

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	23APR2013 04:42:22
Data source version	GOMOS/6.01
Start time of products	13-09-2007 (13SEP2007 00:00:00)
Stop time of products	14-09-2007 (14SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	190
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__2PRFIN20070913_000801_000000382061_00331_28942_5218.N1	13-SEP-2007 00:08:01	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	28942	No
2	GOM_NL__2PRFIN20070913_000954_000000402061_00331_28942_5219.N1	13-SEP-2007 00:09:54	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	28942	No
3	GOM_NL__2PRFIN20070913_003146_000000412061_00331_28942_5220.N1	13-SEP-2007 00:31:46	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	28942	No
4	GOM_NL__2PRFIN20070913_004009_000000472061_00331_28942_5221.N1	13-SEP-2007 00:40:09	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	28942	No
5	GOM_NL__2PRFIN20070913_004851_000000542061_00331_28942_5222.N1	13-SEP-2007 00:48:51	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28942	No
6	GOM_NL__2PRFIN20070913_005114_000000442061_00331_28942_5223.N1	13-SEP-2007 00:51:14	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28942	No
7	GOM_NL__2PRFIN20070913_005740_000000552061_00331_28942_5224.N1	13-SEP-2007 00:57:40	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	28942	No
8	GOM_NL__2PRFIN20070913_010801_000000392061_00332_28943_5226.N1	13-SEP-2007 01:08:01	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28943	No
9	GOM_NL__2PRFIN20070913_010925_000000542061_00332_28943_5227.N1	13-SEP-2007 01:09:25	Dark	54.000	9	Alp Eri	0.45300	24000.	108	28943	No
10	GOM_NL__2PRFIN20070913_011513_000000452061_00332_28943_5228.N1	13-SEP-2007 01:15:13	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	28943	No
11	GOM_NL__2PRFIN20070913_012037_000000422061_00332_28943_5229.N1	13-SEP-2007 01:20:37	Straylight	42.000	18	24Alp PsA	1.1660	9700.0	84	28943	No
12	GOM_NL__2PRFIN20070913_013416_000000412061_00332_28943_5230.N1	13-SEP-2007 01:34:16	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28943	No
13	GOM_NL__2PRFIN20070913_013830_000000392061_00332_28943_5231.N1	13-SEP-2007 01:38:30	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28943	No
14	GOM_NL__2PRFIN20070913_014837_000000412061_00332_28943_5232.N1	13-SEP-2007 01:48:37	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	28943	No
15	GOM_NL__2PRFIN20070913_015030_000000432061_00332_28943_5233.N1	13-SEP-2007 01:50:30	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	28943	No
16	GOM_NL__2PRFIN20070913_021222_000000422061_00332_28943_5234.N1	13-SEP-2007 02:12:22	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28943	No
17	GOM_NL__2PRFIN20070913_022045_000000432061_00332_28943_5235.N1	13-SEP-2007 02:20:45	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	28943	No
18	GOM_NL__2PRFIN20070913_022928_000000652061_00332_28943_5236.N1	13-SEP-2007 02:29:28	Dark	64.500	1	9Alp CMa	-1.4400	11000.	129	28943	No
19	GOM_NL__2PRFIN20070913_023151_000000482061_00332_28943_5237.N1	13-SEP-2007 02:31:51	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	28943	No
20	GOM_NL__2PRFIN20070913_023407_000000462061_00332_28943_5238.N1	13-SEP-2007 02:34:07	Dark	46.000	177	1Zet CMa	3.0220	26000.	92	28943	No
21	GOM_NL__2PRFIN20070913_023816_000000522061_00332_28943_5239.N1	13-SEP-2007 02:38:16	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	28943	No
22	GOM_NL__2PRFIN20070913_024837_000000422061_00333_28944_5240.N1	13-SEP-2007 02:48:37	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	28944	No
23	GOM_NL__2PRFIN20070913_025002_000000432061_00333_28944_5241.N1	13-SEP-2007 02:50:02	Dark	42.500	9	Alp Eri	0.45300	24000.	85	28944	No
24	GOM_NL__2PRFIN20070913_025550_000000422061_00333_28944_5242.N1	13-SEP-2007 02:55:50	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	28944	No
25	GOM_NL__2PRFIN20070913_030113_000000452061_00333_28944_5243.N1	13-SEP-2007 03:01:13	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28944	No
26	GOM_NL__2PRFIN20070913_031451_000000422061_00333_28944_5244.N1	13-SEP-2007 03:14:51	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	28944	No
27	GOM_NL__2PRFIN20070913_031905_000000402061_00333_28944_5245.N1	13-SEP-2007 03:19:05	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28944	No
28	GOM_NL__2PRFIN20070913_032912_000000372061_00333_28944_5246.N1	13-SEP-2007 03:29:12	Bright	37.000	74	11Bet Cas	2.2680	6600.0	74	28944	No
29	GOM_NL__2PRFIN20070913_033105_000000412061_00333_28944_5247.N1	13-SEP-2007 03:31:05	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	28944	No
30	GOM_NL__2PRFIN20070913_035258_000000432061_00333_28944_5248.N1	13-SEP-2007 03:52:58	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	28944	No
31	GOM_NL__2PRFIN20070913_040122_000000432061_00333_28944_5249.N1	13-SEP-2007 04:01:22	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	28944	No
32	GOM_NL__2PRFIN20070913_041005_000000552061_00333_28944_5250.N1	13-SEP-2007 04:10:05	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	28944	No
33	GOM_NL__2PRFIN20070913_041227_000000482061_00333_28944_5251.N1	13-SEP-2007 04:12:27	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	28944	No
34	GOM_NL__2PRFIN20070913_041444_000000462061_00333_28944_5252.N1	13-SEP-2007 04:14:44	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28944	No
35	GOM_NL__2PRFIN20070913_041853_000000562061_00334_28945_5253.N1	13-SEP-2007 04:18:53	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	28945	No
36	GOM_NL__2PRFIN20070913_042914_000000402061_00334_28945_5247.N1	13-SEP-2007 04:29:14	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28945	No
37	GOM_NL__2PRFIN20070913_043038_000000452061_00334_28945_5248.N1	13-SEP-2007 04:30:38	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28945	No
38	GOM_NL__2PRFIN20070913_043626_000000452061_00334_28945_5249.N1	13-SEP-2007 04:36:26	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	28945	No
39	GOM_NL__2PRFIN20070913_044149_000000452061_00334_28945_5250.N1	13-SEP-2007 04:41:49	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28945	No
40	GOM_NL__2PRFIN20070913_045527_000000412061_00334_28945_5251.N1	13-SEP-2007 04:55:27	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28945	No
41	GOM_NL__2PRFIN20070913_045941_000000382061_00334_28945_5252.N1	13-SEP-2007 04:59:41	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28945	No
42	GOM_NL__2PRFIN20070913_050947_000000422061_00334_28945_5253.N1	13-SEP-2007 05:09:47	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28945	No

43	GOM_NL__2PRFIN20070913_051140_000000442061_00334_28945_5254.N1	13-SEP-2007 05:11:40	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	28945	No
44	GOM_NL__2PRFIN20070913_053334_000000432061_00334_28945_5255.N1	13-SEP-2007 05:33:34	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	28945	No
45	GOM_NL__2PRFIN20070913_054158_000000462061_00334_28945_5256.N1	13-SEP-2007 05:41:58	Twilight	46.000	8	10Alp CMi	0.40000	6500.0	92	28945	No
46	GOM_NL__2PRFIN20070913_055042_000000562061_00334_28945_5257.N1	13-SEP-2007 05:50:42	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	28945	No
47	GOM_NL__2PRFIN20070913_055304_000000472061_00334_28945_5258.N1	13-SEP-2007 05:53:04	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	28945	No
48	GOM_NL__2PRFIN20070913_055521_000000482061_00334_28945_5259.N1	13-SEP-2007 05:55:21	Dark	48.000	177	1Zet CMa	3.0220	26000.	96	28945	No
49	GOM_NL__2PRFIN20070913_055930_000000562061_00335_28946_5260.N1	13-SEP-2007 05:59:30	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	28946	No
50	GOM_NL__2PRFIN20070913_060950_000000402061_00335_28946_5271.N1	13-SEP-2007 06:09:50	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28946	No
51	GOM_NL__2PRFIN20070913_061115_000000472061_00335_28946_5272.N1	13-SEP-2007 06:11:15	Dark	46.500	9	Alp Eri	0.45300	24000.	93	28946	No
52	GOM_NL__2PRFIN20070913_061702_000000472061_00335_28946_5273.N1	13-SEP-2007 06:17:02	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28946	No
53	GOM_NL__2PRFIN20070913_062225_000000432061_00335_28946_5274.N1	13-SEP-2007 06:22:25	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	28946	No
54	GOM_NL__2PRFIN20070913_063603_000000412061_00335_28946_5275.N1	13-SEP-2007 06:36:03	Bright	40.500	90	54Alp Peg	2.4870	11000.	81	28946	No
55	GOM_NL__2PRFIN20070913_064017_000000402061_00335_28946_5276.N1	13-SEP-2007 06:40:17	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28946	No
56	GOM_NL__2PRFIN20070913_065023_000000422061_00335_28946_5277.N1	13-SEP-2007 06:50:23	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28946	No
57	GOM_NL__2PRFIN20070913_065216_000000422061_00335_28946_5278.N1	13-SEP-2007 06:52:16	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	28946	No
58	GOM_NL__2PRFIN20070913_071410_000000422061_00335_28946_5279.N1	13-SEP-2007 07:14:10	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28946	No
59	GOM_NL__2PRFIN20070913_072234_000000592061_00335_28946_5280.N1	13-SEP-2007 07:22:34	Twilight	58.500	8	10Alp CMi	0.40000	6500.0	117	28946	No
60	GOM_NL__2PRFIN20070913_073119_000000602061_00335_28946_5281.N1	13-SEP-2007 07:31:19	Dark	60.000	1	9Alp CMa	-1.4400	11000.	120	28946	No
61	GOM_NL__2PRFIN20070913_073341_000000462061_00335_28946_5282.N1	13-SEP-2007 07:33:41	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	28946	No
62	GOM_NL__2PRFIN20070913_073558_000000472061_00335_28946_5283.N1	13-SEP-2007 07:35:58	Dark	47.000	177	1Zet CMa	3.0220	26000.	94	28946	No
63	GOM_NL__2PRFIN20070913_074006_000000562061_00336_28947_5284.N1	13-SEP-2007 07:40:06	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	28947	No
64	GOM_NL__2PRFIN20070913_075027_000000402061_00336_28947_5282.N1	13-SEP-2007 07:50:27	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28947	No
65	GOM_NL__2PRFIN20070913_075151_000000562061_00336_28947_5283.N1	13-SEP-2007 07:51:51	Dark	55.500	9	Alp Eri	0.45300	24000.	111	28947	No
66	GOM_NL__2PRFIN20070913_075739_000000452061_00336_28947_5284.N1	13-SEP-2007 07:57:39	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	28947	No
67	GOM_NL__2PRFIN20070913_080301_000000452061_00336_28947_5285.N1	13-SEP-2007 08:03:01	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28947	No
68	GOM_NL__2PRFIN20070913_081639_000000412061_00336_28947_5286.N1	13-SEP-2007 08:16:39	Bright	40.500	90	54Alp Peg	2.4870	11000.	81	28947	No
69	GOM_NL__2PRFIN20070913_082053_000000402061_00336_28947_5287.N1	13-SEP-2007 08:20:53	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28947	No
70	GOM_NL__2PRFIN20070913_083058_000000412061_00336_28947_5288.N1	13-SEP-2007 08:30:58	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	28947	No
71	GOM_NL__2PRFIN20070913_083251_000000432061_00336_28947_5289.N1	13-SEP-2007 08:32:51	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	28947	No
72	GOM_NL__2PRFIN20070913_085446_000000602061_00336_28947_5290.N1	13-SEP-2007 08:54:46	Bright	60.000	24	66Alp Gem	1.5800	10200.	120	28947	No
73	GOM_NL__2PRFIN20070913_090311_000000432061_00336_28947_5291.N1	13-SEP-2007 09:03:11	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	28947	No
74	GOM_NL__2PRFIN20070913_091156_000000612061_00336_28947_5292.N1	13-SEP-2007 09:11:56	Dark	61.000	1	9Alp CMa	-1.4400	11000.	122	28947	No
75	GOM_NL__2PRFIN20070913_091418_000000512061_00336_28947_5293.N1	13-SEP-2007 09:14:18	Dark	51.000	23	21Eps CMa	1.5020	26000.	102	28947	No
76	GOM_NL__2PRFIN20070913_091635_000000482061_00336_28947_5294.N1	13-SEP-2007 09:16:35	Dark	47.500	177	1Zet CMa	3.0220	26000.	95	28947	No
77	GOM_NL__2PRFIN20070913_092043_000000562061_00337_28948_5295.N1	13-SEP-2007 09:20:43	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	28948	No
78	GOM_NL__2PRFIN20070913_093103_000000402061_00337_28948_5316.N1	13-SEP-2007 09:31:03	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28948	No
79	GOM_NL__2PRFIN20070913_093227_000000482061_00337_28948_5317.N1	13-SEP-2007 09:32:27	Dark	48.000	9	Alp Eri	0.45300	24000.	96	28948	No
80	GOM_NL__2PRFIN20070913_093815_000000462061_00337_28948_5318.N1	13-SEP-2007 09:38:15	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	28948	No
81	GOM_NL__2PRFIN20070913_094337_000000452061_00337_28948_5319.N1	13-SEP-2007 09:43:37	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28948	No
82	GOM_NL__2PRFIN20070913_095714_000000412061_00337_28948_5320.N1	13-SEP-2007 09:57:14	Bright	40.500	90	54Alp Peg	2.4870	11000.	81	28948	No
83	GOM_NL__2PRFIN20070913_100128_000000362061_00337_28948_5321.N1	13-SEP-2007 10:01:28	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	28948	No
84	GOM_NL__2PRFIN20070913_101134_000000412061_00337_28948_5322.N1	13-SEP-2007 10:11:34	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	28948	No
85	GOM_NL__2PRFIN20070913_101326_000000412061_00337_28948_5323.N1	13-SEP-2007 10:13:26	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	28948	No
86	GOM_NL__2PRFIN20070913_103522_000000602061_00337_28948_5324.N1	13-SEP-2007 10:35:22	Bright	60.000	24	66Alp Gem	1.5800	10200.	120	28948	No
87	GOM_NL__2PRFIN20070913_104347_000000502061_00337_28948_5325.N1	13-SEP-2007 10:43:47	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	28948	No
88	GOM_NL__2PRFIN20070913_105233_000000562061_00337_28948_5326.N1	13-SEP-2007 10:52:33	Dark	56.000	1	9Alp CMa	-1.4400	11000.	112	28948	No
89	GOM_NL__2PRFIN20070913_105454_000000462061_00337_28948_5327.N1	13-SEP-2007 10:54:54	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	28948	No
90	GOM_NL__2PRFIN20070913_105711_000000482061_00337_28948_5328.N1	13-SEP-2007 10:57:11	Dark	47.500	177	1Zet CMa	3.0220	26000.	95	28948	No
91	GOM_NL__2PRFIN20070913_110119_000000442061_00338_28949_5329.N1	13-SEP-2007 11:01:19	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	28949	No
92	GOM_NL__2PRFIN20070913_111140_000000412061_00338_28949_5330.N1	13-SEP-2007 11:11:40	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28949	No
93	GOM_NL__2PRFIN20070913_111304_000000482061_00338_28949_5331.N1	13-SEP-2007 11:13:04	Dark	48.000	9	Alp Eri	0.45300	24000.	96	28949	No
94	GOM_NL__2PRFIN20070913_111851_000000502061_00338_28949_5332.N1	13-SEP-2007 11:18:51	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	28949	No
95	GOM_NL__2PRFIN20070913_112414_000000422061_00338_28949_5333.N1	13-SEP-2007 11:24:14	Straylight	41.500	18	24Alp PsA	1.1660	9700.0	83	28949	No
96	GOM_NL__2PRFIN20070913_113750_000000402061_00338_28949_5334.N1	13-SEP-2007 11:37:50	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	28949	No
97	GOM_NL__2PRFIN20070913_114204_000000382061_00338_28949_5335.N1	13-SEP-2007 11:42:04	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28949	No
98	GOM_NL__2PRFIN20070913_115209_000000422061_00338_28949_5336.N1	13-SEP-2007 11:52:09	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	28949	No
99	GOM_NL__2PRFIN20070913_115402_000000422061_00338_28949_5337.N1	13-SEP-2007 11:54:02	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	28949	No
100	GOM_NL__2PRFIN20070913_121558_000000422061_00338_28949_5338.N1	13-SEP-2007 12:15:58	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28949	No
101	GOM_NL__2PRFIN20070913_122423_000000592061_00338_28949_5339.N1	13-SEP-2007 12:24:23	Twilight	58.500	8	10Alp CMi	0.40000	6500.0	117	28949	No

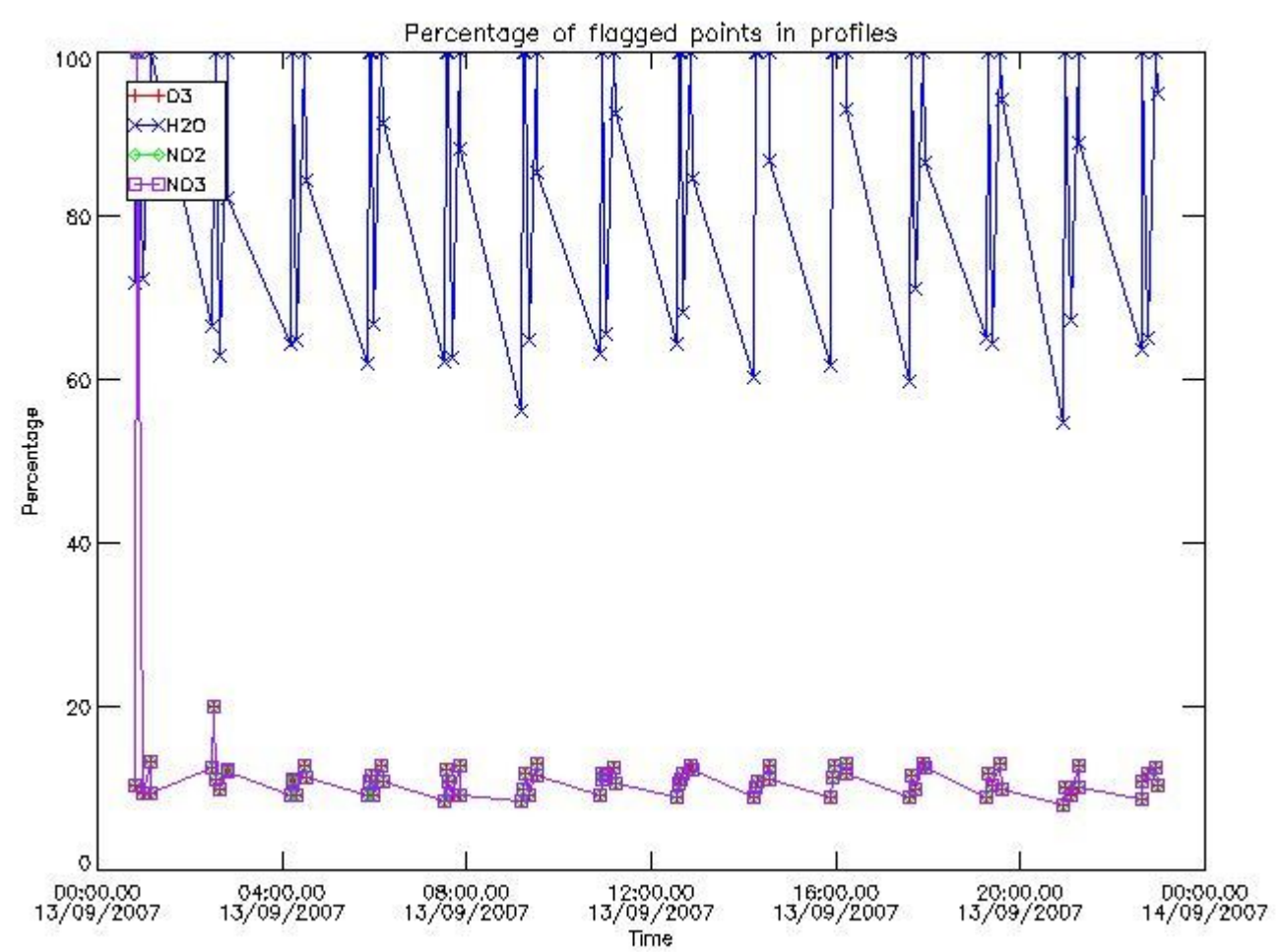
102	GOM_NL__2PRFIN20070913_123309_000000572061_00338_28949_5340.N1	13-SEP-2007 12:33:09	Dark	56.500	1	9Alp CMa	-1.4400	11000.	113	28949	No
103	GOM_NL__2PRFIN20070913_123531_000000492061_00338_28949_5341.N1	13-SEP-2007 12:35:31	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	28949	No
104	GOM_NL__2PRFIN20070913_123748_000000462061_00338_28949_5342.N1	13-SEP-2007 12:37:48	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28949	No
105	GOM_NL__2PRFIN20070913_124155_000000432061_00339_28950_5343.N1	13-SEP-2007 12:41:55	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	28950	No
106	GOM_NL__2PRFIN20070913_125216_000000402061_00339_28950_5341.N1	13-SEP-2007 12:52:16	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28950	No
107	GOM_NL__2PRFIN20070913_125340_000000462061_00339_28950_5342.N1	13-SEP-2007 12:53:40	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28950	No
108	GOM_NL__2PRFIN20070913_125928_000000422061_00339_28950_5343.N1	13-SEP-2007 12:59:28	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	28950	No
109	GOM_NL__2PRFIN20070913_130450_000000452061_00339_28950_5344.N1	13-SEP-2007 13:04:50	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28950	No
110	GOM_NL__2PRFIN20070913_131825_000000412061_00339_28950_5345.N1	13-SEP-2007 13:18:25	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28950	No
111	GOM_NL__2PRFIN20070913_132221_000000422061_00339_28950_5346.N1	13-SEP-2007 13:22:21	Bright	41.500	93	53Bet Peg	2.5200	3100.0	83	28950	No
112	GOM_NL__2PRFIN20070913_133244_000000432061_00339_28950_5347.N1	13-SEP-2007 13:32:44	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	28950	No
113	GOM_NL__2PRFIN20070913_133437_000000442061_00339_28950_5348.N1	13-SEP-2007 13:34:37	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	28950	No
114	GOM_NL__2PRFIN20070913_135634_000000422061_00339_28950_5349.N1	13-SEP-2007 13:56:34	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28950	No
115	GOM_NL__2PRFIN20070913_140500_000000532061_00339_28950_5350.N1	13-SEP-2007 14:05:00	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	28950	No
116	GOM_NL__2PRFIN20070913_141346_000000572061_00339_28950_5351.N1	13-SEP-2007 14:13:46	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	28950	No
117	GOM_NL__2PRFIN20070913_141608_000000512061_00339_28950_5352.N1	13-SEP-2007 14:16:08	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	28950	No
118	GOM_NL__2PRFIN20070913_141825_000000482061_00339_28950_5353.N1	13-SEP-2007 14:18:25	Dark	47.500	177	1Zet CMa	3.0220	26000.	95	28950	No
119	GOM_NL__2PRFIN20070913_143252_000000402061_00340_28951_5362.N1	13-SEP-2007 14:32:52	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28951	No
120	GOM_NL__2PRFIN20070913_143417_000000462061_00340_28951_5363.N1	13-SEP-2007 14:34:17	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28951	No
121	GOM_NL__2PRFIN20070913_144004_000000502061_00340_28951_5364.N1	13-SEP-2007 14:40:04	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	28951	No
122	GOM_NL__2PRFIN20070913_144526_000000442061_00340_28951_5365.N1	13-SEP-2007 14:45:26	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	28951	No
123	GOM_NL__2PRFIN20070913_145901_000000412061_00340_28951_5366.N1	13-SEP-2007 14:59:01	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28951	No
124	GOM_NL__2PRFIN20070913_150257_000000402061_00340_28951_5367.N1	13-SEP-2007 15:02:57	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	28951	No
125	GOM_NL__2PRFIN20070913_151320_000000422061_00340_28951_5368.N1	13-SEP-2007 15:13:20	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	28951	No
126	GOM_NL__2PRFIN20070913_151512_000000442061_00340_28951_5369.N1	13-SEP-2007 15:15:12	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	28951	No
127	GOM_NL__2PRFIN20070913_153710_000000432061_00340_28951_5370.N1	13-SEP-2007 15:37:10	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	28951	No
128	GOM_NL__2PRFIN20070913_154536_000000522061_00340_28951_5371.N1	13-SEP-2007 15:45:36	Twilight	51.500	8	10Alp CMi	0.40000	6500.0	103	28951	No
129	GOM_NL__2PRFIN20070913_155423_000000572061_00340_28951_5372.N1	13-SEP-2007 15:54:23	Dark	56.500	1	9Alp CMa	-1.4400	11000.	113	28951	No
130	GOM_NL__2PRFIN20070913_155644_000000452061_00340_28951_5373.N1	13-SEP-2007 15:56:44	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28951	No
131	GOM_NL__2PRFIN20070913_155902_000000482061_00340_28951_5374.N1	13-SEP-2007 15:59:02	Dark	47.500	177	1Zet CMa	3.0220	26000.	95	28951	No
132	GOM_NL__2PRFIN20070913_161329_000000392061_00341_28952_5375.N1	13-SEP-2007 16:13:29	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28952	No
133	GOM_NL__2PRFIN20070913_161453_000000432061_00341_28952_5376.N1	13-SEP-2007 16:14:53	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28952	No
134	GOM_NL__2PRFIN20070913_162041_000000522061_00341_28952_5377.N1	13-SEP-2007 16:20:41	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	28952	No
135	GOM_NL__2PRFIN20070913_162602_000000452061_00341_28952_5378.N1	13-SEP-2007 16:26:02	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28952	No
136	GOM_NL__2PRFIN20070913_163937_000000402061_00341_28952_5379.N1	13-SEP-2007 16:39:37	Bright	40.000	90	54Alp Peg	2.4870	11000.	80	28952	No
137	GOM_NL__2PRFIN20070913_164333_000000442061_00341_28952_5380.N1	13-SEP-2007 16:43:33	Bright	43.500	93	53Bet Peg	2.5200	3100.0	87	28952	No
138	GOM_NL__2PRFIN20070913_165355_000000422061_00341_28952_5381.N1	13-SEP-2007 16:53:55	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28952	No
139	GOM_NL__2PRFIN20070913_165548_000000422061_00341_28952_5382.N1	13-SEP-2007 16:55:48	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	28952	No
140	GOM_NL__2PRFIN20070913_171746_000000432061_00341_28952_5383.N1	13-SEP-2007 17:17:46	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	28952	No
141	GOM_NL__2PRFIN20070913_172613_000000492061_00341_28952_5384.N1	13-SEP-2007 17:26:13	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	28952	No
142	GOM_NL__2PRFIN20070913_173500_000000582061_00341_28952_5385.N1	13-SEP-2007 17:35:00	Dark	57.500	1	9Alp CMa	-1.4400	11000.	115	28952	No
143	GOM_NL__2PRFIN20070913_173721_000000452061_00341_28952_5386.N1	13-SEP-2007 17:37:21	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28952	No
144	GOM_NL__2PRFIN20070913_174345_000000562061_00342_28953_5390.N1	13-SEP-2007 17:43:45	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	28953	No
145	GOM_NL__2PRFIN20070913_175405_000000392061_00342_28953_5391.N1	13-SEP-2007 17:54:05	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28953	No
146	GOM_NL__2PRFIN20070913_175530_000000412061_00342_28953_5392.N1	13-SEP-2007 17:55:30	Dark	40.500	9	Alp Eri	0.45300	24000.	81	28953	No
147	GOM_NL__2PRFIN20070913_180117_000000512061_00342_28953_5393.N1	13-SEP-2007 18:01:17	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	28953	No
148	GOM_NL__2PRFIN20070913_180638_000000452061_00342_28953_5394.N1	13-SEP-2007 18:06:38	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28953	No
149	GOM_NL__2PRFIN20070913_182013_000000412061_00342_28953_5395.N1	13-SEP-2007 18:20:13	Bright	40.500	90	54Alp Peg	2.4870	11000.	81	28953	No
150	GOM_NL__2PRFIN20070913_182408_000000422061_00342_28953_5396.N1	13-SEP-2007 18:24:08	Bright	42.000	93	53Bet Peg	2.5200	3100.0	84	28953	No
151	GOM_NL__2PRFIN20070913_183431_000000422061_00342_28953_5397.N1	13-SEP-2007 18:34:31	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28953	No
152	GOM_NL__2PRFIN20070913_183623_000000442061_00342_28953_5398.N1	13-SEP-2007 18:36:23	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	28953	No
153	GOM_NL__2PRFIN20070913_185822_000000422061_00342_28953_5399.N1	13-SEP-2007 18:58:22	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28953	No
154	GOM_NL__2PRFIN20070913_190649_000000512061_00342_28953_5400.N1	13-SEP-2007 19:06:49	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	28953	No
155	GOM_NL__2PRFIN20070913_191537_000000582061_00342_28953_5401.N1	13-SEP-2007 19:15:37	Dark	57.500	1	9Alp CMa	-1.4400	11000.	115	28953	No
156	GOM_NL__2PRFIN20070913_191758_000000432061_00342_28953_5402.N1	13-SEP-2007 19:17:58	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28953	No
157	GOM_NL__2PRFIN20070913_192422_000000502061_00343_28954_5404.N1	13-SEP-2007 19:24:22	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	28954	No
158	GOM_NL__2PRFIN20070913_193442_000000392061_00343_28954_5405.N1	13-SEP-2007 19:34:42	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28954	No
159	GOM_NL__2PRFIN20070913_193606_000000522061_00343_28954_5406.N1	13-SEP-2007 19:36:06	Dark	52.000	9	Alp Eri	0.45300	24000.	104	28954	No
160	GOM_NL__2PRFIN20070913_194153_000000502061_00343_28954_5407.N1	13-SEP-2007 19:41:53	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	28954	No

161	GOM_NL__2PRFIN20070913_194714_000000472061_00343_28954_5408.N1	13-SEP-2007 19:47:14	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28954	No
162	GOM_NL__2PRFIN20070913_200048_000000402061_00343_28954_5409.N1	13-SEP-2007 20:00:48	Bright	40.000	90	54Alp Peg	2.4870	11000.	80	28954	No
163	GOM_NL__2PRFIN20070913_200444_000000392061_00343_28954_5410.N1	13-SEP-2007 20:04:44	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	28954	No
164	GOM_NL__2PRFIN20070913_201506_000000442061_00343_28954_5411.N1	13-SEP-2007 20:15:06	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	28954	No
165	GOM_NL__2PRFIN20070913_201658_000000432061_00343_28954_5412.N1	13-SEP-2007 20:16:58	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	28954	No
166	GOM_NL__2PRFIN20070913_203858_000000442061_00343_28954_5413.N1	13-SEP-2007 20:38:58	Bright	43.500	24	66Alp Gem	1.5800	10200.	87	28954	No
167	GOM_NL__2PRFIN20070913_204726_000000492061_00343_28954_5414.N1	13-SEP-2007 20:47:26	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	28954	No
168	GOM_NL__2PRFIN20070913_205614_000000652061_00343_28954_5415.N1	13-SEP-2007 20:56:14	Dark	64.500	1	9Alp CMa	-1.4400	11000.	129	28954	No
169	GOM_NL__2PRFIN20070913_205834_000000502061_00343_28954_5416.N1	13-SEP-2007 20:58:34	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	28954	No
170	GOM_NL__2PRFIN20070913_210458_000000562061_00344_28955_5413.N1	13-SEP-2007 21:04:58	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	28955	No
171	GOM_NL__2PRFIN20070913_211518_000000402061_00344_28955_5414.N1	13-SEP-2007 21:15:18	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28955	No
172	GOM_NL__2PRFIN20070913_211642_000000512061_00344_28955_5415.N1	13-SEP-2007 21:16:42	Dark	50.500	9	Alp Eri	0.45300	24000.	101	28955	No
173	GOM_NL__2PRFIN20070913_212230_000000542061_00344_28955_5416.N1	13-SEP-2007 21:22:30	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	28955	No
174	GOM_NL__2PRFIN20070913_212750_000000432061_00344_28955_5417.N1	13-SEP-2007 21:27:50	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	28955	No
175	GOM_NL__2PRFIN20070913_214124_000000412061_00344_28955_5418.N1	13-SEP-2007 21:41:24	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28955	No
176	GOM_NL__2PRFIN20070913_214519_000000422061_00344_28955_5419.N1	13-SEP-2007 21:45:19	Bright	42.000	93	53Bet Peg	2.5200	3100.0	84	28955	No
177	GOM_NL__2PRFIN20070913_215542_000000422061_00344_28955_5420.N1	13-SEP-2007 21:55:42	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28955	No
178	GOM_NL__2PRFIN20070913_215734_000000432061_00344_28955_5421.N1	13-SEP-2007 21:57:34	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	28955	No
179	GOM_NL__2PRFIN20070913_221934_000000432061_00344_28955_5422.N1	13-SEP-2007 22:19:34	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	28955	No
180	GOM_NL__2PRFIN20070913_222802_000000502061_00344_28955_5423.N1	13-SEP-2007 22:28:02	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	28955	No
181	GOM_NL__2PRFIN20070913_223651_000000602061_00344_28955_5424.N1	13-SEP-2007 22:36:51	Dark	59.500	1	9Alp CMa	-1.4400	11000.	119	28955	No
182	GOM_NL__2PRFIN20070913_223911_000000472061_00344_28955_5425.N1	13-SEP-2007 22:39:11	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	28955	No
183	GOM_NL__2PRFIN20070913_224534_000000522061_00345_28956_5433.N1	13-SEP-2007 22:45:34	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28956	No
184	GOM_NL__2PRFIN20070913_225554_000000412061_00345_28956_5434.N1	13-SEP-2007 22:55:54	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28956	No
185	GOM_NL__2PRFIN20070913_225719_000000492061_00345_28956_5435.N1	13-SEP-2007 22:57:19	Dark	49.000	9	Alp Eri	0.45300	24000.	98	28956	No
186	GOM_NL__2PRFIN20070913_230306_000000482061_00345_28956_5436.N1	13-SEP-2007 23:03:06	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	28956	No
187	GOM_NL__2PRFIN20070913_232200_000000412061_00345_28956_5437.N1	13-SEP-2007 23:22:00	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28956	No
188	GOM_NL__2PRFIN20070913_232555_000000402061_00345_28956_5438.N1	13-SEP-2007 23:25:55	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	28956	No
189	GOM_NL__2PRFIN20070913_233617_000000382061_00345_28956_5439.N1	13-SEP-2007 23:36:17	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	28956	No
190	GOM_NL__2PRFIN20070913_233809_000000432061_00345_28956_5440.N1	13-SEP-2007 23:38:09	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	28956	No

3. Quality information per product

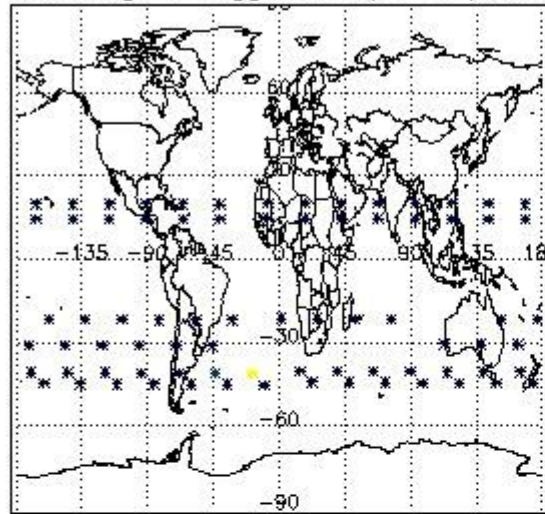
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

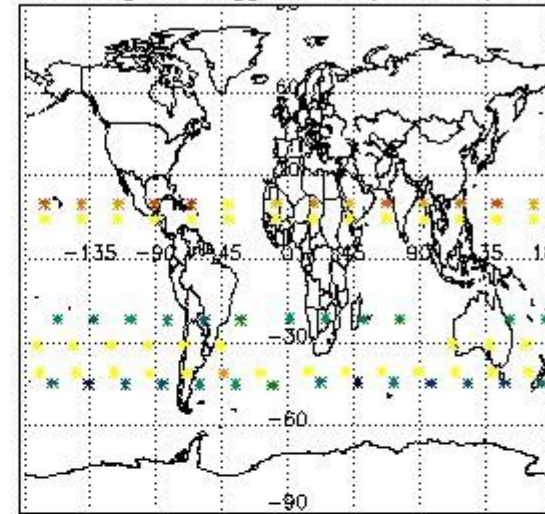


3.2 Plot quality information per product (world map)

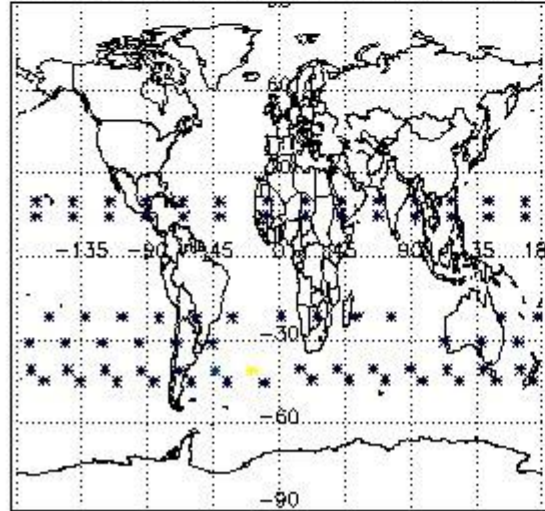
Percentage of flagged data per O3 profile



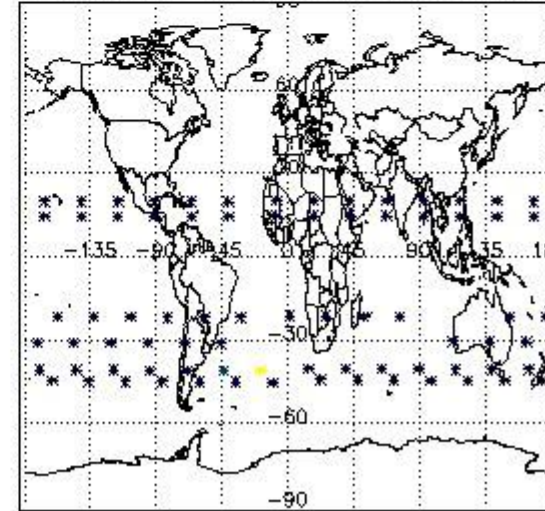
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

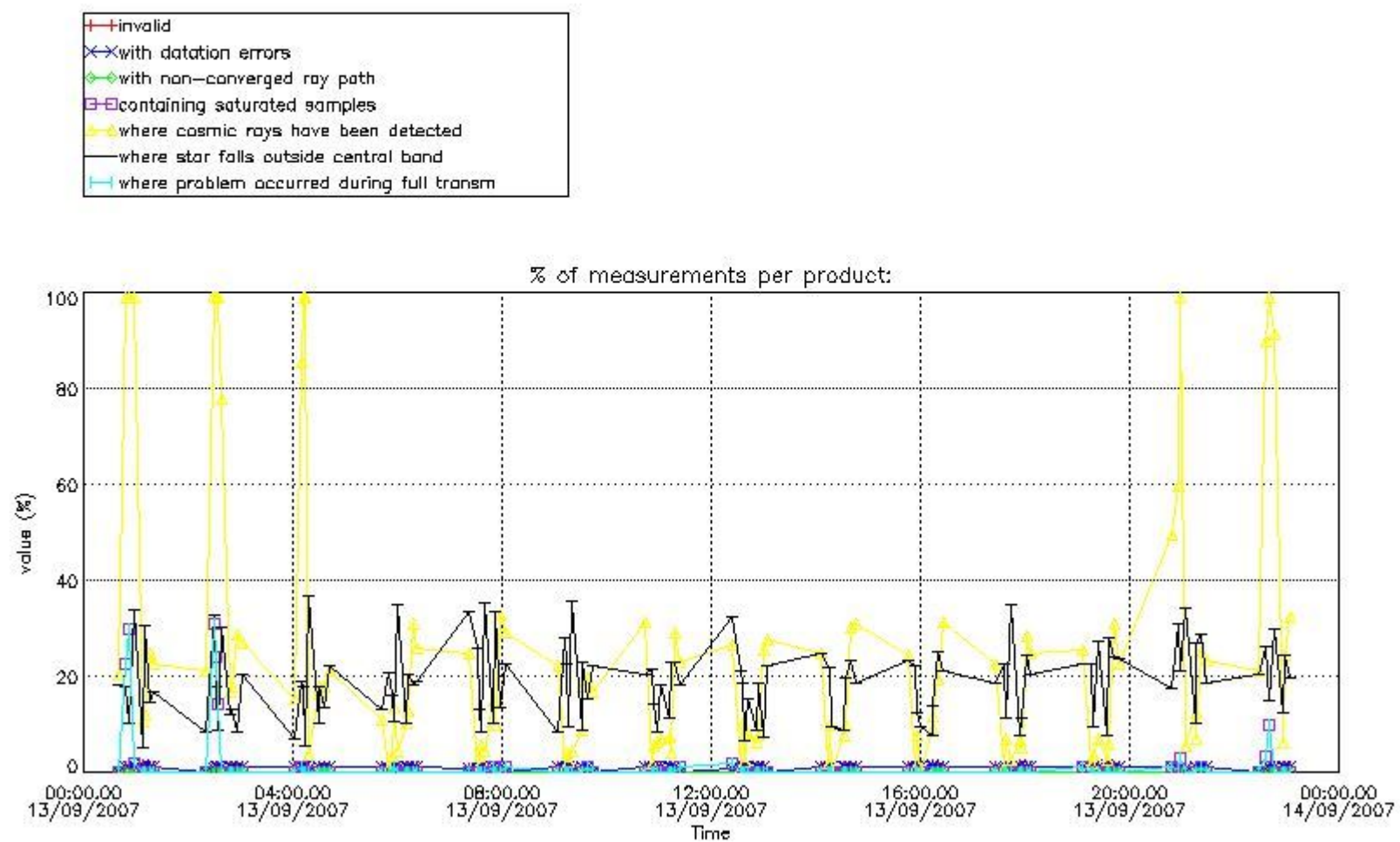


4. Level 1 quality information per product

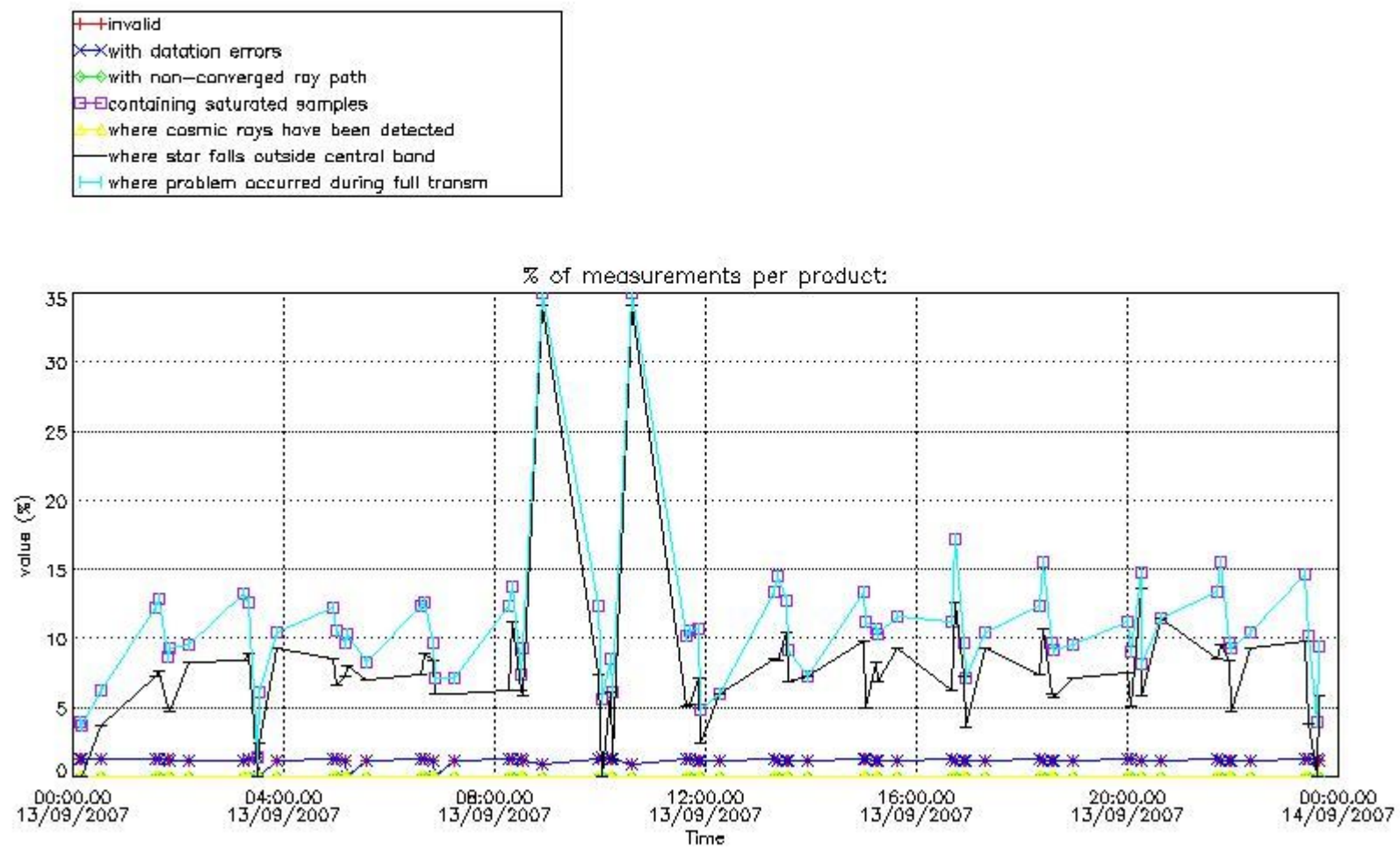
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

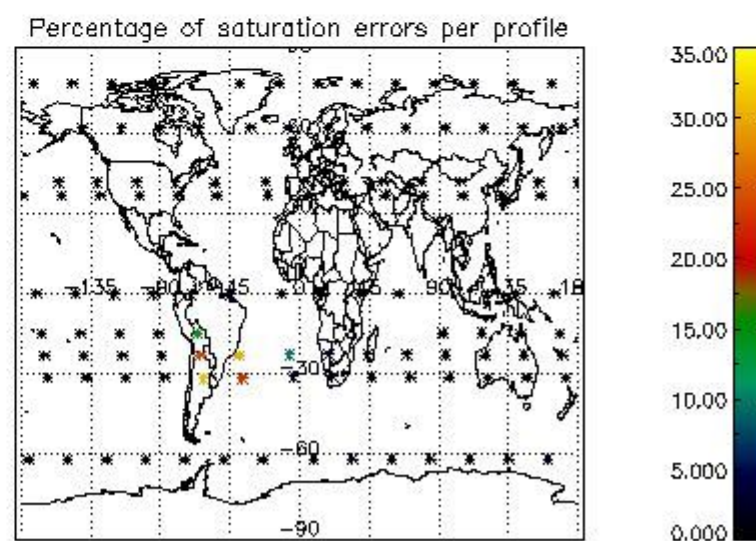
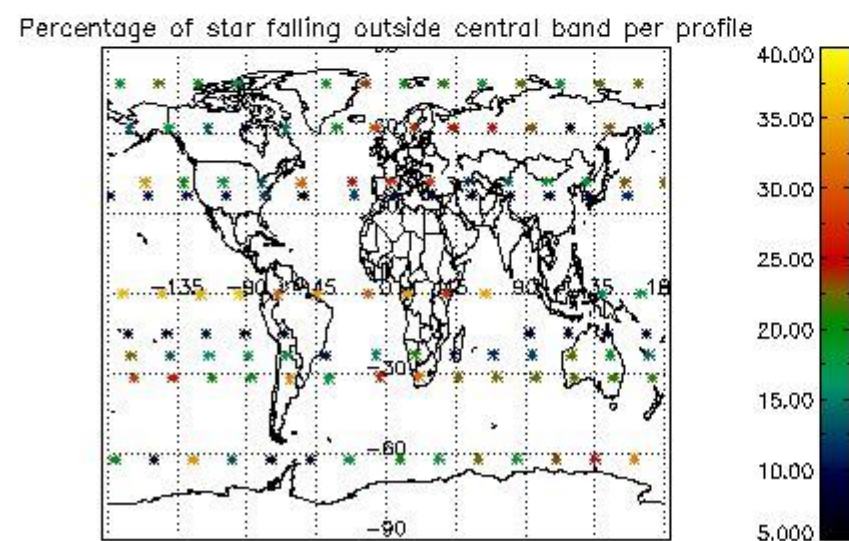
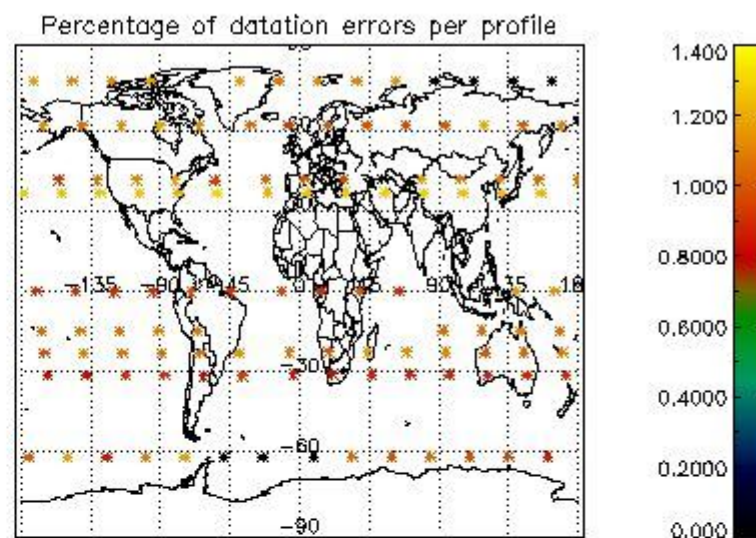
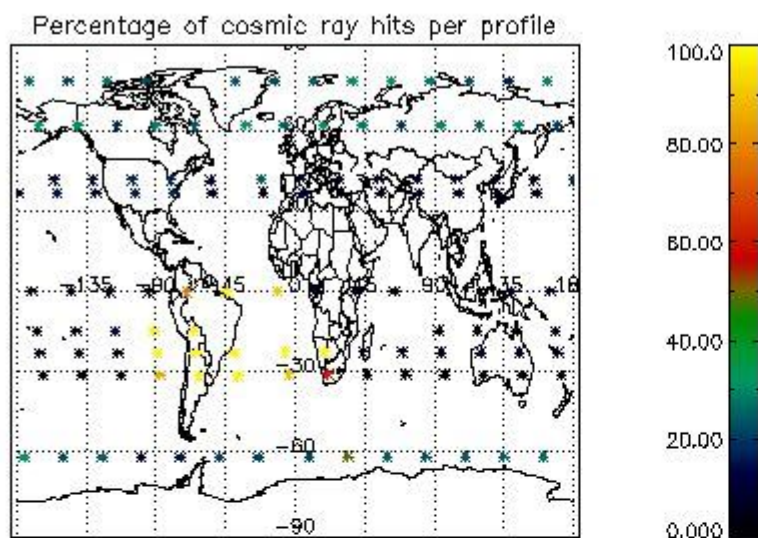


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

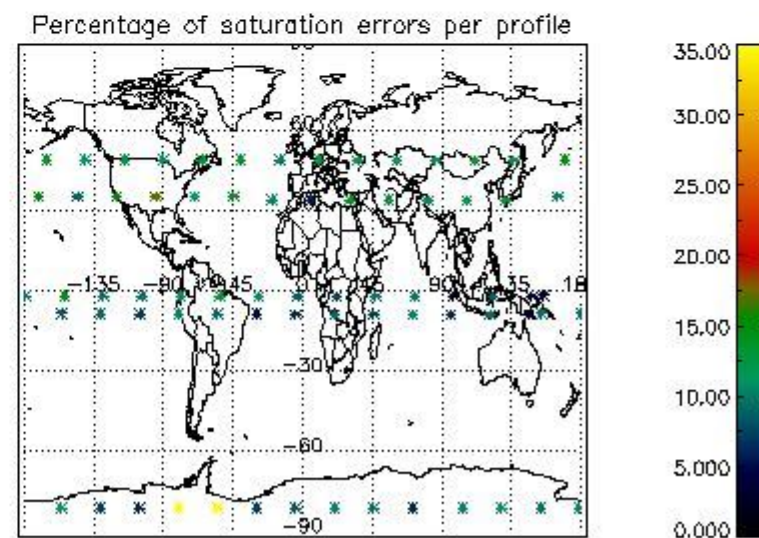
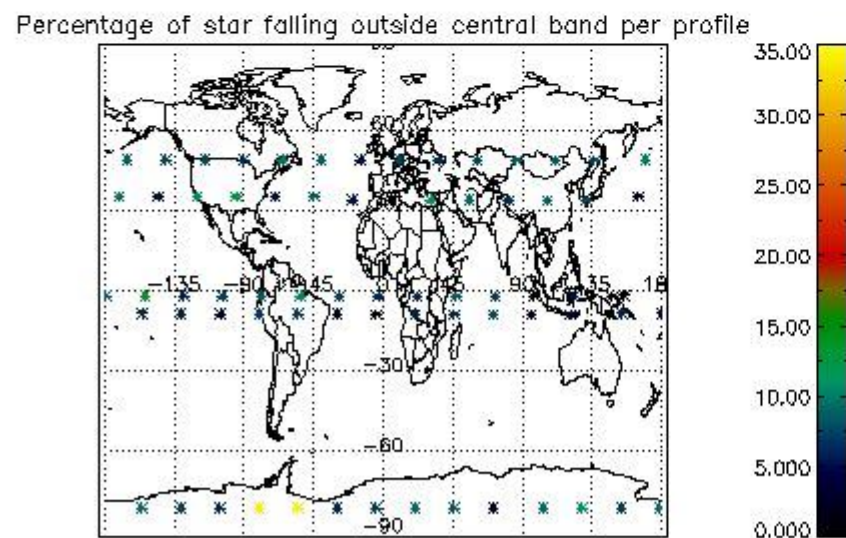
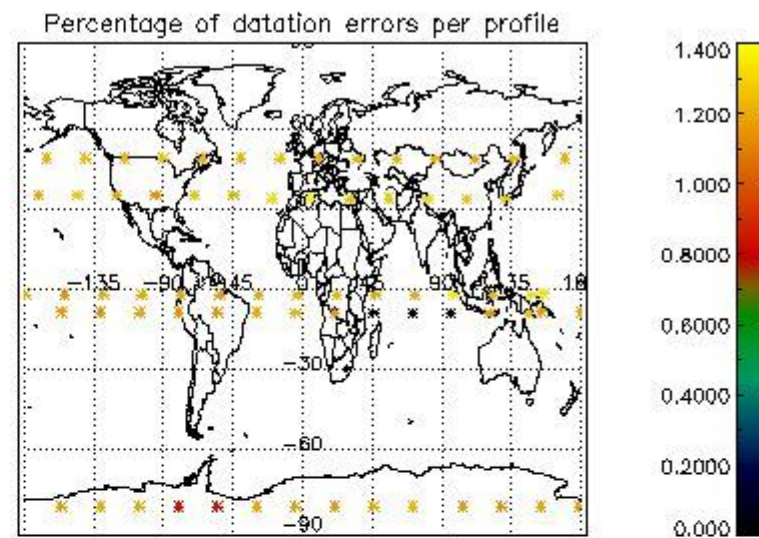
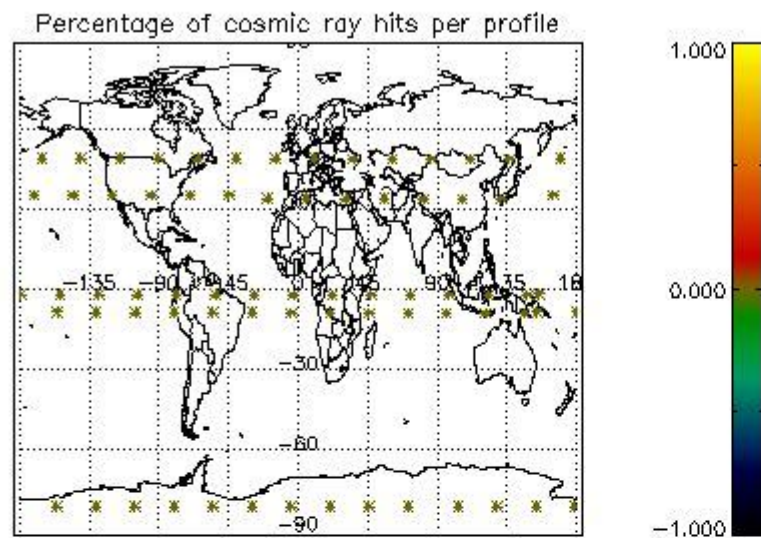


4.2 Plot quality information per product coming from level 1b processing (world map)

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

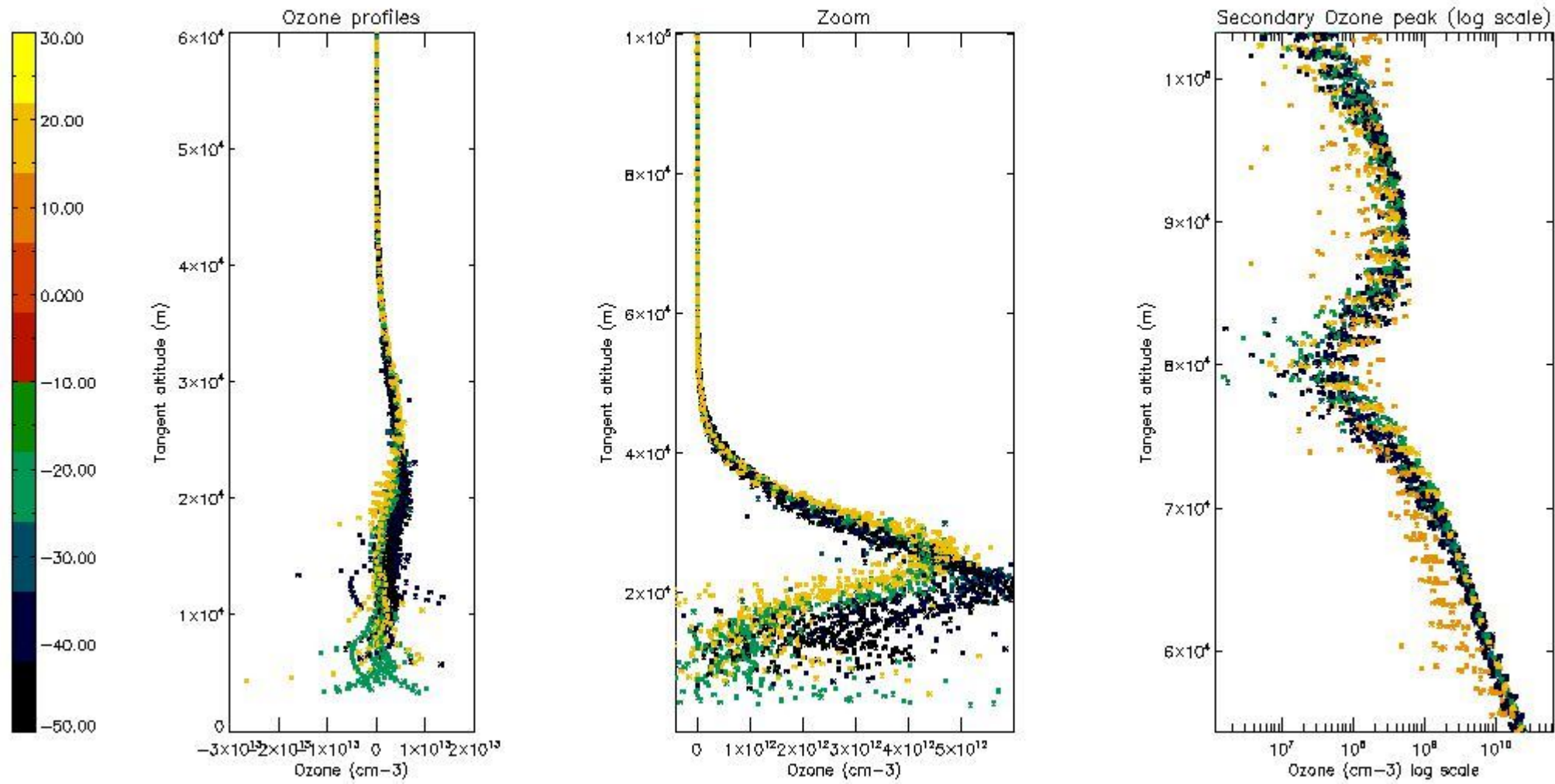
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	44
STD < 20	29

STD < 10	25
STD < 5	20

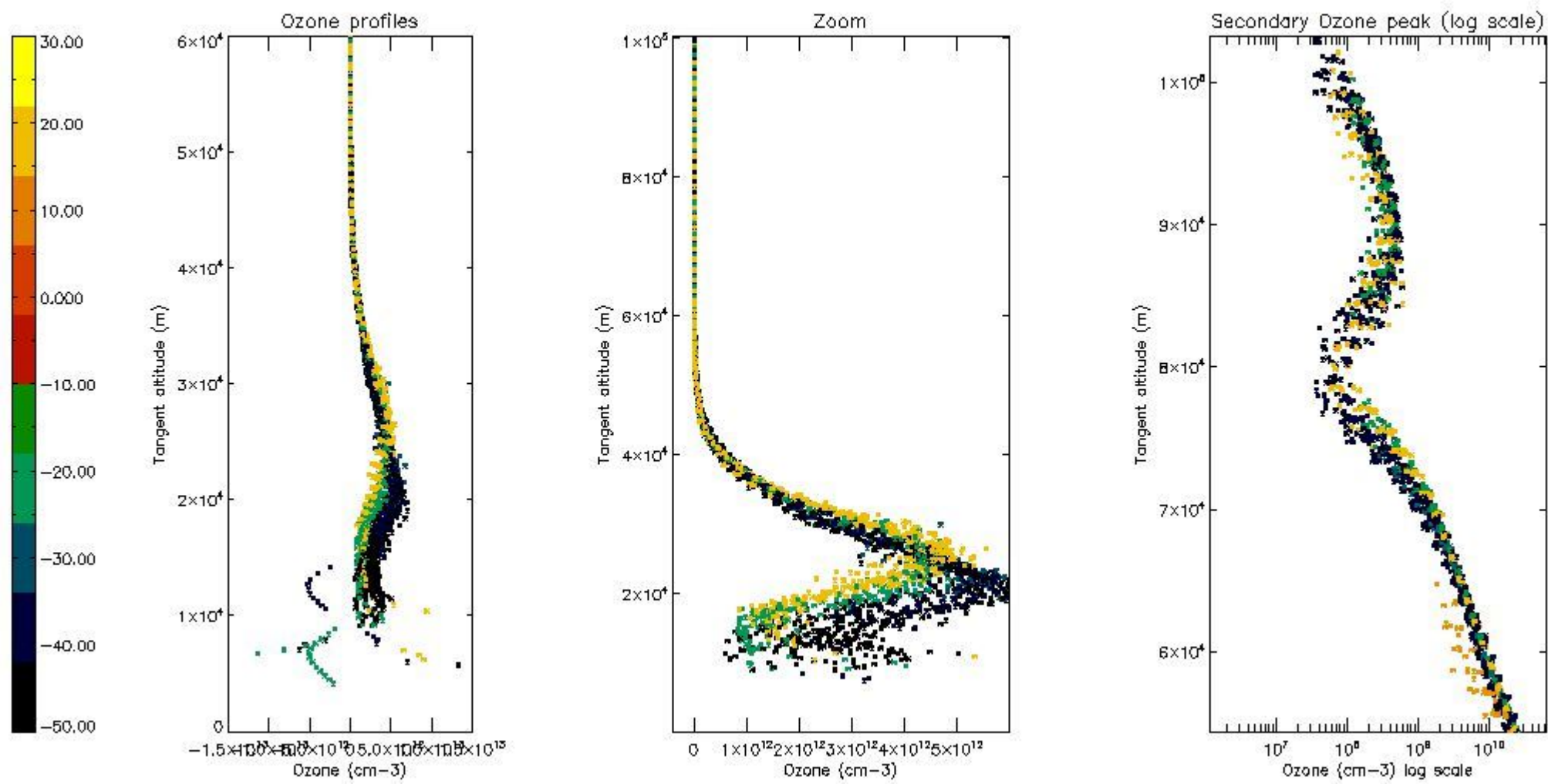
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



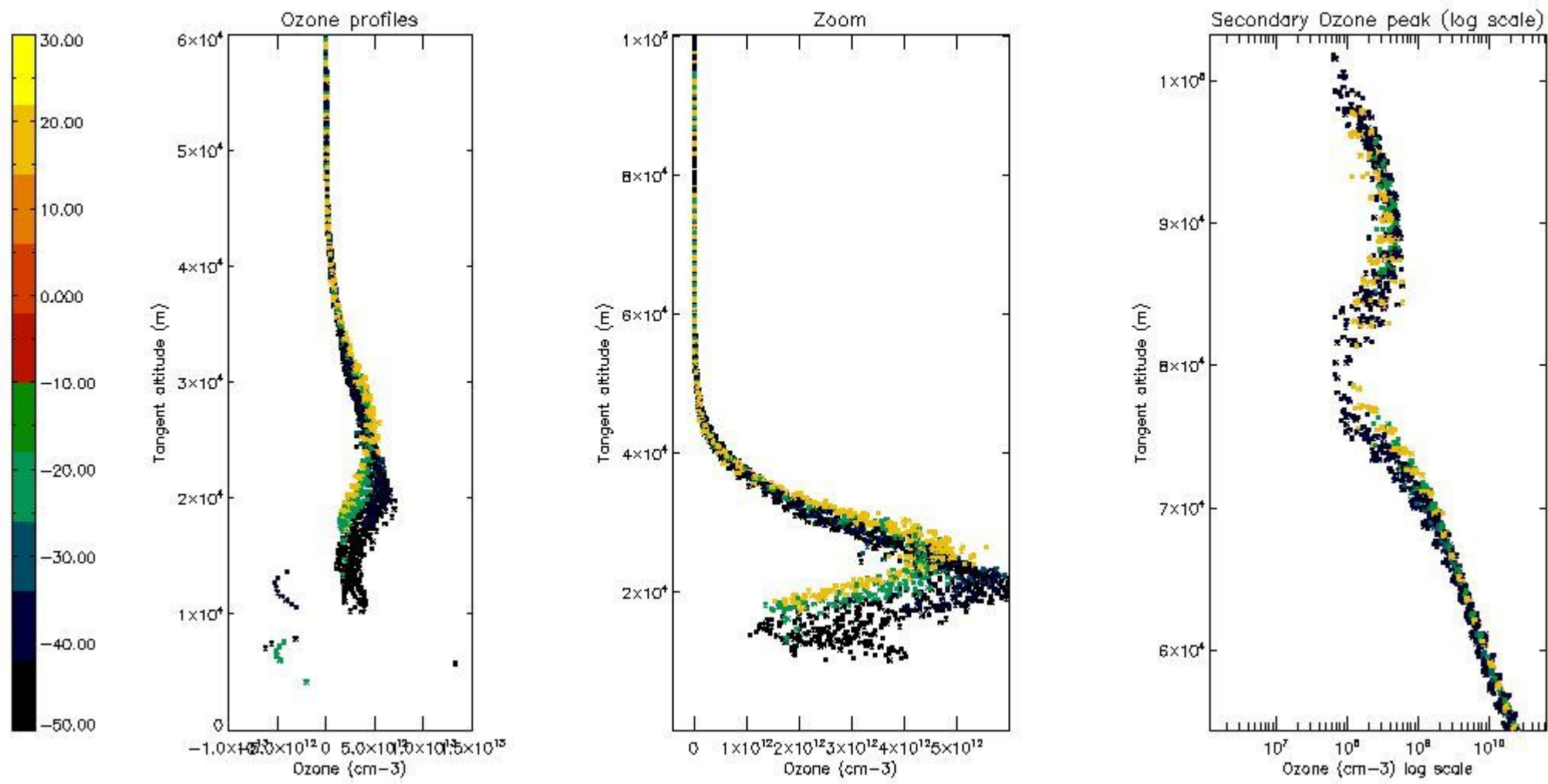
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



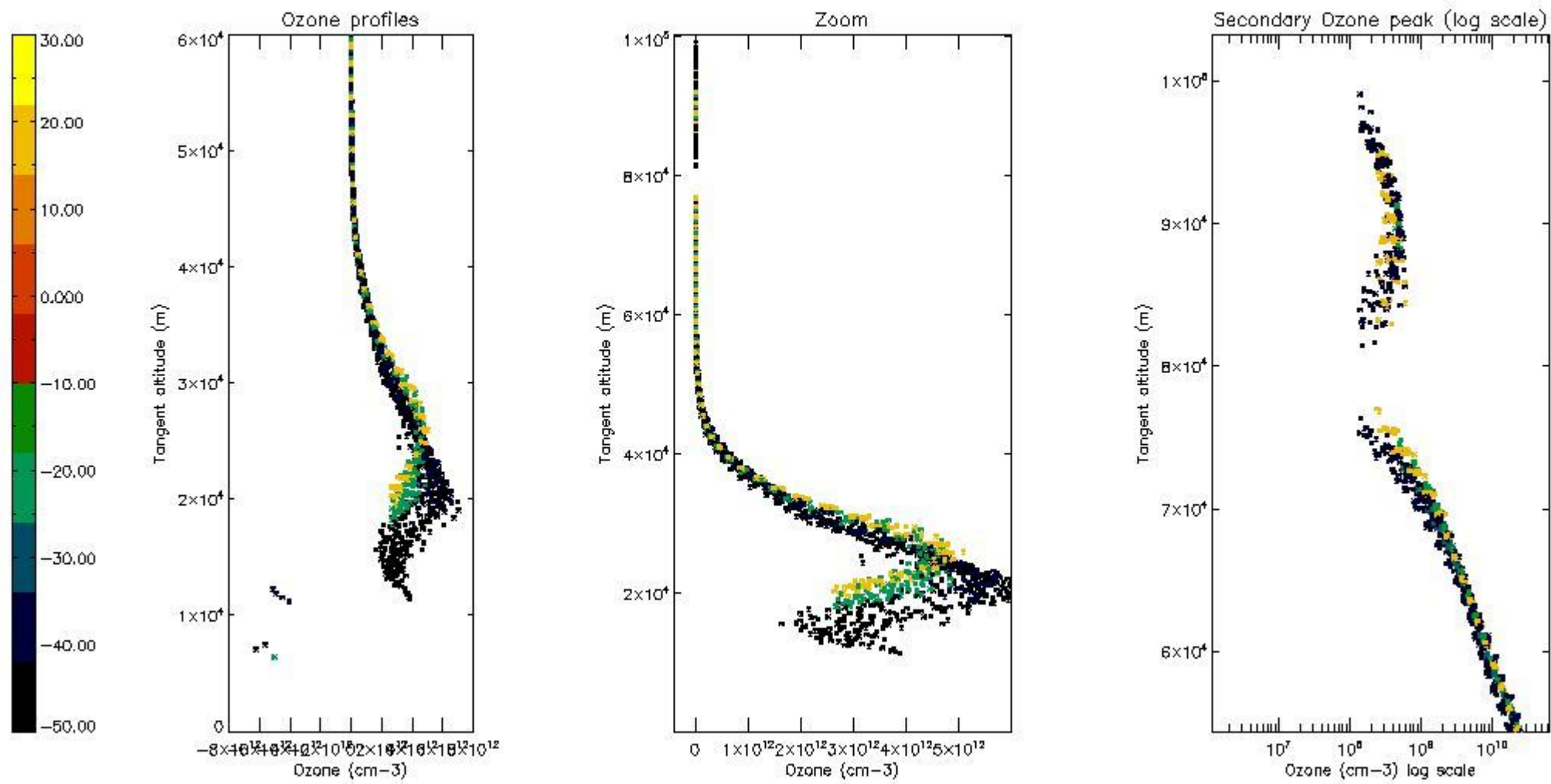
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



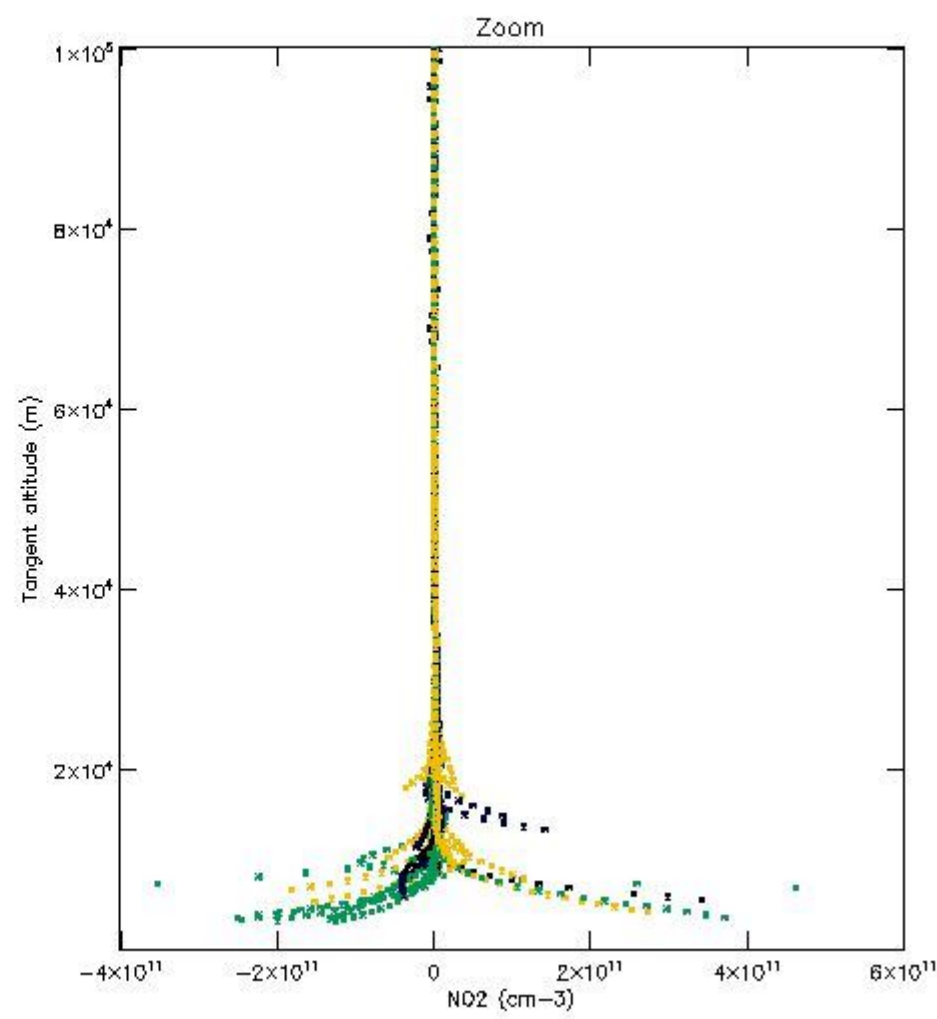
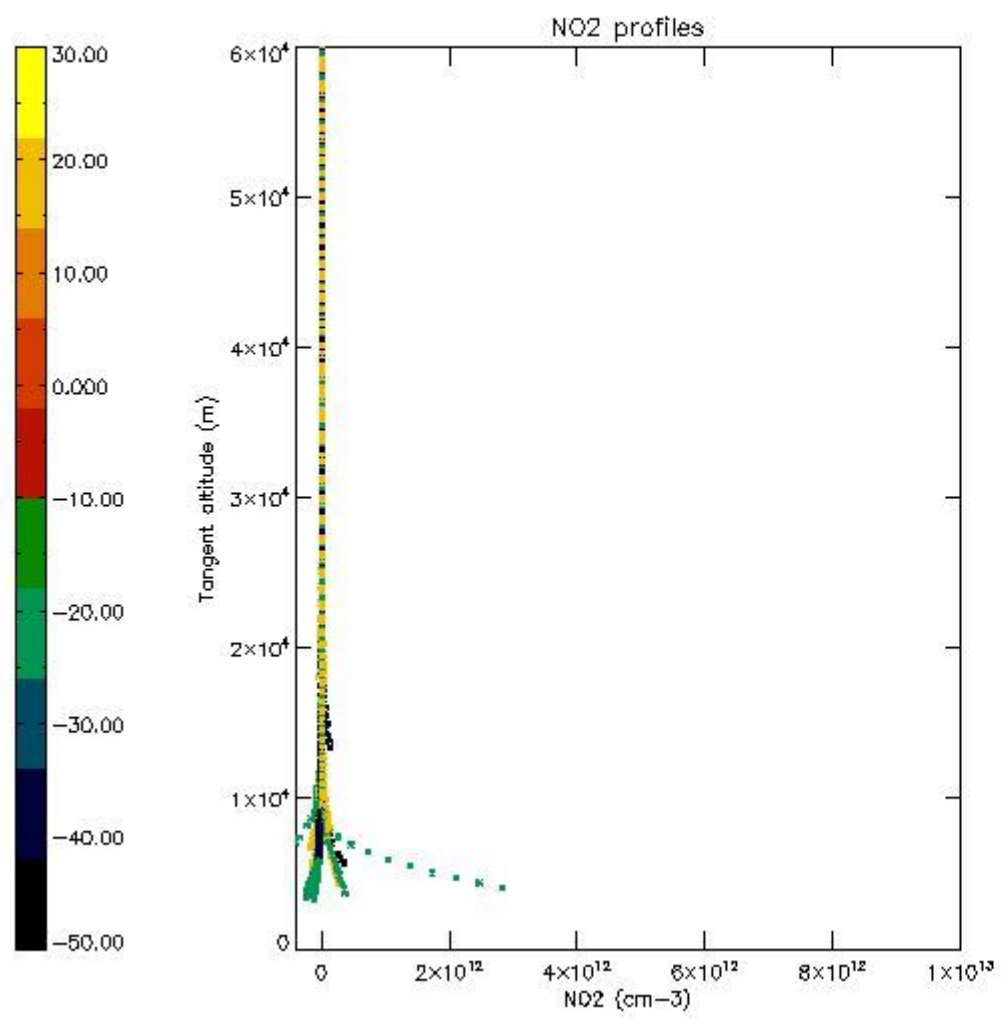
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



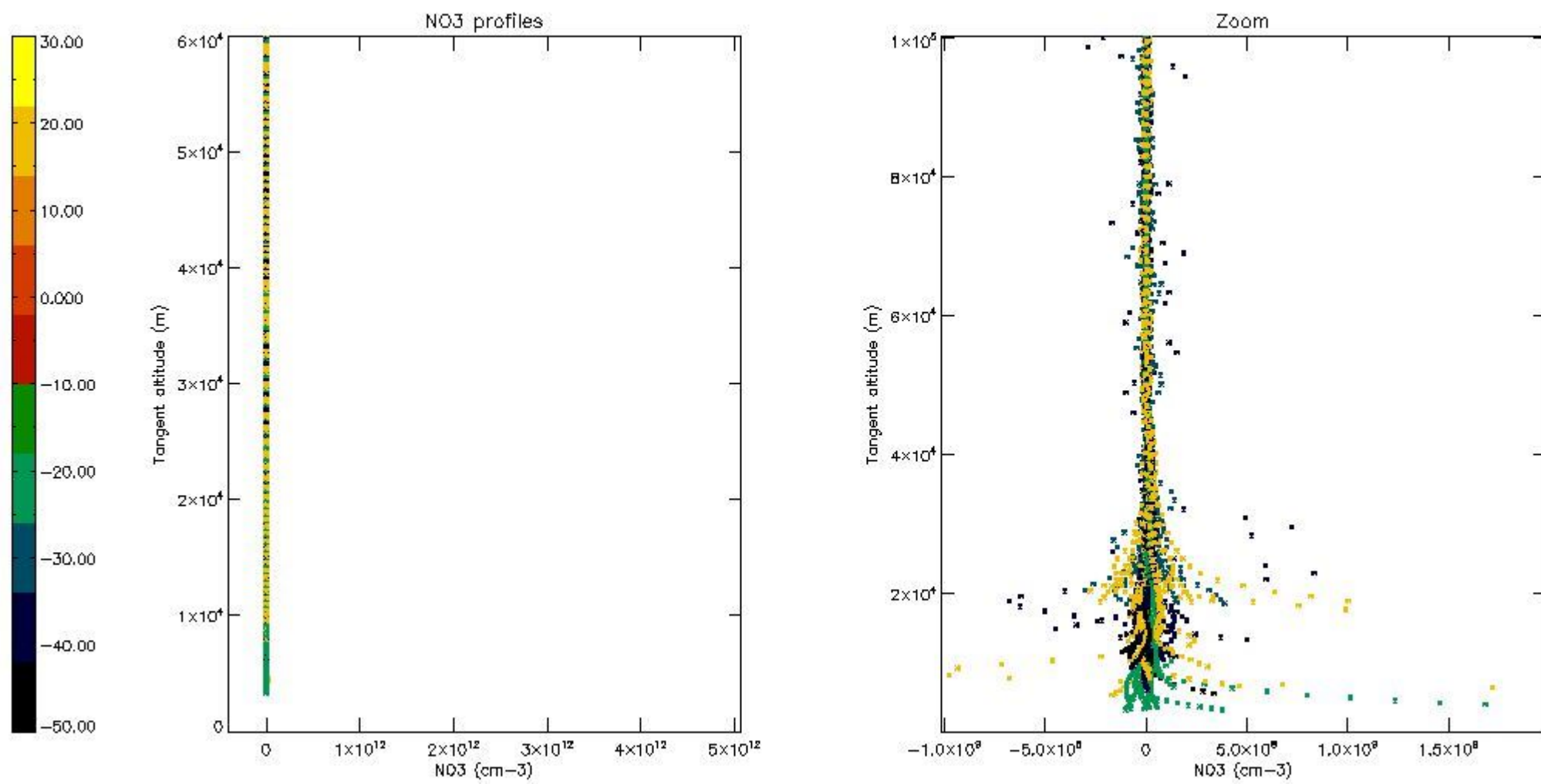
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



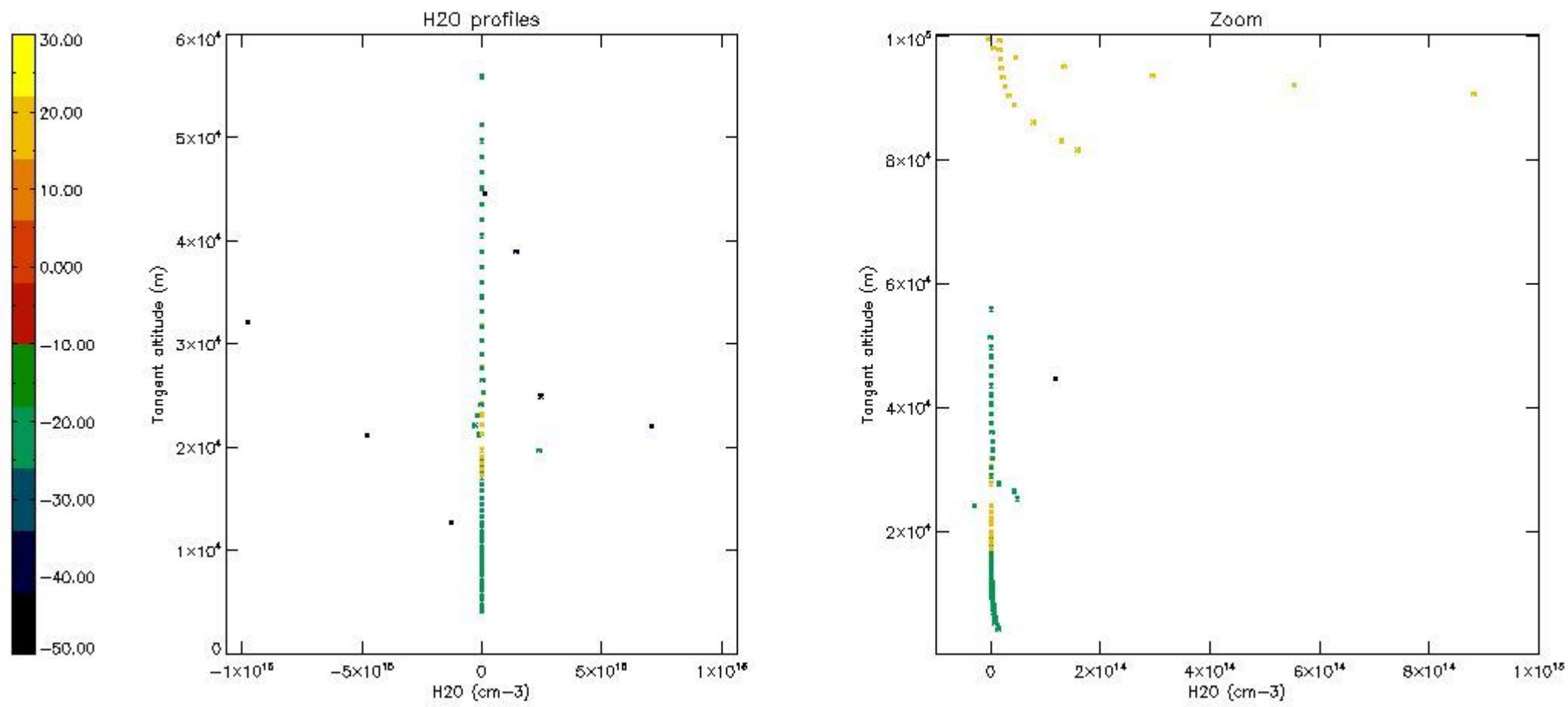
5.7 Plot NO3 profiles for all STD (dark without errors)

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	13-SEP-2007 00:08:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-SEP-2007 00:08:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-SEP-2007 00:08:01

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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[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	23APR2013 04:42:22
Data source version	GOMOS/6.01
Start time of products	13-09-2007 (13SEP2007 00:00:00)
Stop time of products	14-09-2007 (14SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	190
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__2PRFIN20070913_000801_000000382061_00331_28942_5218.N1	13-SEP-2007 00:08:01	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	28942	No
2	GOM_NL__2PRFIN20070913_000954_000000402061_00331_28942_5219.N1	13-SEP-2007 00:09:54	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	28942	No
3	GOM_NL__2PRFIN20070913_003146_000000412061_00331_28942_5220.N1	13-SEP-2007 00:31:46	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	28942	No
4	GOM_NL__2PRFIN20070913_004009_000000472061_00331_28942_5221.N1	13-SEP-2007 00:40:09	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	28942	No
5	GOM_NL__2PRFIN20070913_004851_000000542061_00331_28942_5222.N1	13-SEP-2007 00:48:51	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28942	No
6	GOM_NL__2PRFIN20070913_005114_000000442061_00331_28942_5223.N1	13-SEP-2007 00:51:14	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28942	No
7	GOM_NL__2PRFIN20070913_005740_000000552061_00331_28942_5224.N1	13-SEP-2007 00:57:40	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	28942	No
8	GOM_NL__2PRFIN20070913_010801_000000392061_00332_28943_5226.N1	13-SEP-2007 01:08:01	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28943	No
9	GOM_NL__2PRFIN20070913_010925_000000542061_00332_28943_5227.N1	13-SEP-2007 01:09:25	Dark	54.000	9	Alp Eri	0.45300	24000.	108	28943	No
10	GOM_NL__2PRFIN20070913_011513_000000452061_00332_28943_5228.N1	13-SEP-2007 01:15:13	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	28943	No
11	GOM_NL__2PRFIN20070913_012037_000000422061_00332_28943_5229.N1	13-SEP-2007 01:20:37	Straylight	42.000	18	24Alp PsA	1.1660	9700.0	84	28943	No
12	GOM_NL__2PRFIN20070913_013416_000000412061_00332_28943_5230.N1	13-SEP-2007 01:34:16	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28943	No
13	GOM_NL__2PRFIN20070913_013830_000000392061_00332_28943_5231.N1	13-SEP-2007 01:38:30	Bright	39.000	164	44Eta Peg	2.9480	5400.0	78	28943	No
14	GOM_NL__2PRFIN20070913_014837_000000412061_00332_28943_5232.N1	13-SEP-2007 01:48:37	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	28943	No
15	GOM_NL__2PRFIN20070913_015030_000000432061_00332_28943_5233.N1	13-SEP-2007 01:50:30	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	28943	No
16	GOM_NL__2PRFIN20070913_021222_000000422061_00332_28943_5234.N1	13-SEP-2007 02:12:22	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28943	No
17	GOM_NL__2PRFIN20070913_022045_000000432061_00332_28943_5235.N1	13-SEP-2007 02:20:45	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	28943	No
18	GOM_NL__2PRFIN20070913_022928_000000652061_00332_28943_5236.N1	13-SEP-2007 02:29:28	Dark	64.500	1	9Alp CMa	-1.4400	11000.	129	28943	No
19	GOM_NL__2PRFIN20070913_023151_000000482061_00332_28943_5237.N1	13-SEP-2007 02:31:51	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	28943	No
20	GOM_NL__2PRFIN20070913_023407_000000462061_00332_28943_5238.N1	13-SEP-2007 02:34:07	Dark	46.000	177	1Zet CMa	3.0220	26000.	92	28943	No
21	GOM_NL__2PRFIN20070913_023816_000000522061_00332_28943_5239.N1	13-SEP-2007 02:38:16	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	28943	No
22	GOM_NL__2PRFIN20070913_024837_000000422061_00333_28944_5240.N1	13-SEP-2007 02:48:37	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	28944	No
23	GOM_NL__2PRFIN20070913_025002_000000432061_00333_28944_5241.N1	13-SEP-2007 02:50:02	Dark	42.500	9	Alp Eri	0.45300	24000.	85	28944	No
24	GOM_NL__2PRFIN20070913_025550_000000422061_00333_28944_5242.N1	13-SEP-2007 02:55:50	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	28944	No
25	GOM_NL__2PRFIN20070913_030113_000000452061_00333_28944_5243.N1	13-SEP-2007 03:01:13	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28944	No
26	GOM_NL__2PRFIN20070913_031451_000000422061_00333_28944_5244.N1	13-SEP-2007 03:14:51	Bright	41.500	90	54Alp Peg	2.4870	11000.	83	28944	No
27	GOM_NL__2PRFIN20070913_031905_000000402061_00333_28944_5245.N1	13-SEP-2007 03:19:05	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28944	No
28	GOM_NL__2PRFIN20070913_032912_000000372061_00333_28944_5246.N1	13-SEP-2007 03:29:12	Bright	37.000	74	11Bet Cas	2.2680	6600.0	74	28944	No
29	GOM_NL__2PRFIN20070913_033105_000000412061_00333_28944_5247.N1	13-SEP-2007 03:31:05	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	28944	No
30	GOM_NL__2PRFIN20070913_035258_000000432061_00333_28944_5248.N1	13-SEP-2007 03:52:58	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	28944	No
31	GOM_NL__2PRFIN20070913_040122_000000432061_00333_28944_5249.N1	13-SEP-2007 04:01:22	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	28944	No
32	GOM_NL__2PRFIN20070913_041005_000000552061_00333_28944_5250.N1	13-SEP-2007 04:10:05	Dark	55.000	1	9Alp CMa	-1.4400	11000.	110	28944	No
33	GOM_NL__2PRFIN20070913_041227_000000482061_00333_28944_5251.N1	13-SEP-2007 04:12:27	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	28944	No
34	GOM_NL__2PRFIN20070913_041444_000000462061_00333_28944_5252.N1	13-SEP-2007 04:14:44	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28944	No
35	GOM_NL__2PRFIN20070913_041853_000000562061_00334_28945_5253.N1	13-SEP-2007 04:18:53	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	28945	No
36	GOM_NL__2PRFIN20070913_042914_000000402061_00334_28945_5247.N1	13-SEP-2007 04:29:14	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28945	No
37	GOM_NL__2PRFIN20070913_043038_000000452061_00334_28945_5248.N1	13-SEP-2007 04:30:38	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28945	No
38	GOM_NL__2PRFIN20070913_043626_000000452061_00334_28945_5249.N1	13-SEP-2007 04:36:26	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	28945	No
39	GOM_NL__2PRFIN20070913_044149_000000452061_00334_28945_5250.N1	13-SEP-2007 04:41:49	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28945	No
40	GOM_NL__2PRFIN20070913_045527_000000412061_00334_28945_5251.N1	13-SEP-2007 04:55:27	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28945	No
41	GOM_NL__2PRFIN20070913_045941_000000382061_00334_28945_5252.N1	13-SEP-2007 04:59:41	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28945	No
42	GOM_NL__2PRFIN20070913_050947_000000422061_00334_28945_5253.N1	13-SEP-2007 05:09:47	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28945	No

43	GOM_NL__2PRFIN20070913_051140_000000442061_00334_28945_5254.N1	13-SEP-2007 05:11:40	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	28945	No
44	GOM_NL__2PRFIN20070913_053334_000000432061_00334_28945_5255.N1	13-SEP-2007 05:33:34	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	28945	No
45	GOM_NL__2PRFIN20070913_054158_000000462061_00334_28945_5256.N1	13-SEP-2007 05:41:58	Twilight	46.000	8	10Alp CMi	0.40000	6500.0	92	28945	No
46	GOM_NL__2PRFIN20070913_055042_000000562061_00334_28945_5257.N1	13-SEP-2007 05:50:42	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	28945	No
47	GOM_NL__2PRFIN20070913_055304_000000472061_00334_28945_5258.N1	13-SEP-2007 05:53:04	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	28945	No
48	GOM_NL__2PRFIN20070913_055521_000000482061_00334_28945_5259.N1	13-SEP-2007 05:55:21	Dark	48.000	177	1Zet CMa	3.0220	26000.	96	28945	No
49	GOM_NL__2PRFIN20070913_055930_000000562061_00335_28946_5260.N1	13-SEP-2007 05:59:30	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	28946	No
50	GOM_NL__2PRFIN20070913_060950_000000402061_00335_28946_5271.N1	13-SEP-2007 06:09:50	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28946	No
51	GOM_NL__2PRFIN20070913_061115_000000472061_00335_28946_5272.N1	13-SEP-2007 06:11:15	Dark	46.500	9	Alp Eri	0.45300	24000.	93	28946	No
52	GOM_NL__2PRFIN20070913_061702_000000472061_00335_28946_5273.N1	13-SEP-2007 06:17:02	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28946	No
53	GOM_NL__2PRFIN20070913_062225_000000432061_00335_28946_5274.N1	13-SEP-2007 06:22:25	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	28946	No
54	GOM_NL__2PRFIN20070913_063603_000000412061_00335_28946_5275.N1	13-SEP-2007 06:36:03	Bright	40.500	90	54Alp Peg	2.4870	11000.	81	28946	No
55	GOM_NL__2PRFIN20070913_064017_000000402061_00335_28946_5276.N1	13-SEP-2007 06:40:17	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28946	No
56	GOM_NL__2PRFIN20070913_065023_000000422061_00335_28946_5277.N1	13-SEP-2007 06:50:23	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28946	No
57	GOM_NL__2PRFIN20070913_065216_000000422061_00335_28946_5278.N1	13-SEP-2007 06:52:16	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	28946	No
58	GOM_NL__2PRFIN20070913_071410_000000422061_00335_28946_5279.N1	13-SEP-2007 07:14:10	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28946	No
59	GOM_NL__2PRFIN20070913_072234_000000592061_00335_28946_5280.N1	13-SEP-2007 07:22:34	Twilight	58.500	8	10Alp CMi	0.40000	6500.0	117	28946	No
60	GOM_NL__2PRFIN20070913_073119_000000602061_00335_28946_5281.N1	13-SEP-2007 07:31:19	Dark	60.000	1	9Alp CMa	-1.4400	11000.	120	28946	No
61	GOM_NL__2PRFIN20070913_073341_000000462061_00335_28946_5282.N1	13-SEP-2007 07:33:41	Dark	45.500	23	21Eps CMa	1.5020	26000.	91	28946	No
62	GOM_NL__2PRFIN20070913_073558_000000472061_00335_28946_5283.N1	13-SEP-2007 07:35:58	Dark	47.000	177	1Zet CMa	3.0220	26000.	94	28946	No
63	GOM_NL__2PRFIN20070913_074006_000000562061_00336_28947_5284.N1	13-SEP-2007 07:40:06	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	28947	No
64	GOM_NL__2PRFIN20070913_075027_000000402061_00336_28947_5282.N1	13-SEP-2007 07:50:27	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28947	No
65	GOM_NL__2PRFIN20070913_075151_000000562061_00336_28947_5283.N1	13-SEP-2007 07:51:51	Dark	55.500	9	Alp Eri	0.45300	24000.	111	28947	No
66	GOM_NL__2PRFIN20070913_075739_000000452061_00336_28947_5284.N1	13-SEP-2007 07:57:39	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	28947	No
67	GOM_NL__2PRFIN20070913_080301_000000452061_00336_28947_5285.N1	13-SEP-2007 08:03:01	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28947	No
68	GOM_NL__2PRFIN20070913_081639_000000412061_00336_28947_5286.N1	13-SEP-2007 08:16:39	Bright	40.500	90	54Alp Peg	2.4870	11000.	81	28947	No
69	GOM_NL__2PRFIN20070913_082053_000000402061_00336_28947_5287.N1	13-SEP-2007 08:20:53	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28947	No
70	GOM_NL__2PRFIN20070913_083058_000000412061_00336_28947_5288.N1	13-SEP-2007 08:30:58	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	28947	No
71	GOM_NL__2PRFIN20070913_083251_000000432061_00336_28947_5289.N1	13-SEP-2007 08:32:51	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	28947	No
72	GOM_NL__2PRFIN20070913_085446_000000602061_00336_28947_5290.N1	13-SEP-2007 08:54:46	Bright	60.000	24	66Alp Gem	1.5800	10200.	120	28947	No
73	GOM_NL__2PRFIN20070913_090311_000000432061_00336_28947_5291.N1	13-SEP-2007 09:03:11	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	28947	No
74	GOM_NL__2PRFIN20070913_091156_000000612061_00336_28947_5292.N1	13-SEP-2007 09:11:56	Dark	61.000	1	9Alp CMa	-1.4400	11000.	122	28947	No
75	GOM_NL__2PRFIN20070913_091418_000000512061_00336_28947_5293.N1	13-SEP-2007 09:14:18	Dark	51.000	23	21Eps CMa	1.5020	26000.	102	28947	No
76	GOM_NL__2PRFIN20070913_091635_000000482061_00336_28947_5294.N1	13-SEP-2007 09:16:35	Dark	47.500	177	1Zet CMa	3.0220	26000.	95	28947	No
77	GOM_NL__2PRFIN20070913_092043_000000562061_00337_28948_5295.N1	13-SEP-2007 09:20:43	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	28948	No
78	GOM_NL__2PRFIN20070913_093103_000000402061_00337_28948_5316.N1	13-SEP-2007 09:31:03	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28948	No
79	GOM_NL__2PRFIN20070913_093227_000000482061_00337_28948_5317.N1	13-SEP-2007 09:32:27	Dark	48.000	9	Alp Eri	0.45300	24000.	96	28948	No
80	GOM_NL__2PRFIN20070913_093815_000000462061_00337_28948_5318.N1	13-SEP-2007 09:38:15	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	28948	No
81	GOM_NL__2PRFIN20070913_094337_000000452061_00337_28948_5319.N1	13-SEP-2007 09:43:37	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28948	No
82	GOM_NL__2PRFIN20070913_095714_000000412061_00337_28948_5320.N1	13-SEP-2007 09:57:14	Bright	40.500	90	54Alp Peg	2.4870	11000.	81	28948	No
83	GOM_NL__2PRFIN20070913_100128_000000362061_00337_28948_5321.N1	13-SEP-2007 10:01:28	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	28948	No
84	GOM_NL__2PRFIN20070913_101134_000000412061_00337_28948_5322.N1	13-SEP-2007 10:11:34	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	28948	No
85	GOM_NL__2PRFIN20070913_101326_000000412061_00337_28948_5323.N1	13-SEP-2007 10:13:26	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	28948	No
86	GOM_NL__2PRFIN20070913_103522_000000602061_00337_28948_5324.N1	13-SEP-2007 10:35:22	Bright	60.000	24	66Alp Gem	1.5800	10200.	120	28948	No
87	GOM_NL__2PRFIN20070913_104347_000000502061_00337_28948_5325.N1	13-SEP-2007 10:43:47	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	28948	No
88	GOM_NL__2PRFIN20070913_105233_000000562061_00337_28948_5326.N1	13-SEP-2007 10:52:33	Dark	56.000	1	9Alp CMa	-1.4400	11000.	112	28948	No
89	GOM_NL__2PRFIN20070913_105454_000000462061_00337_28948_5327.N1	13-SEP-2007 10:54:54	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	28948	No
90	GOM_NL__2PRFIN20070913_105711_000000482061_00337_28948_5328.N1	13-SEP-2007 10:57:11	Dark	47.500	177	1Zet CMa	3.0220	26000.	95	28948	No
91	GOM_NL__2PRFIN20070913_110119_000000442061_00338_28949_5329.N1	13-SEP-2007 11:01:19	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	28949	No
92	GOM_NL__2PRFIN20070913_111140_000000412061_00338_28949_5330.N1	13-SEP-2007 11:11:40	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28949	No
93	GOM_NL__2PRFIN20070913_111304_000000482061_00338_28949_5331.N1	13-SEP-2007 11:13:04	Dark	48.000	9	Alp Eri	0.45300	24000.	96	28949	No
94	GOM_NL__2PRFIN20070913_111851_000000502061_00338_28949_5332.N1	13-SEP-2007 11:18:51	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	28949	No
95	GOM_NL__2PRFIN20070913_112414_000000422061_00338_28949_5333.N1	13-SEP-2007 11:24:14	Straylight	41.500	18	24Alp PsA	1.1660	9700.0	83	28949	No
96	GOM_NL__2PRFIN20070913_113750_000000402061_00338_28949_5334.N1	13-SEP-2007 11:37:50	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	28949	No
97	GOM_NL__2PRFIN20070913_114204_000000382061_00338_28949_5335.N1	13-SEP-2007 11:42:04	Bright	38.000	164	44Eta Peg	2.9480	5400.0	76	28949	No
98	GOM_NL__2PRFIN20070913_115209_000000422061_00338_28949_5336.N1	13-SEP-2007 11:52:09	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	28949	No
99	GOM_NL__2PRFIN20070913_115402_000000422061_00338_28949_5337.N1	13-SEP-2007 11:54:02	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	28949	No
100	GOM_NL__2PRFIN20070913_121558_000000422061_00338_28949_5338.N1	13-SEP-2007 12:15:58	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28949	No
101	GOM_NL__2PRFIN20070913_122423_000000592061_00338_28949_5339.N1	13-SEP-2007 12:24:23	Twilight	58.500	8	10Alp CMi	0.40000	6500.0	117	28949	No

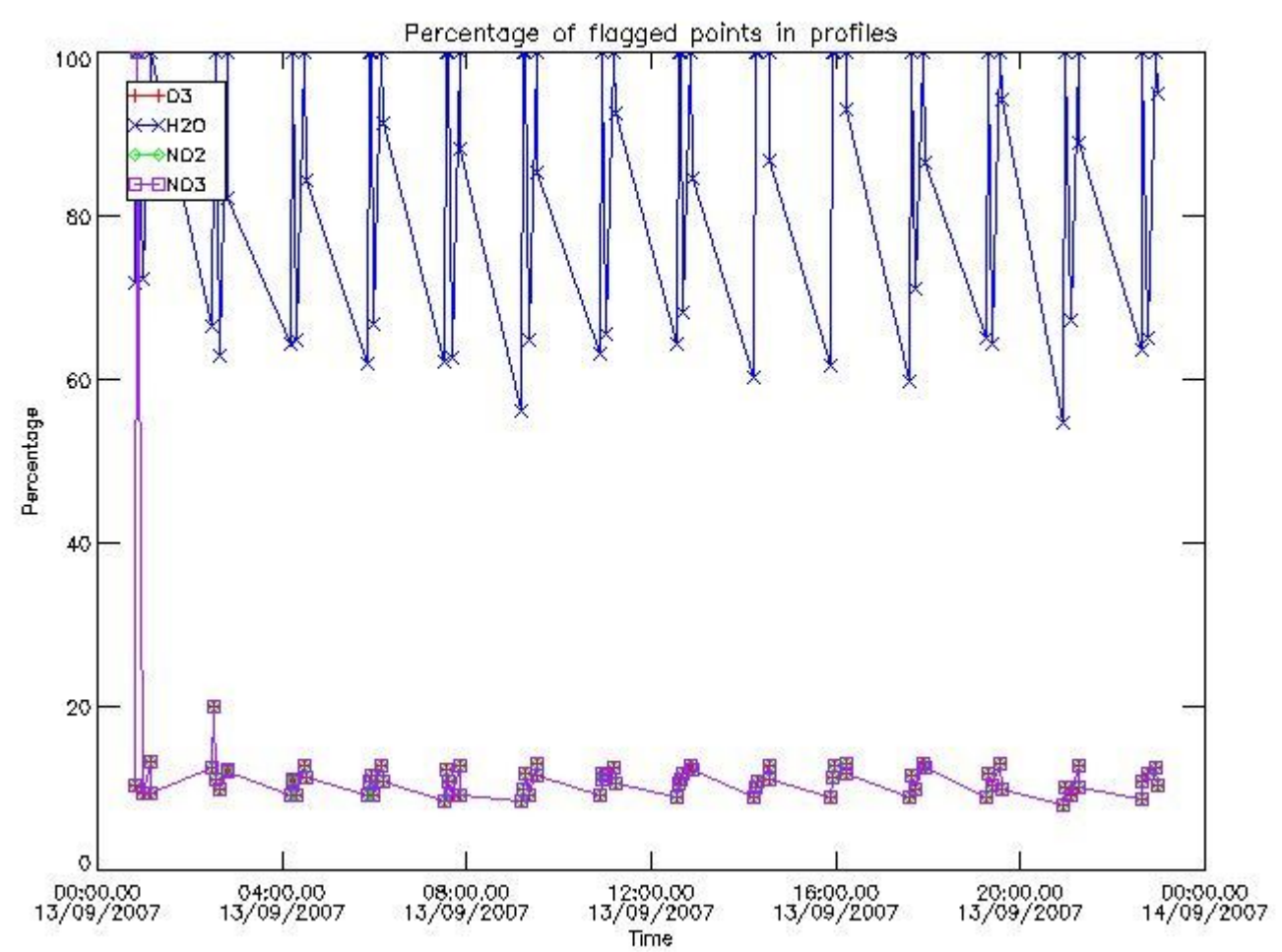
102	GOM_NL__2PRFIN20070913_123309_000000572061_00338_28949_5340.N1	13-SEP-2007 12:33:09	Dark	56.500	1	9Alp CMa	-1.4400	11000.	113	28949	No
103	GOM_NL__2PRFIN20070913_123531_000000492061_00338_28949_5341.N1	13-SEP-2007 12:35:31	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	28949	No
104	GOM_NL__2PRFIN20070913_123748_000000462061_00338_28949_5342.N1	13-SEP-2007 12:37:48	Dark	45.500	177	1Zet CMa	3.0220	26000.	91	28949	No
105	GOM_NL__2PRFIN20070913_124155_000000432061_00339_28950_5343.N1	13-SEP-2007 12:41:55	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	28950	No
106	GOM_NL__2PRFIN20070913_125216_000000402061_00339_28950_5341.N1	13-SEP-2007 12:52:16	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28950	No
107	GOM_NL__2PRFIN20070913_125340_000000462061_00339_28950_5342.N1	13-SEP-2007 12:53:40	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28950	No
108	GOM_NL__2PRFIN20070913_125928_000000422061_00339_28950_5343.N1	13-SEP-2007 12:59:28	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	28950	No
109	GOM_NL__2PRFIN20070913_130450_000000452061_00339_28950_5344.N1	13-SEP-2007 13:04:50	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28950	No
110	GOM_NL__2PRFIN20070913_131825_000000412061_00339_28950_5345.N1	13-SEP-2007 13:18:25	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28950	No
111	GOM_NL__2PRFIN20070913_132221_000000422061_00339_28950_5346.N1	13-SEP-2007 13:22:21	Bright	41.500	93	53Bet Peg	2.5200	3100.0	83	28950	No
112	GOM_NL__2PRFIN20070913_133244_000000432061_00339_28950_5347.N1	13-SEP-2007 13:32:44	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	28950	No
113	GOM_NL__2PRFIN20070913_133437_000000442061_00339_28950_5348.N1	13-SEP-2007 13:34:37	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	28950	No
114	GOM_NL__2PRFIN20070913_135634_000000422061_00339_28950_5349.N1	13-SEP-2007 13:56:34	Bright	41.500	24	66Alp Gem	1.5800	10200.	83	28950	No
115	GOM_NL__2PRFIN20070913_140500_000000532061_00339_28950_5350.N1	13-SEP-2007 14:05:00	Twilight	52.500	8	10Alp CMi	0.40000	6500.0	105	28950	No
116	GOM_NL__2PRFIN20070913_141346_000000572061_00339_28950_5351.N1	13-SEP-2007 14:13:46	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	28950	No
117	GOM_NL__2PRFIN20070913_141608_000000512061_00339_28950_5352.N1	13-SEP-2007 14:16:08	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	28950	No
118	GOM_NL__2PRFIN20070913_141825_000000482061_00339_28950_5353.N1	13-SEP-2007 14:18:25	Dark	47.500	177	1Zet CMa	3.0220	26000.	95	28950	No
119	GOM_NL__2PRFIN20070913_143252_000000402061_00340_28951_5362.N1	13-SEP-2007 14:32:52	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28951	No
120	GOM_NL__2PRFIN20070913_143417_000000462061_00340_28951_5363.N1	13-SEP-2007 14:34:17	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28951	No
121	GOM_NL__2PRFIN20070913_144004_000000502061_00340_28951_5364.N1	13-SEP-2007 14:40:04	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	28951	No
122	GOM_NL__2PRFIN20070913_144526_000000442061_00340_28951_5365.N1	13-SEP-2007 14:45:26	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	28951	No
123	GOM_NL__2PRFIN20070913_145901_000000412061_00340_28951_5366.N1	13-SEP-2007 14:59:01	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28951	No
124	GOM_NL__2PRFIN20070913_150257_000000402061_00340_28951_5367.N1	13-SEP-2007 15:02:57	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	28951	No
125	GOM_NL__2PRFIN20070913_151320_000000422061_00340_28951_5368.N1	13-SEP-2007 15:13:20	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	28951	No
126	GOM_NL__2PRFIN20070913_151512_000000442061_00340_28951_5369.N1	13-SEP-2007 15:15:12	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	28951	No
127	GOM_NL__2PRFIN20070913_153710_000000432061_00340_28951_5370.N1	13-SEP-2007 15:37:10	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	28951	No
128	GOM_NL__2PRFIN20070913_154536_000000522061_00340_28951_5371.N1	13-SEP-2007 15:45:36	Twilight	51.500	8	10Alp CMi	0.40000	6500.0	103	28951	No
129	GOM_NL__2PRFIN20070913_155423_000000572061_00340_28951_5372.N1	13-SEP-2007 15:54:23	Dark	56.500	1	9Alp CMa	-1.4400	11000.	113	28951	No
130	GOM_NL__2PRFIN20070913_155644_000000452061_00340_28951_5373.N1	13-SEP-2007 15:56:44	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28951	No
131	GOM_NL__2PRFIN20070913_155902_000000482061_00340_28951_5374.N1	13-SEP-2007 15:59:02	Dark	47.500	177	1Zet CMa	3.0220	26000.	95	28951	No
132	GOM_NL__2PRFIN20070913_161329_000000392061_00341_28952_5375.N1	13-SEP-2007 16:13:29	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28952	No
133	GOM_NL__2PRFIN20070913_161453_000000432061_00341_28952_5376.N1	13-SEP-2007 16:14:53	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28952	No
134	GOM_NL__2PRFIN20070913_162041_000000522061_00341_28952_5377.N1	13-SEP-2007 16:20:41	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	28952	No
135	GOM_NL__2PRFIN20070913_162602_000000452061_00341_28952_5378.N1	13-SEP-2007 16:26:02	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28952	No
136	GOM_NL__2PRFIN20070913_163937_000000402061_00341_28952_5379.N1	13-SEP-2007 16:39:37	Bright	40.000	90	54Alp Peg	2.4870	11000.	80	28952	No
137	GOM_NL__2PRFIN20070913_164333_000000442061_00341_28952_5380.N1	13-SEP-2007 16:43:33	Bright	43.500	93	53Bet Peg	2.5200	3100.0	87	28952	No
138	GOM_NL__2PRFIN20070913_165355_000000422061_00341_28952_5381.N1	13-SEP-2007 16:53:55	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28952	No
139	GOM_NL__2PRFIN20070913_165548_000000422061_00341_28952_5382.N1	13-SEP-2007 16:55:48	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	28952	No
140	GOM_NL__2PRFIN20070913_171746_000000432061_00341_28952_5383.N1	13-SEP-2007 17:17:46	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	28952	No
141	GOM_NL__2PRFIN20070913_172613_000000492061_00341_28952_5384.N1	13-SEP-2007 17:26:13	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	28952	No
142	GOM_NL__2PRFIN20070913_173500_000000582061_00341_28952_5385.N1	13-SEP-2007 17:35:00	Dark	57.500	1	9Alp CMa	-1.4400	11000.	115	28952	No
143	GOM_NL__2PRFIN20070913_173721_000000452061_00341_28952_5386.N1	13-SEP-2007 17:37:21	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28952	No
144	GOM_NL__2PRFIN20070913_174345_000000562061_00342_28953_5390.N1	13-SEP-2007 17:43:45	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	28953	No
145	GOM_NL__2PRFIN20070913_175405_000000392061_00342_28953_5391.N1	13-SEP-2007 17:54:05	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28953	No
146	GOM_NL__2PRFIN20070913_175530_000000412061_00342_28953_5392.N1	13-SEP-2007 17:55:30	Dark	40.500	9	Alp Eri	0.45300	24000.	81	28953	No
147	GOM_NL__2PRFIN20070913_180117_000000512061_00342_28953_5393.N1	13-SEP-2007 18:01:17	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	28953	No
148	GOM_NL__2PRFIN20070913_180638_000000452061_00342_28953_5394.N1	13-SEP-2007 18:06:38	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28953	No
149	GOM_NL__2PRFIN20070913_182013_000000412061_00342_28953_5395.N1	13-SEP-2007 18:20:13	Bright	40.500	90	54Alp Peg	2.4870	11000.	81	28953	No
150	GOM_NL__2PRFIN20070913_182408_000000422061_00342_28953_5396.N1	13-SEP-2007 18:24:08	Bright	42.000	93	53Bet Peg	2.5200	3100.0	84	28953	No
151	GOM_NL__2PRFIN20070913_183431_000000422061_00342_28953_5397.N1	13-SEP-2007 18:34:31	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28953	No
152	GOM_NL__2PRFIN20070913_183623_000000442061_00342_28953_5398.N1	13-SEP-2007 18:36:23	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	28953	No
153	GOM_NL__2PRFIN20070913_185822_000000422061_00342_28953_5399.N1	13-SEP-2007 18:58:22	Bright	42.000	24	66Alp Gem	1.5800	10200.	84	28953	No
154	GOM_NL__2PRFIN20070913_190649_000000512061_00342_28953_5400.N1	13-SEP-2007 19:06:49	Twilight	51.000	8	10Alp CMi	0.40000	6500.0	102	28953	No
155	GOM_NL__2PRFIN20070913_191537_000000582061_00342_28953_5401.N1	13-SEP-2007 19:15:37	Dark	57.500	1	9Alp CMa	-1.4400	11000.	115	28953	No
156	GOM_NL__2PRFIN20070913_191758_000000432061_00342_28953_5402.N1	13-SEP-2007 19:17:58	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28953	No
157	GOM_NL__2PRFIN20070913_192422_000000502061_00343_28954_5404.N1	13-SEP-2007 19:24:22	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	28954	No
158	GOM_NL__2PRFIN20070913_193442_000000392061_00343_28954_5405.N1	13-SEP-2007 19:34:42	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28954	No
159	GOM_NL__2PRFIN20070913_193606_000000522061_00343_28954_5406.N1	13-SEP-2007 19:36:06	Dark	52.000	9	Alp Eri	0.45300	24000.	104	28954	No
160	GOM_NL__2PRFIN20070913_194153_000000502061_00343_28954_5407.N1	13-SEP-2007 19:41:53	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	28954	No

161	GOM_NL__2PRFIN20070913_194714_000000472061_00343_28954_5408.N1	13-SEP-2007 19:47:14	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28954	No
162	GOM_NL__2PRFIN20070913_200048_000000402061_00343_28954_5409.N1	13-SEP-2007 20:00:48	Bright	40.000	90	54Alp Peg	2.4870	11000.	80	28954	No
163	GOM_NL__2PRFIN20070913_200444_000000392061_00343_28954_5410.N1	13-SEP-2007 20:04:44	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	28954	No
164	GOM_NL__2PRFIN20070913_201506_000000442061_00343_28954_5411.N1	13-SEP-2007 20:15:06	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	28954	No
165	GOM_NL__2PRFIN20070913_201658_000000432061_00343_28954_5412.N1	13-SEP-2007 20:16:58	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	28954	No
166	GOM_NL__2PRFIN20070913_203858_000000442061_00343_28954_5413.N1	13-SEP-2007 20:38:58	Bright	43.500	24	66Alp Gem	1.5800	10200.	87	28954	No
167	GOM_NL__2PRFIN20070913_204726_000000492061_00343_28954_5414.N1	13-SEP-2007 20:47:26	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	28954	No
168	GOM_NL__2PRFIN20070913_205614_000000652061_00343_28954_5415.N1	13-SEP-2007 20:56:14	Dark	64.500	1	9Alp CMa	-1.4400	11000.	129	28954	No
169	GOM_NL__2PRFIN20070913_205834_000000502061_00343_28954_5416.N1	13-SEP-2007 20:58:34	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	28954	No
170	GOM_NL__2PRFIN20070913_210458_000000562061_00344_28955_5413.N1	13-SEP-2007 21:04:58	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	28955	No
171	GOM_NL__2PRFIN20070913_211518_000000402061_00344_28955_5414.N1	13-SEP-2007 21:15:18	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28955	No
172	GOM_NL__2PRFIN20070913_211642_000000512061_00344_28955_5415.N1	13-SEP-2007 21:16:42	Dark	50.500	9	Alp Eri	0.45300	24000.	101	28955	No
173	GOM_NL__2PRFIN20070913_212230_000000542061_00344_28955_5416.N1	13-SEP-2007 21:22:30	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	28955	No
174	GOM_NL__2PRFIN20070913_212750_000000432061_00344_28955_5417.N1	13-SEP-2007 21:27:50	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	28955	No
175	GOM_NL__2PRFIN20070913_214124_000000412061_00344_28955_5418.N1	13-SEP-2007 21:41:24	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28955	No
176	GOM_NL__2PRFIN20070913_214519_000000422061_00344_28955_5419.N1	13-SEP-2007 21:45:19	Bright	42.000	93	53Bet Peg	2.5200	3100.0	84	28955	No
177	GOM_NL__2PRFIN20070913_215542_000000422061_00344_28955_5420.N1	13-SEP-2007 21:55:42	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	28955	No
178	GOM_NL__2PRFIN20070913_215734_000000432061_00344_28955_5421.N1	13-SEP-2007 21:57:34	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	28955	No
179	GOM_NL__2PRFIN20070913_221934_000000432061_00344_28955_5422.N1	13-SEP-2007 22:19:34	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	28955	No
180	GOM_NL__2PRFIN20070913_222802_000000502061_00344_28955_5423.N1	13-SEP-2007 22:28:02	Twilight	49.500	8	10Alp CMi	0.40000	6500.0	99	28955	No
181	GOM_NL__2PRFIN20070913_223651_000000602061_00344_28955_5424.N1	13-SEP-2007 22:36:51	Dark	59.500	1	9Alp CMa	-1.4400	11000.	119	28955	No
182	GOM_NL__2PRFIN20070913_223911_000000472061_00344_28955_5425.N1	13-SEP-2007 22:39:11	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	28955	No
183	GOM_NL__2PRFIN20070913_224534_000000522061_00345_28956_5433.N1	13-SEP-2007 22:45:34	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28956	No
184	GOM_NL__2PRFIN20070913_225554_000000412061_00345_28956_5434.N1	13-SEP-2007 22:55:54	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28956	No
185	GOM_NL__2PRFIN20070913_225719_000000492061_00345_28956_5435.N1	13-SEP-2007 22:57:19	Dark	49.000	9	Alp Eri	0.45300	24000.	98	28956	No
186	GOM_NL__2PRFIN20070913_230306_000000482061_00345_28956_5436.N1	13-SEP-2007 23:03:06	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	28956	No
187	GOM_NL__2PRFIN20070913_232200_000000412061_00345_28956_5437.N1	13-SEP-2007 23:22:00	Bright	41.000	90	54Alp Peg	2.4870	11000.	82	28956	No
188	GOM_NL__2PRFIN20070913_232555_000000402061_00345_28956_5438.N1	13-SEP-2007 23:25:55	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	28956	No
189	GOM_NL__2PRFIN20070913_233617_000000382061_00345_28956_5439.N1	13-SEP-2007 23:36:17	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	28956	No
190	GOM_NL__2PRFIN20070913_233809_000000432061_00345_28956_5440.N1	13-SEP-2007 23:38:09	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	28956	No

3. Quality information per product

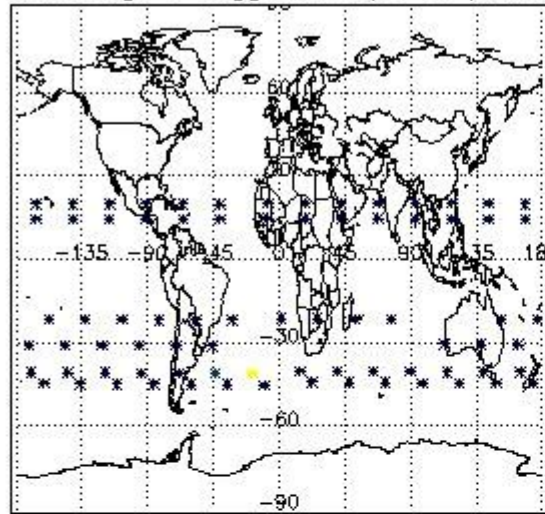
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

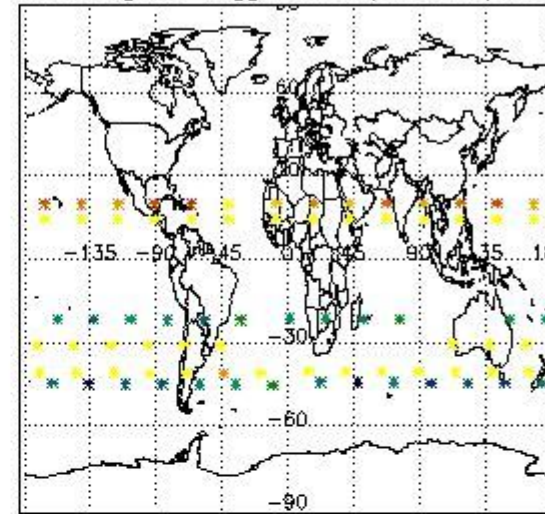


3.2 Plot quality information per product (world map)

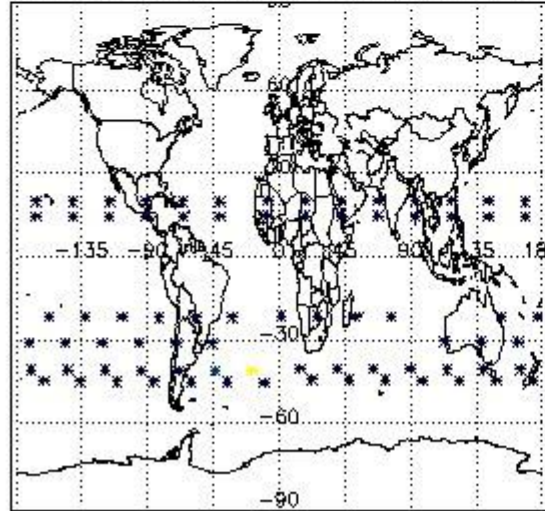
Percentage of flagged data per O3 profile



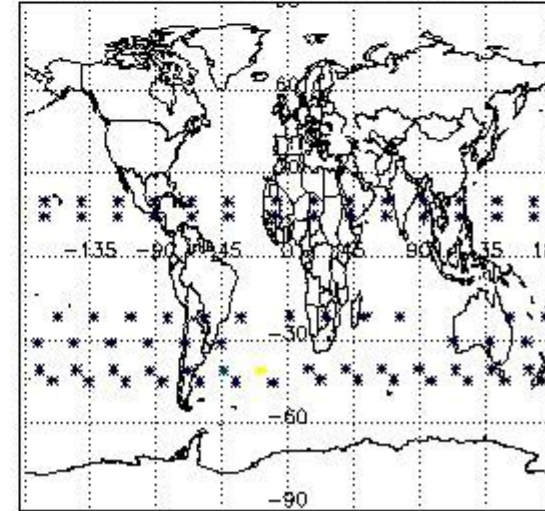
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

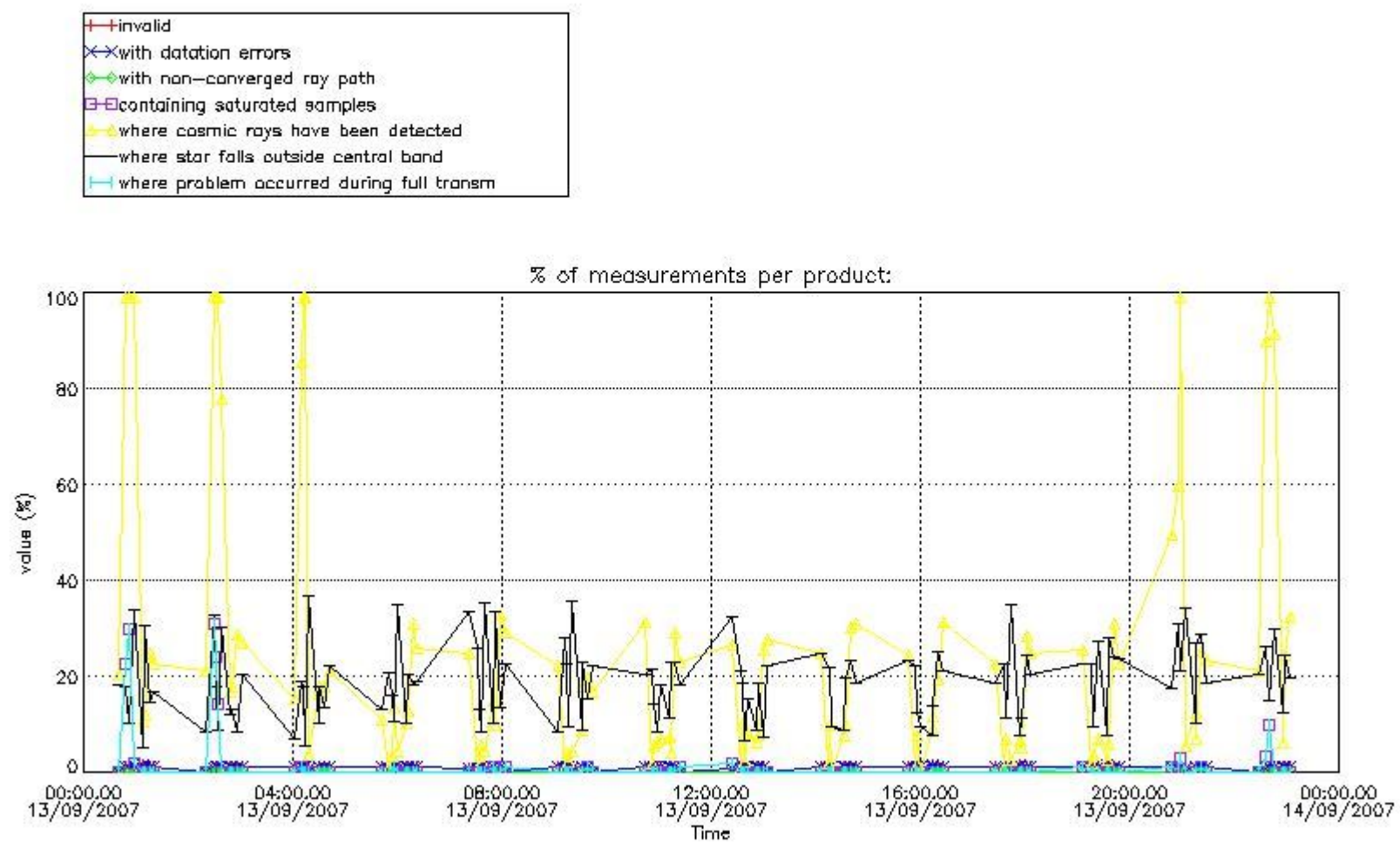


4. Level 1 quality information per product

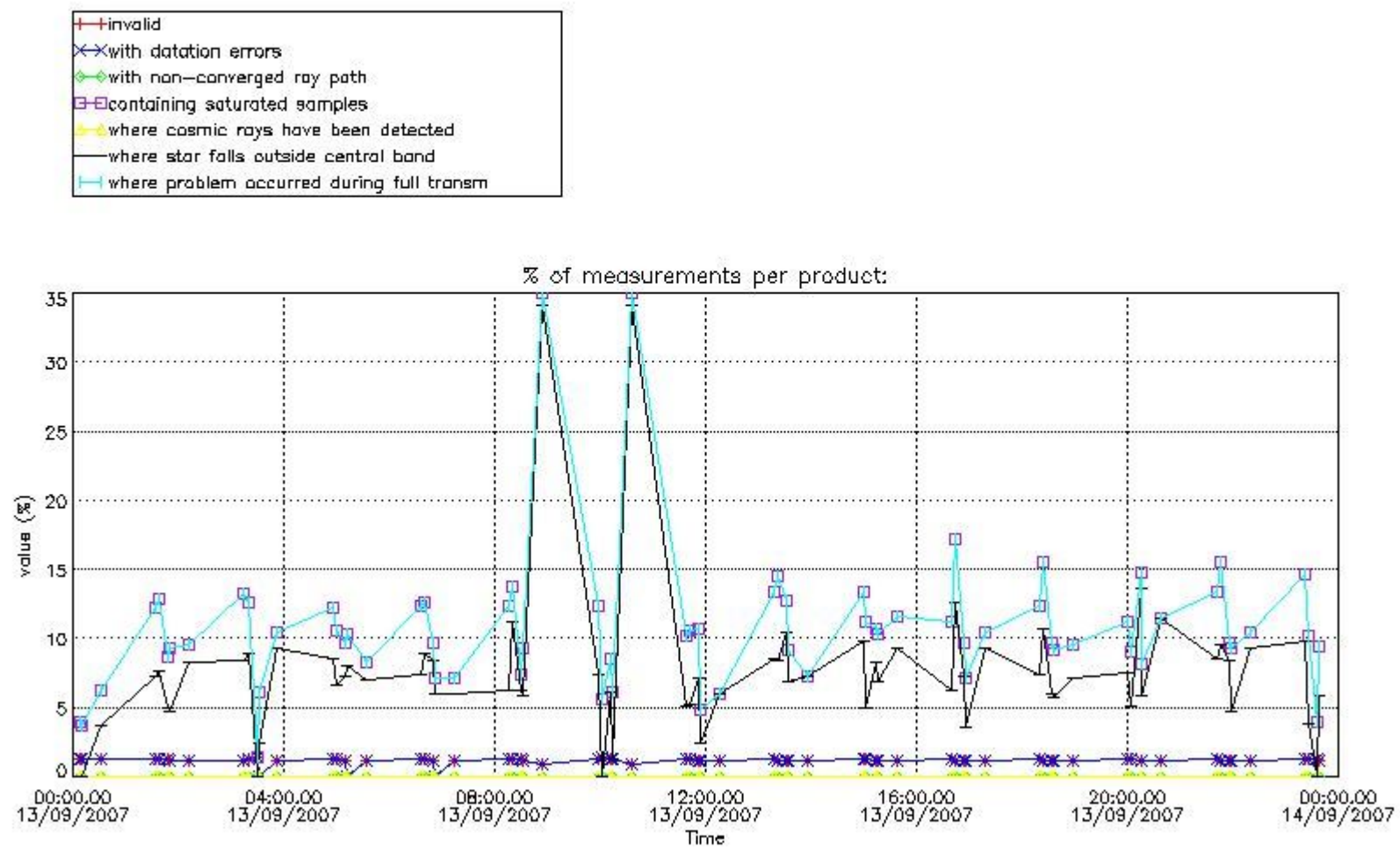
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

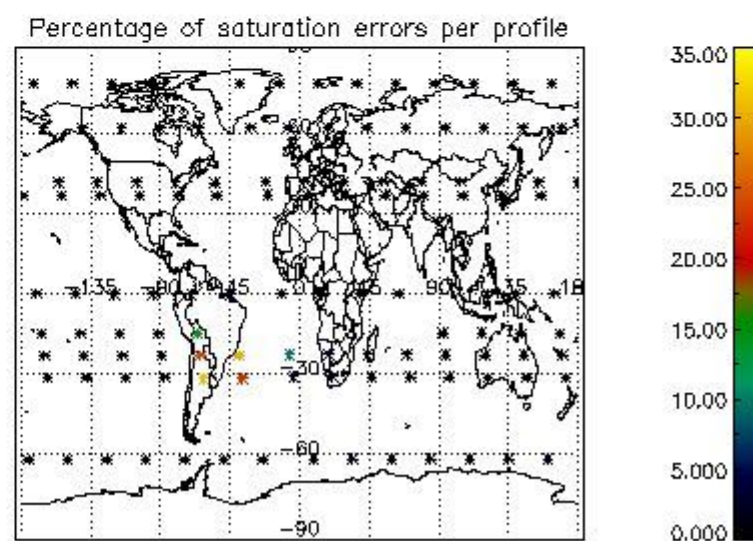
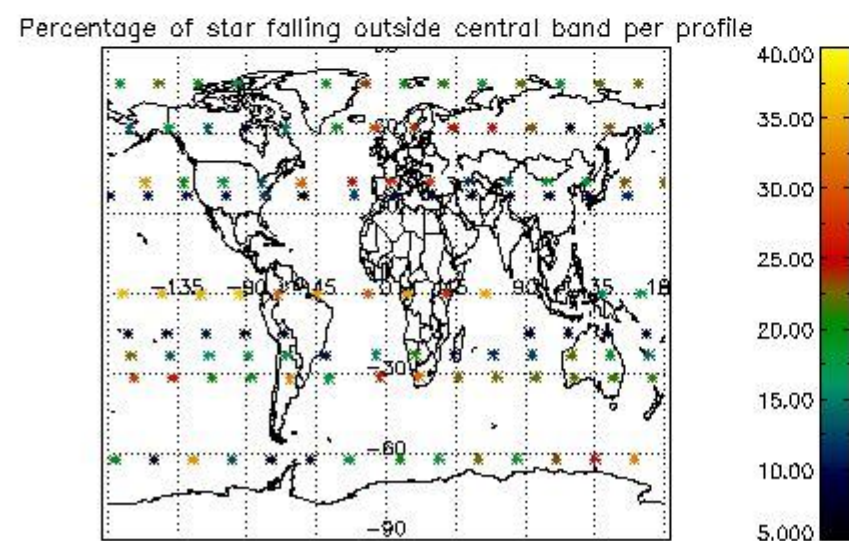
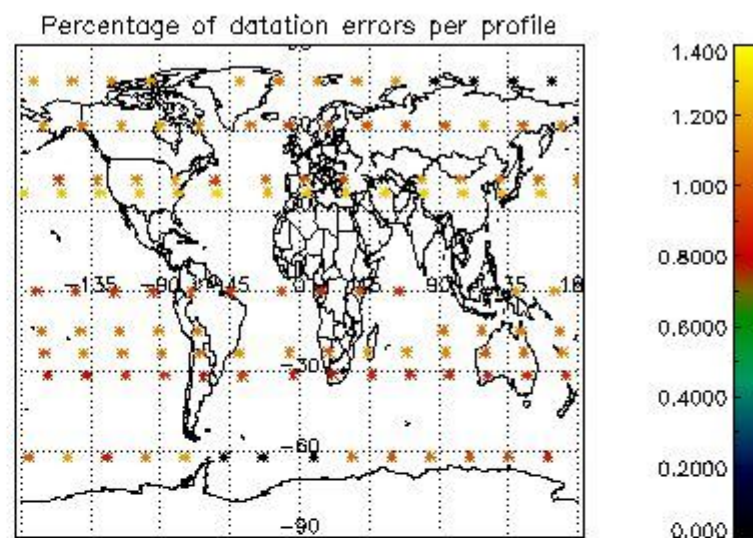
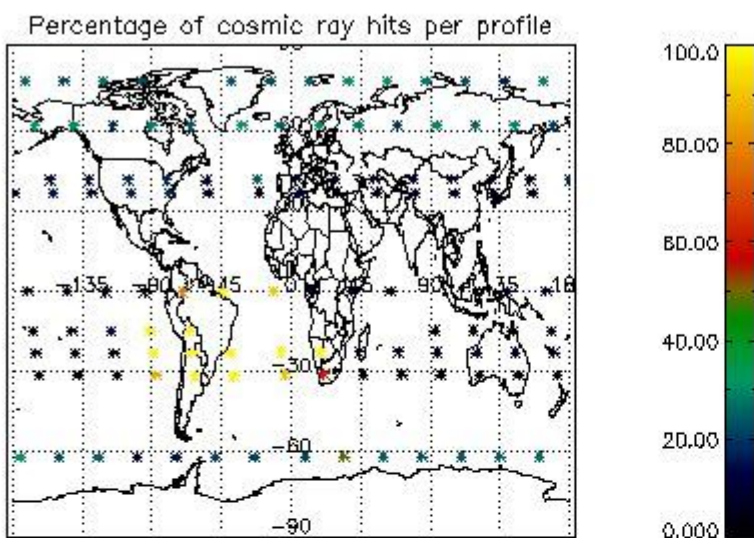


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

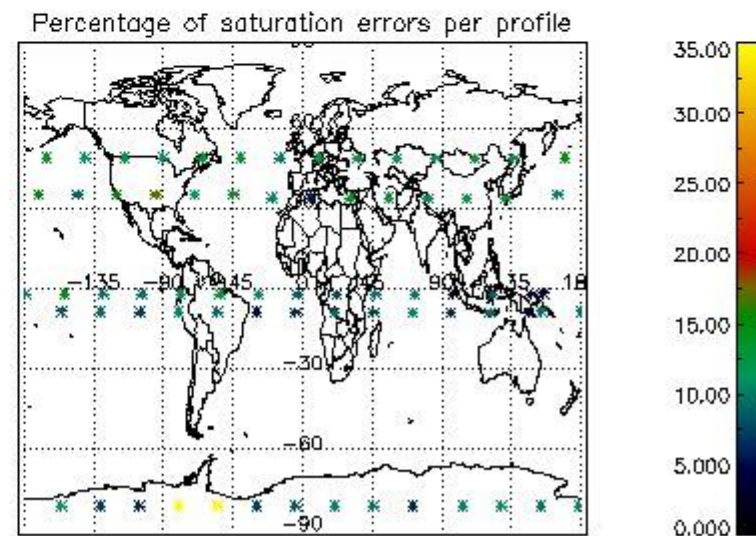
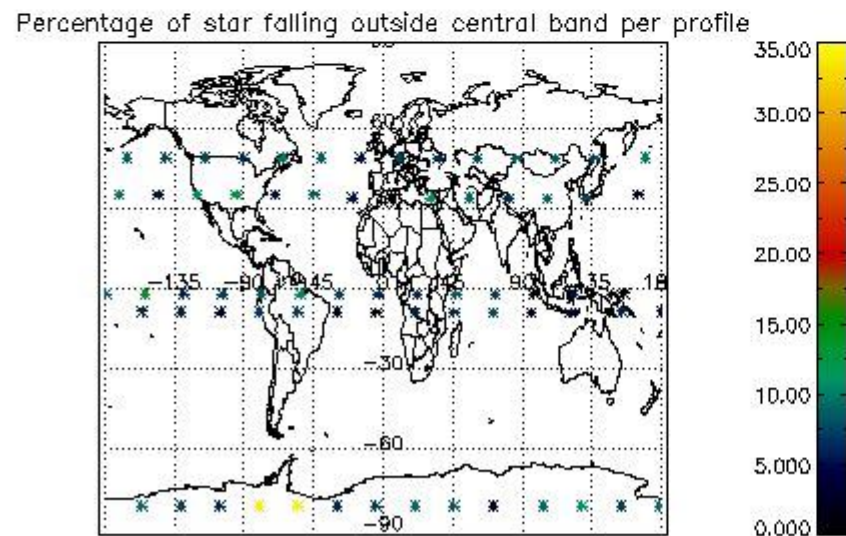
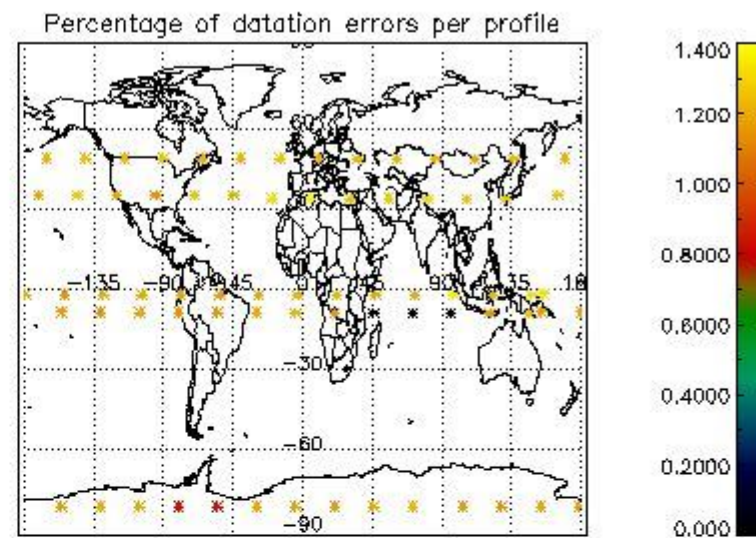
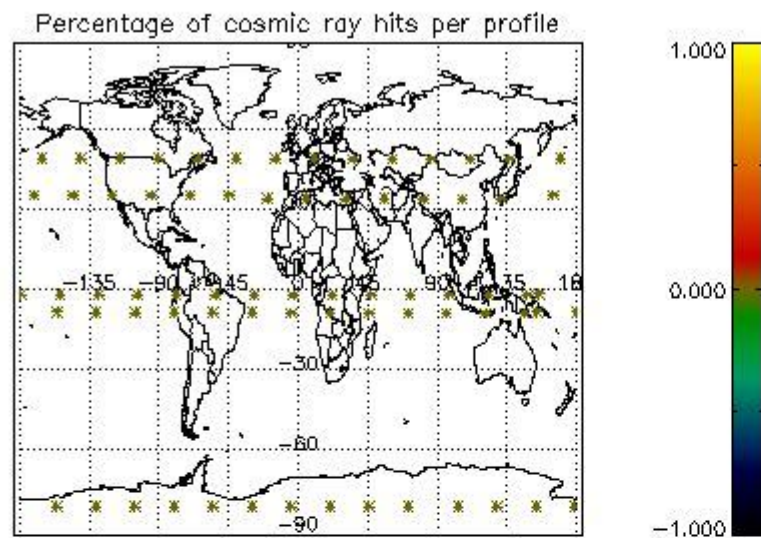


4.2 Plot quality information per product coming from level 1b processing (world map)

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

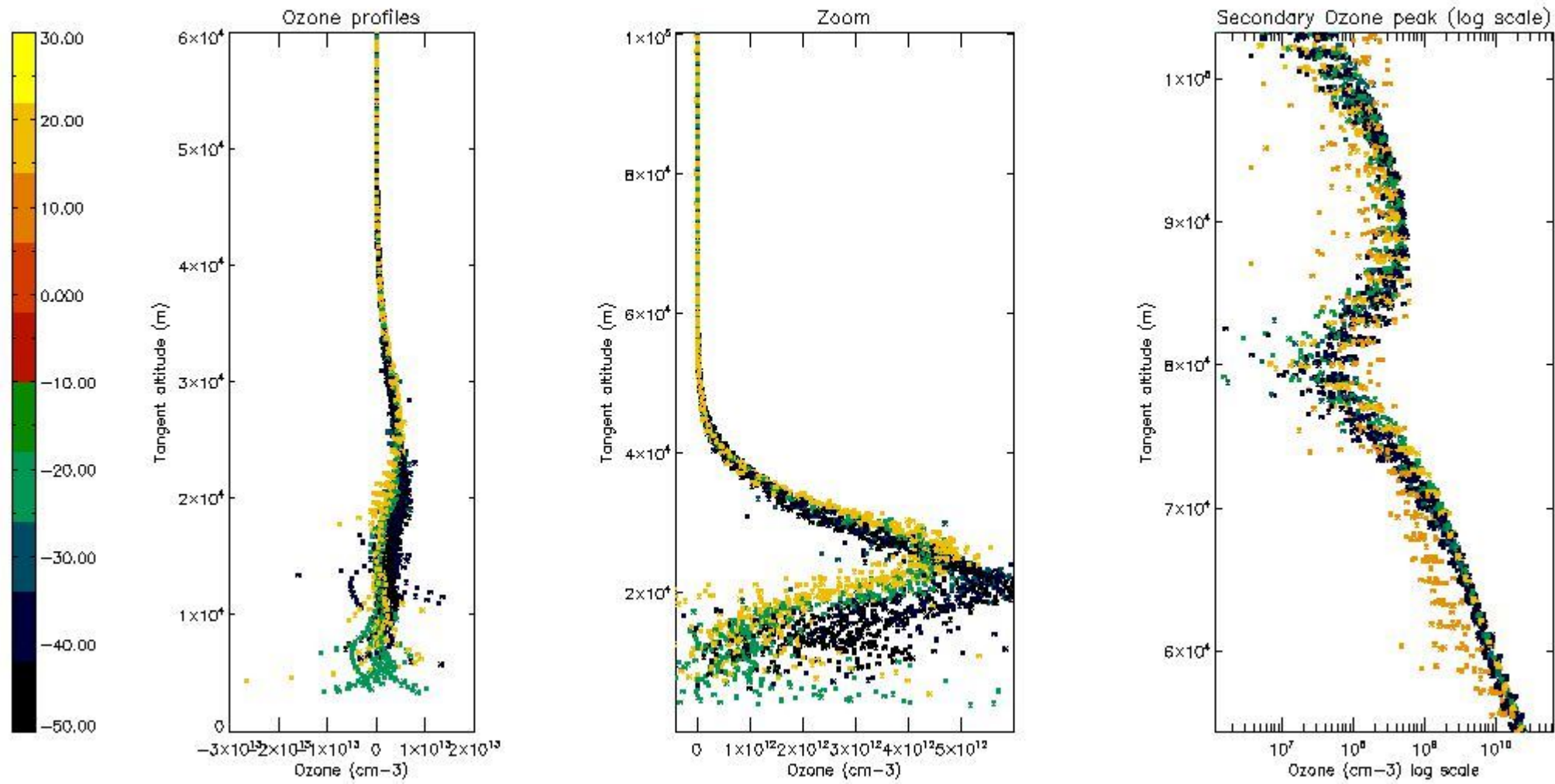
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	44
STD < 20	29

STD < 10	25
STD < 5	20

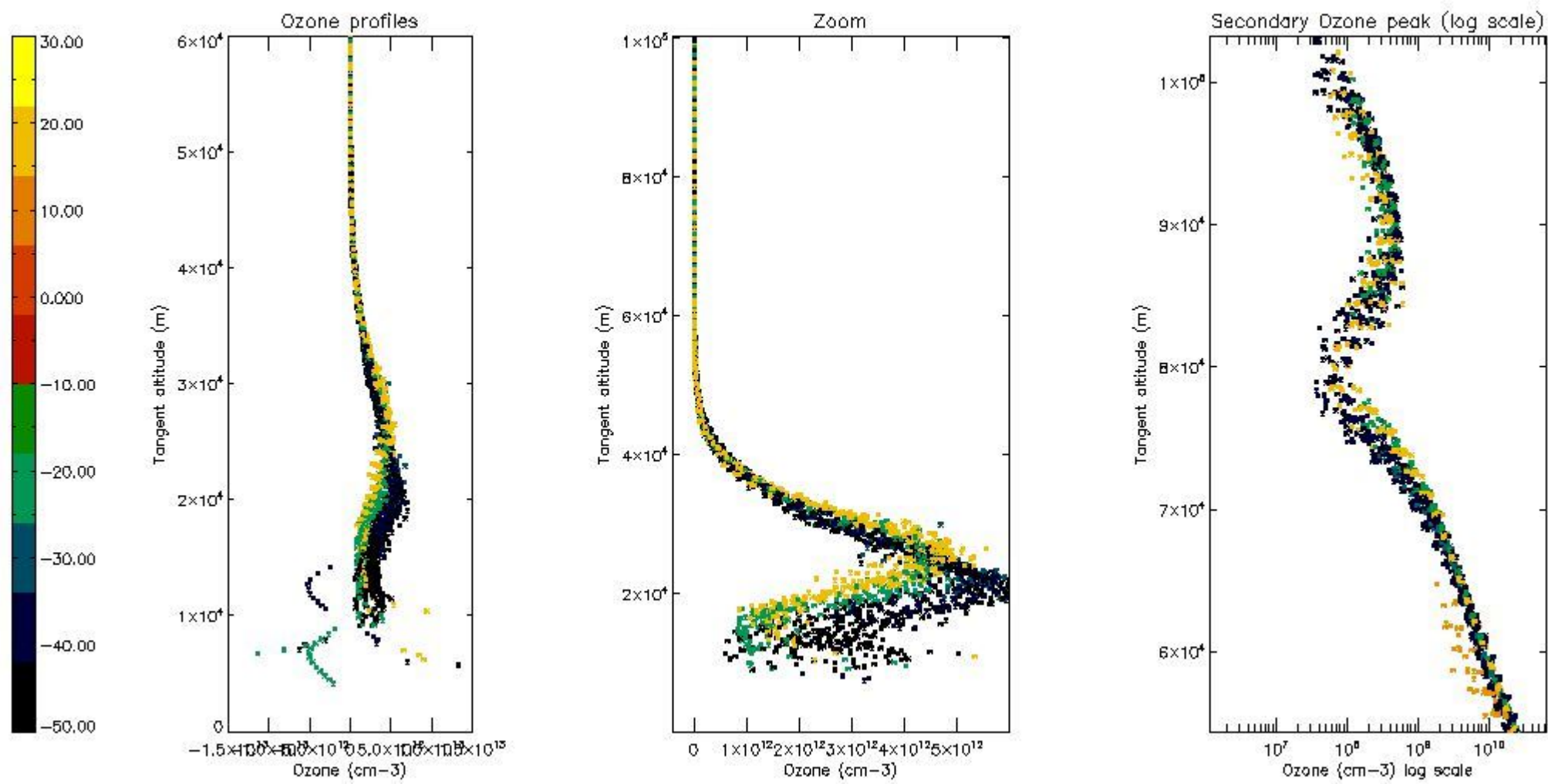
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



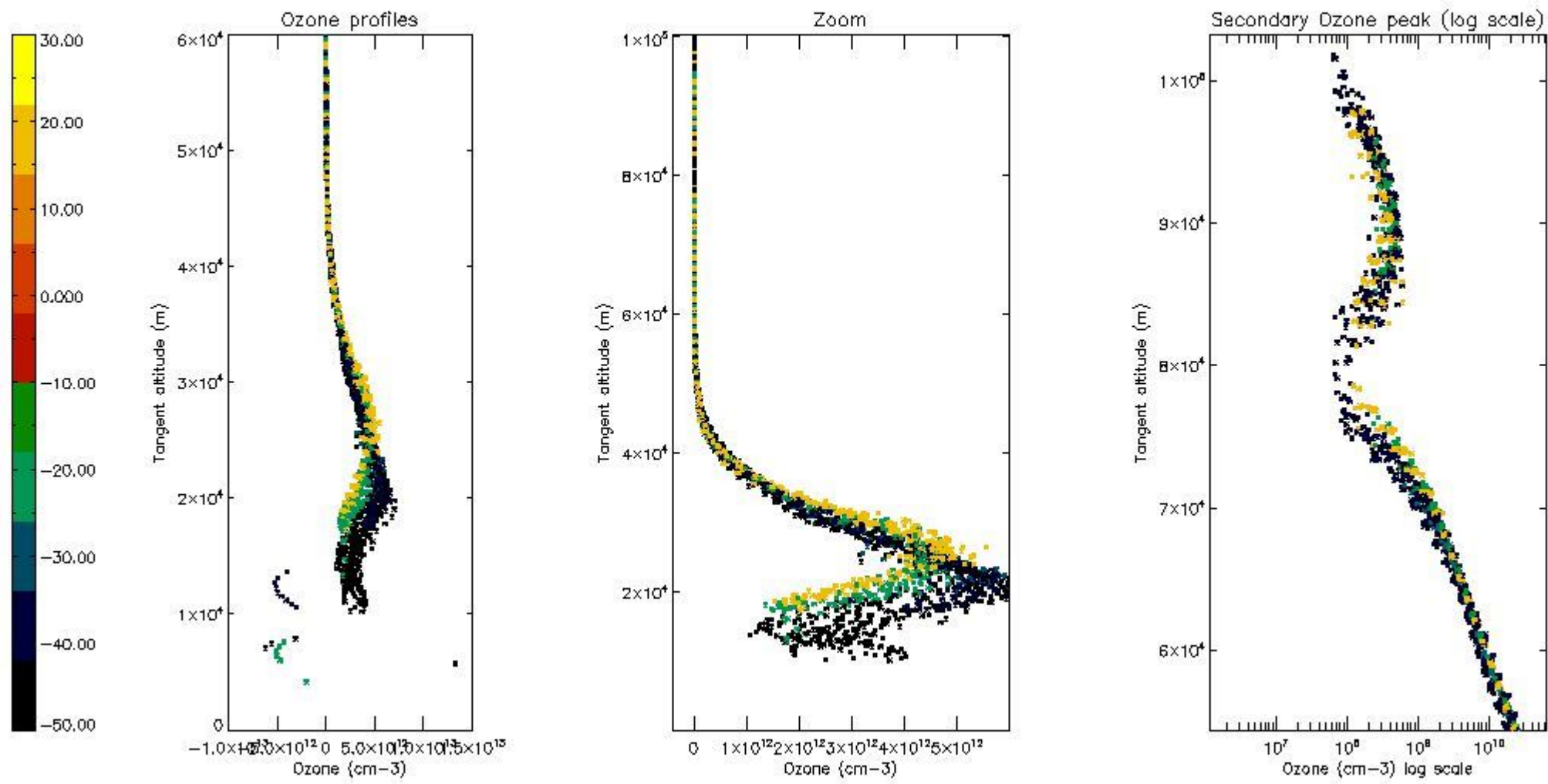
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



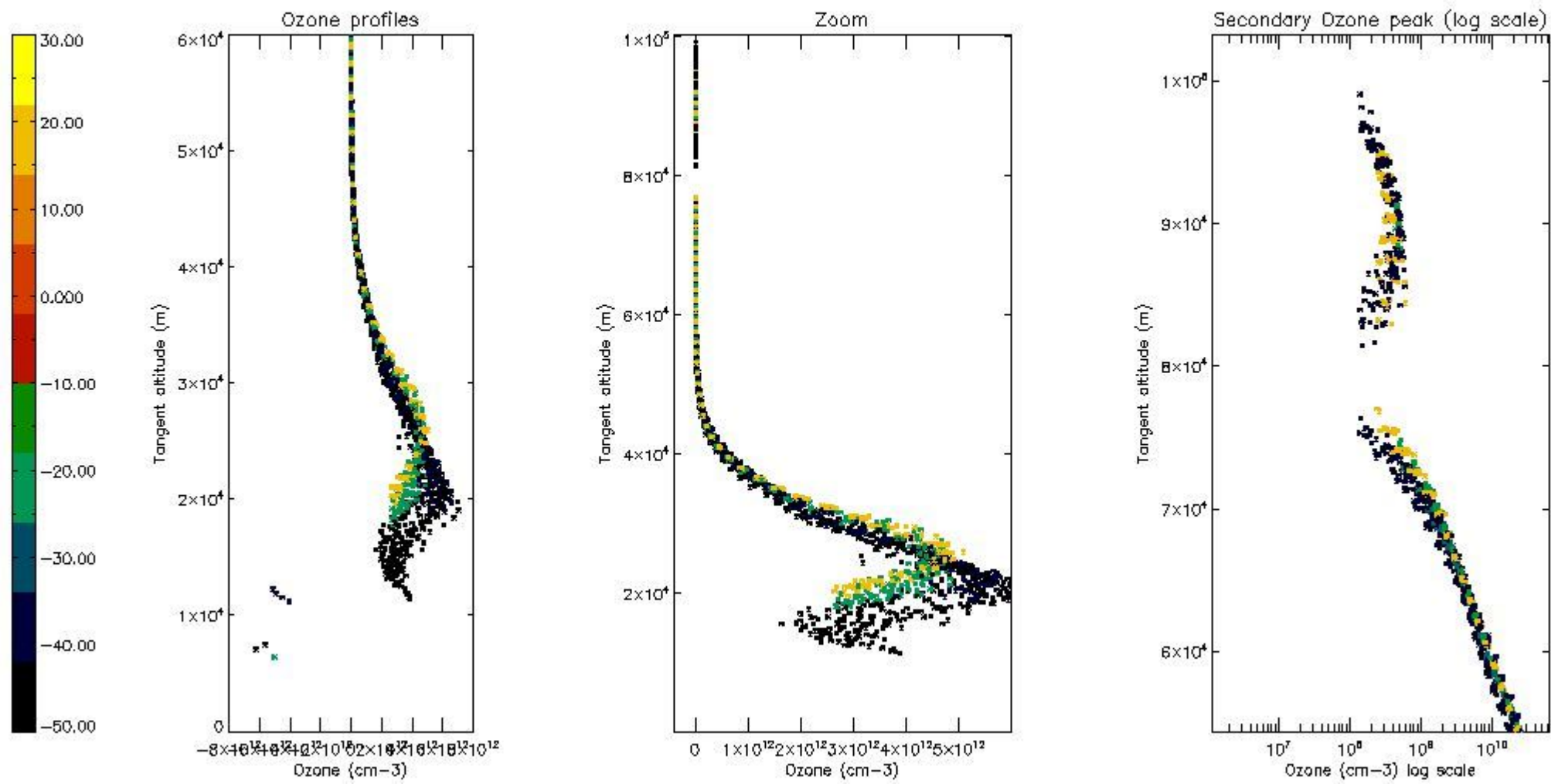
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



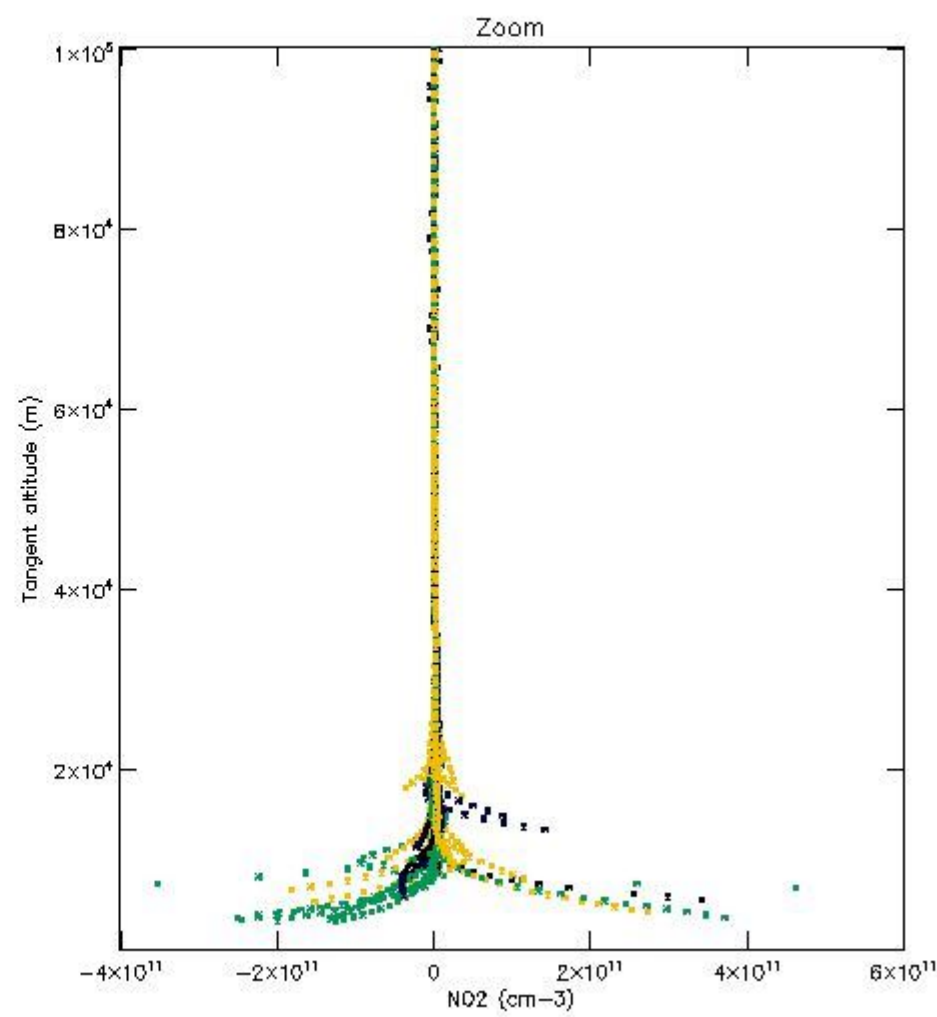
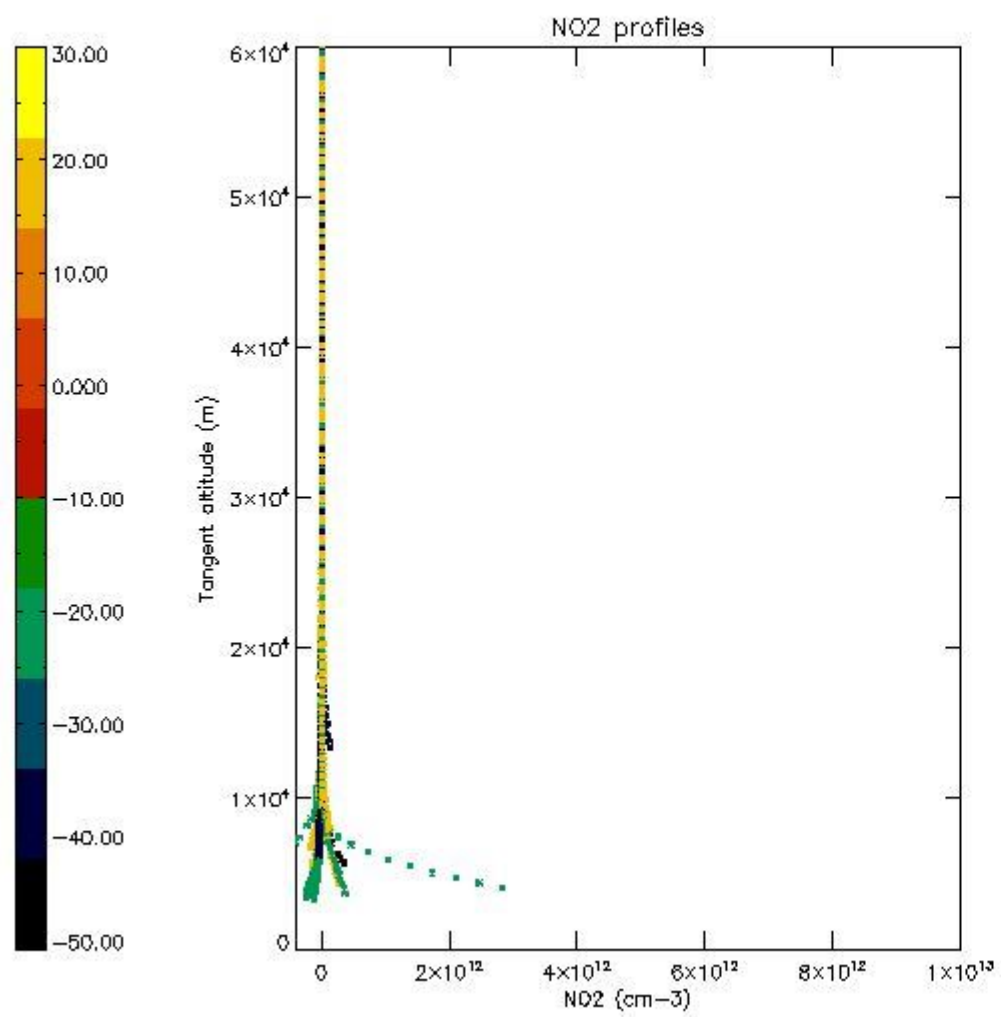
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



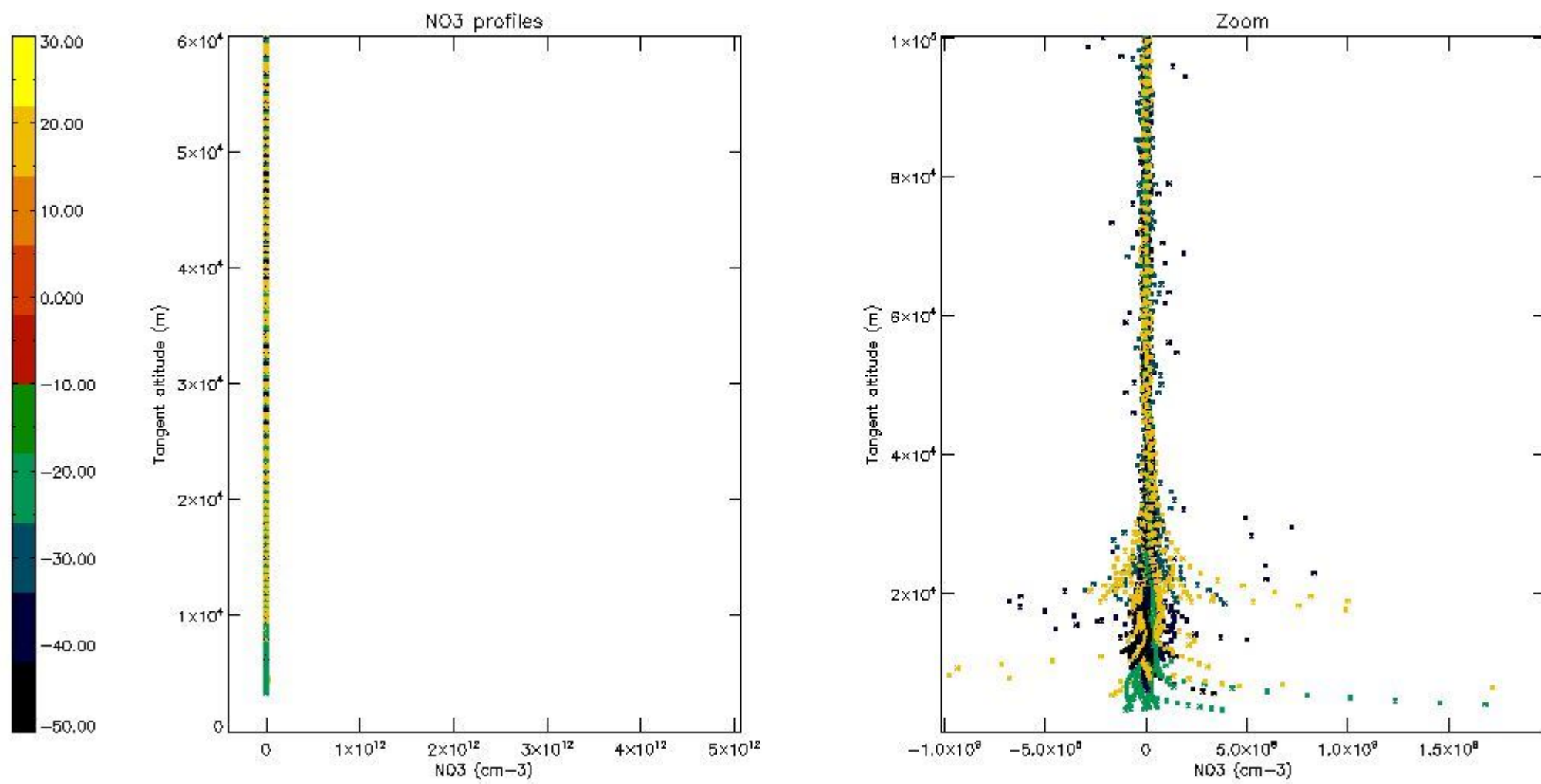
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



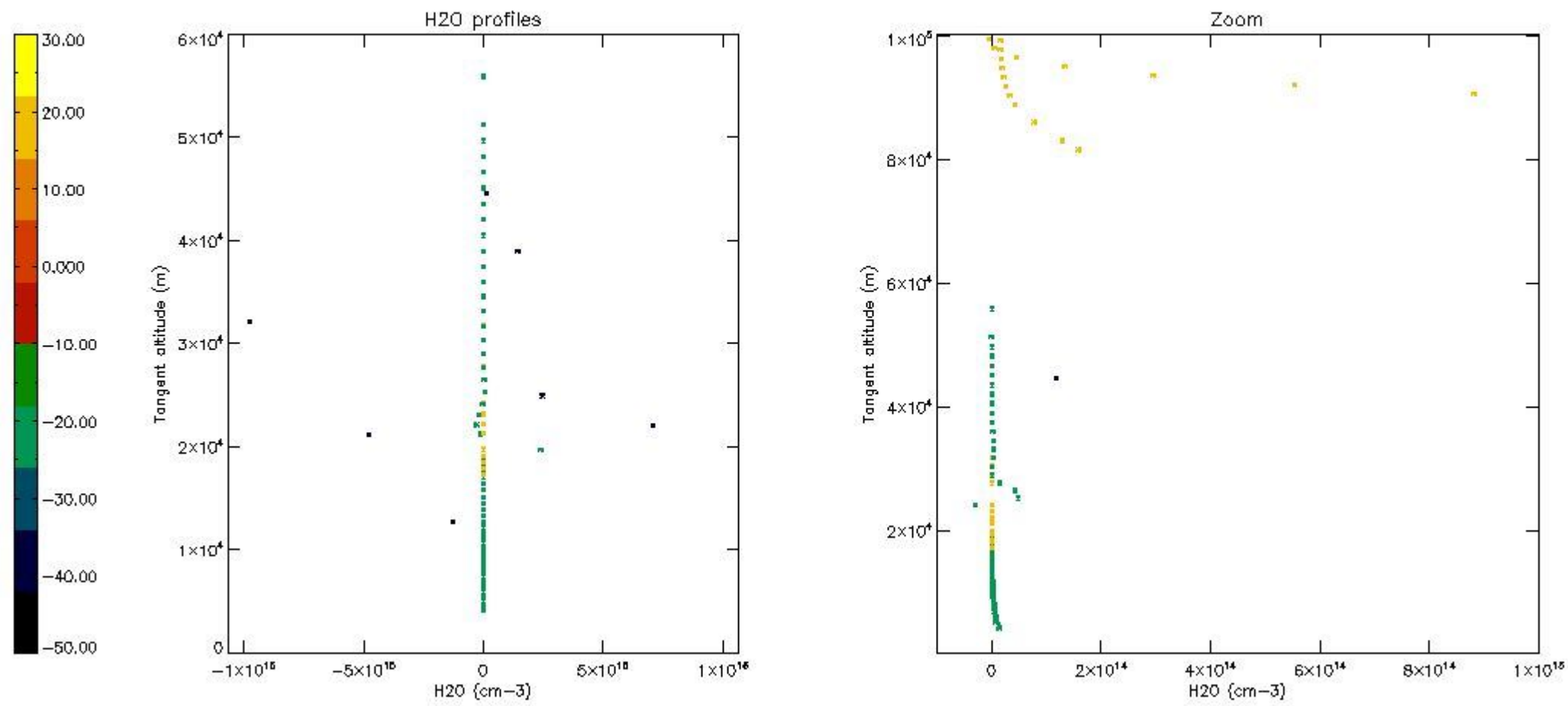
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

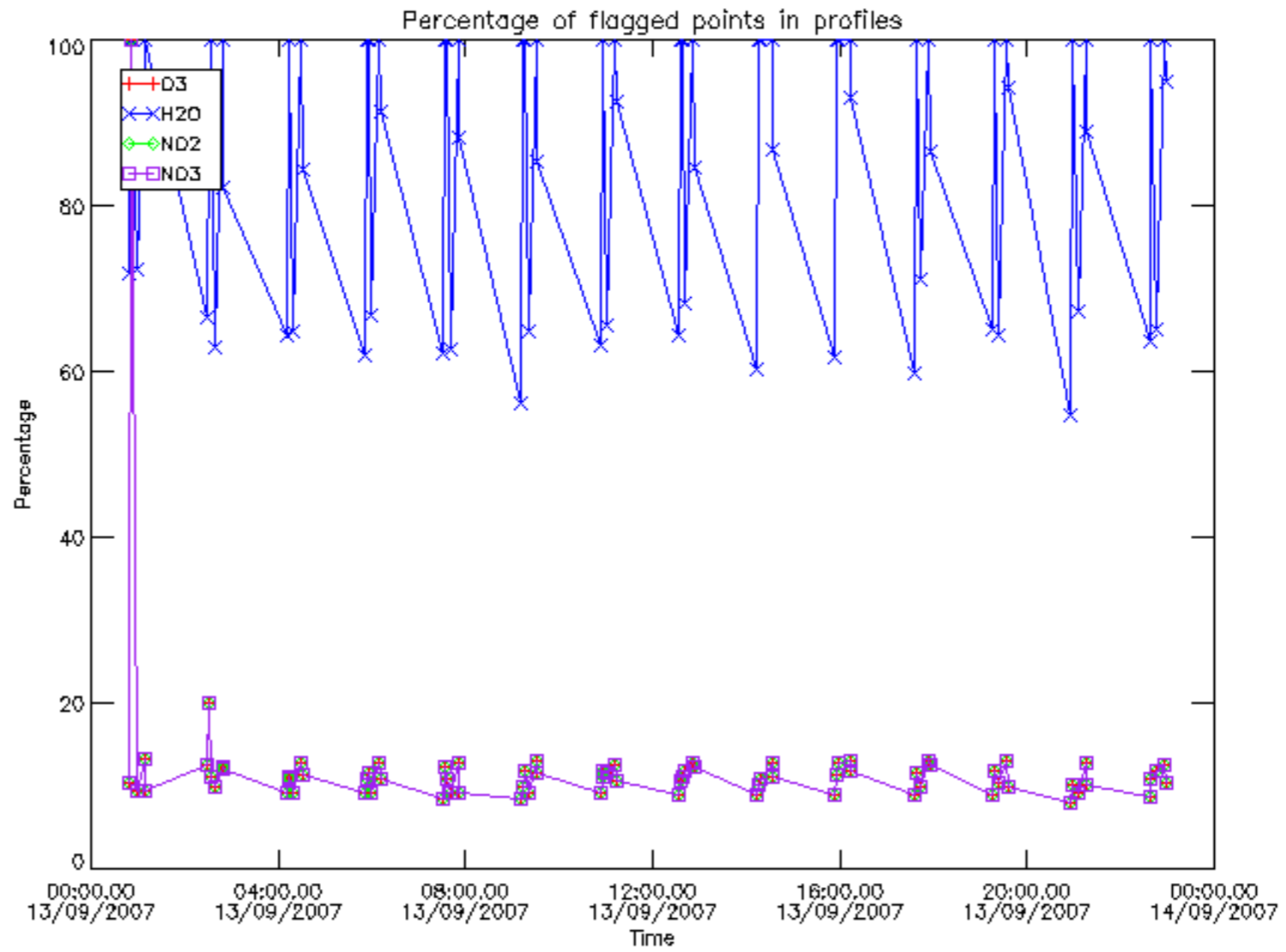
The colorbar represents the latitude.



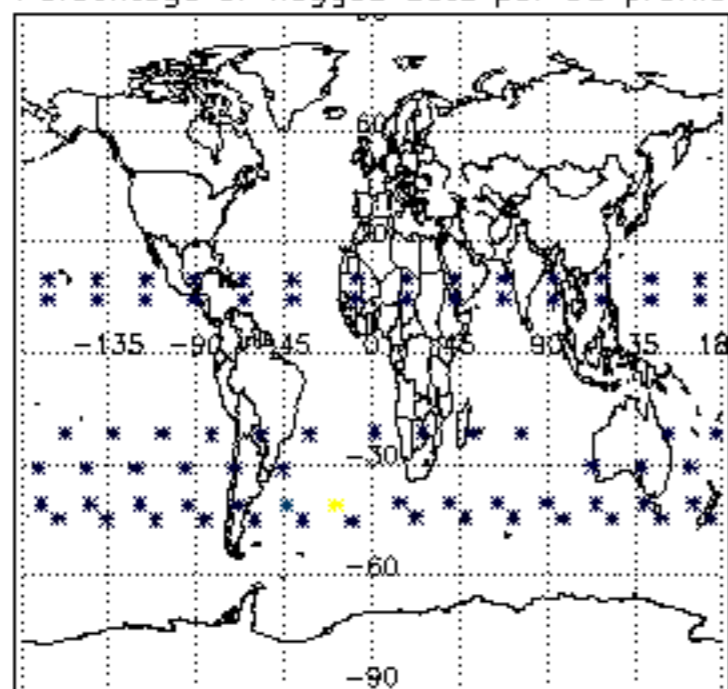
6. Auxiliary Data Files used for the production reported in section 2

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.

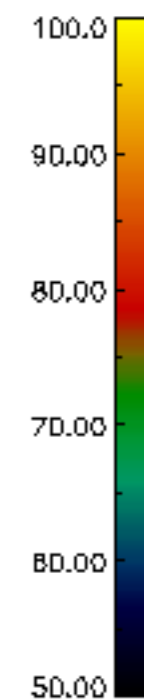
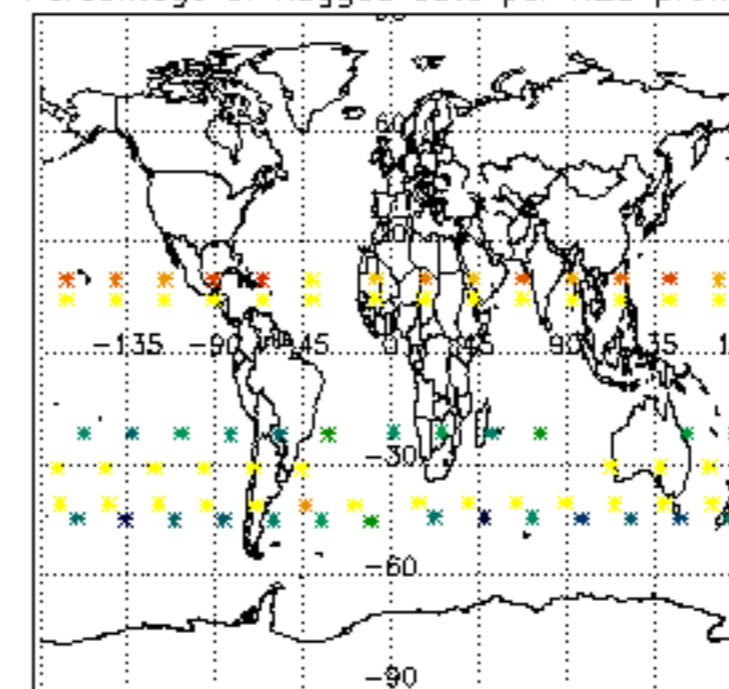
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	13-SEP-2007 00:08:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	13-SEP-2007 00:08:01
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	13-SEP-2007 00:08:01



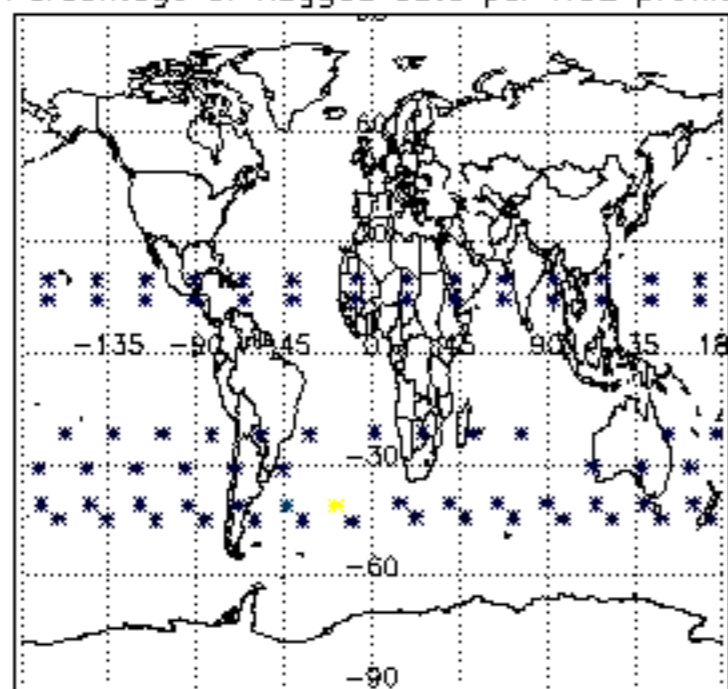
Percentage of flagged data per D3 profile



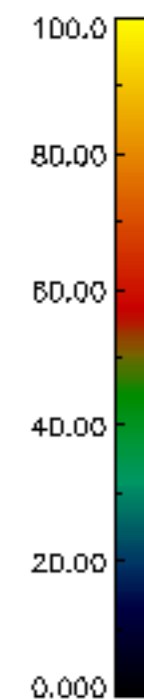
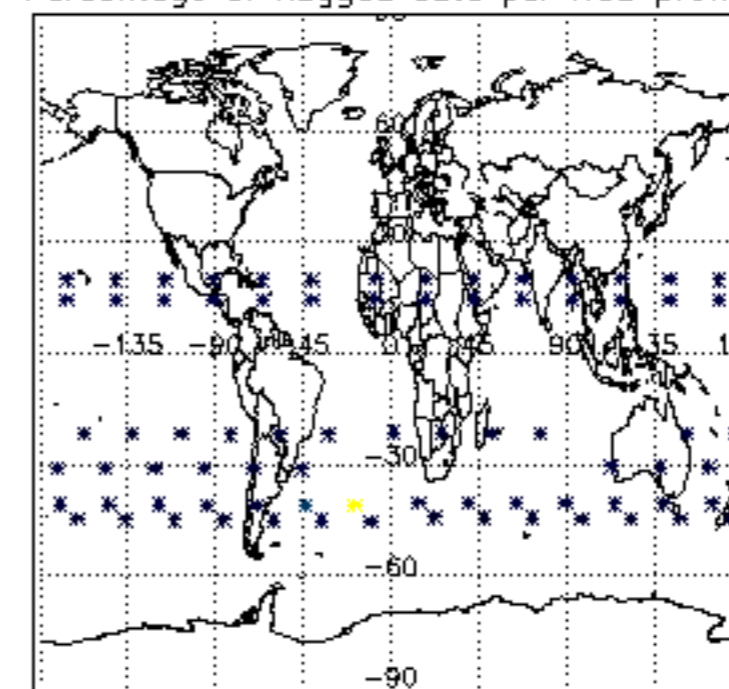
Percentage of flagged data per H2O profile

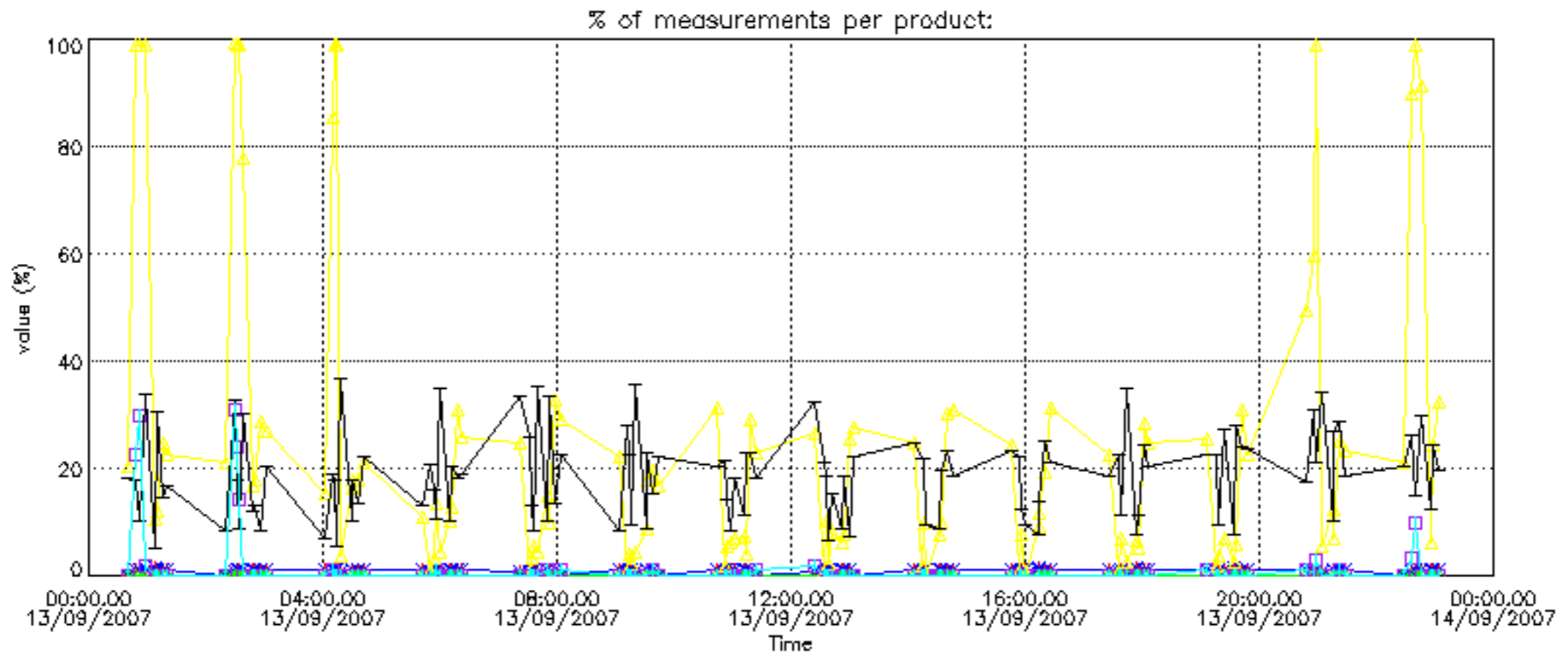


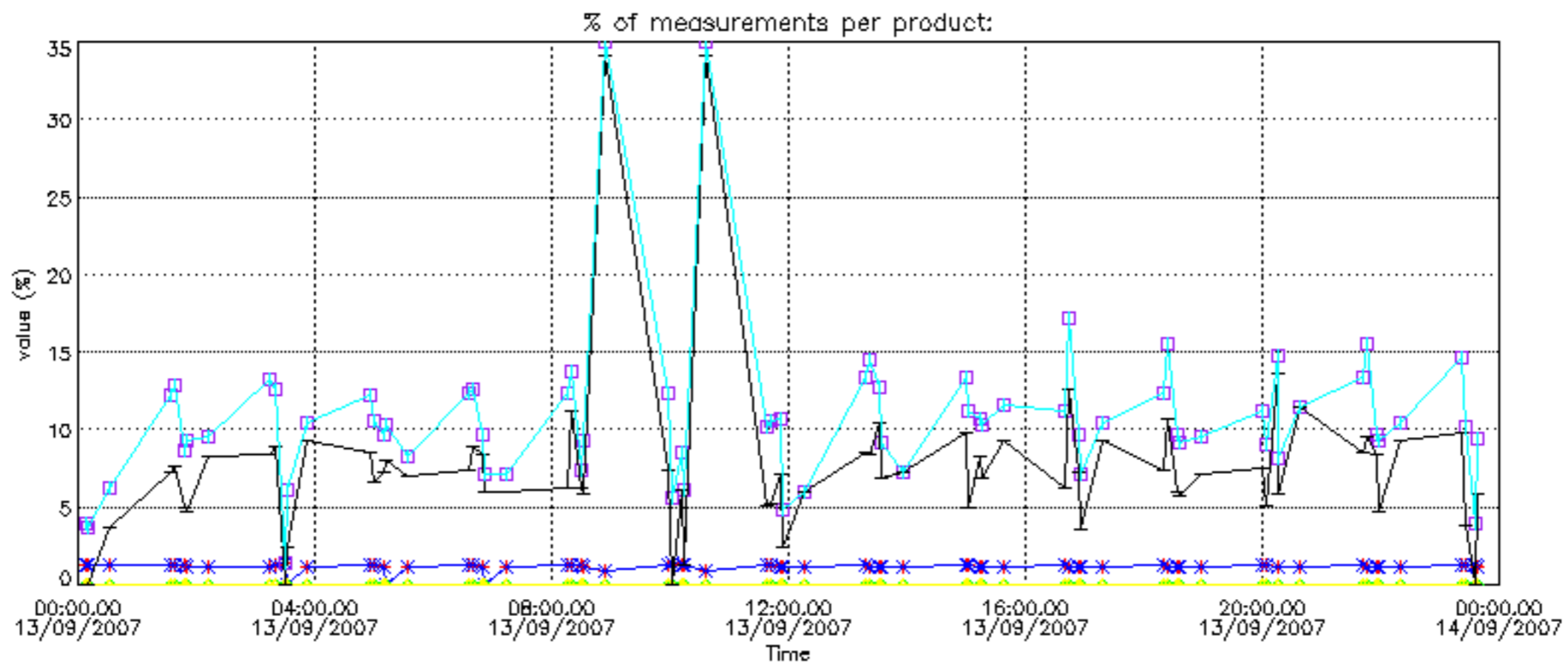
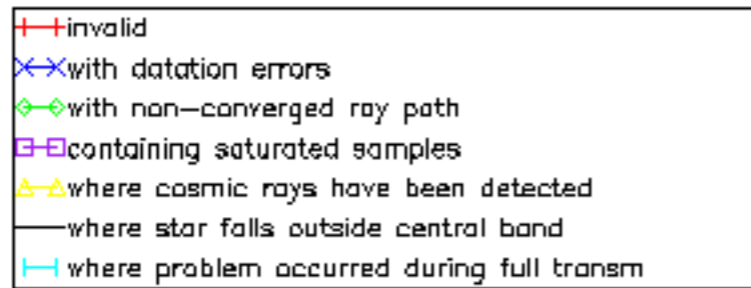
Percentage of flagged data per NO2 profile



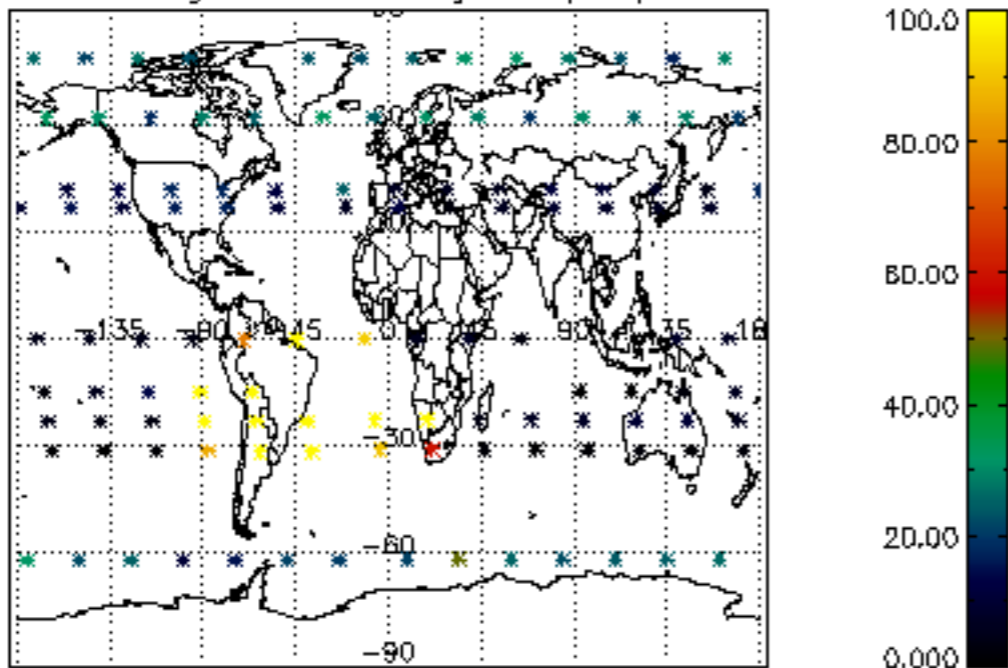
Percentage of flagged data per NO3 profile



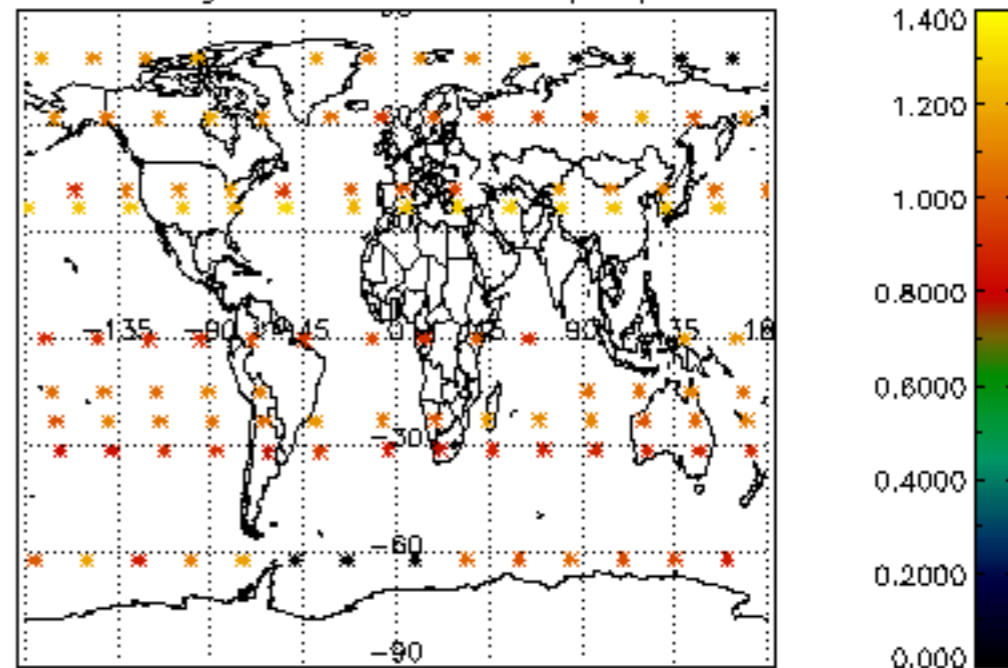




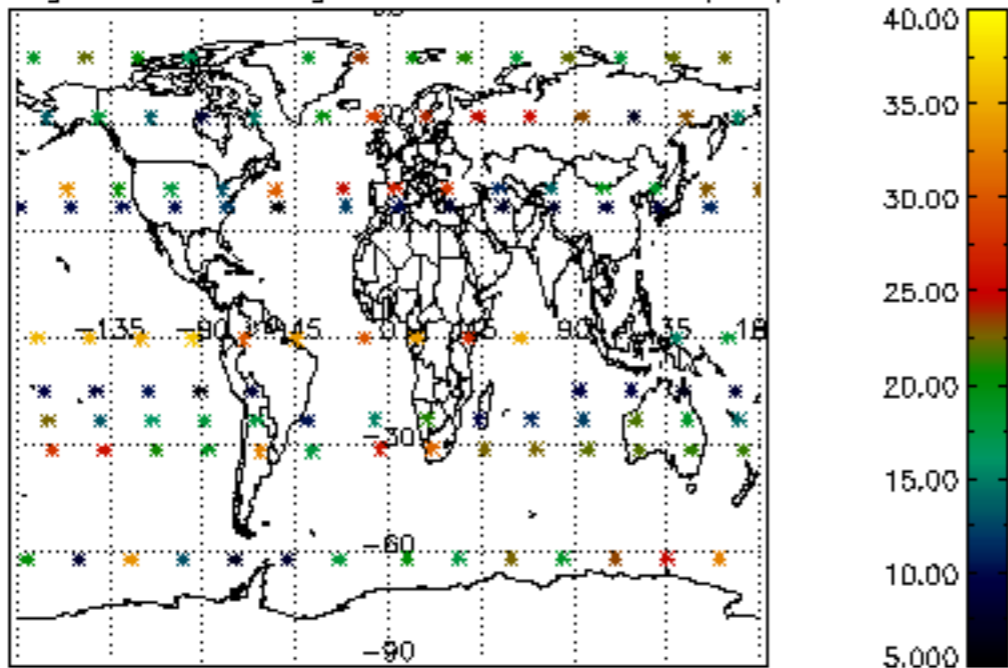
Percentage of cosmic ray hits per profile



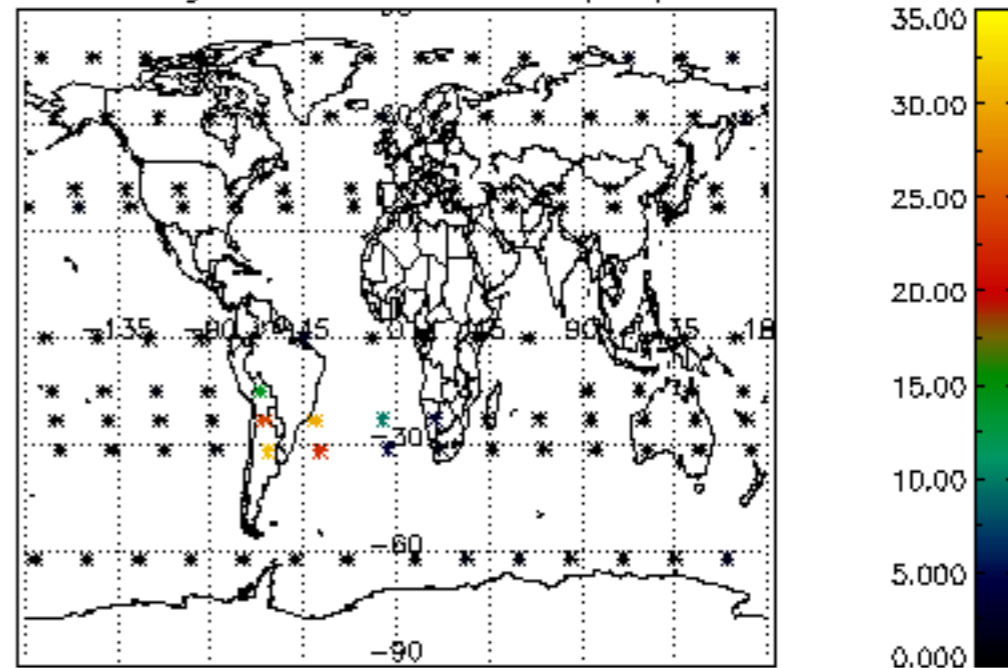
Percentage of datation errors per profile



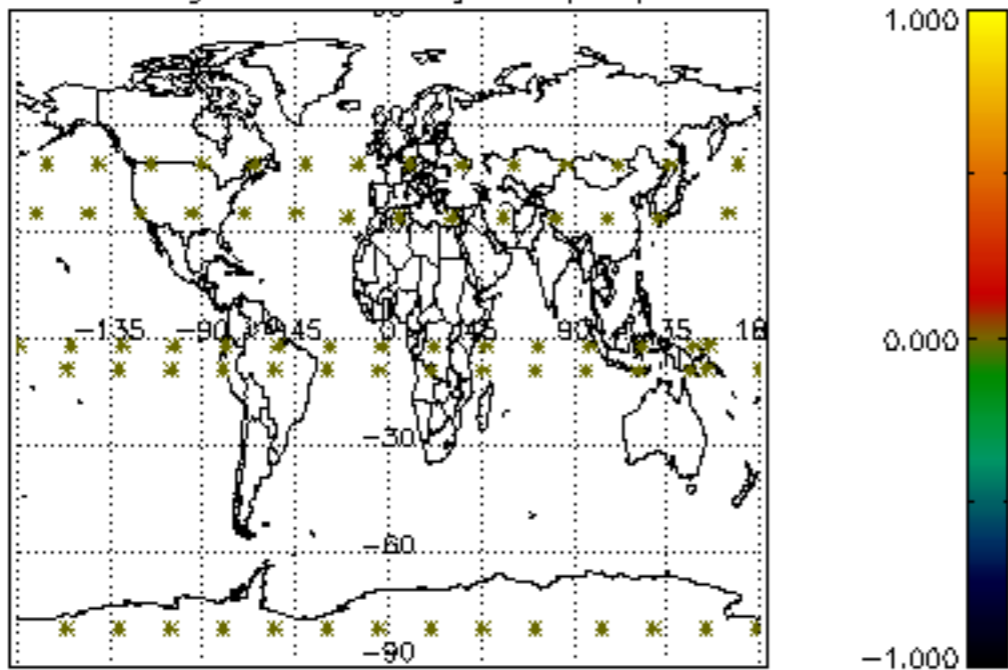
Percentage of star falling outside central band per profile



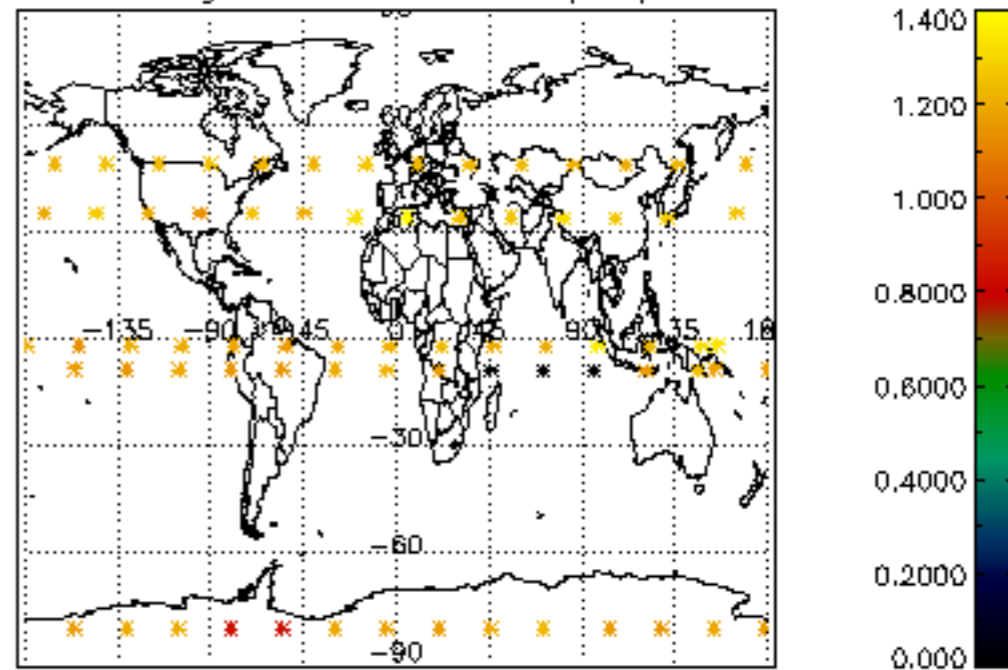
Percentage of saturation errors per profile



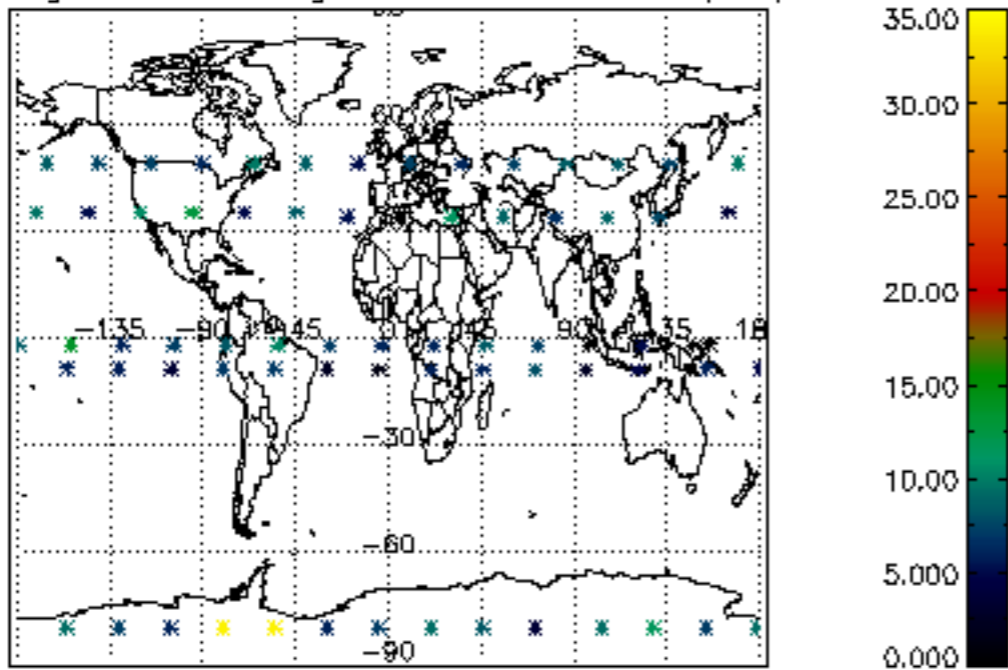
Percentage of cosmic ray hits per profile



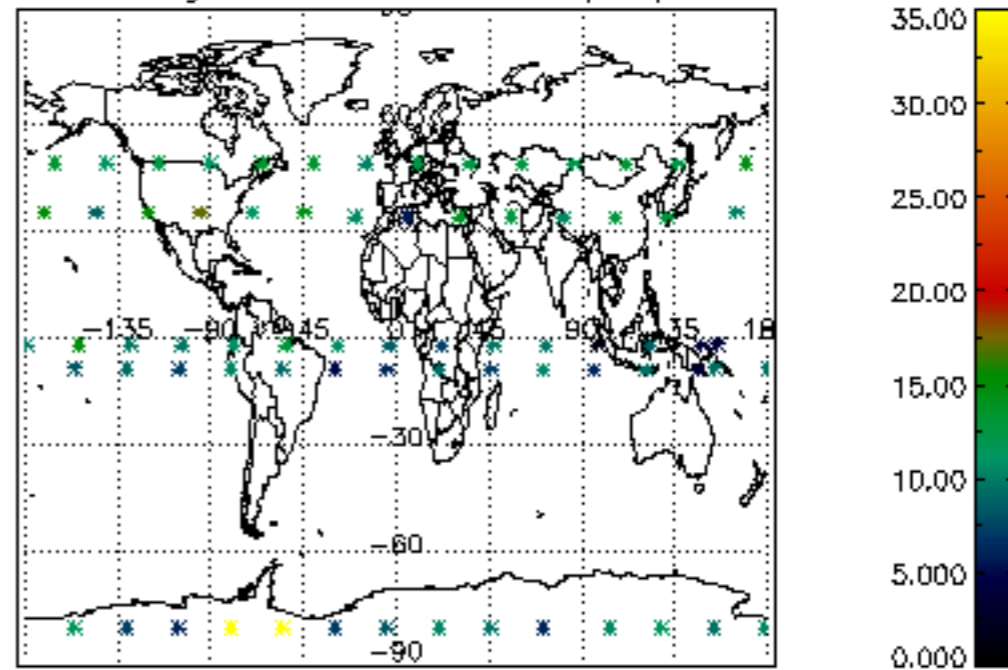
Percentage of datation errors per profile

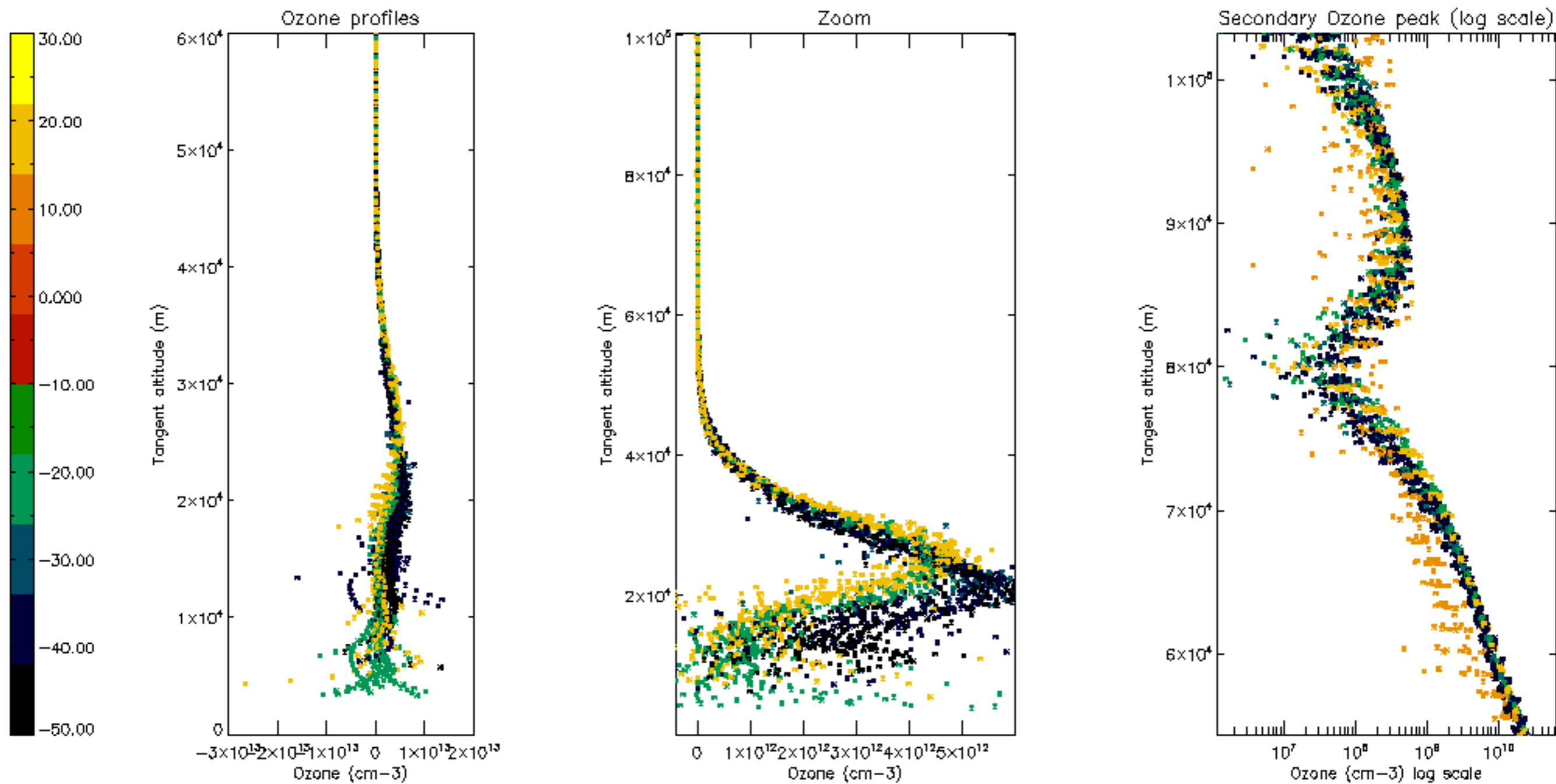


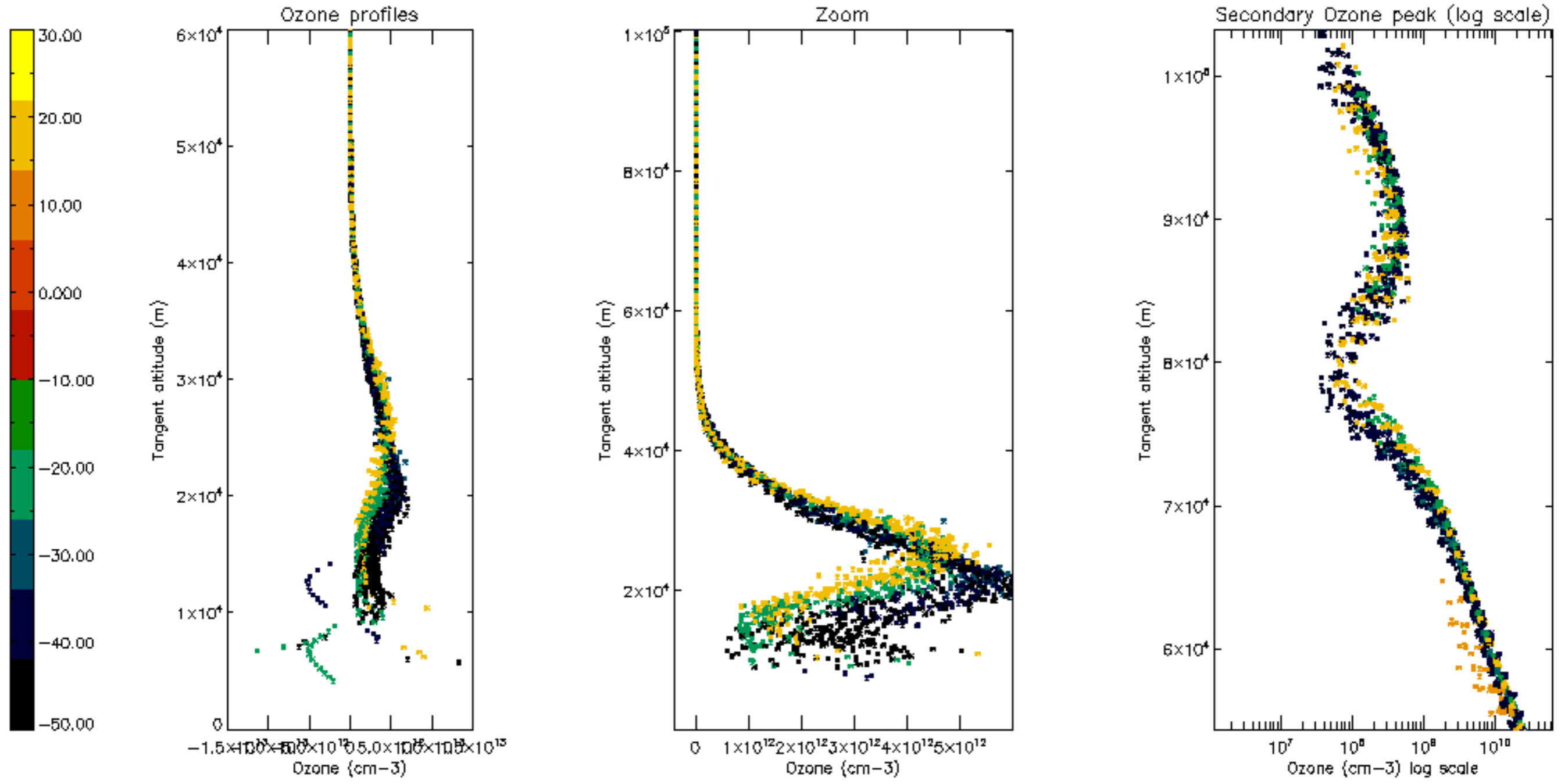
Percentage of star falling outside central band per profile

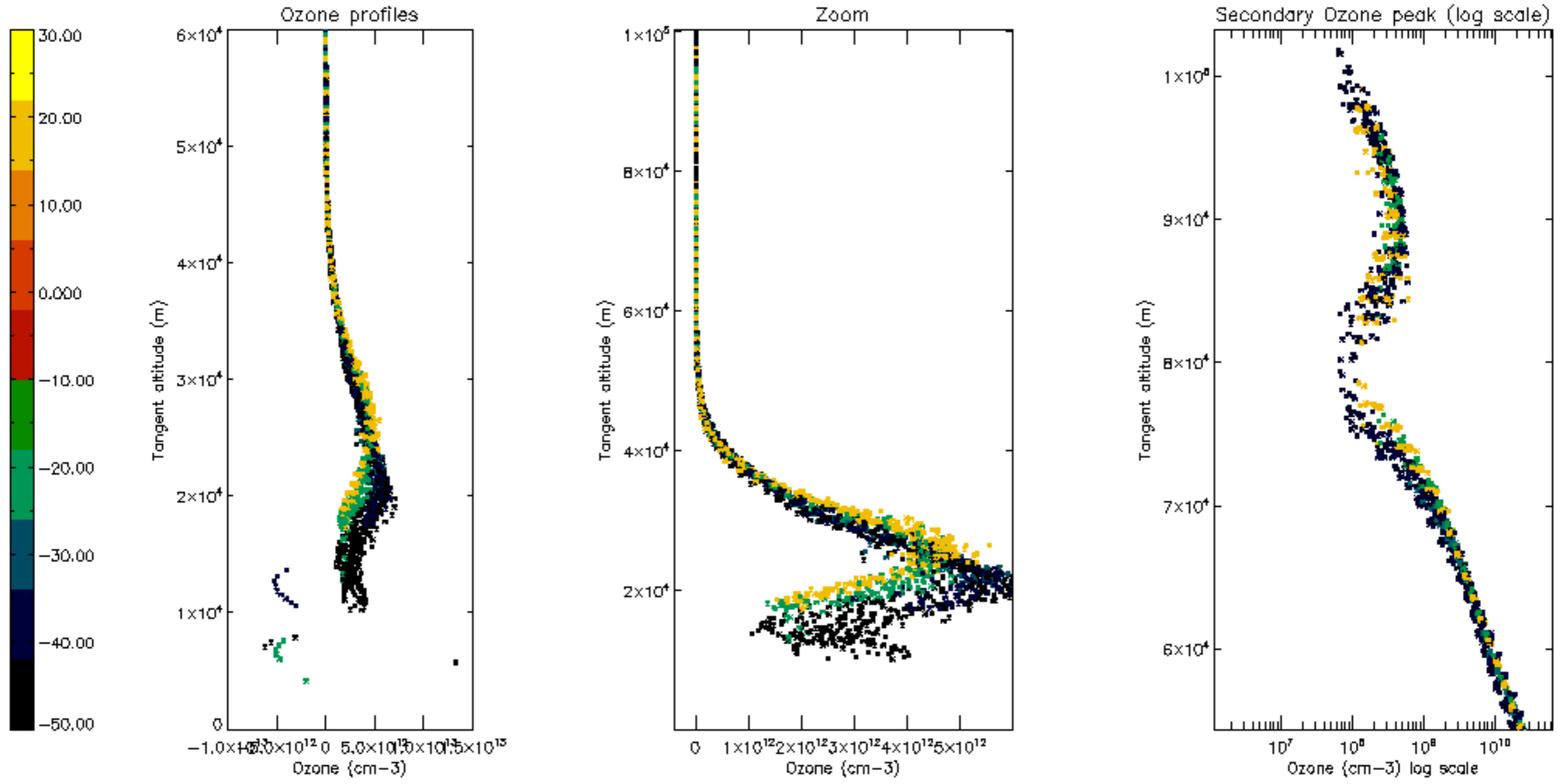


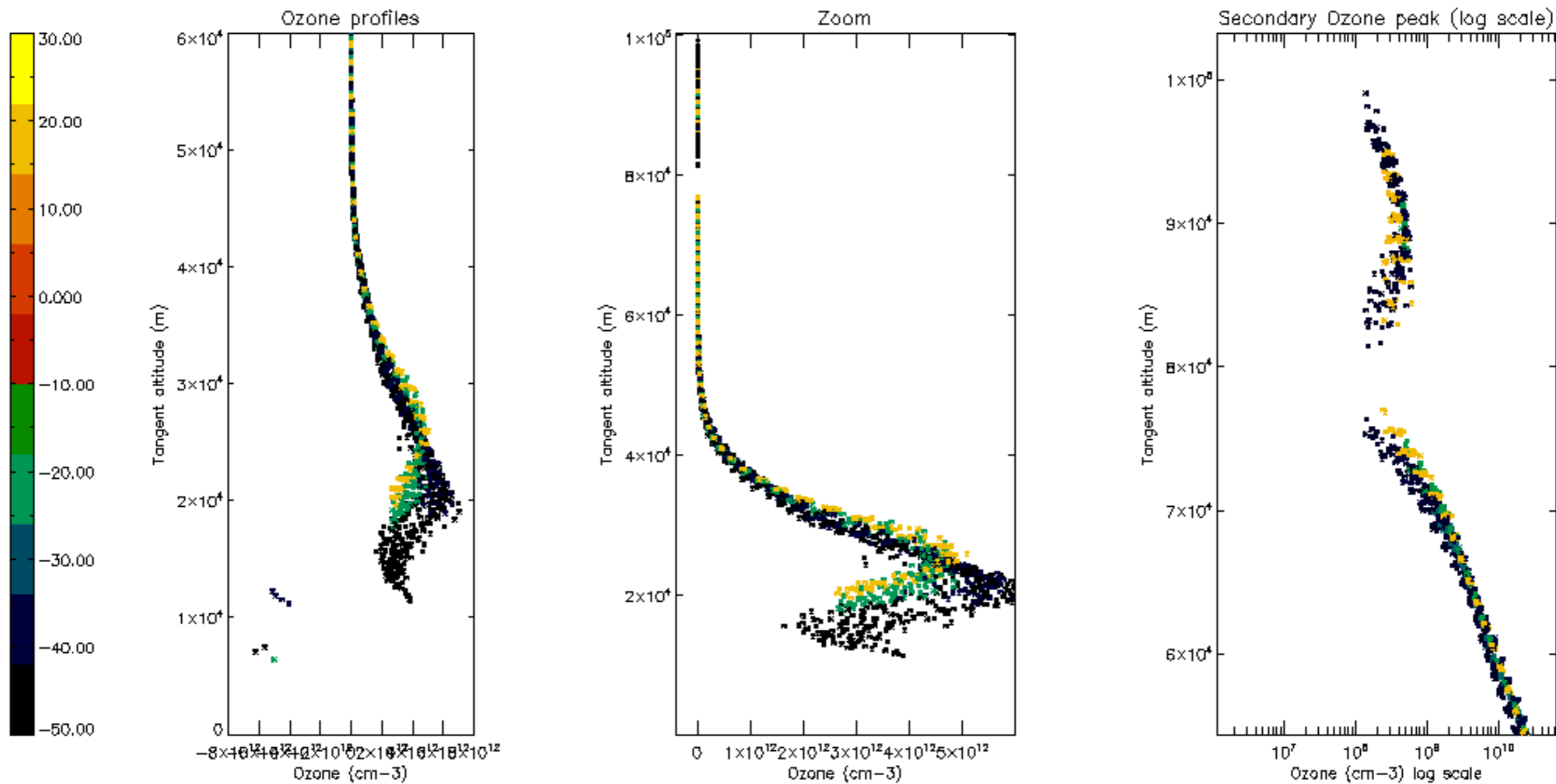
Percentage of saturation errors per profile

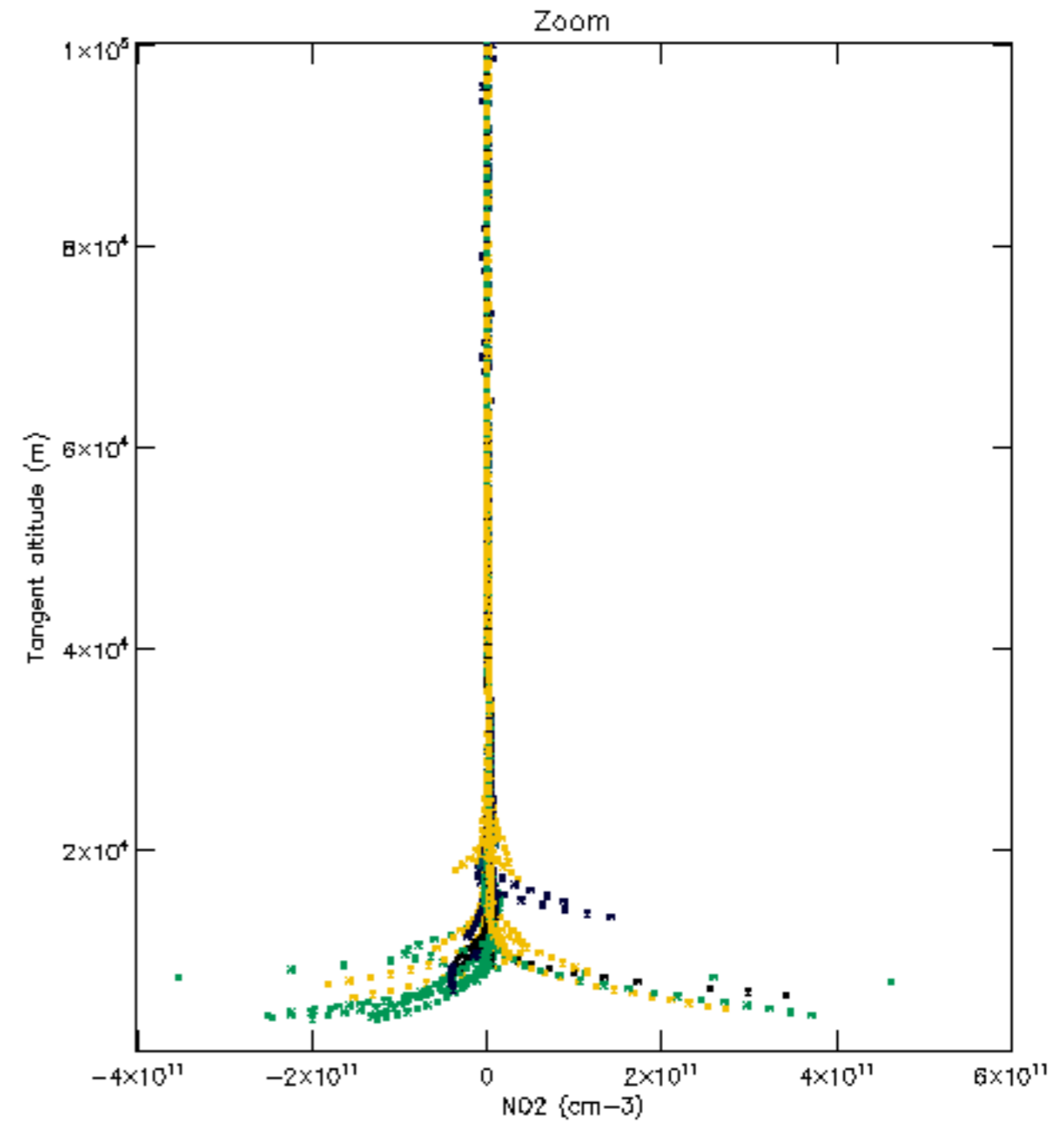
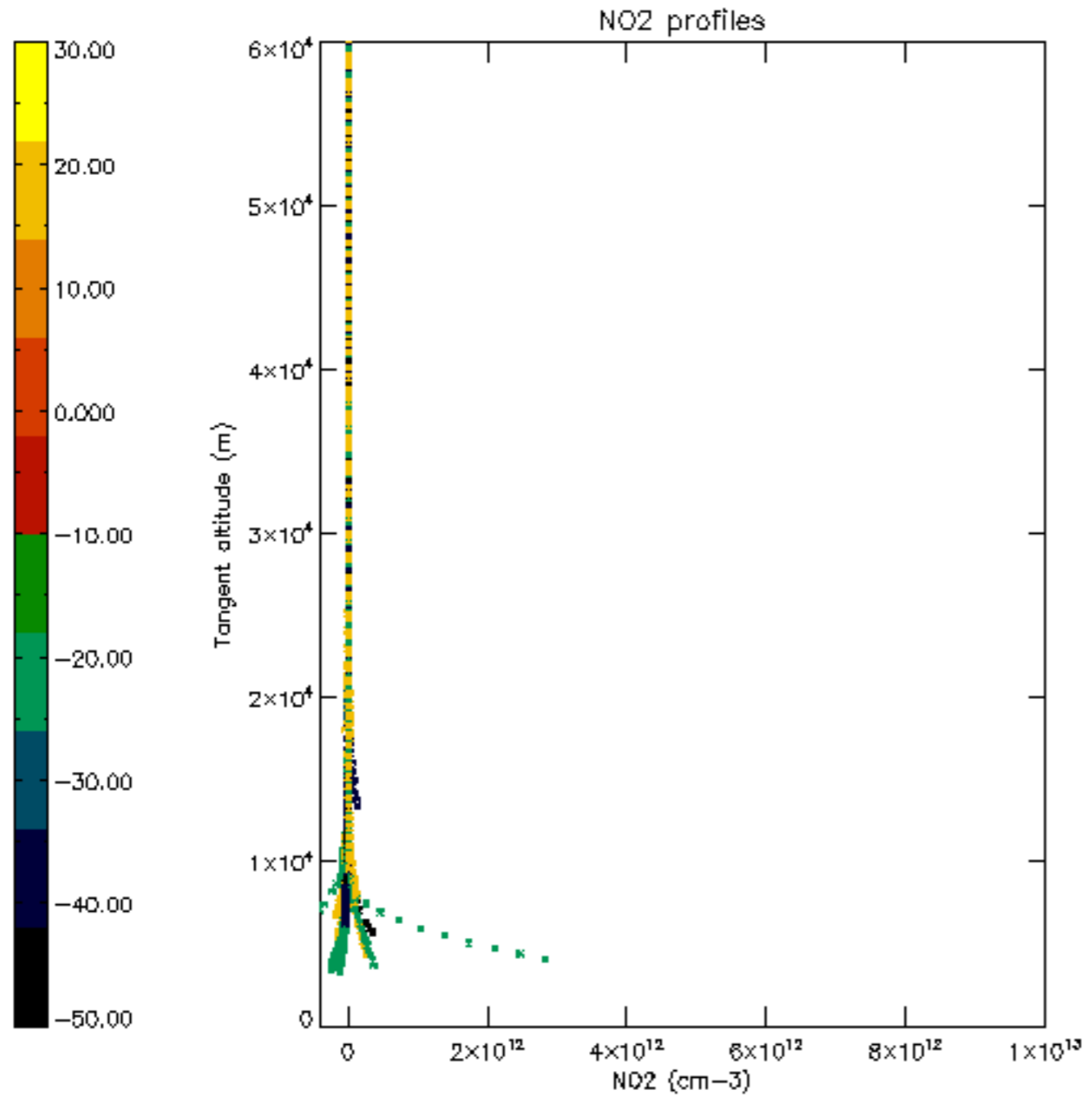


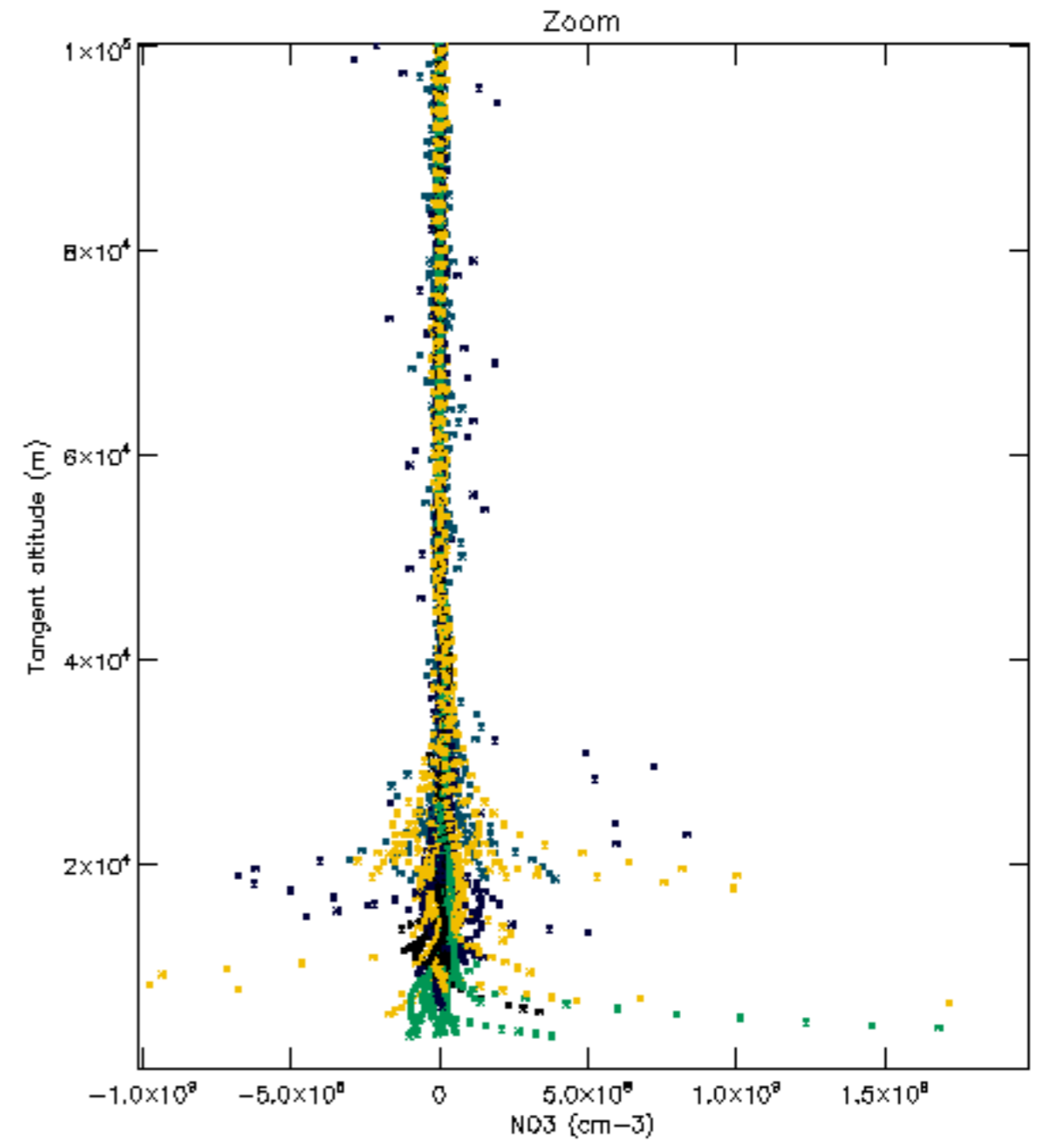
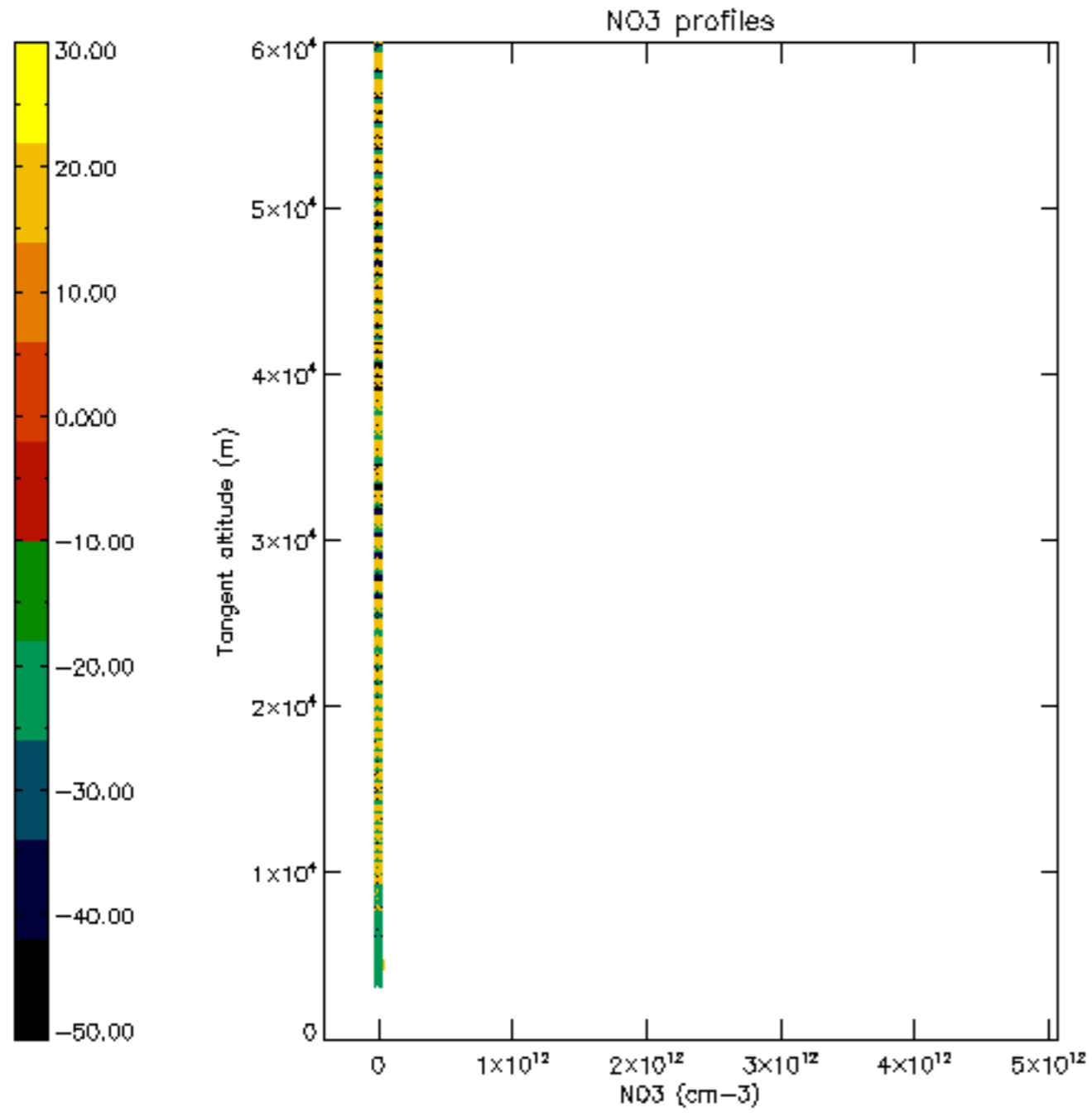


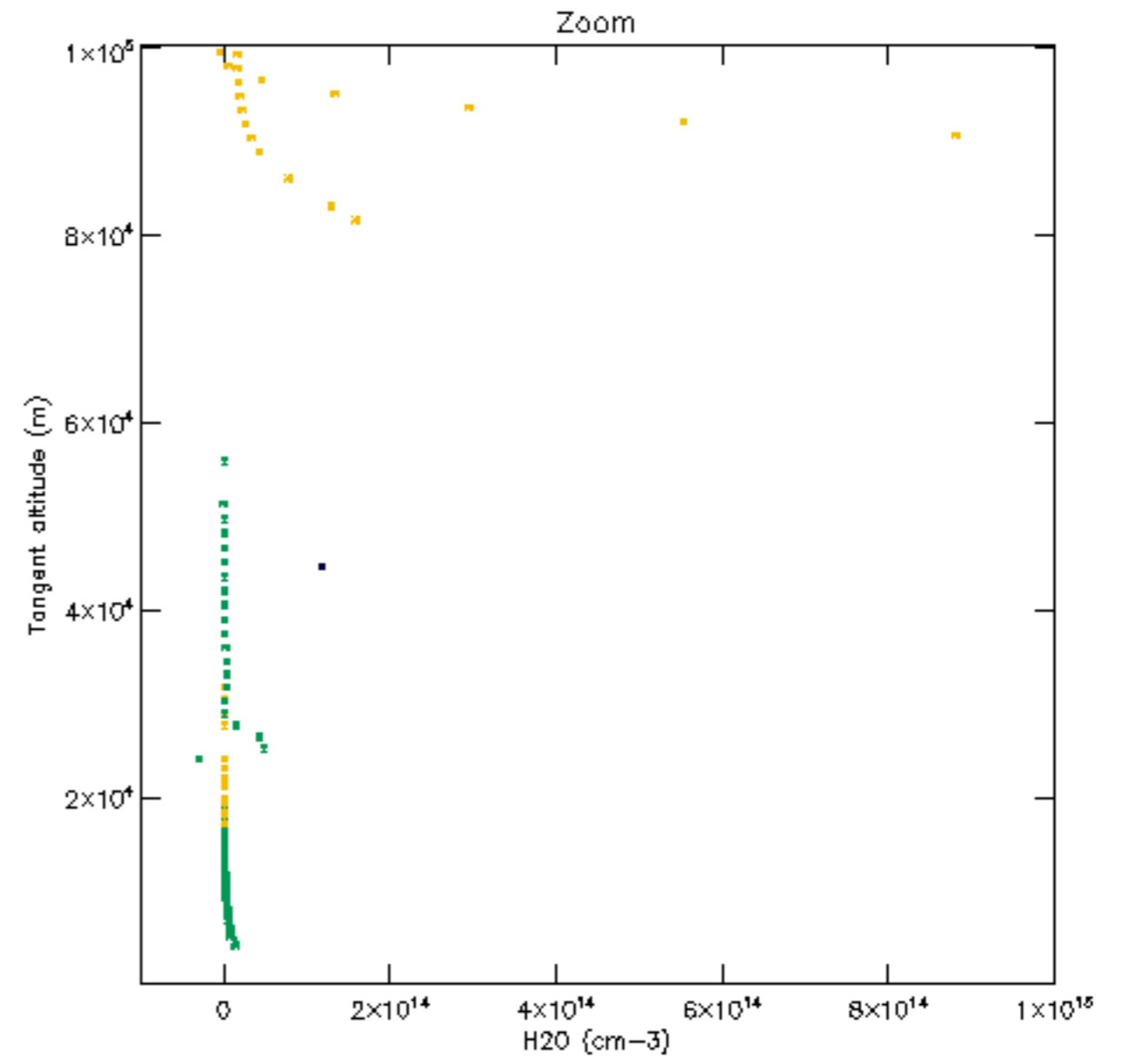
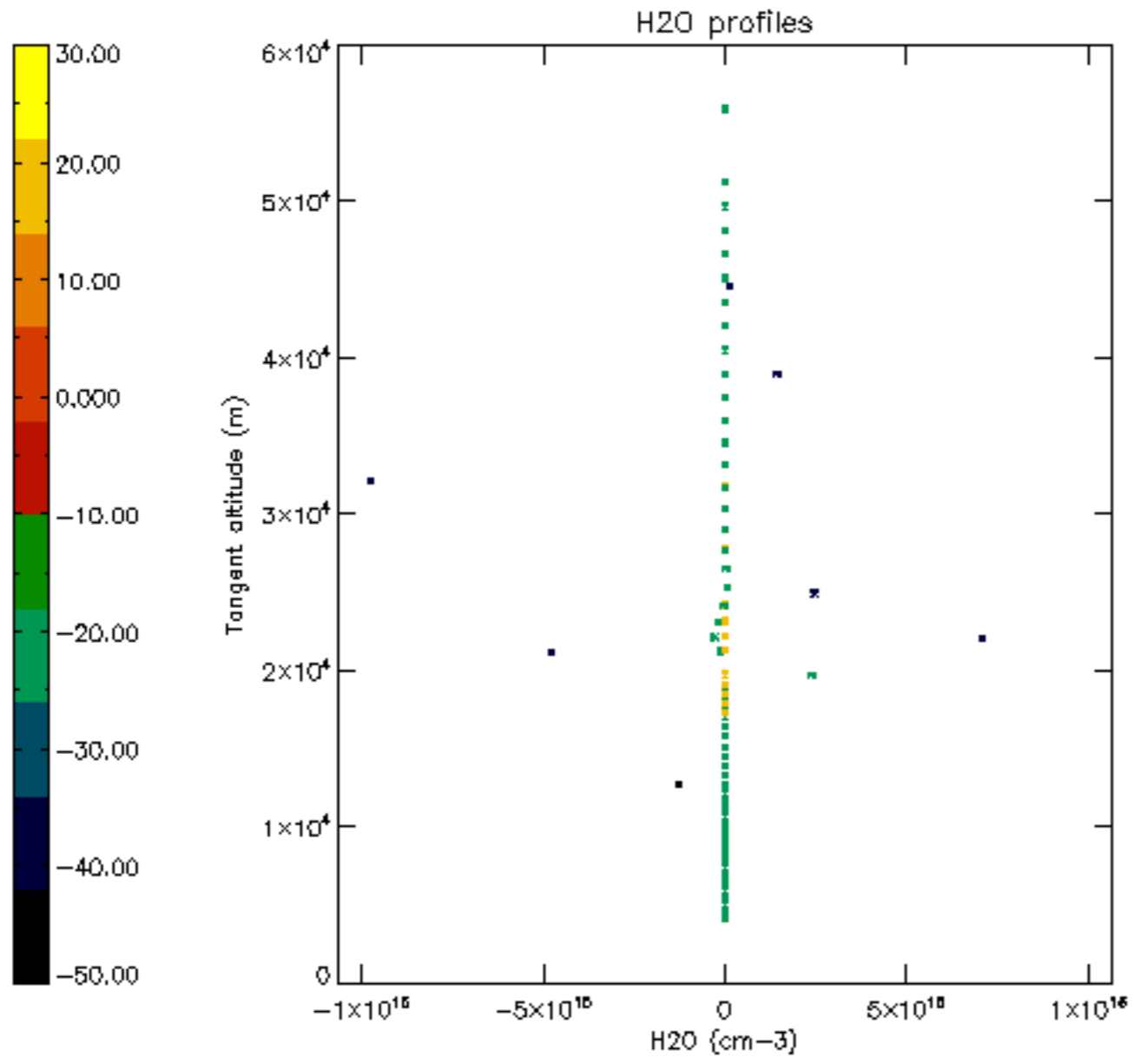


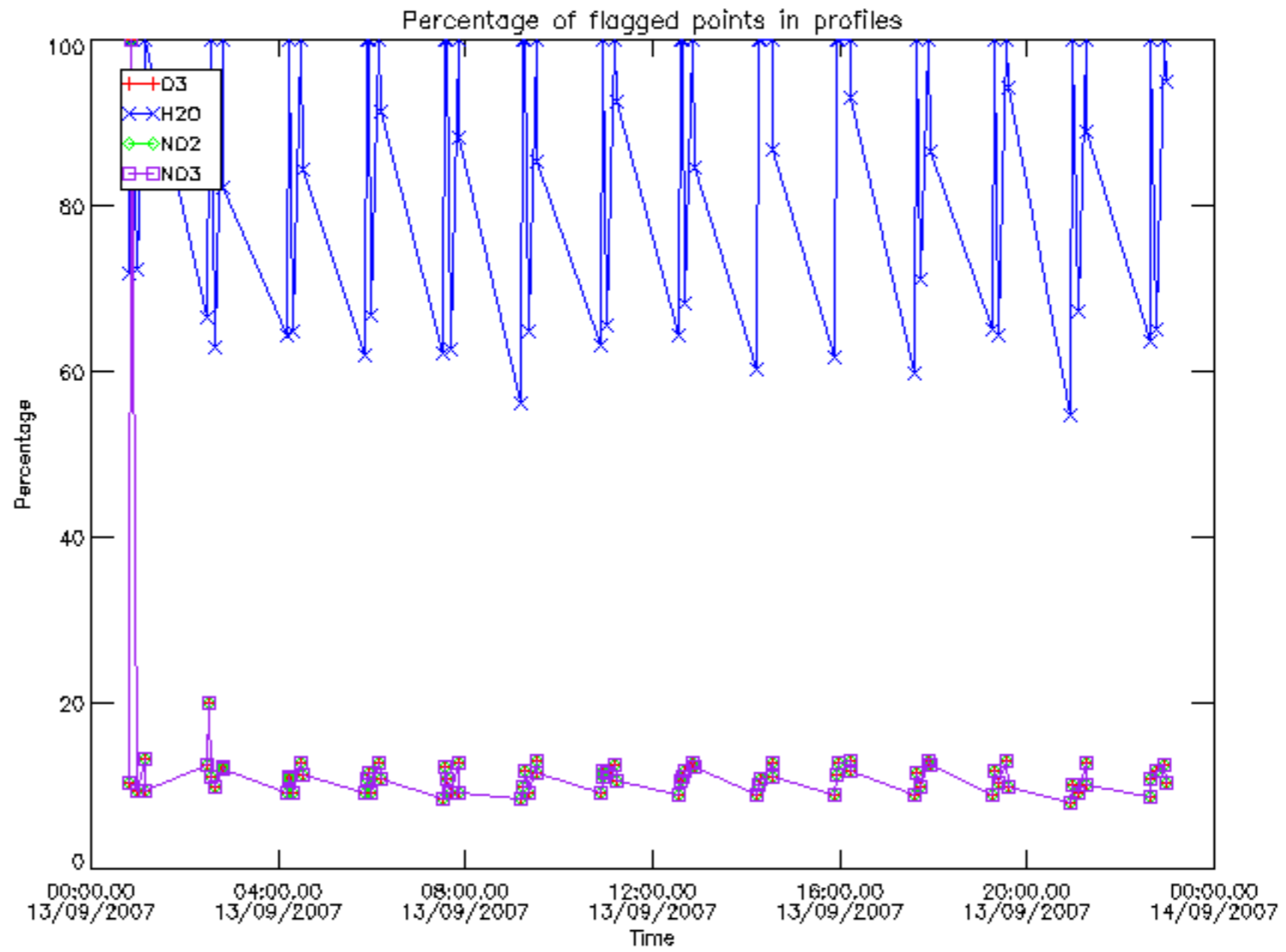




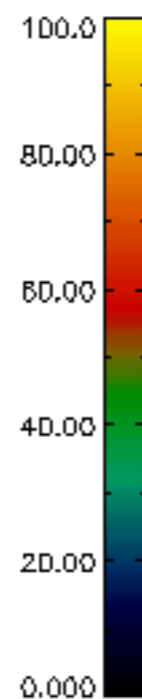
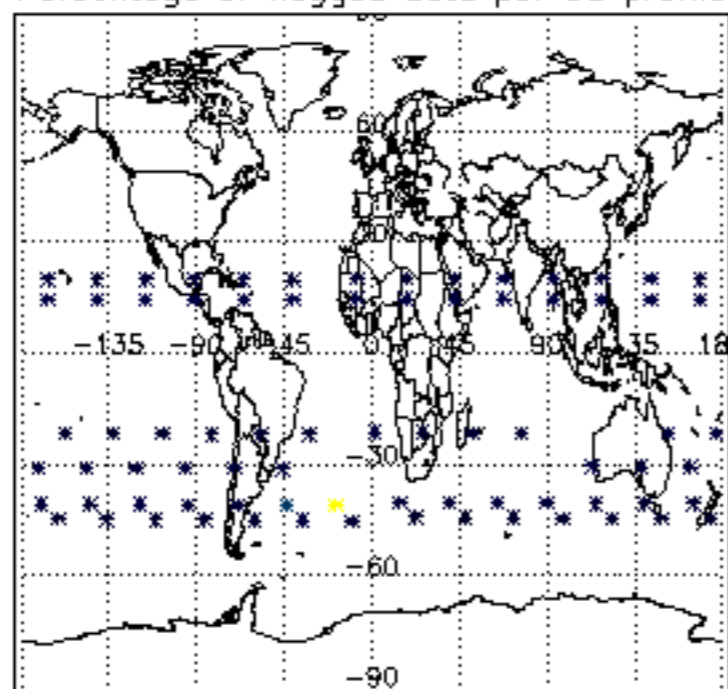




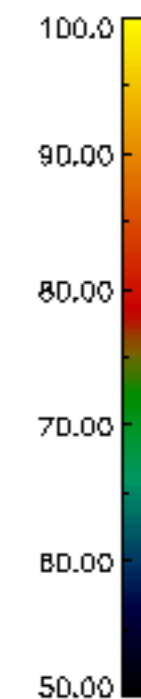
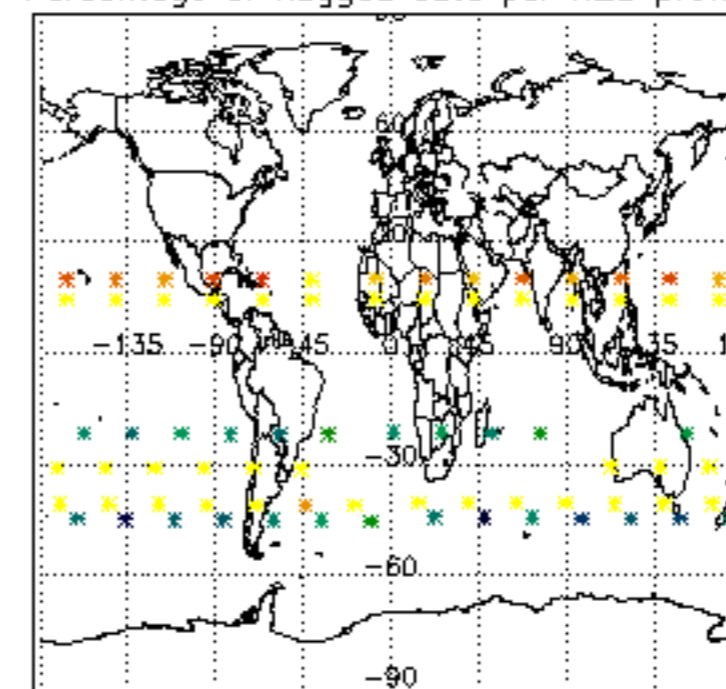




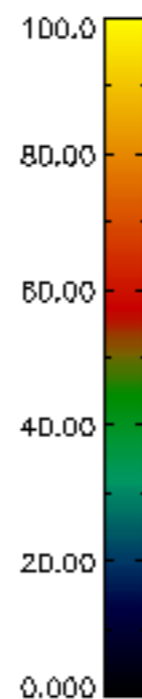
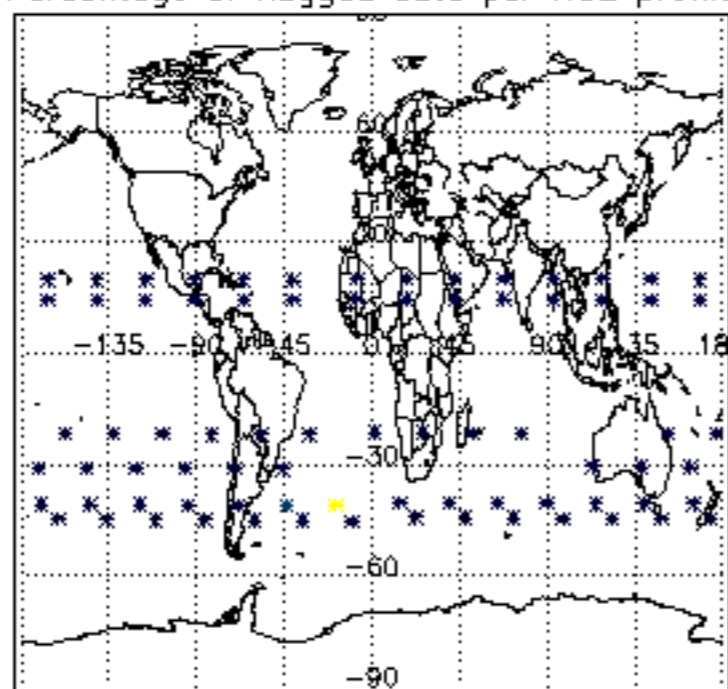
Percentage of flagged data per D3 profile



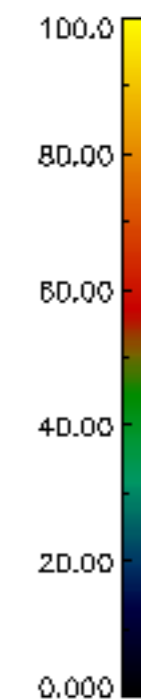
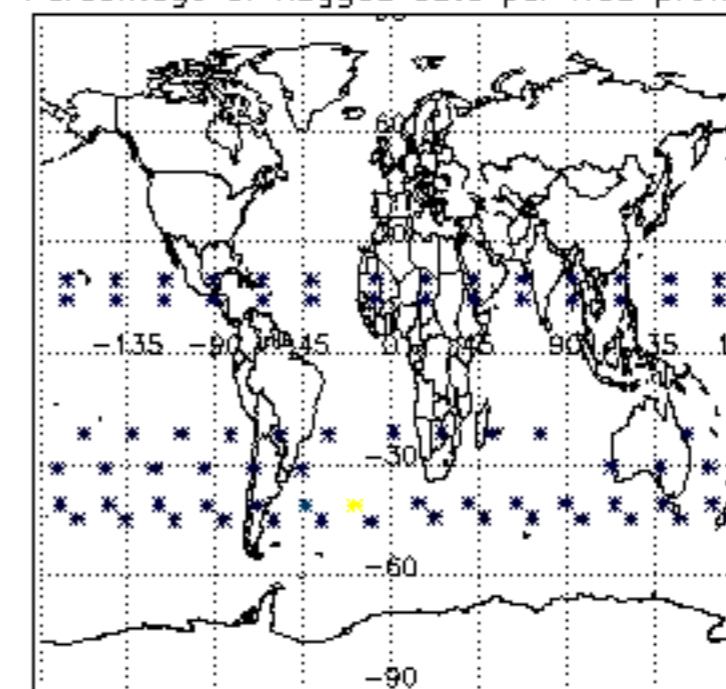
Percentage of flagged data per H2O profile

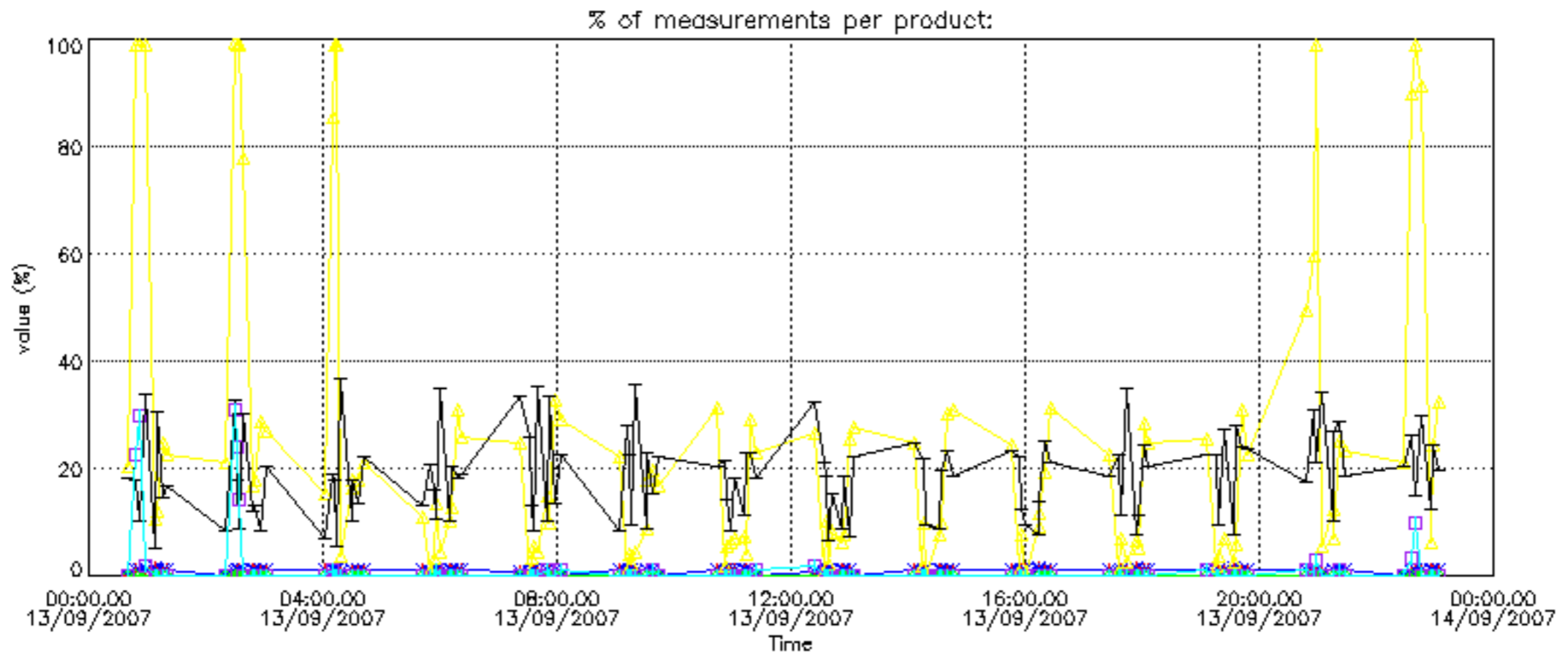


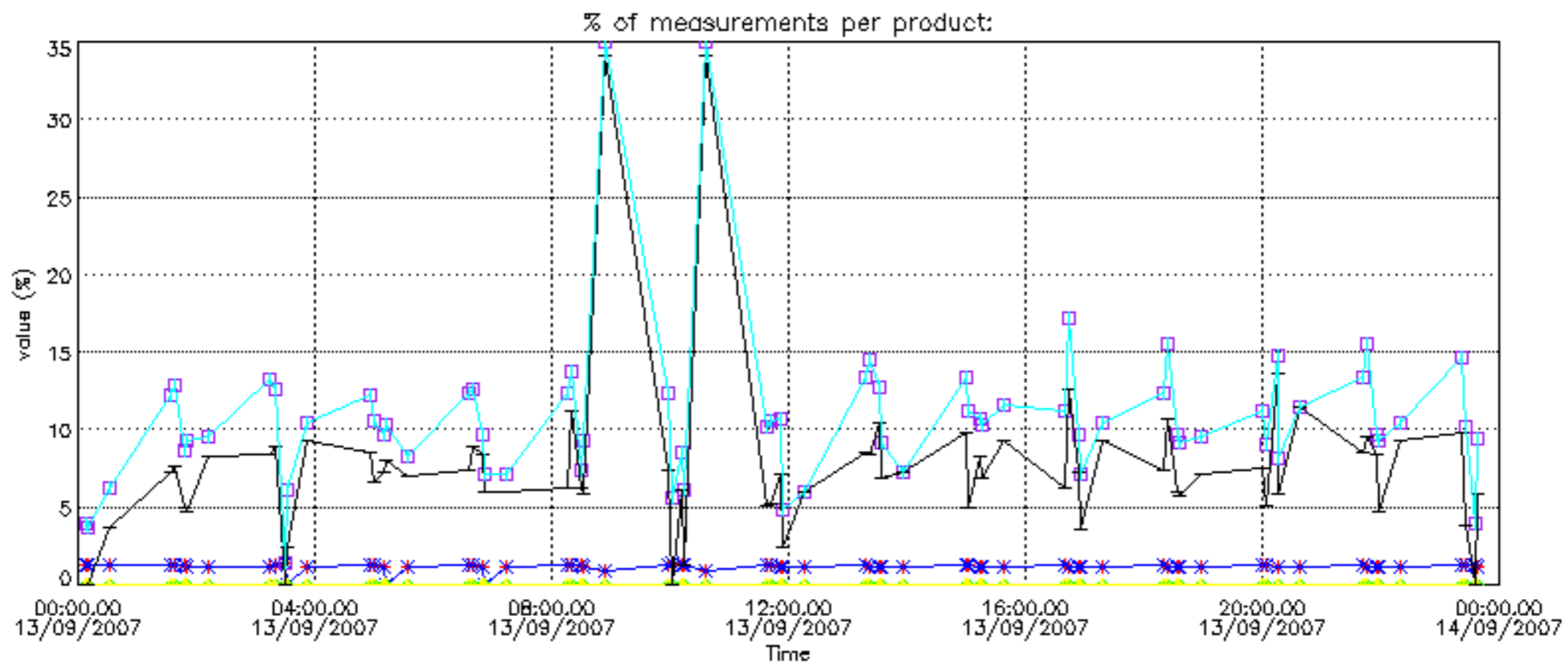
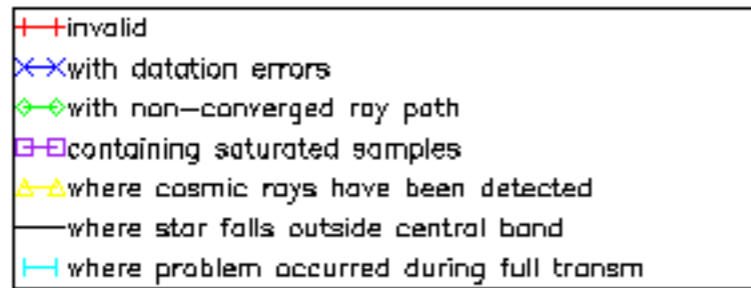
Percentage of flagged data per NO2 profile



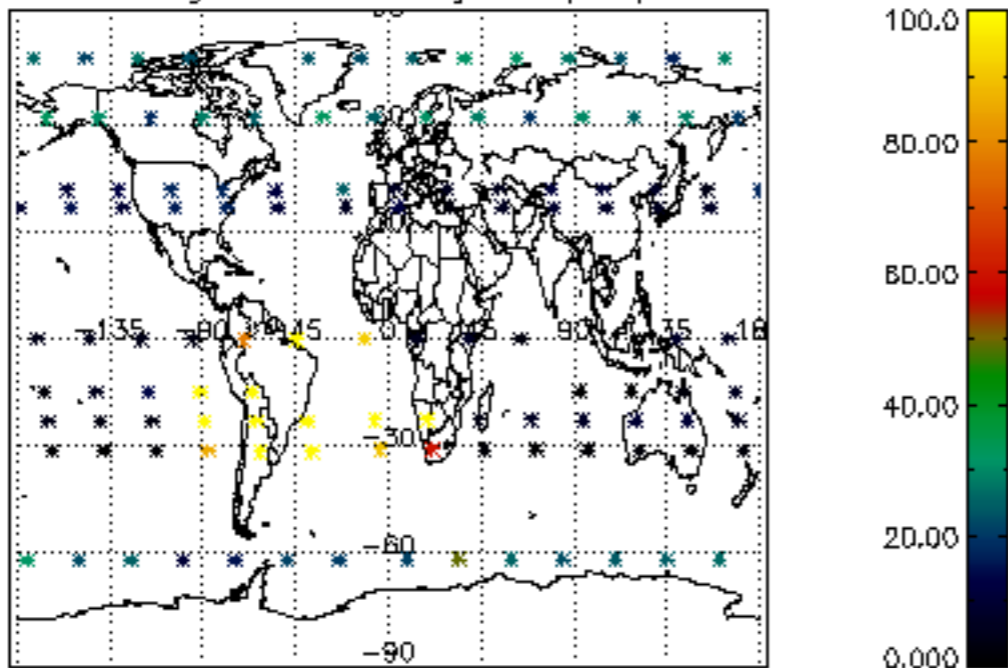
Percentage of flagged data per NO3 profile



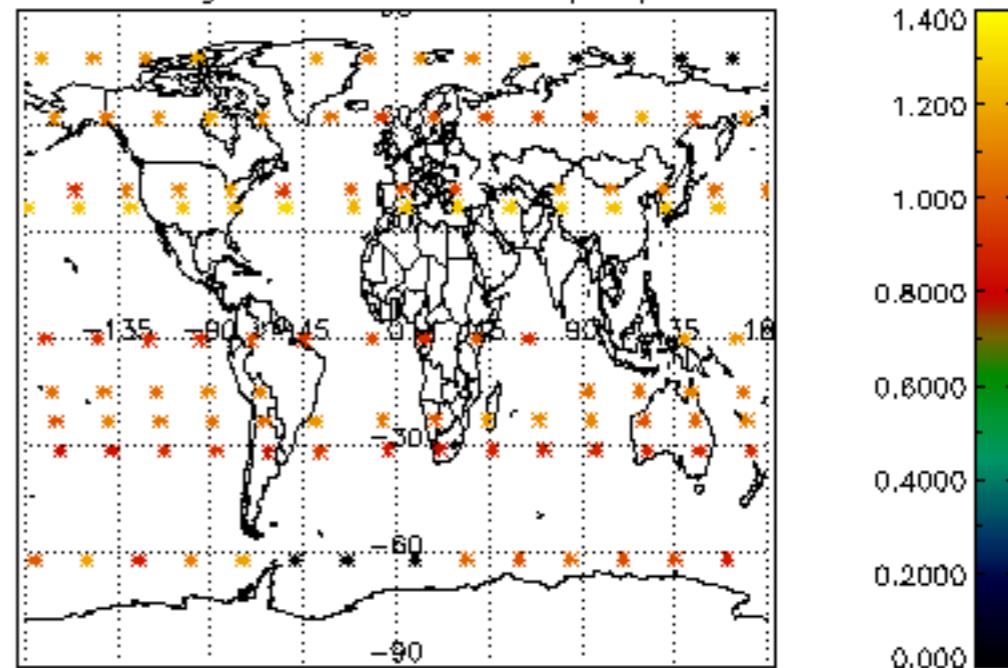




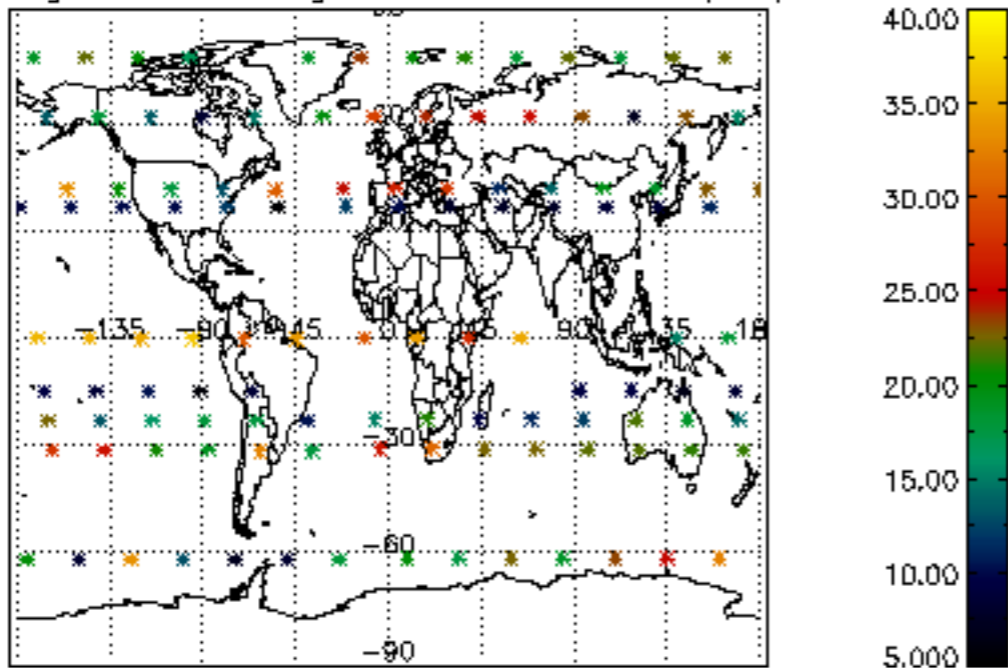
Percentage of cosmic ray hits per profile



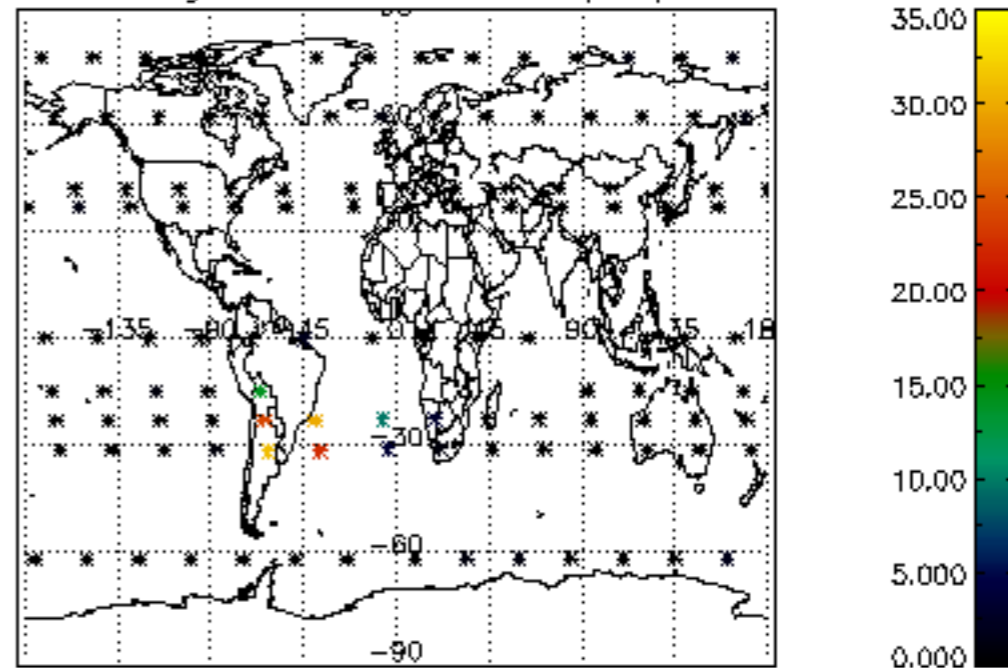
Percentage of datation errors per profile



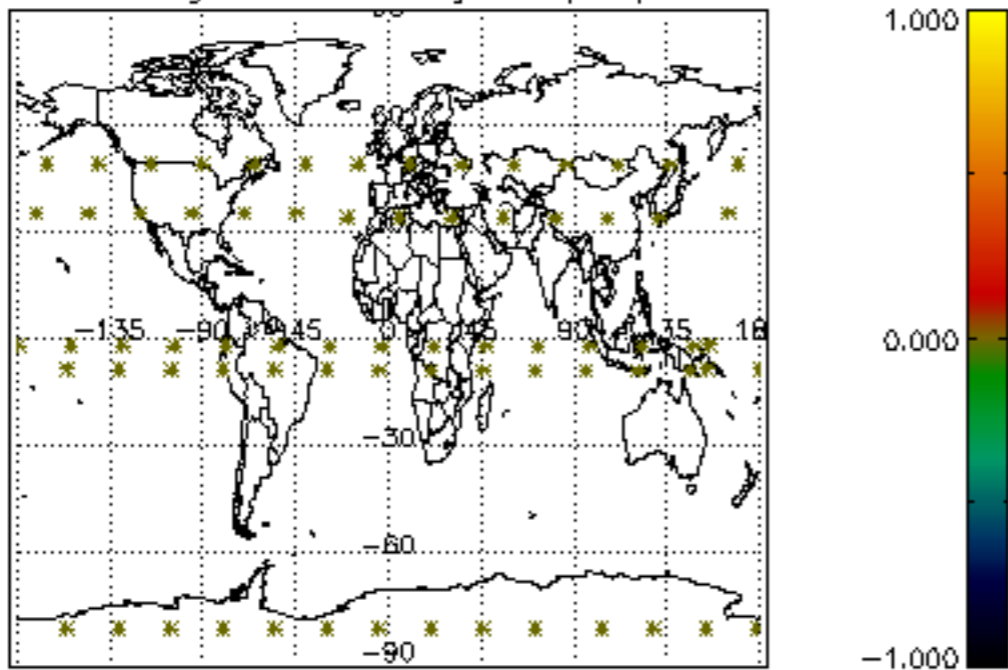
Percentage of star falling outside central band per profile



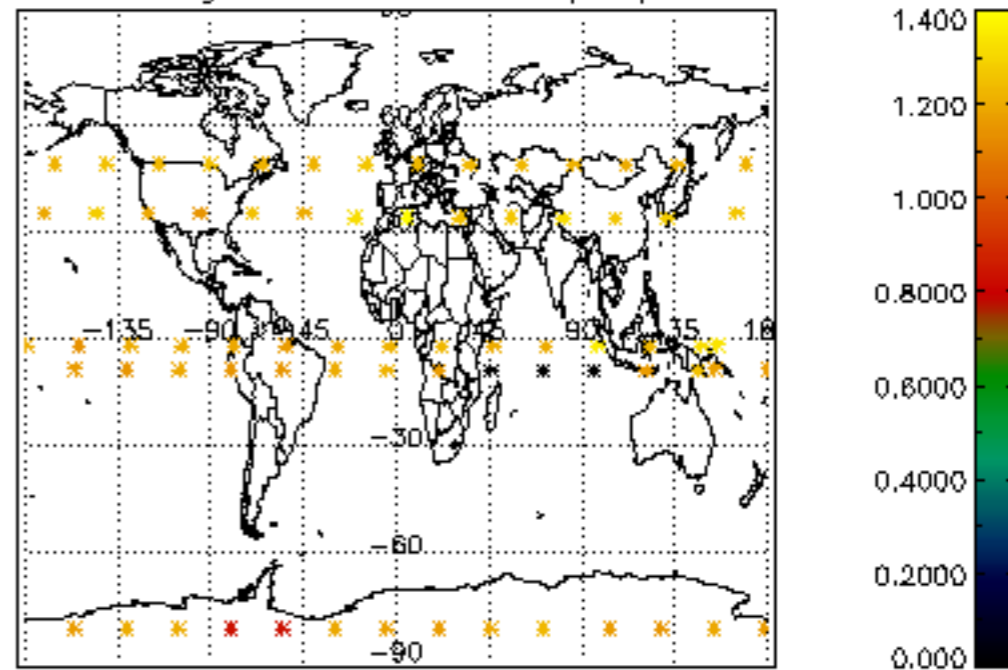
Percentage of saturation errors per profile



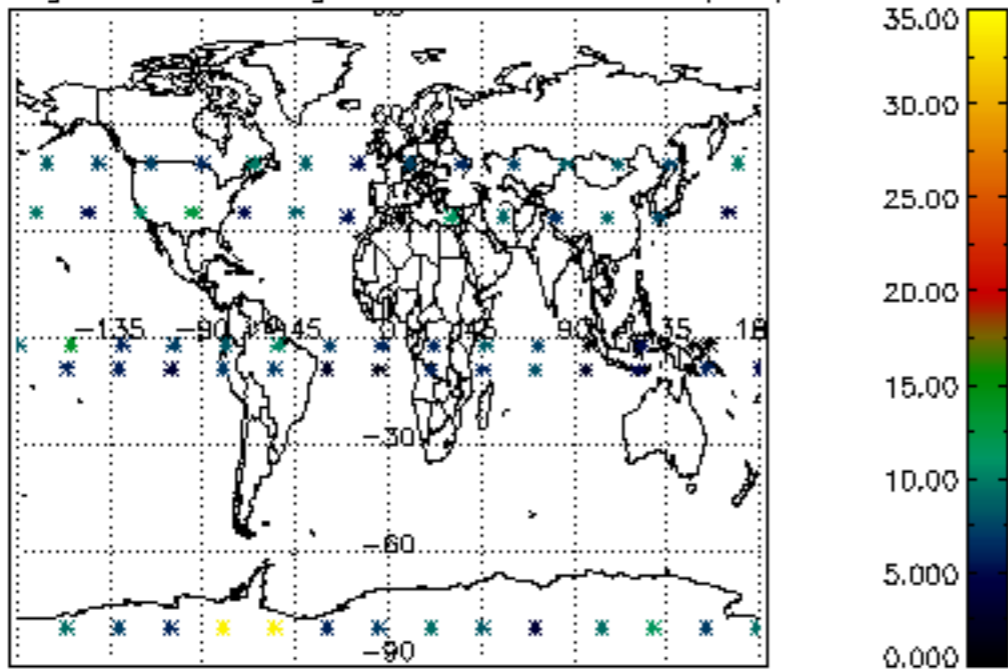
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

