

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 09:09:51
Data source version	GOMOS/6.01
Start time of products	30-04-2009 (30APR2009 00:00:00)
Stop time of products	01-05-2009 (01MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	231
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__2PRFIN20090430_000106_000000442078_00331_37459_1238.N1	30-APR-2009 00:01:06	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	37459	No
2	GOM_NL__2PRFIN20090430_001042_000000442078_00331_37459_1239.N1	30-APR-2009 00:10:42	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37459	No
3	GOM_NL__2PRFIN20090430_002056_000000412078_00331_37459_1240.N1	30-APR-2009 00:20:56	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	37459	No
4	GOM_NL__2PRFIN20090430_003210_000000432078_00331_37459_1241.N1	30-APR-2009 00:32:10	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	37459	No
5	GOM_NL__2PRFIN20090430_004045_000000632078_00331_37459_1242.N1	30-APR-2009 00:40:45	Dark	63.000	61	8Eps Peg	2.1000	3900.0	126	37459	No
6	GOM_NL__2PRFIN20090430_004311_000000512078_00331_37459_1243.N1	30-APR-2009 00:43:11	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	37459	No
7	GOM_NL__2PRFIN20090430_004649_000000582078_00331_37459_1244.N1	30-APR-2009 00:46:49	Dark	57.500	154	22Bet Aqr	2.8990	5700.0	115	37459	No
8	GOM_NL__2PRFIN20090430_010955_000000562078_00332_37460_1243.N1	30-APR-2009 01:09:55	Straylight	56.000	40	The Sco	1.8590	7100.0	112	37460	No
9	GOM_NL__2PRFIN20090430_011139_000000632078_00332_37460_1244.N1	30-APR-2009 01:11:39	Straylight	62.500	25	35Lam Sco	1.6200	28000.	125	37460	No
10	GOM_NL__2PRFIN20090430_011450_000000612078_00332_37460_1245.N1	30-APR-2009 01:14:50	Straylight	60.500	75	26Eps Sco	2.2910	4250.0	121	37460	No
11	GOM_NL__2PRFIN20090430_011742_000000422078_00332_37460_1246.N1	30-APR-2009 01:17:42	Twilight_stray	42.000	136	23Tau Sco	2.8220	30000.	84	37460	No
12	GOM_NL__2PRFIN20090430_011914_000000472078_00332_37460_1247.N1	30-APR-2009 01:19:14	Twilight_stray	47.000	156	20Sig Sco	2.9030	28000.	94	37460	No
13	GOM_NL__2PRFIN20090430_012056_000000622078_00332_37460_1248.N1	30-APR-2009 01:20:56	Twilight_stray	61.500	80	7Del Sco	2.3160	30000.	123	37460	No
14	GOM_NL__2PRFIN20090430_012408_000000452078_00332_37460_1249.N1	30-APR-2009 01:24:08	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	37460	No
15	GOM_NL__2PRFIN20090430_012628_000000502078_00332_37460_1250.N1	30-APR-2009 01:26:28	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	37460	No
16	GOM_NL__2PRFIN20090430_013527_000000452078_00332_37460_1251.N1	30-APR-2009 01:35:27	Bright	44.500	3	16Alp Boo	-0.050000	4250.0	89	37460	No
17	GOM_NL__2PRFIN20090430_013842_000000432078_00332_37460_1252.N1	30-APR-2009 01:38:42	Bright	43.000	83		2.3780	11000.	86	37460	No
18	GOM_NL__2PRFIN20090430_014142_000000412078_00332_37460_1253.N1	30-APR-2009 01:41:42	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37460	No
19	GOM_NL__2PRFIN20090430_015117_000000452078_00332_37460_1254.N1	30-APR-2009 01:51:17	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37460	No
20	GOM_NL__2PRFIN20090430_020132_000000412078_00332_37460_1255.N1	30-APR-2009 02:01:32	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	37460	No
21	GOM_NL__2PRFIN20090430_021246_000000382078_00332_37460_1256.N1	30-APR-2009 02:12:46	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	37460	No
22	GOM_NL__2PRFIN20090430_022122_000000642078_00332_37460_1257.N1	30-APR-2009 02:21:22	Dark	63.500	61	8Eps Peg	2.1000	3900.0	127	37460	No
23	GOM_NL__2PRFIN20090430_022348_000000522078_00332_37460_1258.N1	30-APR-2009 02:23:48	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	37460	No
24	GOM_NL__2PRFIN20090430_022726_000000622078_00332_37460_1259.N1	30-APR-2009 02:27:26	Dark	61.500	154	22Bet Aqr	2.8990	5700.0	123	37460	No
25	GOM_NL__2PRFIN20090430_025032_000000612078_00333_37461_1282.N1	30-APR-2009 02:50:32	Straylight	61.000	40	The Sco	1.8590	7100.0	122	37461	No
26	GOM_NL__2PRFIN20090430_025216_000000602078_00333_37461_1283.N1	30-APR-2009 02:52:16	Straylight	59.500	25	35Lam Sco	1.6200	28000.	119	37461	No
27	GOM_NL__2PRFIN20090430_025527_000000592078_00333_37461_1284.N1	30-APR-2009 02:55:27	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	37461	No
28	GOM_NL__2PRFIN20090430_025818_000000422078_00333_37461_1285.N1	30-APR-2009 02:58:18	Twilight_stray	42.000	136	23Tau Sco	2.8220	30000.	84	37461	No
29	GOM_NL__2PRFIN20090430_025950_000000472078_00333_37461_1286.N1	30-APR-2009 02:59:50	Twilight_stray	47.000	156	20Sig Sco	2.9030	28000.	94	37461	No
30	GOM_NL__2PRFIN20090430_030132_000000602078_00333_37461_1287.N1	30-APR-2009 03:01:32	Twilight_stray	60.000	80	7Del Sco	2.3160	30000.	120	37461	No
31	GOM_NL__2PRFIN20090430_030444_000000472078_00333_37461_1288.N1	30-APR-2009 03:04:44	Bright	46.500	122	9Alp2Lib	2.7470	9700.0	93	37461	No
32	GOM_NL__2PRFIN20090430_030704_000000512078_00333_37461_1289.N1	30-APR-2009 03:07:04	Bright	50.500	104	27Bet Lib	2.6140	13100.	101	37461	No
33	GOM_NL__2PRFIN20090430_031603_000000432078_00333_37461_1290.N1	30-APR-2009 03:16:03	Bright	43.000	3	16Alp Boo	-0.050000	4250.0	86	37461	No
34	GOM_NL__2PRFIN20090430_031917_000000442078_00333_37461_1291.N1	30-APR-2009 03:19:17	Bright	44.000	83		2.3780	11000.	88	37461	No
35	GOM_NL__2PRFIN20090430_032217_000000432078_00333_37461_1292.N1	30-APR-2009 03:22:17	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	37461	No
36	GOM_NL__2PRFIN20090430_033153_000000462078_00333_37461_1293.N1	30-APR-2009 03:31:53	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	37461	No
37	GOM_NL__2PRFIN20090430_034207_000000412078_00333_37461_1294.N1	30-APR-2009 03:42:07	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	37461	No
38	GOM_NL__2PRFIN20090430_035322_000000432078_00333_37461_1295.N1	30-APR-2009 03:53:22	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	37461	No
39	GOM_NL__2PRFIN20090430_040158_000000682078_00333_37461_1296.N1	30-APR-2009 04:01:58	Dark	68.000	61	8Eps Peg	2.1000	3900.0	136	37461	No
40	GOM_NL__2PRFIN20090430_040425_000000542078_00333_37461_1297.N1	30-APR-2009 04:04:25	Dark	54.000	162	34Alp Aqr	2.9440	5350.0	108	37461	No
41	GOM_NL__2PRFIN20090430_040803_000000612078_00333_37461_1298.N1	30-APR-2009 04:08:03	Dark	61.000	154	22Bet Aqr	2.8990	5700.0	122	37461	No
42	GOM_NL__2PRFIN20090430_043109_000000542078_00334_37462_1296.N1	30-APR-2009 04:31:09	Straylight	53.500	40	The Sco	1.8590	7100.0	107	37462	No

43	GOM_NL__2PRFIN20090430_043253_000000612078_00334_37462_1297.N1	30-APR-2009 04:32:53	Straylight	61.000	25	35Lam Sco	1.6200	28000.	122	37462	No
44	GOM_NL__2PRFIN20090430_043604_000000612078_00334_37462_1298.N1	30-APR-2009 04:36:04	Straylight	61.000	75	26Eps Sco	2.2910	4250.0	122	37462	No
45	GOM_NL__2PRFIN20090430_043855_000000452078_00334_37462_1299.N1	30-APR-2009 04:38:55	Twi_and_stray	45.000	136	23Tau Sco	2.8220	30000.	90	37462	No
46	GOM_NL__2PRFIN20090430_044027_000000512078_00334_37462_1300.N1	30-APR-2009 04:40:27	Twi_and_stray	51.000	156	20Sig Sco	2.9030	28000.	102	37462	No
47	GOM_NL__2PRFIN20090430_044208_000000622078_00334_37462_1301.N1	30-APR-2009 04:42:08	Twi_and_stray	62.000	80	7Del Sco	2.3160	30000.	124	37462	No
48	GOM_NL__2PRFIN20090430_044520_000000462078_00334_37462_1302.N1	30-APR-2009 04:45:20	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	37462	No
49	GOM_NL__2PRFIN20090430_044740_000000502078_00334_37462_1303.N1	30-APR-2009 04:47:40	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	37462	No
50	GOM_NL__2PRFIN20090430_045639_000000602078_00334_37462_1304.N1	30-APR-2009 04:56:39	Bright	60.000	3	16Alp Boo	-0.050000	4250.0	120	37462	No
51	GOM_NL__2PRFIN20090430_045953_000000482078_00334_37462_1305.N1	30-APR-2009 04:59:53	Bright	48.000	83		2.3780	11000.	96	37462	No
52	GOM_NL__2PRFIN20090430_050252_000000472078_00334_37462_1306.N1	30-APR-2009 05:02:52	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	37462	No
53	GOM_NL__2PRFIN20090430_051228_000000462078_00334_37462_1307.N1	30-APR-2009 05:12:28	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37462	No
54	GOM_NL__2PRFIN20090430_052243_000000412078_00334_37462_1308.N1	30-APR-2009 05:22:43	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	37462	No
55	GOM_NL__2PRFIN20090430_053358_000000422078_00334_37462_1309.N1	30-APR-2009 05:33:58	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	37462	No
56	GOM_NL__2PRFIN20090430_054235_000000642078_00334_37462_1310.N1	30-APR-2009 05:42:35	Dark	63.500	61	8Eps Peg	2.1000	3900.0	127	37462	No
57	GOM_NL__2PRFIN20090430_054501_000000532078_00334_37462_1311.N1	30-APR-2009 05:45:01	Dark	53.000	162	34Alp Aqr	2.9440	5350.0	106	37462	No
58	GOM_NL__2PRFIN20090430_054840_000000592078_00334_37462_1312.N1	30-APR-2009 05:48:40	Dark	58.500	154	22Bet Aqr	2.8990	5700.0	117	37462	No
59	GOM_NL__2PRFIN20090430_061146_000000542078_00335_37463_1310.N1	30-APR-2009 06:11:46	Straylight	54.000	40	The Sco	1.8590	7100.0	108	37463	No
60	GOM_NL__2PRFIN20090430_061330_000000642078_00335_37463_1311.N1	30-APR-2009 06:13:30	Straylight	63.500	25	35Lam Sco	1.6200	28000.	127	37463	No
61	GOM_NL__2PRFIN20090430_061640_000000642078_00335_37463_1312.N1	30-APR-2009 06:16:40	Straylight	64.000	75	26Eps Sco	2.2910	4250.0	128	37463	No
62	GOM_NL__2PRFIN20090430_061931_000000452078_00335_37463_1313.N1	30-APR-2009 06:19:31	Twi_and_stray	45.000	136	23Tau Sco	2.8220	30000.	90	37463	No
63	GOM_NL__2PRFIN20090430_062103_000000512078_00335_37463_1314.N1	30-APR-2009 06:21:03	Twi_and_stray	51.000	156	20Sig Sco	2.9030	28000.	102	37463	No
64	GOM_NL__2PRFIN20090430_062245_000000622078_00335_37463_1315.N1	30-APR-2009 06:22:45	Twi_and_stray	62.000	80	7Del Sco	2.3160	30000.	124	37463	No
65	GOM_NL__2PRFIN20090430_062557_000000432078_00335_37463_1316.N1	30-APR-2009 06:25:57	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	37463	No
66	GOM_NL__2PRFIN20090430_062816_000000492078_00335_37463_1317.N1	30-APR-2009 06:28:16	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	37463	No
67	GOM_NL__2PRFIN20090430_063715_000000452078_00335_37463_1318.N1	30-APR-2009 06:37:15	Bright	44.500	3	16Alp Boo	-0.050000	4250.0	89	37463	No
68	GOM_NL__2PRFIN20090430_064028_000000472078_00335_37463_1319.N1	30-APR-2009 06:40:28	Bright	47.000	83		2.3780	11000.	94	37463	No
69	GOM_NL__2PRFIN20090430_064328_000000392078_00335_37463_1320.N1	30-APR-2009 06:43:28	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37463	No
70	GOM_NL__2PRFIN20090430_065304_000000422078_00335_37463_1321.N1	30-APR-2009 06:53:04	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37463	No
71	GOM_NL__2PRFIN20090430_070318_000000612078_00335_37463_1322.N1	30-APR-2009 07:03:18	Bright	61.000	89	5Alp Cep	2.4510	8000.0	122	37463	No
72	GOM_NL__2PRFIN20090430_071434_000000432078_00335_37463_1323.N1	30-APR-2009 07:14:34	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	37463	No
73	GOM_NL__2PRFIN20090430_072312_000000632078_00335_37463_1324.N1	30-APR-2009 07:23:12	Dark	62.500	61	8Eps Peg	2.1000	3900.0	125	37463	No
74	GOM_NL__2PRFIN20090430_072538_000000542078_00335_37463_1325.N1	30-APR-2009 07:25:38	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	37463	No
75	GOM_NL__2PRFIN20090430_072918_000000632078_00335_37463_1326.N1	30-APR-2009 07:29:18	Dark	63.000	154	22Bet Aqr	2.8990	5700.0	126	37463	No
76	GOM_NL__2PRFIN20090430_075223_000000542078_00336_37464_1324.N1	30-APR-2009 07:52:23	Straylight	54.000	40	The Sco	1.8590	7100.0	108	37464	No
77	GOM_NL__2PRFIN20090430_075407_000000592078_00336_37464_1325.N1	30-APR-2009 07:54:07	Straylight	59.000	25	35Lam Sco	1.6200	28000.	118	37464	No
78	GOM_NL__2PRFIN20090430_075717_000000622078_00336_37464_1326.N1	30-APR-2009 07:57:17	Straylight	61.500	75	26Eps Sco	2.2910	4250.0	123	37464	No
79	GOM_NL__2PRFIN20090430_080104_000000262078_00336_37464_1327.N1	30-APR-2009 08:01:04	Twi_and_stray	26.000	16	21Alp Sco	1.0200	3000.0	52	37464	No
80	GOM_NL__2PRFIN20090430_080321_000000612078_00336_37464_1328.N1	30-APR-2009 08:03:21	Twi_and_stray	61.000	80	7Del Sco	2.3160	30000.	122	37464	No
81	GOM_NL__2PRFIN20090430_080633_000000452078_00336_37464_1329.N1	30-APR-2009 08:06:33	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	37464	No
82	GOM_NL__2PRFIN20090430_080852_000000502078_00336_37464_1330.N1	30-APR-2009 08:08:52	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	37464	No
83	GOM_NL__2PRFIN20090430_081750_000000452078_00336_37464_1331.N1	30-APR-2009 08:17:50	Bright	44.500	3	16Alp Boo	-0.050000	4250.0	89	37464	No
84	GOM_NL__2PRFIN20090430_082103_000000462078_00336_37464_1332.N1	30-APR-2009 08:21:03	Bright	45.500	83		2.3780	11000.	91	37464	No
85	GOM_NL__2PRFIN20090430_082403_000000402078_00336_37464_1333.N1	30-APR-2009 08:24:03	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37464	No
86	GOM_NL__2PRFIN20090430_083339_000000432078_00336_37464_1334.N1	30-APR-2009 08:33:39	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37464	No
87	GOM_NL__2PRFIN20090430_084354_000000462078_00336_37464_1335.N1	30-APR-2009 08:43:54	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	37464	No
88	GOM_NL__2PRFIN20090430_085510_000000432078_00336_37464_1336.N1	30-APR-2009 08:55:10	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	37464	No
89	GOM_NL__2PRFIN20090430_090349_000000652078_00336_37464_1337.N1	30-APR-2009 09:03:49	Dark	65.000	61	8Eps Peg	2.1000	3900.0	130	37464	No
90	GOM_NL__2PRFIN20090430_090615_000000532078_00336_37464_1338.N1	30-APR-2009 09:06:15	Dark	53.000	162	34Alp Aqr	2.9440	5350.0	106	37464	No
91	GOM_NL__2PRFIN20090430_090955_000000612078_00336_37464_1339.N1	30-APR-2009 09:09:55	Dark	60.500	154	22Bet Aqr	2.8990	5700.0	121	37464	No
92	GOM_NL__2PRFIN20090430_093259_000000562078_00337_37465_1340.N1	30-APR-2009 09:32:59	Straylight	56.000	40	The Sco	1.8590	7100.0	112	37465	No
93	GOM_NL__2PRFIN20090430_093444_000000612078_00337_37465_1341.N1	30-APR-2009 09:34:44	Straylight	60.500	25	35Lam Sco	1.6200	28000.	121	37465	No
94	GOM_NL__2PRFIN20090430_093754_000000642078_00337_37465_1342.N1	30-APR-2009 09:37:54	Straylight	64.000	75	26Eps Sco	2.2910	4250.0	128	37465	No
95	GOM_NL__2PRFIN20090430_094141_000000262078_00337_37465_1343.N1	30-APR-2009 09:41:41	Twi_and_stray	26.000	16	21Alp Sco	1.0200	3000.0	52	37465	No
96	GOM_NL__2PRFIN20090430_094357_000000602078_00337_37465_1344.N1	30-APR-2009 09:43:57	Twi_and_stray	59.500	80	7Del Sco	2.3160	30000.	119	37465	No
97	GOM_NL__2PRFIN20090430_094709_000000412078_00337_37465_1345.N1	30-APR-2009 09:47:09	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37465	No
98	GOM_NL__2PRFIN20090430_094928_000000482078_00337_37465_1346.N1	30-APR-2009 09:49:28	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	37465	No
99	GOM_NL__2PRFIN20090430_095826_000000602078_00337_37465_1347.N1	30-APR-2009 09:58:26	Bright	60.000	3	16Alp Boo	-0.050000	4250.0	120	37465	No
100	GOM_NL__2PRFIN20090430_100139_000000482078_00337_37465_1348.N1	30-APR-2009 10:01:39	Bright	48.000	83		2.3780	11000.	96	37465	No
101	GOM_NL__2PRFIN20090430_100439_000000432078_00337_37465_1349.N1	30-APR-2009 10:04:39	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	37465	No

102	GOM_NL__2PRFIN20090430_101414_000000452078_00337_37465_1350.N1	30-APR-2009 10:14:14	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	37465	No
103	GOM_NL__2PRFIN20090430_102430_000000412078_00337_37465_1351.N1	30-APR-2009 10:24:30	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	37465	No
104	GOM_NL__2PRFIN20090430_103546_000000442078_00337_37465_1352.N1	30-APR-2009 10:35:46	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	37465	No
105	GOM_NL__2PRFIN20090430_104425_000000672078_00337_37465_1353.N1	30-APR-2009 10:44:25	Dark	66.500	61	8Eps Peg	2.1000	3900.0	133	37465	No
106	GOM_NL__2PRFIN20090430_104651_000000532078_00337_37465_1354.N1	30-APR-2009 10:46:51	Dark	52.500	162	34Alp Aqr	2.9440	5350.0	105	37465	No
107	GOM_NL__2PRFIN20090430_105032_000000602078_00337_37465_1355.N1	30-APR-2009 10:50:32	Dark	59.500	154	22Bet Aqr	2.8990	5700.0	119	37465	No
108	GOM_NL__2PRFIN20090430_111336_000000642078_00338_37466_1354.N1	30-APR-2009 11:13:36	Straylight	64.000	40	The Sco	1.8590	7100.0	128	37466	No
109	GOM_NL__2PRFIN20090430_111521_000000592078_00338_37466_1355.N1	30-APR-2009 11:15:21	Straylight	59.000	25	35Lam Sco	1.6200	28000.	118	37466	No
110	GOM_NL__2PRFIN20090430_111830_000000632078_00338_37466_1356.N1	30-APR-2009 11:18:30	Straylight	62.500	75	26Eps Sco	2.2910	4250.0	125	37466	No
111	GOM_NL__2PRFIN20090430_112217_000000302078_00338_37466_1357.N1	30-APR-2009 11:22:17	Twi_and_stray	30.000	16	21Alp Sco	1.0200	3000.0	60	37466	No
112	GOM_NL__2PRFIN20090430_112433_000000602078_00338_37466_1358.N1	30-APR-2009 11:24:33	Twi_and_stray	60.000	80	7Del Sco	2.3160	30000.	120	37466	No
113	GOM_NL__2PRFIN20090430_112745_000000422078_00338_37466_1359.N1	30-APR-2009 11:27:45	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	37466	No
114	GOM_NL__2PRFIN20090430_113004_000000492078_00338_37466_1360.N1	30-APR-2009 11:30:04	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	37466	No
115	GOM_NL__2PRFIN20090430_113901_000000422078_00338_37466_1361.N1	30-APR-2009 11:39:01	Bright	42.000	3	16Alp Boo	-0.050000	4250.0	84	37466	No
116	GOM_NL__2PRFIN20090430_114214_000000472078_00338_37466_1362.N1	30-APR-2009 11:42:14	Bright	46.500	83		2.3780	11000.	93	37466	No
117	GOM_NL__2PRFIN20090430_114514_000000412078_00338_37466_1363.N1	30-APR-2009 11:45:14	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37466	No
118	GOM_NL__2PRFIN20090430_115449_000000482078_00338_37466_1364.N1	30-APR-2009 11:54:49	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	37466	No
119	GOM_NL__2PRFIN20090430_120505_000000412078_00338_37466_1365.N1	30-APR-2009 12:05:05	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	37466	No
120	GOM_NL__2PRFIN20090430_121622_000000422078_00338_37466_1366.N1	30-APR-2009 12:16:22	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	37466	No
121	GOM_NL__2PRFIN20090430_122502_000000682078_00338_37466_1367.N1	30-APR-2009 12:25:02	Dark	67.500	61	8Eps Peg	2.1000	3900.0	135	37466	No
122	GOM_NL__2PRFIN20090430_122728_000000552078_00338_37466_1368.N1	30-APR-2009 12:27:28	Dark	54.500	162	34Alp Aqr	2.9440	5350.0	109	37466	No
123	GOM_NL__2PRFIN20090430_123109_000000642078_00338_37466_1369.N1	30-APR-2009 12:31:09	Dark	64.000	154	22Bet Aqr	2.8990	5700.0	128	37466	No
124	GOM_NL__2PRFIN20090430_125413_000000622078_00339_37467_1368.N1	30-APR-2009 12:54:13	Straylight	61.500	40	The Sco	1.8590	7100.0	123	37467	No
125	GOM_NL__2PRFIN20090430_125558_000000642078_00339_37467_1369.N1	30-APR-2009 12:55:58	Straylight	63.500	25	35Lam Sco	1.6200	28000.	127	37467	No
126	GOM_NL__2PRFIN20090430_125907_000000582078_00339_37467_1370.N1	30-APR-2009 12:59:07	Straylight	58.000	75	26Eps Sco	2.2910	4250.0	116	37467	No
127	GOM_NL__2PRFIN20090430_130253_000000302078_00339_37467_1371.N1	30-APR-2009 13:02:53	Twi_and_stray	30.000	16	21Alp Sco	1.0200	3000.0	60	37467	No
128	GOM_NL__2PRFIN20090430_130510_000000612078_00339_37467_1372.N1	30-APR-2009 13:05:10	Twi_and_stray	61.000	80	7Del Sco	2.3160	30000.	122	37467	No
129	GOM_NL__2PRFIN20090430_130821_000000442078_00339_37467_1373.N1	30-APR-2009 13:08:21	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	37467	No
130	GOM_NL__2PRFIN20090430_131039_000000492078_00339_37467_1374.N1	30-APR-2009 13:10:39	Bright	48.500	104	27Bet Lib	2.6140	13100.	97	37467	No
131	GOM_NL__2PRFIN20090430_131937_000000602078_00339_37467_1375.N1	30-APR-2009 13:19:37	Bright	60.000	3	16Alp Boo	-0.050000	4250.0	120	37467	No
132	GOM_NL__2PRFIN20090430_132250_000000462078_00339_37467_1376.N1	30-APR-2009 13:22:50	Bright	46.000	83		2.3780	11000.	92	37467	No
133	GOM_NL__2PRFIN20090430_132550_000000402078_00339_37467_1377.N1	30-APR-2009 13:25:50	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	37467	No
134	GOM_NL__2PRFIN20090430_133525_000000452078_00339_37467_1378.N1	30-APR-2009 13:35:25	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	37467	No
135	GOM_NL__2PRFIN20090430_134541_000000412078_00339_37467_1379.N1	30-APR-2009 13:45:41	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	37467	No
136	GOM_NL__2PRFIN20090430_135659_000000432078_00339_37467_1380.N1	30-APR-2009 13:56:59	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	37467	No
137	GOM_NL__2PRFIN20090430_140539_000000652078_00339_37467_1381.N1	30-APR-2009 14:05:39	Dark	64.500	61	8Eps Peg	2.1000	3900.0	129	37467	No
138	GOM_NL__2PRFIN20090430_140805_000000512078_00339_37467_1382.N1	30-APR-2009 14:08:05	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	37467	No
139	GOM_NL__2PRFIN20090430_141146_000000612078_00339_37467_1383.N1	30-APR-2009 14:11:46	Dark	61.000	154	22Bet Aqr	2.8990	5700.0	122	37467	No
140	GOM_NL__2PRFIN20090430_143450_000000452078_00340_37468_1378.N1	30-APR-2009 14:34:50	Straylight	45.000	40	The Sco	1.8590	7100.0	90	37468	No
141	GOM_NL__2PRFIN20090430_143634_000000622078_00340_37468_1379.N1	30-APR-2009 14:36:34	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	37468	No
142	GOM_NL__2PRFIN20090430_143943_000000602078_00340_37468_1380.N1	30-APR-2009 14:39:43	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	37468	No
143	GOM_NL__2PRFIN20090430_144330_000000342078_00340_37468_1381.N1	30-APR-2009 14:43:30	Twi_and_stray	34.000	16	21Alp Sco	1.0200	3000.0	68	37468	No
144	GOM_NL__2PRFIN20090430_144546_000000642078_00340_37468_1382.N1	30-APR-2009 14:45:46	Twi_and_stray	64.000	80	7Del Sco	2.3160	30000.	128	37468	No
145	GOM_NL__2PRFIN20090430_144857_000000442078_00340_37468_1383.N1	30-APR-2009 14:48:57	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	37468	No
146	GOM_NL__2PRFIN20090430_145115_000000502078_00340_37468_1384.N1	30-APR-2009 14:51:15	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	37468	No
147	GOM_NL__2PRFIN20090430_150012_000000602078_00340_37468_1385.N1	30-APR-2009 15:00:12	Bright	60.000	3	16Alp Boo	-0.050000	4250.0	120	37468	No
148	GOM_NL__2PRFIN20090430_150325_000000432078_00340_37468_1386.N1	30-APR-2009 15:03:25	Bright	43.000	83		2.3780	11000.	86	37468	No
149	GOM_NL__2PRFIN20090430_150625_000000392078_00340_37468_1387.N1	30-APR-2009 15:06:25	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37468	No
150	GOM_NL__2PRFIN20090430_151600_000000442078_00340_37468_1388.N1	30-APR-2009 15:16:00	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37468	No
151	GOM_NL__2PRFIN20090430_152617_000000422078_00340_37468_1389.N1	30-APR-2009 15:26:17	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	37468	No
152	GOM_NL__2PRFIN20090430_153735_000000442078_00340_37468_1390.N1	30-APR-2009 15:37:35	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	37468	No
153	GOM_NL__2PRFIN20090430_154616_000000642078_00340_37468_1391.N1	30-APR-2009 15:46:16	Dark	63.500	61	8Eps Peg	2.1000	3900.0	127	37468	No
154	GOM_NL__2PRFIN20090430_154842_000000532078_00340_37468_1392.N1	30-APR-2009 15:48:42	Dark	52.500	162	34Alp Aqr	2.9440	5350.0	105	37468	No
155	GOM_NL__2PRFIN20090430_155223_000000622078_00340_37468_1393.N1	30-APR-2009 15:52:23	Dark	62.000	154	22Bet Aqr	2.8990	5700.0	124	37468	No
156	GOM_NL__2PRFIN20090430_161527_000000512078_00341_37469_1392.N1	30-APR-2009 16:15:27	Straylight	51.000	40	The Sco	1.8590	7100.0	102	37469	No
157	GOM_NL__2PRFIN20090430_161711_000000602078_00341_37469_1393.N1	30-APR-2009 16:17:11	Straylight	59.500	25	35Lam Sco	1.6200	28000.	119	37469	No
158	GOM_NL__2PRFIN20090430_162020_000000622078_00341_37469_1394.N1	30-APR-2009 16:20:20	Straylight	62.000	75	26Eps Sco	2.2910	4250.0	124	37469	No
159	GOM_NL__2PRFIN20090430_162406_000000342078_00341_37469_1395.N1	30-APR-2009 16:24:06	Twi_and_stray	34.000	16	21Alp Sco	1.0200	3000.0	68	37469	No
160	GOM_NL__2PRFIN20090430_162622_000000632078_00341_37469_1396.N1	30-APR-2009 16:26:22	Twi_and_stray	62.500	80	7Del Sco	2.3160	30000.	125	37469	No

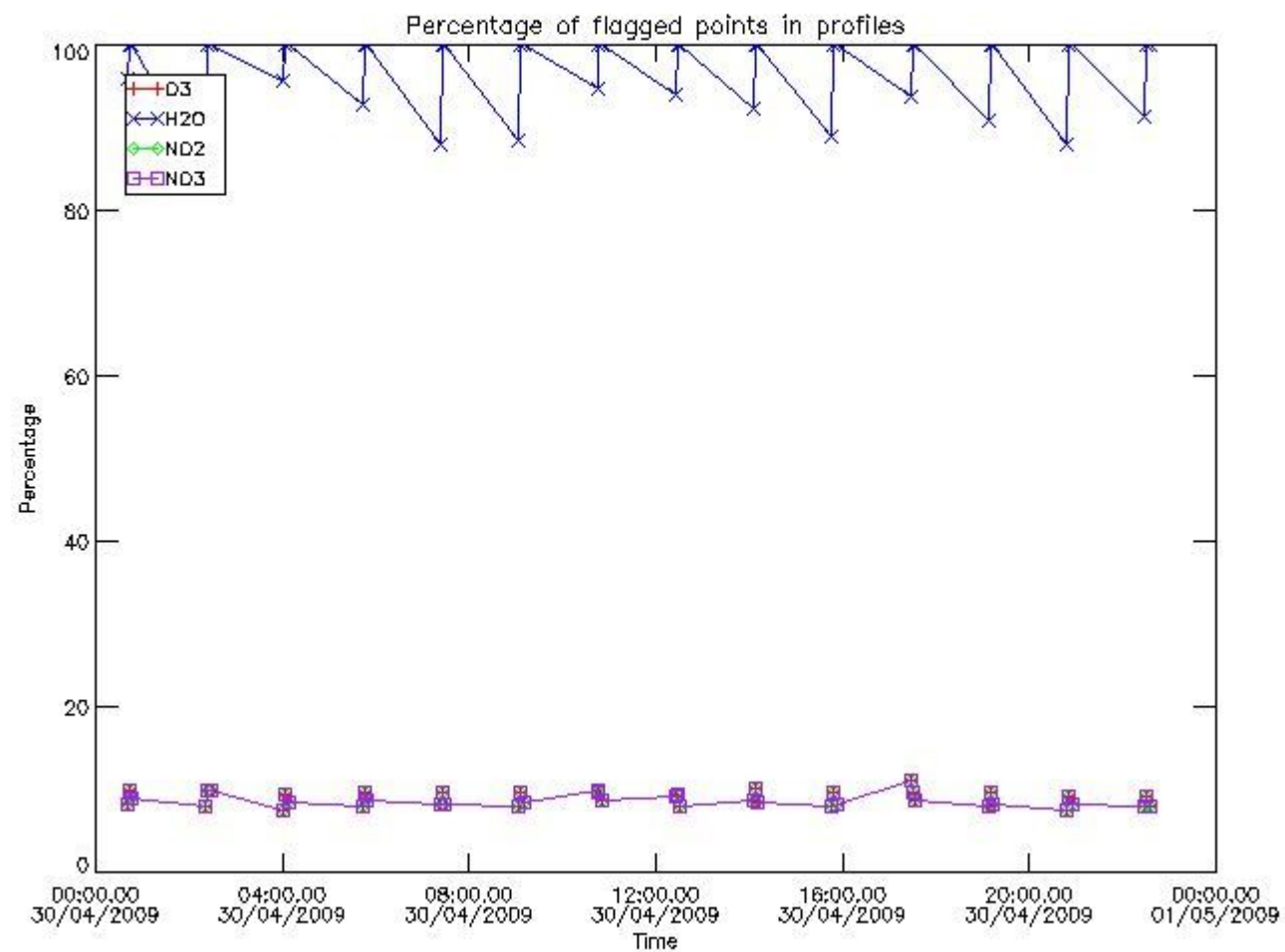
161	GOM_NL__2PRFIN20090430_162933_000000432078_00341_37469_1397.N1	30-APR-2009 16:29:33	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	37469	No
162	GOM_NL__2PRFIN20090430_163151_000000492078_00341_37469_1398.N1	30-APR-2009 16:31:51	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	37469	No
163	GOM_NL__2PRFIN20090430_164048_000000402078_00341_37469_1399.N1	30-APR-2009 16:40:48	Bright	40.000	3	16Alp Boo	-0.050000	4250.0	80	37469	No
164	GOM_NL__2PRFIN20090430_164401_000000442078_00341_37469_1400.N1	30-APR-2009 16:44:01	Bright	44.000	83		2.3780	11000.	88	37469	No
165	GOM_NL__2PRFIN20090430_164700_000000422078_00341_37469_1401.N1	30-APR-2009 16:47:00	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	37469	No
166	GOM_NL__2PRFIN20090430_165635_000000412078_00341_37469_1402.N1	30-APR-2009 16:56:35	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37469	No
167	GOM_NL__2PRFIN20090430_170652_000000422078_00341_37469_1403.N1	30-APR-2009 17:06:52	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	37469	No
168	GOM_NL__2PRFIN20090430_171811_000000422078_00341_37469_1404.N1	30-APR-2009 17:18:11	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	37469	No
169	GOM_NL__2PRFIN20090430_172652_000000732078_00341_37469_1405.N1	30-APR-2009 17:26:52	Dark	72.500	61	8Eps Peg	2.1000	3900.0	145	37469	No
170	GOM_NL__2PRFIN20090430_172918_000000542078_00341_37469_1406.N1	30-APR-2009 17:29:18	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	37469	No
171	GOM_NL__2PRFIN20090430_173300_000000592078_00341_37469_1407.N1	30-APR-2009 17:33:00	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	37469	No
172	GOM_NL__2PRFIN20090430_175604_000000562078_00342_37470_1414.N1	30-APR-2009 17:56:04	Straylight	56.000	40	The Sco	1.8590	7100.0	112	37470	No
173	GOM_NL__2PRFIN20090430_175749_000000632078_00342_37470_1415.N1	30-APR-2009 17:57:49	Straylight	63.000	25	35Lam Sco	1.6200	28000.	126	37470	No
174	GOM_NL__2PRFIN20090430_180057_000000612078_00342_37470_1416.N1	30-APR-2009 18:00:57	Straylight	61.000	75	26Eps Sco	2.2910	4250.0	122	37470	No
175	GOM_NL__2PRFIN20090430_180443_000000382078_00342_37470_1417.N1	30-APR-2009 18:04:43	Tw_i_and_stray	38.000	16	21Alp Sco	1.0200	3000.0	76	37470	No
176	GOM_NL__2PRFIN20090430_180658_000000662078_00342_37470_1418.N1	30-APR-2009 18:06:58	Tw_i_and_stray	65.500	80	7Del Sco	2.3160	30000.	131	37470	No
177	GOM_NL__2PRFIN20090430_181009_000000442078_00342_37470_1419.N1	30-APR-2009 18:10:09	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	37470	No
178	GOM_NL__2PRFIN20090430_181227_000000502078_00342_37470_1420.N1	30-APR-2009 18:12:27	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	37470	No
179	GOM_NL__2PRFIN20090430_182124_000000602078_00342_37470_1421.N1	30-APR-2009 18:21:24	Bright	60.000	3	16Alp Boo	-0.050000	4250.0	120	37470	No
180	GOM_NL__2PRFIN20090430_182436_000000462078_00342_37470_1422.N1	30-APR-2009 18:24:36	Bright	46.000	83		2.3780	11000.	92	37470	No
181	GOM_NL__2PRFIN20090430_182736_000000412078_00342_37470_1423.N1	30-APR-2009 18:27:36	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37470	No
182	GOM_NL__2PRFIN20090430_183711_000000442078_00342_37470_1424.N1	30-APR-2009 18:37:11	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	37470	No
183	GOM_NL__2PRFIN20090430_184728_000000592078_00342_37470_1425.N1	30-APR-2009 18:47:28	Bright	59.000	89	5Alp Cep	2.4510	8000.0	118	37470	No
184	GOM_NL__2PRFIN20090430_185847_000000462078_00342_37470_1426.N1	30-APR-2009 18:58:47	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	37470	No
185	GOM_NL__2PRFIN20090430_190729_000000712078_00342_37470_1427.N1	30-APR-2009 19:07:29	Dark	70.500	61	8Eps Peg	2.1000	3900.0	141	37470	No
186	GOM_NL__2PRFIN20090430_190955_000000582078_00342_37470_1428.N1	30-APR-2009 19:09:55	Dark	58.000	162	34Alp Aqr	2.9440	5350.0	116	37470	No
187	GOM_NL__2PRFIN20090430_191337_000000622078_00342_37470_1429.N1	30-APR-2009 19:13:37	Dark	61.500	154	22Bet Aqr	2.8990	5700.0	123	37470	No
188	GOM_NL__2PRFIN20090430_193641_000000512078_00343_37471_1451.N1	30-APR-2009 19:36:41	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37471	No
189	GOM_NL__2PRFIN20090430_193826_000000622078_00343_37471_1452.N1	30-APR-2009 19:38:26	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	37471	No
190	GOM_NL__2PRFIN20090430_194133_000000622078_00343_37471_1453.N1	30-APR-2009 19:41:33	Straylight	61.500	75	26Eps Sco	2.2910	4250.0	123	37471	No
191	GOM_NL__2PRFIN20090430_194519_000000382078_00343_37471_1454.N1	30-APR-2009 19:45:19	Tw_i_and_stray	38.000	16	21Alp Sco	1.0200	3000.0	76	37471	No
192	GOM_NL__2PRFIN20090430_194734_000000662078_00343_37471_1455.N1	30-APR-2009 19:47:34	Tw_i_and_stray	65.500	80	7Del Sco	2.3160	30000.	131	37471	No
193	GOM_NL__2PRFIN20090430_195045_000000472078_00343_37471_1456.N1	30-APR-2009 19:50:45	Bright	46.500	122	9Alp2Lib	2.7470	9700.0	93	37471	No
194	GOM_NL__2PRFIN20090430_195303_000000502078_00343_37471_1457.N1	30-APR-2009 19:53:03	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	37471	No
195	GOM_NL__2PRFIN20090430_200200_000000602078_00343_37471_1458.N1	30-APR-2009 20:02:00	Bright	60.000	3	16Alp Boo	-0.050000	4250.0	120	37471	No
196	GOM_NL__2PRFIN20090430_200511_000000442078_00343_37471_1459.N1	30-APR-2009 20:05:11	Bright	43.500	83		2.3780	11000.	87	37471	No
197	GOM_NL__2PRFIN20090430_200812_000000422078_00343_37471_1460.N1	30-APR-2009 20:08:12	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37471	No
198	GOM_NL__2PRFIN20090430_201746_000000442078_00343_37471_1461.N1	30-APR-2009 20:17:46	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37471	No
199	GOM_NL__2PRFIN20090430_202804_000000612078_00343_37471_1462.N1	30-APR-2009 20:28:04	Bright	61.000	89	5Alp Cep	2.4510	8000.0	122	37471	No
200	GOM_NL__2PRFIN20090430_203923_000000462078_00343_37471_1463.N1	30-APR-2009 20:39:23	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	37471	No
201	GOM_NL__2PRFIN20090430_204806_000000682078_00343_37471_1464.N1	30-APR-2009 20:48:06	Dark	67.500	61	8Eps Peg	2.1000	3900.0	135	37471	No
202	GOM_NL__2PRFIN20090430_205032_000000562078_00343_37471_1465.N1	30-APR-2009 20:50:32	Dark	55.500	162	34Alp Aqr	2.9440	5350.0	111	37471	No
203	GOM_NL__2PRFIN20090430_205415_000000632078_00343_37471_1466.N1	30-APR-2009 20:54:15	Dark	63.000	154	22Bet Aqr	2.8990	5700.0	126	37471	No
204	GOM_NL__2PRFIN20090430_211717_000000502078_00344_37472_1466.N1	30-APR-2009 21:17:17	Straylight	49.500	40	The Sco	1.8590	7100.0	99	37472	No
205	GOM_NL__2PRFIN20090430_211902_000000562078_00344_37472_1467.N1	30-APR-2009 21:19:02	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	37472	No
206	GOM_NL__2PRFIN20090430_212210_000000642078_00344_37472_1468.N1	30-APR-2009 21:22:10	Straylight	63.500	75	26Eps Sco	2.2910	4250.0	127	37472	No
207	GOM_NL__2PRFIN20090430_212556_000000422078_00344_37472_1469.N1	30-APR-2009 21:25:56	Tw_i_and_stray	42.000	16	21Alp Sco	1.0200	3000.0	84	37472	No
208	GOM_NL__2PRFIN20090430_212811_000000632078_00344_37472_1470.N1	30-APR-2009 21:28:11	Tw_i_and_stray	62.500	80	7Del Sco	2.3160	30000.	125	37472	No
209	GOM_NL__2PRFIN20090430_213121_000000442078_00344_37472_1471.N1	30-APR-2009 21:31:21	Bright	43.500	122	9Alp2Lib	2.7470	9700.0	87	37472	No
210	GOM_NL__2PRFIN20090430_213339_000000492078_00344_37472_1472.N1	30-APR-2009 21:33:39	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	37472	No
211	GOM_NL__2PRFIN20090430_214235_000000522078_00344_37472_1473.N1	30-APR-2009 21:42:35	Bright	52.000	3	16Alp Boo	-0.050000	4250.0	104	37472	No
212	GOM_NL__2PRFIN20090430_214547_000000472078_00344_37472_1474.N1	30-APR-2009 21:45:47	Bright	46.500	83		2.3780	11000.	93	37472	No
213	GOM_NL__2PRFIN20090430_214847_000000402078_00344_37472_1475.N1	30-APR-2009 21:48:47	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37472	No
214	GOM_NL__2PRFIN20090430_215821_000000452078_00344_37472_1476.N1	30-APR-2009 21:58:21	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37472	No
215	GOM_NL__2PRFIN20090430_220839_000000402078_00344_37472_1477.N1	30-APR-2009 22:08:39	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	37472	No
216	GOM_NL__2PRFIN20090430_221959_000000442078_00344_37472_1478.N1	30-APR-2009 22:19:59	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	37472	No
217	GOM_NL__2PRFIN20090430_222843_000000702078_00344_37472_1479.N1	30-APR-2009 22:28:43	Dark	69.500	61	8Eps Peg	2.1000	3900.0	139	37472	No
218	GOM_NL__2PRFIN20090430_223109_000000562078_00344_37472_1480.N1	30-APR-2009 22:31:09	Dark	55.500	162	34Alp Aqr	2.9440	5350.0	111	37472	No
219	GOM_NL__2PRFIN20090430_223452_000000642078_00344_37472_1481.N1	30-APR-2009 22:34:52	Dark	63.500	154	22Bet Aqr	2.8990	5700.0	127	37472	No

220	GOM_NL__2PRFIN20090430_225754_000000552078_00345_37473_1479.N1	30-APR-2009 22:57:54	Straylight	55.000	40	The Sco	1.8590	7100.0	110	37473	No
221	GOM_NL__2PRFIN20090430_225939_000000622078_00345_37473_1480.N1	30-APR-2009 22:59:39	Straylight	61.500	25	35Lam Sco	1.6200	28000.	123	37473	No
222	GOM_NL__2PRFIN20090430_230247_000000552078_00345_37473_1481.N1	30-APR-2009 23:02:47	Straylight	55.000	75	26Eps Sco	2.2910	4250.0	110	37473	No
223	GOM_NL__2PRFIN20090430_230632_000000422078_00345_37473_1482.N1	30-APR-2009 23:06:32	Twilight_stray	42.000	16	21Alp Sco	1.0200	3000.0	84	37473	No
224	GOM_NL__2PRFIN20090430_230847_000000592078_00345_37473_1483.N1	30-APR-2009 23:08:47	Twilight_stray	59.000	80	7Del Sco	2.3160	30000.	118	37473	No
225	GOM_NL__2PRFIN20090430_231157_000000602078_00345_37473_1484.N1	30-APR-2009 23:11:57	Bright	60.000	122	9Alp2Lib	2.7470	9700.0	120	37473	No
226	GOM_NL__2PRFIN20090430_231415_000000472078_00345_37473_1485.N1	30-APR-2009 23:14:15	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	37473	No
227	GOM_NL__2PRFIN20090430_232311_000000602078_00345_37473_1486.N1	30-APR-2009 23:23:11	Bright	60.000	3	16Alp Boo	-0.050000	4250.0	120	37473	No
228	GOM_NL__2PRFIN20090430_232622_000000442078_00345_37473_1487.N1	30-APR-2009 23:26:22	Bright	43.500	83		2.3780	11000.	87	37473	No
229	GOM_NL__2PRFIN20090430_232922_000000402078_00345_37473_1488.N1	30-APR-2009 23:29:22	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	37473	No
230	GOM_NL__2PRFIN20090430_233856_000000452078_00345_37473_1489.N1	30-APR-2009 23:38:56	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	37473	No
231	GOM_NL__2PRFIN20090430_234915_000000412078_00345_37473_1490.N1	30-APR-2009 23:49:15	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	37473	No

3. Quality information per product

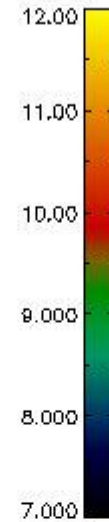
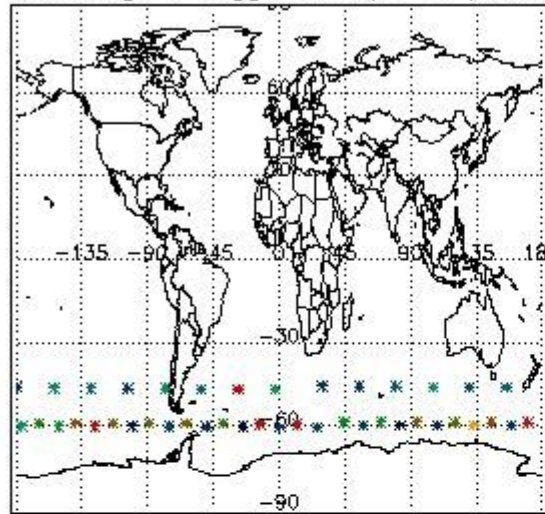
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

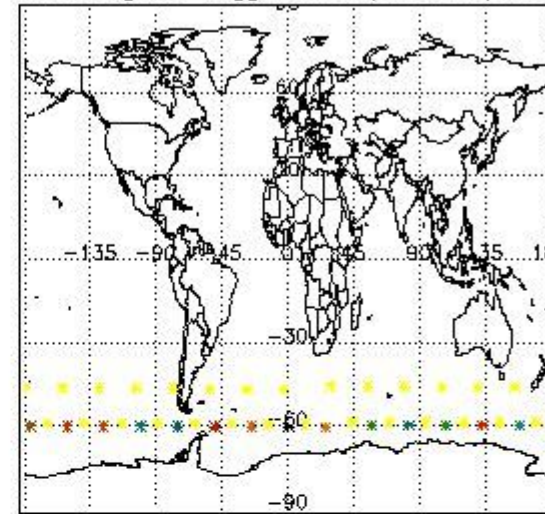


3.2 Plot quality information per product (world map)

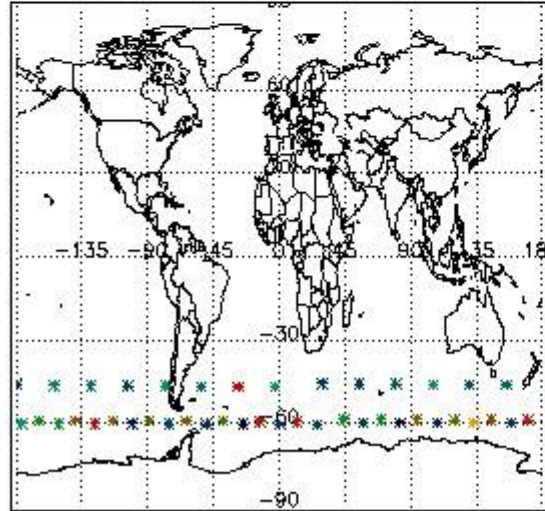
Percentage of flagged data per O3 profile



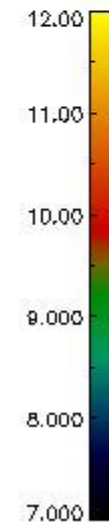
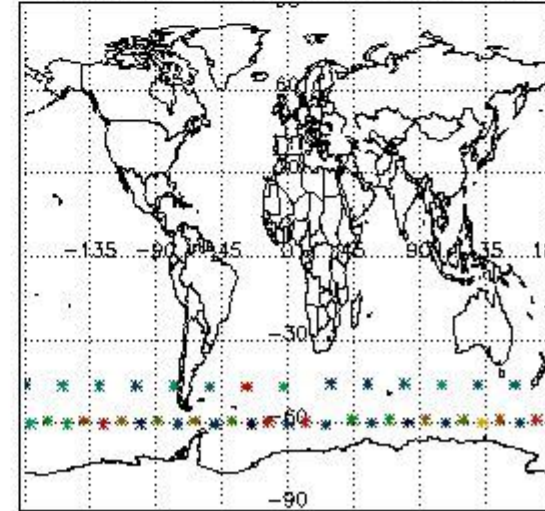
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

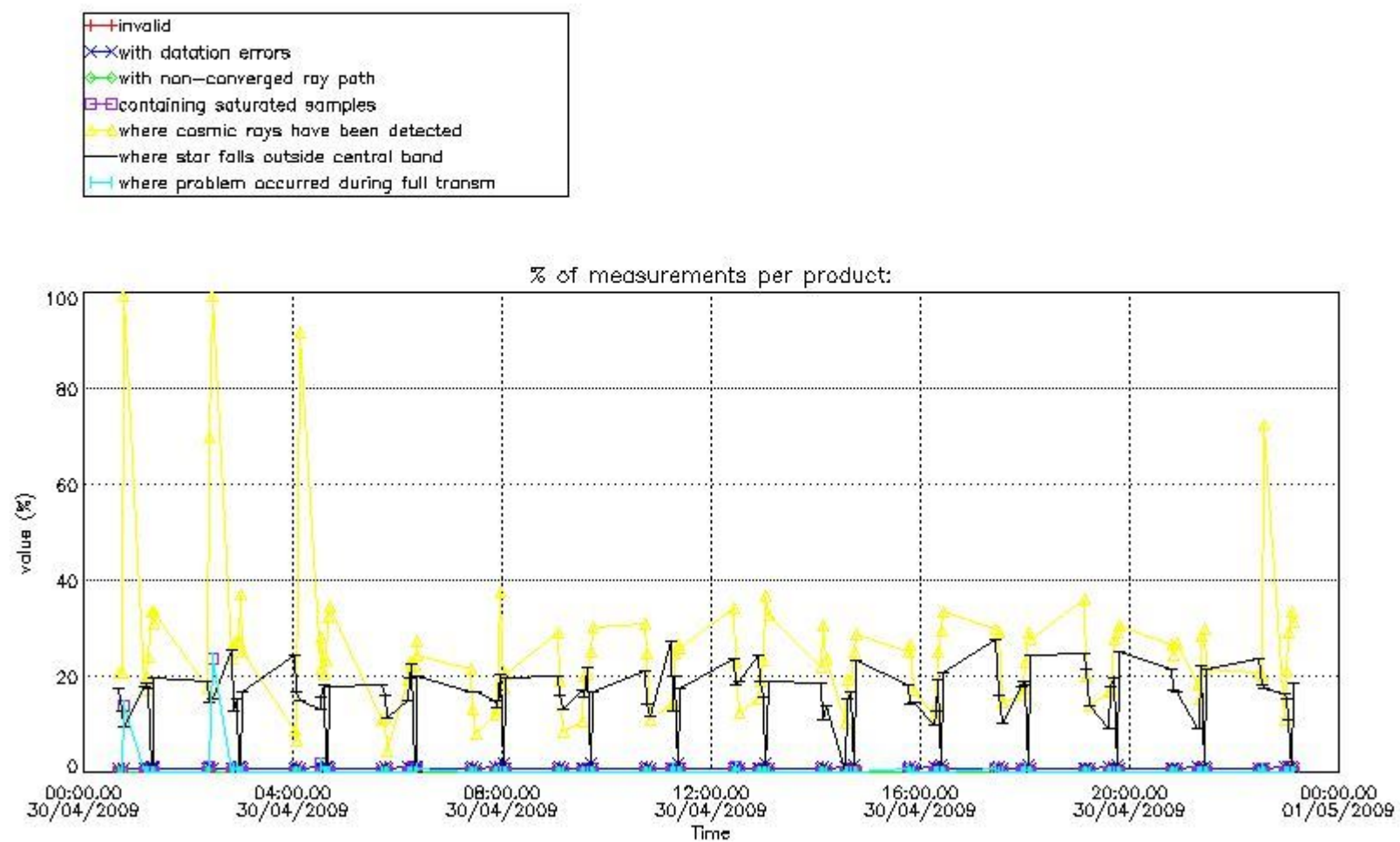


4. Level 1 quality information per product

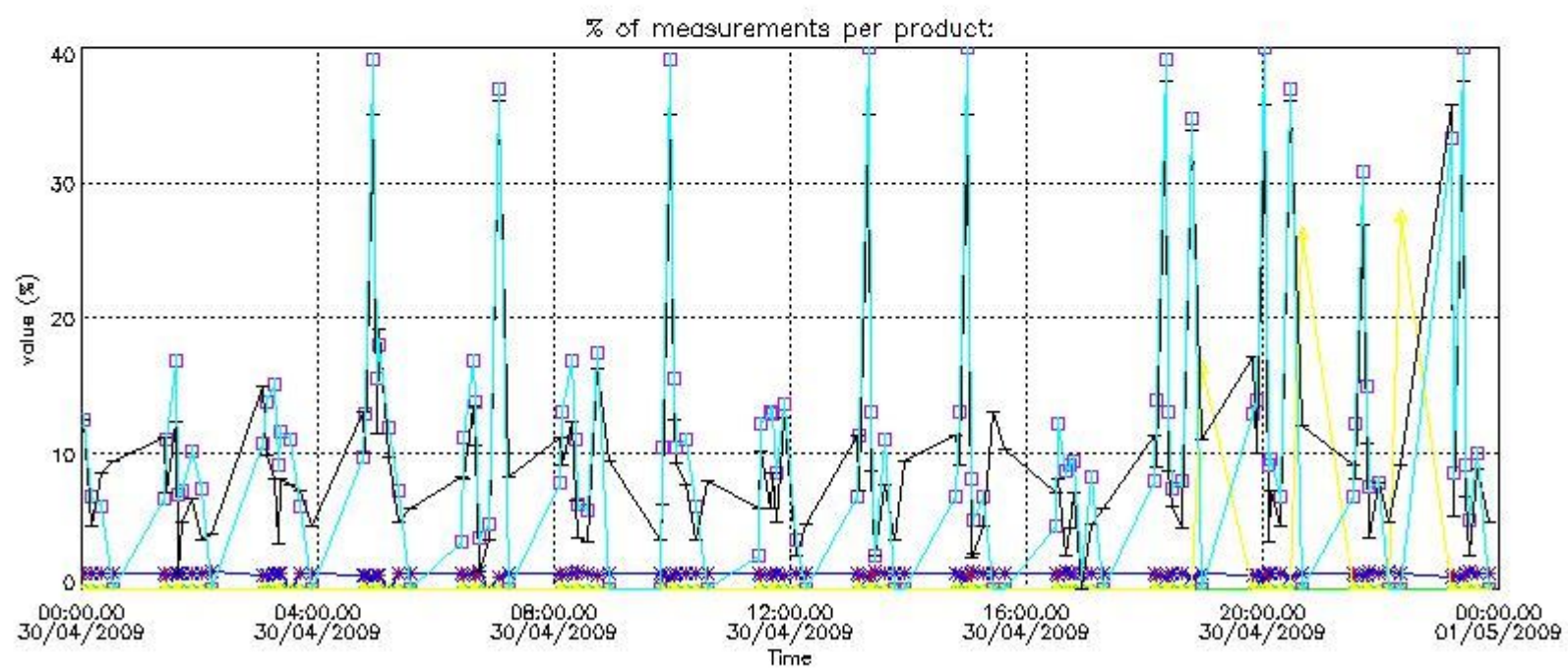
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

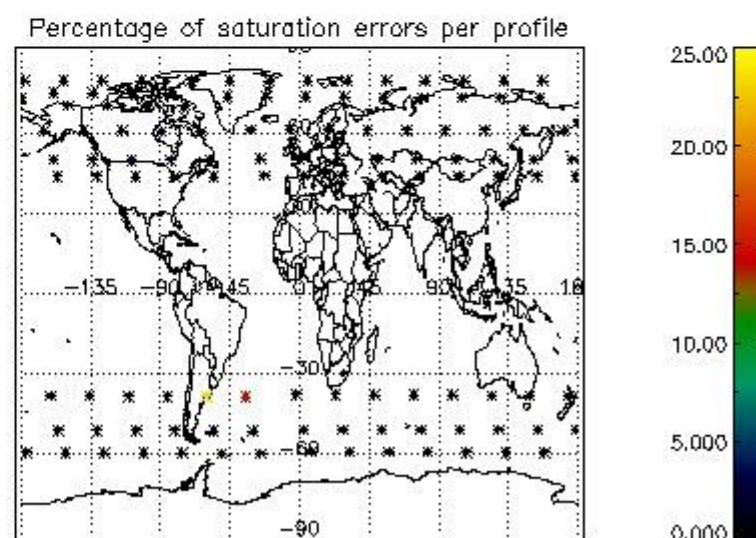
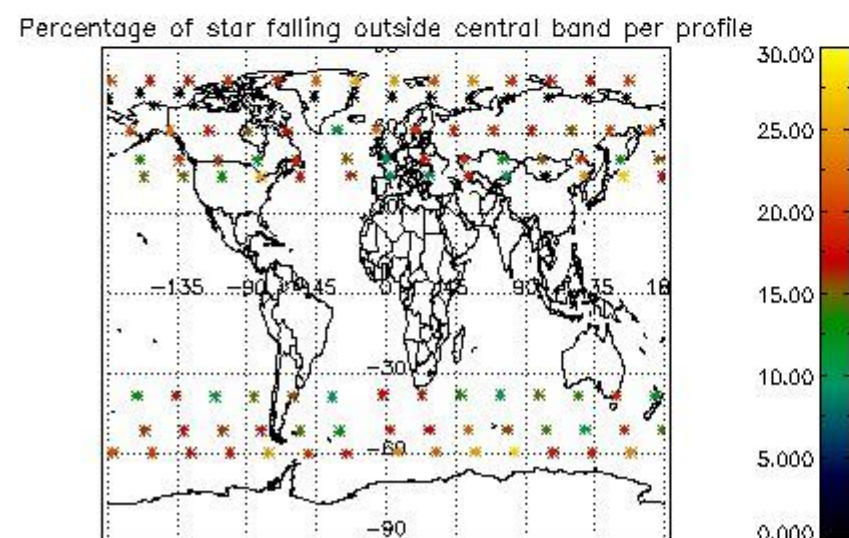
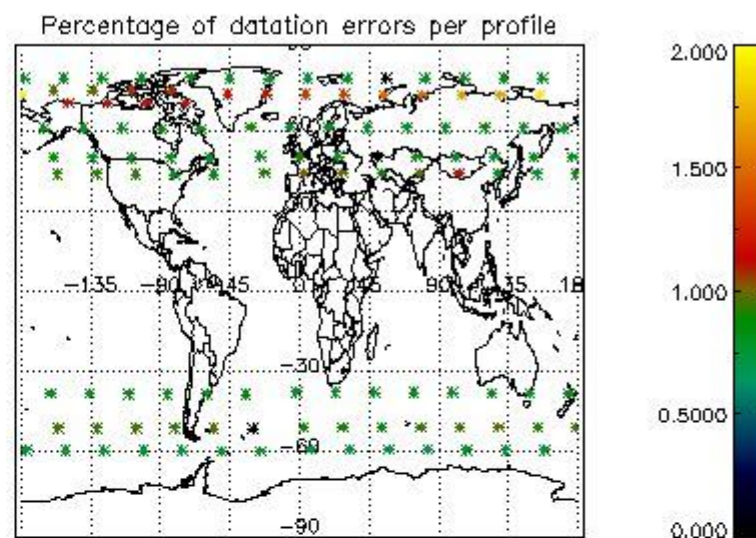
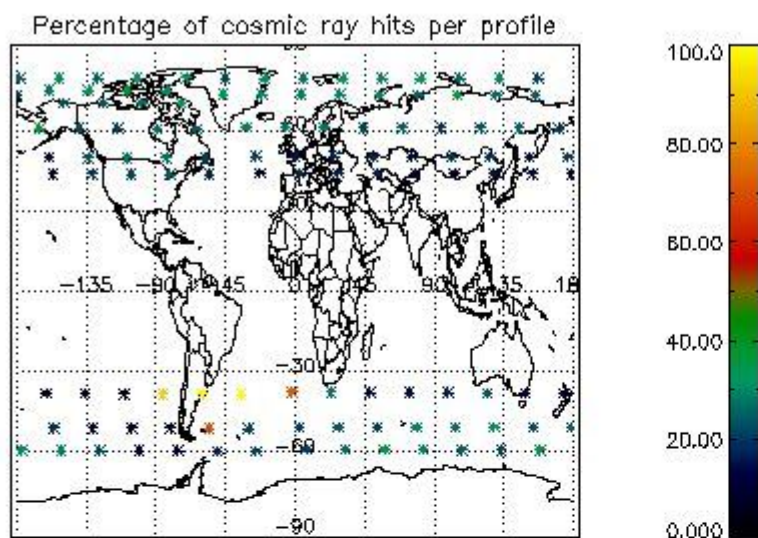


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

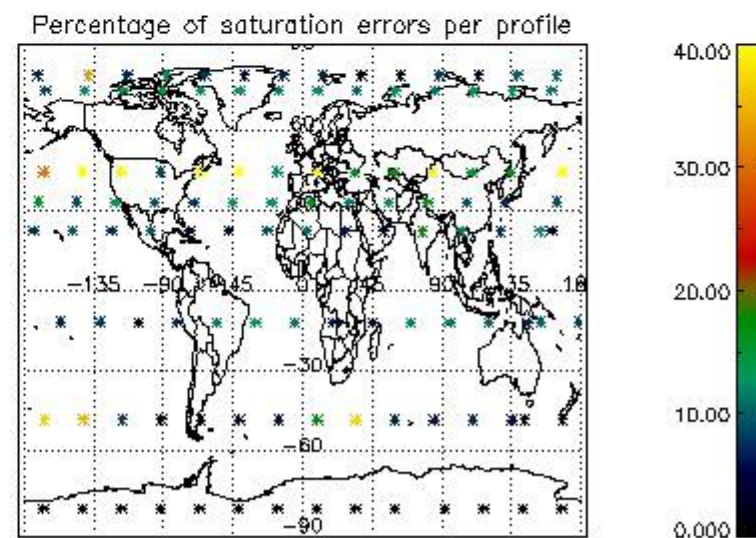
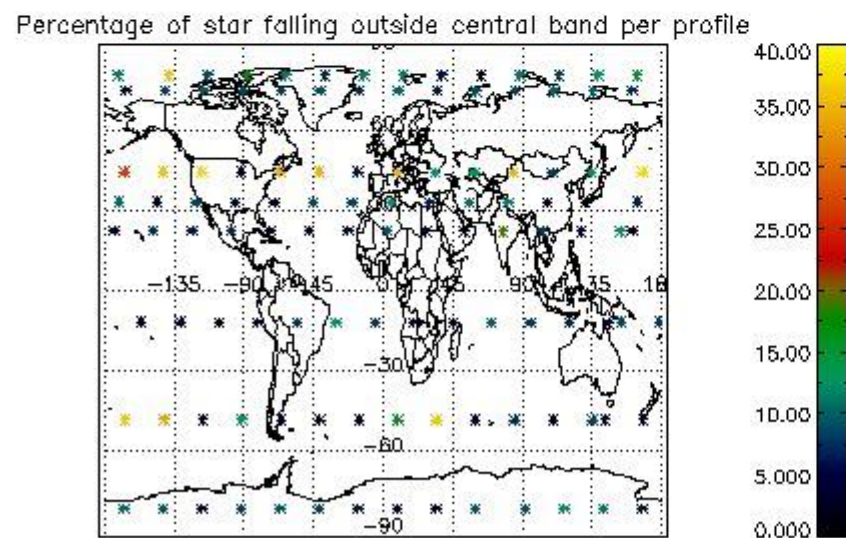
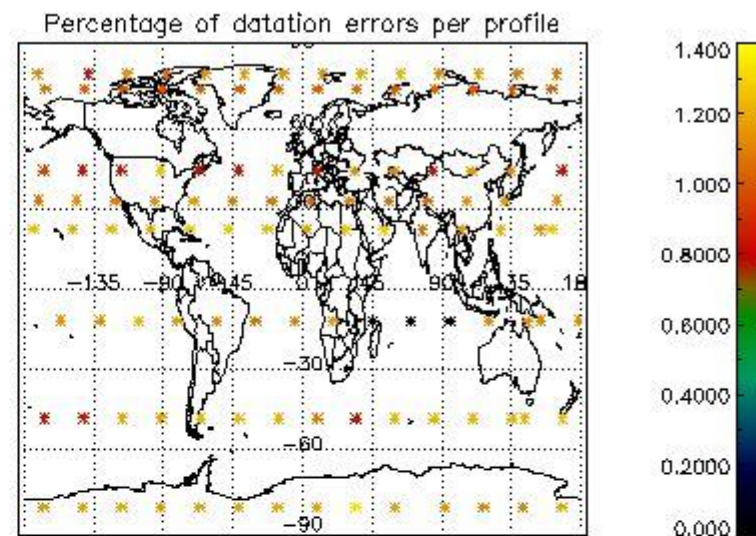
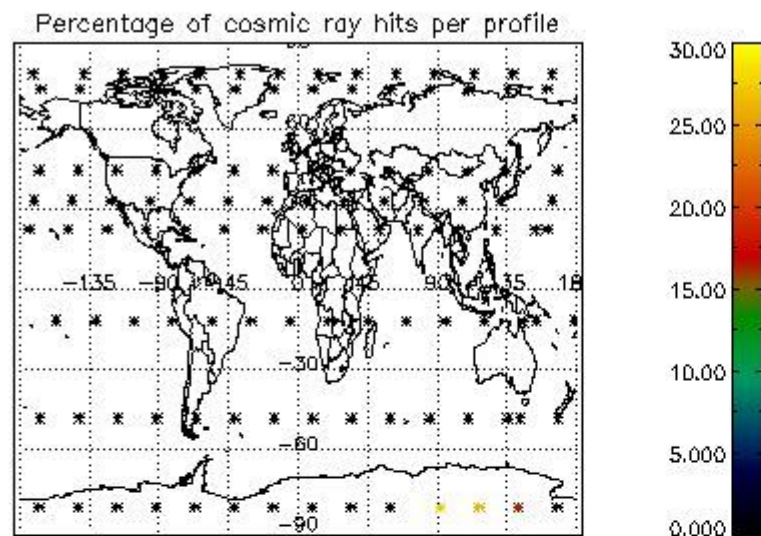


4.2 Plot quality information per product coming from level 1b processing (world map)

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

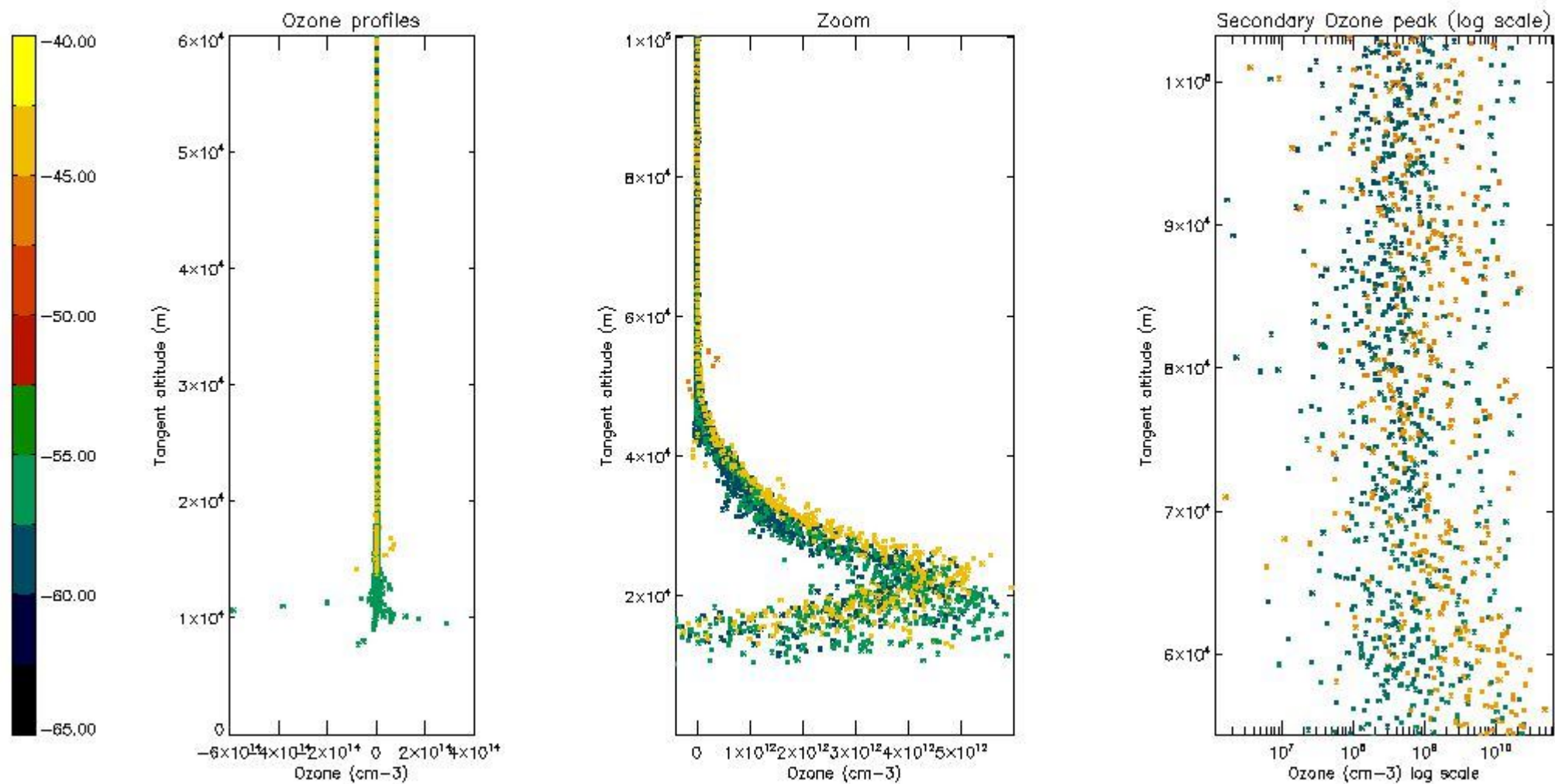
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	5

STD < 10	2
STD < 5	0

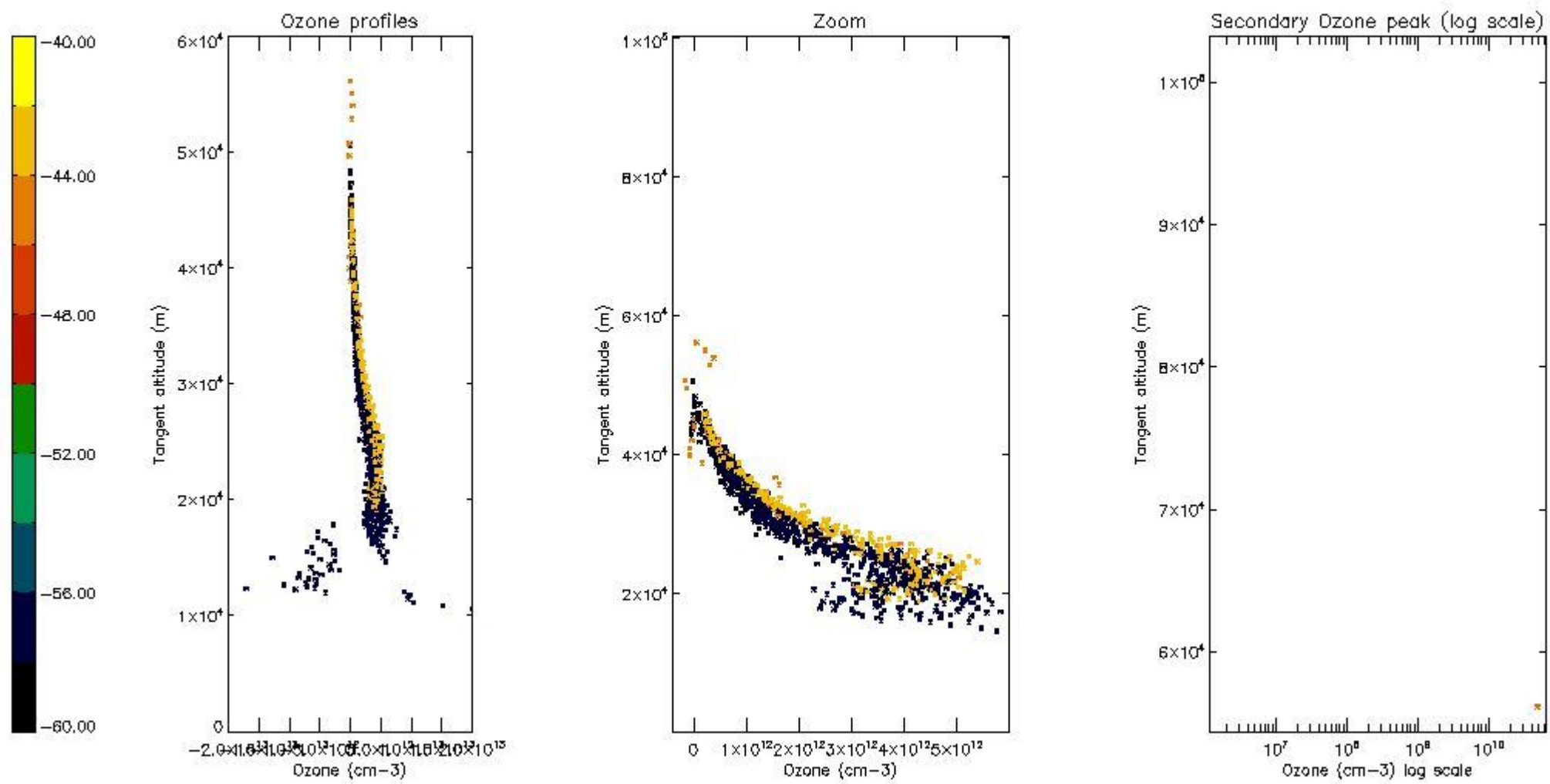
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



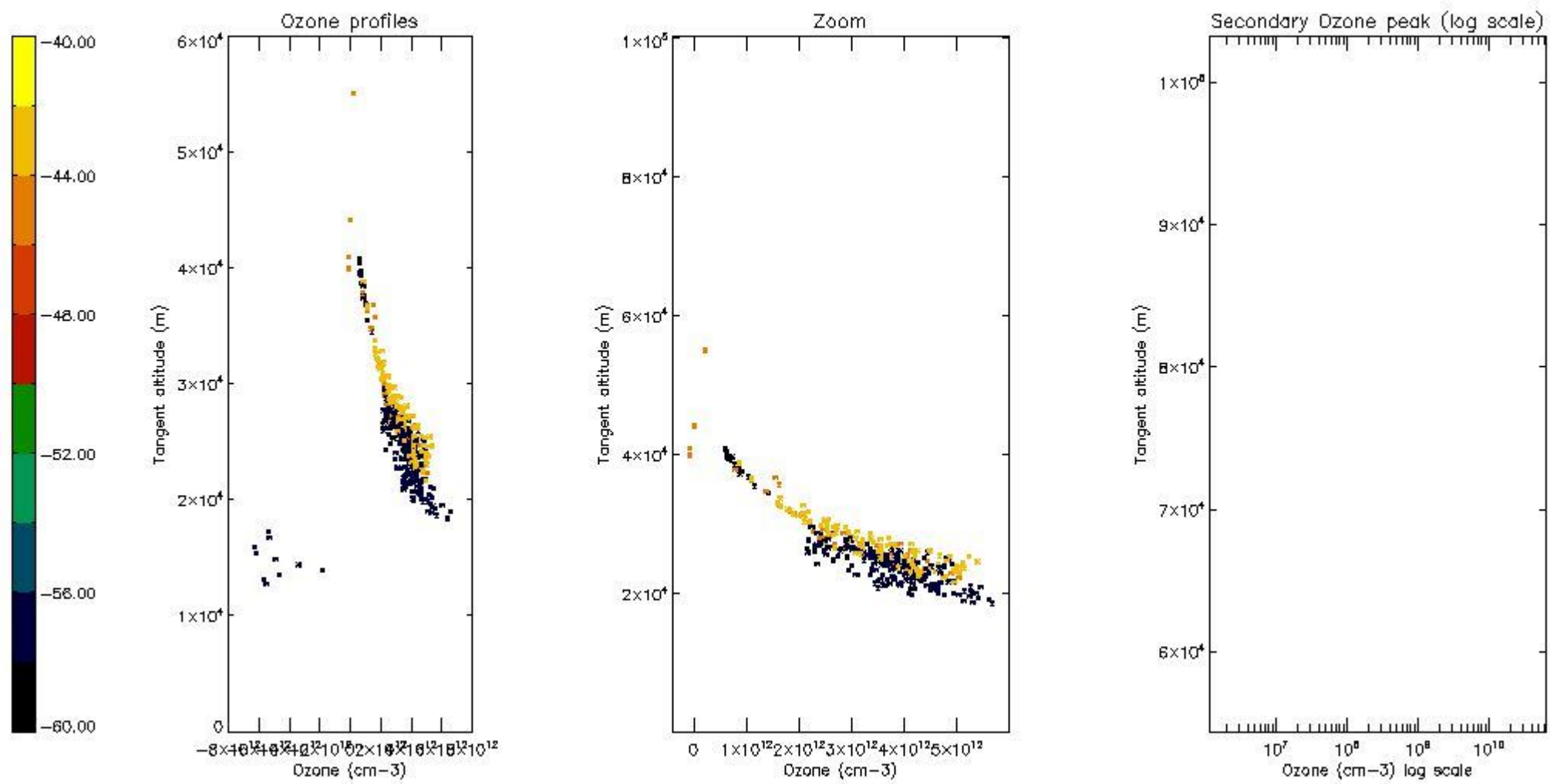
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



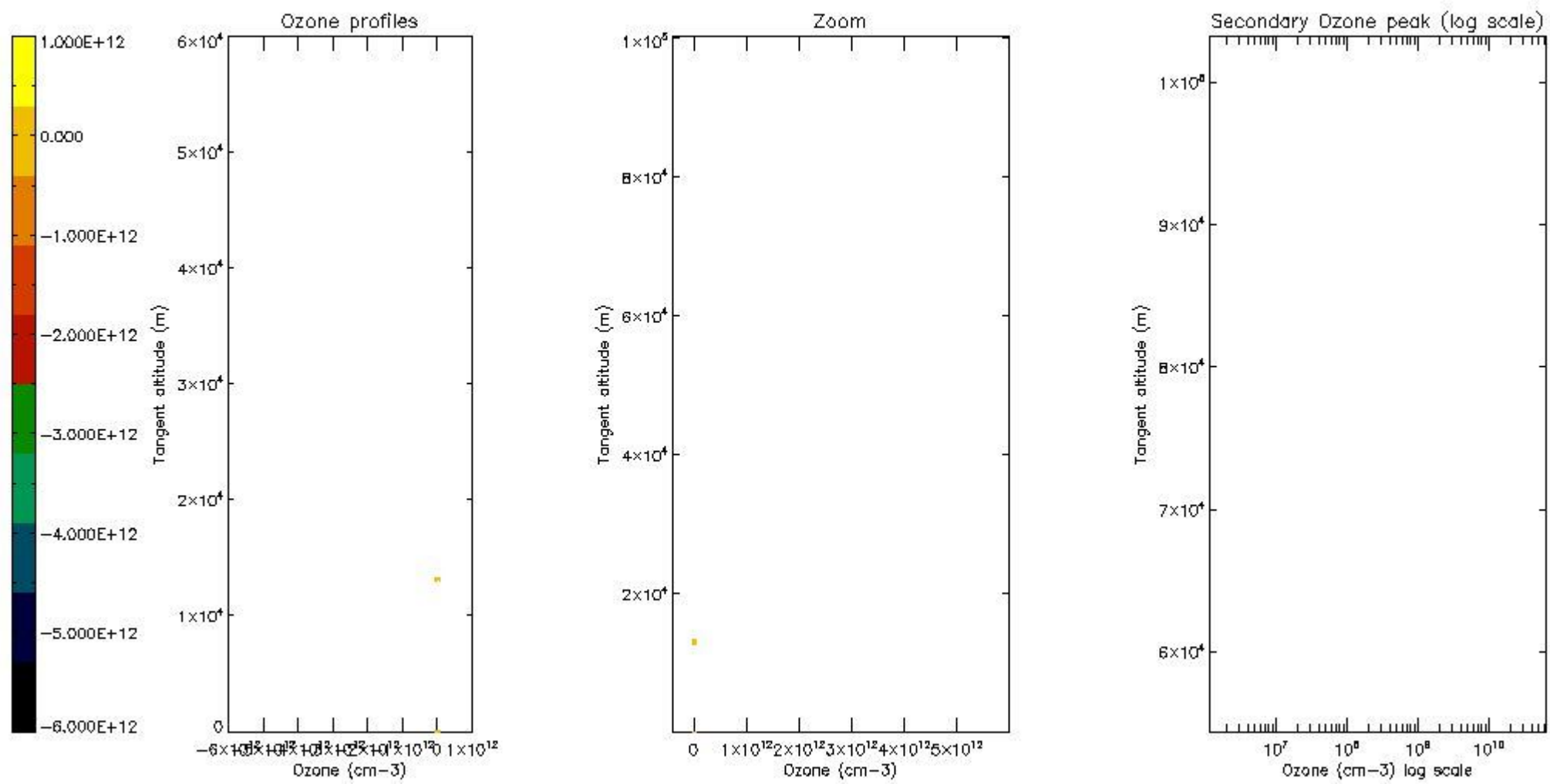
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



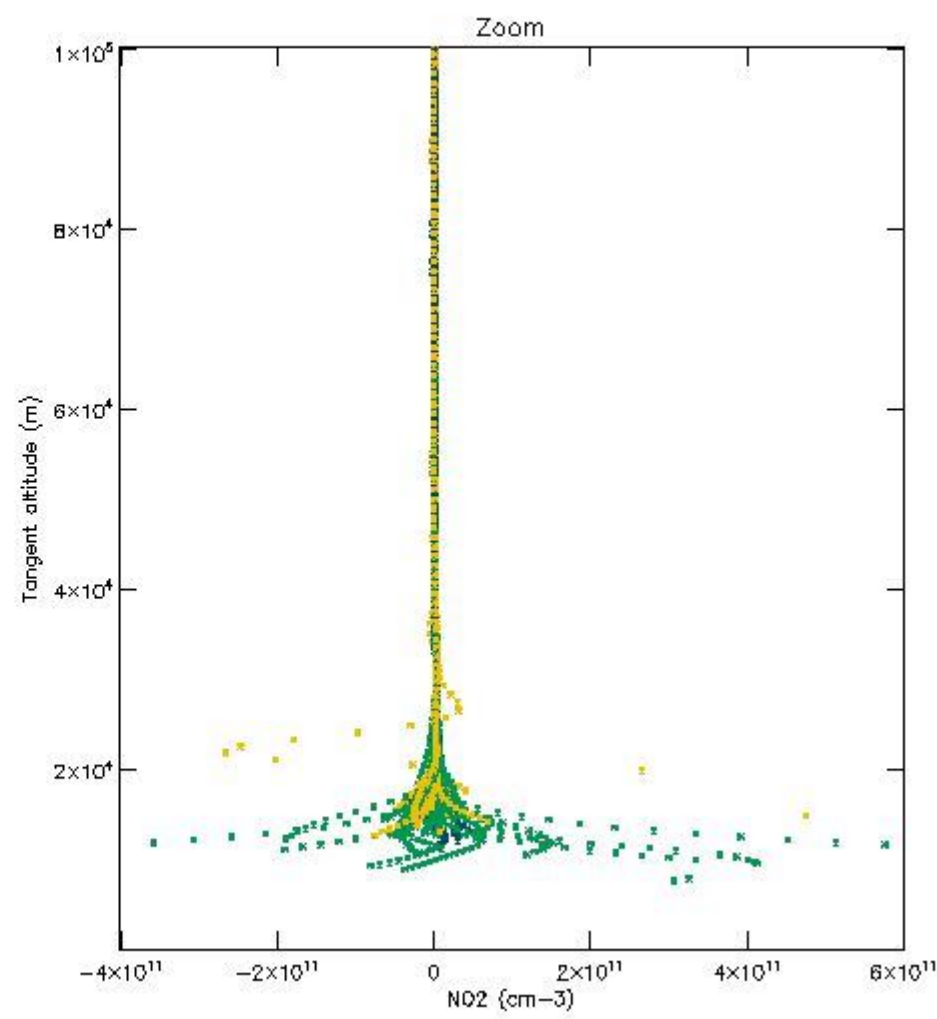
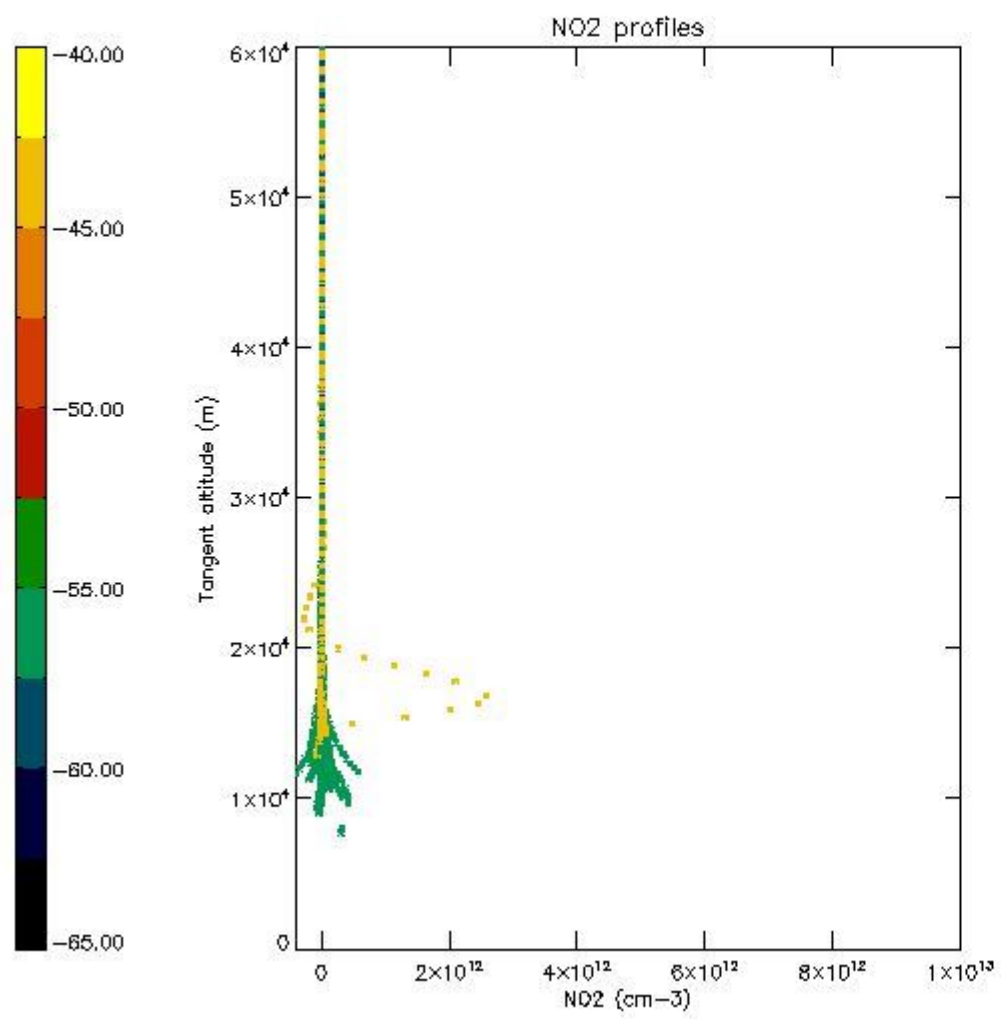
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



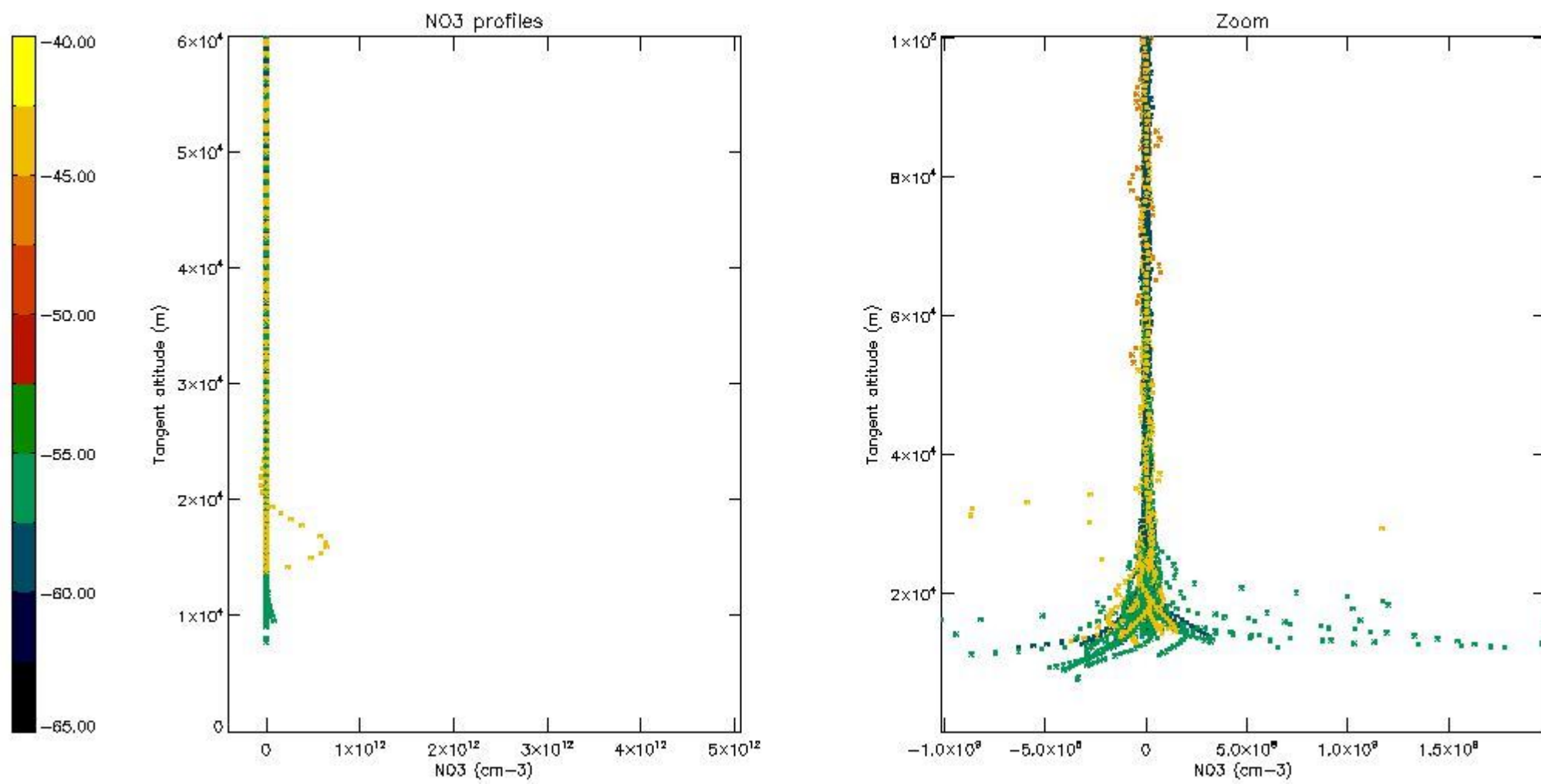
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



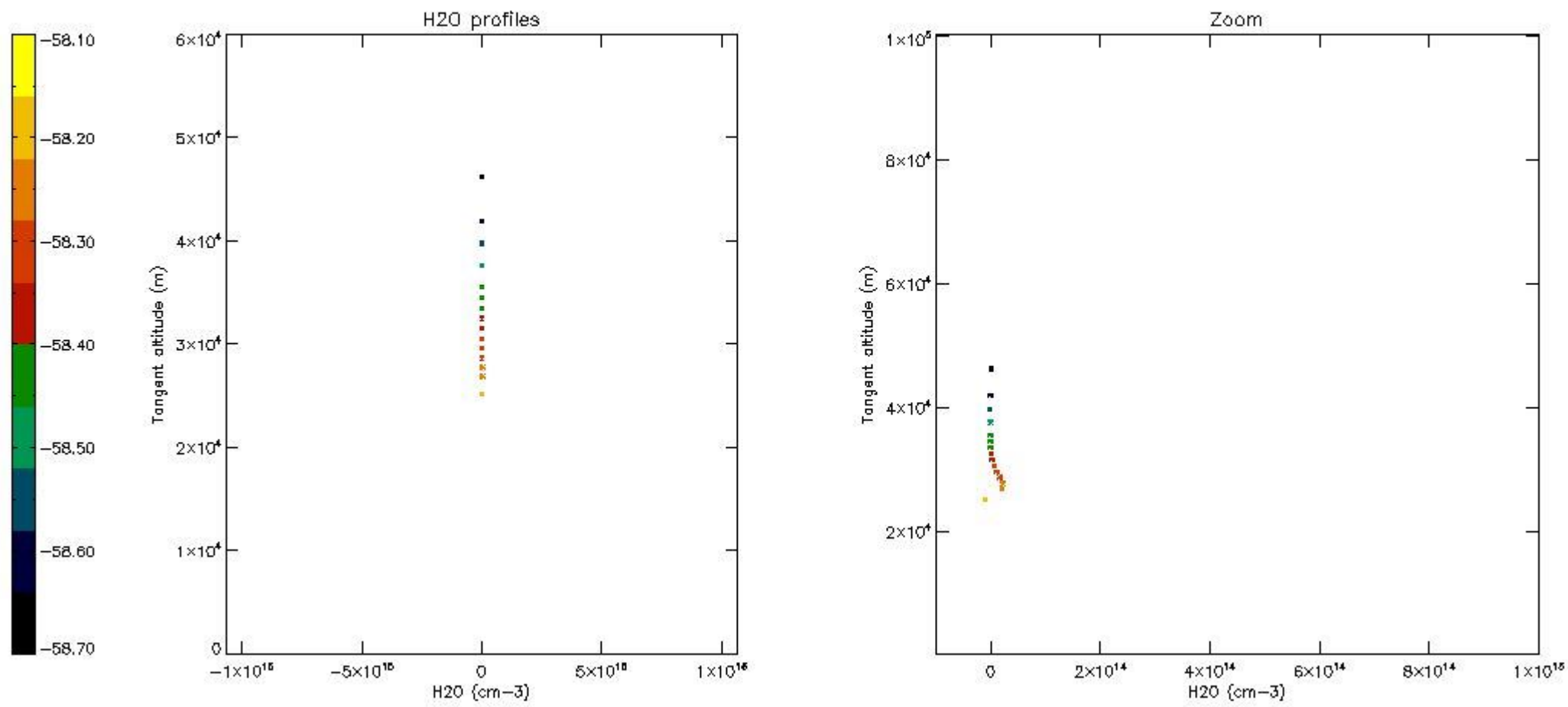
5.7 Plot NO3 profiles for all STD (dark without errors)

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	30-APR-2009 00:01:06
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-APR-2009 00:01:06
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-APR-2009 00:01:06

GOMOS Level 2 Daily Report

SUMMARY

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[4.1.1 Plot of level 1 quality information per product \(time dependant\): ASCENDING](#)

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[4.2 Plot of level 1 quality information per product \(world map\)](#)

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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](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

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[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[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 09:09:51
Data source version	GOMOS/6.01
Start time of products	30-04-2009 (30APR2009 00:00:00)
Stop time of products	01-05-2009 (01MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	231
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__2PRFIN20090430_000106_000000442078_00331_37459_1238.N1	30-APR-2009 00:01:06	Bright	44.000	180	27Gam Boo	3.0400	8000.0	88	37459	No
2	GOM_NL__2PRFIN20090430_001042_000000442078_00331_37459_1239.N1	30-APR-2009 00:10:42	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37459	No
3	GOM_NL__2PRFIN20090430_002056_000000412078_00331_37459_1240.N1	30-APR-2009 00:20:56	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	37459	No
4	GOM_NL__2PRFIN20090430_003210_000000432078_00331_37459_1241.N1	30-APR-2009 00:32:10	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	37459	No
5	GOM_NL__2PRFIN20090430_004045_000000632078_00331_37459_1242.N1	30-APR-2009 00:40:45	Dark	63.000	61	8Eps Peg	2.1000	3900.0	126	37459	No
6	GOM_NL__2PRFIN20090430_004311_000000512078_00331_37459_1243.N1	30-APR-2009 00:43:11	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	37459	No
7	GOM_NL__2PRFIN20090430_004649_000000582078_00331_37459_1244.N1	30-APR-2009 00:46:49	Dark	57.500	154	22Bet Aqr	2.8990	5700.0	115	37459	No
8	GOM_NL__2PRFIN20090430_010955_000000562078_00332_37460_1243.N1	30-APR-2009 01:09:55	Straylight	56.000	40	The Sco	1.8590	7100.0	112	37460	No
9	GOM_NL__2PRFIN20090430_011139_000000632078_00332_37460_1244.N1	30-APR-2009 01:11:39	Straylight	62.500	25	35Lam Sco	1.6200	28000.	125	37460	No
10	GOM_NL__2PRFIN20090430_011450_000000612078_00332_37460_1245.N1	30-APR-2009 01:14:50	Straylight	60.500	75	26Eps Sco	2.2910	4250.0	121	37460	No
11	GOM_NL__2PRFIN20090430_011742_000000422078_00332_37460_1246.N1	30-APR-2009 01:17:42	Twilight_stray	42.000	136	23Tau Sco	2.8220	30000.	84	37460	No
12	GOM_NL__2PRFIN20090430_011914_000000472078_00332_37460_1247.N1	30-APR-2009 01:19:14	Twilight_stray	47.000	156	20Sig Sco	2.9030	28000.	94	37460	No
13	GOM_NL__2PRFIN20090430_012056_000000622078_00332_37460_1248.N1	30-APR-2009 01:20:56	Twilight_stray	61.500	80	7Del Sco	2.3160	30000.	123	37460	No
14	GOM_NL__2PRFIN20090430_012408_000000452078_00332_37460_1249.N1	30-APR-2009 01:24:08	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	37460	No
15	GOM_NL__2PRFIN20090430_012628_000000502078_00332_37460_1250.N1	30-APR-2009 01:26:28	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	37460	No
16	GOM_NL__2PRFIN20090430_013527_000000452078_00332_37460_1251.N1	30-APR-2009 01:35:27	Bright	44.500	3	16Alp Boo	-0.050000	4250.0	89	37460	No
17	GOM_NL__2PRFIN20090430_013842_000000432078_00332_37460_1252.N1	30-APR-2009 01:38:42	Bright	43.000	83		2.3780	11000.	86	37460	No
18	GOM_NL__2PRFIN20090430_014142_000000412078_00332_37460_1253.N1	30-APR-2009 01:41:42	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37460	No
19	GOM_NL__2PRFIN20090430_015117_000000452078_00332_37460_1254.N1	30-APR-2009 01:51:17	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37460	No
20	GOM_NL__2PRFIN20090430_020132_000000412078_00332_37460_1255.N1	30-APR-2009 02:01:32	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	37460	No
21	GOM_NL__2PRFIN20090430_021246_000000382078_00332_37460_1256.N1	30-APR-2009 02:12:46	Bright	37.500	164	44Eta Peg	2.9480	5400.0	75	37460	No
22	GOM_NL__2PRFIN20090430_022122_000000642078_00332_37460_1257.N1	30-APR-2009 02:21:22	Dark	63.500	61	8Eps Peg	2.1000	3900.0	127	37460	No
23	GOM_NL__2PRFIN20090430_022348_000000522078_00332_37460_1258.N1	30-APR-2009 02:23:48	Dark	51.500	162	34Alp Aqr	2.9440	5350.0	103	37460	No
24	GOM_NL__2PRFIN20090430_022726_000000622078_00332_37460_1259.N1	30-APR-2009 02:27:26	Dark	61.500	154	22Bet Aqr	2.8990	5700.0	123	37460	No
25	GOM_NL__2PRFIN20090430_025032_000000612078_00333_37461_1282.N1	30-APR-2009 02:50:32	Straylight	61.000	40	The Sco	1.8590	7100.0	122	37461	No
26	GOM_NL__2PRFIN20090430_025216_000000602078_00333_37461_1283.N1	30-APR-2009 02:52:16	Straylight	59.500	25	35Lam Sco	1.6200	28000.	119	37461	No
27	GOM_NL__2PRFIN20090430_025527_000000592078_00333_37461_1284.N1	30-APR-2009 02:55:27	Straylight	59.000	75	26Eps Sco	2.2910	4250.0	118	37461	No
28	GOM_NL__2PRFIN20090430_025818_000000422078_00333_37461_1285.N1	30-APR-2009 02:58:18	Twilight_stray	42.000	136	23Tau Sco	2.8220	30000.	84	37461	No
29	GOM_NL__2PRFIN20090430_025950_000000472078_00333_37461_1286.N1	30-APR-2009 02:59:50	Twilight_stray	47.000	156	20Sig Sco	2.9030	28000.	94	37461	No
30	GOM_NL__2PRFIN20090430_030132_000000602078_00333_37461_1287.N1	30-APR-2009 03:01:32	Twilight_stray	60.000	80	7Del Sco	2.3160	30000.	120	37461	No
31	GOM_NL__2PRFIN20090430_030444_000000472078_00333_37461_1288.N1	30-APR-2009 03:04:44	Bright	46.500	122	9Alp2Lib	2.7470	9700.0	93	37461	No
32	GOM_NL__2PRFIN20090430_030704_000000512078_00333_37461_1289.N1	30-APR-2009 03:07:04	Bright	50.500	104	27Bet Lib	2.6140	13100.	101	37461	No
33	GOM_NL__2PRFIN20090430_031603_000000432078_00333_37461_1290.N1	30-APR-2009 03:16:03	Bright	43.000	3	16Alp Boo	-0.050000	4250.0	86	37461	No
34	GOM_NL__2PRFIN20090430_031917_000000442078_00333_37461_1291.N1	30-APR-2009 03:19:17	Bright	44.000	83		2.3780	11000.	88	37461	No
35	GOM_NL__2PRFIN20090430_032217_000000432078_00333_37461_1292.N1	30-APR-2009 03:22:17	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	37461	No
36	GOM_NL__2PRFIN20090430_033153_000000462078_00333_37461_1293.N1	30-APR-2009 03:31:53	Bright	45.500	119	14Eta Dra	2.7270	4700.0	91	37461	No
37	GOM_NL__2PRFIN20090430_034207_000000412078_00333_37461_1294.N1	30-APR-2009 03:42:07	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	37461	No
38	GOM_NL__2PRFIN20090430_035322_000000432078_00333_37461_1295.N1	30-APR-2009 03:53:22	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	37461	No
39	GOM_NL__2PRFIN20090430_040158_000000682078_00333_37461_1296.N1	30-APR-2009 04:01:58	Dark	68.000	61	8Eps Peg	2.1000	3900.0	136	37461	No
40	GOM_NL__2PRFIN20090430_040425_000000542078_00333_37461_1297.N1	30-APR-2009 04:04:25	Dark	54.000	162	34Alp Aqr	2.9440	5350.0	108	37461	No
41	GOM_NL__2PRFIN20090430_040803_000000612078_00333_37461_1298.N1	30-APR-2009 04:08:03	Dark	61.000	154	22Bet Aqr	2.8990	5700.0	122	37461	No
42	GOM_NL__2PRFIN20090430_043109_000000542078_00334_37462_1296.N1	30-APR-2009 04:31:09	Straylight	53.500	40	The Sco	1.8590	7100.0	107	37462	No

43	GOM_NL__2PRFIN20090430_043253_000000612078_00334_37462_1297.N1	30-APR-2009 04:32:53	Straylight	61.000	25	35Lam Sco	1.6200	28000.	122	37462	No
44	GOM_NL__2PRFIN20090430_043604_000000612078_00334_37462_1298.N1	30-APR-2009 04:36:04	Straylight	61.000	75	26Eps Sco	2.2910	4250.0	122	37462	No
45	GOM_NL__2PRFIN20090430_043855_000000452078_00334_37462_1299.N1	30-APR-2009 04:38:55	Twi_and_stray	45.000	136	23Tau Sco	2.8220	30000.	90	37462	No
46	GOM_NL__2PRFIN20090430_044027_000000512078_00334_37462_1300.N1	30-APR-2009 04:40:27	Twi_and_stray	51.000	156	20Sig Sco	2.9030	28000.	102	37462	No
47	GOM_NL__2PRFIN20090430_044208_000000622078_00334_37462_1301.N1	30-APR-2009 04:42:08	Twi_and_stray	62.000	80	7Del Sco	2.3160	30000.	124	37462	No
48	GOM_NL__2PRFIN20090430_044520_000000462078_00334_37462_1302.N1	30-APR-2009 04:45:20	Bright	46.000	122	9Alp2Lib	2.7470	9700.0	92	37462	No
49	GOM_NL__2PRFIN20090430_044740_000000502078_00334_37462_1303.N1	30-APR-2009 04:47:40	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	37462	No
50	GOM_NL__2PRFIN20090430_045639_000000602078_00334_37462_1304.N1	30-APR-2009 04:56:39	Bright	60.000	3	16Alp Boo	-0.050000	4250.0	120	37462	No
51	GOM_NL__2PRFIN20090430_045953_000000482078_00334_37462_1305.N1	30-APR-2009 04:59:53	Bright	48.000	83		2.3780	11000.	96	37462	No
52	GOM_NL__2PRFIN20090430_050252_000000472078_00334_37462_1306.N1	30-APR-2009 05:02:52	Bright	47.000	180	27Gam Boo	3.0400	8000.0	94	37462	No
53	GOM_NL__2PRFIN20090430_051228_000000462078_00334_37462_1307.N1	30-APR-2009 05:12:28	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37462	No
54	GOM_NL__2PRFIN20090430_052243_000000412078_00334_37462_1308.N1	30-APR-2009 05:22:43	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	37462	No
55	GOM_NL__2PRFIN20090430_053358_000000422078_00334_37462_1309.N1	30-APR-2009 05:33:58	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	37462	No
56	GOM_NL__2PRFIN20090430_054235_000000642078_00334_37462_1310.N1	30-APR-2009 05:42:35	Dark	63.500	61	8Eps Peg	2.1000	3900.0	127	37462	No
57	GOM_NL__2PRFIN20090430_054501_000000532078_00334_37462_1311.N1	30-APR-2009 05:45:01	Dark	53.000	162	34Alp Aqr	2.9440	5350.0	106	37462	No
58	GOM_NL__2PRFIN20090430_054840_000000592078_00334_37462_1312.N1	30-APR-2009 05:48:40	Dark	58.500	154	22Bet Aqr	2.8990	5700.0	117	37462	No
59	GOM_NL__2PRFIN20090430_061146_000000542078_00335_37463_1310.N1	30-APR-2009 06:11:46	Straylight	54.000	40	The Sco	1.8590	7100.0	108	37463	No
60	GOM_NL__2PRFIN20090430_061330_000000642078_00335_37463_1311.N1	30-APR-2009 06:13:30	Straylight	63.500	25	35Lam Sco	1.6200	28000.	127	37463	No
61	GOM_NL__2PRFIN20090430_061640_000000642078_00335_37463_1312.N1	30-APR-2009 06:16:40	Straylight	64.000	75	26Eps Sco	2.2910	4250.0	128	37463	No
62	GOM_NL__2PRFIN20090430_061931_000000452078_00335_37463_1313.N1	30-APR-2009 06:19:31	Twi_and_stray	45.000	136	23Tau Sco	2.8220	30000.	90	37463	No
63	GOM_NL__2PRFIN20090430_062103_000000512078_00335_37463_1314.N1	30-APR-2009 06:21:03	Twi_and_stray	51.000	156	20Sig Sco	2.9030	28000.	102	37463	No
64	GOM_NL__2PRFIN20090430_062245_000000622078_00335_37463_1315.N1	30-APR-2009 06:22:45	Twi_and_stray	62.000	80	7Del Sco	2.3160	30000.	124	37463	No
65	GOM_NL__2PRFIN20090430_062557_000000432078_00335_37463_1316.N1	30-APR-2009 06:25:57	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	37463	No
66	GOM_NL__2PRFIN20090430_062816_000000492078_00335_37463_1317.N1	30-APR-2009 06:28:16	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	37463	No
67	GOM_NL__2PRFIN20090430_063715_000000452078_00335_37463_1318.N1	30-APR-2009 06:37:15	Bright	44.500	3	16Alp Boo	-0.050000	4250.0	89	37463	No
68	GOM_NL__2PRFIN20090430_064028_000000472078_00335_37463_1319.N1	30-APR-2009 06:40:28	Bright	47.000	83		2.3780	11000.	94	37463	No
69	GOM_NL__2PRFIN20090430_064328_000000392078_00335_37463_1320.N1	30-APR-2009 06:43:28	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37463	No
70	GOM_NL__2PRFIN20090430_065304_000000422078_00335_37463_1321.N1	30-APR-2009 06:53:04	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37463	No
71	GOM_NL__2PRFIN20090430_070318_000000612078_00335_37463_1322.N1	30-APR-2009 07:03:18	Bright	61.000	89	5Alp Cep	2.4510	8000.0	122	37463	No
72	GOM_NL__2PRFIN20090430_071434_000000432078_00335_37463_1323.N1	30-APR-2009 07:14:34	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	37463	No
73	GOM_NL__2PRFIN20090430_072312_000000632078_00335_37463_1324.N1	30-APR-2009 07:23:12	Dark	62.500	61	8Eps Peg	2.1000	3900.0	125	37463	No
74	GOM_NL__2PRFIN20090430_072538_000000542078_00335_37463_1325.N1	30-APR-2009 07:25:38	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	37463	No
75	GOM_NL__2PRFIN20090430_072918_000000632078_00335_37463_1326.N1	30-APR-2009 07:29:18	Dark	63.000	154	22Bet Aqr	2.8990	5700.0	126	37463	No
76	GOM_NL__2PRFIN20090430_075223_000000542078_00336_37464_1324.N1	30-APR-2009 07:52:23	Straylight	54.000	40	The Sco	1.8590	7100.0	108	37464	No
77	GOM_NL__2PRFIN20090430_075407_000000592078_00336_37464_1325.N1	30-APR-2009 07:54:07	Straylight	59.000	25	35Lam Sco	1.6200	28000.	118	37464	No
78	GOM_NL__2PRFIN20090430_075717_000000622078_00336_37464_1326.N1	30-APR-2009 07:57:17	Straylight	61.500	75	26Eps Sco	2.2910	4250.0	123	37464	No
79	GOM_NL__2PRFIN20090430_080104_000000262078_00336_37464_1327.N1	30-APR-2009 08:01:04	Twi_and_stray	26.000	16	21Alp Sco	1.0200	3000.0	52	37464	No
80	GOM_NL__2PRFIN20090430_080321_000000612078_00336_37464_1328.N1	30-APR-2009 08:03:21	Twi_and_stray	61.000	80	7Del Sco	2.3160	30000.	122	37464	No
81	GOM_NL__2PRFIN20090430_080633_000000452078_00336_37464_1329.N1	30-APR-2009 08:06:33	Bright	44.500	122	9Alp2Lib	2.7470	9700.0	89	37464	No
82	GOM_NL__2PRFIN20090430_080852_000000502078_00336_37464_1330.N1	30-APR-2009 08:08:52	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	37464	No
83	GOM_NL__2PRFIN20090430_081750_000000452078_00336_37464_1331.N1	30-APR-2009 08:17:50	Bright	44.500	3	16Alp Boo	-0.050000	4250.0	89	37464	No
84	GOM_NL__2PRFIN20090430_082103_000000462078_00336_37464_1332.N1	30-APR-2009 08:21:03	Bright	45.500	83		2.3780	11000.	91	37464	No
85	GOM_NL__2PRFIN20090430_082403_000000402078_00336_37464_1333.N1	30-APR-2009 08:24:03	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37464	No
86	GOM_NL__2PRFIN20090430_083339_000000432078_00336_37464_1334.N1	30-APR-2009 08:33:39	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37464	No
87	GOM_NL__2PRFIN20090430_084354_000000462078_00336_37464_1335.N1	30-APR-2009 08:43:54	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	37464	No
88	GOM_NL__2PRFIN20090430_085510_000000432078_00336_37464_1336.N1	30-APR-2009 08:55:10	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	37464	No
89	GOM_NL__2PRFIN20090430_090349_000000652078_00336_37464_1337.N1	30-APR-2009 09:03:49	Dark	65.000	61	8Eps Peg	2.1000	3900.0	130	37464	No
90	GOM_NL__2PRFIN20090430_090615_000000532078_00336_37464_1338.N1	30-APR-2009 09:06:15	Dark	53.000	162	34Alp Aqr	2.9440	5350.0	106	37464	No
91	GOM_NL__2PRFIN20090430_090955_000000612078_00336_37464_1339.N1	30-APR-2009 09:09:55	Dark	60.500	154	22Bet Aqr	2.8990	5700.0	121	37464	No
92	GOM_NL__2PRFIN20090430_093259_000000562078_00337_37465_1340.N1	30-APR-2009 09:32:59	Straylight	56.000	40	The Sco	1.8590	7100.0	112	37465	No
93	GOM_NL__2PRFIN20090430_093444_000000612078_00337_37465_1341.N1	30-APR-2009 09:34:44	Straylight	60.500	25	35Lam Sco	1.6200	28000.	121	37465	No
94	GOM_NL__2PRFIN20090430_093754_000000642078_00337_37465_1342.N1	30-APR-2009 09:37:54	Straylight	64.000	75	26Eps Sco	2.2910	4250.0	128	37465	No
95	GOM_NL__2PRFIN20090430_094141_000000262078_00337_37465_1343.N1	30-APR-2009 09:41:41	Twi_and_stray	26.000	16	21Alp Sco	1.0200	3000.0	52	37465	No
96	GOM_NL__2PRFIN20090430_094357_000000602078_00337_37465_1344.N1	30-APR-2009 09:43:57	Twi_and_stray	59.500	80	7Del Sco	2.3160	30000.	119	37465	No
97	GOM_NL__2PRFIN20090430_094709_000000412078_00337_37465_1345.N1	30-APR-2009 09:47:09	Bright	41.000	122	9Alp2Lib	2.7470	9700.0	82	37465	No
98	GOM_NL__2PRFIN20090430_094928_000000482078_00337_37465_1346.N1	30-APR-2009 09:49:28	Bright	48.000	104	27Bet Lib	2.6140	13100.	96	37465	No
99	GOM_NL__2PRFIN20090430_095826_000000602078_00337_37465_1347.N1	30-APR-2009 09:58:26	Bright	60.000	3	16Alp Boo	-0.050000	4250.0	120	37465	No
100	GOM_NL__2PRFIN20090430_100139_000000482078_00337_37465_1348.N1	30-APR-2009 10:01:39	Bright	48.000	83		2.3780	11000.	96	37465	No
101	GOM_NL__2PRFIN20090430_100439_000000432078_00337_37465_1349.N1	30-APR-2009 10:04:39	Bright	43.000	180	27Gam Boo	3.0400	8000.0	86	37465	No

102	GOM_NL__2PRFIN20090430_101414_000000452078_00337_37465_1350.N1	30-APR-2009 10:14:14	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	37465	No
103	GOM_NL__2PRFIN20090430_102430_000000412078_00337_37465_1351.N1	30-APR-2009 10:24:30	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	37465	No
104	GOM_NL__2PRFIN20090430_103546_000000442078_00337_37465_1352.N1	30-APR-2009 10:35:46	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	37465	No
105	GOM_NL__2PRFIN20090430_104425_000000672078_00337_37465_1353.N1	30-APR-2009 10:44:25	Dark	66.500	61	8Eps Peg	2.1000	3900.0	133	37465	No
106	GOM_NL__2PRFIN20090430_104651_000000532078_00337_37465_1354.N1	30-APR-2009 10:46:51	Dark	52.500	162	34Alp Aqr	2.9440	5350.0	105	37465	No
107	GOM_NL__2PRFIN20090430_105032_000000602078_00337_37465_1355.N1	30-APR-2009 10:50:32	Dark	59.500	154	22Bet Aqr	2.8990	5700.0	119	37465	No
108	GOM_NL__2PRFIN20090430_111336_000000642078_00338_37466_1354.N1	30-APR-2009 11:13:36	Straylight	64.000	40	The Sco	1.8590	7100.0	128	37466	No
109	GOM_NL__2PRFIN20090430_111521_000000592078_00338_37466_1355.N1	30-APR-2009 11:15:21	Straylight	59.000	25	35Lam Sco	1.6200	28000.	118	37466	No
110	GOM_NL__2PRFIN20090430_111830_000000632078_00338_37466_1356.N1	30-APR-2009 11:18:30	Straylight	62.500	75	26Eps Sco	2.2910	4250.0	125	37466	No
111	GOM_NL__2PRFIN20090430_112217_000000302078_00338_37466_1357.N1	30-APR-2009 11:22:17	Twi_and_stray	30.000	16	21Alp Sco	1.0200	3000.0	60	37466	No
112	GOM_NL__2PRFIN20090430_112433_000000602078_00338_37466_1358.N1	30-APR-2009 11:24:33	Twi_and_stray	60.000	80	7Del Sco	2.3160	30000.	120	37466	No
113	GOM_NL__2PRFIN20090430_112745_000000422078_00338_37466_1359.N1	30-APR-2009 11:27:45	Bright	41.500	122	9Alp2Lib	2.7470	9700.0	83	37466	No
114	GOM_NL__2PRFIN20090430_113004_000000492078_00338_37466_1360.N1	30-APR-2009 11:30:04	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	37466	No
115	GOM_NL__2PRFIN20090430_113901_000000422078_00338_37466_1361.N1	30-APR-2009 11:39:01	Bright	42.000	3	16Alp Boo	-0.050000	4250.0	84	37466	No
116	GOM_NL__2PRFIN20090430_114214_000000472078_00338_37466_1362.N1	30-APR-2009 11:42:14	Bright	46.500	83		2.3780	11000.	93	37466	No
117	GOM_NL__2PRFIN20090430_114514_000000412078_00338_37466_1363.N1	30-APR-2009 11:45:14	Bright	41.000	180	27Gam Boo	3.0400	8000.0	82	37466	No
118	GOM_NL__2PRFIN20090430_115449_000000482078_00338_37466_1364.N1	30-APR-2009 11:54:49	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	37466	No
119	GOM_NL__2PRFIN20090430_120505_000000412078_00338_37466_1365.N1	30-APR-2009 12:05:05	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	37466	No
120	GOM_NL__2PRFIN20090430_121622_000000422078_00338_37466_1366.N1	30-APR-2009 12:16:22	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	37466	No
121	GOM_NL__2PRFIN20090430_122502_000000682078_00338_37466_1367.N1	30-APR-2009 12:25:02	Dark	67.500	61	8Eps Peg	2.1000	3900.0	135	37466	No
122	GOM_NL__2PRFIN20090430_122728_000000552078_00338_37466_1368.N1	30-APR-2009 12:27:28	Dark	54.500	162	34Alp Aqr	2.9440	5350.0	109	37466	No
123	GOM_NL__2PRFIN20090430_123109_000000642078_00338_37466_1369.N1	30-APR-2009 12:31:09	Dark	64.000	154	22Bet Aqr	2.8990	5700.0	128	37466	No
124	GOM_NL__2PRFIN20090430_125413_000000622078_00339_37467_1368.N1	30-APR-2009 12:54:13	Straylight	61.500	40	The Sco	1.8590	7100.0	123	37467	No
125	GOM_NL__2PRFIN20090430_125558_000000642078_00339_37467_1369.N1	30-APR-2009 12:55:58	Straylight	63.500	25	35Lam Sco	1.6200	28000.	127	37467	No
126	GOM_NL__2PRFIN20090430_125907_000000582078_00339_37467_1370.N1	30-APR-2009 12:59:07	Straylight	58.000	75	26Eps Sco	2.2910	4250.0	116	37467	No
127	GOM_NL__2PRFIN20090430_130253_000000302078_00339_37467_1371.N1	30-APR-2009 13:02:53	Twi_and_stray	30.000	16	21Alp Sco	1.0200	3000.0	60	37467	No
128	GOM_NL__2PRFIN20090430_130510_000000612078_00339_37467_1372.N1	30-APR-2009 13:05:10	Twi_and_stray	61.000	80	7Del Sco	2.3160	30000.	122	37467	No
129	GOM_NL__2PRFIN20090430_130821_000000442078_00339_37467_1373.N1	30-APR-2009 13:08:21	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	37467	No
130	GOM_NL__2PRFIN20090430_131039_000000492078_00339_37467_1374.N1	30-APR-2009 13:10:39	Bright	48.500	104	27Bet Lib	2.6140	13100.	97	37467	No
131	GOM_NL__2PRFIN20090430_131937_000000602078_00339_37467_1375.N1	30-APR-2009 13:19:37	Bright	60.000	3	16Alp Boo	-0.050000	4250.0	120	37467	No
132	GOM_NL__2PRFIN20090430_132250_000000462078_00339_37467_1376.N1	30-APR-2009 13:22:50	Bright	46.000	83		2.3780	11000.	92	37467	No
133	GOM_NL__2PRFIN20090430_132550_000000402078_00339_37467_1377.N1	30-APR-2009 13:25:50	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	37467	No
134	GOM_NL__2PRFIN20090430_133525_000000452078_00339_37467_1378.N1	30-APR-2009 13:35:25	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	37467	No
135	GOM_NL__2PRFIN20090430_134541_000000412078_00339_37467_1379.N1	30-APR-2009 13:45:41	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	37467	No
136	GOM_NL__2PRFIN20090430_135659_000000432078_00339_37467_1380.N1	30-APR-2009 13:56:59	Bright	42.500	164	44Eta Peg	2.9480	5400.0	85	37467	No
137	GOM_NL__2PRFIN20090430_140539_000000652078_00339_37467_1381.N1	30-APR-2009 14:05:39	Dark	64.500	61	8Eps Peg	2.1000	3900.0	129	37467	No
138	GOM_NL__2PRFIN20090430_140805_000000512078_00339_37467_1382.N1	30-APR-2009 14:08:05	Dark	50.500	162	34Alp Aqr	2.9440	5350.0	101	37467	No
139	GOM_NL__2PRFIN20090430_141146_000000612078_00339_37467_1383.N1	30-APR-2009 14:11:46	Dark	61.000	154	22Bet Aqr	2.8990	5700.0	122	37467	No
140	GOM_NL__2PRFIN20090430_143450_000000452078_00340_37468_1378.N1	30-APR-2009 14:34:50	Straylight	45.000	40	The Sco	1.8590	7100.0	90	37468	No
141	GOM_NL__2PRFIN20090430_143634_000000622078_00340_37468_1379.N1	30-APR-2009 14:36:34	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	37468	No
142	GOM_NL__2PRFIN20090430_143943_000000602078_00340_37468_1380.N1	30-APR-2009 14:39:43	Straylight	59.500	75	26Eps Sco	2.2910	4250.0	119	37468	No
143	GOM_NL__2PRFIN20090430_144330_000000342078_00340_37468_1381.N1	30-APR-2009 14:43:30	Twi_and_stray	34.000	16	21Alp Sco	1.0200	3000.0	68	37468	No
144	GOM_NL__2PRFIN20090430_144546_000000642078_00340_37468_1382.N1	30-APR-2009 14:45:46	Twi_and_stray	64.000	80	7Del Sco	2.3160	30000.	128	37468	No
145	GOM_NL__2PRFIN20090430_144857_000000442078_00340_37468_1383.N1	30-APR-2009 14:48:57	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	37468	No
146	GOM_NL__2PRFIN20090430_145115_000000502078_00340_37468_1384.N1	30-APR-2009 14:51:15	Bright	49.500	104	27Bet Lib	2.6140	13100.	99	37468	No
147	GOM_NL__2PRFIN20090430_150012_000000602078_00340_37468_1385.N1	30-APR-2009 15:00:12	Bright	60.000	3	16Alp Boo	-0.050000	4250.0	120	37468	No
148	GOM_NL__2PRFIN20090430_150325_000000432078_00340_37468_1386.N1	30-APR-2009 15:03:25	Bright	43.000	83		2.3780	11000.	86	37468	No
149	GOM_NL__2PRFIN20090430_150625_000000392078_00340_37468_1387.N1	30-APR-2009 15:06:25	Bright	39.000	180	27Gam Boo	3.0400	8000.0	78	37468	No
150	GOM_NL__2PRFIN20090430_151600_000000442078_00340_37468_1388.N1	30-APR-2009 15:16:00	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37468	No
151	GOM_NL__2PRFIN20090430_152617_000000422078_00340_37468_1389.N1	30-APR-2009 15:26:17	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	37468	No
152	GOM_NL__2PRFIN20090430_153735_000000442078_00340_37468_1390.N1	30-APR-2009 15:37:35	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	37468	No
153	GOM_NL__2PRFIN20090430_154616_000000642078_00340_37468_1391.N1	30-APR-2009 15:46:16	Dark	63.500	61	8Eps Peg	2.1000	3900.0	127	37468	No
154	GOM_NL__2PRFIN20090430_154842_000000532078_00340_37468_1392.N1	30-APR-2009 15:48:42	Dark	52.500	162	34Alp Aqr	2.9440	5350.0	105	37468	No
155	GOM_NL__2PRFIN20090430_155223_000000622078_00340_37468_1393.N1	30-APR-2009 15:52:23	Dark	62.000	154	22Bet Aqr	2.8990	5700.0	124	37468	No
156	GOM_NL__2PRFIN20090430_161527_000000512078_00341_37469_1392.N1	30-APR-2009 16:15:27	Straylight	51.000	40	The Sco	1.8590	7100.0	102	37469	No
157	GOM_NL__2PRFIN20090430_161711_000000602078_00341_37469_1393.N1	30-APR-2009 16:17:11	Straylight	59.500	25	35Lam Sco	1.6200	28000.	119	37469	No
158	GOM_NL__2PRFIN20090430_162020_000000622078_00341_37469_1394.N1	30-APR-2009 16:20:20	Straylight	62.000	75	26Eps Sco	2.2910	4250.0	124	37469	No
159	GOM_NL__2PRFIN20090430_162406_000000342078_00341_37469_1395.N1	30-APR-2009 16:24:06	Twi_and_stray	34.000	16	21Alp Sco	1.0200	3000.0	68	37469	No
160	GOM_NL__2PRFIN20090430_162622_000000632078_00341_37469_1396.N1	30-APR-2009 16:26:22	Twi_and_stray	62.500	80	7Del Sco	2.3160	30000.	125	37469	No

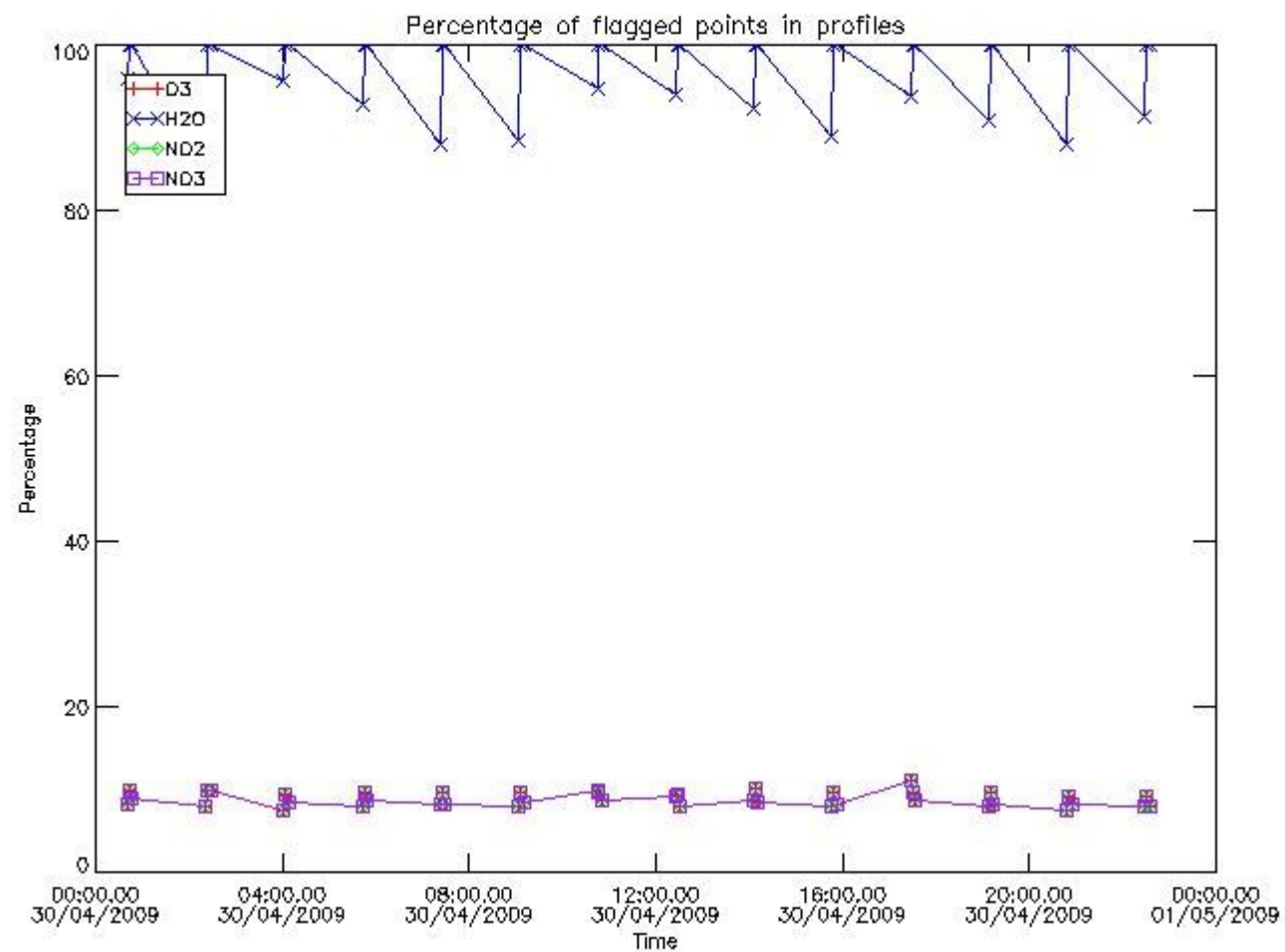
161	GOM_NL__2PRFIN20090430_162933_000000432078_00341_37469_1397.N1	30-APR-2009 16:29:33	Bright	42.500	122	9Alp2Lib	2.7470	9700.0	85	37469	No
162	GOM_NL__2PRFIN20090430_163151_000000492078_00341_37469_1398.N1	30-APR-2009 16:31:51	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	37469	No
163	GOM_NL__2PRFIN20090430_164048_000000402078_00341_37469_1399.N1	30-APR-2009 16:40:48	Bright	40.000	3	16Alp Boo	-0.050000	4250.0	80	37469	No
164	GOM_NL__2PRFIN20090430_164401_000000442078_00341_37469_1400.N1	30-APR-2009 16:44:01	Bright	44.000	83		2.3780	11000.	88	37469	No
165	GOM_NL__2PRFIN20090430_164700_000000422078_00341_37469_1401.N1	30-APR-2009 16:47:00	Bright	42.000	180	27Gam Boo	3.0400	8000.0	84	37469	No
166	GOM_NL__2PRFIN20090430_165635_000000412078_00341_37469_1402.N1	30-APR-2009 16:56:35	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37469	No
167	GOM_NL__2PRFIN20090430_170652_000000422078_00341_37469_1403.N1	30-APR-2009 17:06:52	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	37469	No
168	GOM_NL__2PRFIN20090430_171811_000000422078_00341_37469_1404.N1	30-APR-2009 17:18:11	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	37469	No
169	GOM_NL__2PRFIN20090430_172652_000000732078_00341_37469_1405.N1	30-APR-2009 17:26:52	Dark	72.500	61	8Eps Peg	2.1000	3900.0	145	37469	No
170	GOM_NL__2PRFIN20090430_172918_000000542078_00341_37469_1406.N1	30-APR-2009 17:29:18	Dark	53.500	162	34Alp Aqr	2.9440	5350.0	107	37469	No
171	GOM_NL__2PRFIN20090430_173300_000000592078_00341_37469_1407.N1	30-APR-2009 17:33:00	Dark	59.000	154	22Bet Aqr	2.8990	5700.0	118	37469	No
172	GOM_NL__2PRFIN20090430_175604_000000562078_00342_37470_1414.N1	30-APR-2009 17:56:04	Straylight	56.000	40	The Sco	1.8590	7100.0	112	37470	No
173	GOM_NL__2PRFIN20090430_175749_000000632078_00342_37470_1415.N1	30-APR-2009 17:57:49	Straylight	63.000	25	35Lam Sco	1.6200	28000.	126	37470	No
174	GOM_NL__2PRFIN20090430_180057_000000612078_00342_37470_1416.N1	30-APR-2009 18:00:57	Straylight	61.000	75	26Eps Sco	2.2910	4250.0	122	37470	No
175	GOM_NL__2PRFIN20090430_180443_000000382078_00342_37470_1417.N1	30-APR-2009 18:04:43	Tw_i_and_stray	38.000	16	21Alp Sco	1.0200	3000.0	76	37470	No
176	GOM_NL__2PRFIN20090430_180658_000000662078_00342_37470_1418.N1	30-APR-2009 18:06:58	Tw_i_and_stray	65.500	80	7Del Sco	2.3160	30000.	131	37470	No
177	GOM_NL__2PRFIN20090430_181009_000000442078_00342_37470_1419.N1	30-APR-2009 18:10:09	Bright	44.000	122	9Alp2Lib	2.7470	9700.0	88	37470	No
178	GOM_NL__2PRFIN20090430_181227_000000502078_00342_37470_1420.N1	30-APR-2009 18:12:27	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	37470	No
179	GOM_NL__2PRFIN20090430_182124_000000602078_00342_37470_1421.N1	30-APR-2009 18:21:24	Bright	60.000	3	16Alp Boo	-0.050000	4250.0	120	37470	No
180	GOM_NL__2PRFIN20090430_182436_000000462078_00342_37470_1422.N1	30-APR-2009 18:24:36	Bright	46.000	83		2.3780	11000.	92	37470	No
181	GOM_NL__2PRFIN20090430_182736_000000412078_00342_37470_1423.N1	30-APR-2009 18:27:36	Bright	40.500	180	27Gam Boo	3.0400	8000.0	81	37470	No
182	GOM_NL__2PRFIN20090430_183711_000000442078_00342_37470_1424.N1	30-APR-2009 18:37:11	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	37470	No
183	GOM_NL__2PRFIN20090430_184728_000000592078_00342_37470_1425.N1	30-APR-2009 18:47:28	Bright	59.000	89	5Alp Cep	2.4510	8000.0	118	37470	No
184	GOM_NL__2PRFIN20090430_185847_000000462078_00342_37470_1426.N1	30-APR-2009 18:58:47	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	37470	No
185	GOM_NL__2PRFIN20090430_190729_000000712078_00342_37470_1427.N1	30-APR-2009 19:07:29	Dark	70.500	61	8Eps Peg	2.1000	3900.0	141	37470	No
186	GOM_NL__2PRFIN20090430_190955_000000582078_00342_37470_1428.N1	30-APR-2009 19:09:55	Dark	58.000	162	34Alp Aqr	2.9440	5350.0	116	37470	No
187	GOM_NL__2PRFIN20090430_191337_000000622078_00342_37470_1429.N1	30-APR-2009 19:13:37	Dark	61.500	154	22Bet Aqr	2.8990	5700.0	123	37470	No
188	GOM_NL__2PRFIN20090430_193641_000000512078_00343_37471_1451.N1	30-APR-2009 19:36:41	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37471	No
189	GOM_NL__2PRFIN20090430_193826_000000622078_00343_37471_1452.N1	30-APR-2009 19:38:26	Straylight	62.000	25	35Lam Sco	1.6200	28000.	124	37471	No
190	GOM_NL__2PRFIN20090430_194133_000000622078_00343_37471_1453.N1	30-APR-2009 19:41:33	Straylight	61.500	75	26Eps Sco	2.2910	4250.0	123	37471	No
191	GOM_NL__2PRFIN20090430_194519_000000382078_00343_37471_1454.N1	30-APR-2009 19:45:19	Tw_i_and_stray	38.000	16	21Alp Sco	1.0200	3000.0	76	37471	No
192	GOM_NL__2PRFIN20090430_194734_000000662078_00343_37471_1455.N1	30-APR-2009 19:47:34	Tw_i_and_stray	65.500	80	7Del Sco	2.3160	30000.	131	37471	No
193	GOM_NL__2PRFIN20090430_195045_000000472078_00343_37471_1456.N1	30-APR-2009 19:50:45	Bright	46.500	122	9Alp2Lib	2.7470	9700.0	93	37471	No
194	GOM_NL__2PRFIN20090430_195303_000000502078_00343_37471_1457.N1	30-APR-2009 19:53:03	Bright	50.000	104	27Bet Lib	2.6140	13100.	100	37471	No
195	GOM_NL__2PRFIN20090430_200200_000000602078_00343_37471_1458.N1	30-APR-2009 20:02:00	Bright	60.000	3	16Alp Boo	-0.050000	4250.0	120	37471	No
196	GOM_NL__2PRFIN20090430_200511_000000442078_00343_37471_1459.N1	30-APR-2009 20:05:11	Bright	43.500	83		2.3780	11000.	87	37471	No
197	GOM_NL__2PRFIN20090430_200812_000000422078_00343_37471_1460.N1	30-APR-2009 20:08:12	Bright	41.500	180	27Gam Boo	3.0400	8000.0	83	37471	No
198	GOM_NL__2PRFIN20090430_201746_000000442078_00343_37471_1461.N1	30-APR-2009 20:17:46	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	37471	No
199	GOM_NL__2PRFIN20090430_202804_000000612078_00343_37471_1462.N1	30-APR-2009 20:28:04	Bright	61.000	89	5Alp Cep	2.4510	8000.0	122	37471	No
200	GOM_NL__2PRFIN20090430_203923_000000462078_00343_37471_1463.N1	30-APR-2009 20:39:23	Bright	45.500	164	44Eta Peg	2.9480	5400.0	91	37471	No
201	GOM_NL__2PRFIN20090430_204806_000000682078_00343_37471_1464.N1	30-APR-2009 20:48:06	Dark	67.500	61	8Eps Peg	2.1000	3900.0	135	37471	No
202	GOM_NL__2PRFIN20090430_205032_000000562078_00343_37471_1465.N1	30-APR-2009 20:50:32	Dark	55.500	162	34Alp Aqr	2.9440	5350.0	111	37471	No
203	GOM_NL__2PRFIN20090430_205415_000000632078_00343_37471_1466.N1	30-APR-2009 20:54:15	Dark	63.000	154	22Bet Aqr	2.8990	5700.0	126	37471	No
204	GOM_NL__2PRFIN20090430_211717_000000502078_00344_37472_1466.N1	30-APR-2009 21:17:17	Straylight	49.500	40	The Sco	1.8590	7100.0	99	37472	No
205	GOM_NL__2PRFIN20090430_211902_000000562078_00344_37472_1467.N1	30-APR-2009 21:19:02	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	37472	No
206	GOM_NL__2PRFIN20090430_212210_000000642078_00344_37472_1468.N1	30-APR-2009 21:22:10	Straylight	63.500	75	26Eps Sco	2.2910	4250.0	127	37472	No
207	GOM_NL__2PRFIN20090430_212556_000000422078_00344_37472_1469.N1	30-APR-2009 21:25:56	Tw_i_and_stray	42.000	16	21Alp Sco	1.0200	3000.0	84	37472	No
208	GOM_NL__2PRFIN20090430_212811_000000632078_00344_37472_1470.N1	30-APR-2009 21:28:11	Tw_i_and_stray	62.500	80	7Del Sco	2.3160	30000.	125	37472	No
209	GOM_NL__2PRFIN20090430_213121_000000442078_00344_37472_1471.N1	30-APR-2009 21:31:21	Bright	43.500	122	9Alp2Lib	2.7470	9700.0	87	37472	No
210	GOM_NL__2PRFIN20090430_213339_000000492078_00344_37472_1472.N1	30-APR-2009 21:33:39	Bright	49.000	104	27Bet Lib	2.6140	13100.	98	37472	No
211	GOM_NL__2PRFIN20090430_214235_000000522078_00344_37472_1473.N1	30-APR-2009 21:42:35	Bright	52.000	3	16Alp Boo	-0.050000	4250.0	104	37472	No
212	GOM_NL__2PRFIN20090430_214547_000000472078_00344_37472_1474.N1	30-APR-2009 21:45:47	Bright	46.500	83		2.3780	11000.	93	37472	No
213	GOM_NL__2PRFIN20090430_214847_000000402078_00344_37472_1475.N1	30-APR-2009 21:48:47	Bright	40.000	180	27Gam Boo	3.0400	8000.0	80	37472	No
214	GOM_NL__2PRFIN20090430_215821_000000452078_00344_37472_1476.N1	30-APR-2009 21:58:21	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	37472	No
215	GOM_NL__2PRFIN20090430_220839_000000402078_00344_37472_1477.N1	30-APR-2009 22:08:39	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	37472	No
216	GOM_NL__2PRFIN20090430_221959_000000442078_00344_37472_1478.N1	30-APR-2009 22:19:59	Bright	43.500	164	44Eta Peg	2.9480	5400.0	87	37472	No
217	GOM_NL__2PRFIN20090430_222843_000000702078_00344_37472_1479.N1	30-APR-2009 22:28:43	Dark	69.500	61	8Eps Peg	2.1000	3900.0	139	37472	No
218	GOM_NL__2PRFIN20090430_223109_000000562078_00344_37472_1480.N1	30-APR-2009 22:31:09	Dark	55.500	162	34Alp Aqr	2.9440	5350.0	111	37472	No
219	GOM_NL__2PRFIN20090430_223452_000000642078_00344_37472_1481.N1	30-APR-2009 22:34:52	Dark	63.500	154	22Bet Aqr	2.8990	5700.0	127	37472	No

220	GOM_NL__2PRFIN20090430_225754_000000552078_00345_37473_1479.N1	30-APR-2009 22:57:54	Straylight	55.000	40	The Sco	1.8590	7100.0	110	37473	No
221	GOM_NL__2PRFIN20090430_225939_000000622078_00345_37473_1480.N1	30-APR-2009 22:59:39	Straylight	61.500	25	35Lam Sco	1.6200	28000.	123	37473	No
222	GOM_NL__2PRFIN20090430_230247_000000552078_00345_37473_1481.N1	30-APR-2009 23:02:47	Straylight	55.000	75	26Eps Sco	2.2910	4250.0	110	37473	No
223	GOM_NL__2PRFIN20090430_230632_000000422078_00345_37473_1482.N1	30-APR-2009 23:06:32	Twilight_stray	42.000	16	21Alp Sco	1.0200	3000.0	84	37473	No
224	GOM_NL__2PRFIN20090430_230847_000000592078_00345_37473_1483.N1	30-APR-2009 23:08:47	Twilight_stray	59.000	80	7Del Sco	2.3160	30000.	118	37473	No
225	GOM_NL__2PRFIN20090430_231157_000000602078_00345_37473_1484.N1	30-APR-2009 23:11:57	Bright	60.000	122	9Alp2Lib	2.7470	9700.0	120	37473	No
226	GOM_NL__2PRFIN20090430_231415_000000472078_00345_37473_1485.N1	30-APR-2009 23:14:15	Bright	47.000	104	27Bet Lib	2.6140	13100.	94	37473	No
227	GOM_NL__2PRFIN20090430_232311_000000602078_00345_37473_1486.N1	30-APR-2009 23:23:11	Bright	60.000	3	16Alp Boo	-0.050000	4250.0	120	37473	No
228	GOM_NL__2PRFIN20090430_232622_000000442078_00345_37473_1487.N1	30-APR-2009 23:26:22	Bright	43.500	83		2.3780	11000.	87	37473	No
229	GOM_NL__2PRFIN20090430_232922_000000402078_00345_37473_1488.N1	30-APR-2009 23:29:22	Bright	39.500	180	27Gam Boo	3.0400	8000.0	79	37473	No
230	GOM_NL__2PRFIN20090430_233856_000000452078_00345_37473_1489.N1	30-APR-2009 23:38:56	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	37473	No
231	GOM_NL__2PRFIN20090430_234915_000000412078_00345_37473_1490.N1	30-APR-2009 23:49:15	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	37473	No

3. Quality information per product

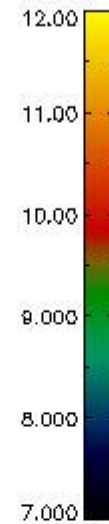
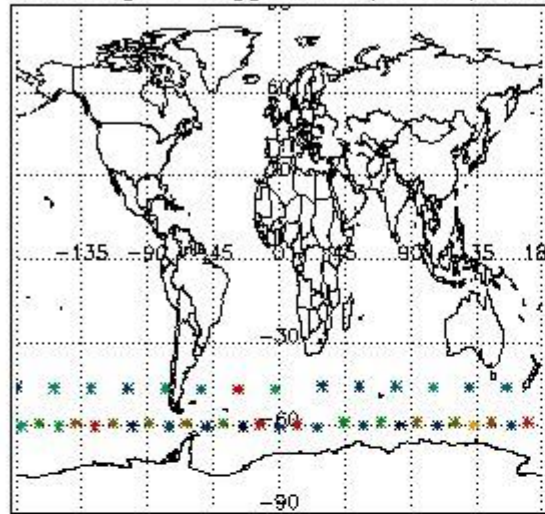
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

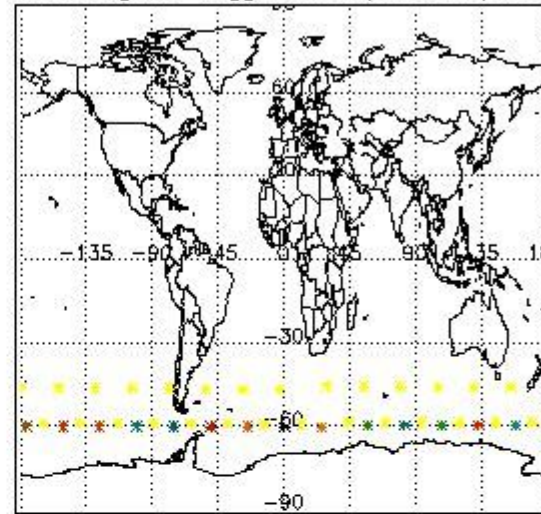


3.2 Plot quality information per product (world map)

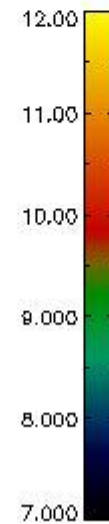
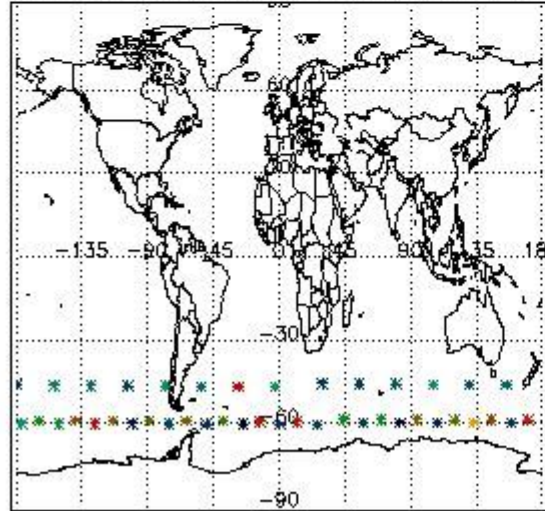
Percentage of flagged data per O3 profile



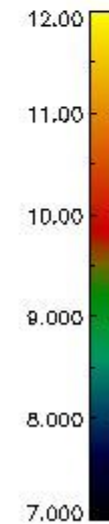
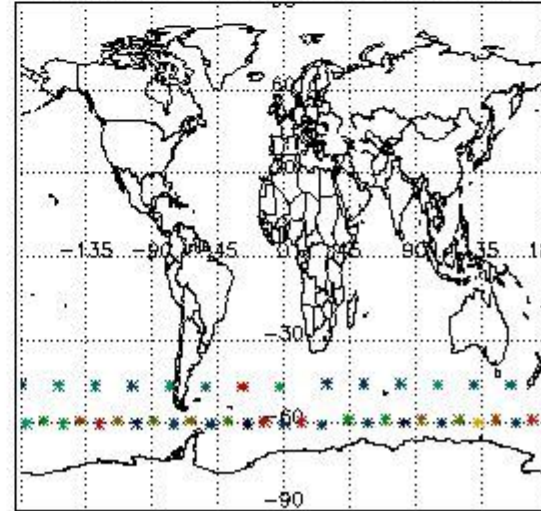
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

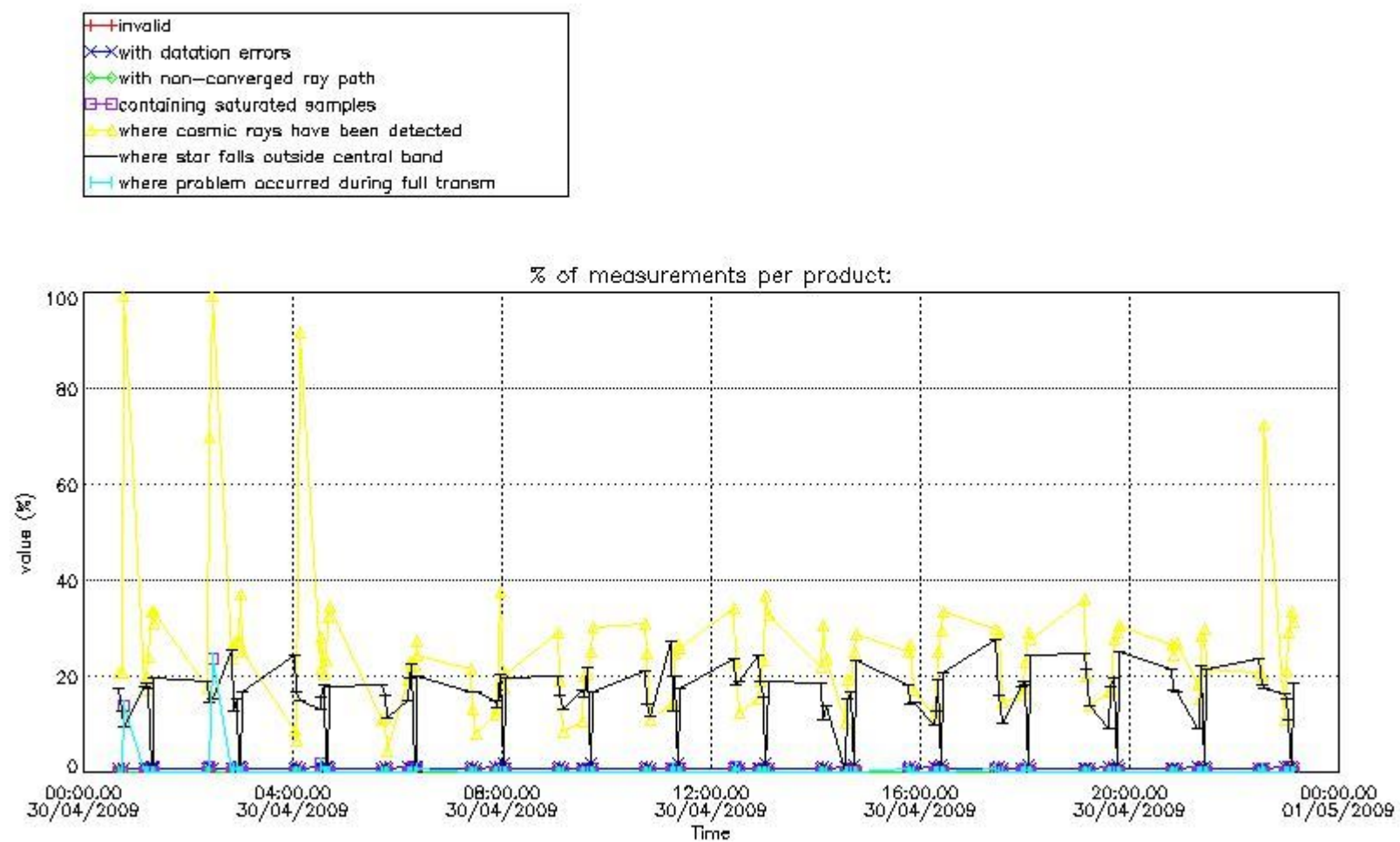


4. Level 1 quality information per product

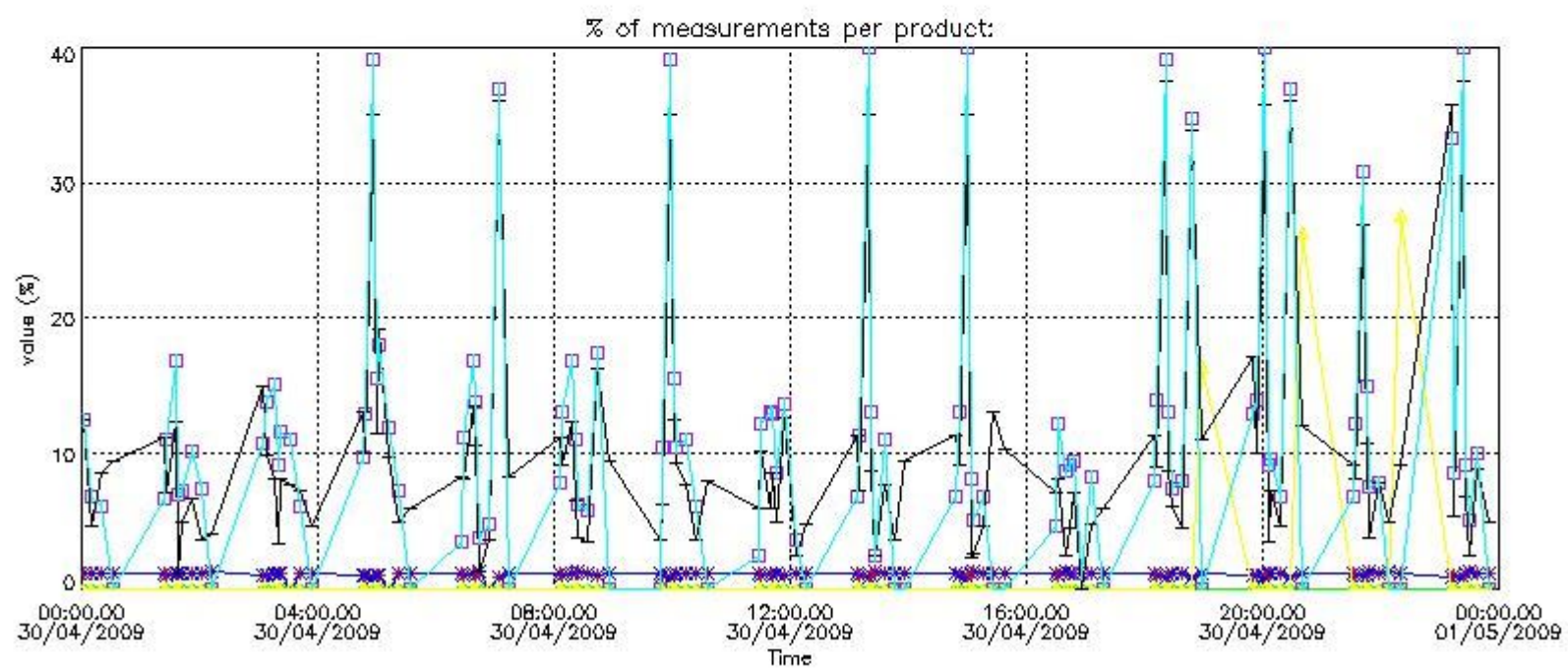
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

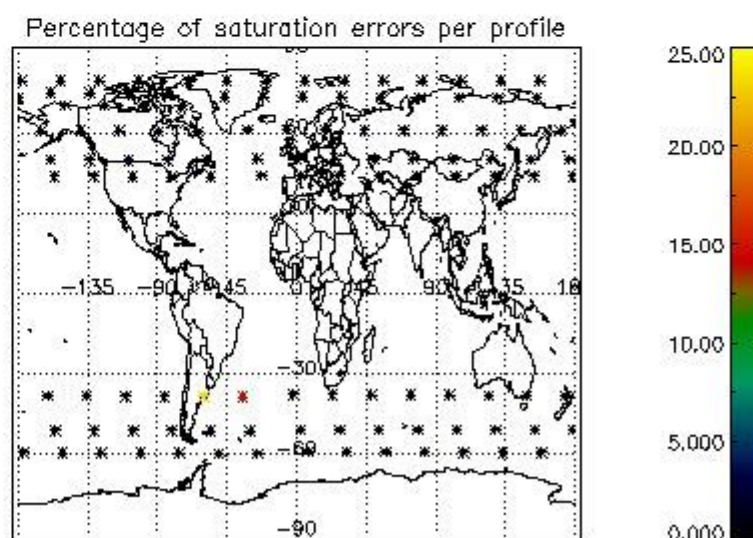
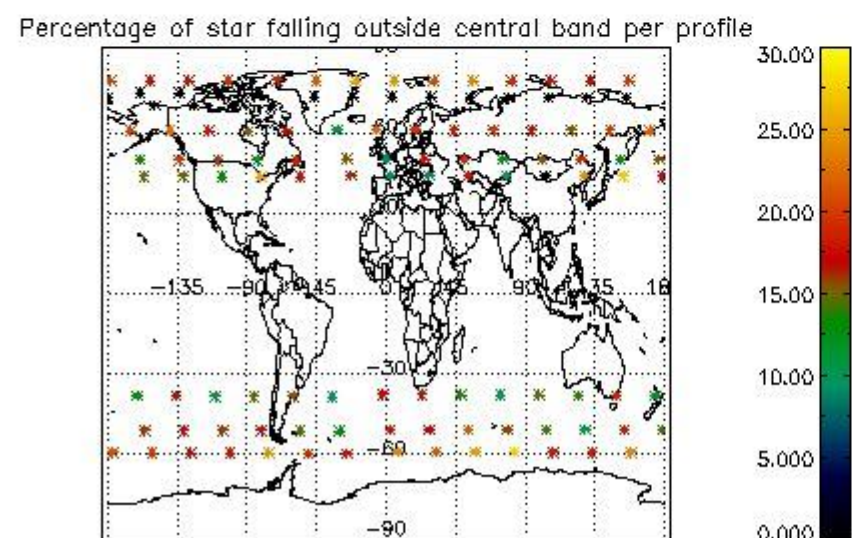
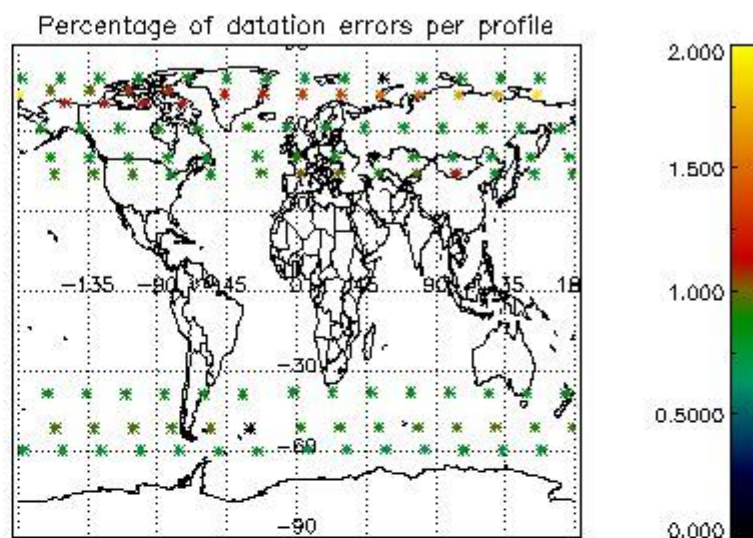
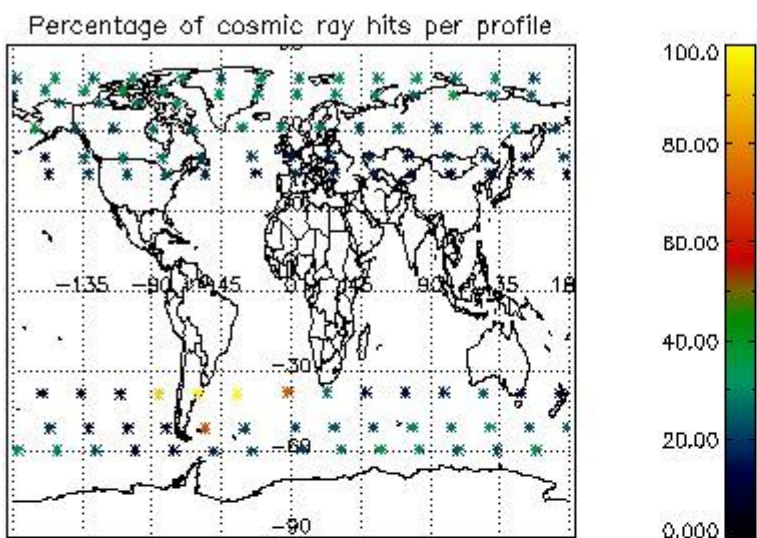


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

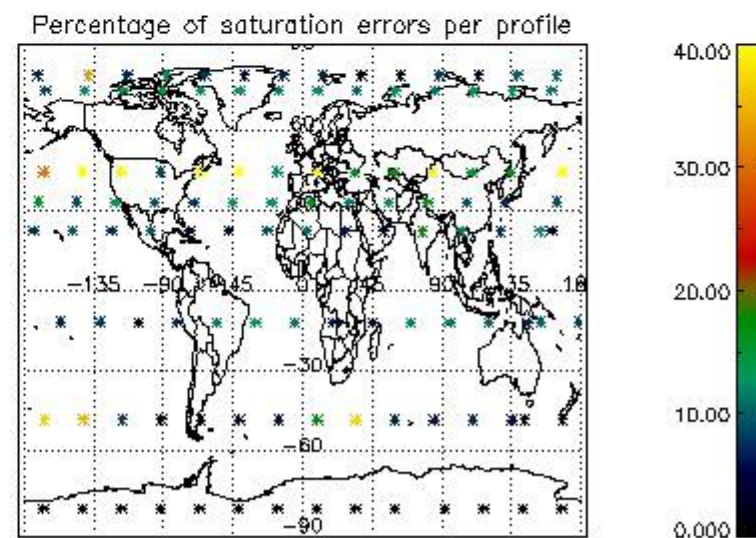
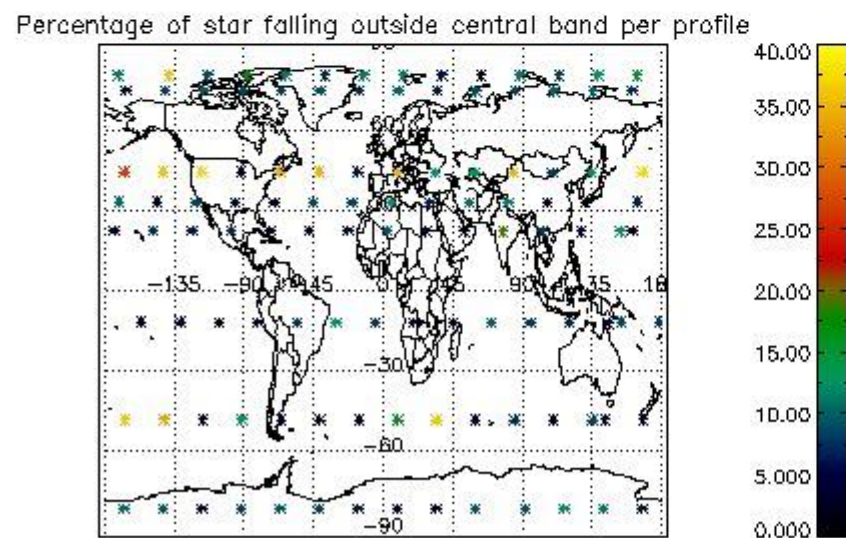
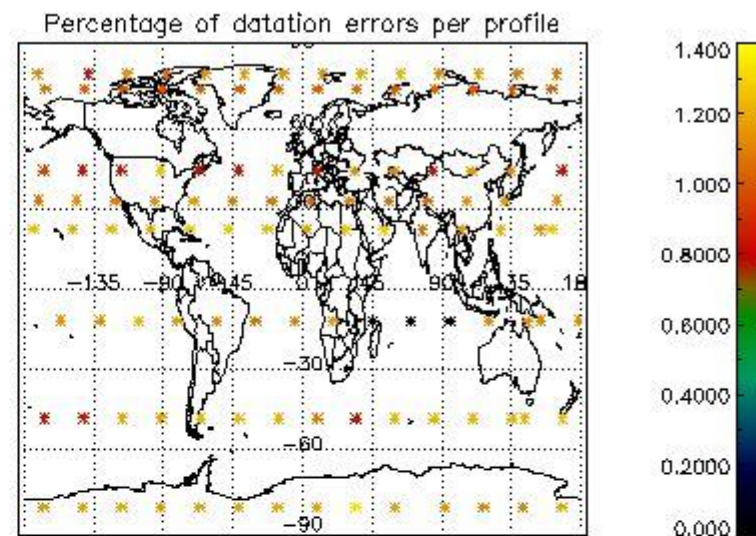
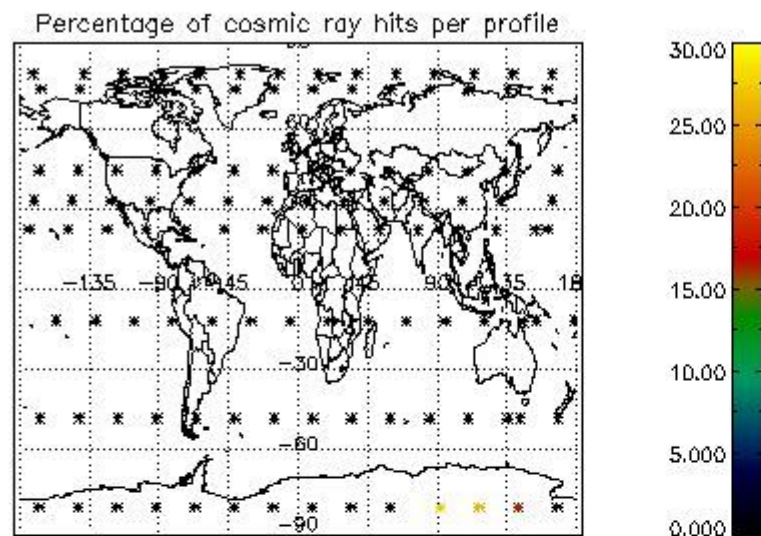


4.2 Plot quality information per product coming from level 1b processing (world map)

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

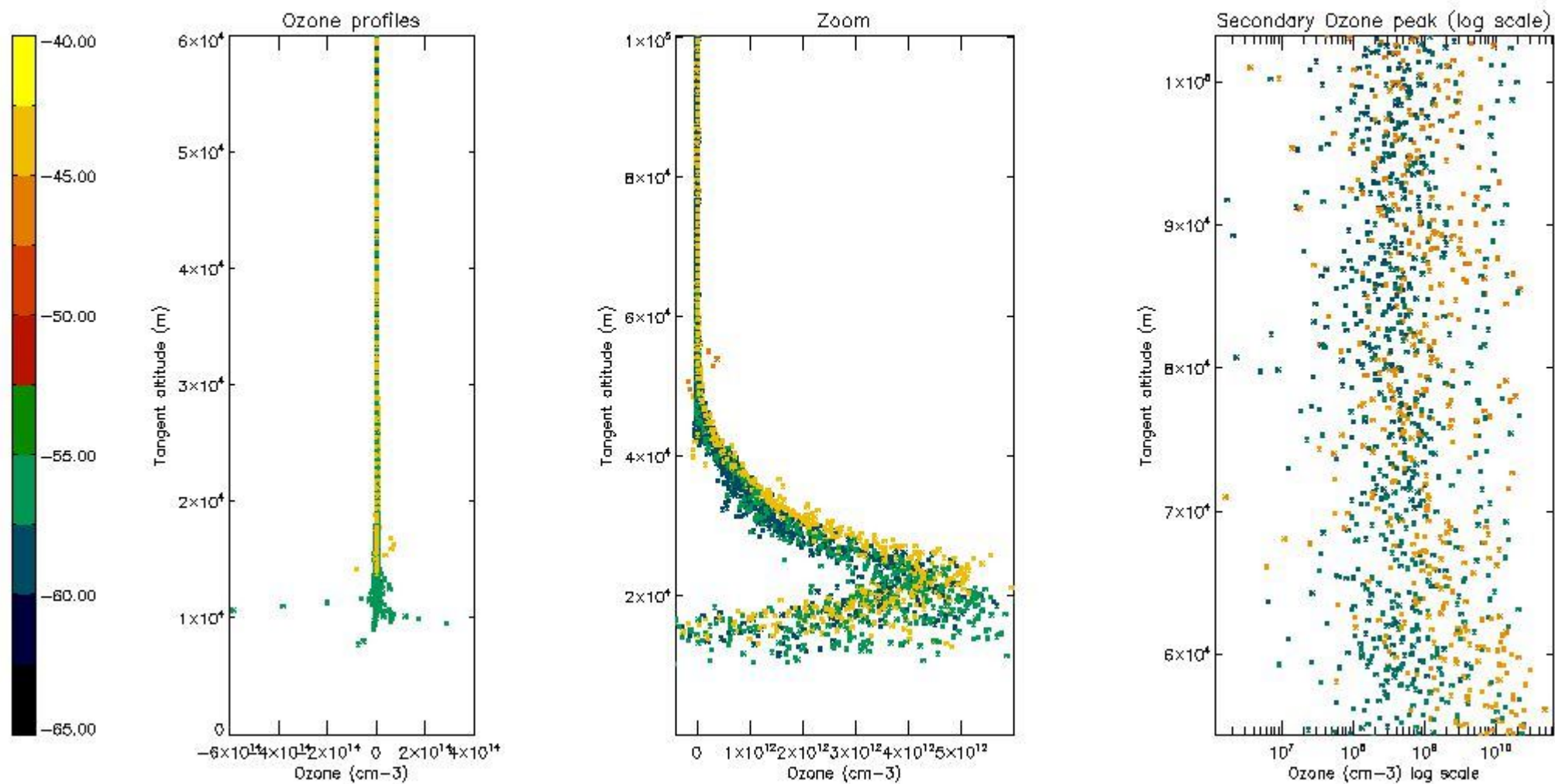
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	5

STD < 10	2
STD < 5	0

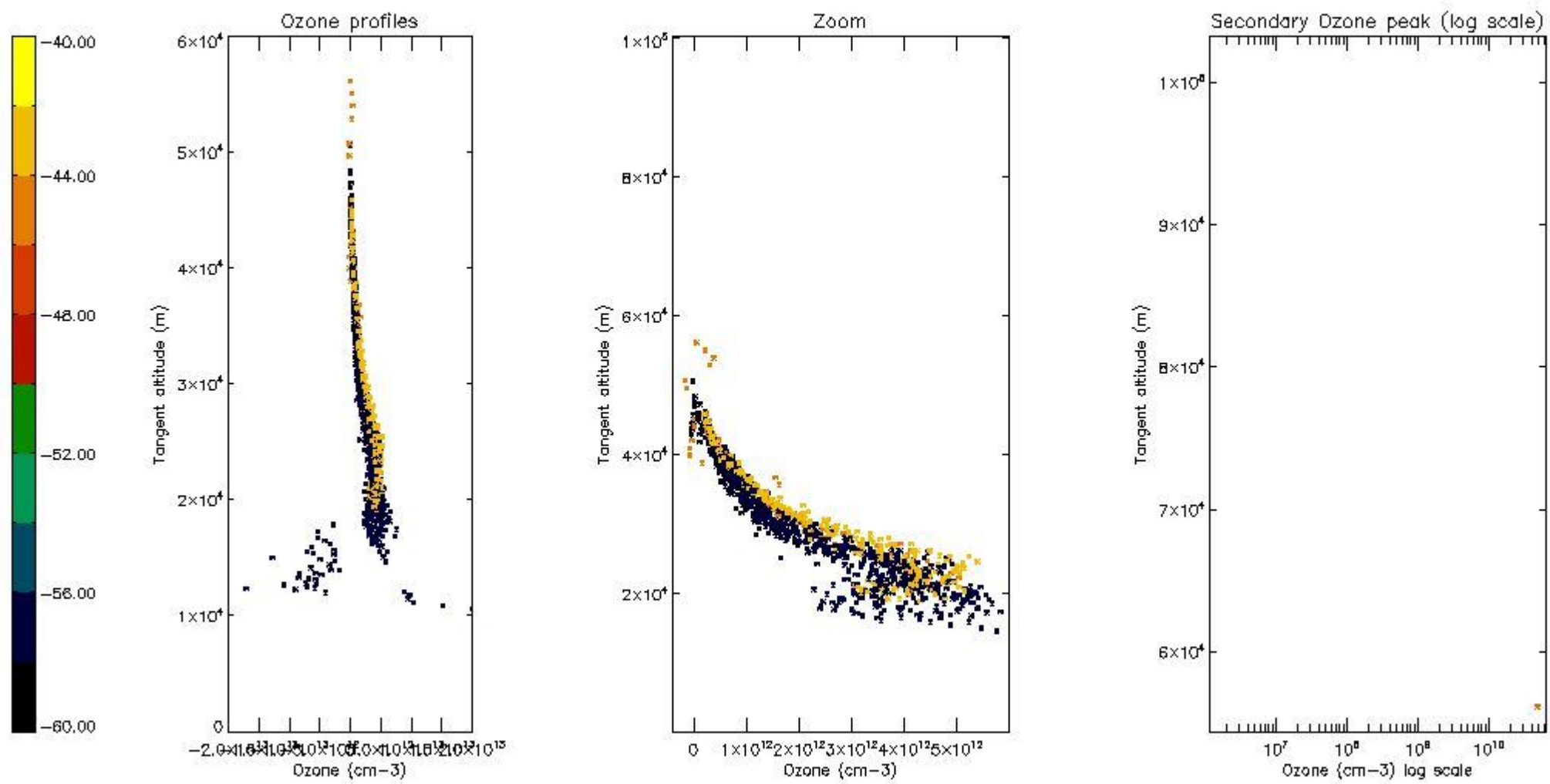
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



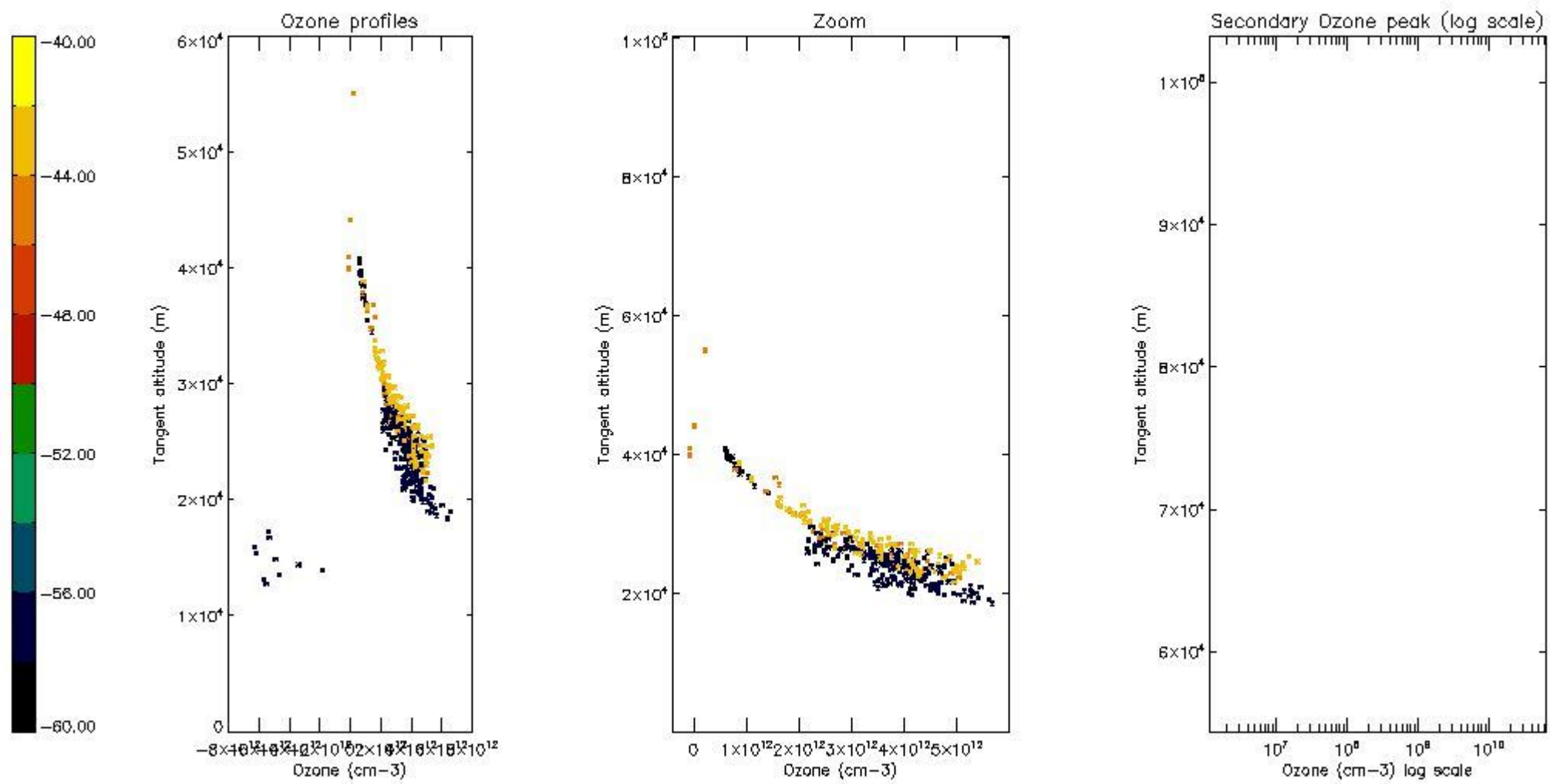
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



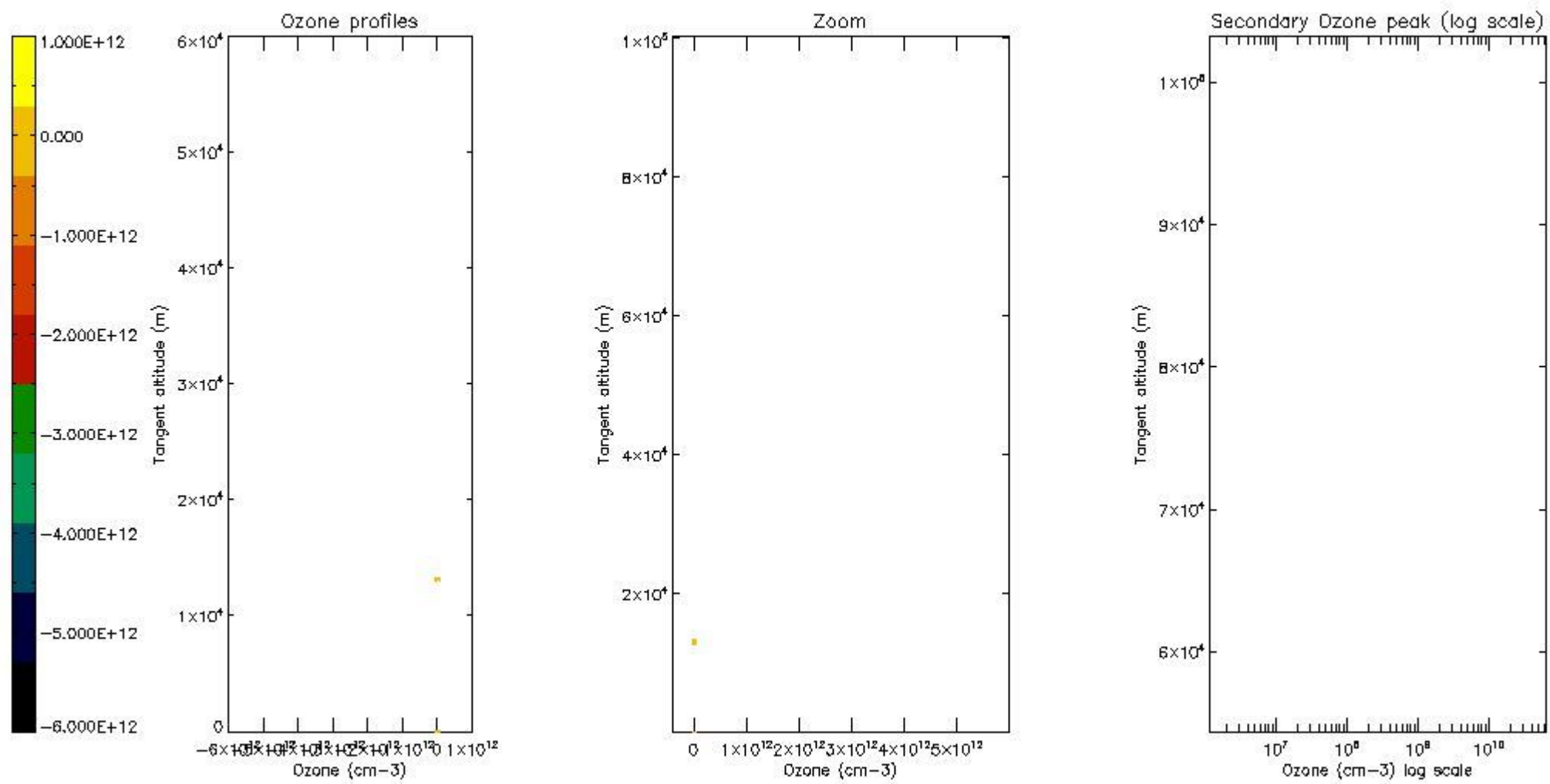
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



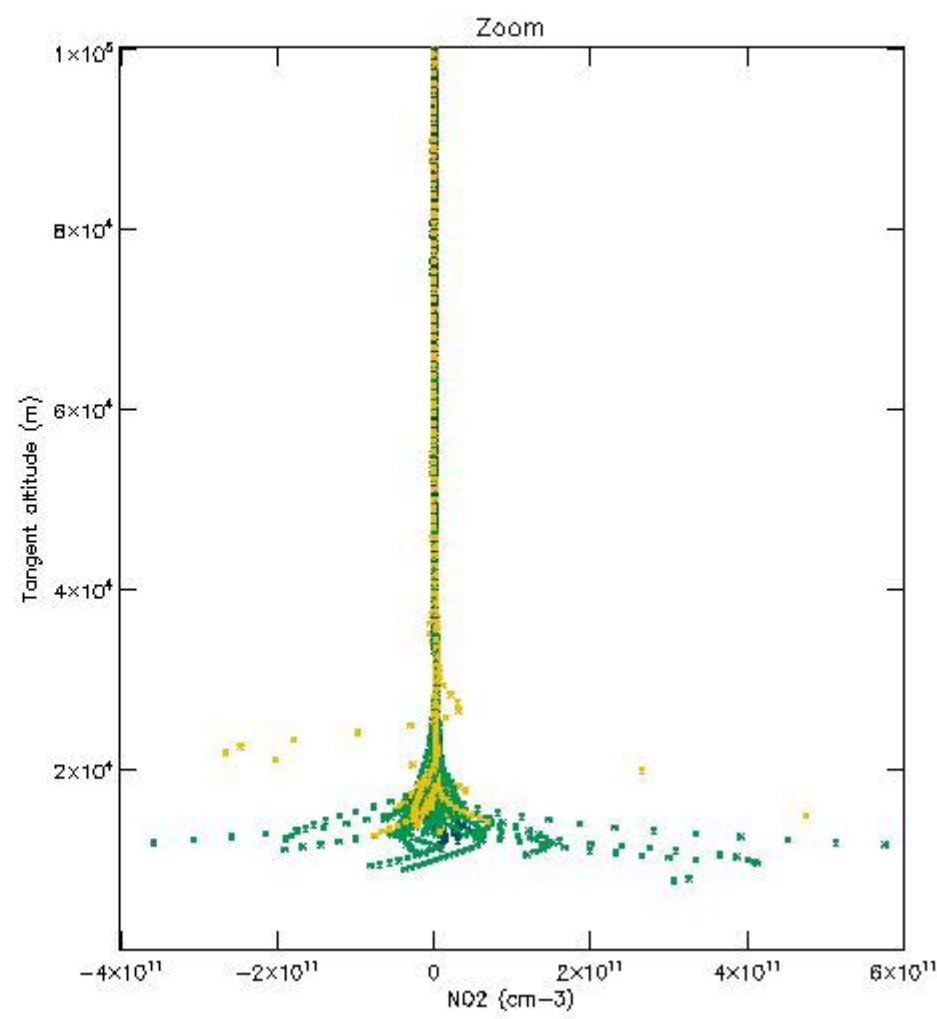
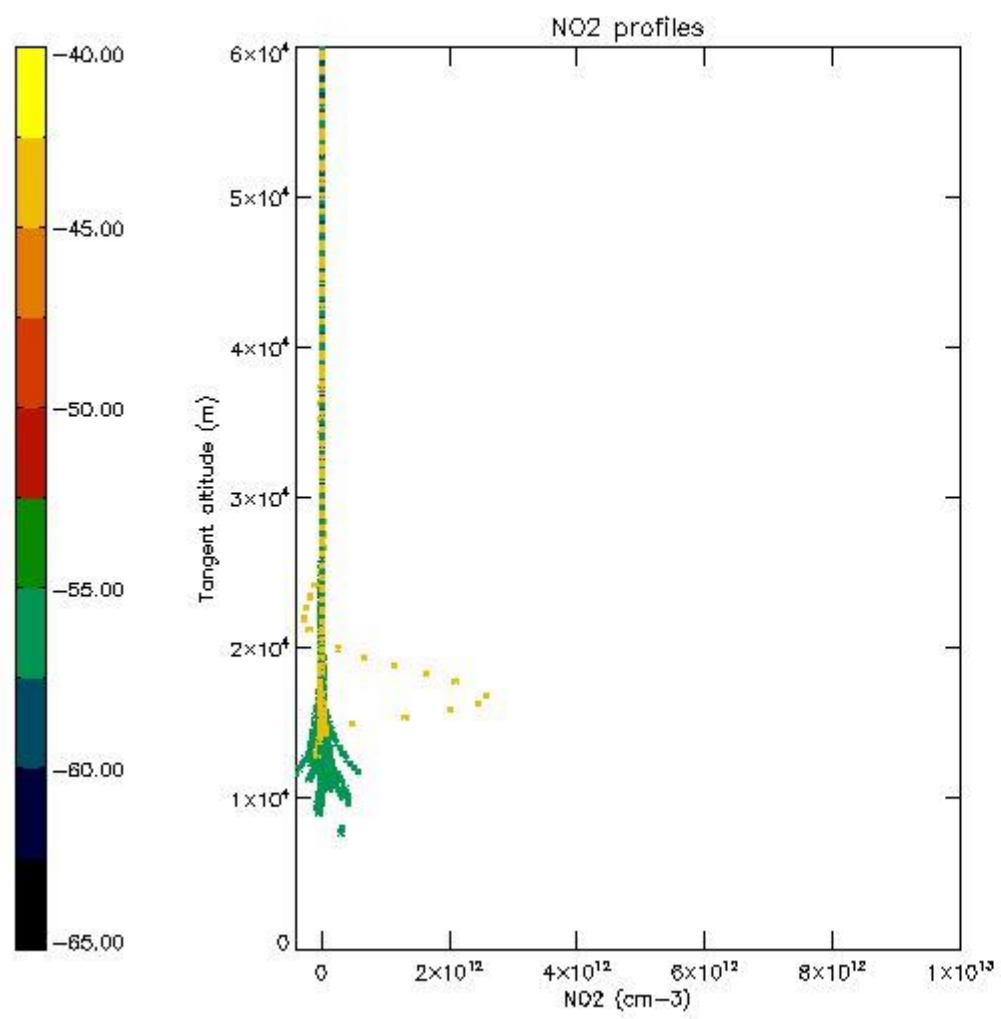
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



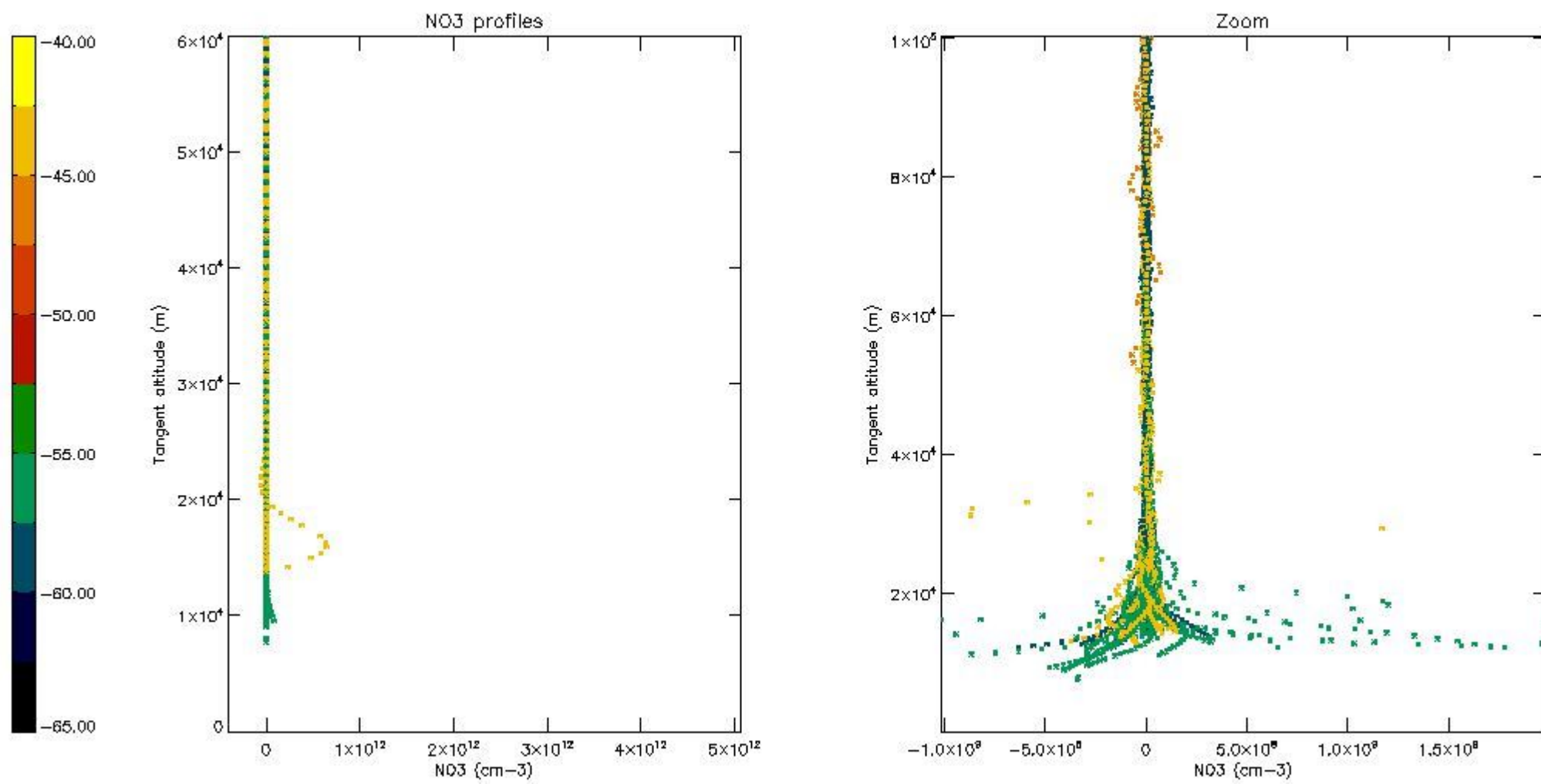
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



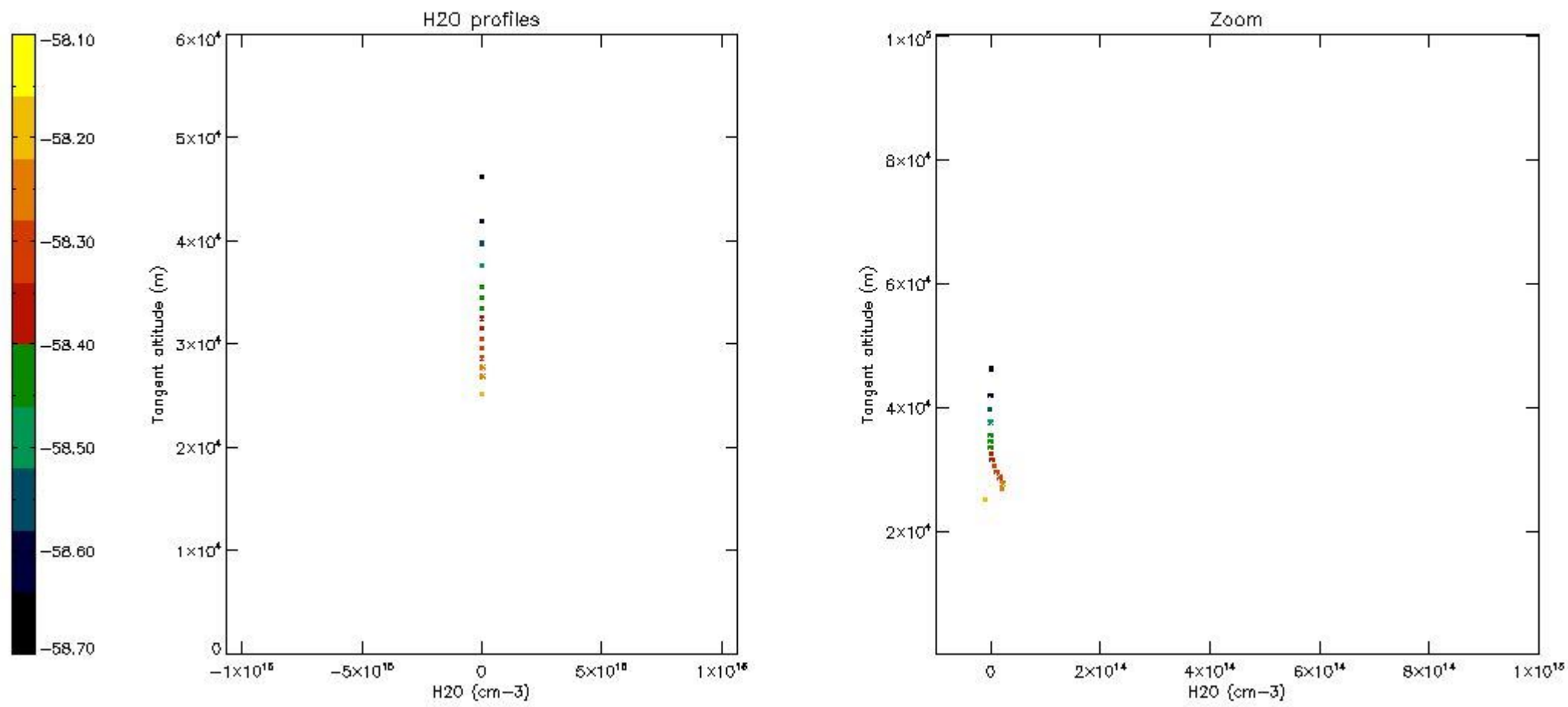
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

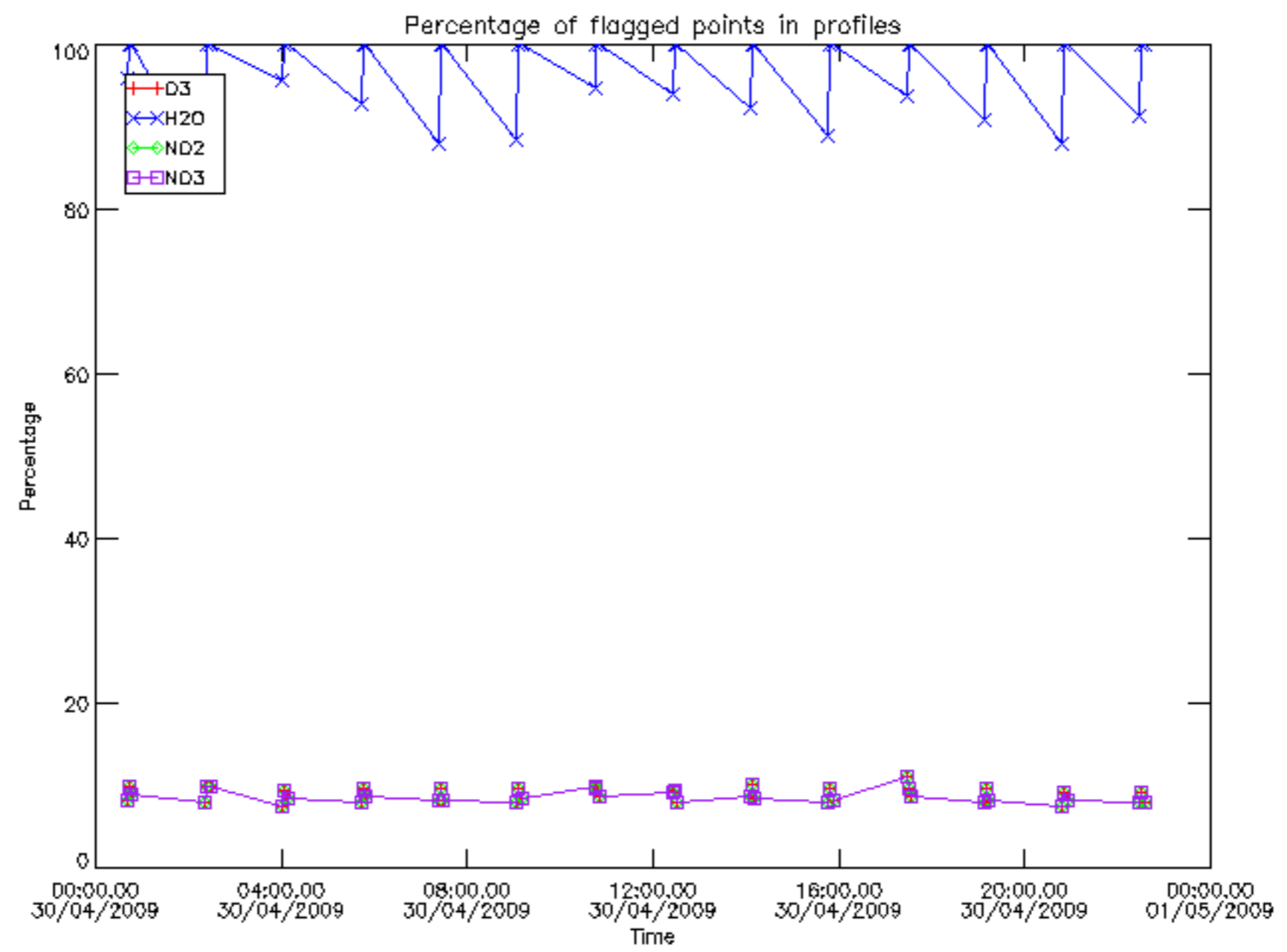
The colorbar represents the latitude.



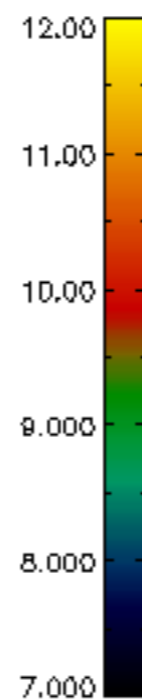
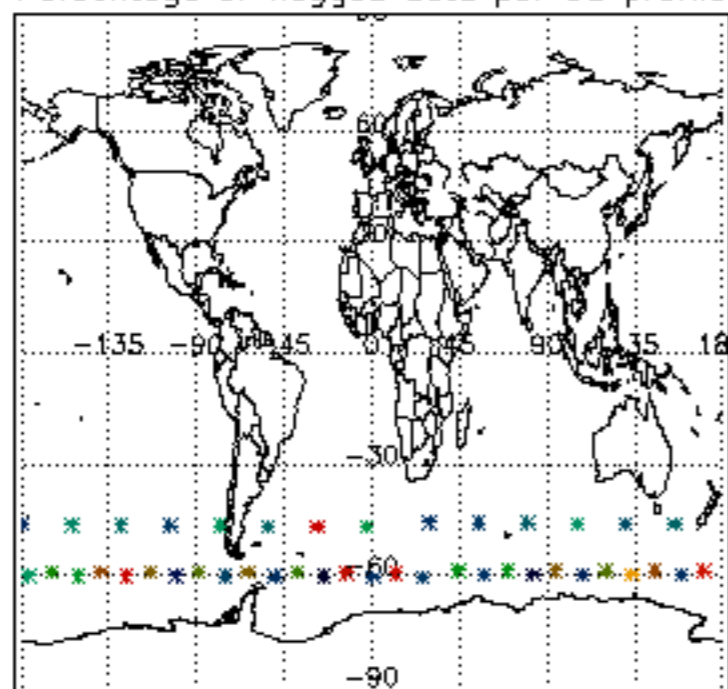
6. Auxiliary Data Files used for the production reported in section 2

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.

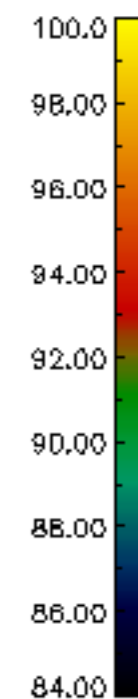
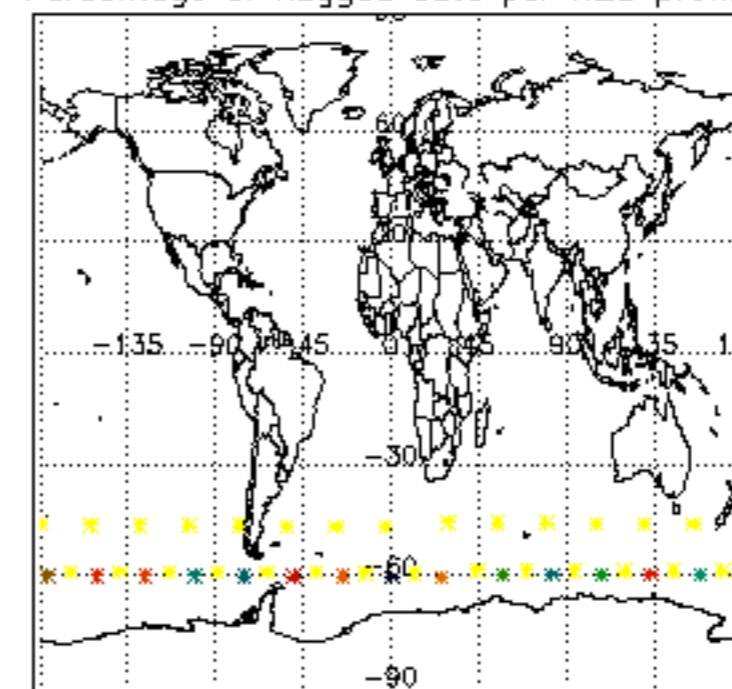
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	30-APR-2009 00:01:06
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-APR-2009 00:01:06
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-APR-2009 00:01:06



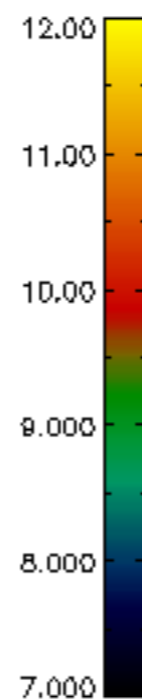
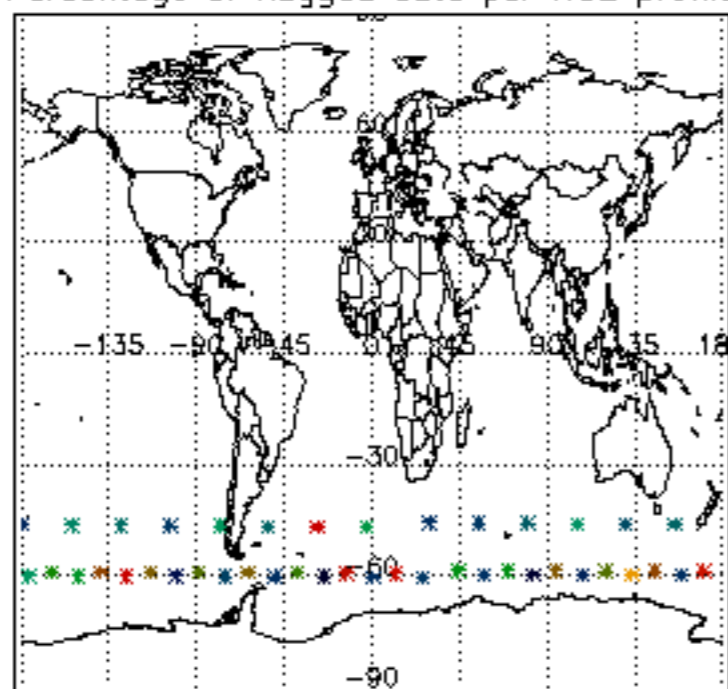
Percentage of flagged data per D3 profile



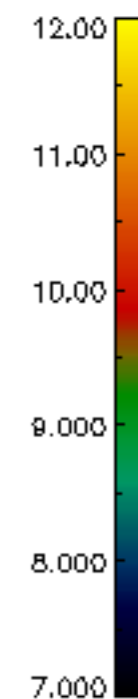
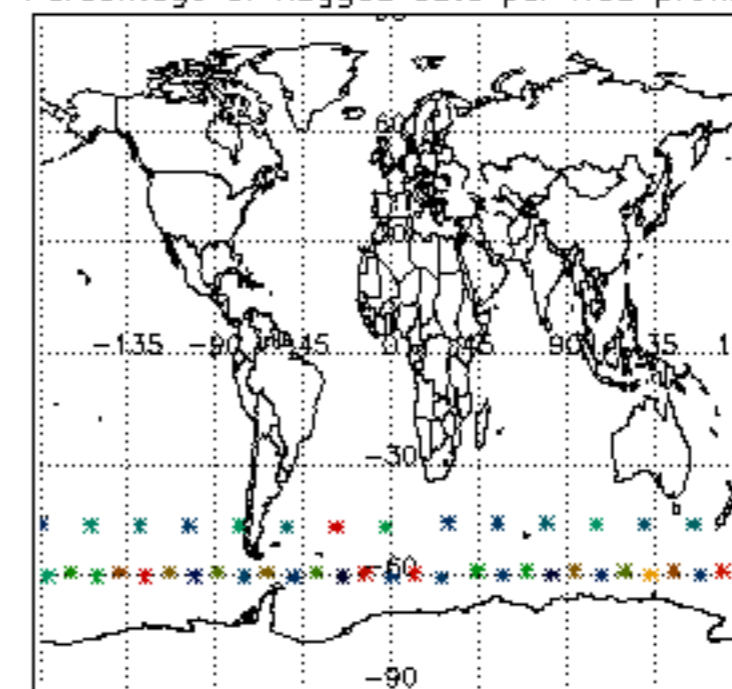
Percentage of flagged data per H2O profile

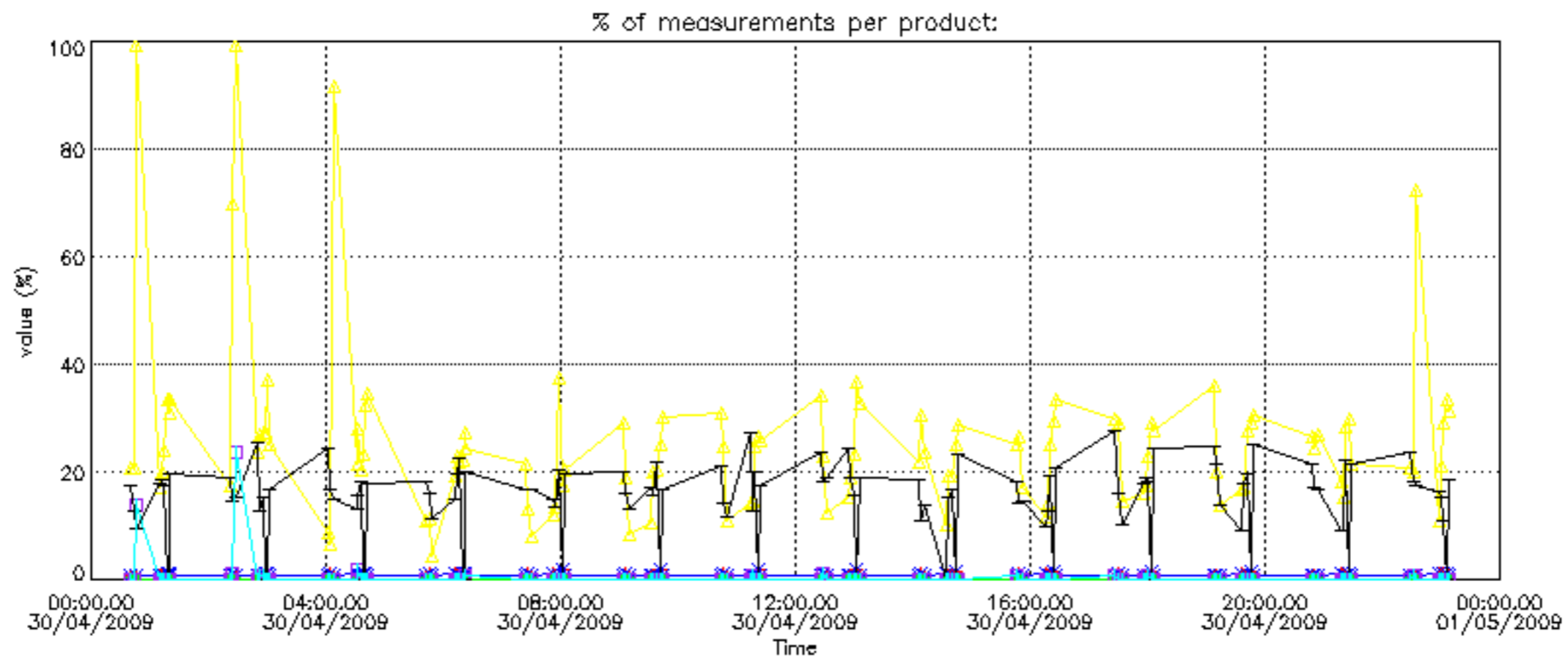
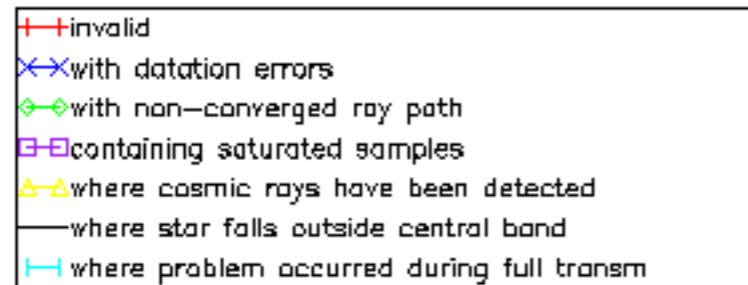


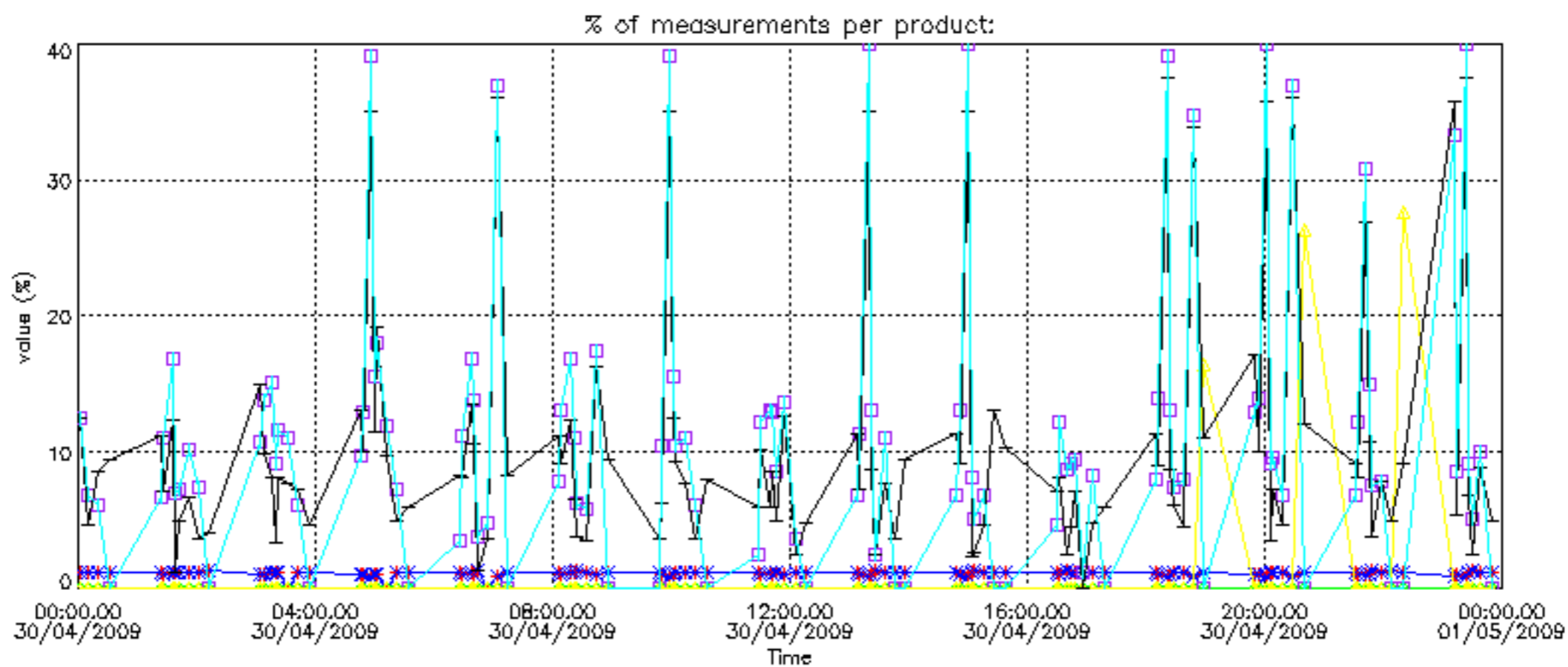
Percentage of flagged data per NO2 profile



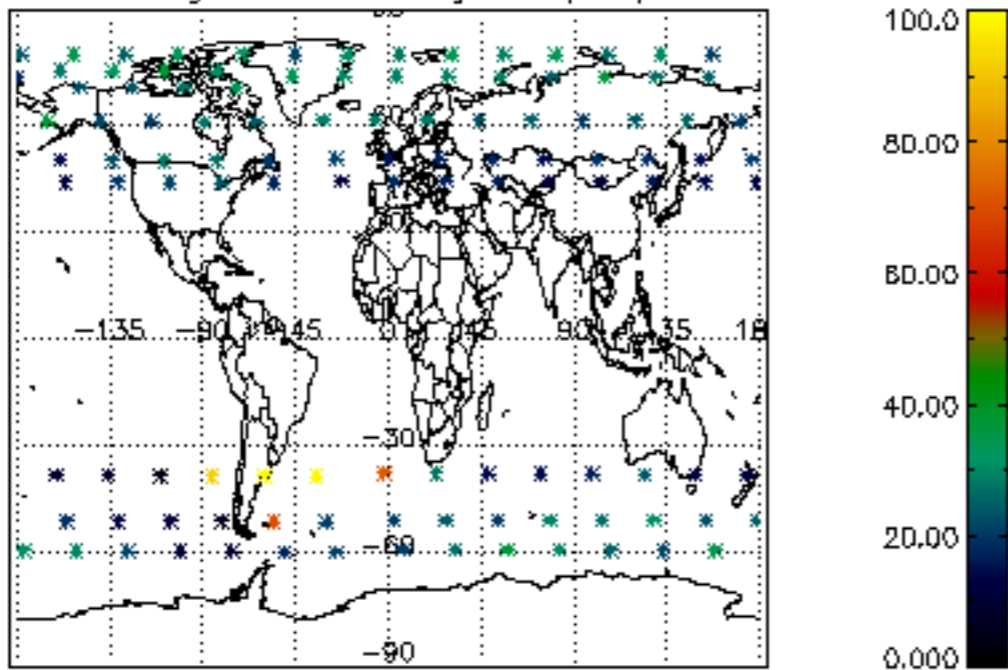
Percentage of flagged data per NO3 profile



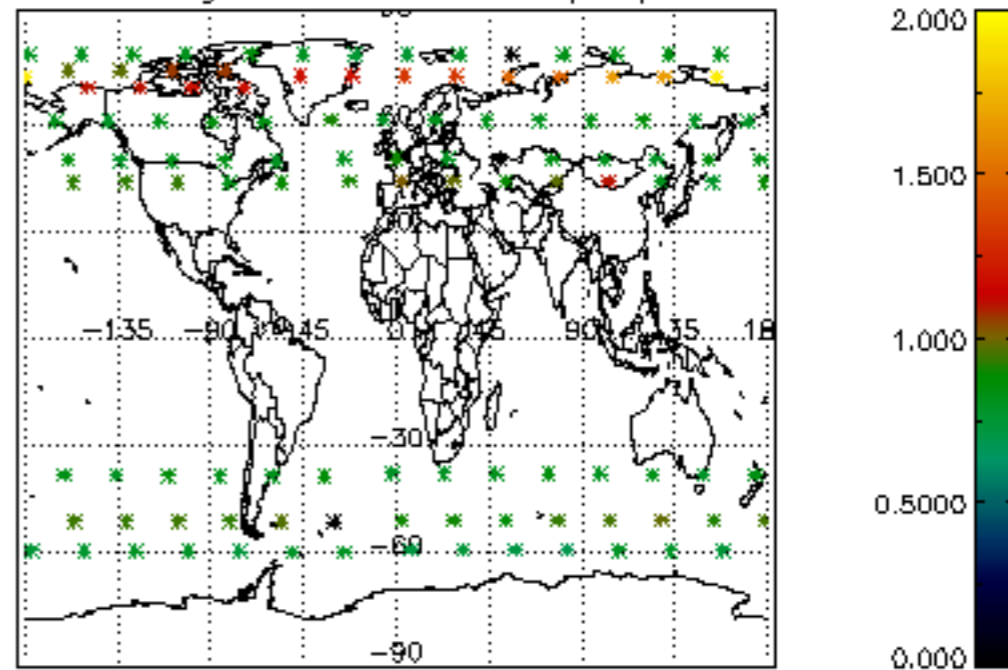




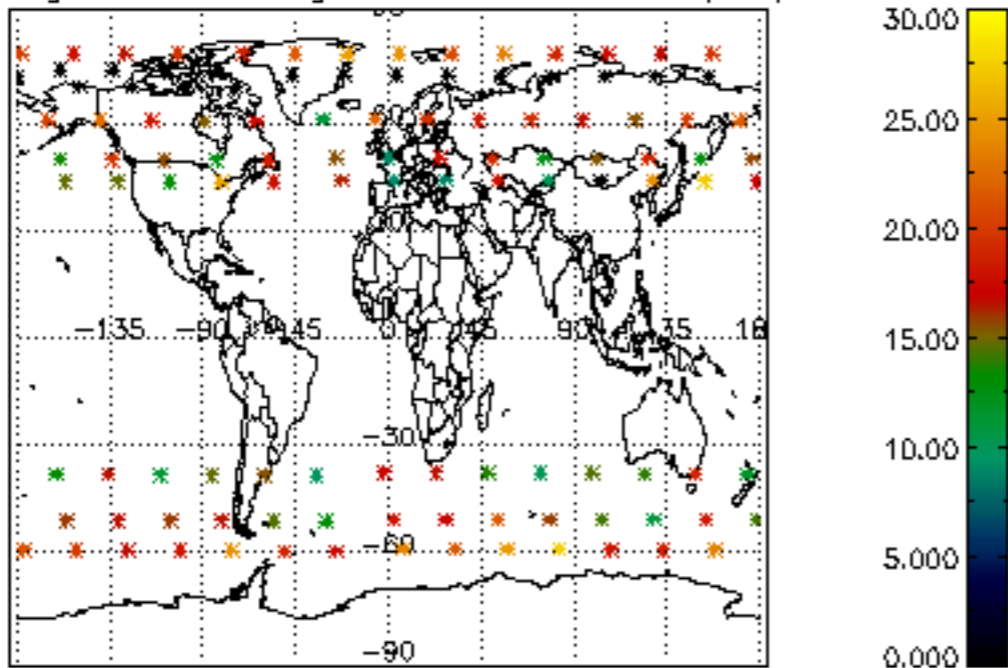
Percentage of cosmic ray hits per profile



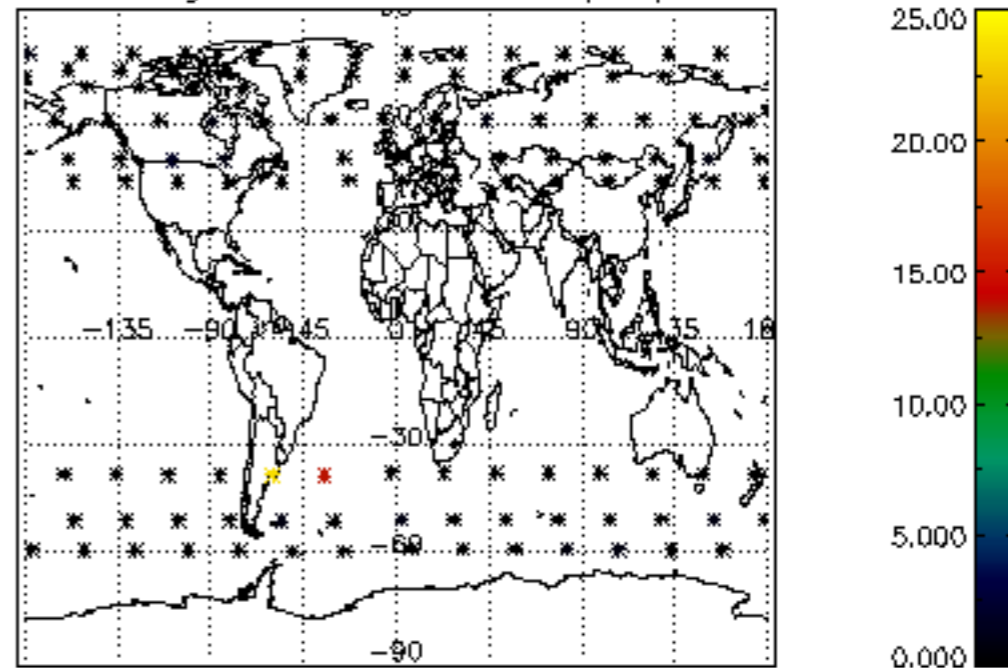
Percentage of datation errors per profile



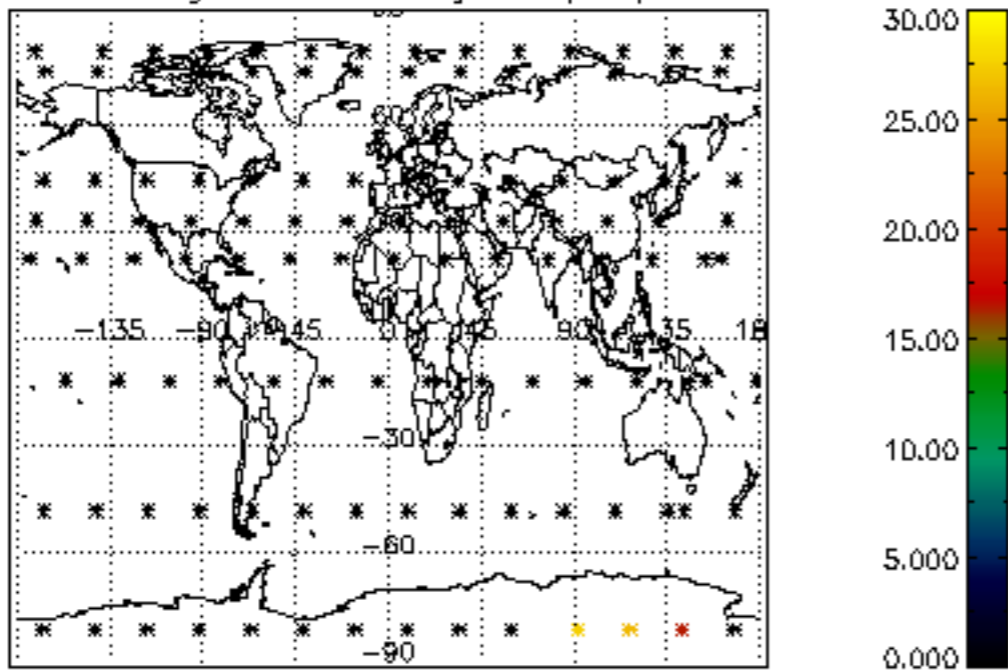
Percentage of star falling outside central band per profile



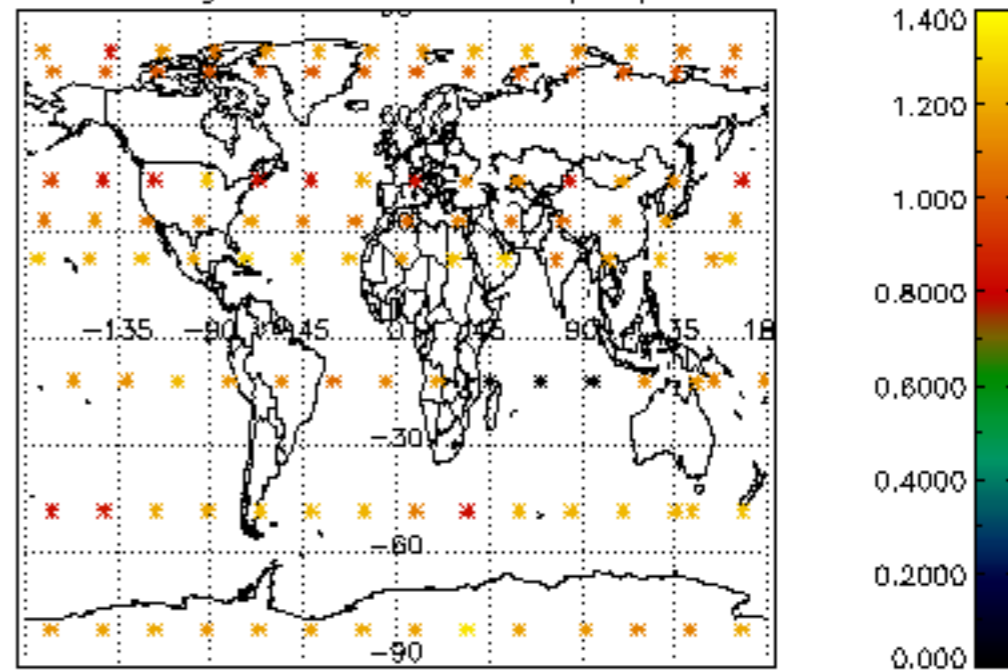
Percentage of saturation errors per profile



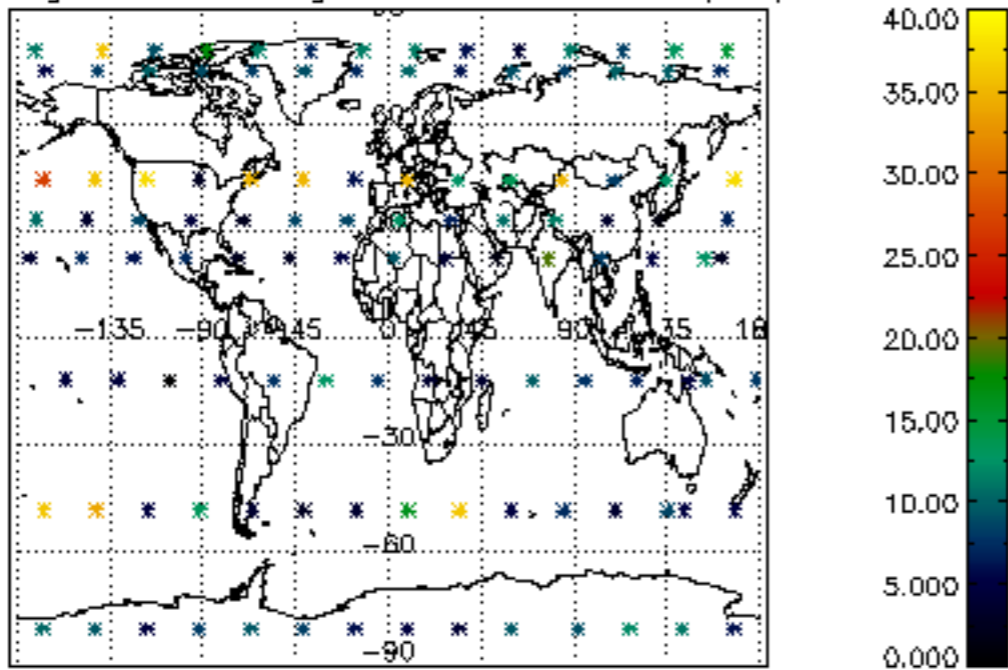
Percentage of cosmic ray hits per profile



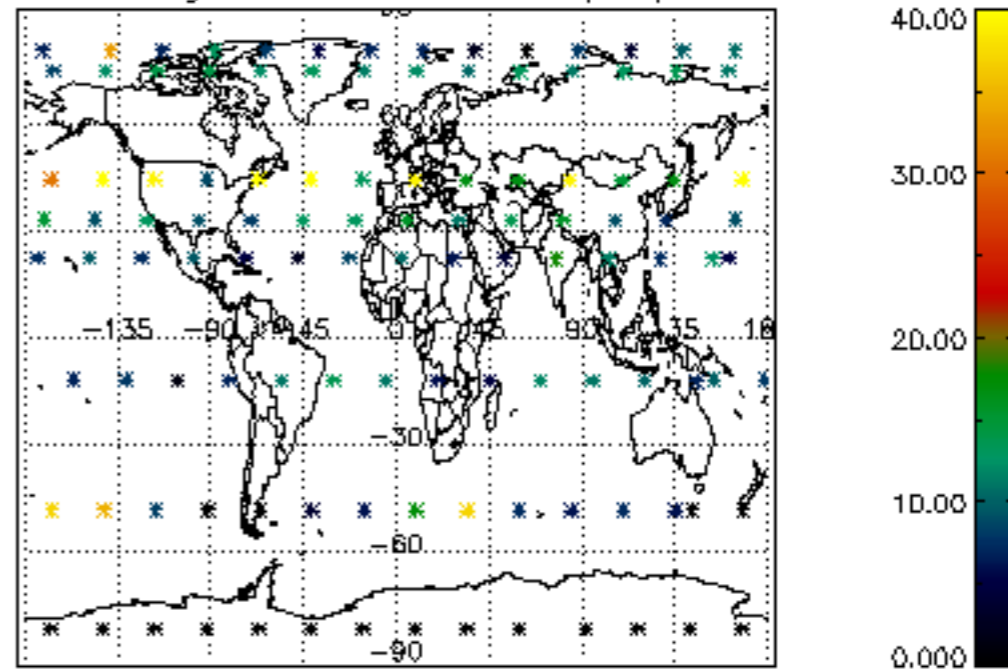
Percentage of datation errors per profile

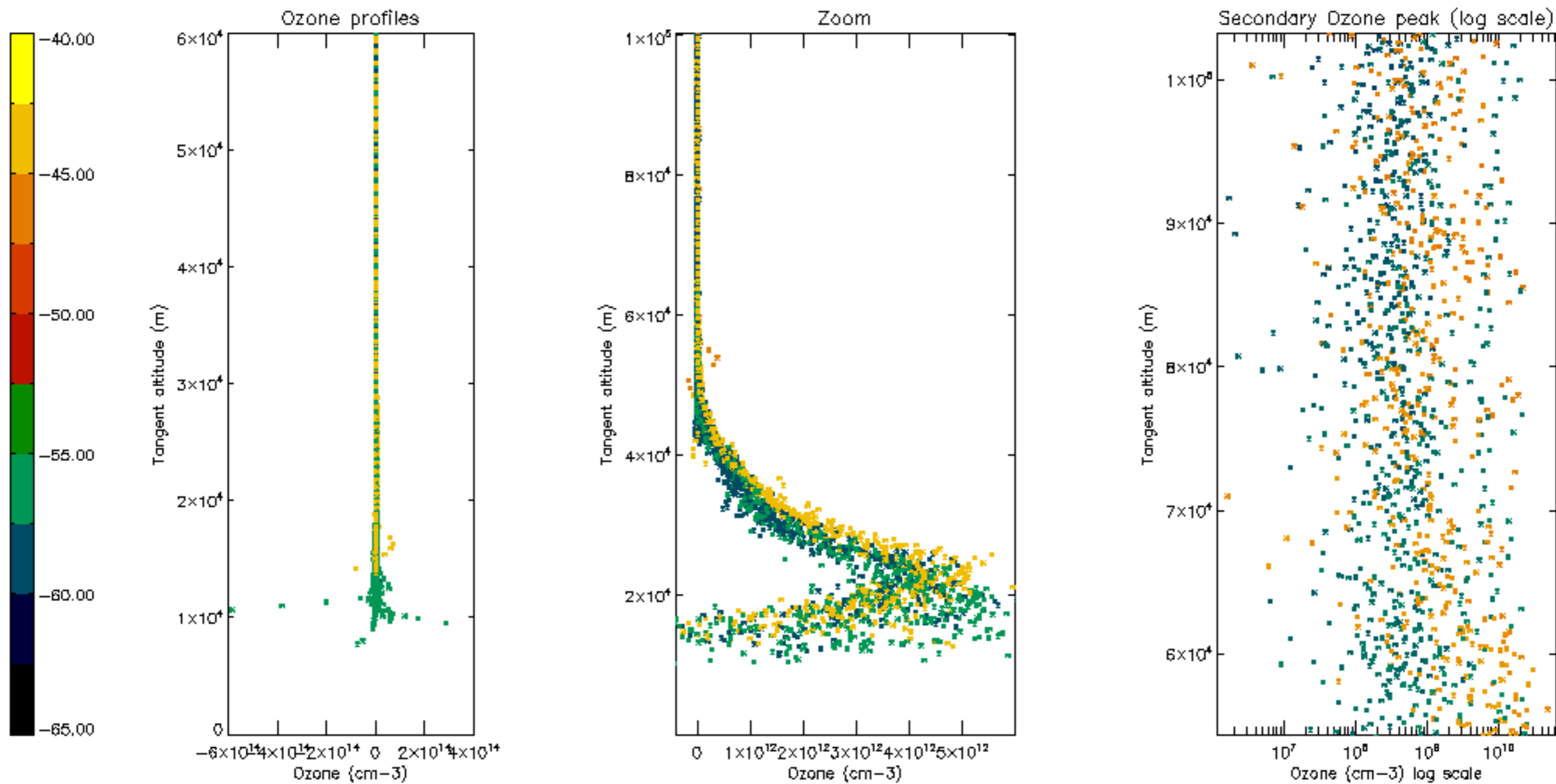


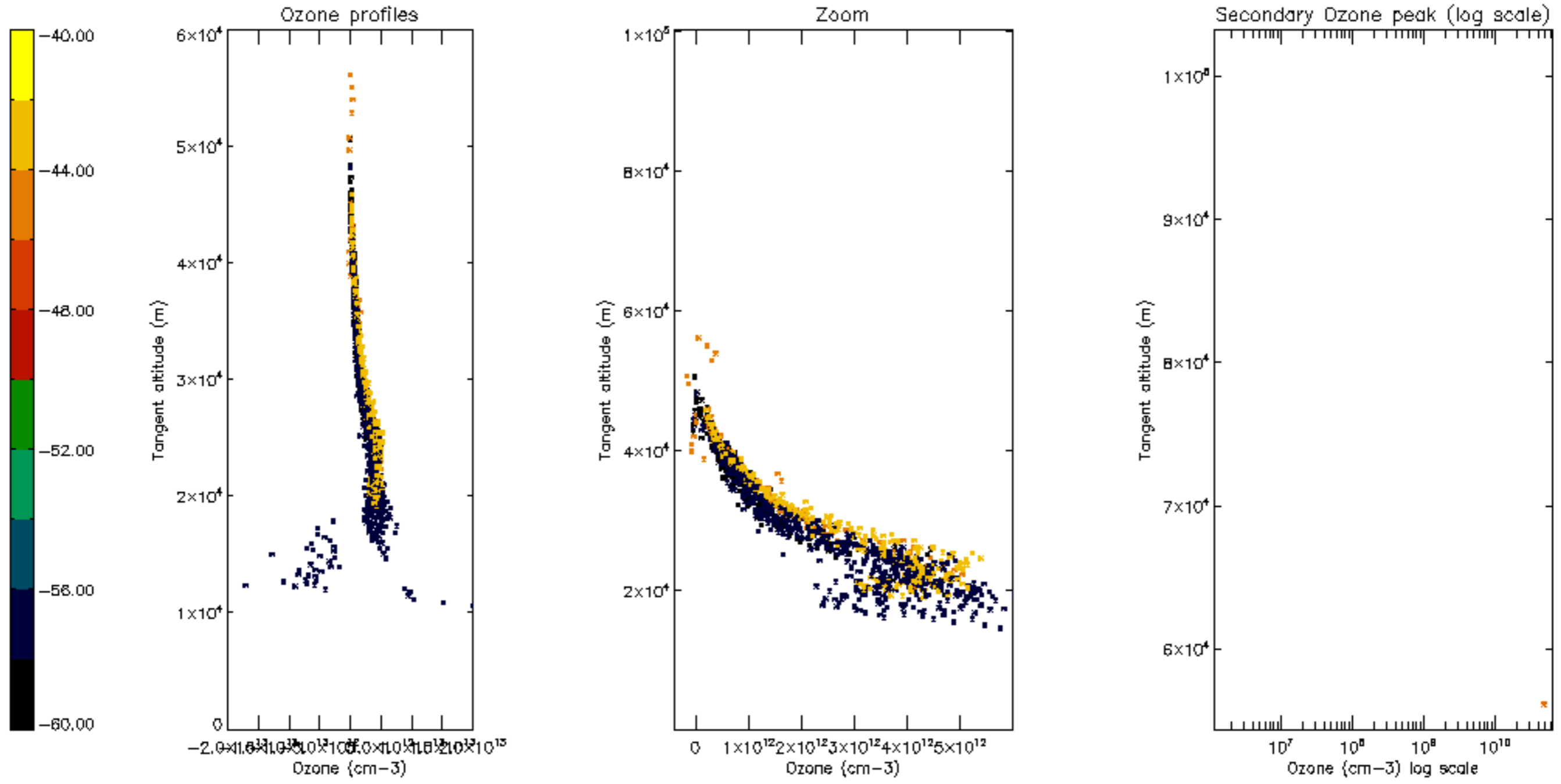
Percentage of star falling outside central band per profile

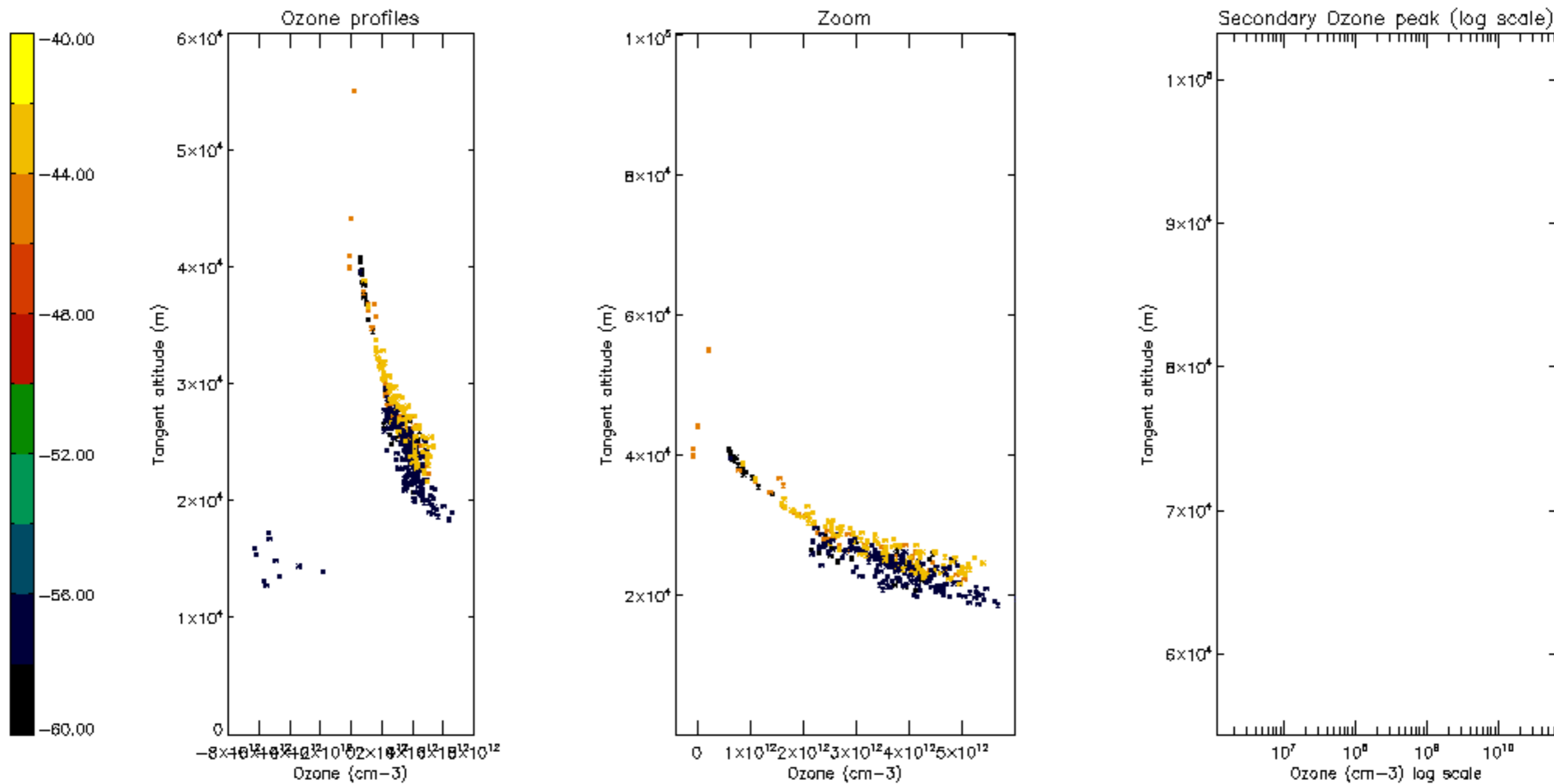


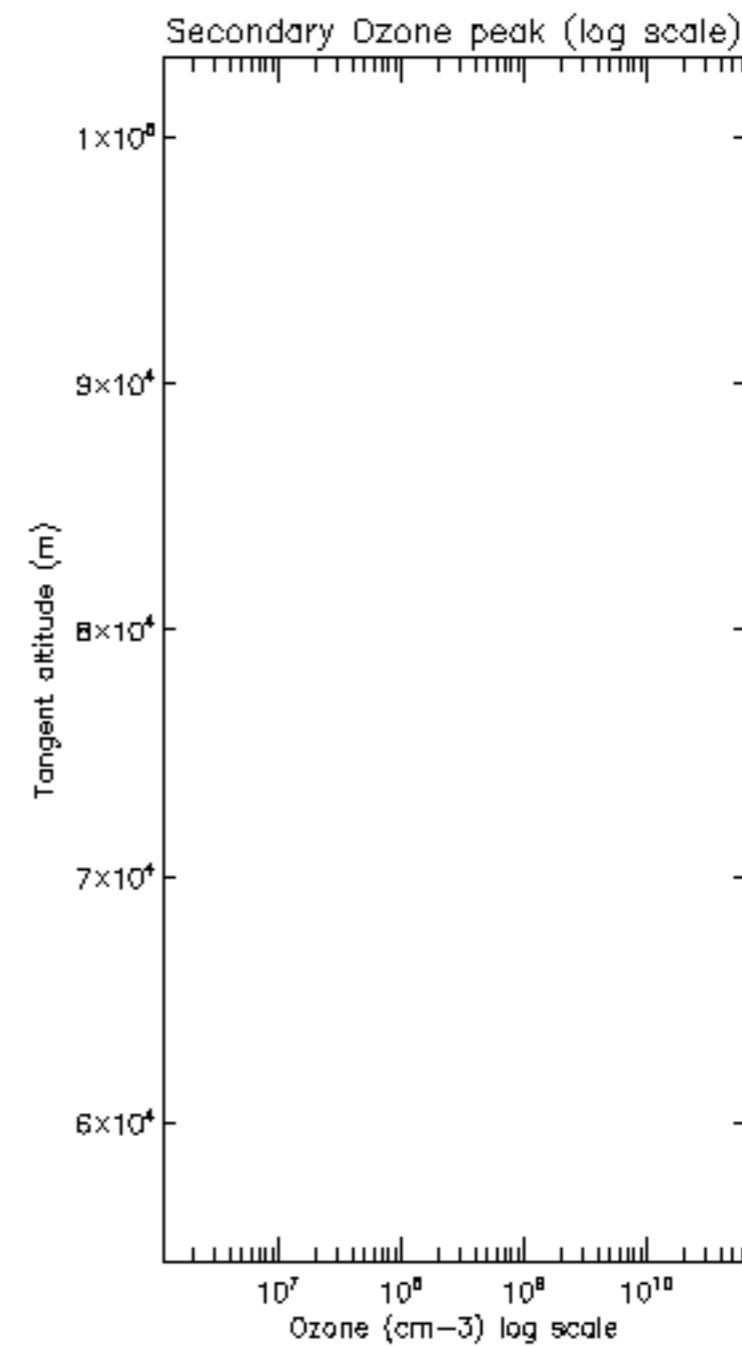
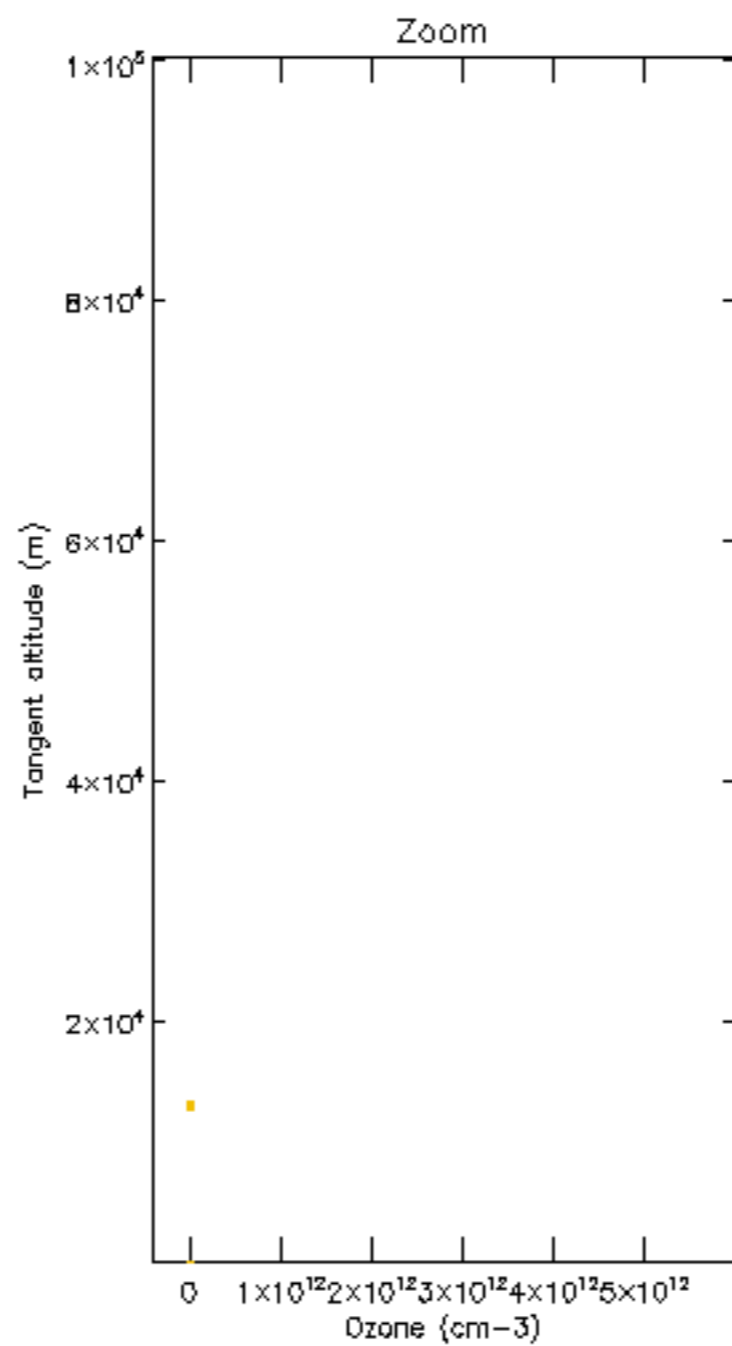
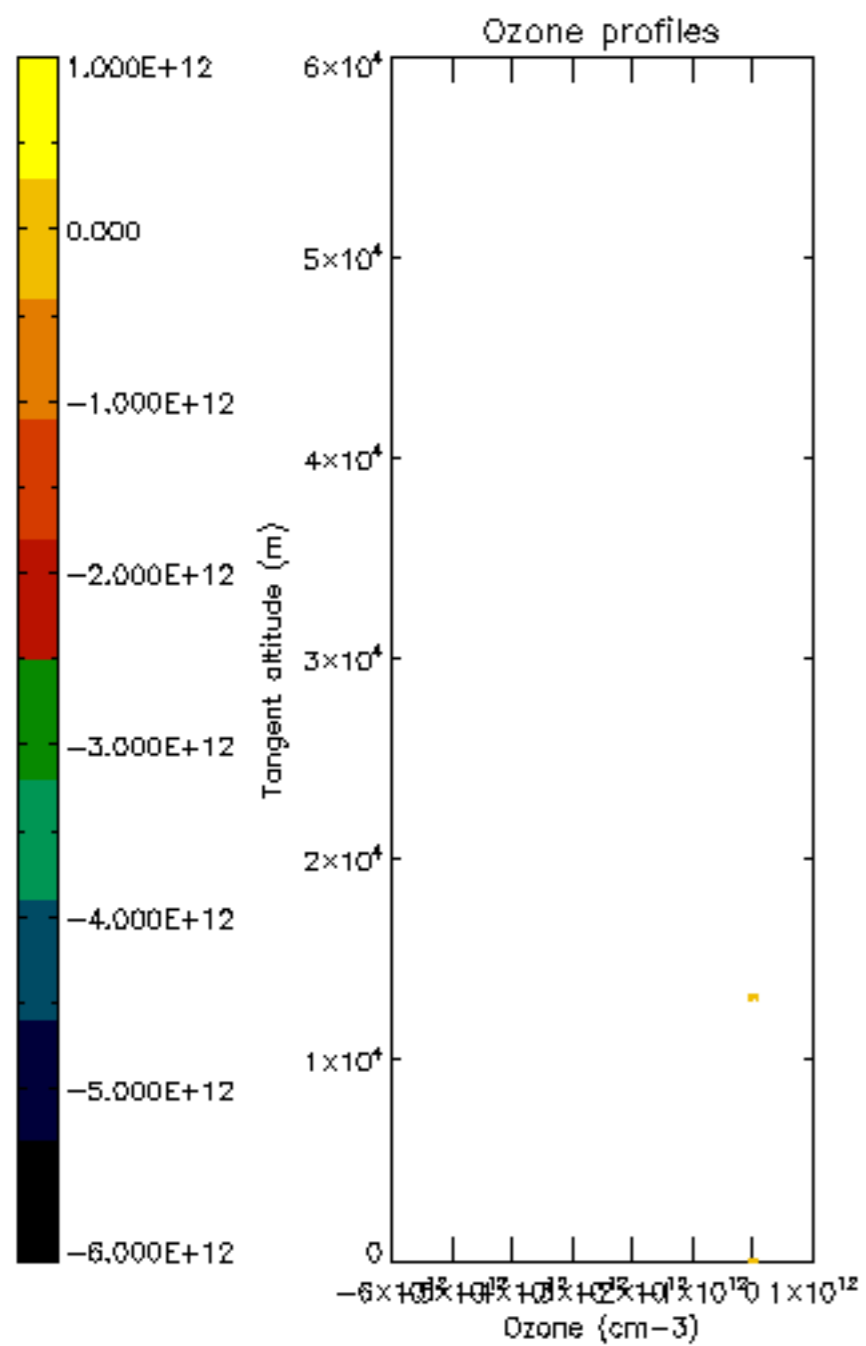
Percentage of saturation errors per profile

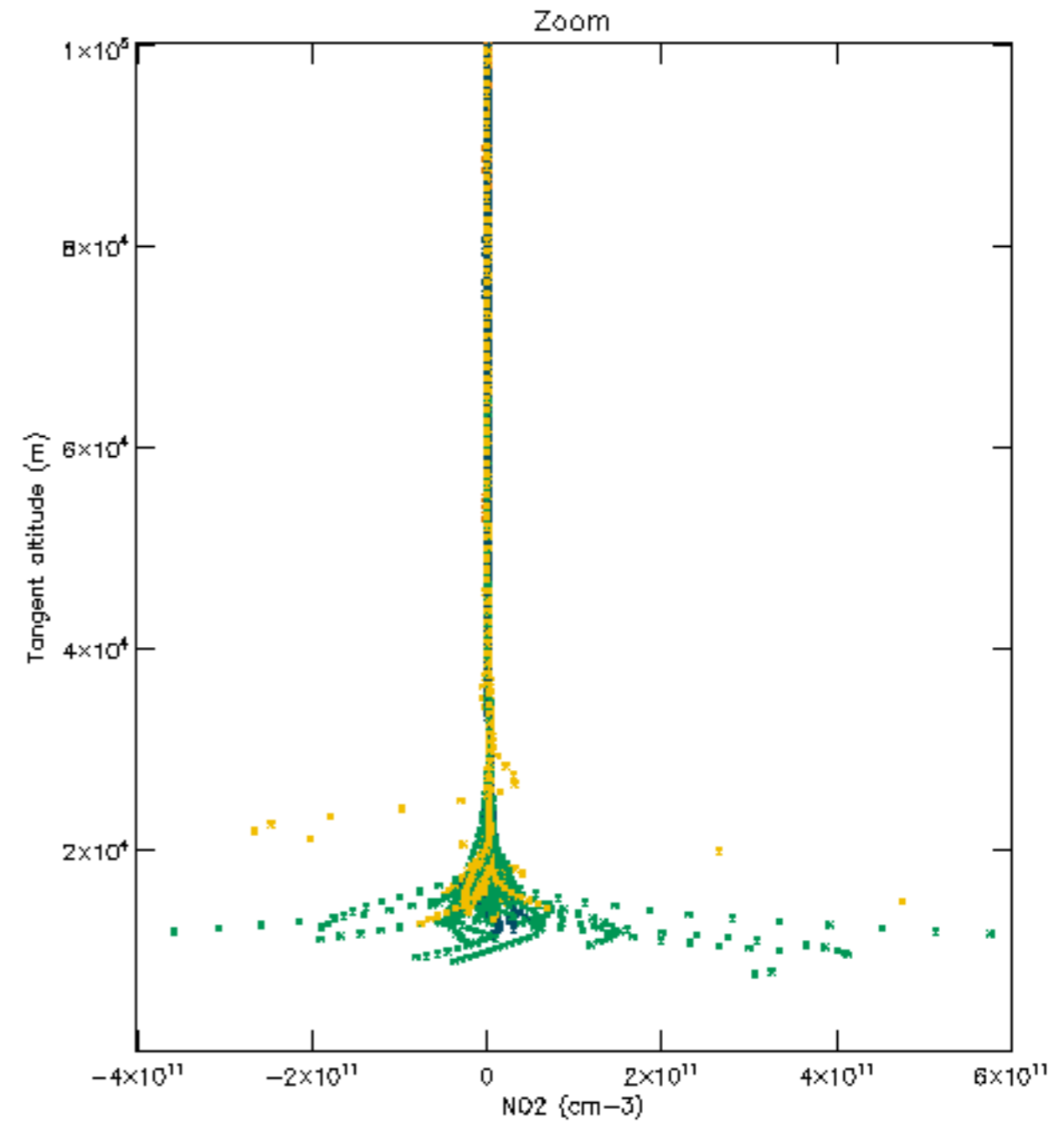
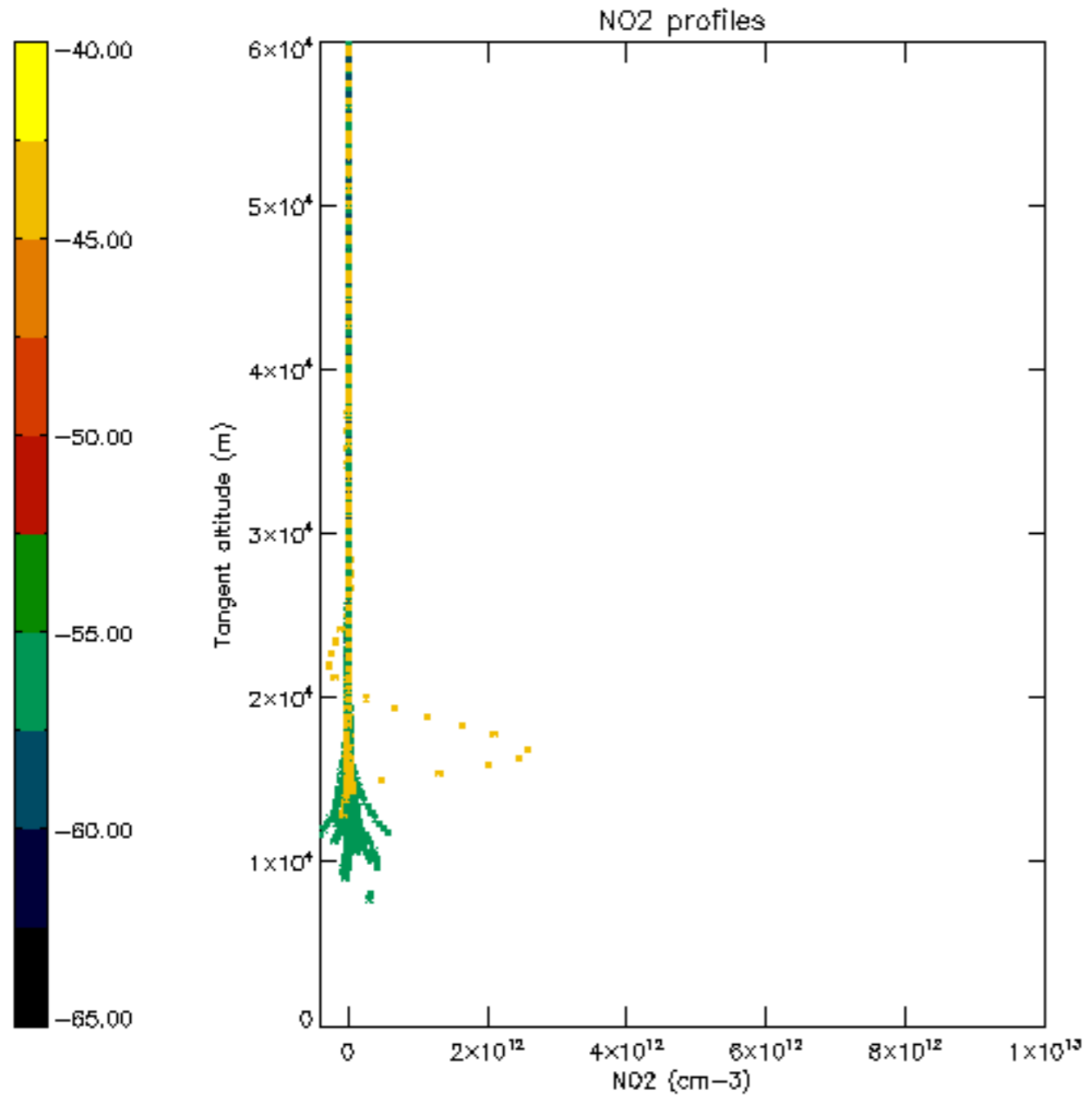


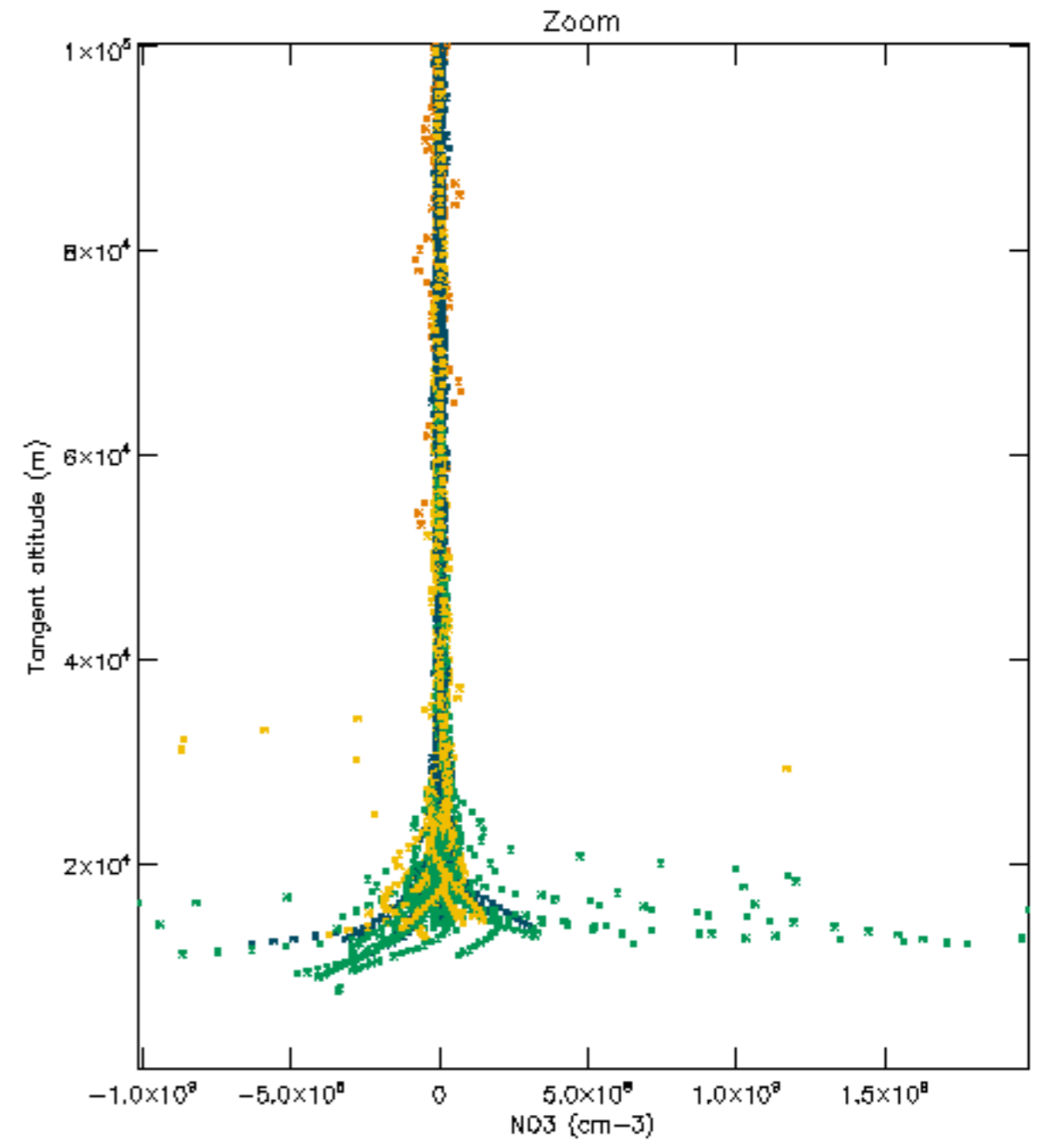
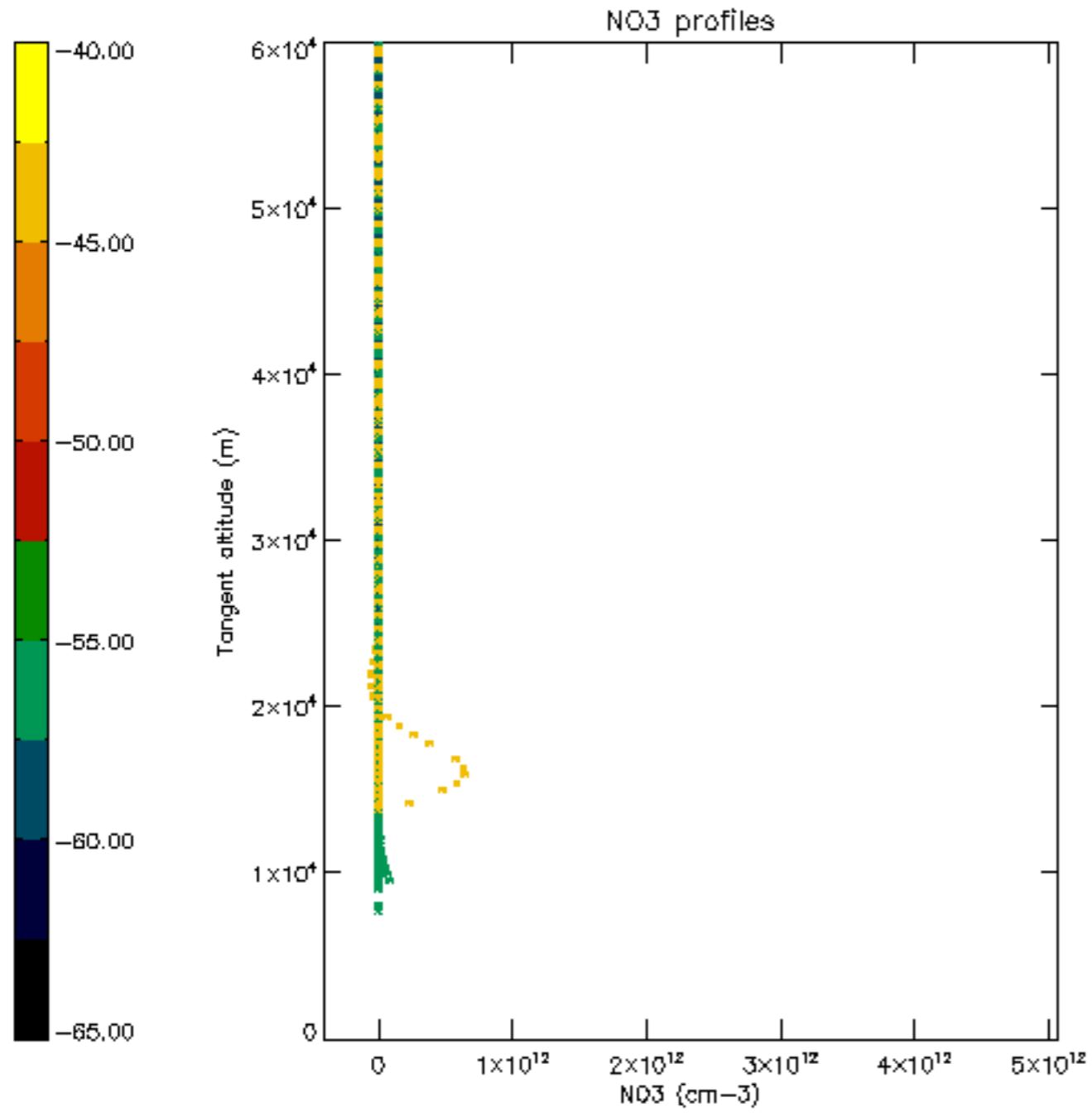


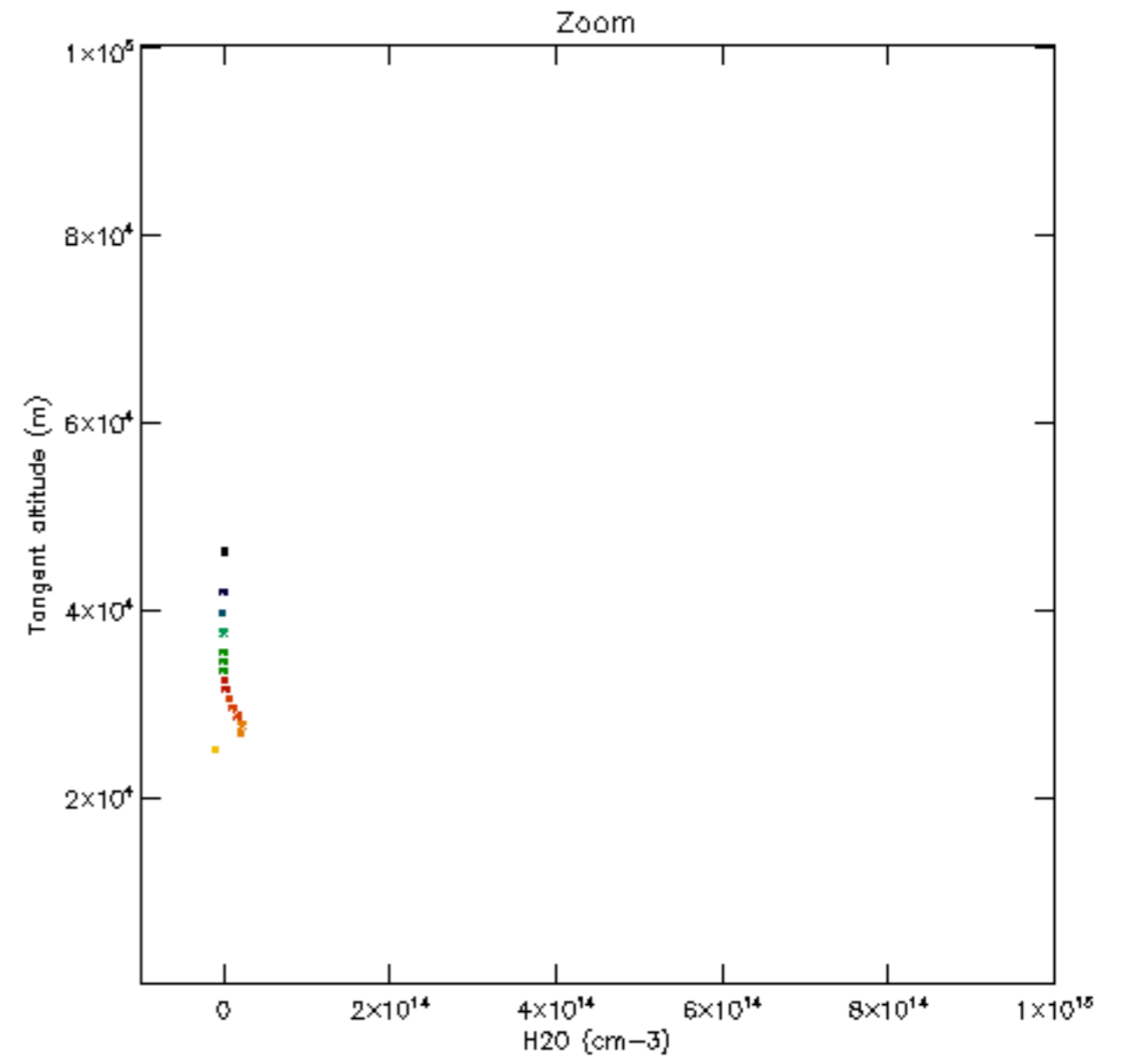
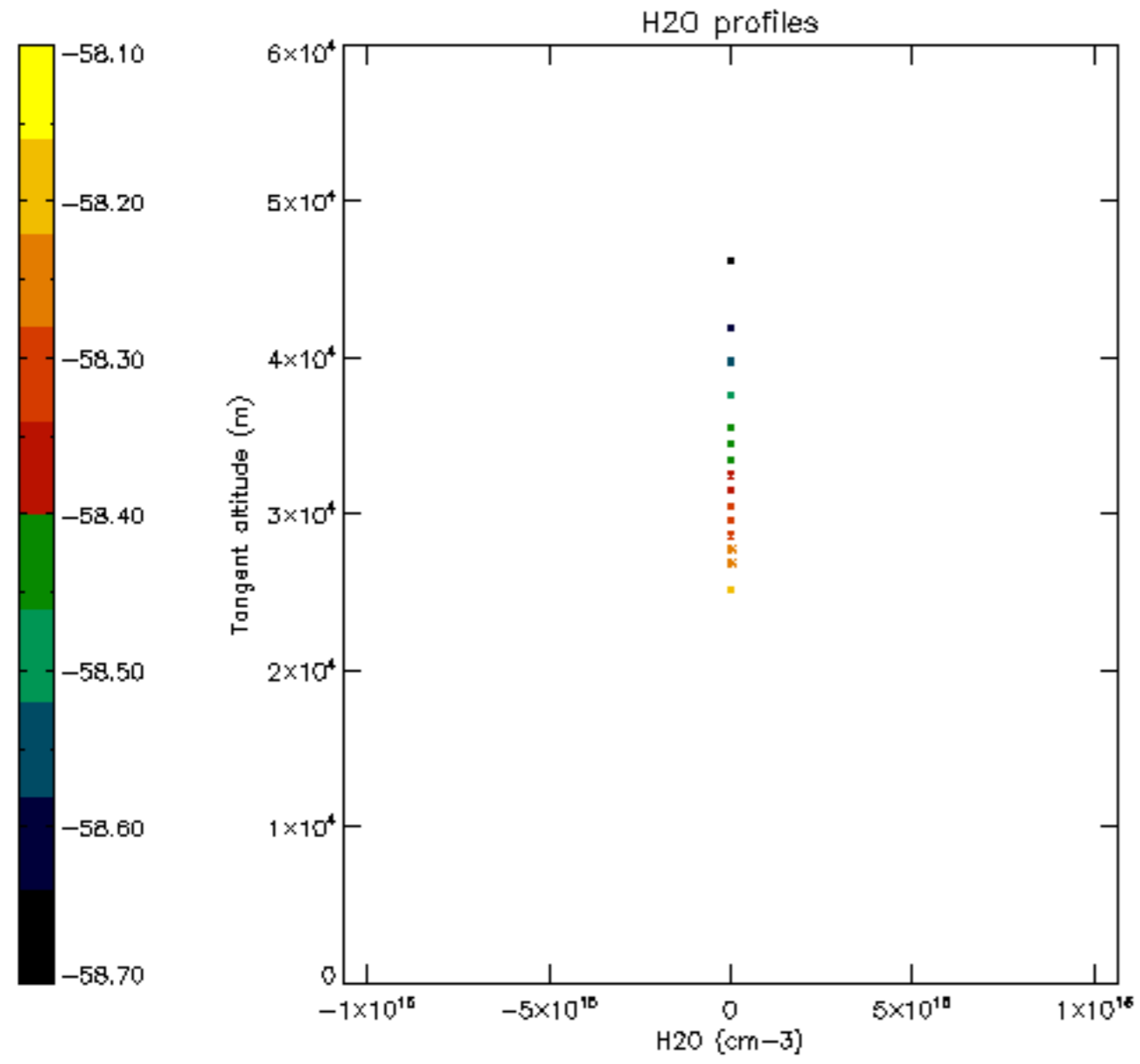


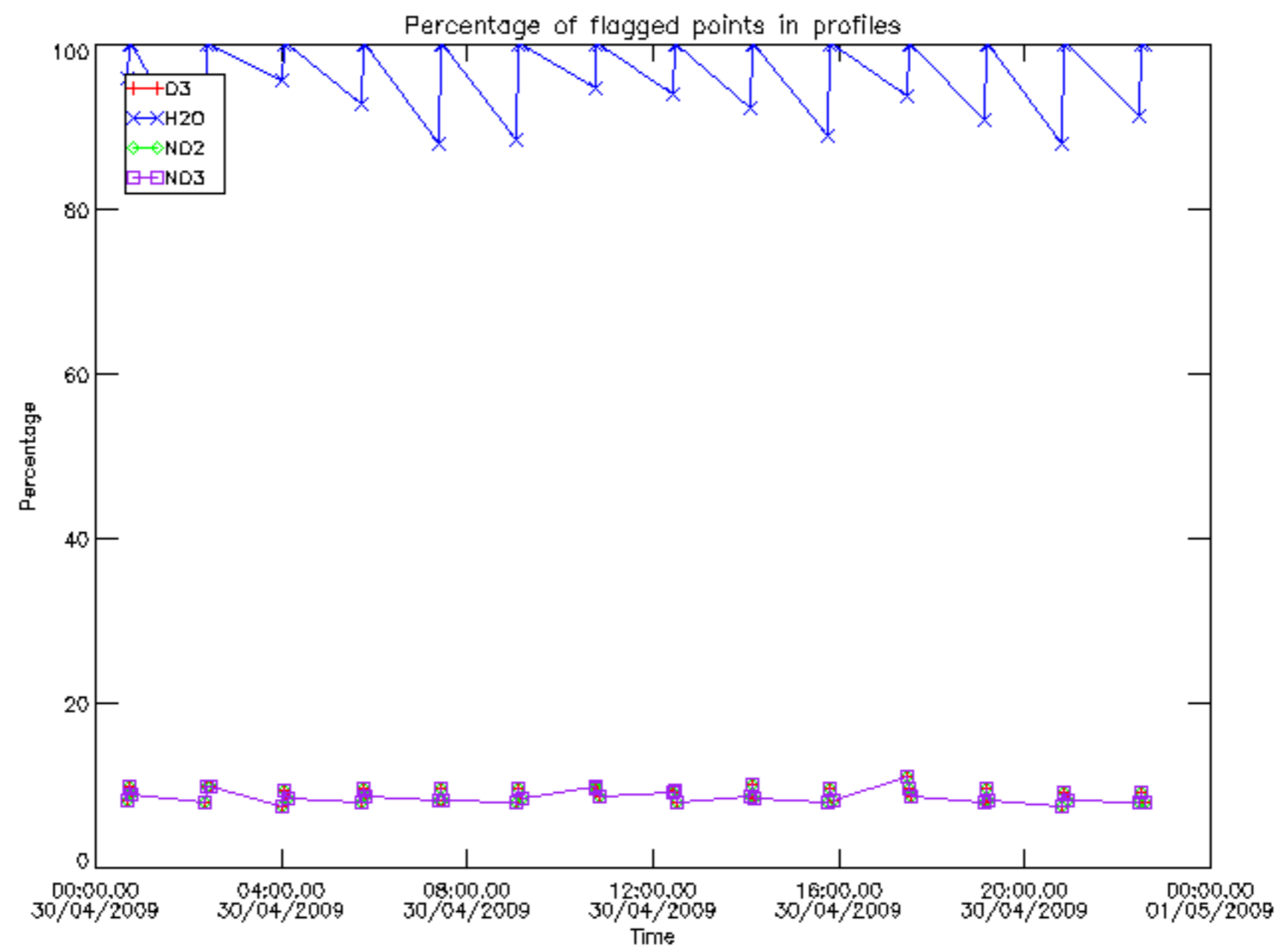




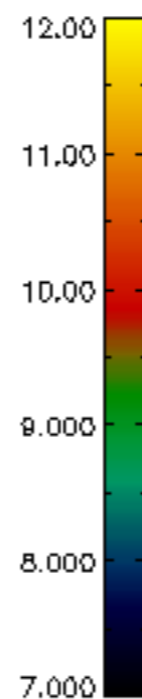
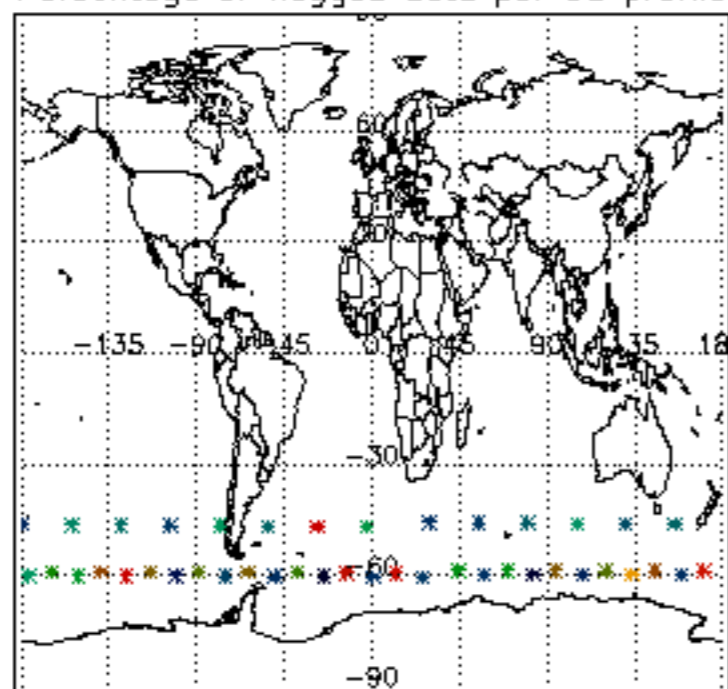




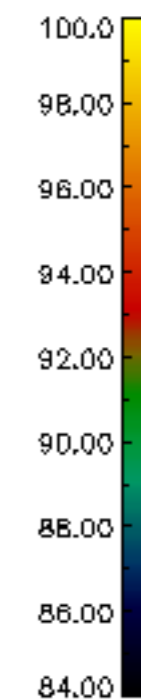
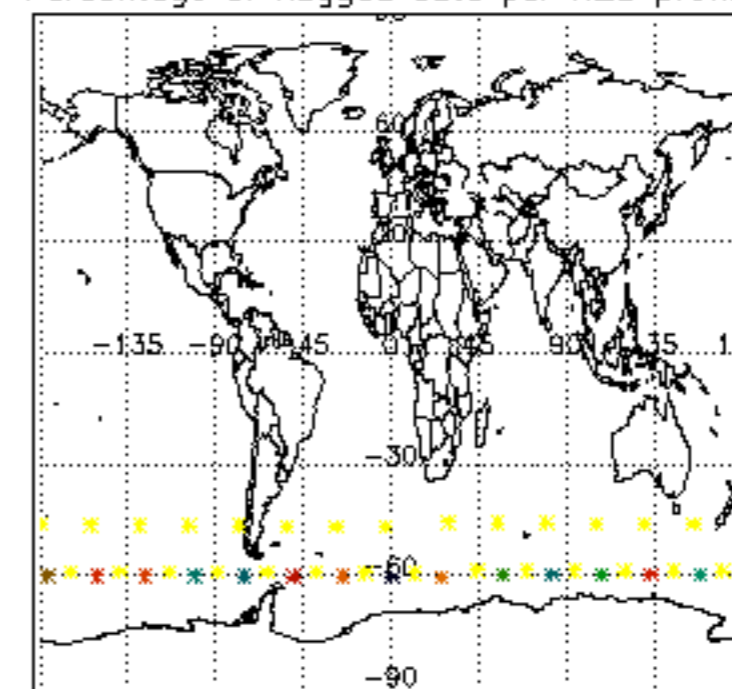




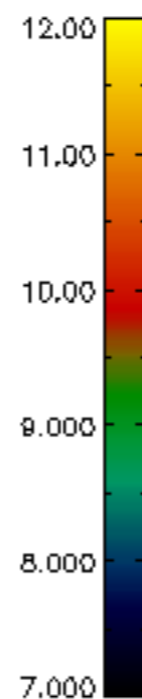
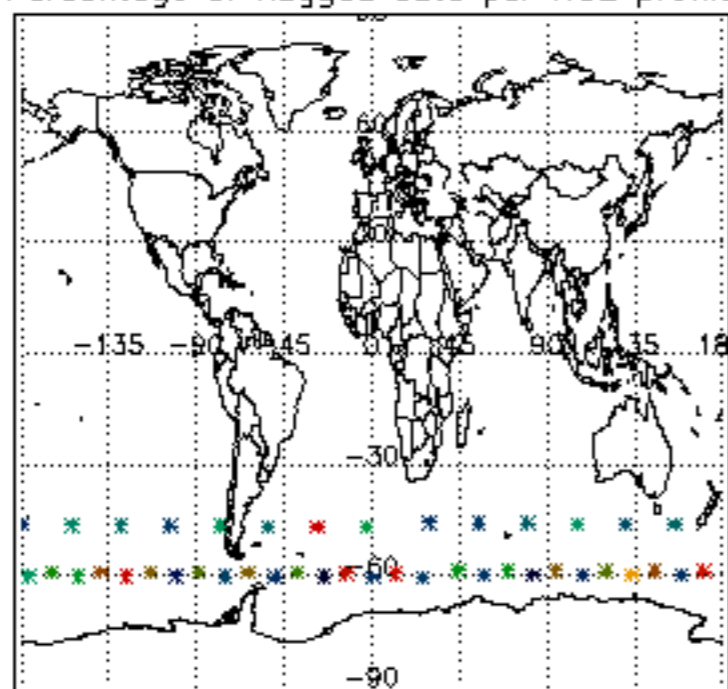
Percentage of flagged data per D3 profile



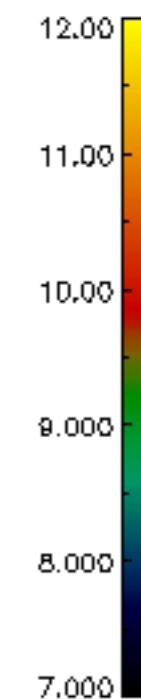
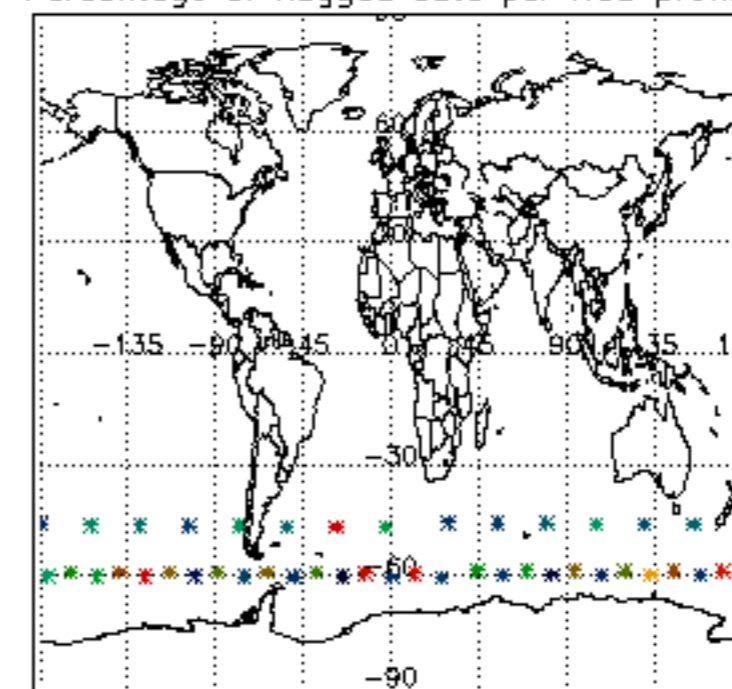
Percentage of flagged data per H2O profile

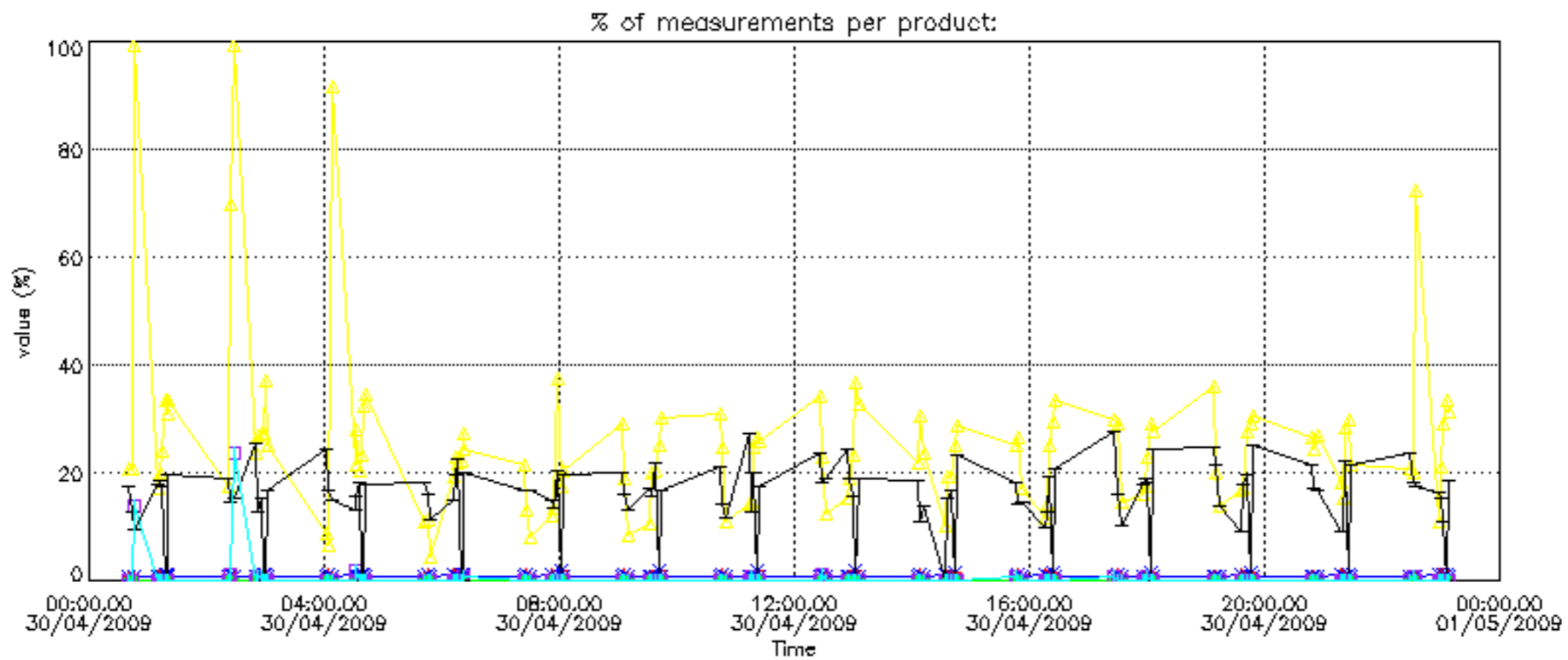


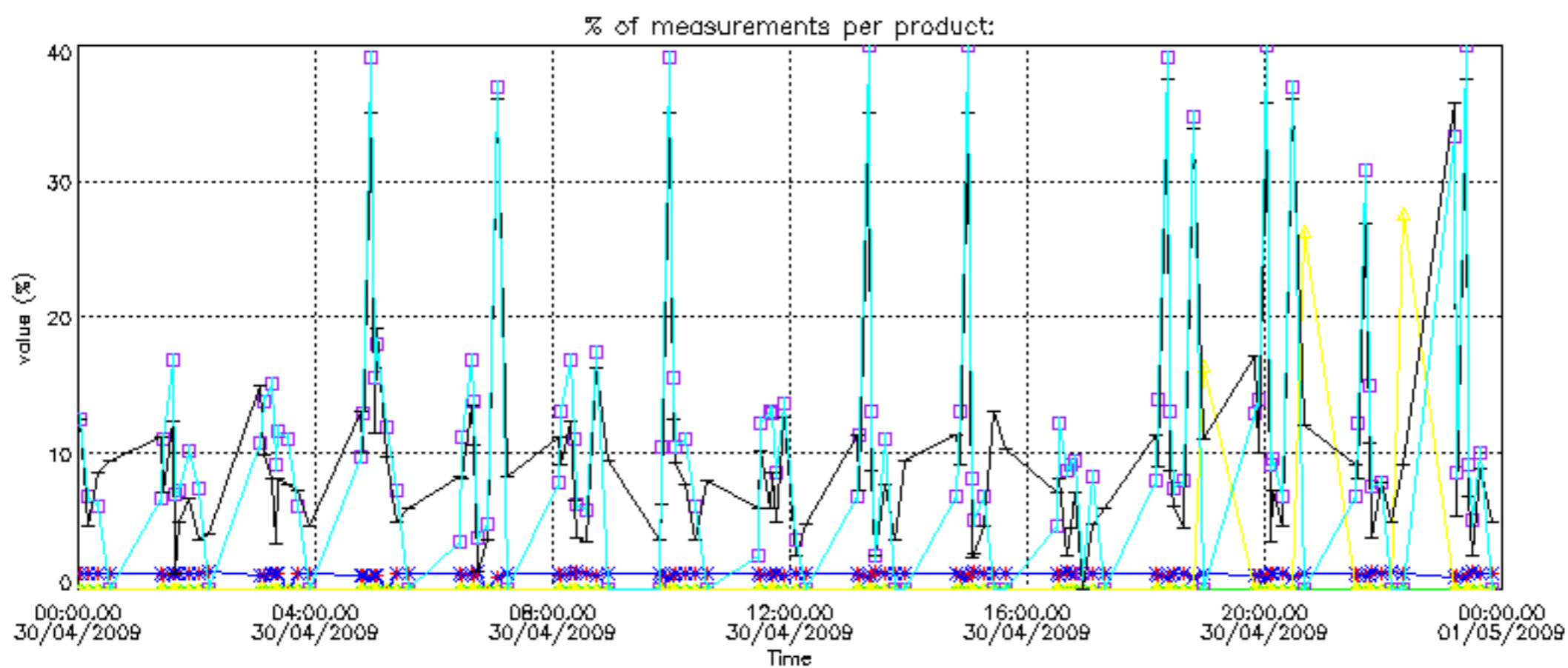
Percentage of flagged data per NO2 profile



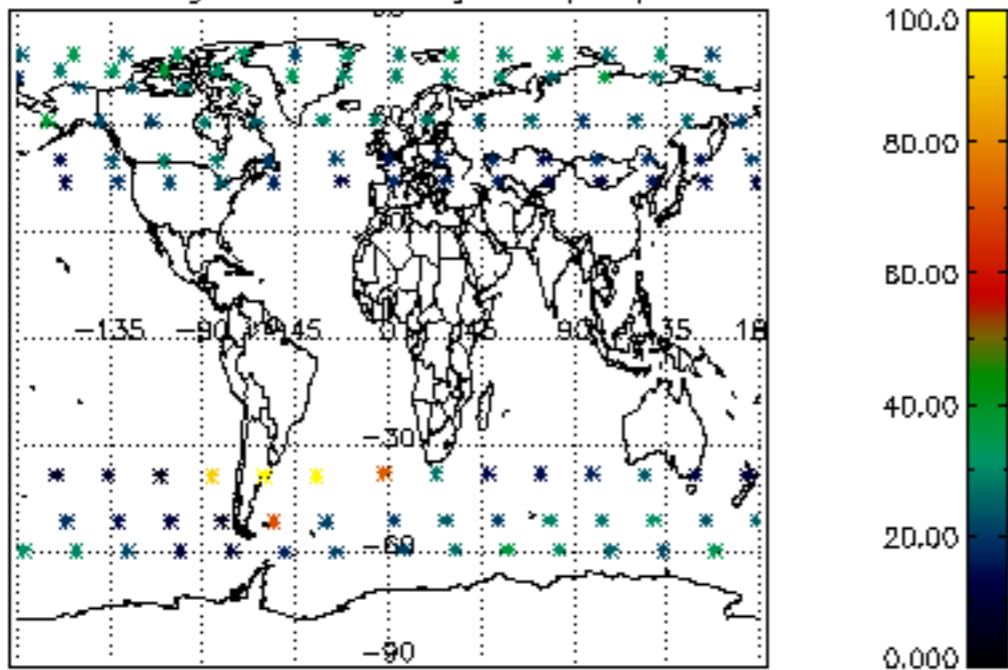
Percentage of flagged data per NO3 profile



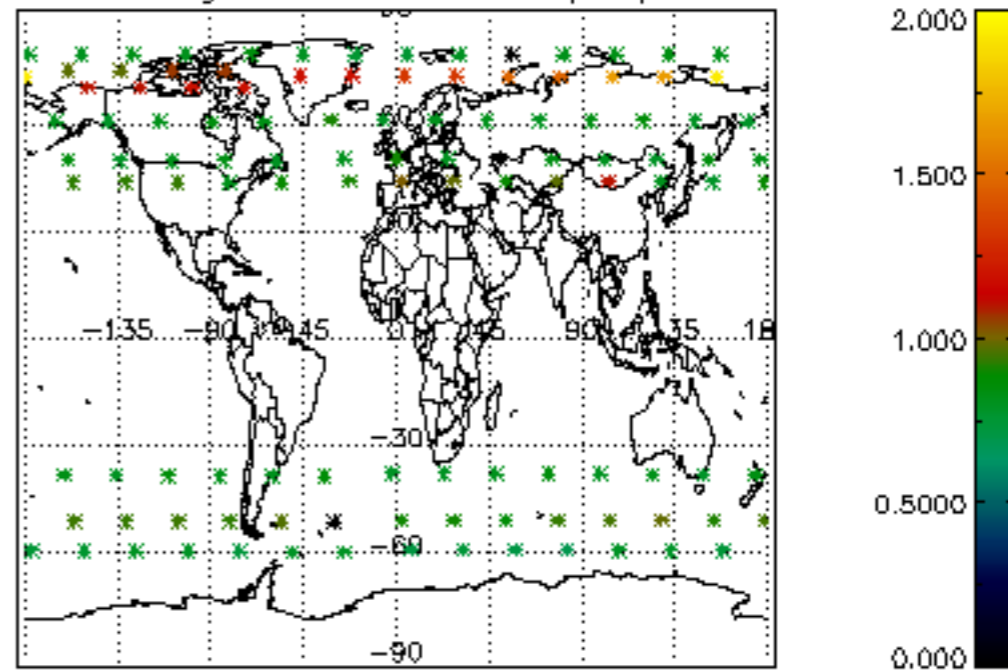




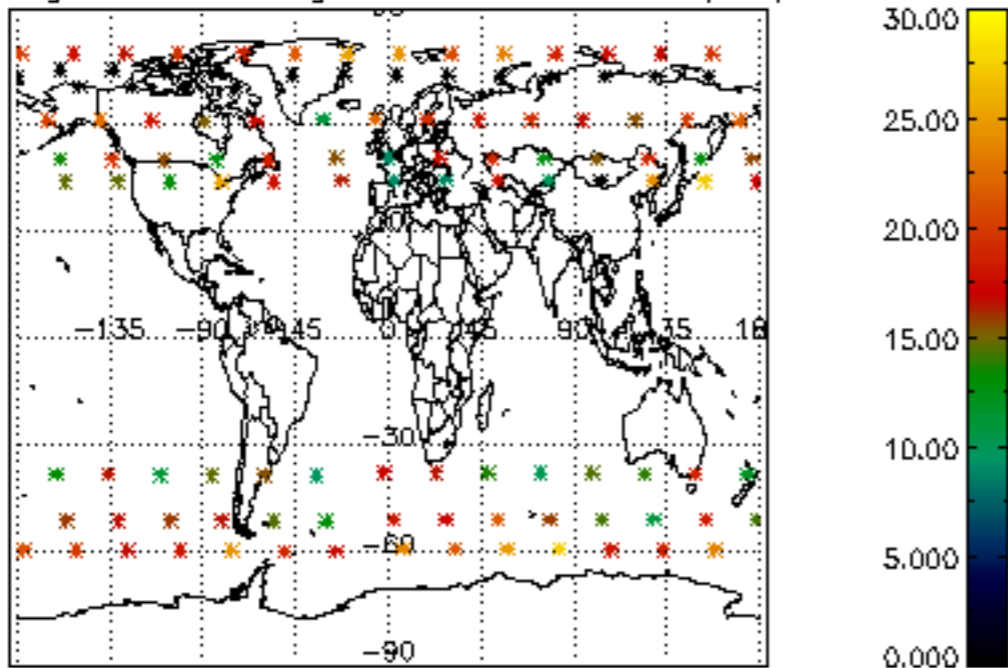
Percentage of cosmic ray hits per profile



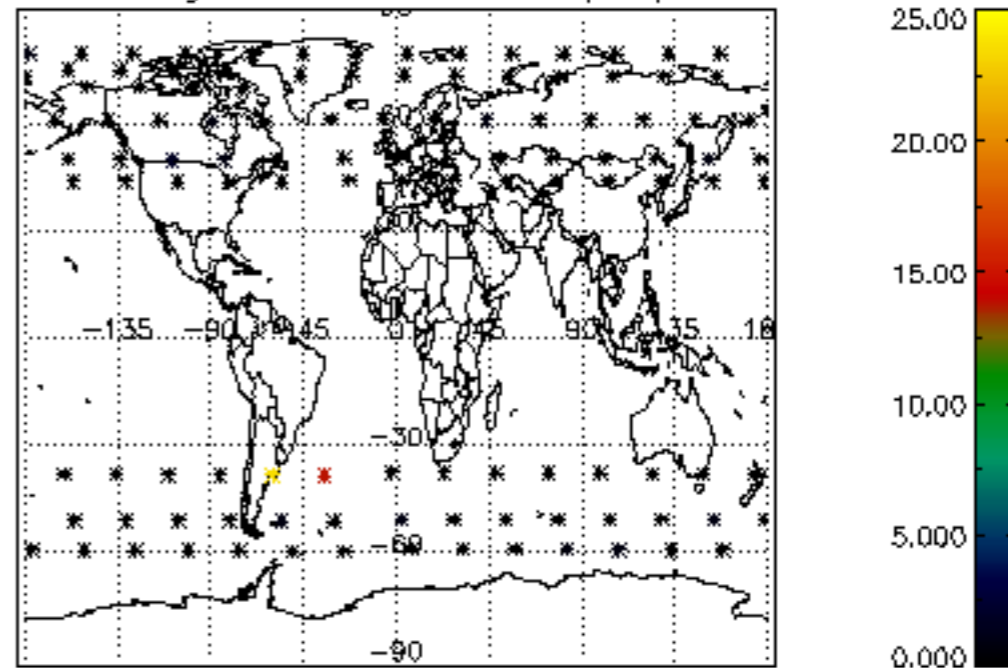
Percentage of datation errors per profile



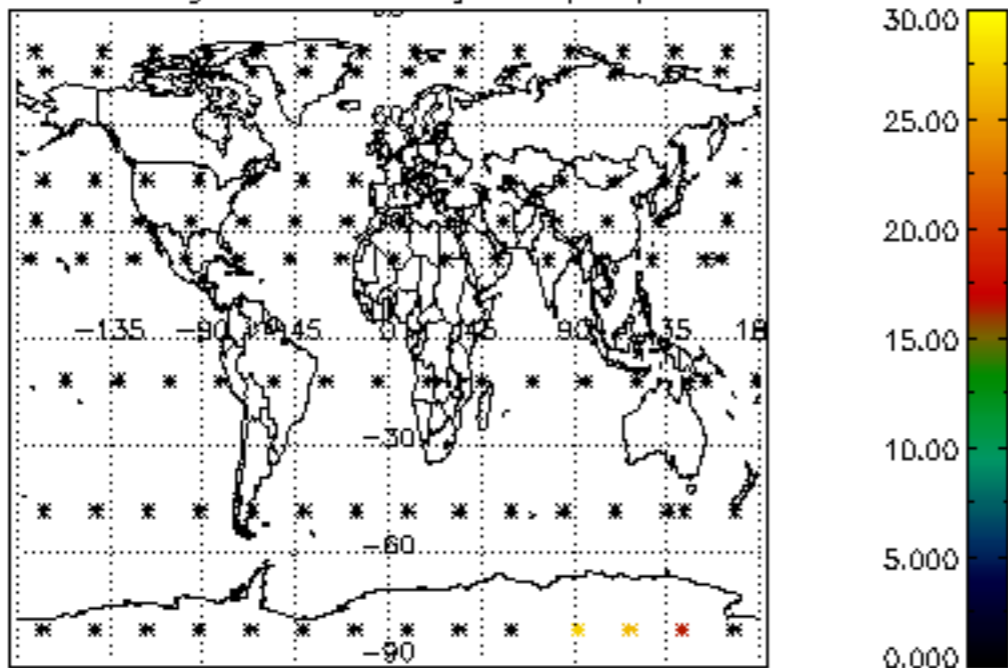
Percentage of star falling outside central band per profile



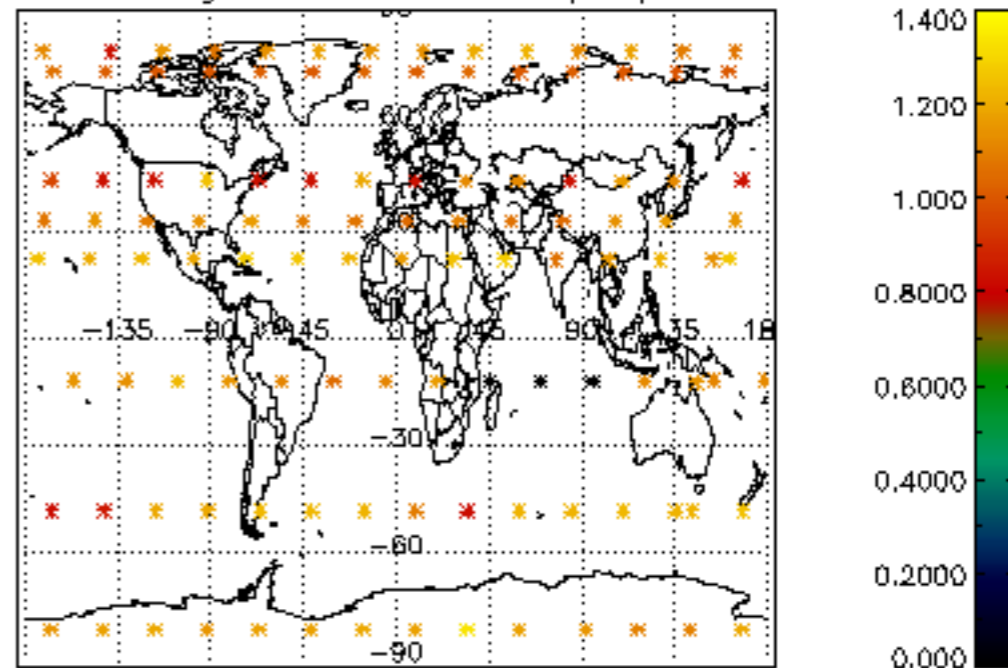
Percentage of saturation errors per profile



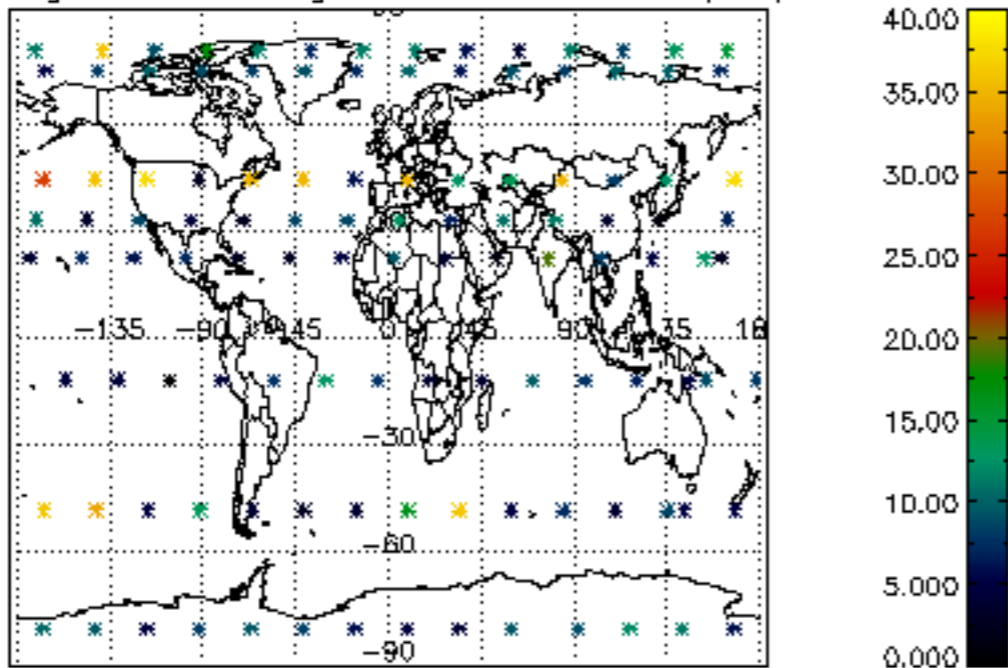
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

