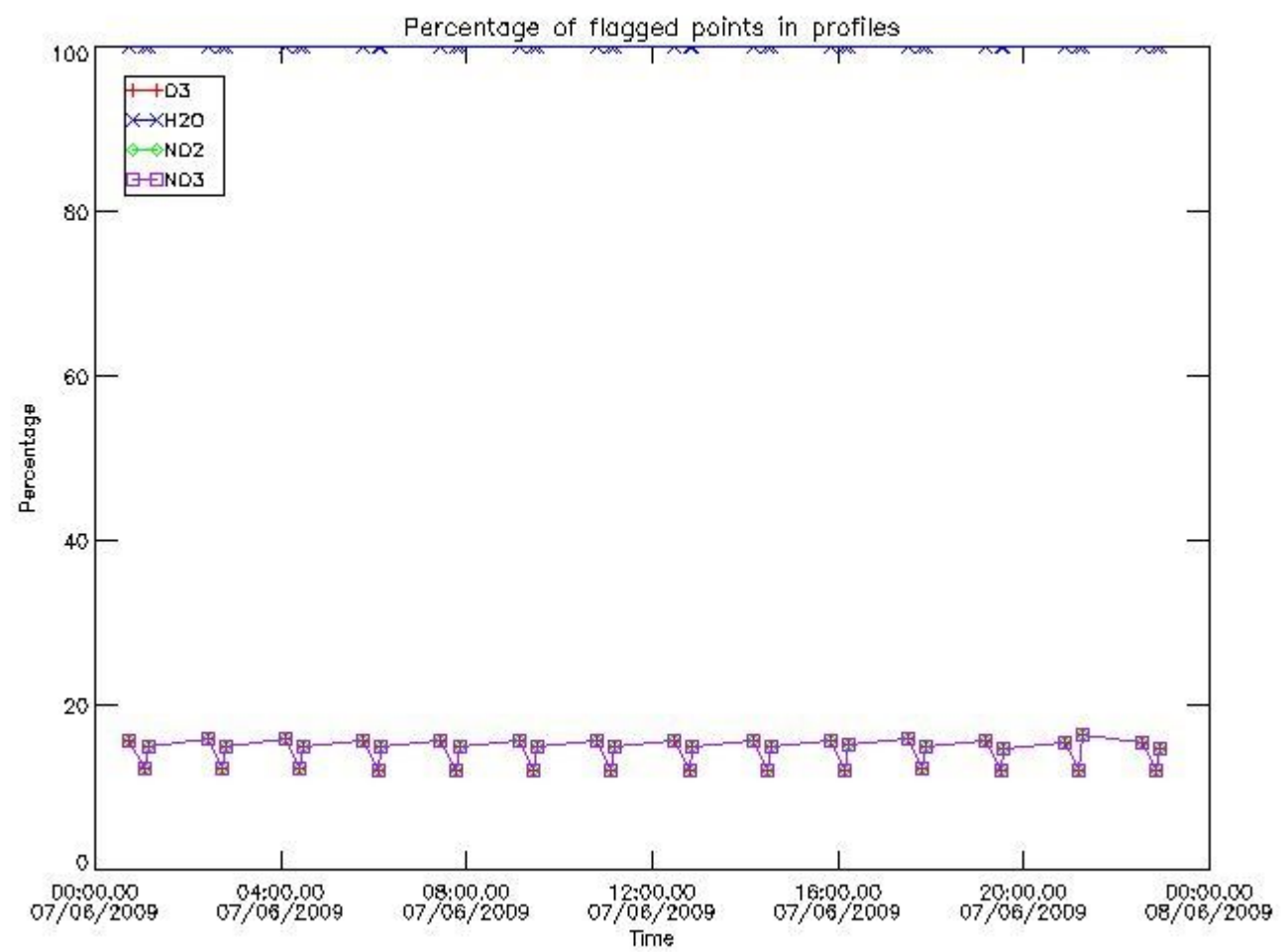
43	GOM_NL__2PRFIN20090607_045847_000000372079_00377_38006_1286.N1	07-JUN-2009 04:58:47	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38006	No
44	GOM_NL__2PRFIN20090607_050129_000000372079_00377_38006_1287.N1	07-JUN-2009 05:01:29	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38006	No
45	GOM_NL__2PRFIN20090607_050609_000000312079_00377_38006_1288.N1	07-JUN-2009 05:06:09	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	38006	No
46	GOM_NL__2PRFIN20090607_051323_000000312079_00377_38006_1289.N1	07-JUN-2009 05:13:23	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38006	No
47	GOM_NL__2PRFIN20090607_052413_000000312079_00377_38006_1290.N1	07-JUN-2009 05:24:13	Tw_i_and_stray	30.500	89	5Alp Cep	2.4510	8000.0	61	38006	No
48	GOM_NL__2PRFIN20090607_052953_000000262079_00377_38006_1291.N1	07-JUN-2009 05:29:53	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38006	No
49	GOM_NL__2PRFIN20090607_053801_000000242079_00377_38006_1292.N1	07-JUN-2009 05:38:01	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38006	No
50	GOM_NL__2PRFIN20090607_054054_000000302079_00377_38006_1293.N1	07-JUN-2009 05:40:54	Straylight	29.500	58	21Alp And	2.0730	11000.	59	38006	No
51	GOM_NL__2PRFIN20090607_054623_000000332079_00377_38006_1294.N1	07-JUN-2009 05:46:23	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38006	No
52	GOM_NL__2PRFIN20090607_060513_000000422079_00377_38006_1295.N1	07-JUN-2009 06:05:13	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38006	No
53	GOM_NL__2PRFIN20090607_060950_000000342079_00378_38007_1296.N1	07-JUN-2009 06:09:50	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38007	No
54	GOM_NL__2PRFIN20090607_062427_000000322079_00378_38007_1297.N1	07-JUN-2009 06:24:27	Tw_i_and_stray	32.000	38	20Eps Sgr	1.8360	11000.	64	38007	No
55	GOM_NL__2PRFIN20090607_062626_000000392079_00378_38007_1298.N1	07-JUN-2009 06:26:26	Tw_i_and_stray	39.000	57	34Sig Sgr	2.0660	26000.	78	38007	No
56	GOM_NL__2PRFIN20090607_063155_000000292079_00378_38007_1299.N1	07-JUN-2009 06:31:55	Tw_i_and_stray	28.500	86	35Eta Oph	2.4300	10200.	57	38007	No
57	GOM_NL__2PRFIN20090607_063923_000000372079_00378_38007_1300.N1	07-JUN-2009 06:39:23	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38007	No
58	GOM_NL__2PRFIN20090607_064205_000000372079_00378_38007_1301.N1	07-JUN-2009 06:42:05	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38007	No
59	GOM_NL__2PRFIN20090607_064645_000000302079_00378_38007_1302.N1	07-JUN-2009 06:46:45	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38007	No
60	GOM_NL__2PRFIN20090607_065359_000000312079_00378_38007_1303.N1	07-JUN-2009 06:53:59	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38007	No
61	GOM_NL__2PRFIN20090607_070448_000000312079_00378_38007_1304.N1	07-JUN-2009 07:04:48	Tw_i_and_stray	30.500	89	5Alp Cep	2.4510	8000.0	61	38007	No
62	GOM_NL__2PRFIN20090607_071028_000000262079_00378_38007_1305.N1	07-JUN-2009 07:10:28	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38007	No
63	GOM_NL__2PRFIN20090607_071837_000000242079_00378_38007_1306.N1	07-JUN-2009 07:18:37	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38007	No
64	GOM_NL__2PRFIN20090607_072130_000000302079_00378_38007_1307.N1	07-JUN-2009 07:21:30	Straylight	30.000	58	21Alp And	2.0730	11000.	60	38007	No
65	GOM_NL__2PRFIN20090607_072700_000000332079_00378_38007_1308.N1	07-JUN-2009 07:27:00	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38007	No
66	GOM_NL__2PRFIN20090607_074551_000000422079_00379_38008_1310.N1	07-JUN-2009 07:45:51	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38008	No
67	GOM_NL__2PRFIN20090607_075027_000000342079_00379_38008_1311.N1	07-JUN-2009 07:50:27	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38008	No
68	GOM_NL__2PRFIN20090607_080504_000000322079_00379_38008_1312.N1	07-JUN-2009 08:05:04	Tw_i_and_stray	32.000	38	20Eps Sgr	1.8360	11000.	64	38008	No
69	GOM_NL__2PRFIN20090607_080703_000000392079_00379_38008_1313.N1	07-JUN-2009 08:07:03	Tw_i_and_stray	38.500	57	34Sig Sgr	2.0660	26000.	77	38008	No
70	GOM_NL__2PRFIN20090607_081231_000000292079_00379_38008_1314.N1	07-JUN-2009 08:12:31	Tw_i_and_stray	28.500	86	35Eta Oph	2.4300	10200.	57	38008	No
71	GOM_NL__2PRFIN20090607_081958_000000372079_00379_38008_1315.N1	07-JUN-2009 08:19:58	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38008	No
72	GOM_NL__2PRFIN20090607_082240_000000362079_00379_38008_1316.N1	07-JUN-2009 08:22:40	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	38008	No
73	GOM_NL__2PRFIN20090607_082721_000000302079_00379_38008_1317.N1	07-JUN-2009 08:27:21	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38008	No
74	GOM_NL__2PRFIN20090607_083434_000000312079_00379_38008_1318.N1	07-JUN-2009 08:34:34	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38008	No
75	GOM_NL__2PRFIN20090607_084523_000000312079_00379_38008_1319.N1	07-JUN-2009 08:45:23	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38008	No
76	GOM_NL__2PRFIN20090607_085104_000000262079_00379_38008_1320.N1	07-JUN-2009 08:51:04	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38008	No
77	GOM_NL__2PRFIN20090607_085913_000000242079_00379_38008_1321.N1	07-JUN-2009 08:59:13	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38008	No
78	GOM_NL__2PRFIN20090607_090206_000000302079_00379_38008_1322.N1	07-JUN-2009 09:02:06	Straylight	30.000	58	21Alp And	2.0730	11000.	60	38008	No
79	GOM_NL__2PRFIN20090607_090736_000000332079_00379_38008_1323.N1	07-JUN-2009 09:07:36	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38008	No
80	GOM_NL__2PRFIN20090607_092628_000000422079_00380_38009_1324.N1	07-JUN-2009 09:26:28	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38009	No
81	GOM_NL__2PRFIN20090607_093104_000000342079_00380_38009_1325.N1	07-JUN-2009 09:31:04	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38009	No
82	GOM_NL__2PRFIN20090607_094540_000000332079_00380_38009_1326.N1	07-JUN-2009 09:45:40	Tw_i_and_stray	32.500	38	20Eps Sgr	1.8360	11000.	65	38009	No
83	GOM_NL__2PRFIN20090607_094739_000000392079_00380_38009_1327.N1	07-JUN-2009 09:47:39	Tw_i_and_stray	39.000	57	34Sig Sgr	2.0660	26000.	78	38009	No
84	GOM_NL__2PRFIN20090607_095307_000000282079_00380_38009_1328.N1	07-JUN-2009 09:53:07	Tw_i_and_stray	28.000	86	35Eta Oph	2.4300	10200.	56	38009	No
85	GOM_NL__2PRFIN20090607_100034_000000372079_00380_38009_1329.N1	07-JUN-2009 10:00:34	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	38009	No
86	GOM_NL__2PRFIN20090607_100315_000000362079_00380_38009_1330.N1	07-JUN-2009 10:03:15	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	38009	No
87	GOM_NL__2PRFIN20090607_100756_000000302079_00380_38009_1331.N1	07-JUN-2009 10:07:56	Bright	29.500	133	40Zet Her	2.8070	6000.0	59	38009	No
88	GOM_NL__2PRFIN20090607_101509_000000322079_00380_38009_1332.N1	07-JUN-2009 10:15:09	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	38009	No
89	GOM_NL__2PRFIN20090607_102559_000000312079_00380_38009_1333.N1	07-JUN-2009 10:25:59	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38009	No
90	GOM_NL__2PRFIN20090607_103140_000000262079_00380_38009_1334.N1	07-JUN-2009 10:31:40	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38009	No
91	GOM_NL__2PRFIN20090607_103949_000000242079_00380_38009_1335.N1	07-JUN-2009 10:39:49	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38009	No
92	GOM_NL__2PRFIN20090607_104243_000000302079_00380_38009_1336.N1	07-JUN-2009 10:42:43	Straylight	30.000	58	21Alp And	2.0730	11000.	60	38009	No
93	GOM_NL__2PRFIN20090607_104813_000000332079_00380_38009_1337.N1	07-JUN-2009 10:48:13	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38009	No
94	GOM_NL__2PRFIN20090607_110706_000000422079_00381_38010_1358.N1	07-JUN-2009 11:07:06	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38010	No
95	GOM_NL__2PRFIN20090607_111141_000000342079_00381_38010_1359.N1	07-JUN-2009 11:11:41	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38010	No
96	GOM_NL__2PRFIN20090607_112617_000000322079_00381_38010_1360.N1	07-JUN-2009 11:26:17	Tw_i_and_stray	32.000	38	20Eps Sgr	1.8360	11000.	64	38010	No
97	GOM_NL__2PRFIN20090607_112816_000000392079_00381_38010_1361.N1	07-JUN-2009 11:28:16	Tw_i_and_stray	38.500	57	34Sig Sgr	2.0660	26000.	77	38010	No
98	GOM_NL__2PRFIN20090607_113343_000000292079_00381_38010_1362.N1	07-JUN-2009 11:33:43	Bright	29.000	86	35Eta Oph	2.4300	10200.	58	38010	No
99	GOM_NL__2PRFIN20090607_114109_000000372079_00381_38010_1363.N1	07-JUN-2009 11:41:09	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	38010	No
100	GOM_NL__2PRFIN20090607_114351_000000362079_00381_38010_1364.N1	07-JUN-2009 11:43:51	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	38010	No
101	GOM_NL__2PRFIN20090607_114832_000000302079_00381_38010_1365.N1	07-JUN-2009 11:48:32	Bright	29.500	133	40Zet Her	2.8070	6000.0	59	38010	No

161	GOM_NL__2PRFIN20090607_190543_000000302079_00385_38014_1430.N1	07-JUN-2009 19:05:43	Straylight	30.000	58	21Alp And	2.0730	11000.	60	38014	No
162	GOM_NL__2PRFIN20090607_191116_000000332079_00385_38014_1431.N1	07-JUN-2009 19:11:16	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38014	No
163	GOM_NL__2PRFIN20090607_193013_000000422079_00386_38015_1433.N1	07-JUN-2009 19:30:13	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38015	No
164	GOM_NL__2PRFIN20090607_193445_000000342079_00386_38015_1434.N1	07-JUN-2009 19:34:45	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38015	No
165	GOM_NL__2PRFIN20090607_194919_000000322079_00386_38015_1435.N1	07-JUN-2009 19:49:19	Tw_i_and_stray	31.500	38	20Eps Sgr	1.8360	11000.	63	38015	No
166	GOM_NL__2PRFIN20090607_195118_000000382079_00386_38015_1436.N1	07-JUN-2009 19:51:18	Tw_i_and_stray	38.000	57	34Sig Sgr	2.0660	26000.	76	38015	No
167	GOM_NL__2PRFIN20090607_195643_000000292079_00386_38015_1437.N1	07-JUN-2009 19:56:43	Tw_i_and_stray	29.000	86	35Eta Oph	2.4300	10200.	58	38015	No
168	GOM_NL__2PRFIN20090607_200406_000000372079_00386_38015_1438.N1	07-JUN-2009 20:04:06	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	38015	No
169	GOM_NL__2PRFIN20090607_200648_000000362079_00386_38015_1439.N1	07-JUN-2009 20:06:48	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	38015	No
170	GOM_NL__2PRFIN20090607_201130_000000302079_00386_38015_1440.N1	07-JUN-2009 20:11:30	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38015	No
171	GOM_NL__2PRFIN20090607_201842_000000312079_00386_38015_1441.N1	07-JUN-2009 20:18:42	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38015	No
172	GOM_NL__2PRFIN20090607_202930_000000312079_00386_38015_1442.N1	07-JUN-2009 20:29:30	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38015	No
173	GOM_NL__2PRFIN20090607_203514_000000252079_00386_38015_1443.N1	07-JUN-2009 20:35:14	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	38015	No
174	GOM_NL__2PRFIN20090607_204325_000000242079_00386_38015_1444.N1	07-JUN-2009 20:43:25	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38015	No
175	GOM_NL__2PRFIN20090607_204620_000000302079_00386_38015_1445.N1	07-JUN-2009 20:46:20	Straylight	30.000	58	21Alp And	2.0730	11000.	60	38015	No
176	GOM_NL__2PRFIN20090607_205152_000000332079_00386_38015_1446.N1	07-JUN-2009 20:51:52	Dark	32.500	140	88Gam Peg	2.8340	26000.	65	38015	No
177	GOM_NL__2PRFIN20090607_211050_000000422079_00387_38016_1450.N1	07-JUN-2009 21:10:50	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38016	No
178	GOM_NL__2PRFIN20090607_211522_000000342079_00387_38016_1451.N1	07-JUN-2009 21:15:22	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38016	No
179	GOM_NL__2PRFIN20090607_212955_000000322079_00387_38016_1452.N1	07-JUN-2009 21:29:55	Tw_i_and_stray	31.500	38	20Eps Sgr	1.8360	11000.	63	38016	No
180	GOM_NL__2PRFIN20090607_213154_000000392079_00387_38016_1453.N1	07-JUN-2009 21:31:54	Tw_i_and_stray	38.500	57	34Sig Sgr	2.0660	26000.	77	38016	No
181	GOM_NL__2PRFIN20090607_213719_000000292079_00387_38016_1454.N1	07-JUN-2009 21:37:19	Tw_i_and_stray	29.000	86	35Eta Oph	2.4300	10200.	58	38016	No
182	GOM_NL__2PRFIN20090607_214442_000000362079_00387_38016_1455.N1	07-JUN-2009 21:44:42	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	38016	No
183	GOM_NL__2PRFIN20090607_214723_000000362079_00387_38016_1456.N1	07-JUN-2009 21:47:23	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	38016	No
184	GOM_NL__2PRFIN20090607_215205_000000302079_00387_38016_1457.N1	07-JUN-2009 21:52:05	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38016	No
185	GOM_NL__2PRFIN20090607_215917_000000312079_00387_38016_1458.N1	07-JUN-2009 21:59:17	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38016	No
186	GOM_NL__2PRFIN20090607_221006_000000312079_00387_38016_1459.N1	07-JUN-2009 22:10:06	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38016	No
187	GOM_NL__2PRFIN20090607_221549_000000262079_00387_38016_1460.N1	07-JUN-2009 22:15:49	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38016	No
188	GOM_NL__2PRFIN20090607_222401_000000242079_00387_38016_1461.N1	07-JUN-2009 22:24:01	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	38016	No
189	GOM_NL__2PRFIN20090607_222655_000000312079_00387_38016_1462.N1	07-JUN-2009 22:26:55	Straylight	30.500	58	21Alp And	2.0730	11000.	61	38016	No
190	GOM_NL__2PRFIN20090607_223229_000000332079_00387_38016_1463.N1	07-JUN-2009 22:32:29	Dark	33.000	140	88Gam Peg	2.8340	26000.	66	38016	No
191	GOM_NL__2PRFIN20090607_225127_000000422079_00388_38017_1469.N1	07-JUN-2009 22:51:27	Dark	42.000	18	24Alp PsA	1.1660	9700.0	84	38017	No
192	GOM_NL__2PRFIN20090607_225559_000000352079_00388_38017_1470.N1	07-JUN-2009 22:55:59	Dark	34.500	31	Alp Gru	1.7340	15200.	69	38017	No
193	GOM_NL__2PRFIN20090607_231031_000000322079_00388_38017_1471.N1	07-JUN-2009 23:10:31	Tw_i_and_stray	32.000	38	20Eps Sgr	1.8360	11000.	64	38017	No
194	GOM_NL__2PRFIN20090607_231230_000000392079_00388_38017_1472.N1	07-JUN-2009 23:12:30	Tw_i_and_stray	38.500	57	34Sig Sgr	2.0660	26000.	77	38017	No
195	GOM_NL__2PRFIN20090607_231759_000000252079_00388_38017_1473.N1	07-JUN-2009 23:17:59	Tw_i_and_stray	25.000	86	35Eta Oph	2.4300	10200.	50	38017	No
196	GOM_NL__2PRFIN20090607_232517_000000372079_00388_38017_1474.N1	07-JUN-2009 23:25:17	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	38017	No
197	GOM_NL__2PRFIN20090607_232759_000000362079_00388_38017_1475.N1	07-JUN-2009 23:27:59	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	38017	No
198	GOM_NL__2PRFIN20090607_233241_000000302079_00388_38017_1476.N1	07-JUN-2009 23:32:41	Bright	29.500	133	40Zet Her	2.8070	6000.0	59	38017	No
199	GOM_NL__2PRFIN20090607_233952_000000312079_00388_38017_1477.N1	07-JUN-2009 23:39:52	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38017	No
200	GOM_NL__2PRFIN20090607_235041_000000312079_00388_38017_1478.N1	07-JUN-2009 23:50:41	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	38017	No
201	GOM_NL__2PRFIN20090607_235625_000000262079_00388_38017_1479.N1	07-JUN-2009 23:56:25	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	38017	No

3. Quality information per product

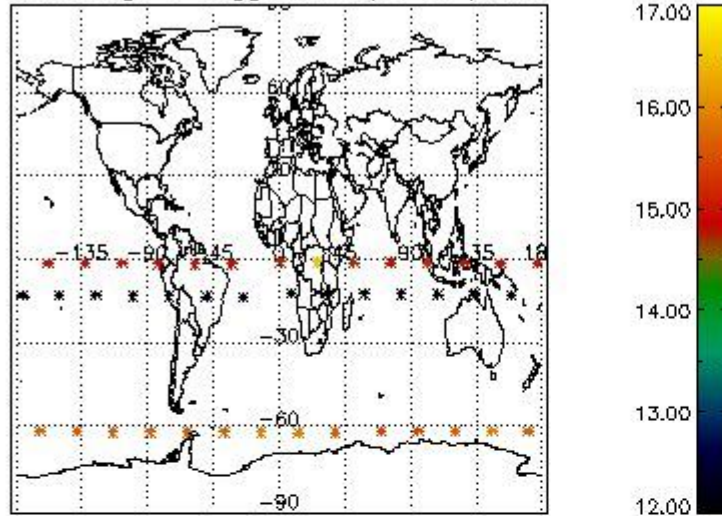
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

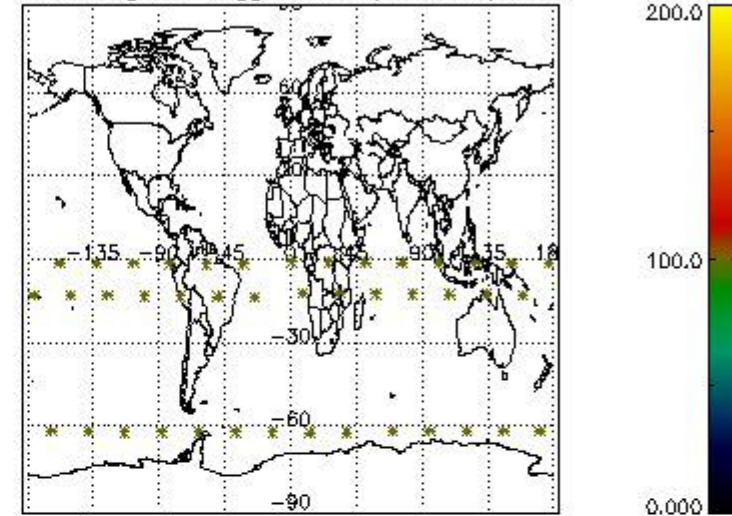


3.2 Plot quality information per product (world map)

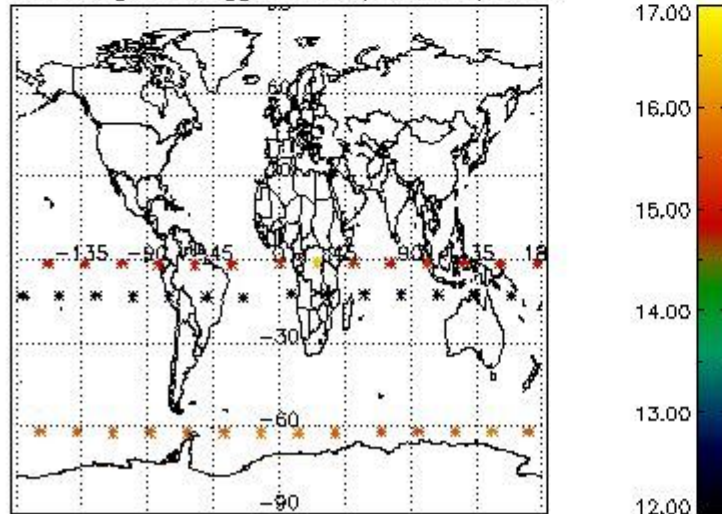
Percentage of flagged data per O3 profile



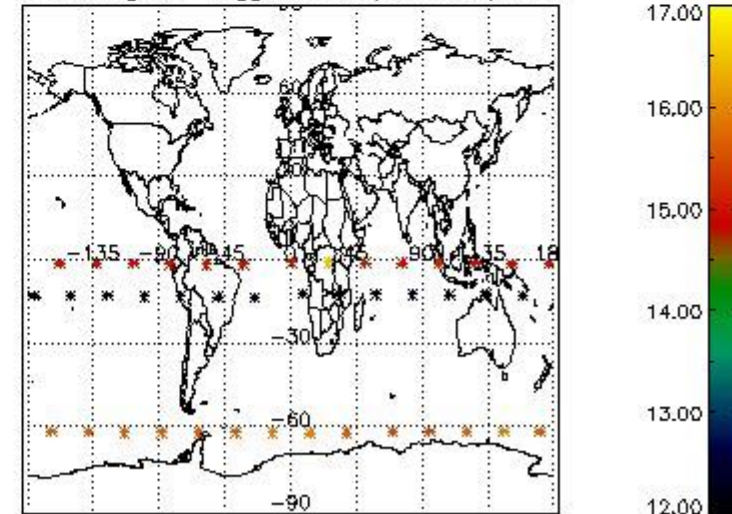
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

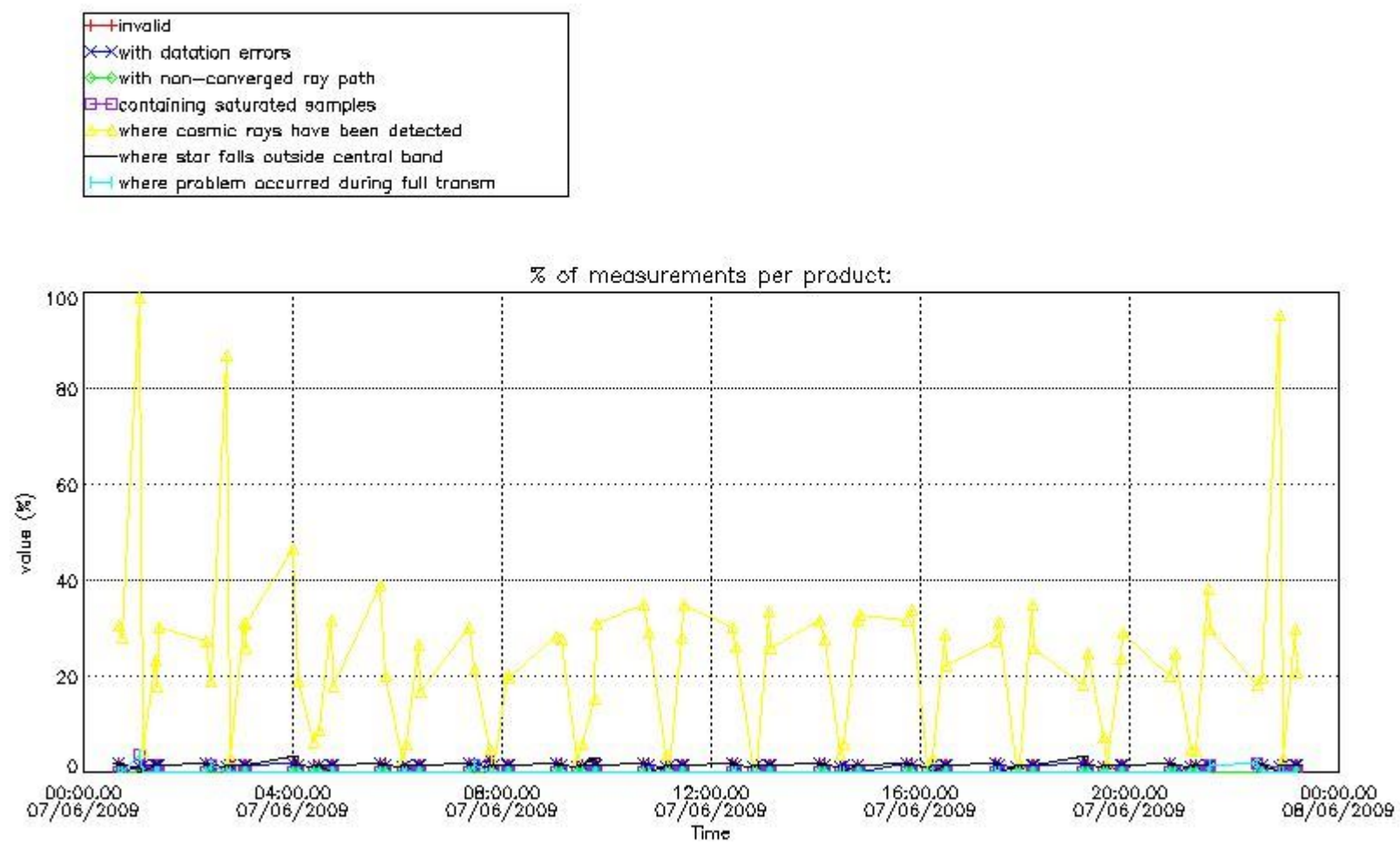


4. Level 1 quality information per product

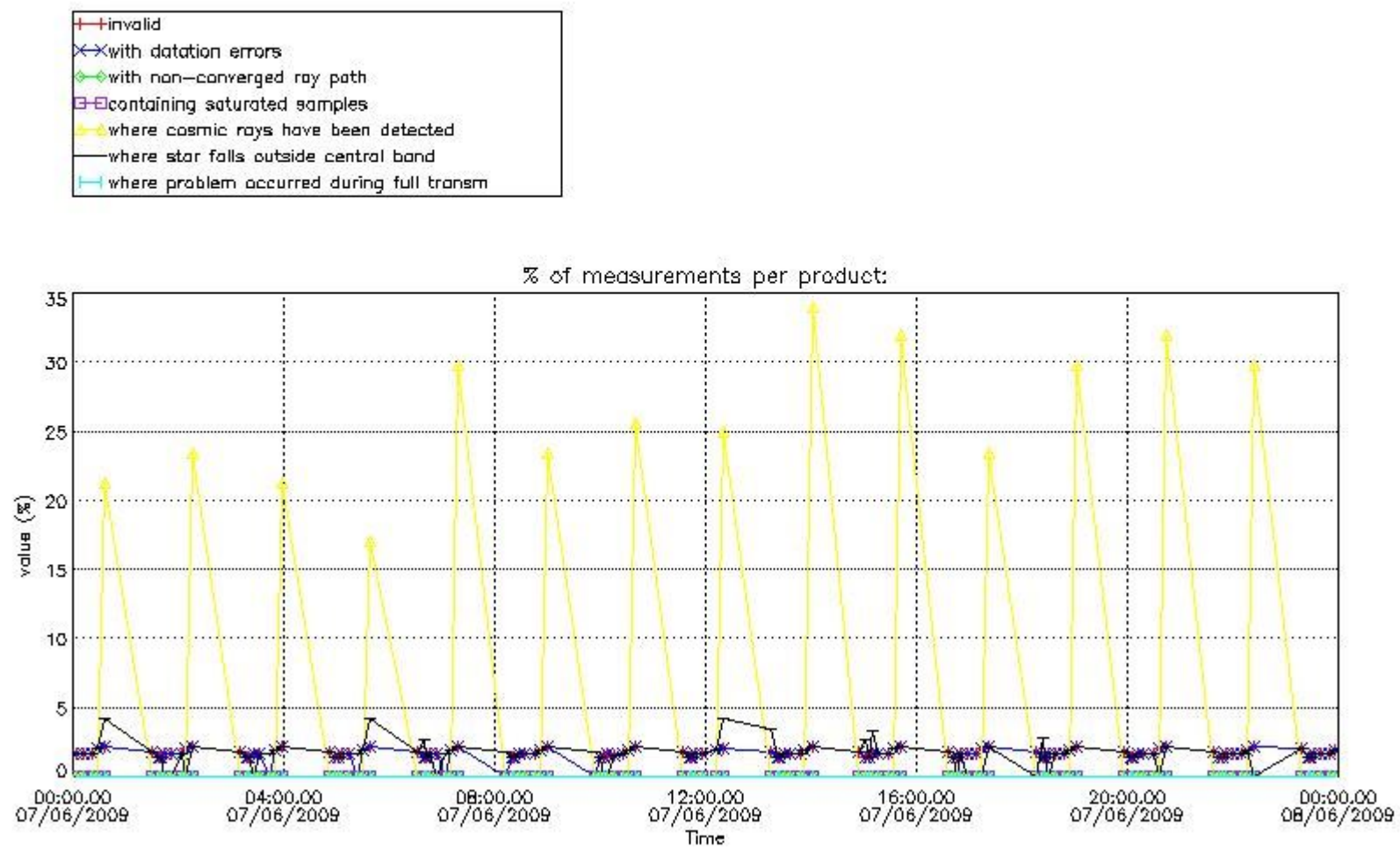
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

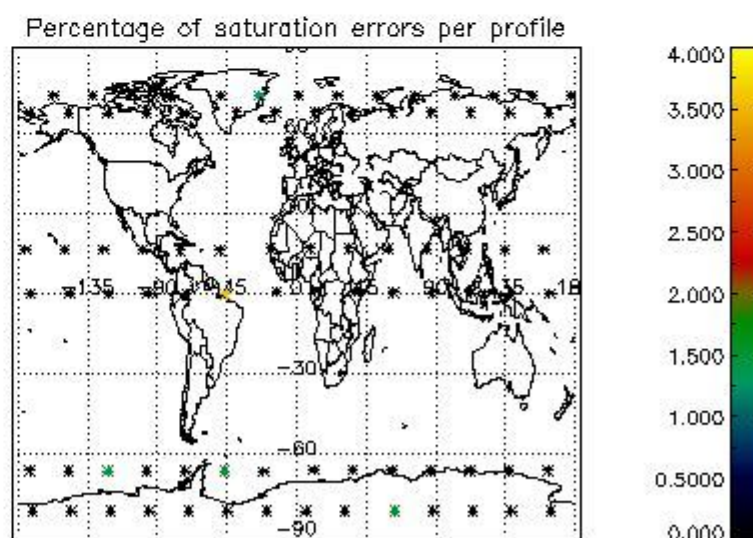
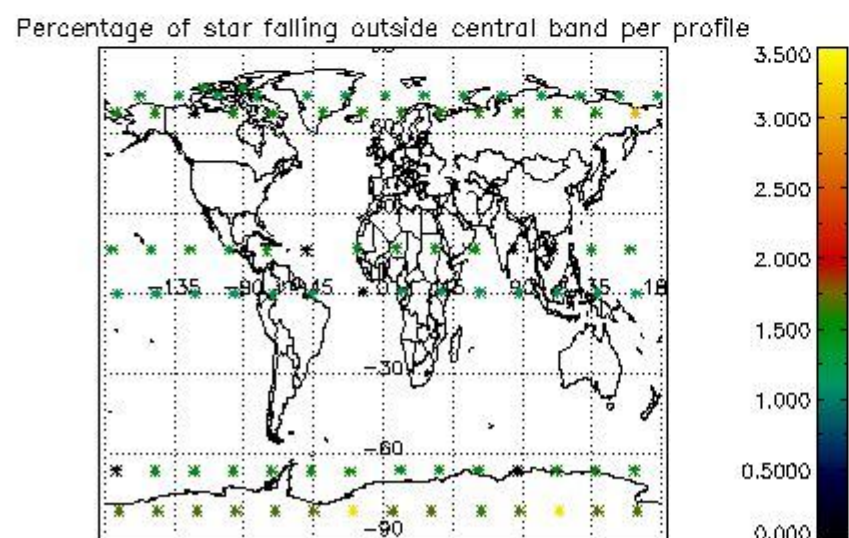
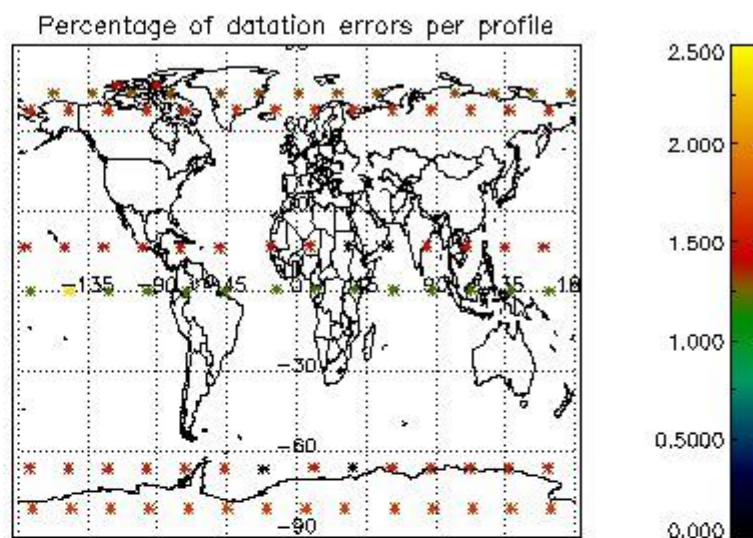
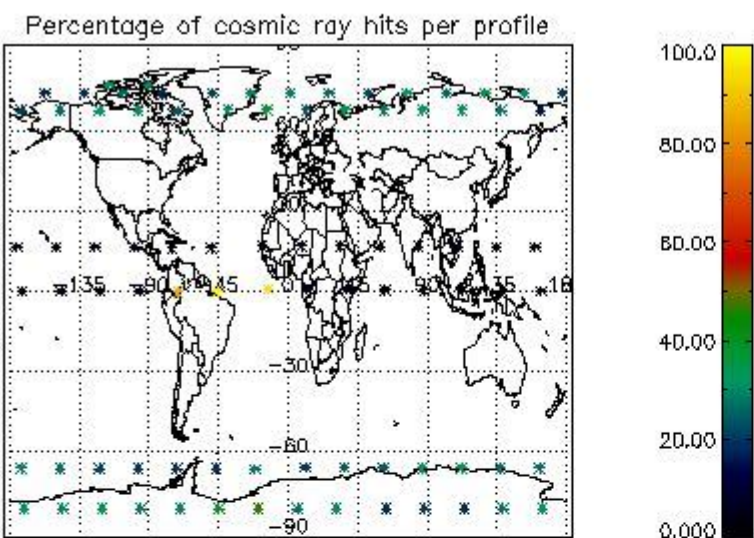


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

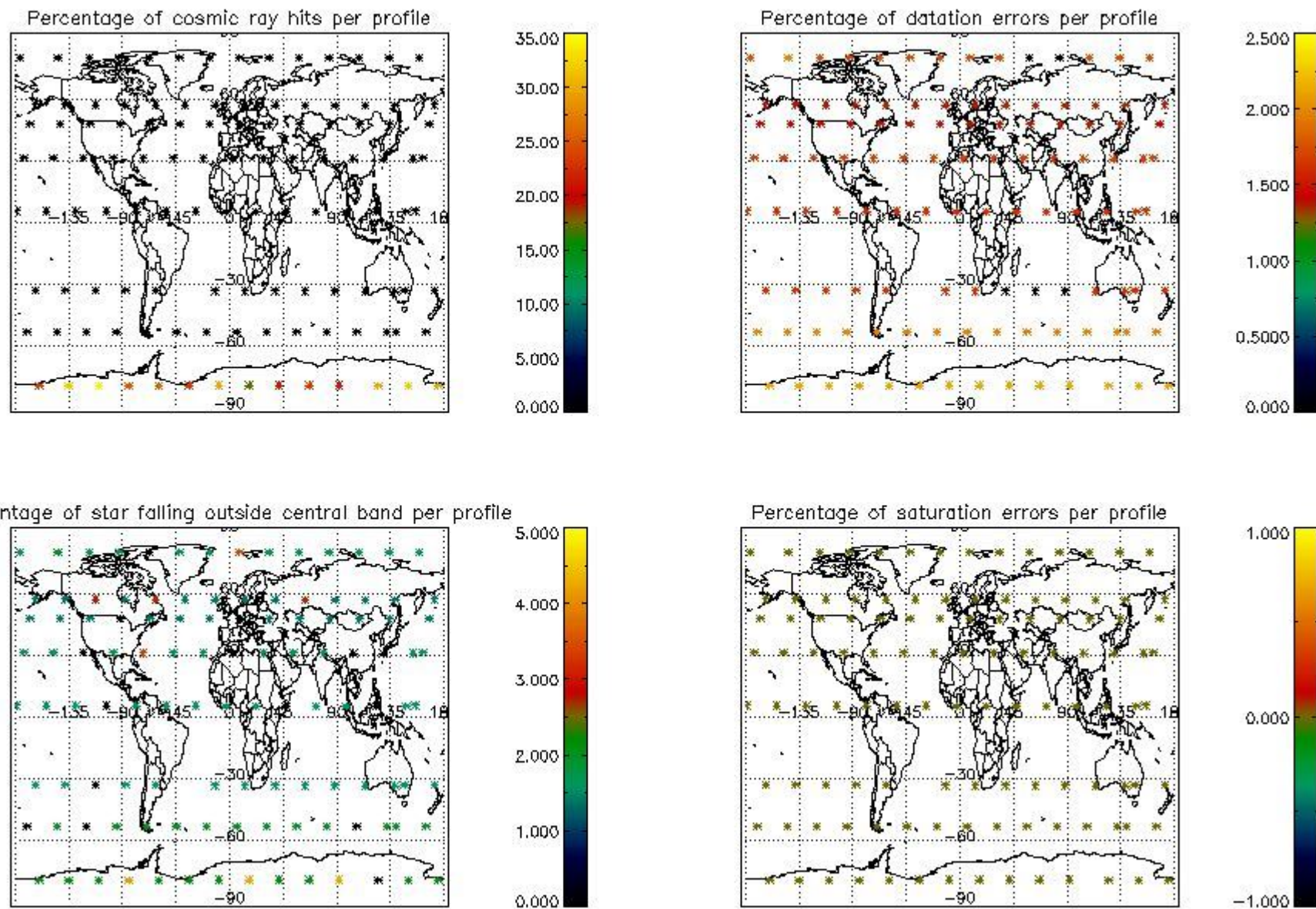


4.2 Plot quality information per product coming from level 1b processing (world map)

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

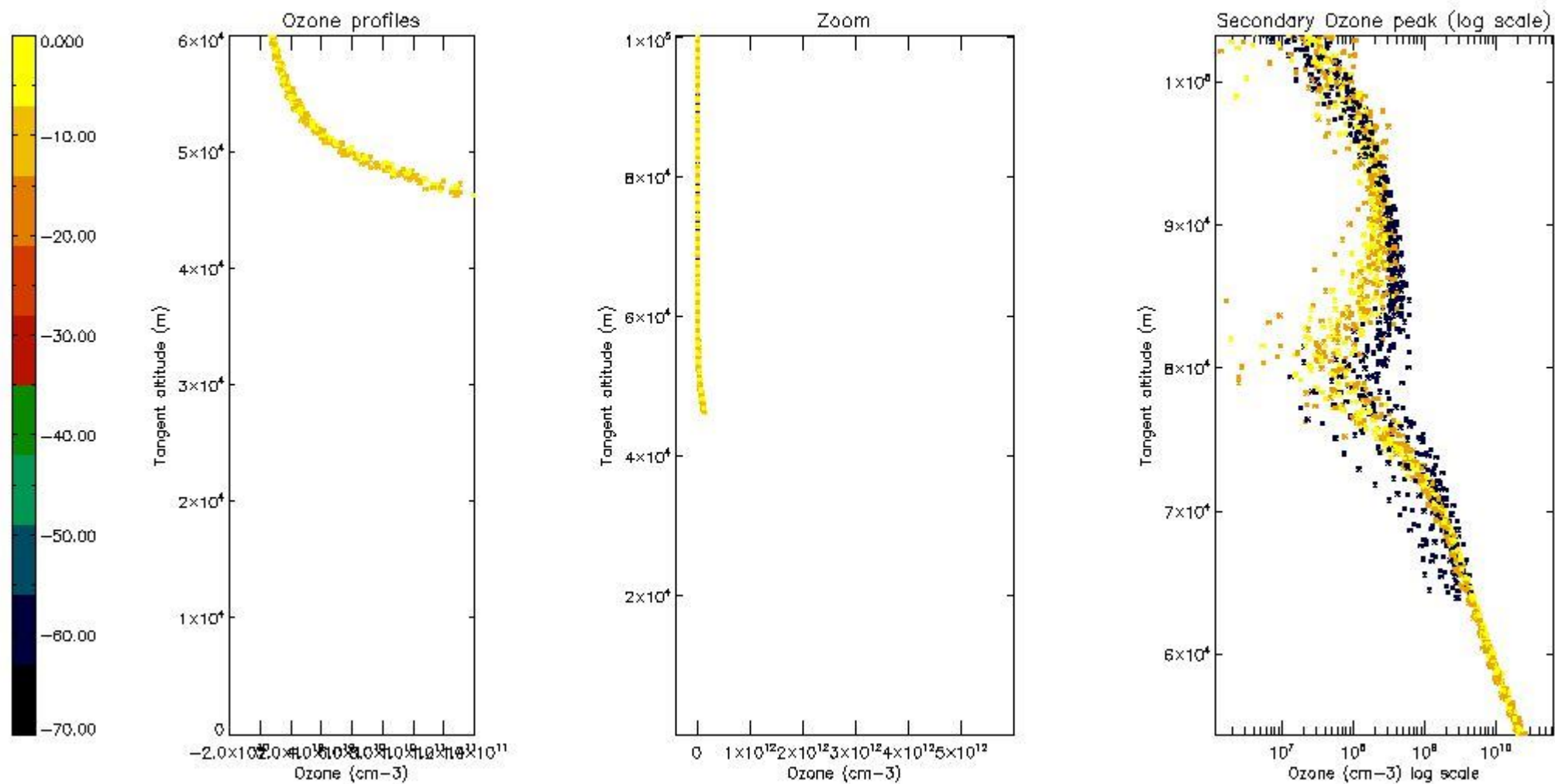
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	11

STD < 10	8
STD < 5	7

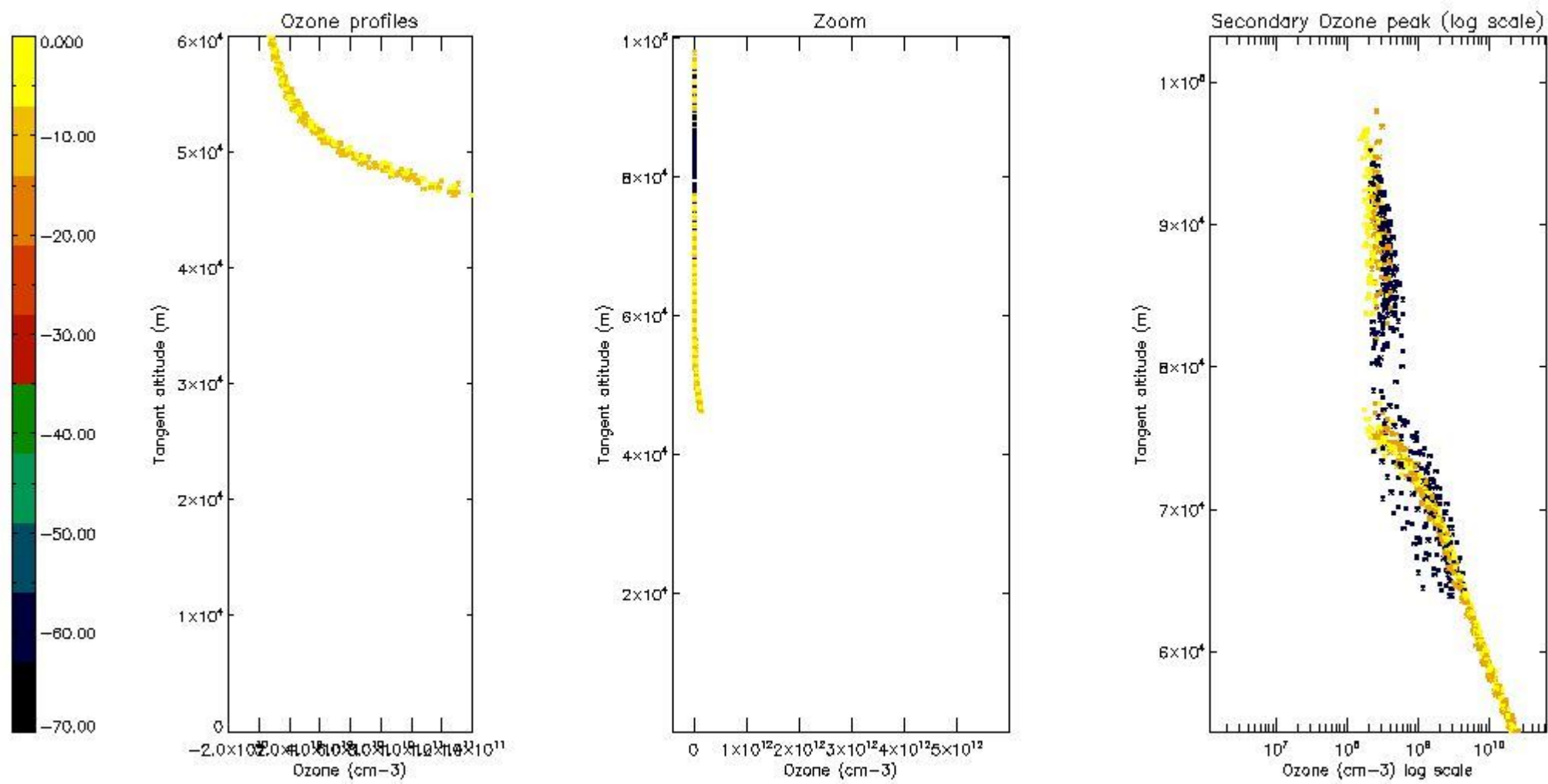
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



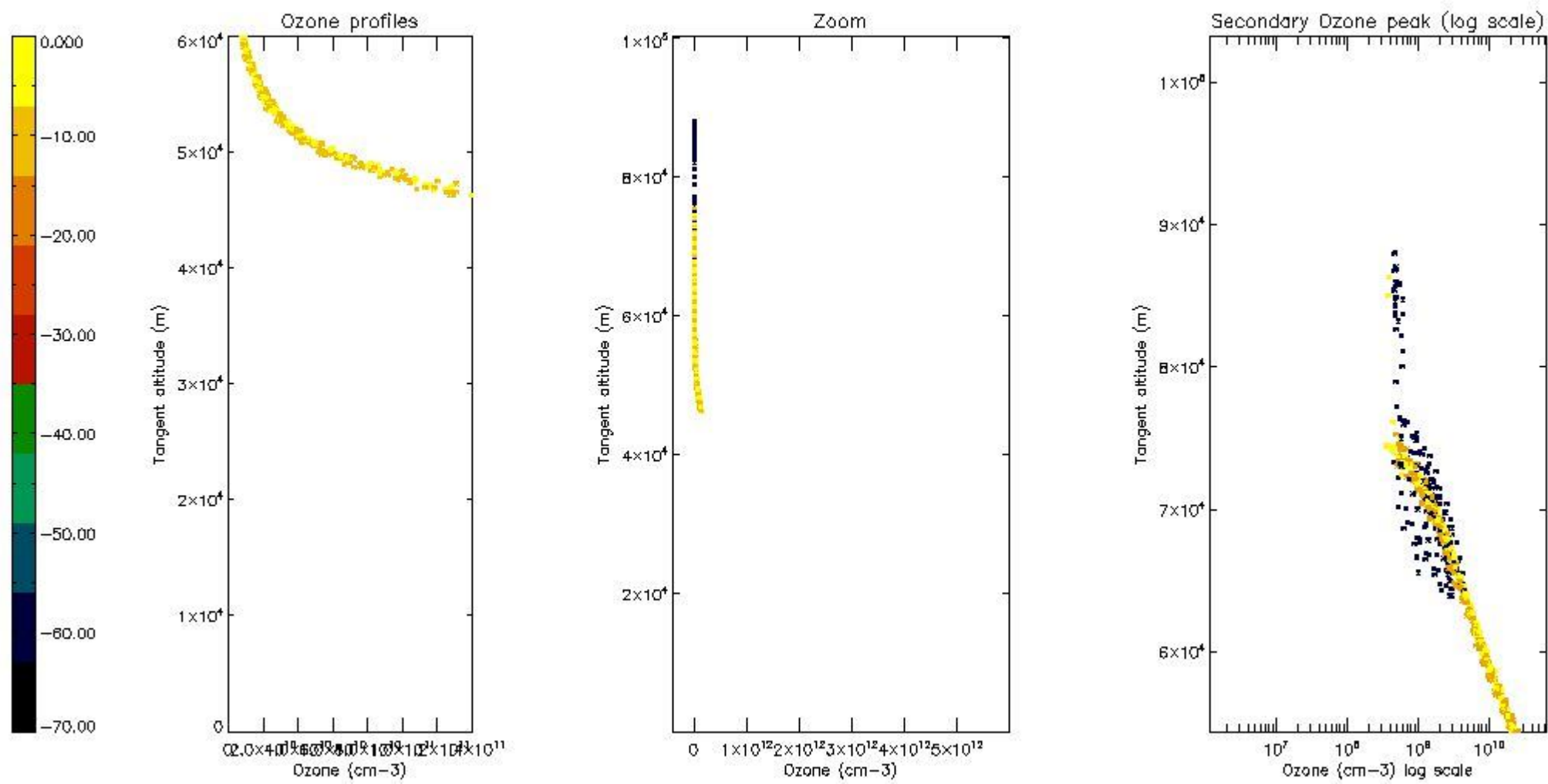
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



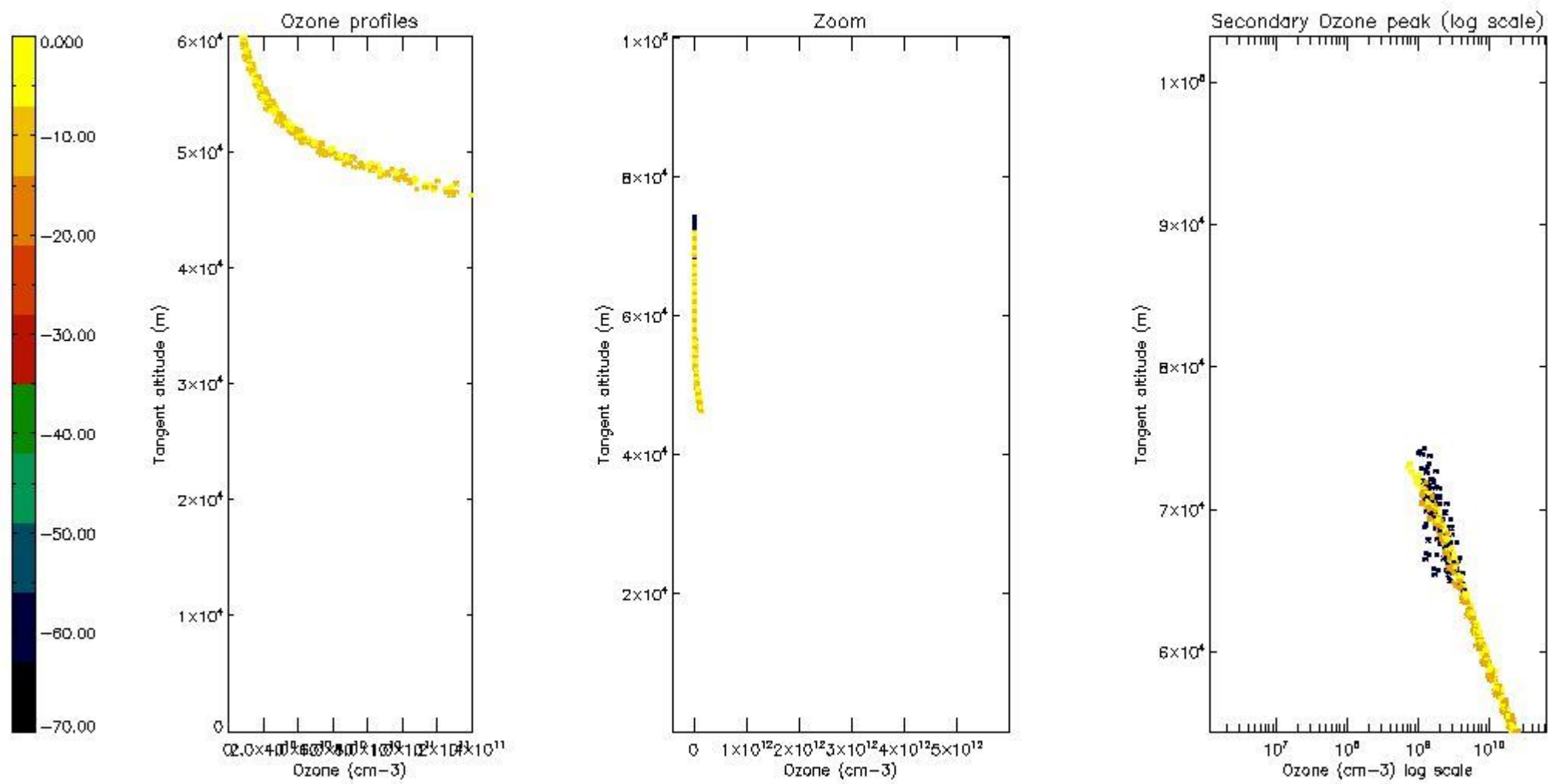
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



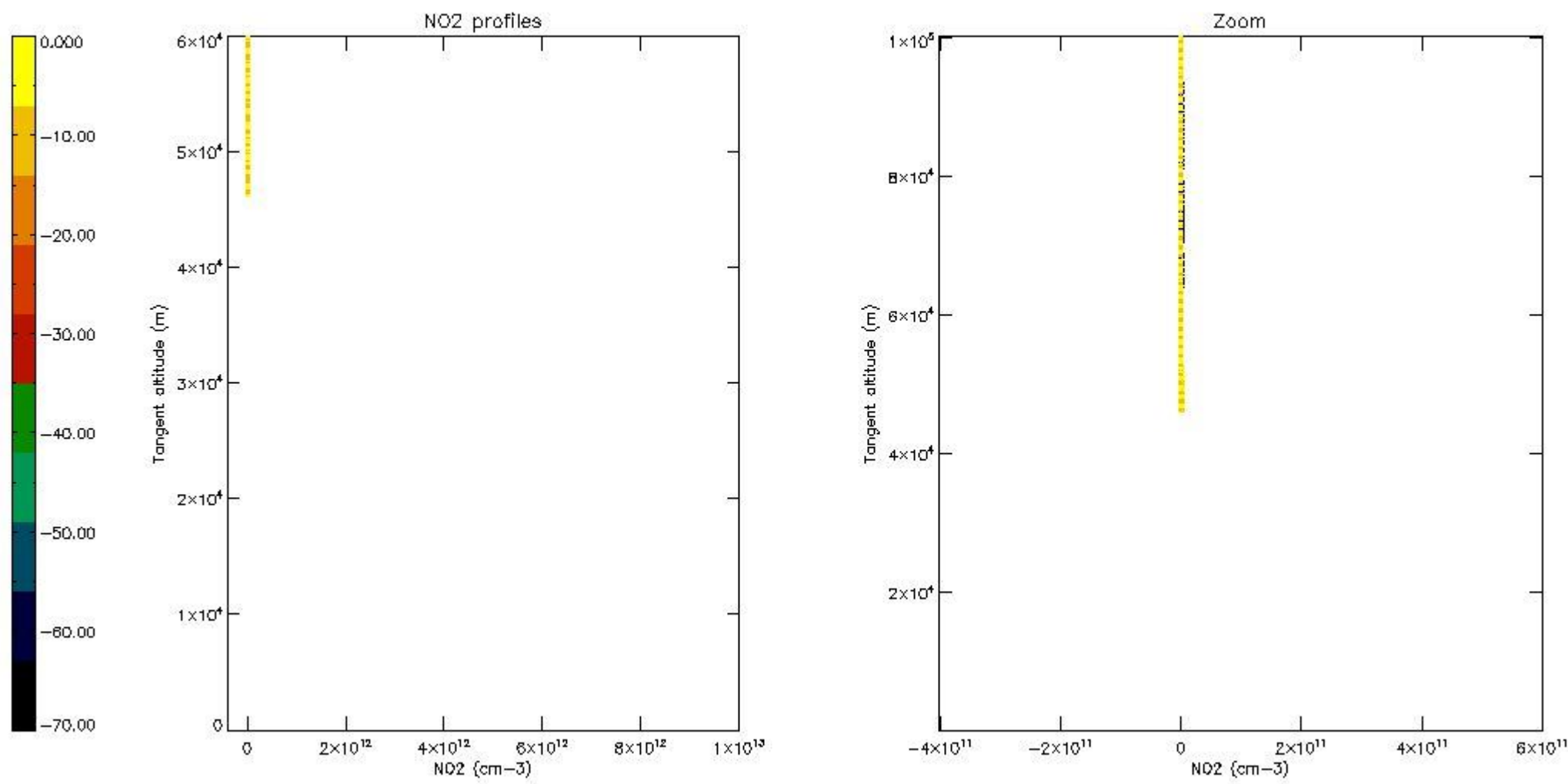
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



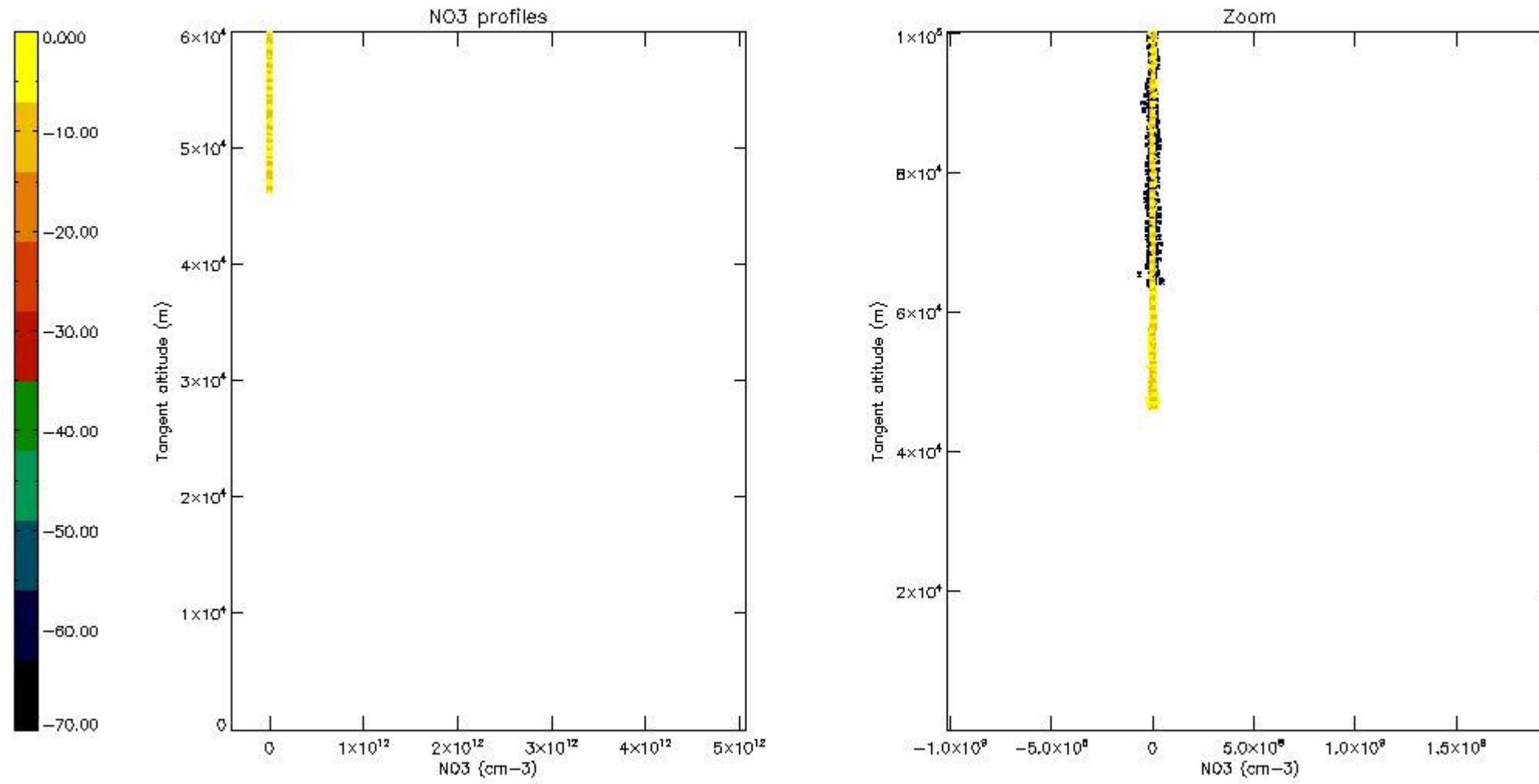
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

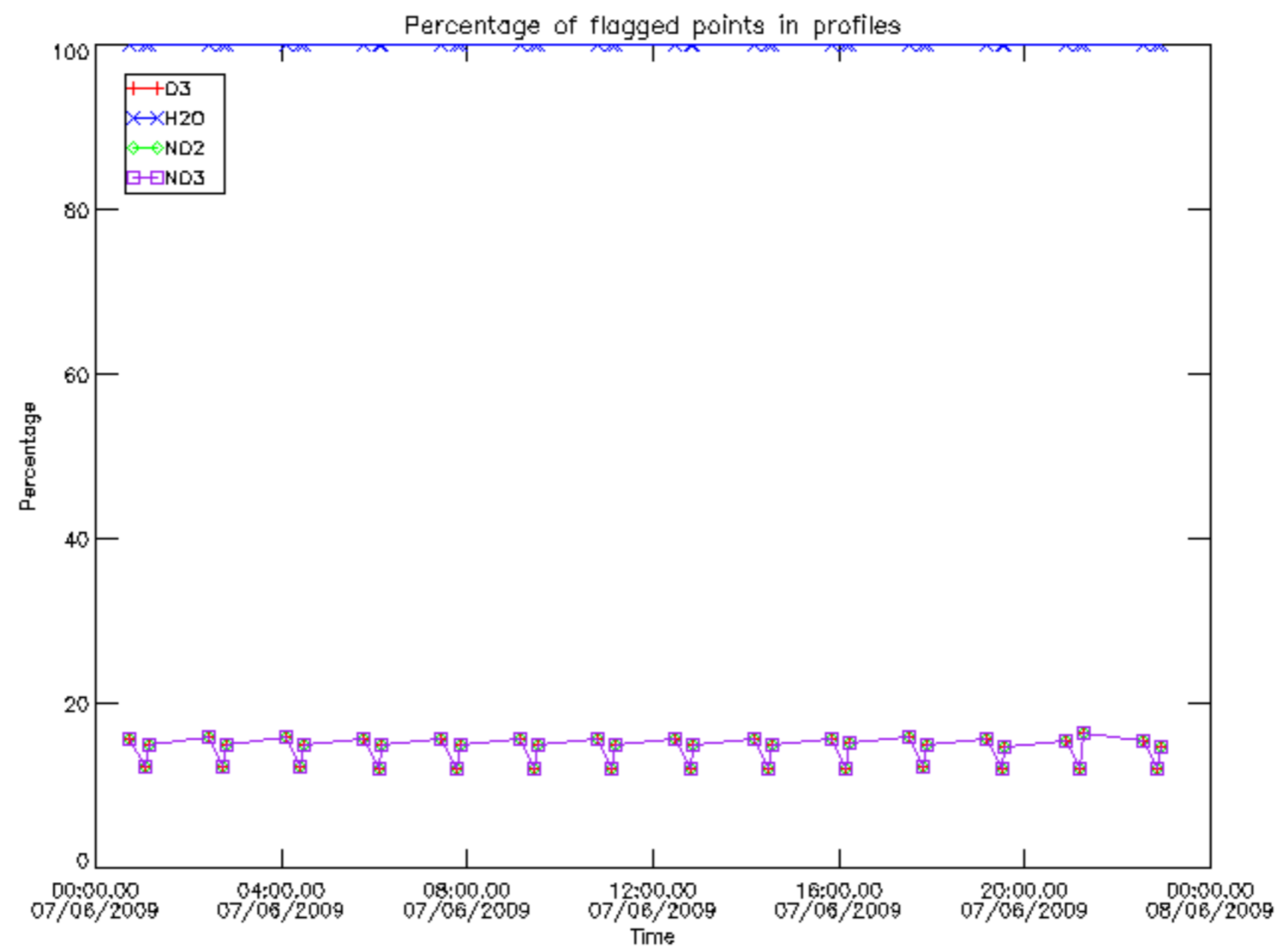
The colorbar represents the latitude.



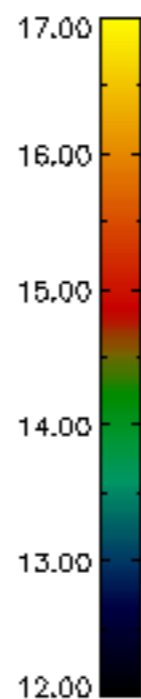
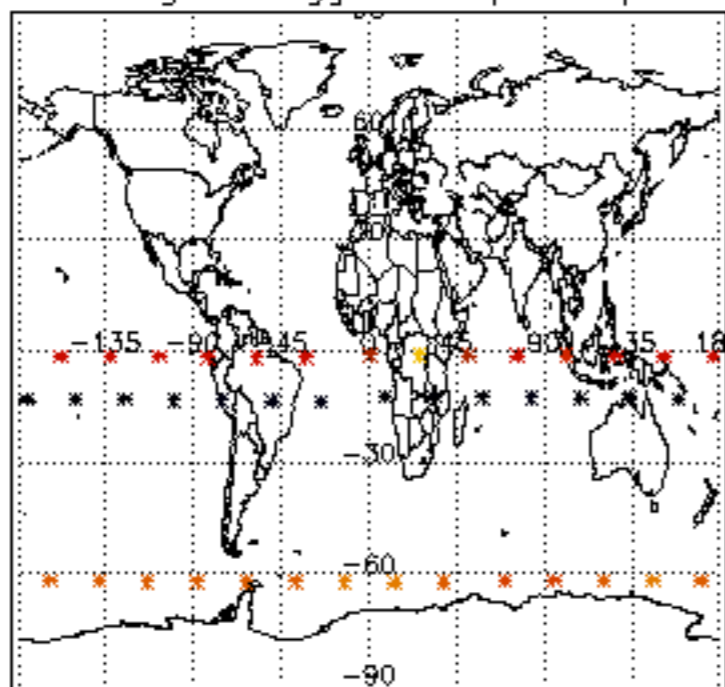
6. Auxiliary Data Files used for the production reported in section 2

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.

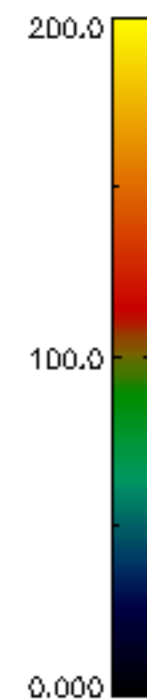
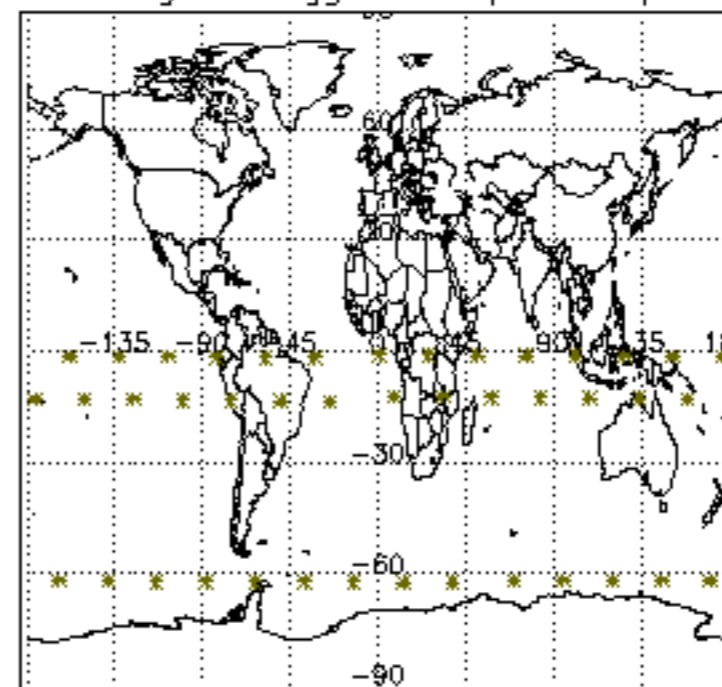
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	07-JUN-2009 00:04:23
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	07-JUN-2009 00:04:23
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	07-JUN-2009 00:04:23



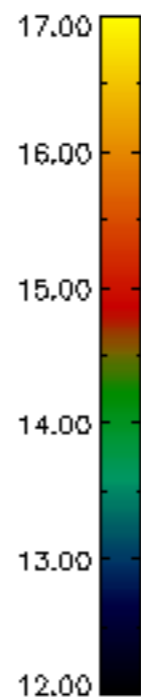
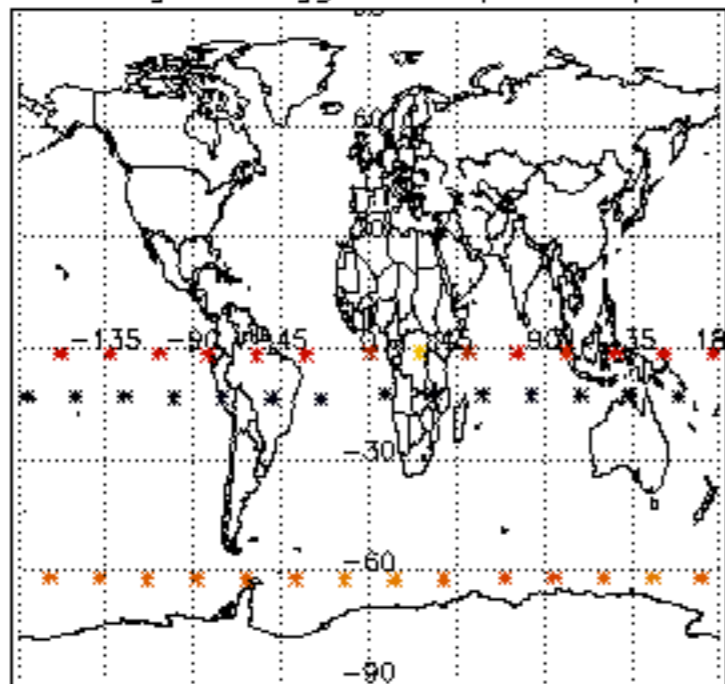
Percentage of flagged data per D3 profile



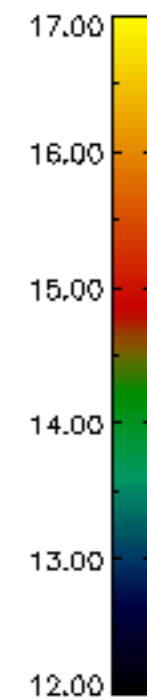
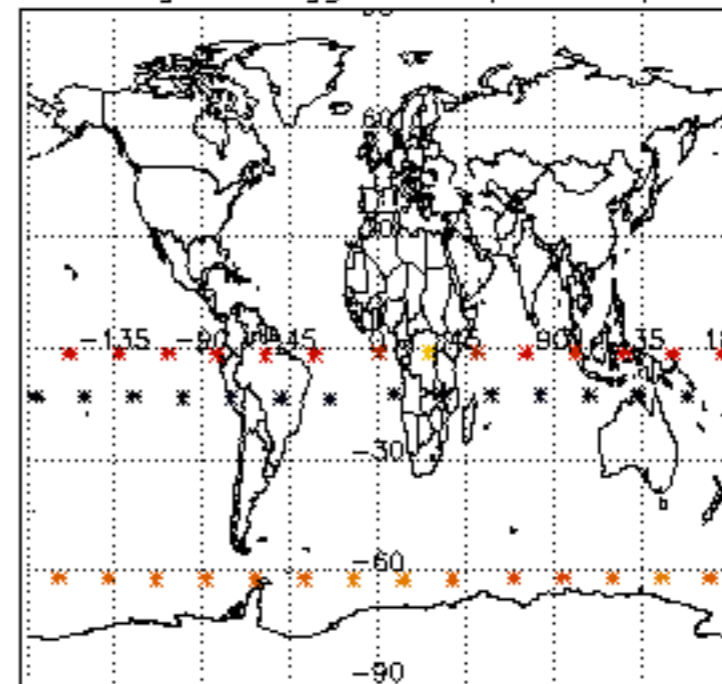
Percentage of flagged data per H2O profile

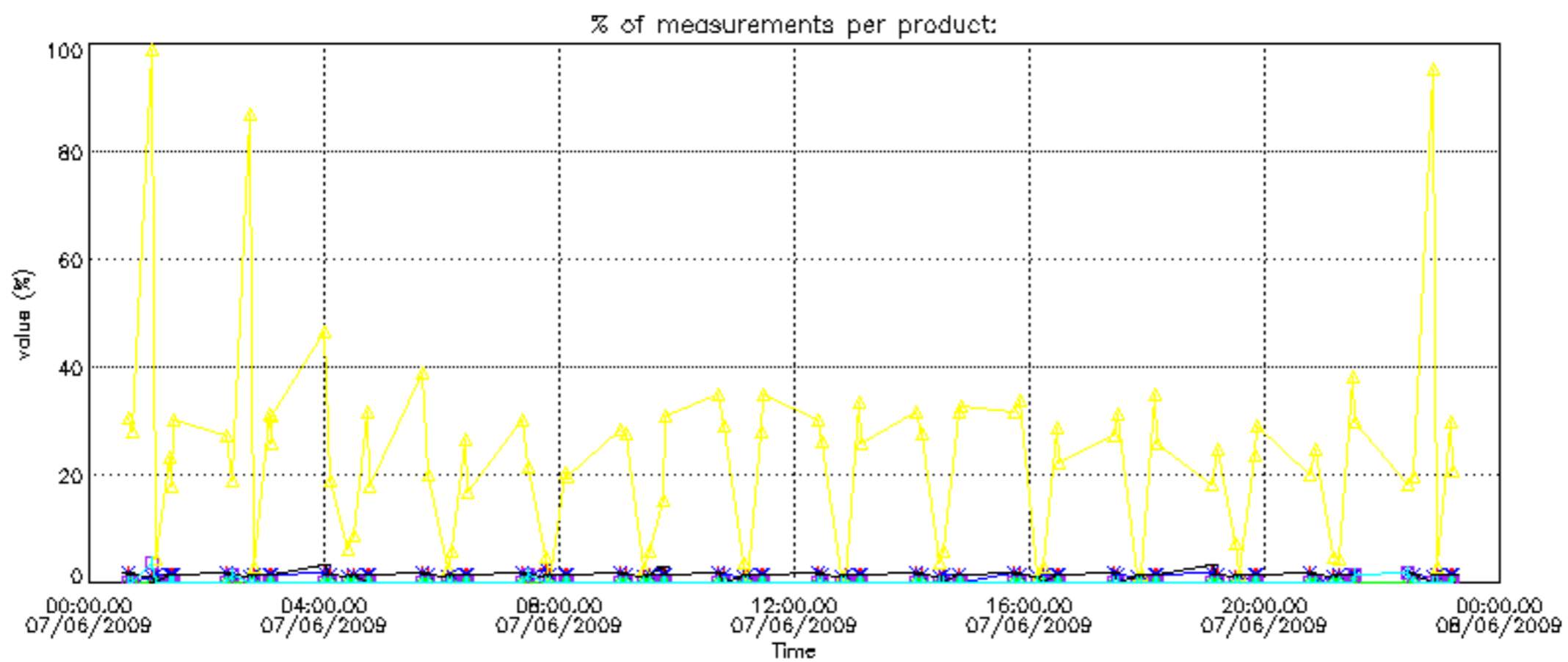


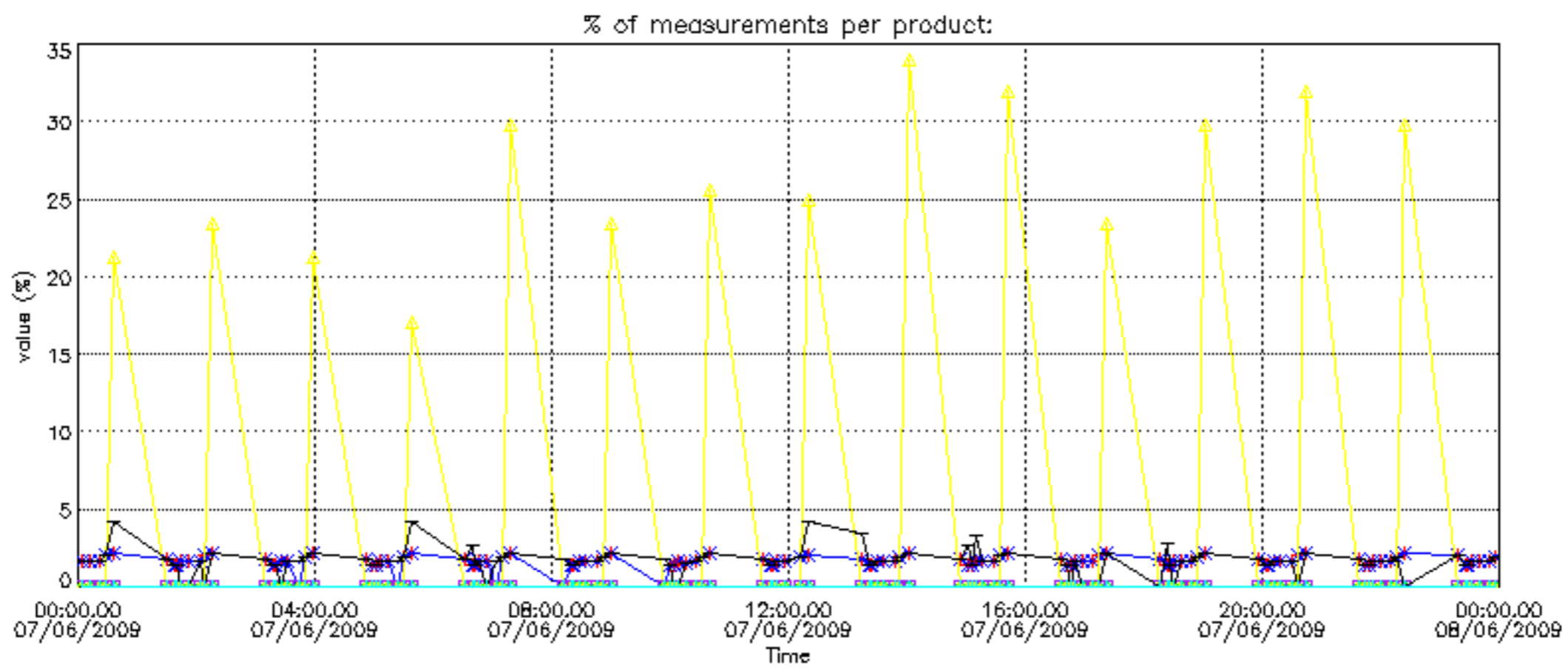
Percentage of flagged data per NO2 profile



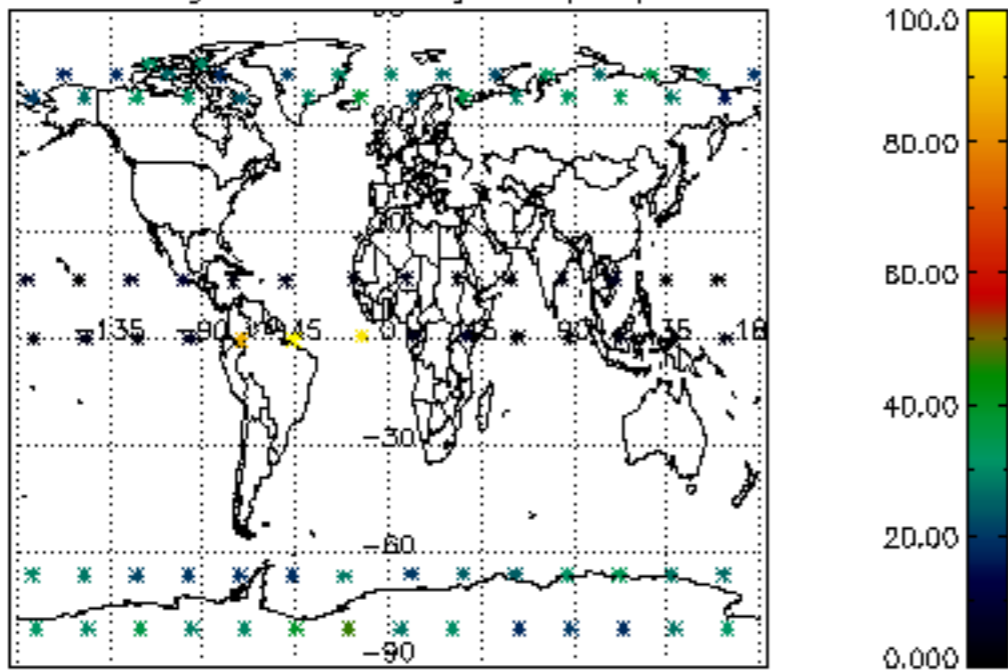
Percentage of flagged data per NO3 profile



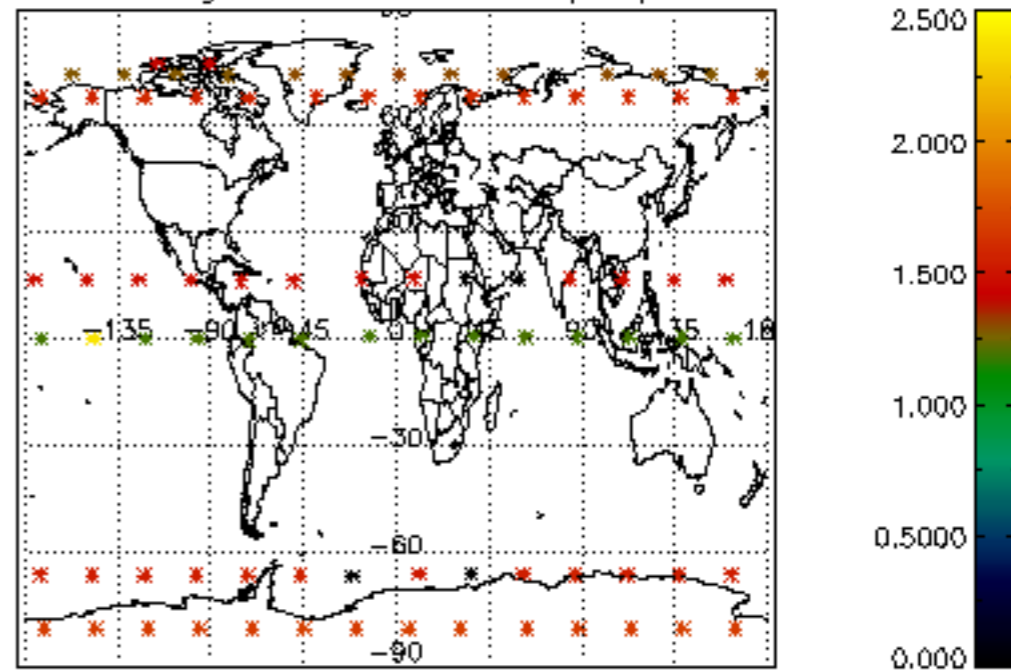




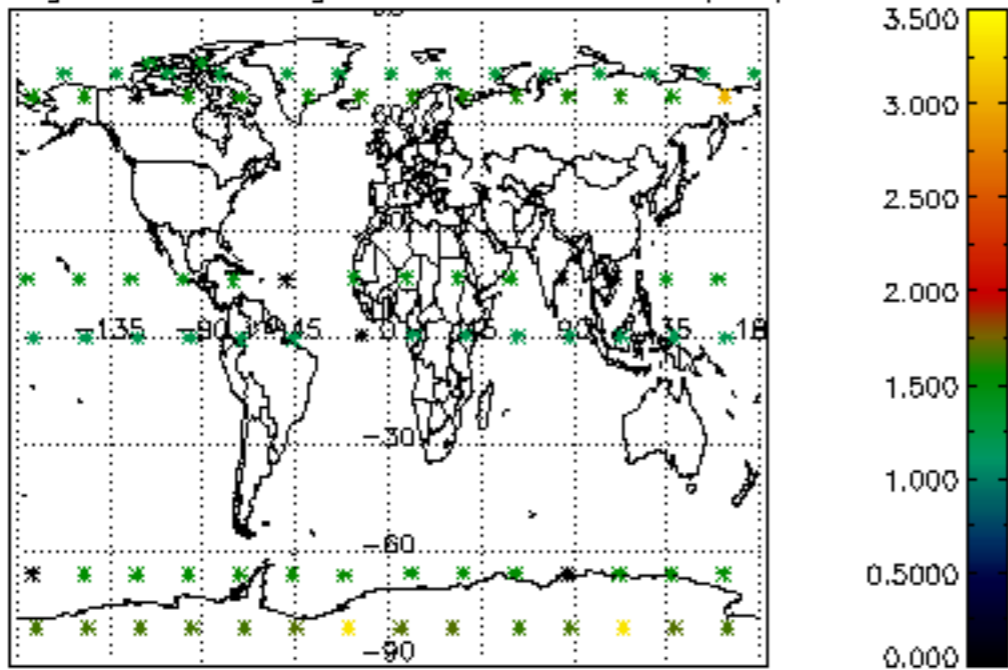
Percentage of cosmic ray hits per profile



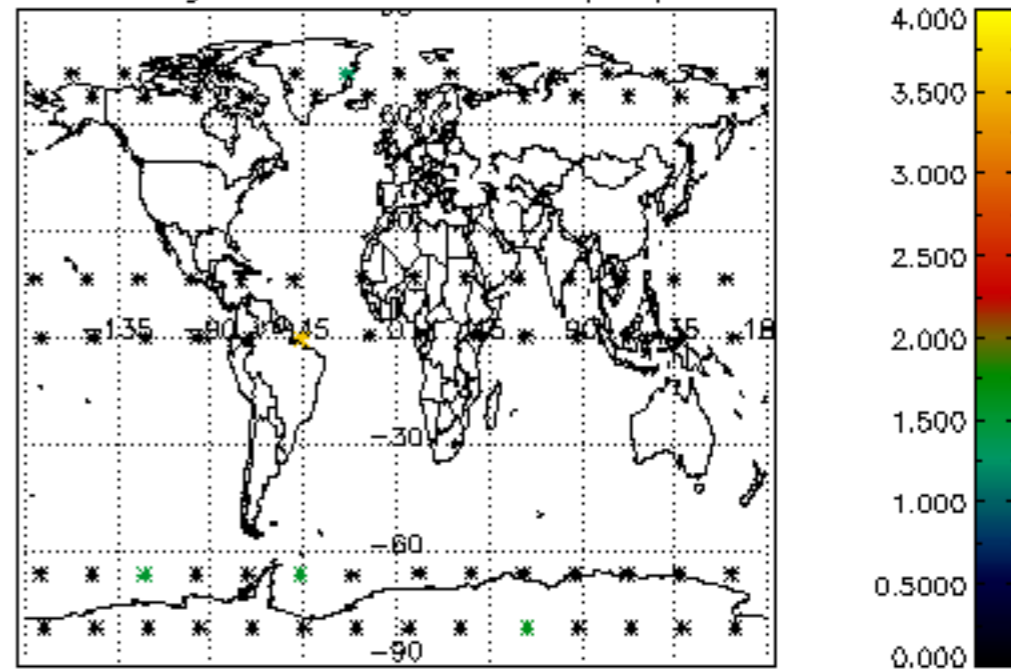
Percentage of datation errors per profile



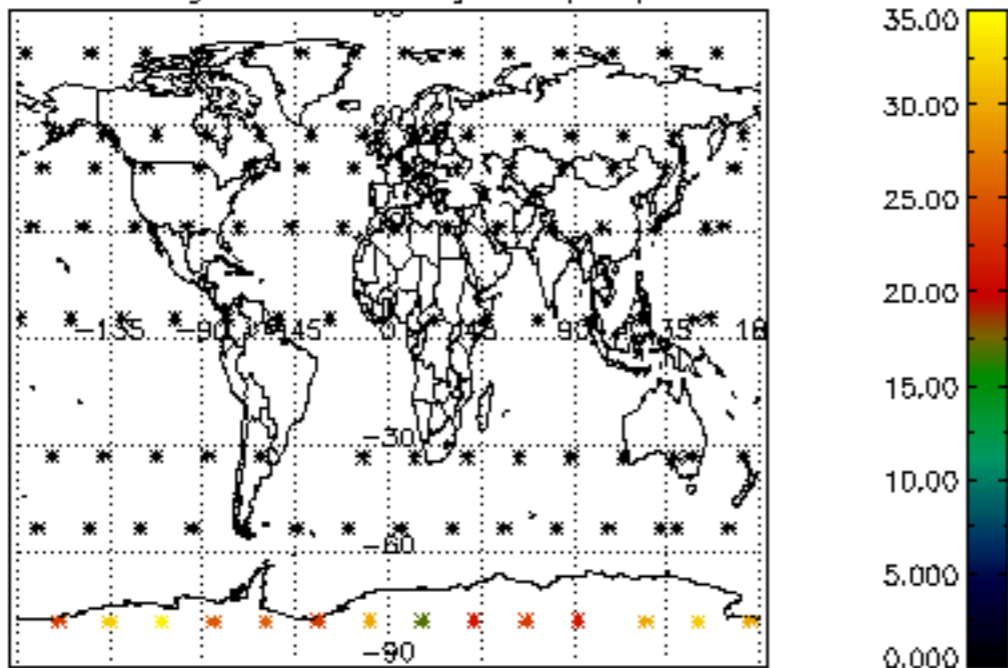
Percentage of star falling outside central band per profile



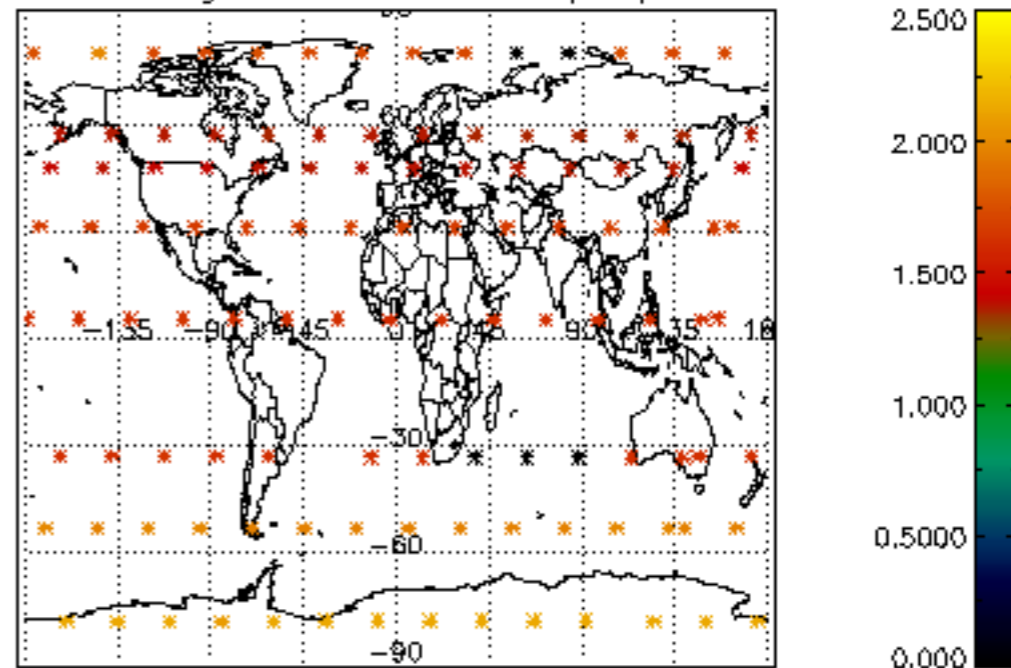
Percentage of saturation errors per profile



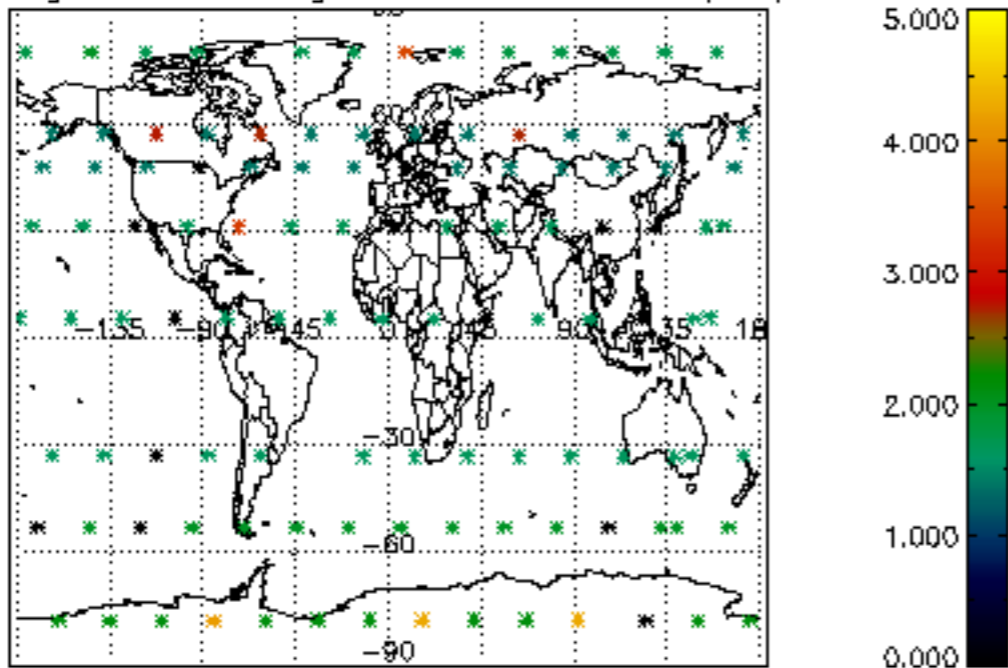
Percentage of cosmic ray hits per profile



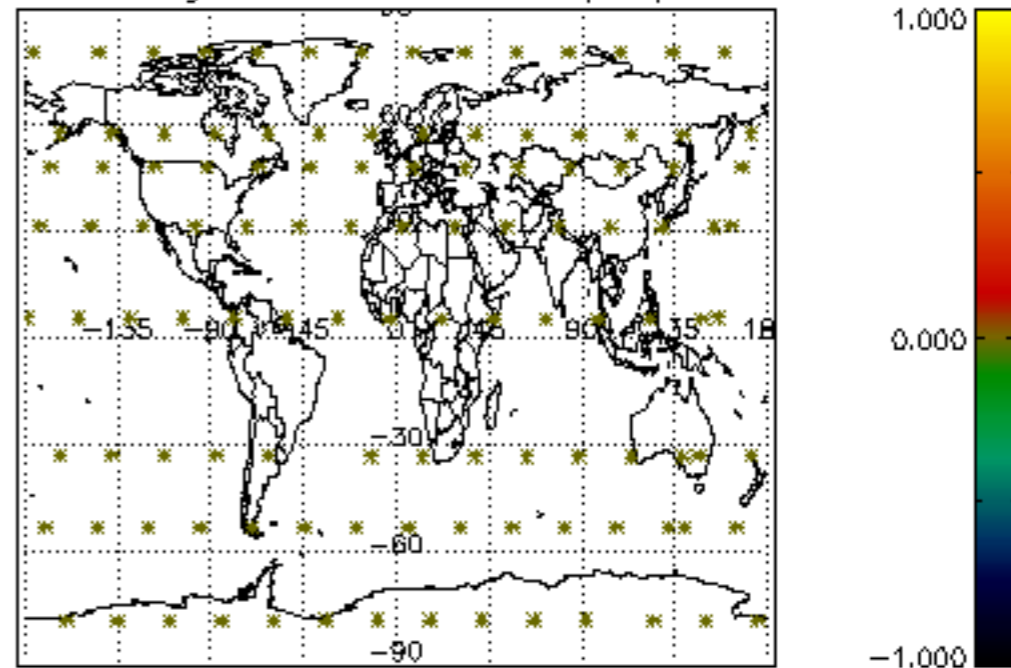
Percentage of datation errors per profile

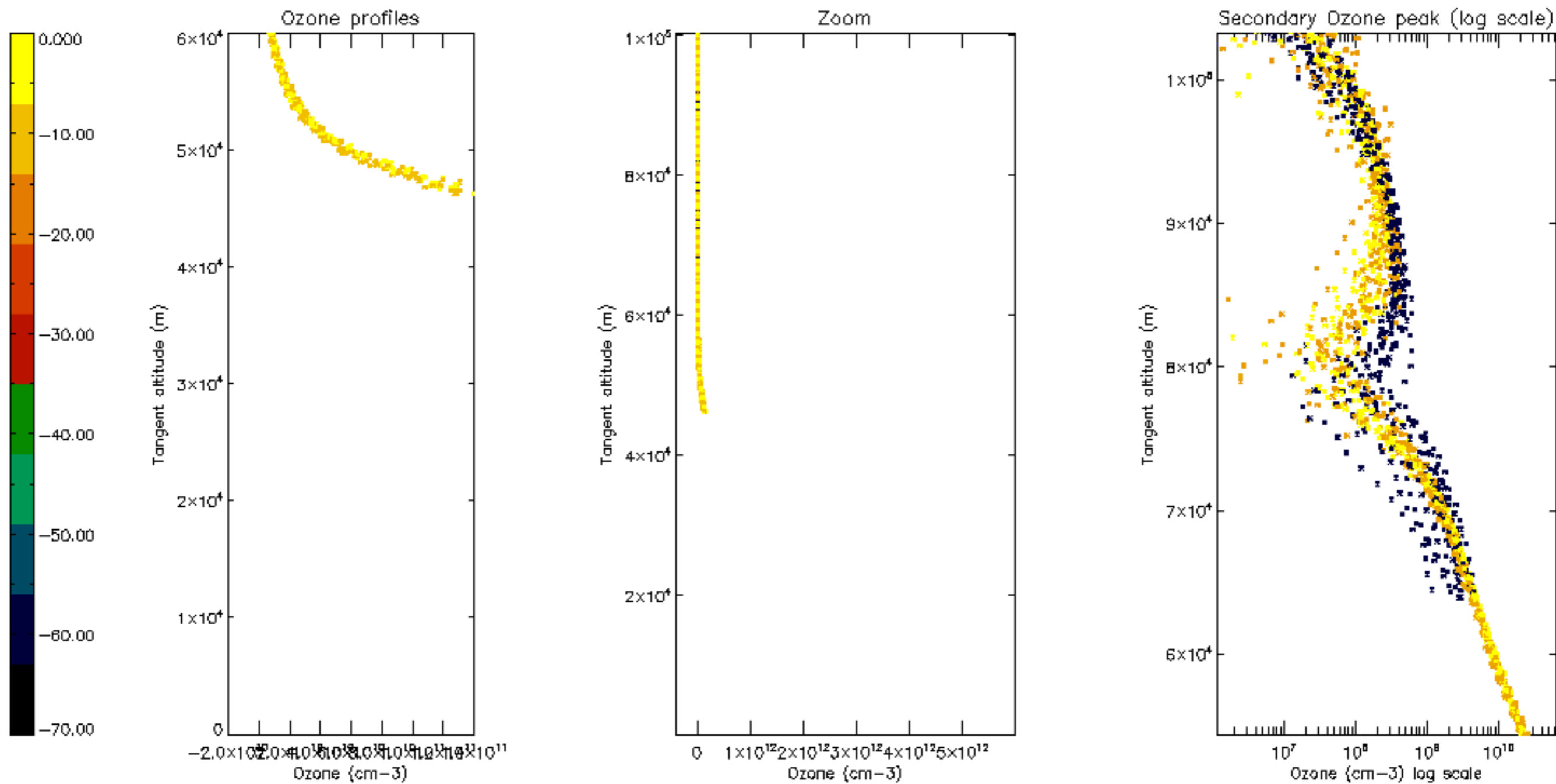


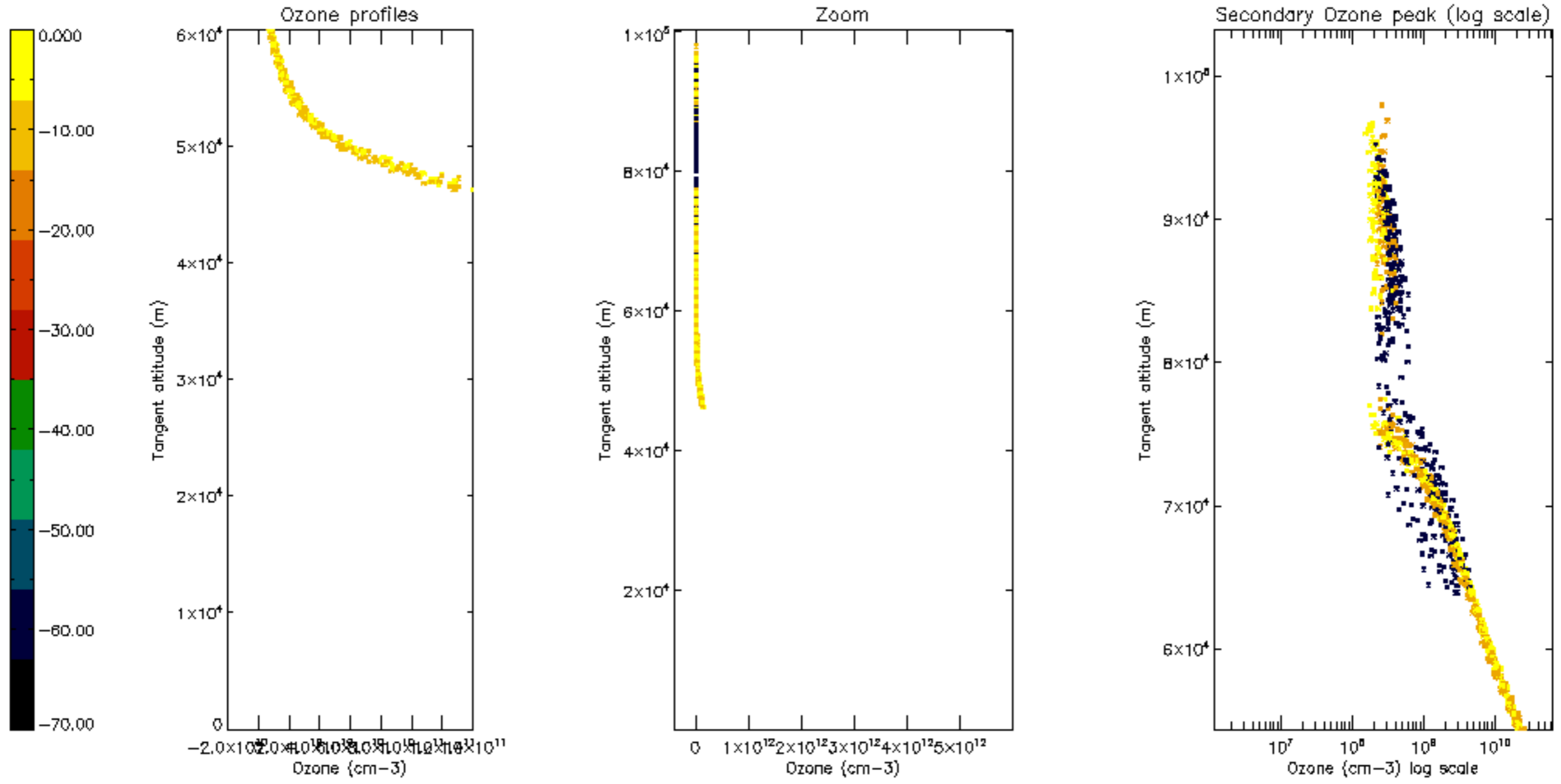
Percentage of star falling outside central band per profile

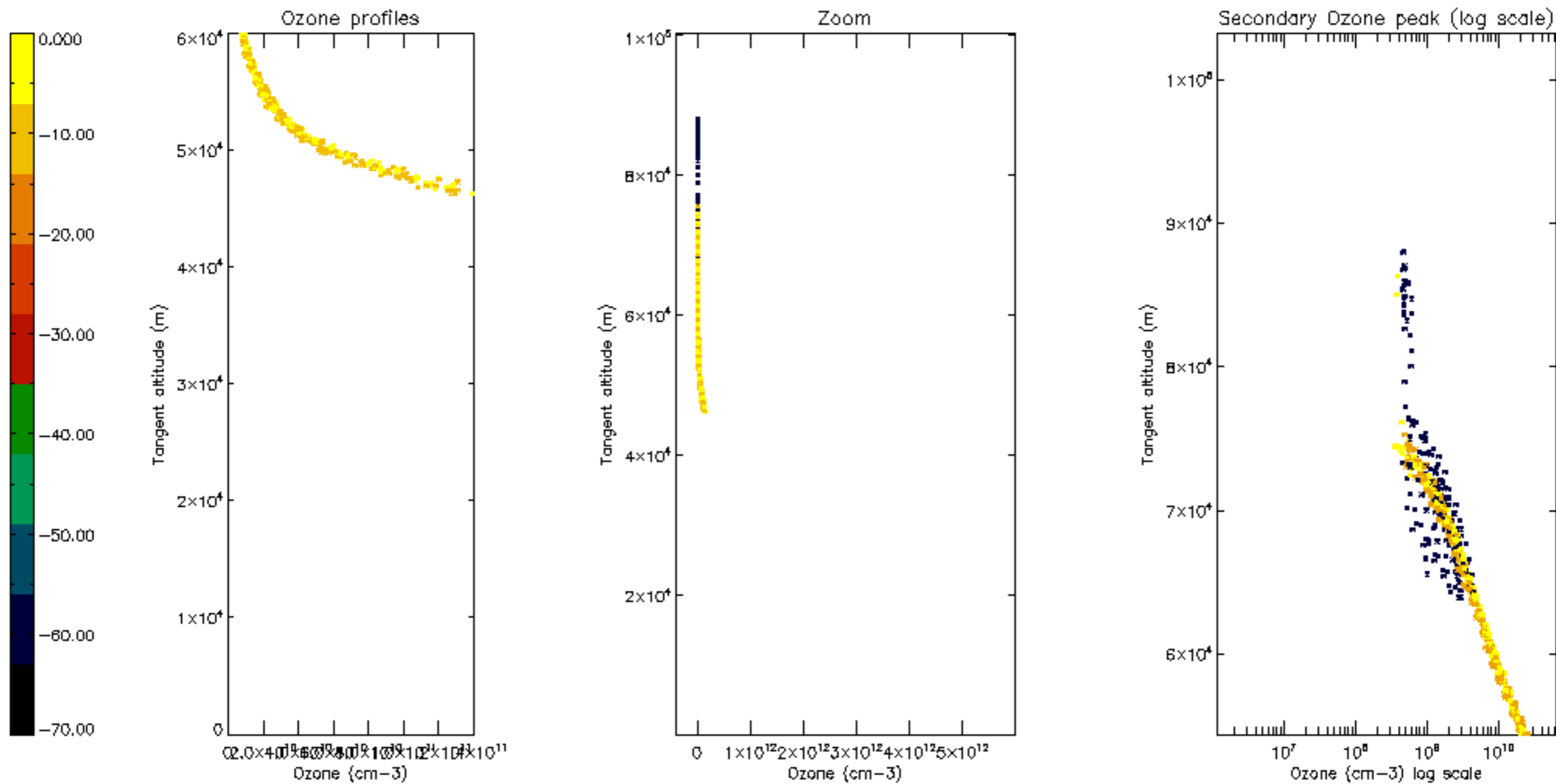


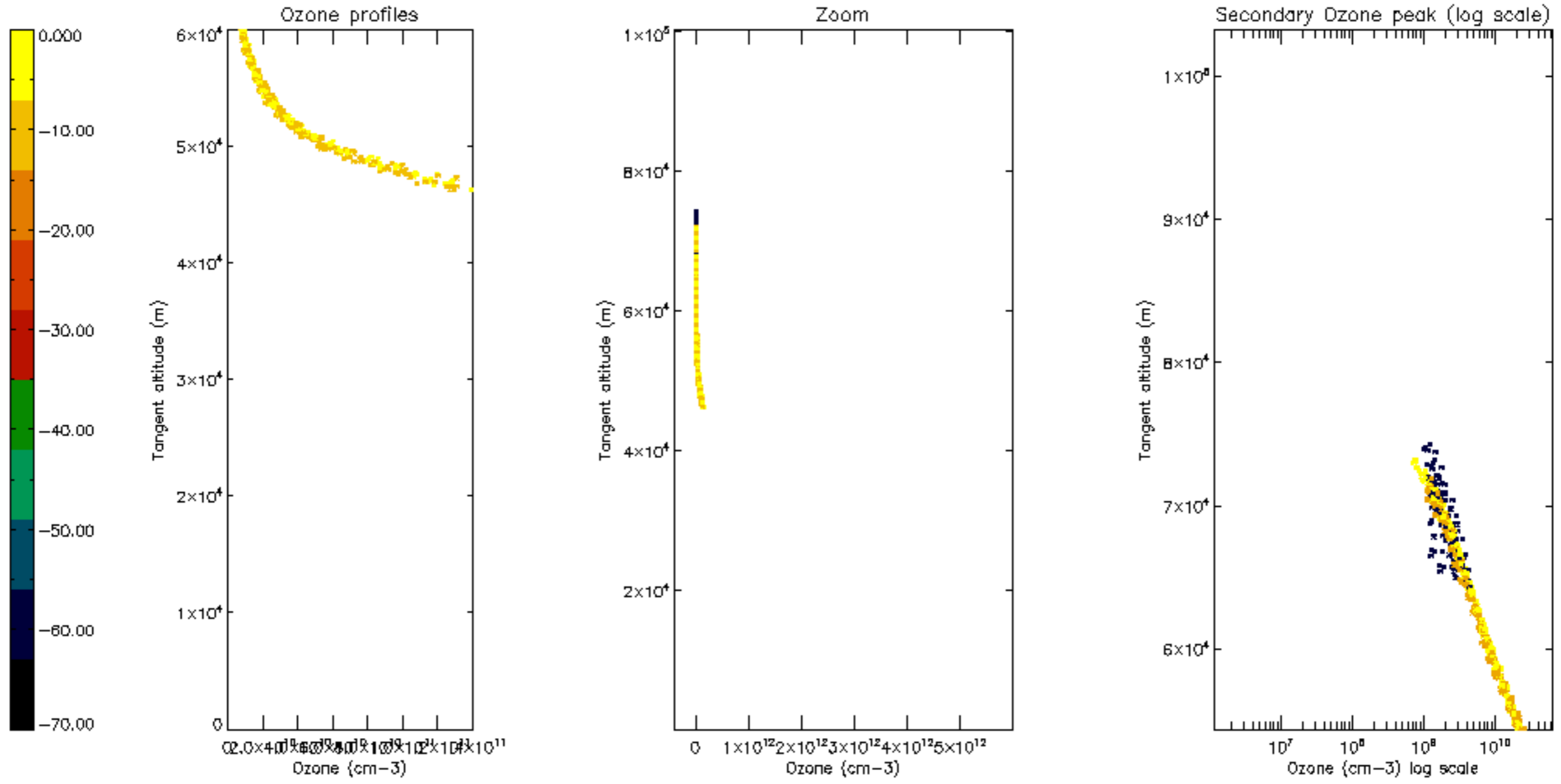
Percentage of saturation errors per profile

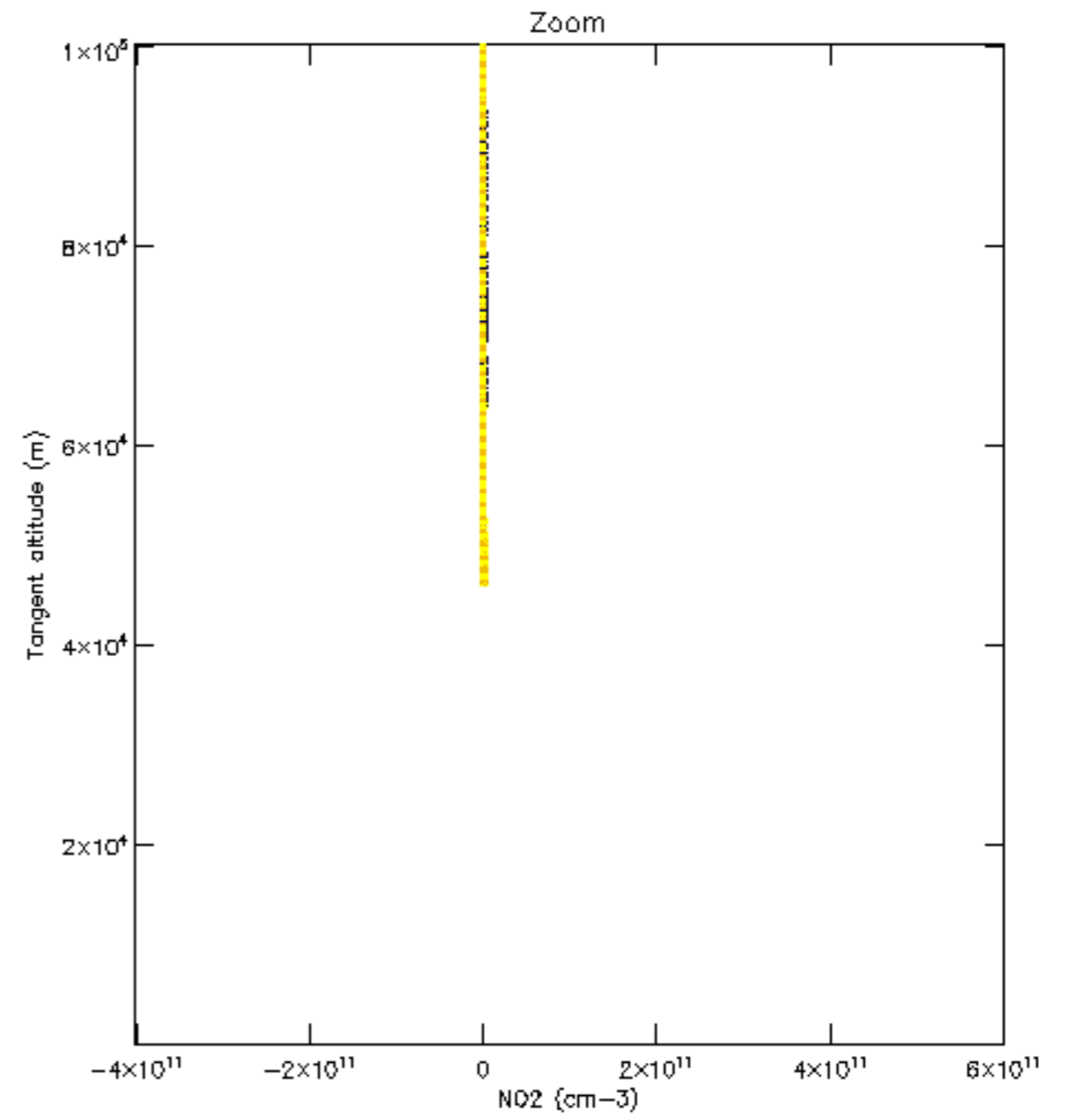
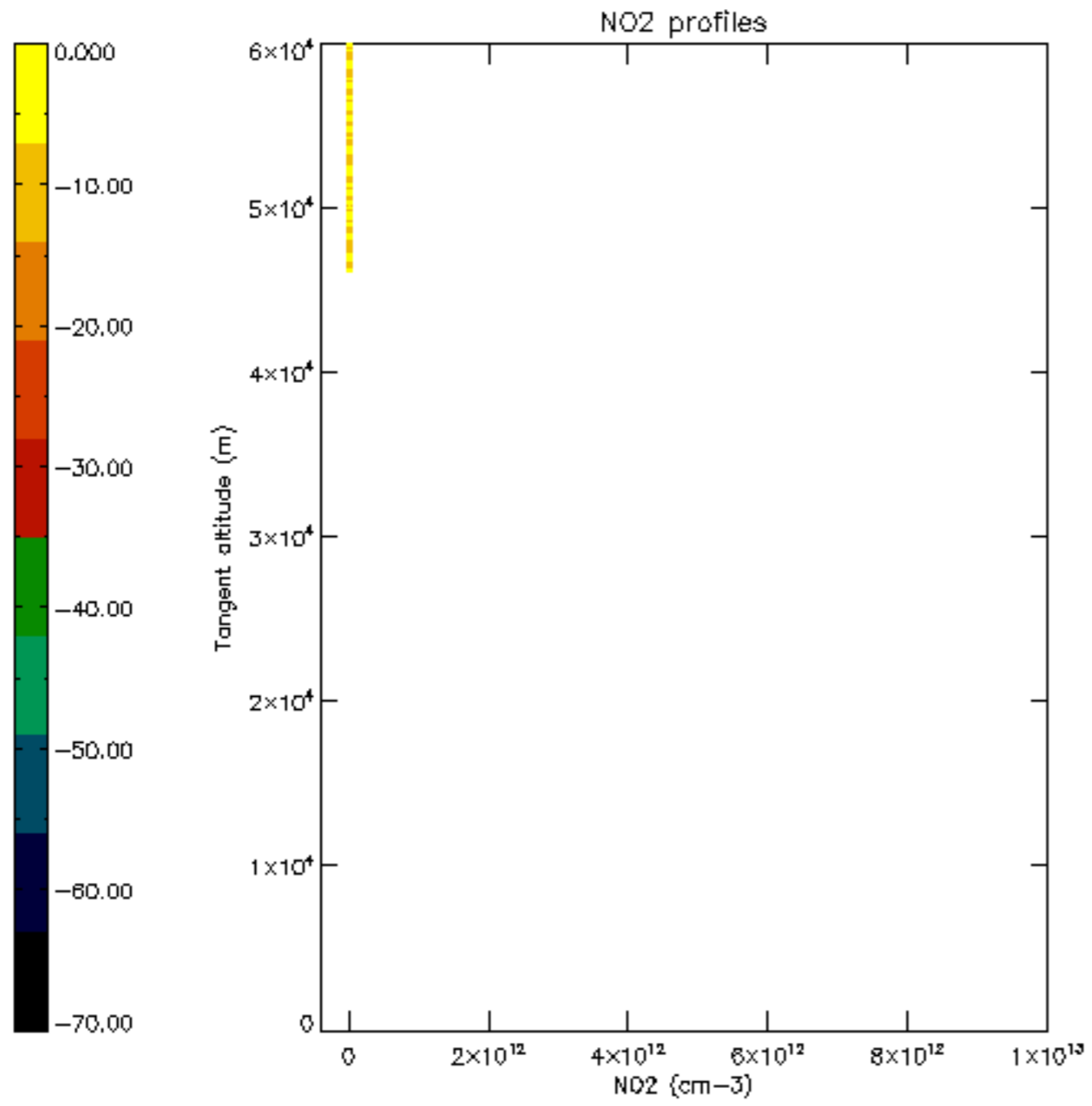


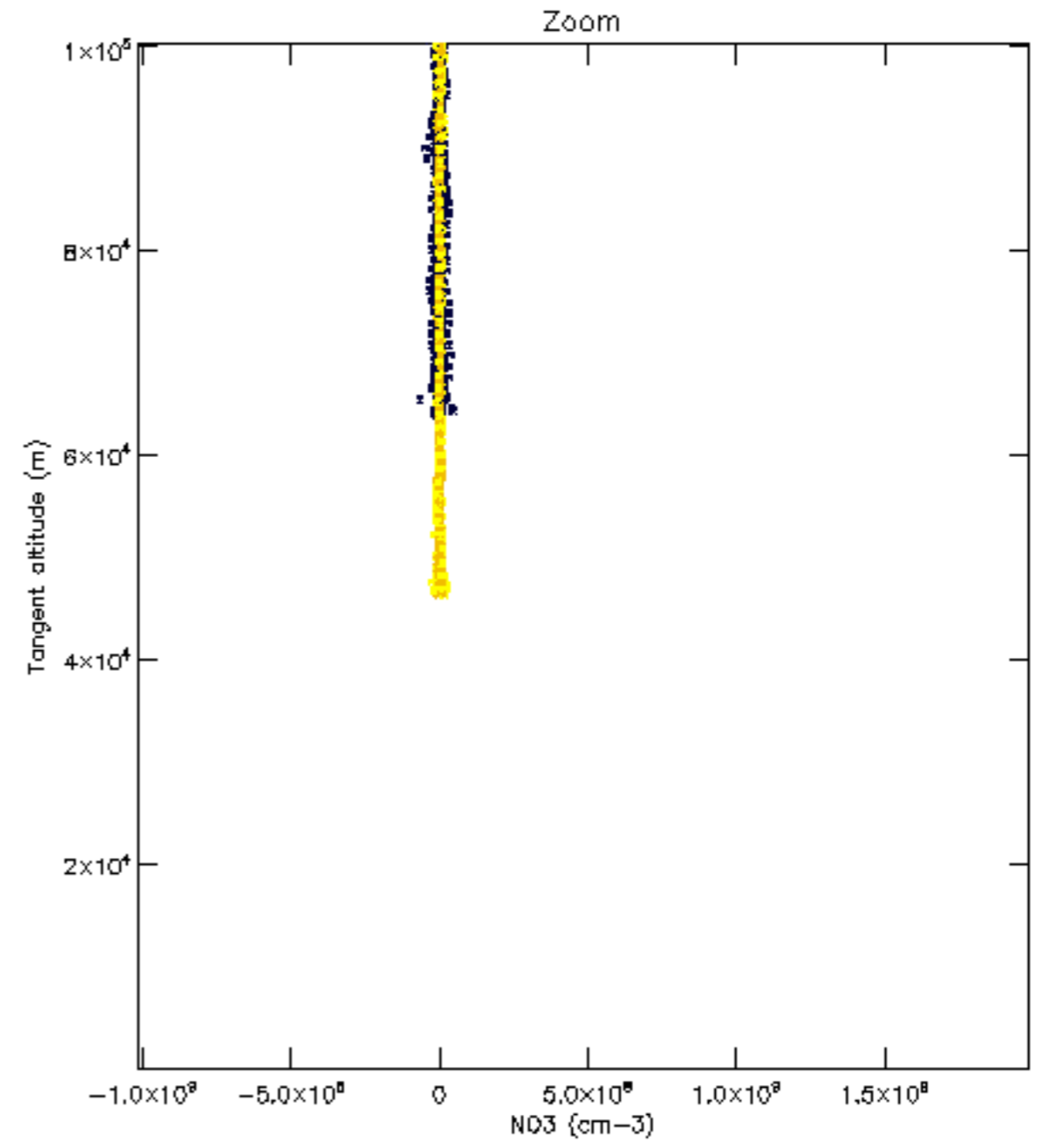
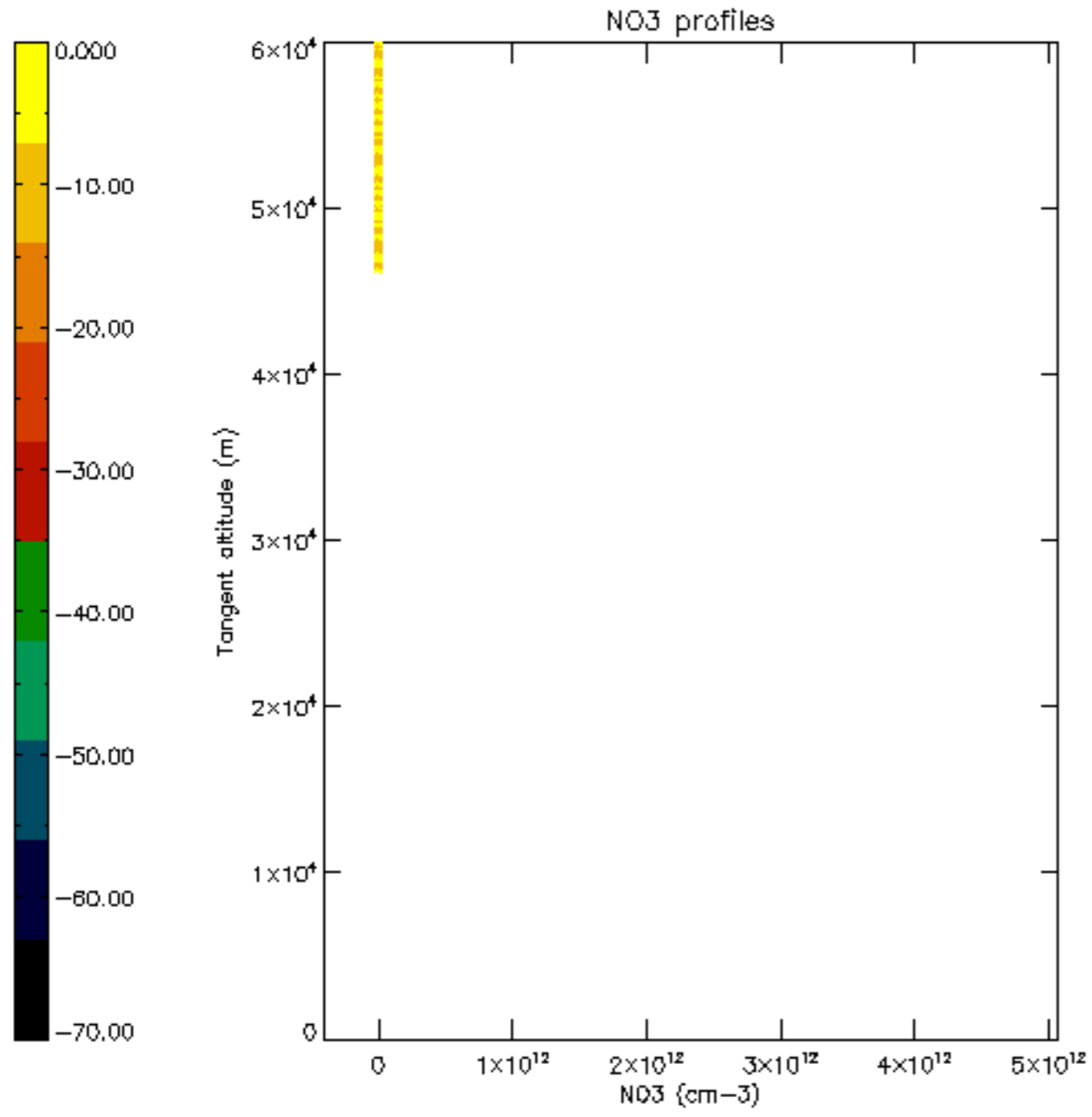


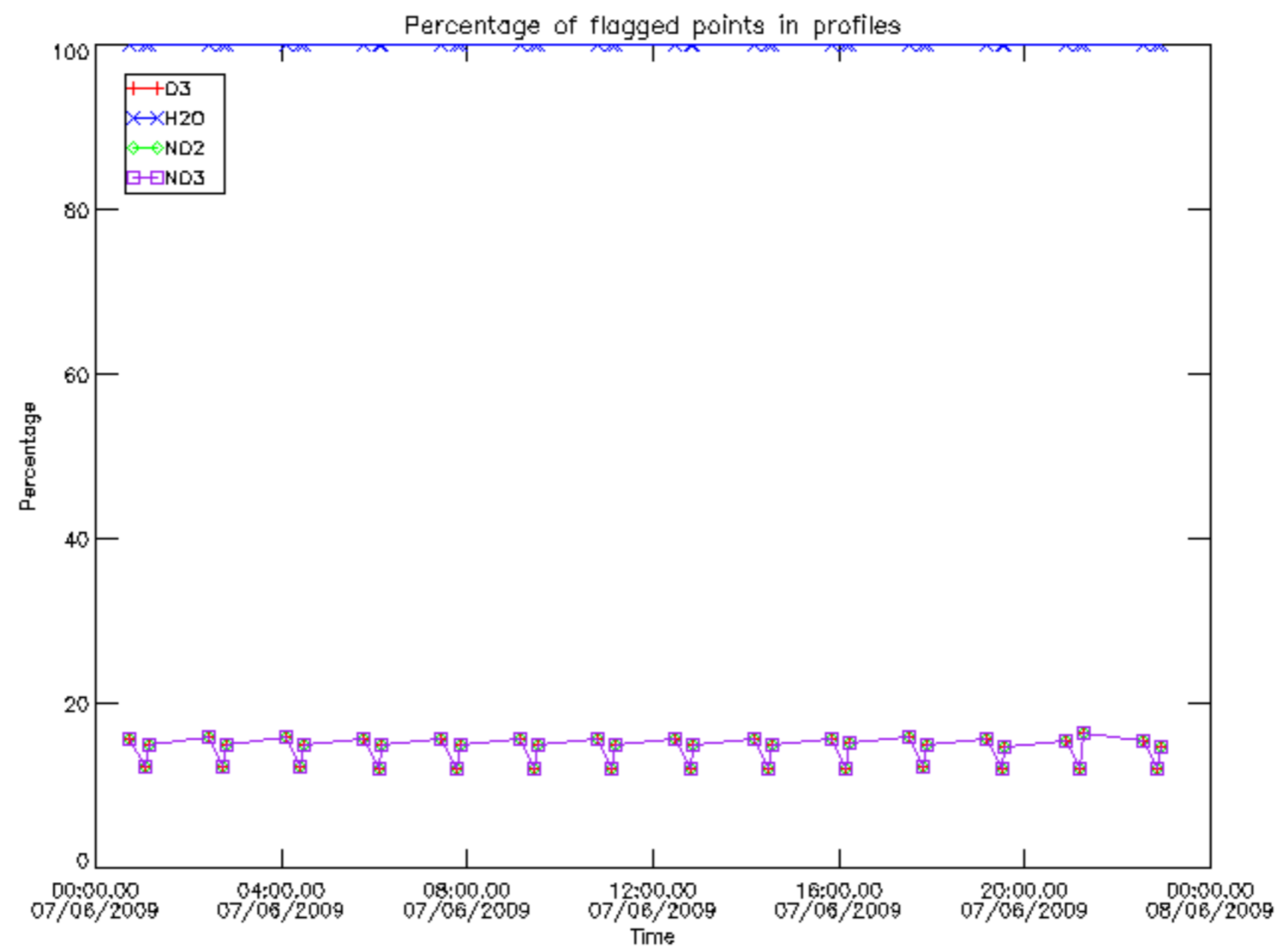




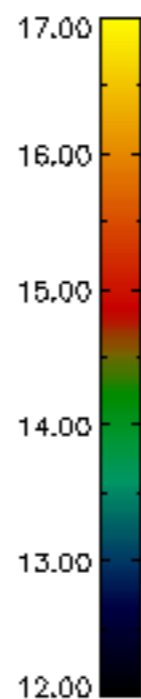
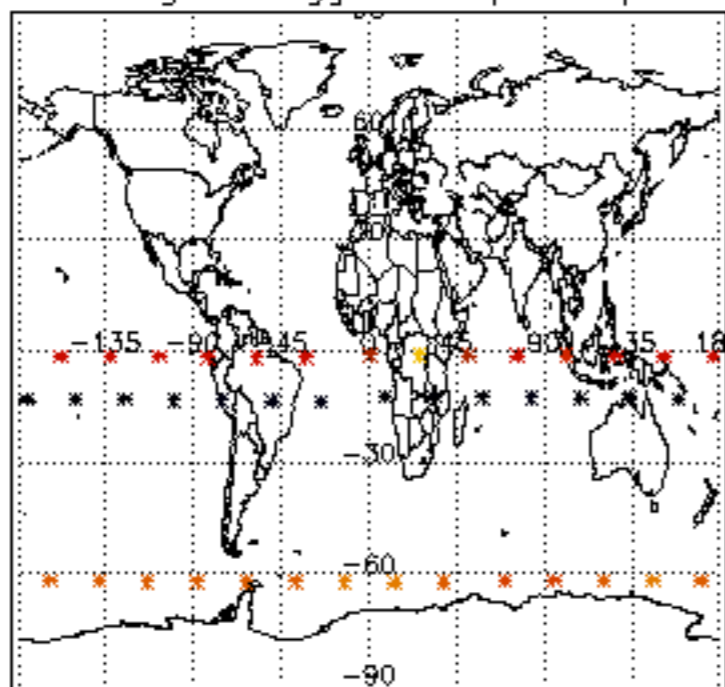




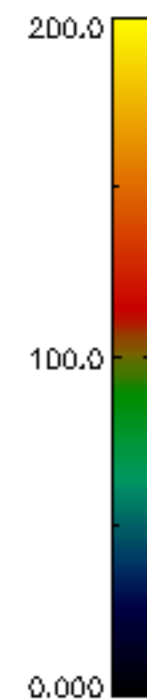
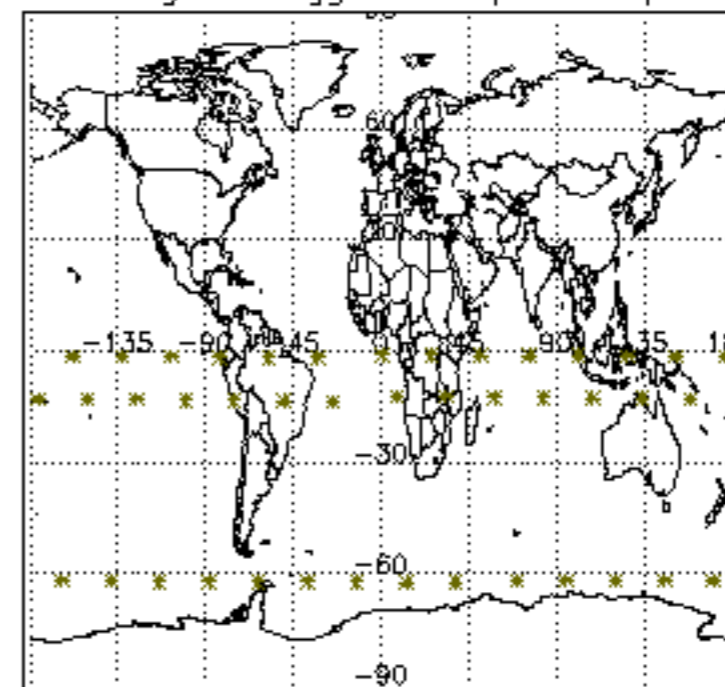




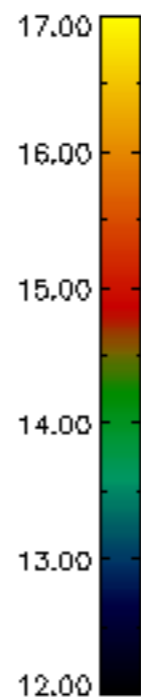
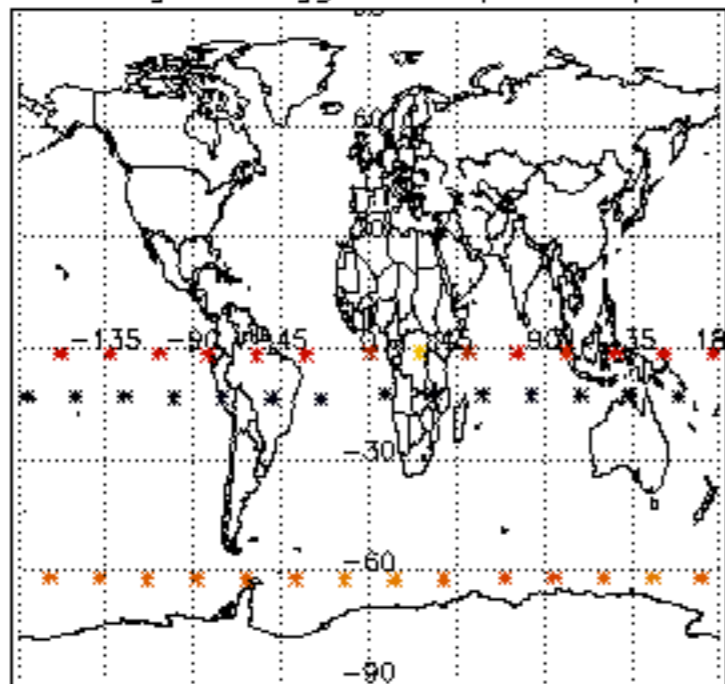
Percentage of flagged data per D3 profile



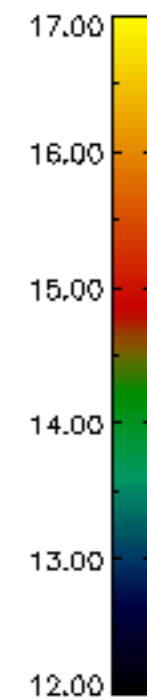
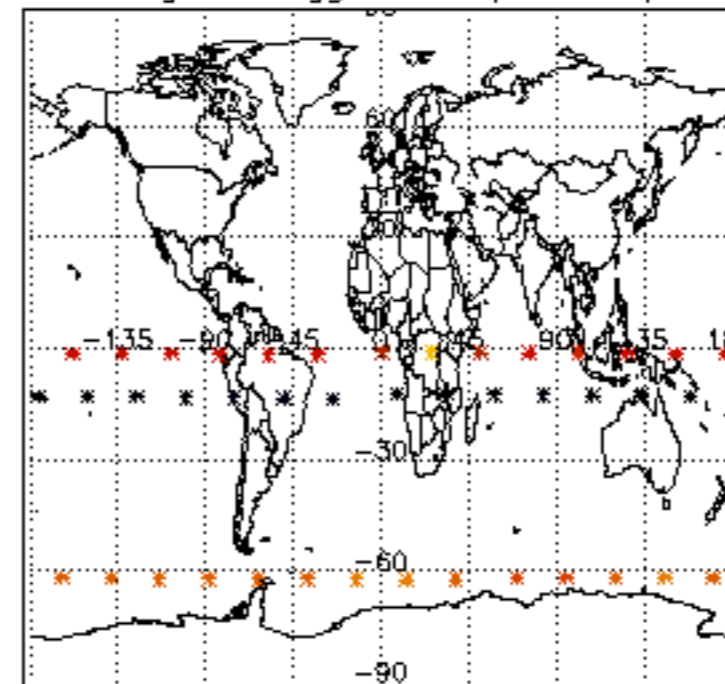
Percentage of flagged data per H2O profile

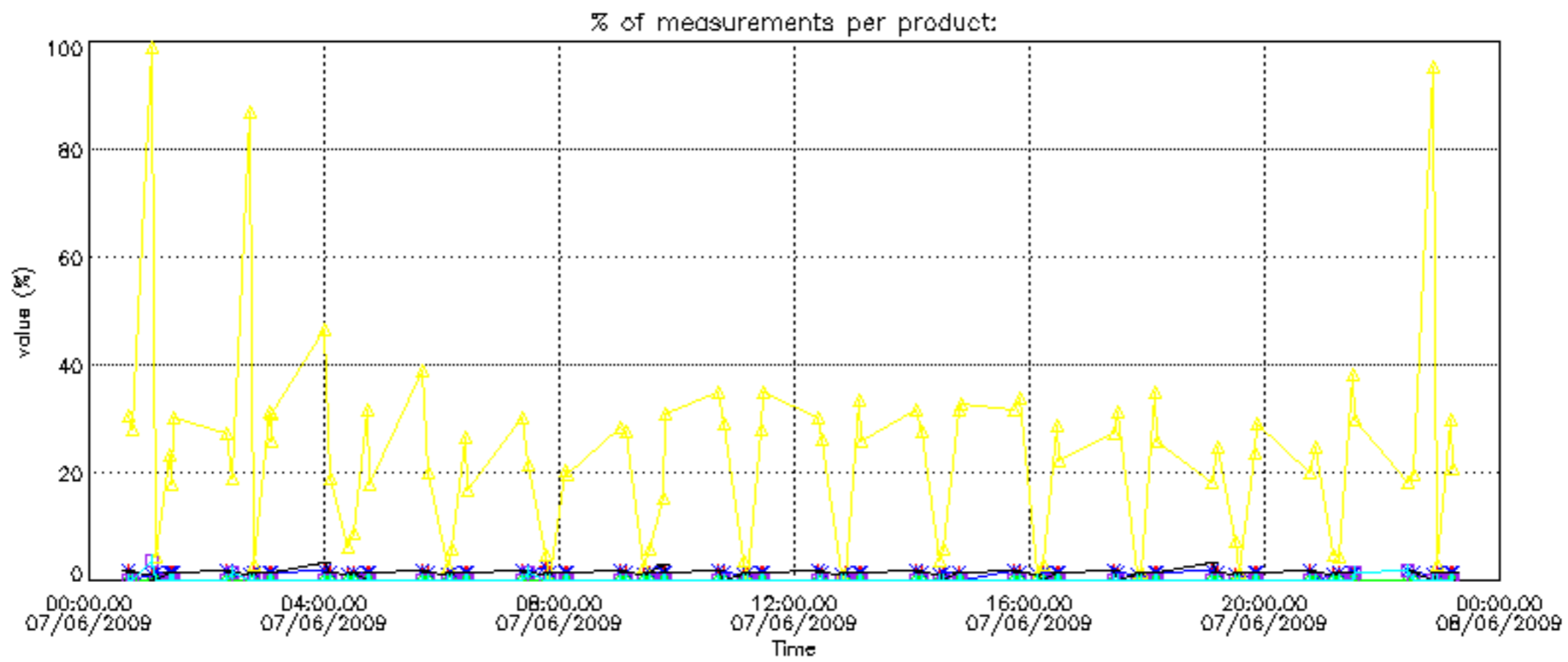


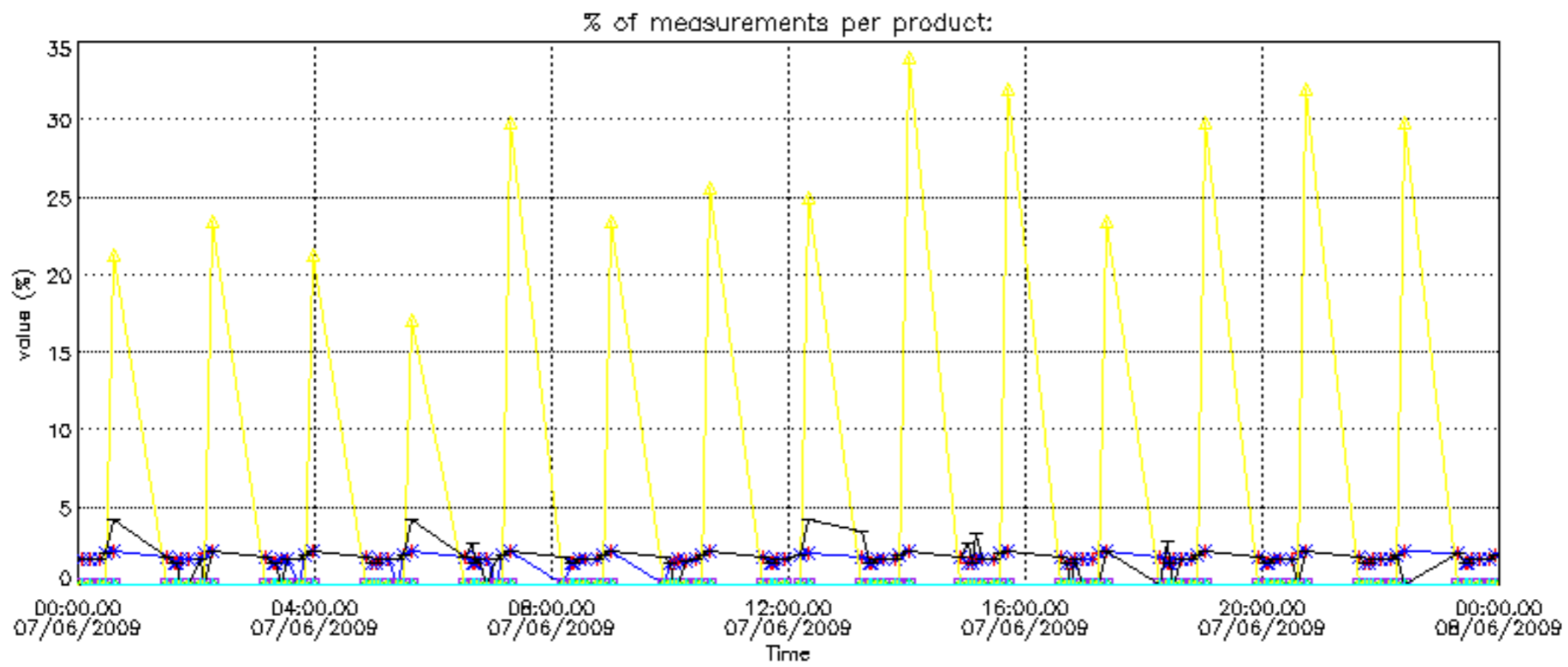
Percentage of flagged data per NO2 profile



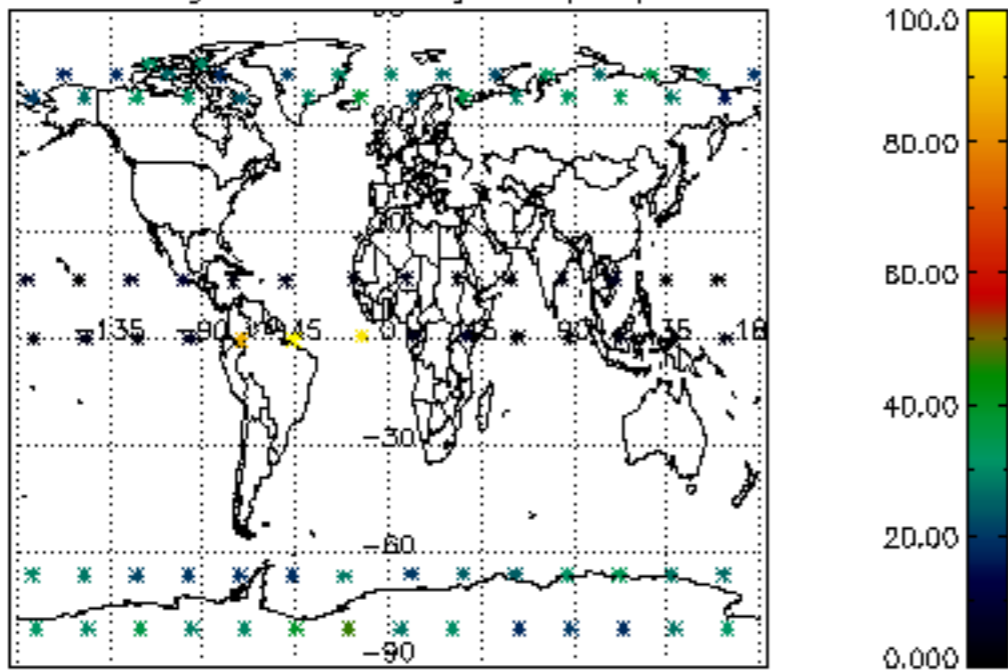
Percentage of flagged data per NO3 profile



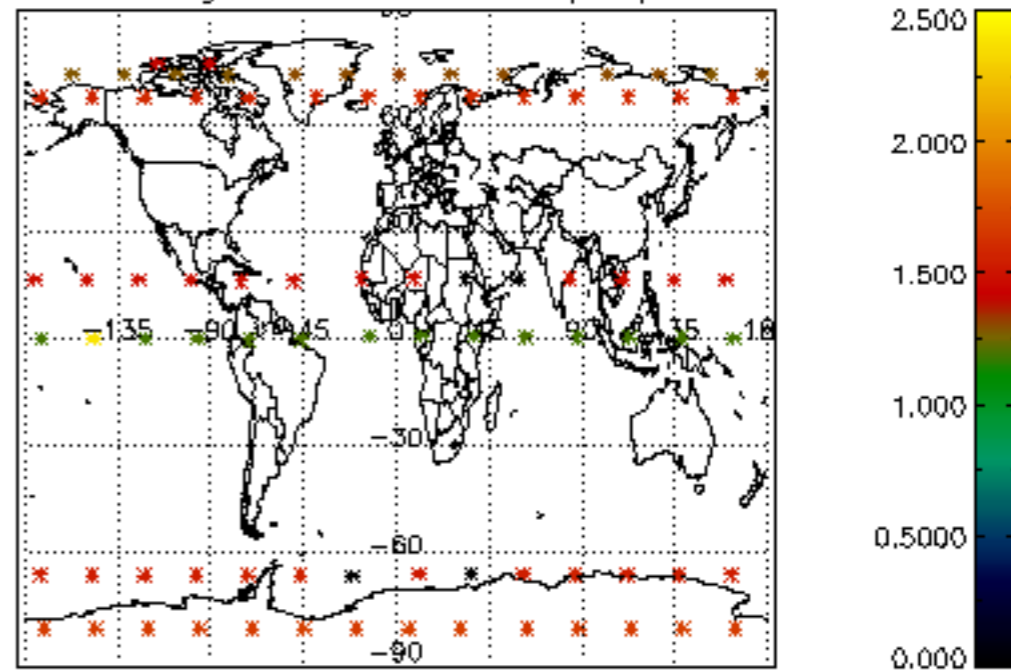




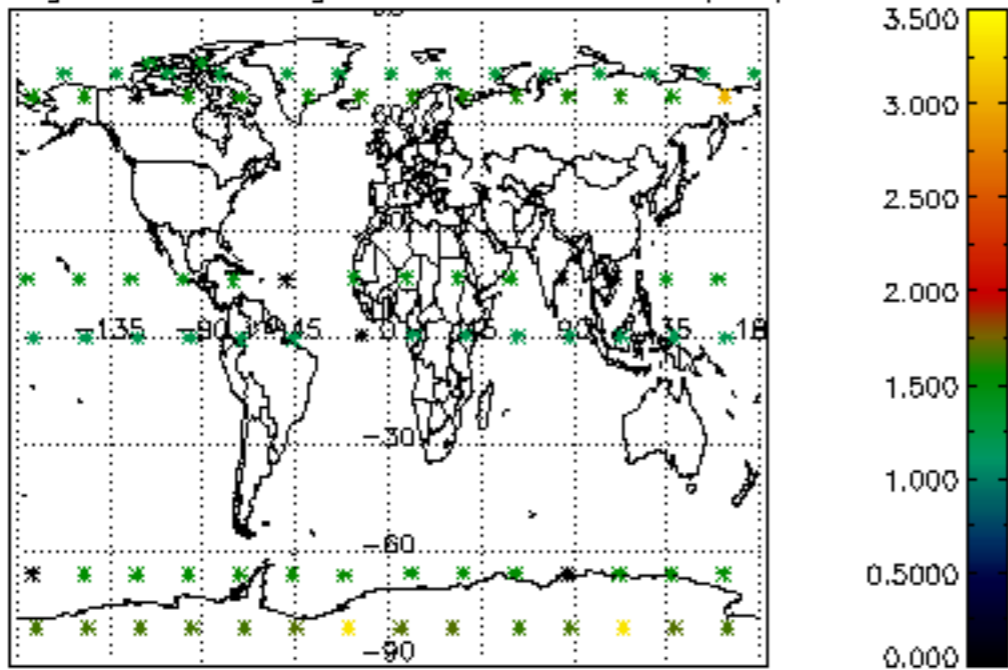
Percentage of cosmic ray hits per profile



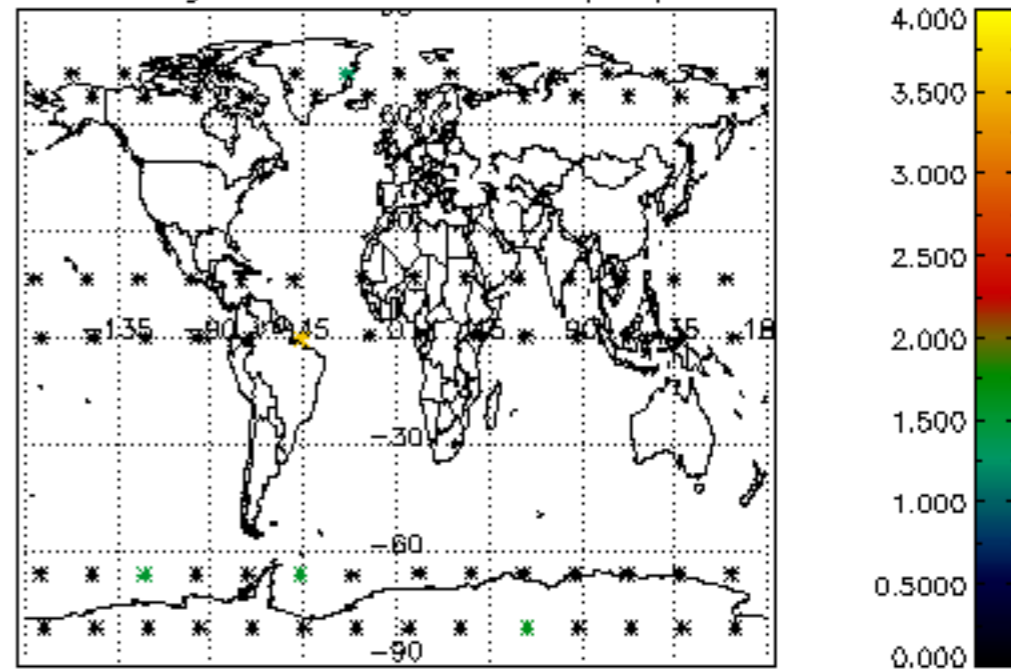
Percentage of datation errors per profile



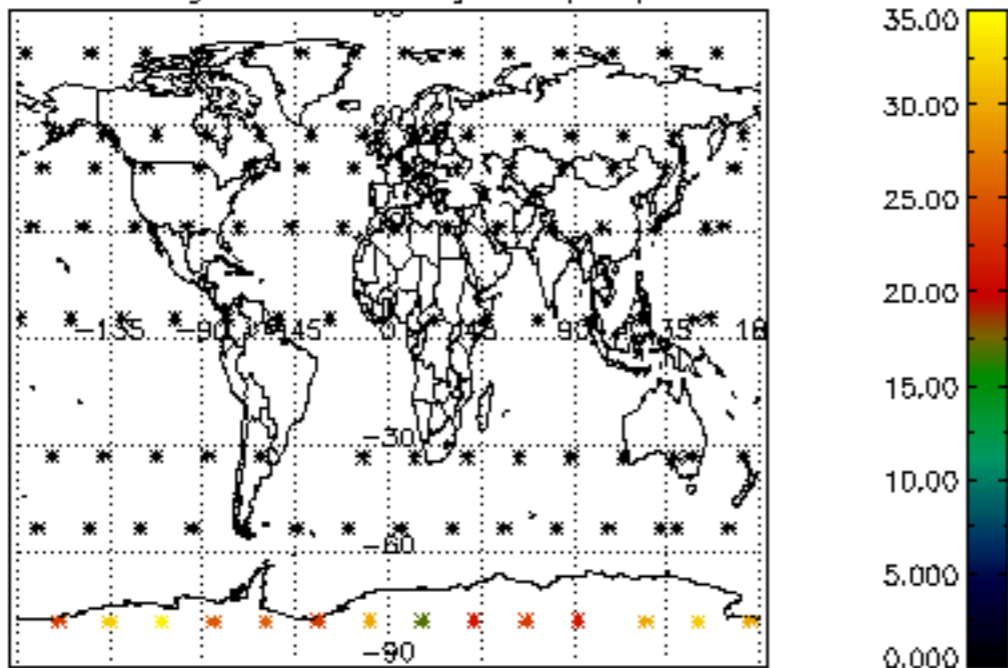
Percentage of star falling outside central band per profile



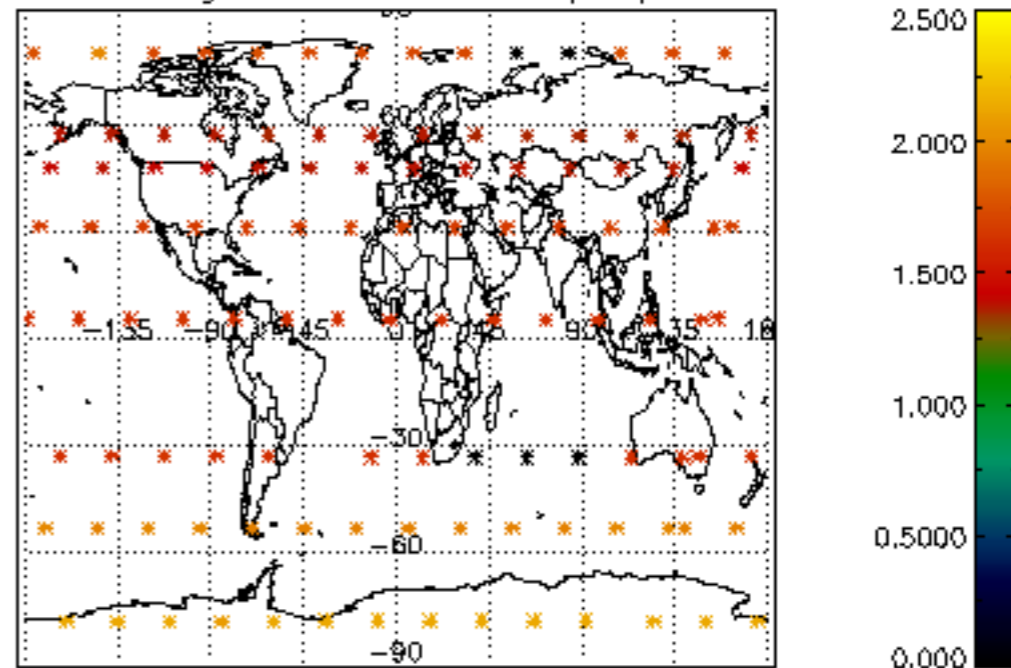
Percentage of saturation errors per profile



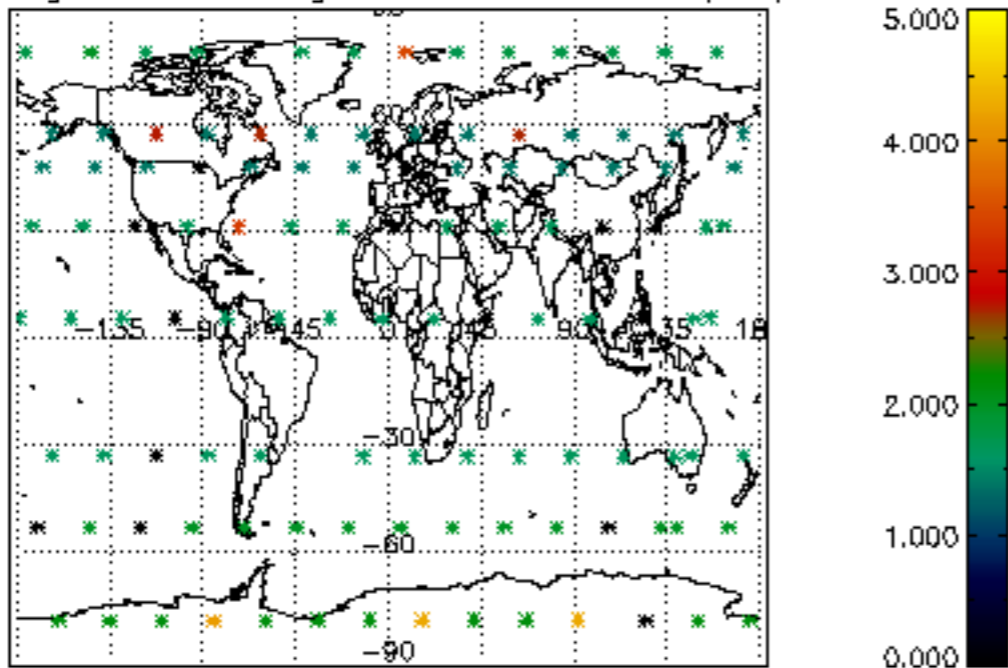
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

