

# 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	29APR2013 11:07:26
Data source version	GOMOS/6.01
Start time of products	24-05-2010 (24MAY2010 00:00:00)
Stop time of products	25-05-2010 (25MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	298
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__2PRFIN20100524_000405_000000382089_00388_43027_1253.N1	24-MAY-2010 00:04:05	Bright	38.000	53	43Bet And	2.0480	3300.0	76	43027	No
2	GOM_NL__2PRFIN20100524_000637_000000502089_00388_43027_1254.N1	24-MAY-2010 00:06:37	Twilight_stray	49.500	58	21Alp And	2.0730	11000.	99	43027	No
3	GOM_NL__2PRFIN20100524_001105_000000452089_00388_43027_1255.N1	24-MAY-2010 00:11:05	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	43027	No
4	GOM_NL__2PRFIN20100524_002724_000000522089_00388_43027_1256.N1	24-MAY-2010 00:27:24	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	43027	No
5	GOM_NL__2PRFIN20100524_003303_000000452089_00389_43028_1245.N1	24-MAY-2010 00:33:03	Dark	45.000	31	Alp Gru	1.7340	15200.	90	43028	No
6	GOM_NL__2PRFIN20100524_003825_000000432089_00389_43028_1246.N1	24-MAY-2010 00:38:25	Dark	42.500	45	Alp Pav	1.9400	26000.	85	43028	No
7	GOM_NL__2PRFIN20100524_004511_000000442089_00389_43028_1247.N1	24-MAY-2010 00:45:11	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	43028	No
8	GOM_NL__2PRFIN20100524_004758_000000532089_00389_43028_1248.N1	24-MAY-2010 00:47:58	Straylight	53.000	40	The Sco	1.8590	7100.0	106	43028	No
9	GOM_NL__2PRFIN20100524_004949_000000502089_00389_43028_1249.N1	24-MAY-2010 00:49:49	Straylight	49.500	25	35Lam Sco	1.6200	28000.	99	43028	No
10	GOM_NL__2PRFIN20100524_005151_000000542089_00389_43028_1250.N1	24-MAY-2010 00:51:51	Twilight_stray	53.500	75	26Eps Sco	2.2910	4250.0	107	43028	No
11	GOM_NL__2PRFIN20100524_005441_000000502089_00389_43028_1251.N1	24-MAY-2010 00:54:41	Bright	50.000	16	21Alp Sco	1.0200	3000.0	100	43028	No
12	GOM_NL__2PRFIN20100524_005705_000000412089_00389_43028_1252.N1	24-MAY-2010 00:57:05	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	43028	No
13	GOM_NL__2PRFIN20100524_010034_000000392089_00389_43028_1253.N1	24-MAY-2010 01:00:34	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43028	No
14	GOM_NL__2PRFIN20100524_010219_000000452089_00389_43028_1254.N1	24-MAY-2010 01:02:19	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43028	No
15	GOM_NL__2PRFIN20100524_010524_000000402089_00389_43028_1255.N1	24-MAY-2010 01:05:24	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43028	No
16	GOM_NL__2PRFIN20100524_011109_000000402089_00389_43028_1256.N1	24-MAY-2010 01:11:09	Bright	39.500	83		2.3780	11000.	79	43028	No
17	GOM_NL__2PRFIN20100524_012223_000000372089_00389_43028_1257.N1	24-MAY-2010 01:22:23	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	43028	No
18	GOM_NL__2PRFIN20100524_012431_000000372089_00389_43028_1258.N1	24-MAY-2010 01:24:31	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	43028	No
19	GOM_NL__2PRFIN20100524_013716_000000502089_00389_43028_1259.N1	24-MAY-2010 01:37:16	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	43028	No
20	GOM_NL__2PRFIN20100524_013828_000000552089_00389_43028_1260.N1	24-MAY-2010 01:38:28	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43028	No
21	GOM_NL__2PRFIN20100524_014441_000000392089_00389_43028_1261.N1	24-MAY-2010 01:44:41	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43028	No
22	GOM_NL__2PRFIN20100524_014713_000000482089_00389_43028_1262.N1	24-MAY-2010 01:47:13	Twilight_stray	48.000	58	21Alp And	2.0730	11000.	96	43028	No
23	GOM_NL__2PRFIN20100524_015141_000000452089_00389_43028_1263.N1	24-MAY-2010 01:51:41	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	43028	No
24	GOM_NL__2PRFIN20100524_020030_000000462089_00389_43028_1264.N1	24-MAY-2010 02:00:30	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	43028	No
25	GOM_NL__2PRFIN20100524_020801_000000572089_00389_43028_1265.N1	24-MAY-2010 02:08:01	Dark	56.500	18	24Alp PsA	1.1660	9700.0	113	43028	No
26	GOM_NL__2PRFIN20100524_021340_000000462089_00390_43029_1253.N1	24-MAY-2010 02:13:40	Dark	45.500	31	Alp Gru	1.7340	15200.	91	43029	No
27	GOM_NL__2PRFIN20100524_021902_000000422089_00390_43029_1254.N1	24-MAY-2010 02:19:02	Dark	42.000	45	Alp Pav	1.9400	26000.	84	43029	No
28	GOM_NL__2PRFIN20100524_022547_000000432089_00390_43029_1255.N1	24-MAY-2010 02:25:47	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	43029	No
29	GOM_NL__2PRFIN20100524_022835_000000502089_00390_43029_1256.N1	24-MAY-2010 02:28:35	Straylight	49.500	40	The Sco	1.8590	7100.0	99	43029	No
30	GOM_NL__2PRFIN20100524_023025_000000492089_00390_43029_1257.N1	24-MAY-2010 02:30:25	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	43029	No
31	GOM_NL__2PRFIN20100524_023227_000000512089_00390_43029_1258.N1	24-MAY-2010 02:32:27	Twilight_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	43029	No
32	GOM_NL__2PRFIN20100524_023518_000000592089_00390_43029_1259.N1	24-MAY-2010 02:35:18	Bright	59.000	16	21Alp Sco	1.0200	3000.0	118	43029	No
33	GOM_NL__2PRFIN20100524_023741_000000422089_00390_43029_1260.N1	24-MAY-2010 02:37:41	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	43029	No
34	GOM_NL__2PRFIN20100524_024110_000000152089_00390_43029_1261.N1	24-MAY-2010 02:41:10	Twilight_stray	15.000	104	27Bet Lib	2.6140	13100.	30	43029	No
35	GOM_NL__2PRFIN20100524_024255_000000452089_00390_43029_1262.N1	24-MAY-2010 02:42:55	Bright	45.000	120	1Del Oph	2.7340	3200.0	90	43029	No
36	GOM_NL__2PRFIN20100524_024559_000000412089_00390_43029_1263.N1	24-MAY-2010 02:45:59	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	43029	No
37	GOM_NL__2PRFIN20100524_025145_000000402089_00390_43029_1264.N1	24-MAY-2010 02:51:45	Bright	39.500	83		2.3780	11000.	79	43029	No
38	GOM_NL__2PRFIN20100524_030259_000000372089_00390_43029_1265.N1	24-MAY-2010 03:02:59	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	43029	No
39	GOM_NL__2PRFIN20100524_030507_000000372089_00390_43029_1266.N1	24-MAY-2010 03:05:07	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	43029	No
40	GOM_NL__2PRFIN20100524_031752_000000372089_00390_43029_1267.N1	24-MAY-2010 03:17:52	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	43029	No
41	GOM_NL__2PRFIN20100524_031904_000000392089_00390_43029_1268.N1	24-MAY-2010 03:19:04	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	43029	No
42	GOM_NL__2PRFIN20100524_032516_000000392089_00390_43029_1269.N1	24-MAY-2010 03:25:16	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43029	No

43	GOM_NL__2PRFIN20100524_032749_000000482089_00390_43029_1270.N1	24-MAY-2010 03:27:49	Twilight	47.500	58	21Alp And	2.0730	11000.	95	43029	No
44	GOM_NL__2PRFIN20100524_033217_000000472089_00390_43029_1271.N1	24-MAY-2010 03:32:17	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43029	No
45	GOM_NL__2PRFIN20100524_034106_000000452089_00390_43029_1272.N1	24-MAY-2010 03:41:06	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	43029	No
46	GOM_NL__2PRFIN20100524_034838_000000552089_00390_43029_1273.N1	24-MAY-2010 03:48:38	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	43029	No
47	GOM_NL__2PRFIN20100524_035417_000000432089_00391_43030_1261.N1	24-MAY-2010 03:54:17	Dark	43.000	31	Alp Gru	1.7340	15200.	86	43030	No
48	GOM_NL__2PRFIN20100524_035939_000000422089_00391_43030_1262.N1	24-MAY-2010 03:59:39	Dark	42.000	45	Alp Pav	1.9400	26000.	84	43030	No
49	GOM_NL__2PRFIN20100524_040624_000000492089_00391_43030_1263.N1	24-MAY-2010 04:06:24	Straylight	49.000	141	Bet Ara	2.8400	4600.0	98	43030	No
50	GOM_NL__2PRFIN20100524_040911_000000492089_00391_43030_1264.N1	24-MAY-2010 04:09:11	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43030	No
51	GOM_NL__2PRFIN20100524_041102_000000492089_00391_43030_1265.N1	24-MAY-2010 04:11:02	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	43030	No
52	GOM_NL__2PRFIN20100524_041303_000000472089_00391_43030_1266.N1	24-MAY-2010 04:13:03	Twilight	46.500	75	26Eps Sco	2.2910	4250.0	93	43030	No
53	GOM_NL__2PRFIN20100524_041554_000000522089_00391_43030_1267.N1	24-MAY-2010 04:15:54	Bright	51.500	16	21Alp Sco	1.0200	3000.0	103	43030	No
54	GOM_NL__2PRFIN20100524_041728_000000442089_00391_43030_1268.N1	24-MAY-2010 04:17:28	Bright	44.000	80	7Del Sco	2.3160	30000.	88	43030	No
55	GOM_NL__2PRFIN20100524_042146_000000392089_00391_43030_1269.N1	24-MAY-2010 04:21:46	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43030	No
56	GOM_NL__2PRFIN20100524_042331_000000442089_00391_43030_1270.N1	24-MAY-2010 04:23:31	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43030	No
57	GOM_NL__2PRFIN20100524_042635_000000402089_00391_43030_1271.N1	24-MAY-2010 04:26:35	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43030	No
58	GOM_NL__2PRFIN20100524_043221_000000382089_00391_43030_1272.N1	24-MAY-2010 04:32:21	Bright	37.500	83		2.3780	11000.	75	43030	No
59	GOM_NL__2PRFIN20100524_044334_000000422089_00391_43030_1273.N1	24-MAY-2010 04:43:34	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	43030	No
60	GOM_NL__2PRFIN20100524_044543_000000352089_00391_43030_1274.N1	24-MAY-2010 04:45:43	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	43030	No
61	GOM_NL__2PRFIN20100524_045828_000000362089_00391_43030_1275.N1	24-MAY-2010 04:58:28	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	43030	No
62	GOM_NL__2PRFIN20100524_045940_000000502089_00391_43030_1276.N1	24-MAY-2010 04:59:40	Bright	50.000	68	18Alp Cas	2.2250	4500.0	100	43030	No
63	GOM_NL__2PRFIN20100524_050553_000000392089_00391_43030_1277.N1	24-MAY-2010 05:05:53	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43030	No
64	GOM_NL__2PRFIN20100524_050825_000000502089_00391_43030_1278.N1	24-MAY-2010 05:08:25	Twilight	49.500	58	21Alp And	2.0730	11000.	99	43030	No
65	GOM_NL__2PRFIN20100524_051253_000000472089_00391_43030_1279.N1	24-MAY-2010 05:12:53	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	43030	No
66	GOM_NL__2PRFIN20100524_052143_000000452089_00391_43030_1280.N1	24-MAY-2010 05:21:43	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	43030	No
67	GOM_NL__2PRFIN20100524_052915_000000522089_00391_43030_1281.N1	24-MAY-2010 05:29:15	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	43030	No
68	GOM_NL__2PRFIN20100524_053454_000000442089_00392_43031_1269.N1	24-MAY-2010 05:34:54	Dark	43.500	31	Alp Gru	1.7340	15200.	87	43031	No
69	GOM_NL__2PRFIN20100524_054015_000000422089_00392_43031_1270.N1	24-MAY-2010 05:40:15	Dark	41.500	45	Alp Pav	1.9400	26000.	83	43031	No
70	GOM_NL__2PRFIN20100524_054700_000000442089_00392_43031_1271.N1	24-MAY-2010 05:47:00	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	43031	No
71	GOM_NL__2PRFIN20100524_054948_000000492089_00392_43031_1272.N1	24-MAY-2010 05:49:48	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43031	No
72	GOM_NL__2PRFIN20100524_055138_000000492089_00392_43031_1273.N1	24-MAY-2010 05:51:38	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	43031	No
73	GOM_NL__2PRFIN20100524_055339_000000462089_00392_43031_1274.N1	24-MAY-2010 05:53:39	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	43031	No
74	GOM_NL__2PRFIN20100524_055630_000000602089_00392_43031_1275.N1	24-MAY-2010 05:56:30	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43031	No
75	GOM_NL__2PRFIN20100524_055804_000000482089_00392_43031_1276.N1	24-MAY-2010 05:58:04	Bright	47.500	80	7Del Sco	2.3160	30000.	95	43031	No
76	GOM_NL__2PRFIN20100524_060222_000000352089_00392_43031_1277.N1	24-MAY-2010 06:02:22	Bright	35.000	104	27Bet Lib	2.6140	13100.	70	43031	No
77	GOM_NL__2PRFIN20100524_060407_000000432089_00392_43031_1278.N1	24-MAY-2010 06:04:07	Bright	43.000	120	1Del Oph	2.7340	3200.0	86	43031	No
78	GOM_NL__2PRFIN20100524_060711_000000422089_00392_43031_1279.N1	24-MAY-2010 06:07:11	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	43031	No
79	GOM_NL__2PRFIN20100524_061257_000000392089_00392_43031_1280.N1	24-MAY-2010 06:12:57	Bright	38.500	83		2.3780	11000.	77	43031	No
80	GOM_NL__2PRFIN20100524_062410_000000412089_00392_43031_1281.N1	24-MAY-2010 06:24:10	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	43031	No
81	GOM_NL__2PRFIN20100524_062619_000000382089_00392_43031_1282.N1	24-MAY-2010 06:26:19	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	43031	No
82	GOM_NL__2PRFIN20100524_063904_000000542089_00392_43031_1283.N1	24-MAY-2010 06:39:04	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43031	No
83	GOM_NL__2PRFIN20100524_064016_000000552089_00392_43031_1284.N1	24-MAY-2010 06:40:16	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43031	No
84	GOM_NL__2PRFIN20100524_064629_000000392089_00392_43031_1285.N1	24-MAY-2010 06:46:29	Bright	39.000	53	43Bet And	2.0480	3300.0	78	43031	No
85	GOM_NL__2PRFIN20100524_064901_000000492089_00392_43031_1286.N1	24-MAY-2010 06:49:01	Twilight	49.000	58	21Alp And	2.0730	11000.	98	43031	No
86	GOM_NL__2PRFIN20100524_065330_000000472089_00392_43031_1287.N1	24-MAY-2010 06:53:30	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43031	No
87	GOM_NL__2PRFIN20100524_070219_000000462089_00392_43031_1288.N1	24-MAY-2010 07:02:19	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	43031	No
88	GOM_NL__2PRFIN20100524_070952_000000542089_00392_43031_1289.N1	24-MAY-2010 07:09:52	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	43031	No
89	GOM_NL__2PRFIN20100524_071531_000000442089_00393_43032_1277.N1	24-MAY-2010 07:15:31	Dark	44.000	31	Alp Gru	1.7340	15200.	88	43032	No
90	GOM_NL__2PRFIN20100524_072052_000000422089_00393_43032_1278.N1	24-MAY-2010 07:20:52	Dark	41.500	45	Alp Pav	1.9400	26000.	83	43032	No
91	GOM_NL__2PRFIN20100524_072737_000000502089_00393_43032_1279.N1	24-MAY-2010 07:27:37	Straylight	49.500	141	Bet Ara	2.8400	4600.0	99	43032	No
92	GOM_NL__2PRFIN20100524_073024_000000492089_00393_43032_1280.N1	24-MAY-2010 07:30:24	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43032	No
93	GOM_NL__2PRFIN20100524_073215_000000492089_00393_43032_1281.N1	24-MAY-2010 07:32:15	Straylight	48.500	25	35Lam Sco	1.6200	28000.	97	43032	No
94	GOM_NL__2PRFIN20100524_073416_000000462089_00393_43032_1282.N1	24-MAY-2010 07:34:16	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	43032	No
95	GOM_NL__2PRFIN20100524_073706_000000602089_00393_43032_1283.N1	24-MAY-2010 07:37:06	Bright	59.500	16	21Alp Sco	1.0200	3000.0	119	43032	No
96	GOM_NL__2PRFIN20100524_073929_000000422089_00393_43032_1284.N1	24-MAY-2010 07:39:29	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	43032	No
97	GOM_NL__2PRFIN20100524_074258_000000382089_00393_43032_1285.N1	24-MAY-2010 07:42:58	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	43032	No
98	GOM_NL__2PRFIN20100524_074443_000000422089_00393_43032_1286.N1	24-MAY-2010 07:44:43	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	43032	No
99	GOM_NL__2PRFIN20100524_074747_000000412089_00393_43032_1287.N1	24-MAY-2010 07:47:47	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	43032	No
100	GOM_NL__2PRFIN20100524_075333_000000372089_00393_43032_1288.N1	24-MAY-2010 07:53:33	Bright	37.000	83		2.3780	11000.	74	43032	No
101	GOM_NL__2PRFIN20100524_080446_000000402089_00393_43032_1289.N1	24-MAY-2010 08:04:46	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	43032	No

102	GOM_NL__2PRFIN20100524_080655_000000402089_00393_43032_1290.N1	24-MAY-2010 08:06:55	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	43032	No
103	GOM_NL__2PRFIN20100524_081940_000000382089_00393_43032_1291.N1	24-MAY-2010 08:19:40	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	43032	No
104	GOM_NL__2PRFIN20100524_082051_000000382089_00393_43032_1292.N1	24-MAY-2010 08:20:51	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	43032	No
105	GOM_NL__2PRFIN20100524_082705_000000392089_00393_43032_1293.N1	24-MAY-2010 08:27:05	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43032	No
106	GOM_NL__2PRFIN20100524_082938_000000492089_00393_43032_1294.N1	24-MAY-2010 08:29:38	Tw_i_and_stray	49.000	58	21Alp And	2.0730	11000.	98	43032	No
107	GOM_NL__2PRFIN20100524_083406_000000452089_00393_43032_1295.N1	24-MAY-2010 08:34:06	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	43032	No
108	GOM_NL__2PRFIN20100524_084255_000000482089_00393_43032_1296.N1	24-MAY-2010 08:42:55	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	43032	No
109	GOM_NL__2PRFIN20100524_085029_000000542089_00393_43032_1297.N1	24-MAY-2010 08:50:29	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	43032	No
110	GOM_NL__2PRFIN20100524_085426_000000562089_00393_43032_1298.N1	24-MAY-2010 08:54:26	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	43032	No
111	GOM_NL__2PRFIN20100524_085608_000000552089_00394_43033_1285.N1	24-MAY-2010 08:56:08	Dark	54.500	31	Alp Gru	1.7340	15200.	109	43033	No
112	GOM_NL__2PRFIN20100524_090129_000000412089_00394_43033_1286.N1	24-MAY-2010 09:01:29	Dark	41.000	45	Alp Pav	1.9400	26000.	82	43033	No
113	GOM_NL__2PRFIN20100524_090813_000000432089_00394_43033_1287.N1	24-MAY-2010 09:08:13	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	43033	No
114	GOM_NL__2PRFIN20100524_091101_000000482089_00394_43033_1288.N1	24-MAY-2010 09:11:01	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43033	No
115	GOM_NL__2PRFIN20100524_091251_000000522089_00394_43033_1289.N1	24-MAY-2010 09:12:51	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	43033	No
116	GOM_NL__2PRFIN20100524_091452_000000512089_00394_43033_1290.N1	24-MAY-2010 09:14:52	Tw_i_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	43033	No
117	GOM_NL__2PRFIN20100524_091743_000000542089_00394_43033_1291.N1	24-MAY-2010 09:17:43	Bright	54.000	16	21Alp Sco	1.0200	3000.0	108	43033	No
118	GOM_NL__2PRFIN20100524_092005_000000432089_00394_43033_1292.N1	24-MAY-2010 09:20:05	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	43033	No
119	GOM_NL__2PRFIN20100524_092334_000000382089_00394_43033_1293.N1	24-MAY-2010 09:23:34	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	43033	No
120	GOM_NL__2PRFIN20100524_092519_000000442089_00394_43033_1294.N1	24-MAY-2010 09:25:19	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	43033	No
121	GOM_NL__2PRFIN20100524_092823_000000402089_00394_43033_1295.N1	24-MAY-2010 09:28:23	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43033	No
122	GOM_NL__2PRFIN20100524_093409_000000372089_00394_43033_1296.N1	24-MAY-2010 09:34:09	Bright	36.500	83		2.3780	11000.	73	43033	No
123	GOM_NL__2PRFIN20100524_094521_000000392089_00394_43033_1297.N1	24-MAY-2010 09:45:21	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	43033	No
124	GOM_NL__2PRFIN20100524_094731_000000352089_00394_43033_1298.N1	24-MAY-2010 09:47:31	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	43033	No
125	GOM_NL__2PRFIN20100524_100016_000000362089_00394_43033_1299.N1	24-MAY-2010 10:00:16	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	43033	No
126	GOM_NL__2PRFIN20100524_100128_000000382089_00394_43033_1300.N1	24-MAY-2010 10:01:28	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	43033	No
127	GOM_NL__2PRFIN20100524_100741_000000392089_00394_43033_1301.N1	24-MAY-2010 10:07:41	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43033	No
128	GOM_NL__2PRFIN20100524_101014_000000482089_00394_43033_1302.N1	24-MAY-2010 10:10:14	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	43033	No
129	GOM_NL__2PRFIN20100524_101443_000000472089_00394_43033_1303.N1	24-MAY-2010 10:14:43	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43033	No
130	GOM_NL__2PRFIN20100524_102332_000000442089_00394_43033_1304.N1	24-MAY-2010 10:23:32	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	43033	No
131	GOM_NL__2PRFIN20100524_103107_000000582089_00394_43033_1305.N1	24-MAY-2010 10:31:07	Dark	57.500	18	24Alp PsA	1.1660	9700.0	115	43033	No
132	GOM_NL__2PRFIN20100524_103502_000000472089_00394_43033_1306.N1	24-MAY-2010 10:35:02	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	43033	No
133	GOM_NL__2PRFIN20100524_103644_000000452089_00395_43034_1293.N1	24-MAY-2010 10:36:44	Dark	44.500	31	Alp Gru	1.7340	15200.	89	43034	No
134	GOM_NL__2PRFIN20100524_104206_000000412089_00395_43034_1294.N1	24-MAY-2010 10:42:06	Dark	41.000	45	Alp Pav	1.9400	26000.	82	43034	No
135	GOM_NL__2PRFIN20100524_104849_000000432089_00395_43034_1295.N1	24-MAY-2010 10:48:49	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	43034	No
136	GOM_NL__2PRFIN20100524_105137_000000502089_00395_43034_1296.N1	24-MAY-2010 10:51:37	Straylight	49.500	40	The Sco	1.8590	7100.0	99	43034	No
137	GOM_NL__2PRFIN20100524_105327_000000492089_00395_43034_1297.N1	24-MAY-2010 10:53:27	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	43034	No
138	GOM_NL__2PRFIN20100524_105528_000000492089_00395_43034_1298.N1	24-MAY-2010 10:55:28	Tw_i_and_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	43034	No
139	GOM_NL__2PRFIN20100524_105819_000000562089_00395_43034_1299.N1	24-MAY-2010 10:58:19	Bright	55.500	16	21Alp Sco	1.0200	3000.0	111	43034	No
140	GOM_NL__2PRFIN20100524_110041_000000422089_00395_43034_1300.N1	24-MAY-2010 11:00:41	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	43034	No
141	GOM_NL__2PRFIN20100524_110410_000000382089_00395_43034_1301.N1	24-MAY-2010 11:04:10	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	43034	No
142	GOM_NL__2PRFIN20100524_110554_000000452089_00395_43034_1302.N1	24-MAY-2010 11:05:54	Bright	45.000	120	1Del Oph	2.7340	3200.0	90	43034	No
143	GOM_NL__2PRFIN20100524_110858_000000392089_00395_43034_1303.N1	24-MAY-2010 11:08:58	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	43034	No
144	GOM_NL__2PRFIN20100524_111445_000000392089_00395_43034_1304.N1	24-MAY-2010 11:14:45	Bright	39.000	83		2.3780	11000.	78	43034	No
145	GOM_NL__2PRFIN20100524_112557_000000402089_00395_43034_1305.N1	24-MAY-2010 11:25:57	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43034	No
146	GOM_NL__2PRFIN20100524_112806_000000372089_00395_43034_1306.N1	24-MAY-2010 11:28:06	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	43034	No
147	GOM_NL__2PRFIN20100524_114051_000000542089_00395_43034_1307.N1	24-MAY-2010 11:40:51	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43034	No
148	GOM_NL__2PRFIN20100524_114203_000000552089_00395_43034_1308.N1	24-MAY-2010 11:42:03	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43034	No
149	GOM_NL__2PRFIN20100524_114817_000000382089_00395_43034_1309.N1	24-MAY-2010 11:48:17	Bright	38.000	53	43Bet And	2.0480	3300.0	76	43034	No
150	GOM_NL__2PRFIN20100524_115050_000000502089_00395_43034_1310.N1	24-MAY-2010 11:50:50	Tw_i_and_stray	49.500	58	21Alp And	2.0730	11000.	99	43034	No
151	GOM_NL__2PRFIN20100524_115518_000000462089_00395_43034_1311.N1	24-MAY-2010 11:55:18	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	43034	No
152	GOM_NL__2PRFIN20100524_120408_000000452089_00395_43034_1312.N1	24-MAY-2010 12:04:08	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	43034	No
153	GOM_NL__2PRFIN20100524_121539_000000522089_00395_43034_1313.N1	24-MAY-2010 12:15:39	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	43034	No
154	GOM_NL__2PRFIN20100524_121721_000000442089_00396_43035_1301.N1	24-MAY-2010 12:17:21	Dark	44.000	31	Alp Gru	1.7340	15200.	88	43035	No
155	GOM_NL__2PRFIN20100524_122242_000000422089_00396_43035_1302.N1	24-MAY-2010 12:22:42	Dark	41.500	45	Alp Pav	1.9400	26000.	83	43035	No
156	GOM_NL__2PRFIN20100524_122926_000000482089_00396_43035_1303.N1	24-MAY-2010 12:29:26	Straylight	48.000	141	Bet Ara	2.8400	4600.0	96	43035	No
157	GOM_NL__2PRFIN20100524_123213_000000492089_00396_43035_1304.N1	24-MAY-2010 12:32:13	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43035	No
158	GOM_NL__2PRFIN20100524_123404_000000492089_00396_43035_1305.N1	24-MAY-2010 12:34:04	Straylight	48.500	25	35Lam Sco	1.6200	28000.	97	43035	No
159	GOM_NL__2PRFIN20100524_123604_000000492089_00396_43035_1306.N1	24-MAY-2010 12:36:04	Tw_i_and_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	43035	No
160	GOM_NL__2PRFIN20100524_123855_000000602089_00396_43035_1307.N1	24-MAY-2010 12:38:55	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43035	No

161	GOM_NL__2PRFIN20100524_124118_000000412089_00396_43035_1308.N1	24-MAY-2010 12:41:18	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	43035	No
162	GOM_NL__2PRFIN20100524_124446_000000382089_00396_43035_1309.N1	24-MAY-2010 12:44:46	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	43035	No
163	GOM_NL__2PRFIN20100524_124630_000000442089_00396_43035_1310.N1	24-MAY-2010 12:46:30	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	43035	No
164	GOM_NL__2PRFIN20100524_124934_000000402089_00396_43035_1311.N1	24-MAY-2010 12:49:34	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43035	No
165	GOM_NL__2PRFIN20100524_125520_000000362089_00396_43035_1312.N1	24-MAY-2010 12:55:20	Bright	35.500	83		2.3780	11000.	71	43035	No
166	GOM_NL__2PRFIN20100524_130842_000000382089_00396_43035_1313.N1	24-MAY-2010 13:08:42	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	43035	No
167	GOM_NL__2PRFIN20100524_132127_000000542089_00396_43035_1314.N1	24-MAY-2010 13:21:27	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43035	No
168	GOM_NL__2PRFIN20100524_132239_000000552089_00396_43035_1315.N1	24-MAY-2010 13:22:39	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43035	No
169	GOM_NL__2PRFIN20100524_132853_000000392089_00396_43035_1316.N1	24-MAY-2010 13:28:53	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43035	No
170	GOM_NL__2PRFIN20100524_133126_000000492089_00396_43035_1317.N1	24-MAY-2010 13:31:26	Twi_and_stray	49.000	58	21Alp And	2.0730	11000.	98	43035	No
171	GOM_NL__2PRFIN20100524_133555_000000462089_00396_43035_1318.N1	24-MAY-2010 13:35:55	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	43035	No
172	GOM_NL__2PRFIN20100524_134445_000000462089_00396_43035_1319.N1	24-MAY-2010 13:44:45	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	43035	No
173	GOM_NL__2PRFIN20100524_135616_000000492089_00396_43035_1320.N1	24-MAY-2010 13:56:16	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	43035	No
174	GOM_NL__2PRFIN20100524_135758_000000462089_00397_43036_1329.N1	24-MAY-2010 13:57:58	Dark	45.500	31	Alp Gru	1.7340	15200.	91	43036	No
175	GOM_NL__2PRFIN20100524_140318_000000472089_00397_43036_1330.N1	24-MAY-2010 14:03:18	Dark	46.500	45	Alp Pav	1.9400	26000.	93	43036	No
176	GOM_NL__2PRFIN20100524_141002_000000442089_00397_43036_1331.N1	24-MAY-2010 14:10:02	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	43036	No
177	GOM_NL__2PRFIN20100524_141250_000000502089_00397_43036_1332.N1	24-MAY-2010 14:12:50	Straylight	50.000	40	The Sco	1.8590	7100.0	100	43036	No
178	GOM_NL__2PRFIN20100524_141440_000000512089_00397_43036_1333.N1	24-MAY-2010 14:14:40	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	43036	No
179	GOM_NL__2PRFIN20100524_141641_000000502089_00397_43036_1334.N1	24-MAY-2010 14:16:41	Twi_and_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	43036	No
180	GOM_NL__2PRFIN20100524_141931_000000602089_00397_43036_1335.N1	24-MAY-2010 14:19:31	Bright	59.500	16	21Alp Sco	1.0200	3000.0	119	43036	No
181	GOM_NL__2PRFIN20100524_142153_000000422089_00397_43036_1336.N1	24-MAY-2010 14:21:53	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	43036	No
182	GOM_NL__2PRFIN20100524_142522_000000382089_00397_43036_1337.N1	24-MAY-2010 14:25:22	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	43036	No
183	GOM_NL__2PRFIN20100524_142706_000000442089_00397_43036_1338.N1	24-MAY-2010 14:27:06	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	43036	No
184	GOM_NL__2PRFIN20100524_143010_000000402089_00397_43036_1339.N1	24-MAY-2010 14:30:10	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43036	No
185	GOM_NL__2PRFIN20100524_143556_000000392089_00397_43036_1340.N1	24-MAY-2010 14:35:56	Bright	38.500	83		2.3780	11000.	77	43036	No
186	GOM_NL__2PRFIN20100524_144708_000000412089_00397_43036_1341.N1	24-MAY-2010 14:47:08	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	43036	No
187	GOM_NL__2PRFIN20100524_144918_000000372089_00397_43036_1342.N1	24-MAY-2010 14:49:18	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	43036	No
188	GOM_NL__2PRFIN20100524_150203_000000362089_00397_43036_1343.N1	24-MAY-2010 15:02:03	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	43036	No
189	GOM_NL__2PRFIN20100524_150315_000000442089_00397_43036_1344.N1	24-MAY-2010 15:03:15	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	43036	No
190	GOM_NL__2PRFIN20100524_150929_000000392089_00397_43036_1345.N1	24-MAY-2010 15:09:29	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43036	No
191	GOM_NL__2PRFIN20100524_151202_000000472089_00397_43036_1346.N1	24-MAY-2010 15:12:02	Twi_and_stray	46.500	58	21Alp And	2.0730	11000.	93	43036	No
192	GOM_NL__2PRFIN20100524_151632_000000462089_00397_43036_1347.N1	24-MAY-2010 15:16:32	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	43036	No
193	GOM_NL__2PRFIN20100524_152521_000000502089_00397_43036_1348.N1	24-MAY-2010 15:25:21	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	43036	No
194	GOM_NL__2PRFIN20100524_153652_000000602089_00397_43036_1349.N1	24-MAY-2010 15:36:52	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	43036	No
195	GOM_NL__2PRFIN20100524_153835_000000452089_00398_43037_1340.N1	24-MAY-2010 15:38:35	Dark	44.500	31	Alp Gru	1.7340	15200.	89	43037	No
196	GOM_NL__2PRFIN20100524_154355_000000442089_00398_43037_1341.N1	24-MAY-2010 15:43:55	Dark	43.500	45	Alp Pav	1.9400	26000.	87	43037	No
197	GOM_NL__2PRFIN20100524_155038_000000432089_00398_43037_1342.N1	24-MAY-2010 15:50:38	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	43037	No
198	GOM_NL__2PRFIN20100524_155326_000000492089_00398_43037_1343.N1	24-MAY-2010 15:53:26	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43037	No
199	GOM_NL__2PRFIN20100524_155517_000000482089_00398_43037_1344.N1	24-MAY-2010 15:55:17	Straylight	48.000	25	35Lam Sco	1.6200	28000.	96	43037	No
200	GOM_NL__2PRFIN20100524_155717_000000482089_00398_43037_1345.N1	24-MAY-2010 15:57:17	Twi_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	43037	No
201	GOM_NL__2PRFIN20100524_160007_000000602089_00398_43037_1346.N1	24-MAY-2010 16:00:07	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43037	No
202	GOM_NL__2PRFIN20100524_160230_000000412089_00398_43037_1347.N1	24-MAY-2010 16:02:30	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	43037	No
203	GOM_NL__2PRFIN20100524_160558_000000392089_00398_43037_1348.N1	24-MAY-2010 16:05:58	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43037	No
204	GOM_NL__2PRFIN20100524_160742_000000452089_00398_43037_1349.N1	24-MAY-2010 16:07:42	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43037	No
205	GOM_NL__2PRFIN20100524_161046_000000402089_00398_43037_1350.N1	24-MAY-2010 16:10:46	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43037	No
206	GOM_NL__2PRFIN20100524_162743_000000422089_00398_43037_1351.N1	24-MAY-2010 16:27:43	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	43037	No
207	GOM_NL__2PRFIN20100524_162954_000000382089_00398_43037_1352.N1	24-MAY-2010 16:29:54	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	43037	No
208	GOM_NL__2PRFIN20100524_164239_000000542089_00398_43037_1353.N1	24-MAY-2010 16:42:39	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43037	No
209	GOM_NL__2PRFIN20100524_164351_000000552089_00398_43037_1354.N1	24-MAY-2010 16:43:51	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43037	No
210	GOM_NL__2PRFIN20100524_165005_000000392089_00398_43037_1355.N1	24-MAY-2010 16:50:05	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43037	No
211	GOM_NL__2PRFIN20100524_165238_000000502089_00398_43037_1356.N1	24-MAY-2010 16:52:38	Twi_and_stray	49.500	58	21Alp And	2.0730	11000.	99	43037	No
212	GOM_NL__2PRFIN20100524_165708_000000472089_00398_43037_1357.N1	24-MAY-2010 16:57:08	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43037	No
213	GOM_NL__2PRFIN20100524_170558_000000482089_00398_43037_1358.N1	24-MAY-2010 17:05:58	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	43037	No
214	GOM_NL__2PRFIN20100524_171729_000000602089_00398_43037_1359.N1	24-MAY-2010 17:17:29	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	43037	No
215	GOM_NL__2PRFIN20100524_171912_000000442089_00399_43038_1348.N1	24-MAY-2010 17:19:12	Dark	43.500	31	Alp Gru	1.7340	15200.	87	43038	No
216	GOM_NL__2PRFIN20100524_172432_000000422089_00399_43038_1349.N1	24-MAY-2010 17:24:32	Dark	42.000	45	Alp Pav	1.9400	26000.	84	43038	No
217	GOM_NL__2PRFIN20100524_173115_000000422089_00399_43038_1350.N1	24-MAY-2010 17:31:15	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	43038	No
218	GOM_NL__2PRFIN20100524_173403_000000502089_00399_43038_1351.N1	24-MAY-2010 17:34:03	Straylight	49.500	40	The Sco	1.8590	7100.0	99	43038	No
219	GOM_NL__2PRFIN20100524_173553_000000502089_00399_43038_1352.N1	24-MAY-2010 17:35:53	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	43038	No

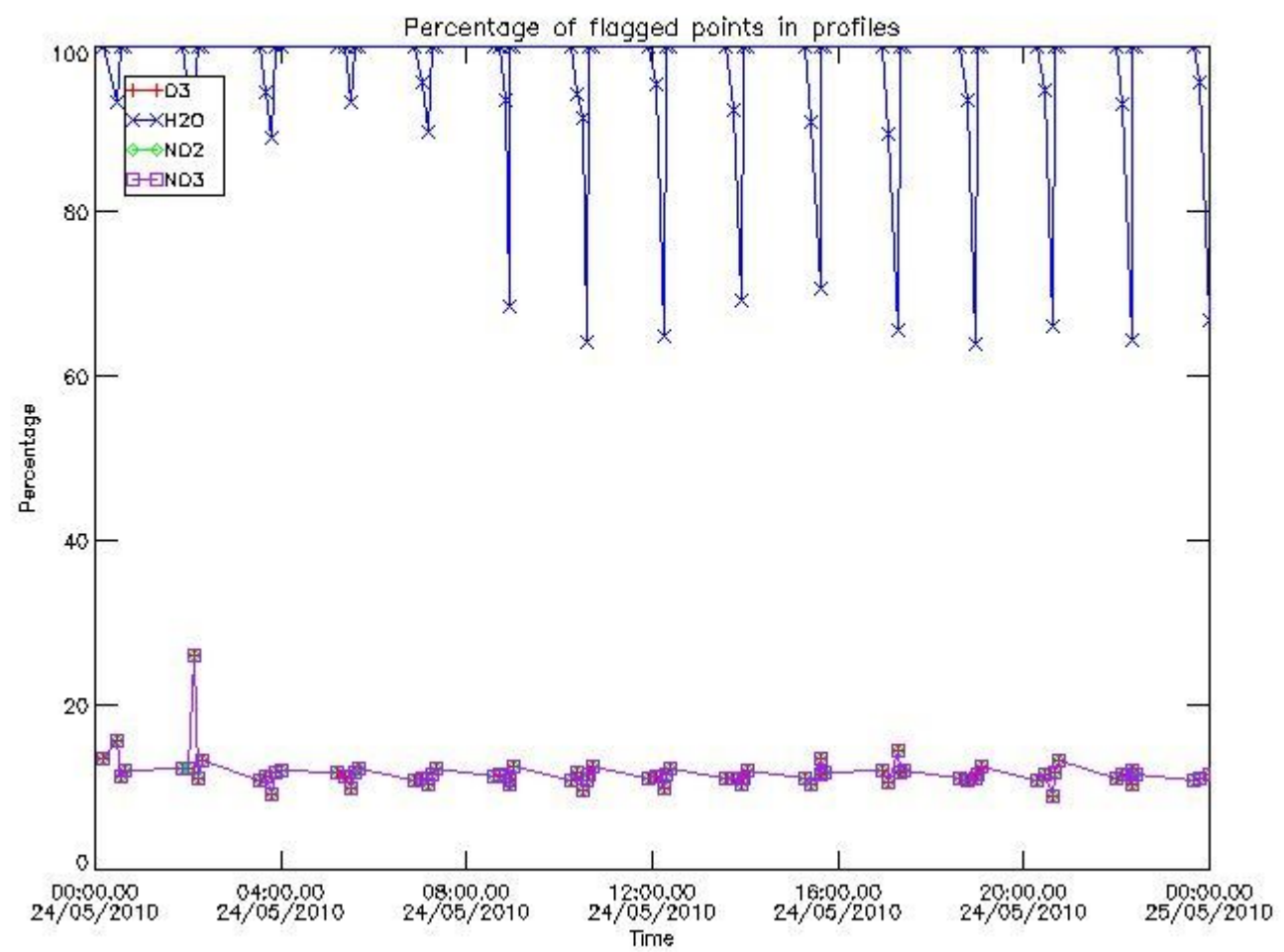
220	GOM_NL__2PRFIN20100524_173753_000000492089_00399_43038_1353.N1	24-MAY-2010 17:37:53	Twilight	48.500	75	26Eps Sco	2.2910	4250.0	97	43038	No
221	GOM_NL__2PRFIN20100524_174043_000000602089_00399_43038_1354.N1	24-MAY-2010 17:40:43	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43038	No
222	GOM_NL__2PRFIN20100524_174306_000000412089_00399_43038_1355.N1	24-MAY-2010 17:43:06	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	43038	No
223	GOM_NL__2PRFIN20100524_174634_000000392089_00399_43038_1356.N1	24-MAY-2010 17:46:34	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43038	No
224	GOM_NL__2PRFIN20100524_174818_000000442089_00399_43038_1357.N1	24-MAY-2010 17:48:18	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	43038	No
225	GOM_NL__2PRFIN20100524_175122_000000402089_00399_43038_1358.N1	24-MAY-2010 17:51:22	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43038	No
226	GOM_NL__2PRFIN20100524_175708_000000402089_00399_43038_1359.N1	24-MAY-2010 17:57:08	Bright	40.000	83		2.3780	11000.	80	43038	No
227	GOM_NL__2PRFIN20100524_180819_000000402089_00399_43038_1360.N1	24-MAY-2010 18:08:19	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43038	No
228	GOM_NL__2PRFIN20100524_181030_000000352089_00399_43038_1361.N1	24-MAY-2010 18:10:30	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	43038	No
229	GOM_NL__2PRFIN20100524_182315_000000542089_00399_43038_1362.N1	24-MAY-2010 18:23:15	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43038	No
230	GOM_NL__2PRFIN20100524_182427_000000532089_00399_43038_1363.N1	24-MAY-2010 18:24:27	Bright	53.000	68	18Alp Cas	2.2250	4500.0	106	43038	No
231	GOM_NL__2PRFIN20100524_183041_000000392089_00399_43038_1364.N1	24-MAY-2010 18:30:41	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43038	No
232	GOM_NL__2PRFIN20100524_183314_000000482089_00399_43038_1365.N1	24-MAY-2010 18:33:14	Twilight	47.500	58	21Alp And	2.0730	11000.	95	43038	No
233	GOM_NL__2PRFIN20100524_183744_000000462089_00399_43038_1366.N1	24-MAY-2010 18:37:44	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	43038	No
234	GOM_NL__2PRFIN20100524_184634_000000472089_00399_43038_1367.N1	24-MAY-2010 18:46:34	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	43038	No
235	GOM_NL__2PRFIN20100524_185806_000000462089_00399_43038_1368.N1	24-MAY-2010 18:58:06	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	43038	No
236	GOM_NL__2PRFIN20100524_185948_000000492089_00400_43039_1356.N1	24-MAY-2010 18:59:48	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43039	No
237	GOM_NL__2PRFIN20100524_190509_000000412089_00400_43039_1357.N1	24-MAY-2010 19:05:09	Dark	41.000	45	Alp Pav	1.9400	26000.	82	43039	No
238	GOM_NL__2PRFIN20100524_191151_000000472089_00400_43039_1358.N1	24-MAY-2010 19:11:51	Straylight	47.000	141	Bet Ara	2.8400	4600.0	94	43039	No
239	GOM_NL__2PRFIN20100524_191439_000000492089_00400_43039_1359.N1	24-MAY-2010 19:14:39	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43039	No
240	GOM_NL__2PRFIN20100524_191630_000000542089_00400_43039_1360.N1	24-MAY-2010 19:16:30	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	43039	No
241	GOM_NL__2PRFIN20100524_191830_000000492089_00400_43039_1361.N1	24-MAY-2010 19:18:30	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	43039	No
242	GOM_NL__2PRFIN20100524_192120_000000542089_00400_43039_1362.N1	24-MAY-2010 19:21:20	Bright	54.000	16	21Alp Sco	1.0200	3000.0	108	43039	No
243	GOM_NL__2PRFIN20100524_192342_000000422089_00400_43039_1363.N1	24-MAY-2010 19:23:42	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	43039	No
244	GOM_NL__2PRFIN20100524_192710_000000382089_00400_43039_1364.N1	24-MAY-2010 19:27:10	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	43039	No
245	GOM_NL__2PRFIN20100524_192854_000000442089_00400_43039_1365.N1	24-MAY-2010 19:28:54	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	43039	No
246	GOM_NL__2PRFIN20100524_193157_000000402089_00400_43039_1366.N1	24-MAY-2010 19:31:57	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43039	No
247	GOM_NL__2PRFIN20100524_193744_000000362089_00400_43039_1367.N1	24-MAY-2010 19:37:44	Bright	35.500	83		2.3780	11000.	71	43039	No
248	GOM_NL__2PRFIN20100524_194855_000000412089_00400_43039_1368.N1	24-MAY-2010 19:48:55	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	43039	No
249	GOM_NL__2PRFIN20100524_195106_000000382089_00400_43039_1369.N1	24-MAY-2010 19:51:06	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	43039	No
250	GOM_NL__2PRFIN20100524_200351_000000422089_00400_43039_1370.N1	24-MAY-2010 20:03:51	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	43039	No
251	GOM_NL__2PRFIN20100524_200503_000000362089_00400_43039_1371.N1	24-MAY-2010 20:05:03	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	43039	No
252	GOM_NL__2PRFIN20100524_201117_000000392089_00400_43039_1372.N1	24-MAY-2010 20:11:17	Bright	39.000	53	43Bet And	2.0480	3300.0	78	43039	No
253	GOM_NL__2PRFIN20100524_201350_000000482089_00400_43039_1373.N1	24-MAY-2010 20:13:50	Twilight	48.000	58	21Alp And	2.0730	11000.	96	43039	No
254	GOM_NL__2PRFIN20100524_201820_000000472089_00400_43039_1374.N1	24-MAY-2010 20:18:20	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	43039	No
255	GOM_NL__2PRFIN20100524_202710_000000492089_00400_43039_1375.N1	24-MAY-2010 20:27:10	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	43039	No
256	GOM_NL__2PRFIN20100524_203842_000000572089_00400_43039_1376.N1	24-MAY-2010 20:38:42	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	43039	No
257	GOM_NL__2PRFIN20100524_204025_000000442089_00401_43040_1364.N1	24-MAY-2010 20:40:25	Dark	43.500	31	Alp Gru	1.7340	15200.	87	43040	No
258	GOM_NL__2PRFIN20100524_204545_000000432089_00401_43040_1365.N1	24-MAY-2010 20:45:45	Dark	42.500	45	Alp Pav	1.9400	26000.	85	43040	No
259	GOM_NL__2PRFIN20100524_205228_000000462089_00401_43040_1366.N1	24-MAY-2010 20:52:28	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	43040	No
260	GOM_NL__2PRFIN20100524_205516_000000492089_00401_43040_1367.N1	24-MAY-2010 20:55:16	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43040	No
261	GOM_NL__2PRFIN20100524_205706_000000502089_00401_43040_1368.N1	24-MAY-2010 20:57:06	Straylight	49.500	25	35Lam Sco	1.6200	28000.	99	43040	No
262	GOM_NL__2PRFIN20100524_205906_000000502089_00401_43040_1369.N1	24-MAY-2010 20:59:06	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	43040	No
263	GOM_NL__2PRFIN20100524_210156_000000602089_00401_43040_1370.N1	24-MAY-2010 21:01:56	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43040	No
264	GOM_NL__2PRFIN20100524_210418_000000472089_00401_43040_1371.N1	24-MAY-2010 21:04:18	Bright	47.000	97	8Bet1Sco	2.5610	30000.	94	43040	No
265	GOM_NL__2PRFIN20100524_210746_000000392089_00401_43040_1372.N1	24-MAY-2010 21:07:46	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	43040	No
266	GOM_NL__2PRFIN20100524_210930_000000442089_00401_43040_1373.N1	24-MAY-2010 21:09:30	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43040	No
267	GOM_NL__2PRFIN20100524_211233_000000402089_00401_43040_1374.N1	24-MAY-2010 21:12:33	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43040	No
268	GOM_NL__2PRFIN20100524_211820_000000402089_00401_43040_1375.N1	24-MAY-2010 21:18:20	Bright	40.000	83		2.3780	11000.	80	43040	No
269	GOM_NL__2PRFIN20100524_212930_000000582089_00401_43040_1376.N1	24-MAY-2010 21:29:30	Bright	58.000	119	14Eta Dra	2.7270	4700.0	116	43040	No
270	GOM_NL__2PRFIN20100524_213142_000000402089_00401_43040_1377.N1	24-MAY-2010 21:31:42	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	43040	No
271	GOM_NL__2PRFIN20100524_214427_000000362089_00401_43040_1378.N1	24-MAY-2010 21:44:27	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	43040	No
272	GOM_NL__2PRFIN20100524_214538_000000392089_00401_43040_1379.N1	24-MAY-2010 21:45:38	Bright	38.500	68	18Alp Cas	2.2250	4500.0	77	43040	No
273	GOM_NL__2PRFIN20100524_215153_000000392089_00401_43040_1380.N1	24-MAY-2010 21:51:53	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43040	No
274	GOM_NL__2PRFIN20100524_215426_000000512089_00401_43040_1381.N1	24-MAY-2010 21:54:26	Twilight	51.000	58	21Alp And	2.0730	11000.	102	43040	No
275	GOM_NL__2PRFIN20100524_215857_000000452089_00401_43040_1382.N1	24-MAY-2010 21:58:57	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	43040	No
276	GOM_NL__2PRFIN20100524_220747_000000442089_00401_43040_1383.N1	24-MAY-2010 22:07:47	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	43040	No
277	GOM_NL__2PRFIN20100524_221919_000000502089_00401_43040_1384.N1	24-MAY-2010 22:19:19	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	43040	No
278	GOM_NL__2PRFIN20100524_222102_000000432089_00402_43041_1372.N1	24-MAY-2010 22:21:02	Dark	42.500	31	Alp Gru	1.7340	15200.	85	43041	No

279	GOM_NL__2PRFIN20100524_222622_000000452089_00402_43041_1373.N1	24-MAY-2010 22:26:22	Dark	44.500	45	Alp Pav	1.9400	26000.	89	43041	No
280	GOM_NL__2PRFIN20100524_223304_000000432089_00402_43041_1374.N1	24-MAY-2010 22:33:04	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	43041	No
281	GOM_NL__2PRFIN20100524_223552_000000482089_00402_43041_1375.N1	24-MAY-2010 22:35:52	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43041	No
282	GOM_NL__2PRFIN20100524_223742_000000482089_00402_43041_1376.N1	24-MAY-2010 22:37:42	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	43041	No
283	GOM_NL__2PRFIN20100524_223942_000000472089_00402_43041_1377.N1	24-MAY-2010 22:39:42	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	43041	No
284	GOM_NL__2PRFIN20100524_224232_000000592089_00402_43041_1378.N1	24-MAY-2010 22:42:32	Bright	59.000	16	21Alp Sco	1.0200	3000.0	118	43041	No
285	GOM_NL__2PRFIN20100524_224454_000000432089_00402_43041_1379.N1	24-MAY-2010 22:44:54	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	43041	No
286	GOM_NL__2PRFIN20100524_224822_000000392089_00402_43041_1380.N1	24-MAY-2010 22:48:22	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43041	No
287	GOM_NL__2PRFIN20100524_225005_000000442089_00402_43041_1381.N1	24-MAY-2010 22:50:05	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43041	No
288	GOM_NL__2PRFIN20100524_225309_000000402089_00402_43041_1382.N1	24-MAY-2010 22:53:09	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43041	No
289	GOM_NL__2PRFIN20100524_225856_000000402089_00402_43041_1383.N1	24-MAY-2010 22:58:56	Bright	39.500	83		2.3780	11000.	79	43041	No
290	GOM_NL__2PRFIN20100524_231006_000000412089_00402_43041_1384.N1	24-MAY-2010 23:10:06	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	43041	No
291	GOM_NL__2PRFIN20100524_231218_000000392089_00402_43041_1385.N1	24-MAY-2010 23:12:18	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	43041	No
292	GOM_NL__2PRFIN20100524_232503_000000542089_00402_43041_1386.N1	24-MAY-2010 23:25:03	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43041	No
293	GOM_NL__2PRFIN20100524_232614_000000382089_00402_43041_1387.N1	24-MAY-2010 23:26:14	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	43041	No
294	GOM_NL__2PRFIN20100524_233229_000000392089_00402_43041_1388.N1	24-MAY-2010 23:32:29	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43041	No
295	GOM_NL__2PRFIN20100524_233502_000000482089_00402_43041_1389.N1	24-MAY-2010 23:35:02	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	43041	No
296	GOM_NL__2PRFIN20100524_233933_000000482089_00402_43041_1390.N1	24-MAY-2010 23:39:33	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	43041	No
297	GOM_NL__2PRFIN20100524_234823_000000462089_00402_43041_1391.N1	24-MAY-2010 23:48:23	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	43041	No
298	GOM_NL__2PRFIN20100524_235956_000000492089_00402_43041_1392.N1	24-MAY-2010 23:59:56	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	43041	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.

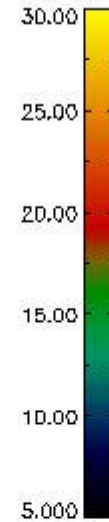
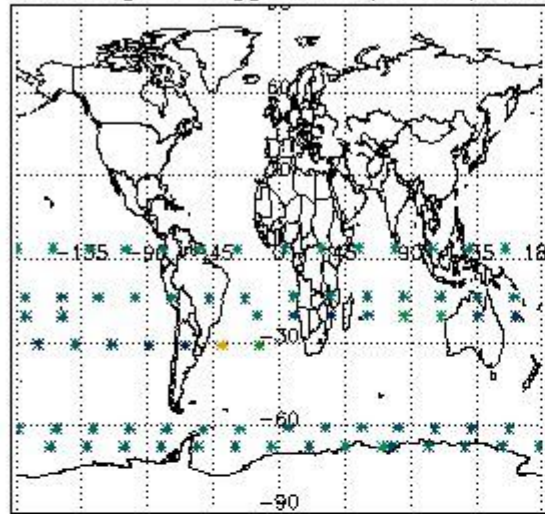
#### 3.1 Plot quality information per product (time dependant)



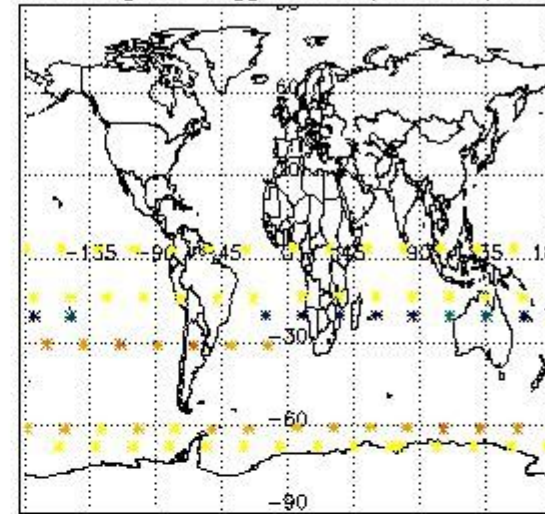
3.2 Plot quality information per product (world map)



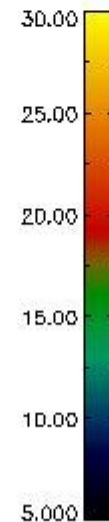
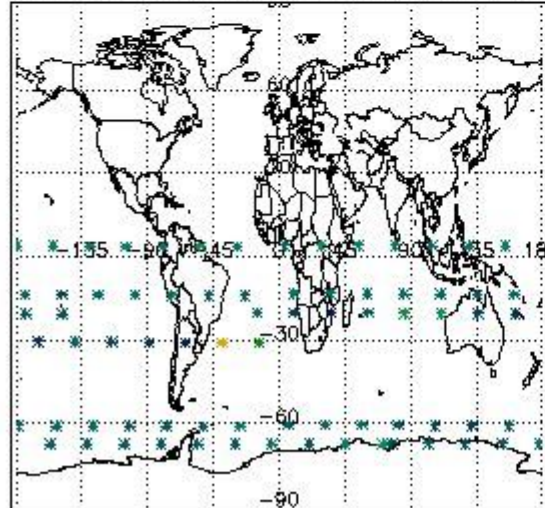
Percentage of flagged data per O3 profile



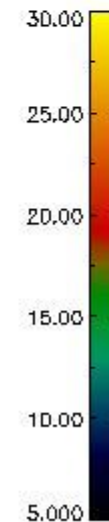
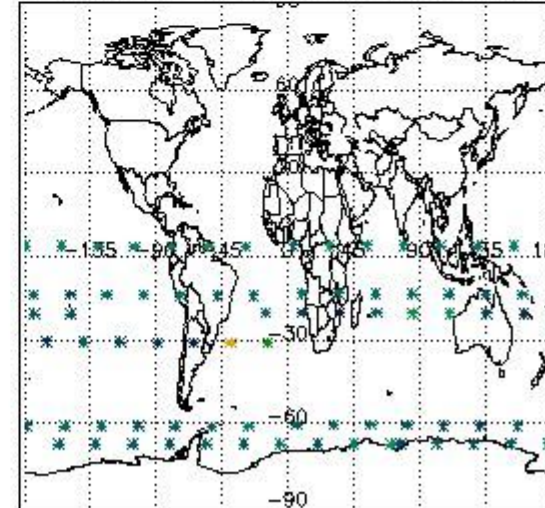
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

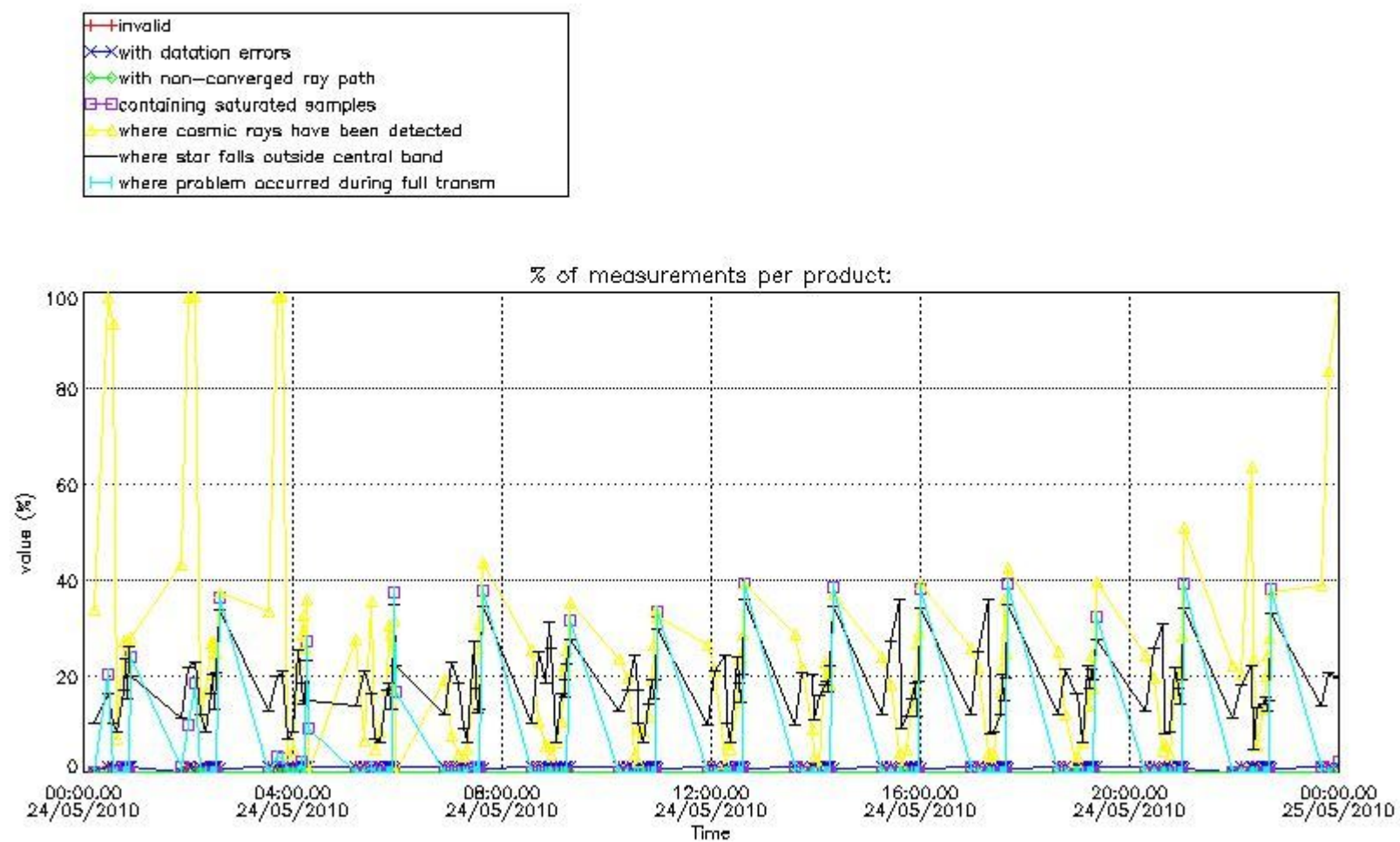


#### 4. Level 1 quality information per product

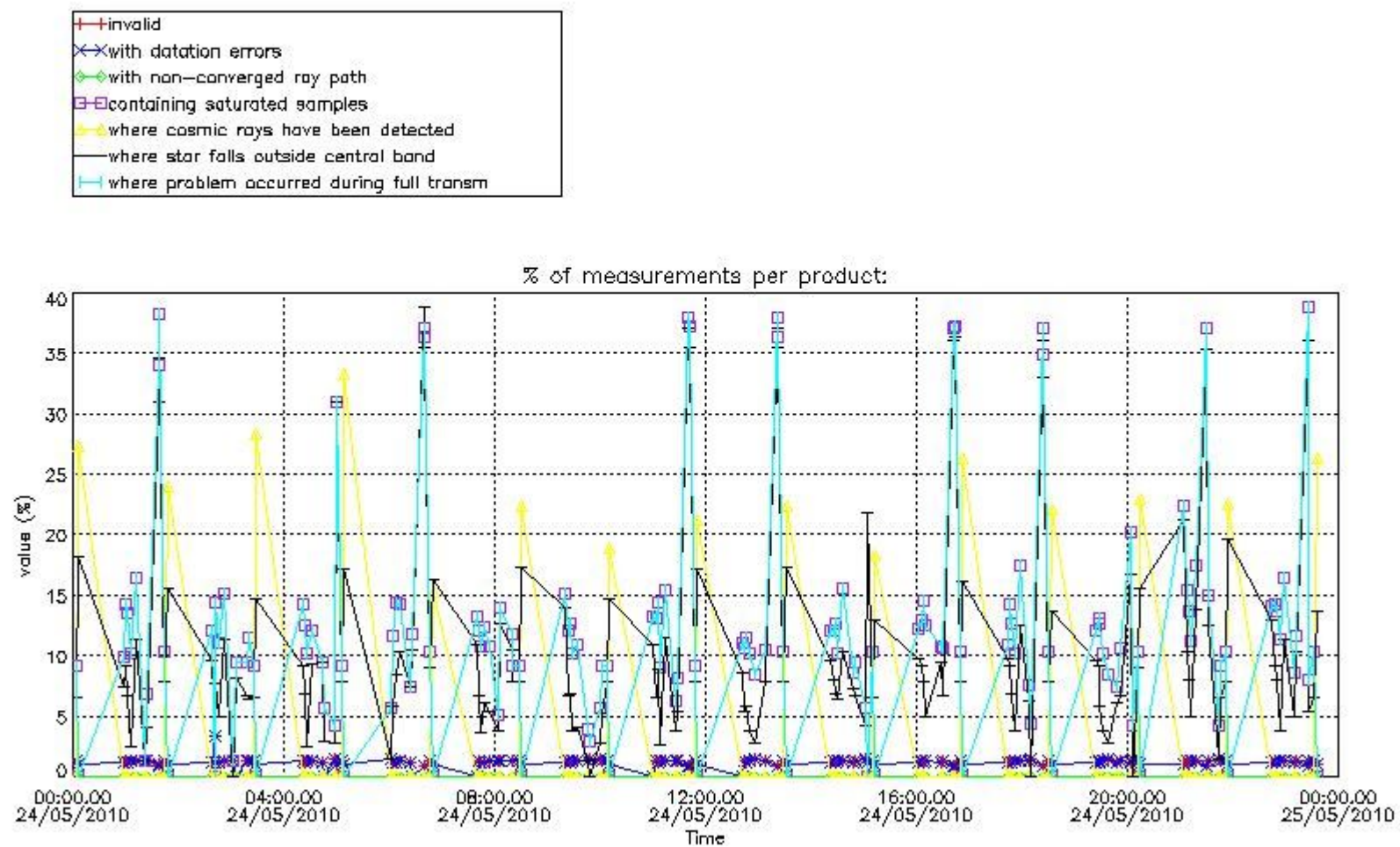
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



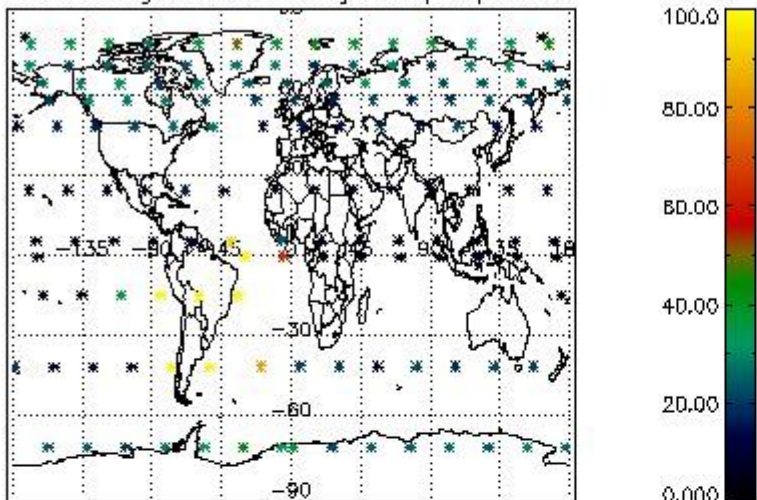
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



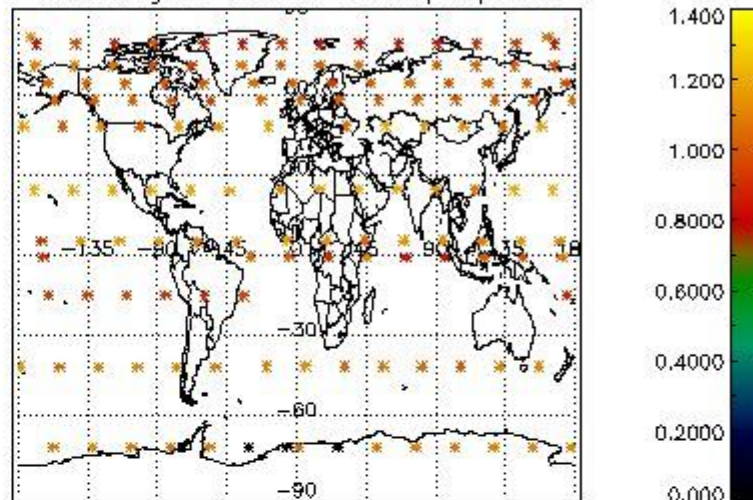
4.2 Plot quality information per product coming from level 1b processing (world map)

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

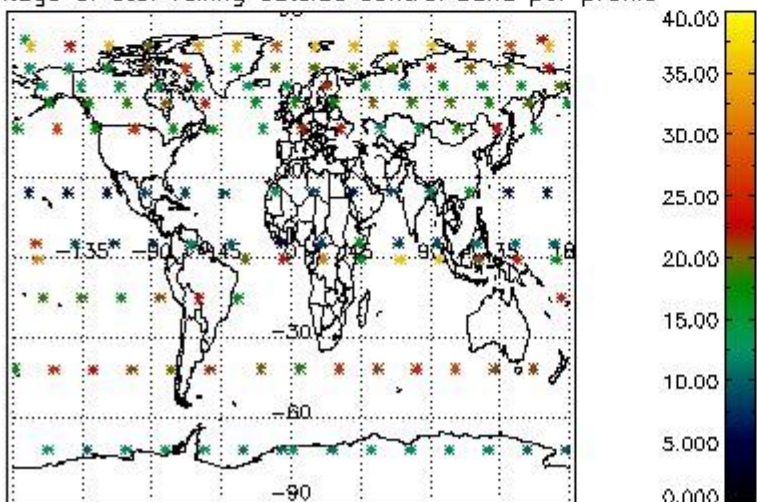
Percentage of cosmic ray hits per profile



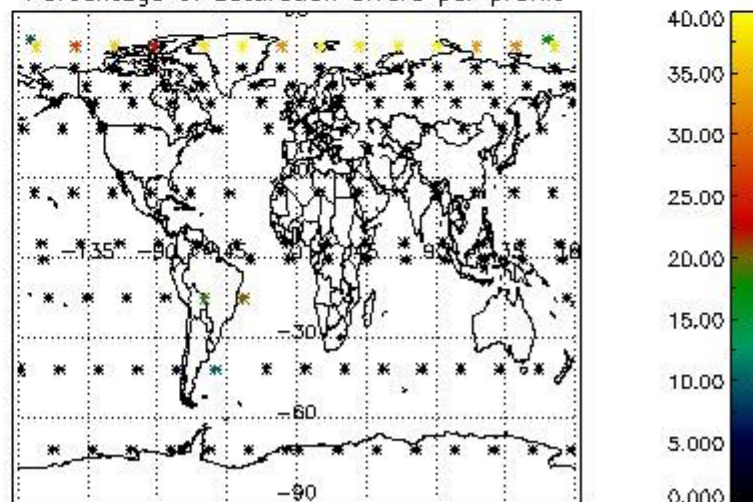
Percentage of datation errors per profile



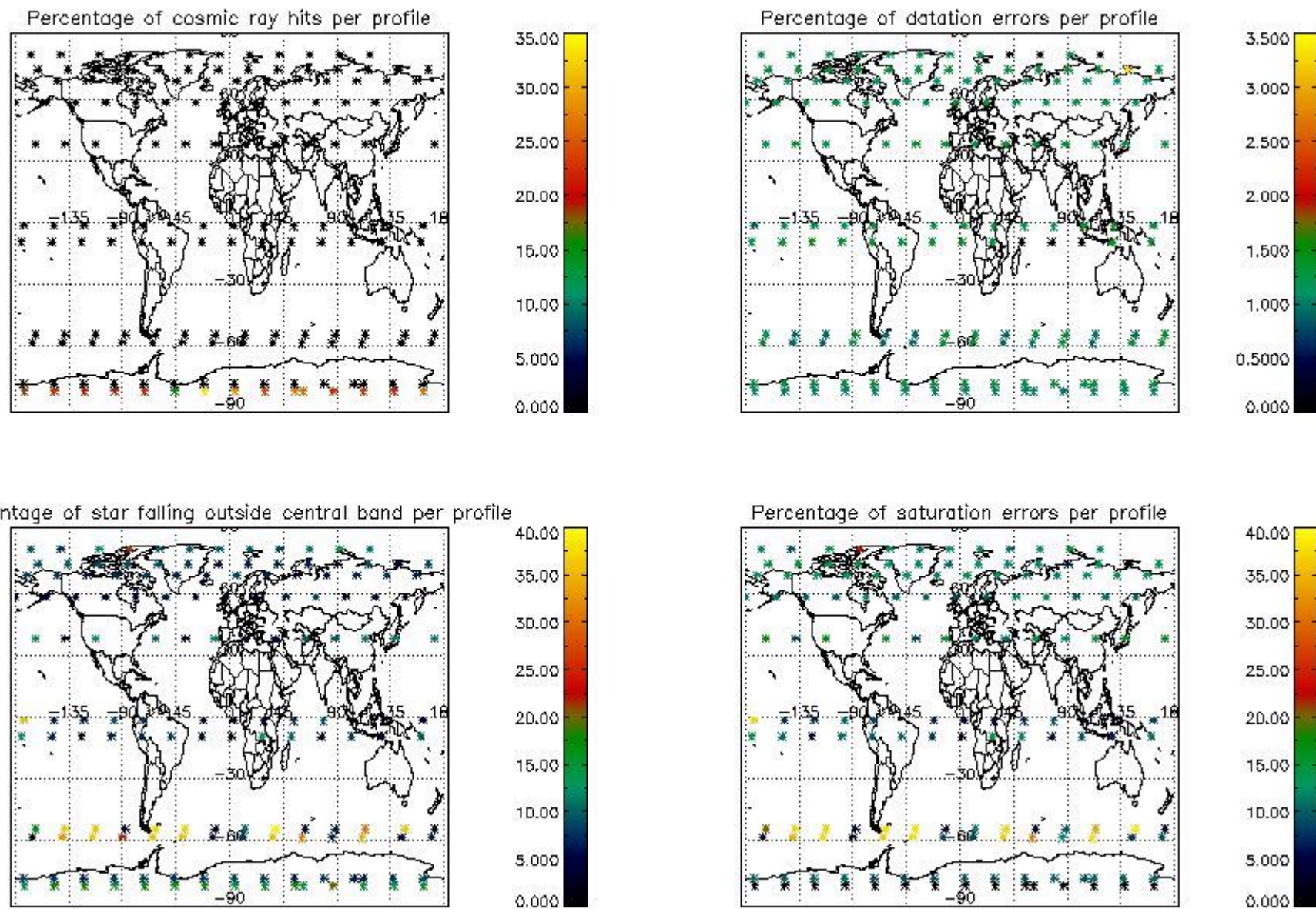
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

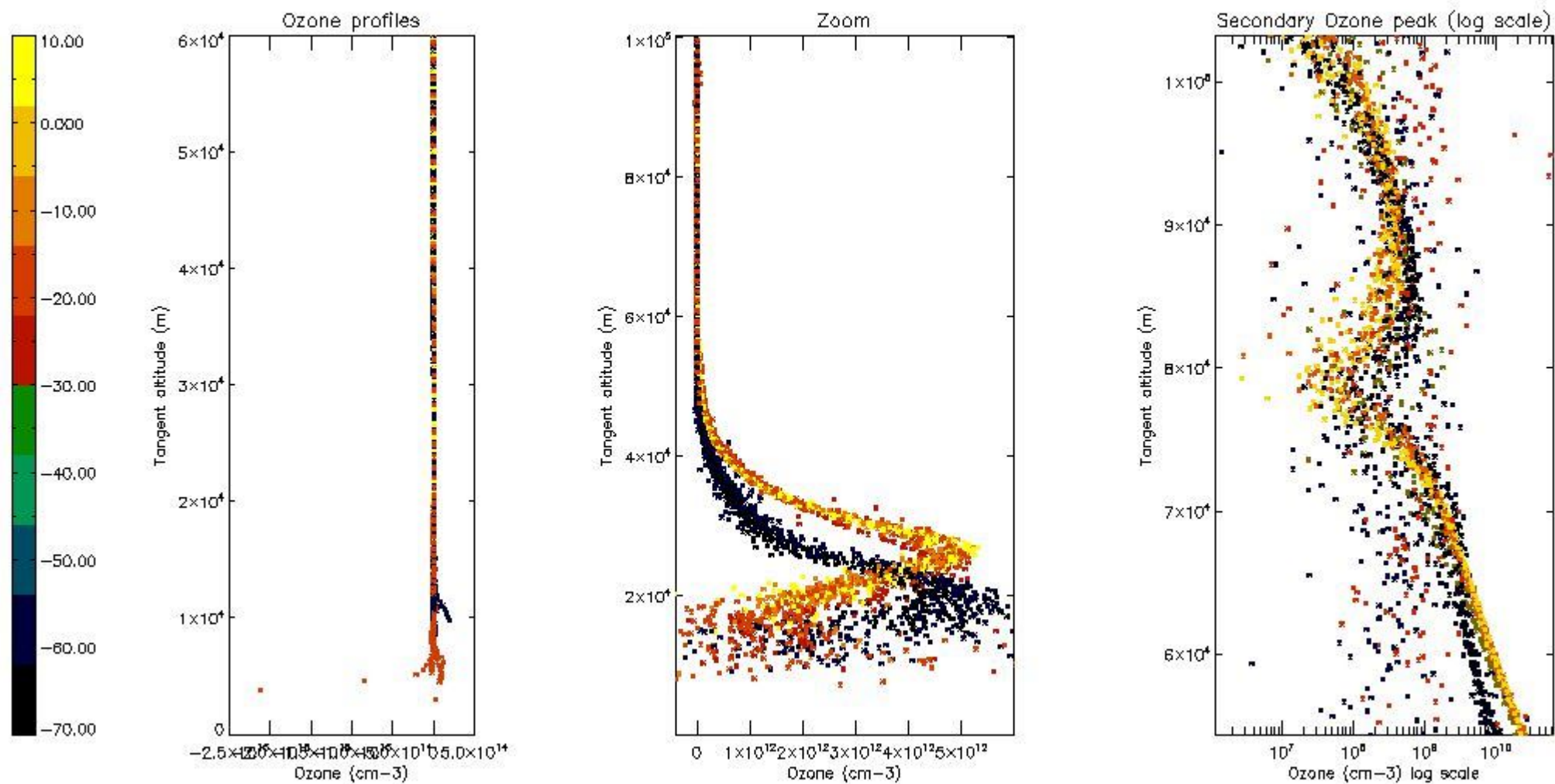
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	14

STD < 10	10
STD < 5	7

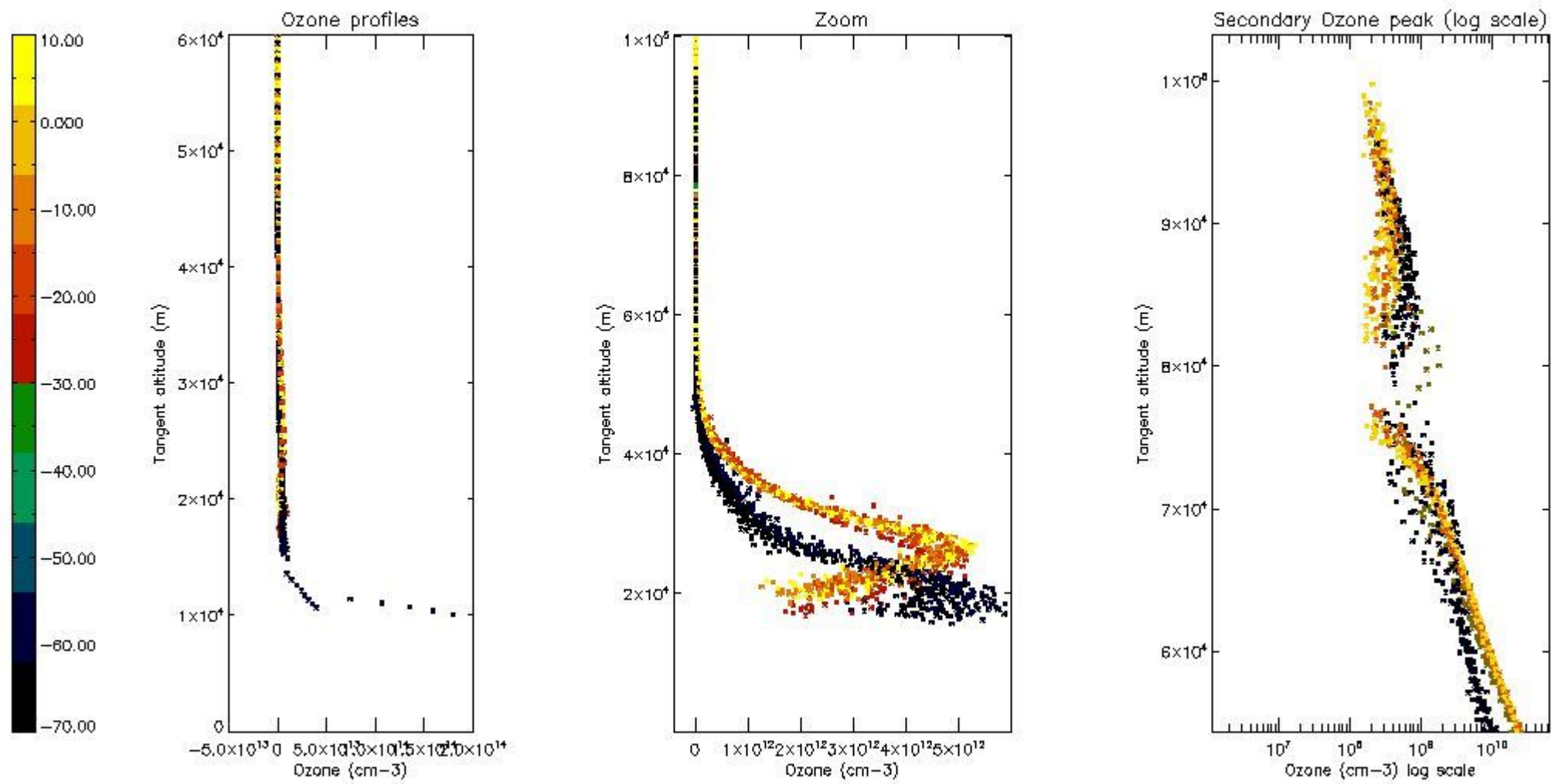
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



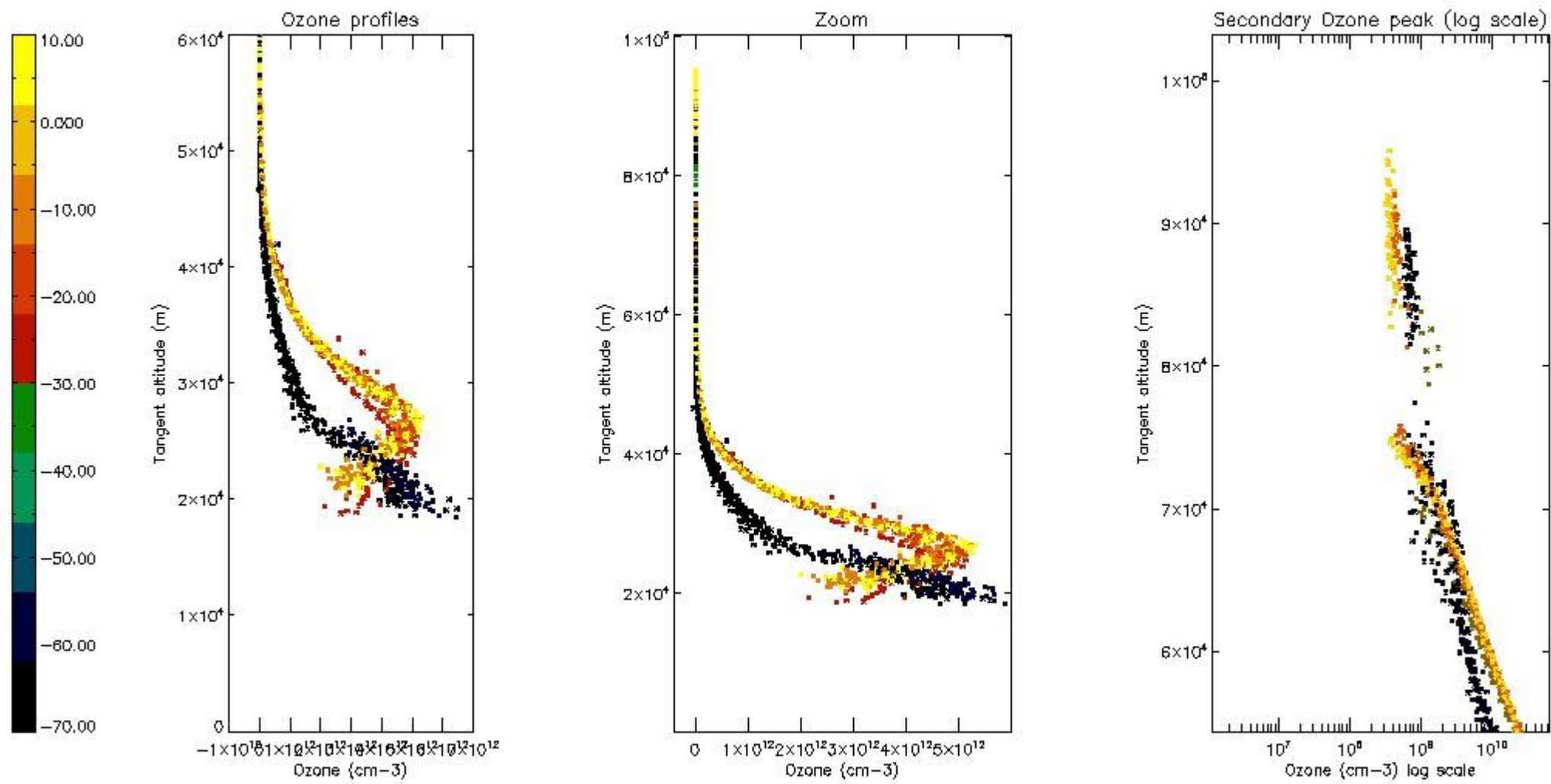
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

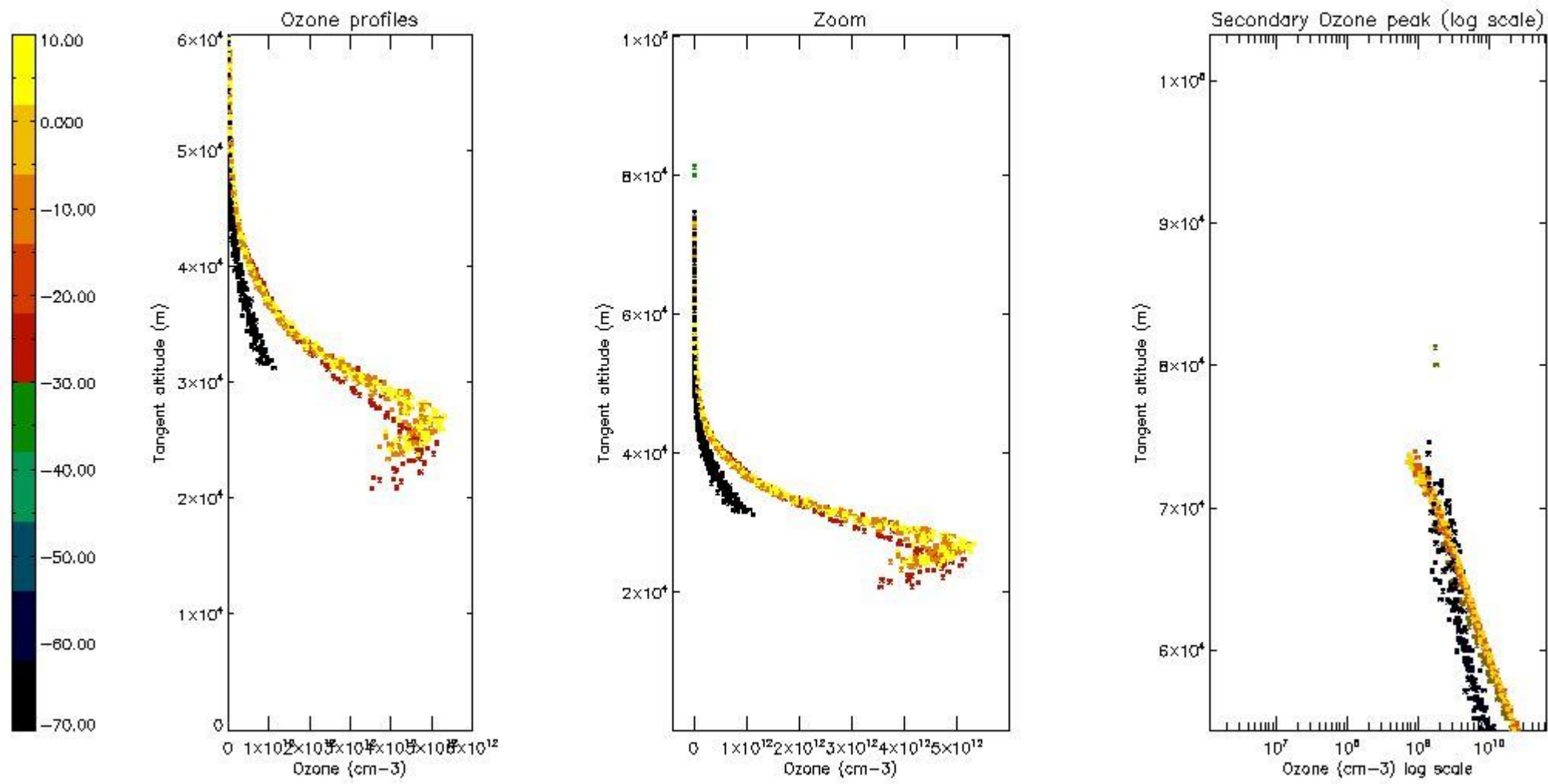
The colorbar represents the latitude.



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

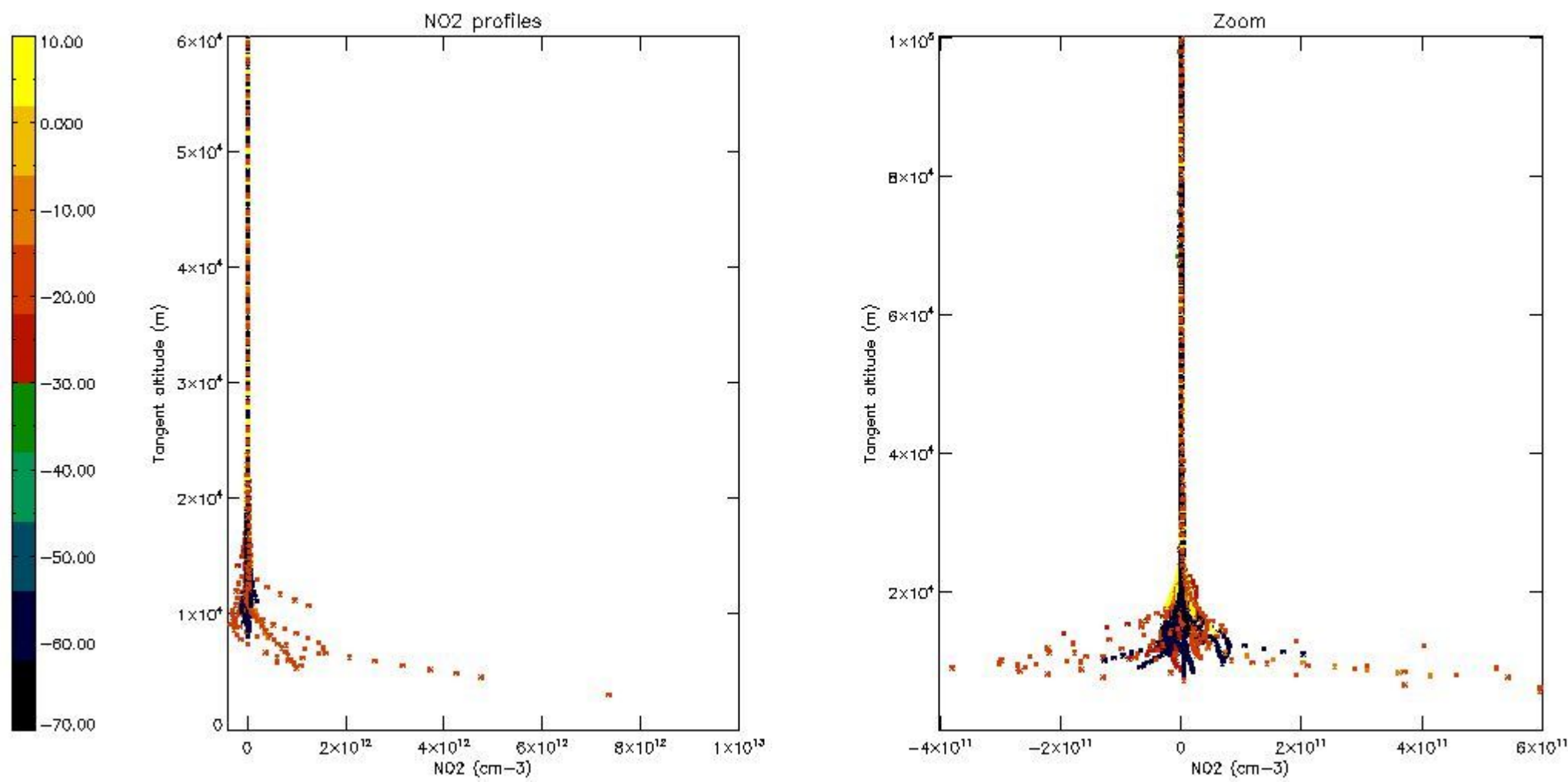
The colorbar represents the latitude.





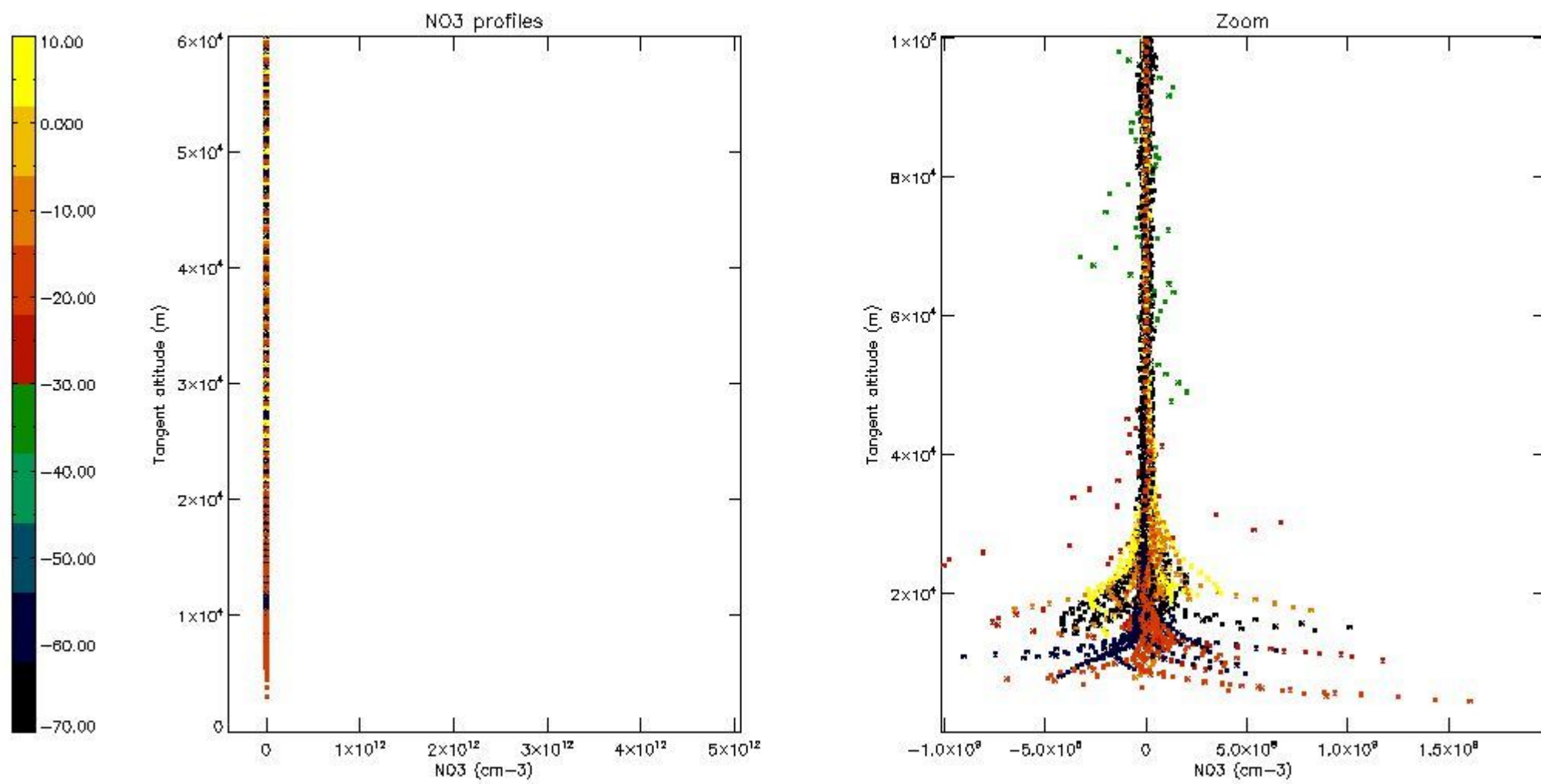
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



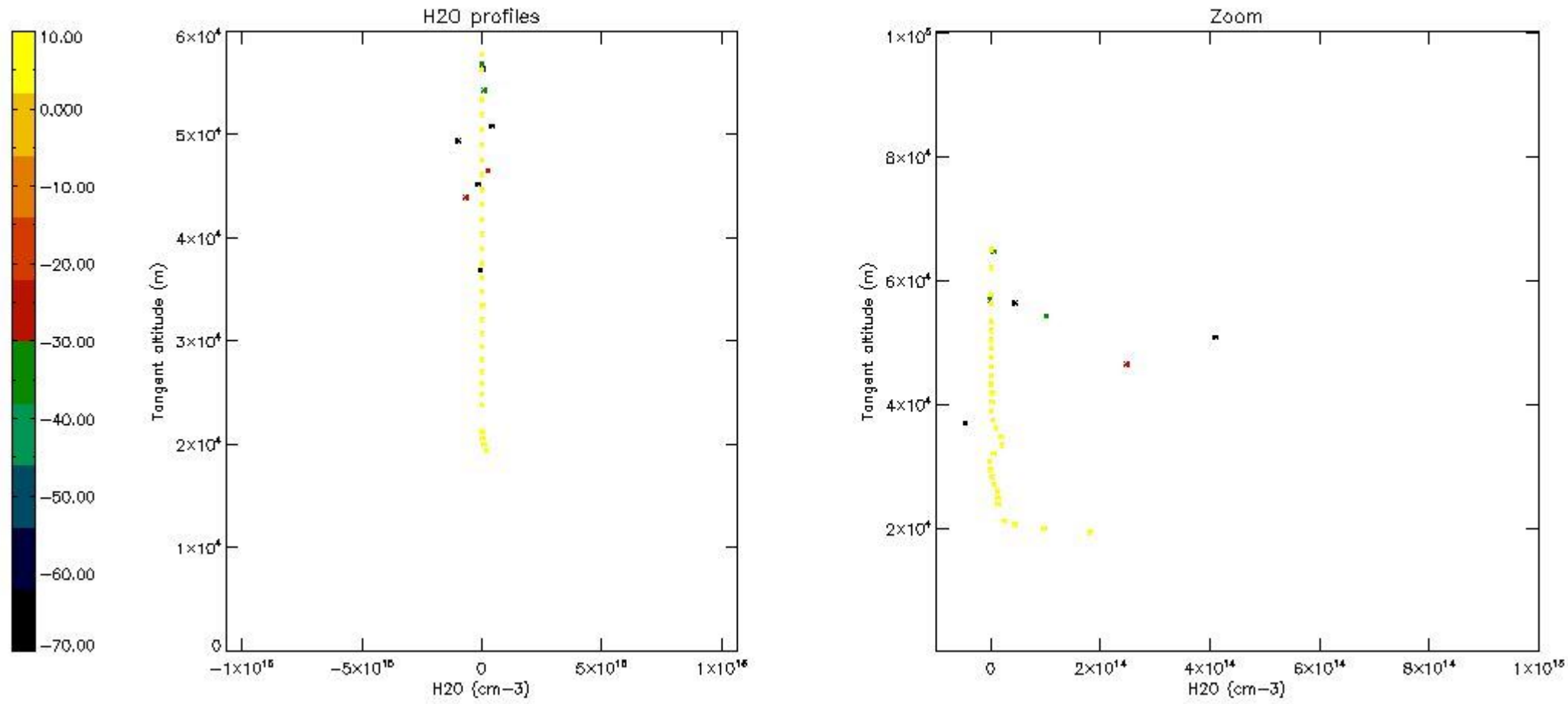
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	24-MAY-2010 00:04:05
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-MAY-2010 00:04:05
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-MAY-2010 00:04:05

# GOMOS Level 2 Daily Report

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

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#### [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	29APR2013 11:07:26
Data source version	GOMOS/6.01
Start time of products	24-05-2010 (24MAY2010 00:00:00)
Stop time of products	25-05-2010 (25MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	298
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__2PRFIN20100524_000405_000000382089_00388_43027_1253.N1	24-MAY-2010 00:04:05	Bright	38.000	53	43Bet And	2.0480	3300.0	76	43027	No
2	GOM_NL__2PRFIN20100524_000637_000000502089_00388_43027_1254.N1	24-MAY-2010 00:06:37	Twilight_stray	49.500	58	21Alp And	2.0730	11000.	99	43027	No
3	GOM_NL__2PRFIN20100524_001105_000000452089_00388_43027_1255.N1	24-MAY-2010 00:11:05	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	43027	No
4	GOM_NL__2PRFIN20100524_002724_000000522089_00388_43027_1256.N1	24-MAY-2010 00:27:24	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	43027	No
5	GOM_NL__2PRFIN20100524_003303_000000452089_00389_43028_1245.N1	24-MAY-2010 00:33:03	Dark	45.000	31	Alp Gru	1.7340	15200.	90	43028	No
6	GOM_NL__2PRFIN20100524_003825_000000432089_00389_43028_1246.N1	24-MAY-2010 00:38:25	Dark	42.500	45	Alp Pav	1.9400	26000.	85	43028	No
7	GOM_NL__2PRFIN20100524_004511_000000442089_00389_43028_1247.N1	24-MAY-2010 00:45:11	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	43028	No
8	GOM_NL__2PRFIN20100524_004758_000000532089_00389_43028_1248.N1	24-MAY-2010 00:47:58	Straylight	53.000	40	The Sco	1.8590	7100.0	106	43028	No
9	GOM_NL__2PRFIN20100524_004949_000000502089_00389_43028_1249.N1	24-MAY-2010 00:49:49	Straylight	49.500	25	35Lam Sco	1.6200	28000.	99	43028	No
10	GOM_NL__2PRFIN20100524_005151_000000542089_00389_43028_1250.N1	24-MAY-2010 00:51:51	Twilight_stray	53.500	75	26Eps Sco	2.2910	4250.0	107	43028	No
11	GOM_NL__2PRFIN20100524_005441_000000502089_00389_43028_1251.N1	24-MAY-2010 00:54:41	Bright	50.000	16	21Alp Sco	1.0200	3000.0	100	43028	No
12	GOM_NL__2PRFIN20100524_005705_000000412089_00389_43028_1252.N1	24-MAY-2010 00:57:05	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	43028	No
13	GOM_NL__2PRFIN20100524_010034_000000392089_00389_43028_1253.N1	24-MAY-2010 01:00:34	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43028	No
14	GOM_NL__2PRFIN20100524_010219_000000452089_00389_43028_1254.N1	24-MAY-2010 01:02:19	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43028	No
15	GOM_NL__2PRFIN20100524_010524_000000402089_00389_43028_1255.N1	24-MAY-2010 01:05:24	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43028	No
16	GOM_NL__2PRFIN20100524_011109_000000402089_00389_43028_1256.N1	24-MAY-2010 01:11:09	Bright	39.500	83		2.3780	11000.	79	43028	No
17	GOM_NL__2PRFIN20100524_012223_000000372089_00389_43028_1257.N1	24-MAY-2010 01:22:23	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	43028	No
18	GOM_NL__2PRFIN20100524_012431_000000372089_00389_43028_1258.N1	24-MAY-2010 01:24:31	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	43028	No
19	GOM_NL__2PRFIN20100524_013716_000000502089_00389_43028_1259.N1	24-MAY-2010 01:37:16	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	43028	No
20	GOM_NL__2PRFIN20100524_013828_000000552089_00389_43028_1260.N1	24-MAY-2010 01:38:28	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43028	No
21	GOM_NL__2PRFIN20100524_014441_000000392089_00389_43028_1261.N1	24-MAY-2010 01:44:41	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43028	No
22	GOM_NL__2PRFIN20100524_014713_000000482089_00389_43028_1262.N1	24-MAY-2010 01:47:13	Twilight_stray	48.000	58	21Alp And	2.0730	11000.	96	43028	No
23	GOM_NL__2PRFIN20100524_015141_000000452089_00389_43028_1263.N1	24-MAY-2010 01:51:41	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	43028	No
24	GOM_NL__2PRFIN20100524_020030_000000462089_00389_43028_1264.N1	24-MAY-2010 02:00:30	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	43028	No
25	GOM_NL__2PRFIN20100524_020801_000000572089_00389_43028_1265.N1	24-MAY-2010 02:08:01	Dark	56.500	18	24Alp PsA	1.1660	9700.0	113	43028	No
26	GOM_NL__2PRFIN20100524_021340_000000462089_00390_43029_1253.N1	24-MAY-2010 02:13:40	Dark	45.500	31	Alp Gru	1.7340	15200.	91	43029	No
27	GOM_NL__2PRFIN20100524_021902_000000422089_00390_43029_1254.N1	24-MAY-2010 02:19:02	Dark	42.000	45	Alp Pav	1.9400	26000.	84	43029	No
28	GOM_NL__2PRFIN20100524_022547_000000432089_00390_43029_1255.N1	24-MAY-2010 02:25:47	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	43029	No
29	GOM_NL__2PRFIN20100524_022835_000000502089_00390_43029_1256.N1	24-MAY-2010 02:28:35	Straylight	49.500	40	The Sco	1.8590	7100.0	99	43029	No
30	GOM_NL__2PRFIN20100524_023025_000000492089_00390_43029_1257.N1	24-MAY-2010 02:30:25	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	43029	No
31	GOM_NL__2PRFIN20100524_023227_000000512089_00390_43029_1258.N1	24-MAY-2010 02:32:27	Twilight_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	43029	No
32	GOM_NL__2PRFIN20100524_023518_000000592089_00390_43029_1259.N1	24-MAY-2010 02:35:18	Bright	59.000	16	21Alp Sco	1.0200	3000.0	118	43029	No
33	GOM_NL__2PRFIN20100524_023741_000000422089_00390_43029_1260.N1	24-MAY-2010 02:37:41	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	43029	No
34	GOM_NL__2PRFIN20100524_024110_000000152089_00390_43029_1261.N1	24-MAY-2010 02:41:10	Twilight_stray	15.000	104	27Bet Lib	2.6140	13100.	30	43029	No
35	GOM_NL__2PRFIN20100524_024255_000000452089_00390_43029_1262.N1	24-MAY-2010 02:42:55	Bright	45.000	120	1Del Oph	2.7340	3200.0	90	43029	No
36	GOM_NL__2PRFIN20100524_024559_000000412089_00390_43029_1263.N1	24-MAY-2010 02:45:59	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	43029	No
37	GOM_NL__2PRFIN20100524_025145_000000402089_00390_43029_1264.N1	24-MAY-2010 02:51:45	Bright	39.500	83		2.3780	11000.	79	43029	No
38	GOM_NL__2PRFIN20100524_030259_000000372089_00390_43029_1265.N1	24-MAY-2010 03:02:59	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	43029	No
39	GOM_NL__2PRFIN20100524_030507_000000372089_00390_43029_1266.N1	24-MAY-2010 03:05:07	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	43029	No
40	GOM_NL__2PRFIN20100524_031752_000000372089_00390_43029_1267.N1	24-MAY-2010 03:17:52	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	43029	No
41	GOM_NL__2PRFIN20100524_031904_000000392089_00390_43029_1268.N1	24-MAY-2010 03:19:04	Bright	39.000	68	18Alp Cas	2.2250	4500.0	78	43029	No
42	GOM_NL__2PRFIN20100524_032516_000000392089_00390_43029_1269.N1	24-MAY-2010 03:25:16	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43029	No

43	GOM_NL__2PRFIN20100524_032749_000000482089_00390_43029_1270.N1	24-MAY-2010 03:27:49	Twilight	47.500	58	21Alp And	2.0730	11000.	95	43029	No
44	GOM_NL__2PRFIN20100524_033217_000000472089_00390_43029_1271.N1	24-MAY-2010 03:32:17	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43029	No
45	GOM_NL__2PRFIN20100524_034106_000000452089_00390_43029_1272.N1	24-MAY-2010 03:41:06	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	43029	No
46	GOM_NL__2PRFIN20100524_034838_000000552089_00390_43029_1273.N1	24-MAY-2010 03:48:38	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	43029	No
47	GOM_NL__2PRFIN20100524_035417_000000432089_00391_43030_1261.N1	24-MAY-2010 03:54:17	Dark	43.000	31	Alp Gru	1.7340	15200.	86	43030	No
48	GOM_NL__2PRFIN20100524_035939_000000422089_00391_43030_1262.N1	24-MAY-2010 03:59:39	Dark	42.000	45	Alp Pav	1.9400	26000.	84	43030	No
49	GOM_NL__2PRFIN20100524_040624_000000492089_00391_43030_1263.N1	24-MAY-2010 04:06:24	Straylight	49.000	141	Bet Ara	2.8400	4600.0	98	43030	No
50	GOM_NL__2PRFIN20100524_040911_000000492089_00391_43030_1264.N1	24-MAY-2010 04:09:11	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43030	No
51	GOM_NL__2PRFIN20100524_041102_000000492089_00391_43030_1265.N1	24-MAY-2010 04:11:02	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	43030	No
52	GOM_NL__2PRFIN20100524_041303_000000472089_00391_43030_1266.N1	24-MAY-2010 04:13:03	Twilight	46.500	75	26Eps Sco	2.2910	4250.0	93	43030	No
53	GOM_NL__2PRFIN20100524_041554_000000522089_00391_43030_1267.N1	24-MAY-2010 04:15:54	Bright	51.500	16	21Alp Sco	1.0200	3000.0	103	43030	No
54	GOM_NL__2PRFIN20100524_041728_000000442089_00391_43030_1268.N1	24-MAY-2010 04:17:28	Bright	44.000	80	7Del Sco	2.3160	30000.	88	43030	No
55	GOM_NL__2PRFIN20100524_042146_000000392089_00391_43030_1269.N1	24-MAY-2010 04:21:46	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43030	No
56	GOM_NL__2PRFIN20100524_042331_000000442089_00391_43030_1270.N1	24-MAY-2010 04:23:31	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43030	No
57	GOM_NL__2PRFIN20100524_042635_000000402089_00391_43030_1271.N1	24-MAY-2010 04:26:35	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43030	No
58	GOM_NL__2PRFIN20100524_043221_000000382089_00391_43030_1272.N1	24-MAY-2010 04:32:21	Bright	37.500	83		2.3780	11000.	75	43030	No
59	GOM_NL__2PRFIN20100524_044334_000000422089_00391_43030_1273.N1	24-MAY-2010 04:43:34	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	43030	No
60	GOM_NL__2PRFIN20100524_044543_000000352089_00391_43030_1274.N1	24-MAY-2010 04:45:43	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	43030	No
61	GOM_NL__2PRFIN20100524_045828_000000362089_00391_43030_1275.N1	24-MAY-2010 04:58:28	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	43030	No
62	GOM_NL__2PRFIN20100524_045940_000000502089_00391_43030_1276.N1	24-MAY-2010 04:59:40	Bright	50.000	68	18Alp Cas	2.2250	4500.0	100	43030	No
63	GOM_NL__2PRFIN20100524_050553_000000392089_00391_43030_1277.N1	24-MAY-2010 05:05:53	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43030	No
64	GOM_NL__2PRFIN20100524_050825_000000502089_00391_43030_1278.N1	24-MAY-2010 05:08:25	Twilight	49.500	58	21Alp And	2.0730	11000.	99	43030	No
65	GOM_NL__2PRFIN20100524_051253_000000472089_00391_43030_1279.N1	24-MAY-2010 05:12:53	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	43030	No
66	GOM_NL__2PRFIN20100524_052143_000000452089_00391_43030_1280.N1	24-MAY-2010 05:21:43	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	43030	No
67	GOM_NL__2PRFIN20100524_052915_000000522089_00391_43030_1281.N1	24-MAY-2010 05:29:15	Dark	52.000	18	24Alp PsA	1.1660	9700.0	104	43030	No
68	GOM_NL__2PRFIN20100524_053454_000000442089_00392_43031_1269.N1	24-MAY-2010 05:34:54	Dark	43.500	31	Alp Gru	1.7340	15200.	87	43031	No
69	GOM_NL__2PRFIN20100524_054015_000000422089_00392_43031_1270.N1	24-MAY-2010 05:40:15	Dark	41.500	45	Alp Pav	1.9400	26000.	83	43031	No
70	GOM_NL__2PRFIN20100524_054700_000000442089_00392_43031_1271.N1	24-MAY-2010 05:47:00	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	43031	No
71	GOM_NL__2PRFIN20100524_054948_000000492089_00392_43031_1272.N1	24-MAY-2010 05:49:48	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43031	No
72	GOM_NL__2PRFIN20100524_055138_000000492089_00392_43031_1273.N1	24-MAY-2010 05:51:38	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	43031	No
73	GOM_NL__2PRFIN20100524_055339_000000462089_00392_43031_1274.N1	24-MAY-2010 05:53:39	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	43031	No
74	GOM_NL__2PRFIN20100524_055630_000000602089_00392_43031_1275.N1	24-MAY-2010 05:56:30	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43031	No
75	GOM_NL__2PRFIN20100524_055804_000000482089_00392_43031_1276.N1	24-MAY-2010 05:58:04	Bright	47.500	80	7Del Sco	2.3160	30000.	95	43031	No
76	GOM_NL__2PRFIN20100524_060222_000000352089_00392_43031_1277.N1	24-MAY-2010 06:02:22	Bright	35.000	104	27Bet Lib	2.6140	13100.	70	43031	No
77	GOM_NL__2PRFIN20100524_060407_000000432089_00392_43031_1278.N1	24-MAY-2010 06:04:07	Bright	43.000	120	1Del Oph	2.7340	3200.0	86	43031	No
78	GOM_NL__2PRFIN20100524_060711_000000422089_00392_43031_1279.N1	24-MAY-2010 06:07:11	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	43031	No
79	GOM_NL__2PRFIN20100524_061257_000000392089_00392_43031_1280.N1	24-MAY-2010 06:12:57	Bright	38.500	83		2.3780	11000.	77	43031	No
80	GOM_NL__2PRFIN20100524_062410_000000412089_00392_43031_1281.N1	24-MAY-2010 06:24:10	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	43031	No
81	GOM_NL__2PRFIN20100524_062619_000000382089_00392_43031_1282.N1	24-MAY-2010 06:26:19	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	43031	No
82	GOM_NL__2PRFIN20100524_063904_000000542089_00392_43031_1283.N1	24-MAY-2010 06:39:04	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43031	No
83	GOM_NL__2PRFIN20100524_064016_000000552089_00392_43031_1284.N1	24-MAY-2010 06:40:16	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43031	No
84	GOM_NL__2PRFIN20100524_064629_000000392089_00392_43031_1285.N1	24-MAY-2010 06:46:29	Bright	39.000	53	43Bet And	2.0480	3300.0	78	43031	No
85	GOM_NL__2PRFIN20100524_064901_000000492089_00392_43031_1286.N1	24-MAY-2010 06:49:01	Twilight	49.000	58	21Alp And	2.0730	11000.	98	43031	No
86	GOM_NL__2PRFIN20100524_065330_000000472089_00392_43031_1287.N1	24-MAY-2010 06:53:30	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43031	No
87	GOM_NL__2PRFIN20100524_070219_000000462089_00392_43031_1288.N1	24-MAY-2010 07:02:19	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	43031	No
88	GOM_NL__2PRFIN20100524_070952_000000542089_00392_43031_1289.N1	24-MAY-2010 07:09:52	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	43031	No
89	GOM_NL__2PRFIN20100524_071531_000000442089_00393_43032_1277.N1	24-MAY-2010 07:15:31	Dark	44.000	31	Alp Gru	1.7340	15200.	88	43032	No
90	GOM_NL__2PRFIN20100524_072052_000000422089_00393_43032_1278.N1	24-MAY-2010 07:20:52	Dark	41.500	45	Alp Pav	1.9400	26000.	83	43032	No
91	GOM_NL__2PRFIN20100524_072737_000000502089_00393_43032_1279.N1	24-MAY-2010 07:27:37	Straylight	49.500	141	Bet Ara	2.8400	4600.0	99	43032	No
92	GOM_NL__2PRFIN20100524_073024_000000492089_00393_43032_1280.N1	24-MAY-2010 07:30:24	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43032	No
93	GOM_NL__2PRFIN20100524_073215_000000492089_00393_43032_1281.N1	24-MAY-2010 07:32:15	Straylight	48.500	25	35Lam Sco	1.6200	28000.	97	43032	No
94	GOM_NL__2PRFIN20100524_073416_000000462089_00393_43032_1282.N1	24-MAY-2010 07:34:16	Twilight	45.500	75	26Eps Sco	2.2910	4250.0	91	43032	No
95	GOM_NL__2PRFIN20100524_073706_000000602089_00393_43032_1283.N1	24-MAY-2010 07:37:06	Bright	59.500	16	21Alp Sco	1.0200	3000.0	119	43032	No
96	GOM_NL__2PRFIN20100524_073929_000000422089_00393_43032_1284.N1	24-MAY-2010 07:39:29	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	43032	No
97	GOM_NL__2PRFIN20100524_074258_000000382089_00393_43032_1285.N1	24-MAY-2010 07:42:58	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	43032	No
98	GOM_NL__2PRFIN20100524_074443_000000422089_00393_43032_1286.N1	24-MAY-2010 07:44:43	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	43032	No
99	GOM_NL__2PRFIN20100524_074747_000000412089_00393_43032_1287.N1	24-MAY-2010 07:47:47	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	43032	No
100	GOM_NL__2PRFIN20100524_075333_000000372089_00393_43032_1288.N1	24-MAY-2010 07:53:33	Bright	37.000	83		2.3780	11000.	74	43032	No
101	GOM_NL__2PRFIN20100524_080446_000000402089_00393_43032_1289.N1	24-MAY-2010 08:04:46	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	43032	No

102	GOM_NL__2PRFIN20100524_080655_000000402089_00393_43032_1290.N1	24-MAY-2010 08:06:55	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	43032	No
103	GOM_NL__2PRFIN20100524_081940_000000382089_00393_43032_1291.N1	24-MAY-2010 08:19:40	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	43032	No
104	GOM_NL__2PRFIN20100524_082051_000000382089_00393_43032_1292.N1	24-MAY-2010 08:20:51	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	43032	No
105	GOM_NL__2PRFIN20100524_082705_000000392089_00393_43032_1293.N1	24-MAY-2010 08:27:05	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43032	No
106	GOM_NL__2PRFIN20100524_082938_000000492089_00393_43032_1294.N1	24-MAY-2010 08:29:38	Tw_i_and_stray	49.000	58	21Alp And	2.0730	11000.	98	43032	No
107	GOM_NL__2PRFIN20100524_083406_000000452089_00393_43032_1295.N1	24-MAY-2010 08:34:06	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	43032	No
108	GOM_NL__2PRFIN20100524_084255_000000482089_00393_43032_1296.N1	24-MAY-2010 08:42:55	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	43032	No
109	GOM_NL__2PRFIN20100524_085029_000000542089_00393_43032_1297.N1	24-MAY-2010 08:50:29	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	43032	No
110	GOM_NL__2PRFIN20100524_085426_000000562089_00393_43032_1298.N1	24-MAY-2010 08:54:26	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	43032	No
111	GOM_NL__2PRFIN20100524_085608_000000552089_00394_43033_1285.N1	24-MAY-2010 08:56:08	Dark	54.500	31	Alp Gru	1.7340	15200.	109	43033	No
112	GOM_NL__2PRFIN20100524_090129_000000412089_00394_43033_1286.N1	24-MAY-2010 09:01:29	Dark	41.000	45	Alp Pav	1.9400	26000.	82	43033	No
113	GOM_NL__2PRFIN20100524_090813_000000432089_00394_43033_1287.N1	24-MAY-2010 09:08:13	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	43033	No
114	GOM_NL__2PRFIN20100524_091101_000000482089_00394_43033_1288.N1	24-MAY-2010 09:11:01	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43033	No
115	GOM_NL__2PRFIN20100524_091251_000000522089_00394_43033_1289.N1	24-MAY-2010 09:12:51	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	43033	No
116	GOM_NL__2PRFIN20100524_091452_000000512089_00394_43033_1290.N1	24-MAY-2010 09:14:52	Tw_i_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	43033	No
117	GOM_NL__2PRFIN20100524_091743_000000542089_00394_43033_1291.N1	24-MAY-2010 09:17:43	Bright	54.000	16	21Alp Sco	1.0200	3000.0	108	43033	No
118	GOM_NL__2PRFIN20100524_092005_000000432089_00394_43033_1292.N1	24-MAY-2010 09:20:05	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	43033	No
119	GOM_NL__2PRFIN20100524_092334_000000382089_00394_43033_1293.N1	24-MAY-2010 09:23:34	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	43033	No
120	GOM_NL__2PRFIN20100524_092519_000000442089_00394_43033_1294.N1	24-MAY-2010 09:25:19	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	43033	No
121	GOM_NL__2PRFIN20100524_092823_000000402089_00394_43033_1295.N1	24-MAY-2010 09:28:23	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43033	No
122	GOM_NL__2PRFIN20100524_093409_000000372089_00394_43033_1296.N1	24-MAY-2010 09:34:09	Bright	36.500	83		2.3780	11000.	73	43033	No
123	GOM_NL__2PRFIN20100524_094521_000000392089_00394_43033_1297.N1	24-MAY-2010 09:45:21	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	43033	No
124	GOM_NL__2PRFIN20100524_094731_000000352089_00394_43033_1298.N1	24-MAY-2010 09:47:31	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	43033	No
125	GOM_NL__2PRFIN20100524_100016_000000362089_00394_43033_1299.N1	24-MAY-2010 10:00:16	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	43033	No
126	GOM_NL__2PRFIN20100524_100128_000000382089_00394_43033_1300.N1	24-MAY-2010 10:01:28	Bright	38.000	68	18Alp Cas	2.2250	4500.0	76	43033	No
127	GOM_NL__2PRFIN20100524_100741_000000392089_00394_43033_1301.N1	24-MAY-2010 10:07:41	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43033	No
128	GOM_NL__2PRFIN20100524_101014_000000482089_00394_43033_1302.N1	24-MAY-2010 10:10:14	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	43033	No
129	GOM_NL__2PRFIN20100524_101443_000000472089_00394_43033_1303.N1	24-MAY-2010 10:14:43	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43033	No
130	GOM_NL__2PRFIN20100524_102332_000000442089_00394_43033_1304.N1	24-MAY-2010 10:23:32	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	43033	No
131	GOM_NL__2PRFIN20100524_103107_000000582089_00394_43033_1305.N1	24-MAY-2010 10:31:07	Dark	57.500	18	24Alp PsA	1.1660	9700.0	115	43033	No
132	GOM_NL__2PRFIN20100524_103502_000000472089_00394_43033_1306.N1	24-MAY-2010 10:35:02	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	43033	No
133	GOM_NL__2PRFIN20100524_103644_000000452089_00395_43034_1293.N1	24-MAY-2010 10:36:44	Dark	44.500	31	Alp Gru	1.7340	15200.	89	43034	No
134	GOM_NL__2PRFIN20100524_104206_000000412089_00395_43034_1294.N1	24-MAY-2010 10:42:06	Dark	41.000	45	Alp Pav	1.9400	26000.	82	43034	No
135	GOM_NL__2PRFIN20100524_104849_000000432089_00395_43034_1295.N1	24-MAY-2010 10:48:49	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	43034	No
136	GOM_NL__2PRFIN20100524_105137_000000502089_00395_43034_1296.N1	24-MAY-2010 10:51:37	Straylight	49.500	40	The Sco	1.8590	7100.0	99	43034	No
137	GOM_NL__2PRFIN20100524_105327_000000492089_00395_43034_1297.N1	24-MAY-2010 10:53:27	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	43034	No
138	GOM_NL__2PRFIN20100524_105528_000000492089_00395_43034_1298.N1	24-MAY-2010 10:55:28	Tw_i_and_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	43034	No
139	GOM_NL__2PRFIN20100524_105819_000000562089_00395_43034_1299.N1	24-MAY-2010 10:58:19	Bright	55.500	16	21Alp Sco	1.0200	3000.0	111	43034	No
140	GOM_NL__2PRFIN20100524_110041_000000422089_00395_43034_1300.N1	24-MAY-2010 11:00:41	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	43034	No
141	GOM_NL__2PRFIN20100524_110410_000000382089_00395_43034_1301.N1	24-MAY-2010 11:04:10	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	43034	No
142	GOM_NL__2PRFIN20100524_110554_000000452089_00395_43034_1302.N1	24-MAY-2010 11:05:54	Bright	45.000	120	1Del Oph	2.7340	3200.0	90	43034	No
143	GOM_NL__2PRFIN20100524_110858_000000392089_00395_43034_1303.N1	24-MAY-2010 11:08:58	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	43034	No
144	GOM_NL__2PRFIN20100524_111445_000000392089_00395_43034_1304.N1	24-MAY-2010 11:14:45	Bright	39.000	83		2.3780	11000.	78	43034	No
145	GOM_NL__2PRFIN20100524_112557_000000402089_00395_43034_1305.N1	24-MAY-2010 11:25:57	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43034	No
146	GOM_NL__2PRFIN20100524_112806_000000372089_00395_43034_1306.N1	24-MAY-2010 11:28:06	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	43034	No
147	GOM_NL__2PRFIN20100524_114051_000000542089_00395_43034_1307.N1	24-MAY-2010 11:40:51	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43034	No
148	GOM_NL__2PRFIN20100524_114203_000000552089_00395_43034_1308.N1	24-MAY-2010 11:42:03	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43034	No
149	GOM_NL__2PRFIN20100524_114817_000000382089_00395_43034_1309.N1	24-MAY-2010 11:48:17	Bright	38.000	53	43Bet And	2.0480	3300.0	76	43034	No
150	GOM_NL__2PRFIN20100524_115050_000000502089_00395_43034_1310.N1	24-MAY-2010 11:50:50	Tw_i_and_stray	49.500	58	21Alp And	2.0730	11000.	99	43034	No
151	GOM_NL__2PRFIN20100524_115518_000000462089_00395_43034_1311.N1	24-MAY-2010 11:55:18	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	43034	No
152	GOM_NL__2PRFIN20100524_120408_000000452089_00395_43034_1312.N1	24-MAY-2010 12:04:08	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	43034	No
153	GOM_NL__2PRFIN20100524_121539_000000522089_00395_43034_1313.N1	24-MAY-2010 12:15:39	Dark	51.500	63	Bet Gru	2.1500	2800.0	103	43034	No
154	GOM_NL__2PRFIN20100524_121721_000000442089_00396_43035_1301.N1	24-MAY-2010 12:17:21	Dark	44.000	31	Alp Gru	1.7340	15200.	88	43035	No
155	GOM_NL__2PRFIN20100524_122242_000000422089_00396_43035_1302.N1	24-MAY-2010 12:22:42	Dark	41.500	45	Alp Pav	1.9400	26000.	83	43035	No
156	GOM_NL__2PRFIN20100524_122926_000000482089_00396_43035_1303.N1	24-MAY-2010 12:29:26	Straylight	48.000	141	Bet Ara	2.8400	4600.0	96	43035	No
157	GOM_NL__2PRFIN20100524_123213_000000492089_00396_43035_1304.N1	24-MAY-2010 12:32:13	Straylight	49.000	40	The Sco	1.8590	7100.0	98	43035	No
158	GOM_NL__2PRFIN20100524_123404_000000492089_00396_43035_1305.N1	24-MAY-2010 12:34:04	Straylight	48.500	25	35Lam Sco	1.6200	28000.	97	43035	No
159	GOM_NL__2PRFIN20100524_123604_000000492089_00396_43035_1306.N1	24-MAY-2010 12:36:04	Tw_i_and_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	43035	No
160	GOM_NL__2PRFIN20100524_123855_000000602089_00396_43035_1307.N1	24-MAY-2010 12:38:55	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43035	No



161	GOM_NL__2PRFIN20100524_124118_000000412089_00396_43035_1308.N1	24-MAY-2010 12:41:18	Bright	40.500	97	8Bet1Sco	2.5610	30000.	81	43035	No
162	GOM_NL__2PRFIN20100524_124446_000000382089_00396_43035_1309.N1	24-MAY-2010 12:44:46	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	43035	No
163	GOM_NL__2PRFIN20100524_124630_000000442089_00396_43035_1310.N1	24-MAY-2010 12:46:30	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	43035	No
164	GOM_NL__2PRFIN20100524_124934_000000402089_00396_43035_1311.N1	24-MAY-2010 12:49:34	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43035	No
165	GOM_NL__2PRFIN20100524_125520_000000362089_00396_43035_1312.N1	24-MAY-2010 12:55:20	Bright	35.500	83		2.3780	11000.	71	43035	No
166	GOM_NL__2PRFIN20100524_130842_000000382089_00396_43035_1313.N1	24-MAY-2010 13:08:42	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	43035	No
167	GOM_NL__2PRFIN20100524_132127_000000542089_00396_43035_1314.N1	24-MAY-2010 13:21:27	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43035	No
168	GOM_NL__2PRFIN20100524_132239_000000552089_00396_43035_1315.N1	24-MAY-2010 13:22:39	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43035	No
169	GOM_NL__2PRFIN20100524_132853_000000392089_00396_43035_1316.N1	24-MAY-2010 13:28:53	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43035	No
170	GOM_NL__2PRFIN20100524_133126_000000492089_00396_43035_1317.N1	24-MAY-2010 13:31:26	Twi_and_stray	49.000	58	21Alp And	2.0730	11000.	98	43035	No
171	GOM_NL__2PRFIN20100524_133555_000000462089_00396_43035_1318.N1	24-MAY-2010 13:35:55	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	43035	No
172	GOM_NL__2PRFIN20100524_134445_000000462089_00396_43035_1319.N1	24-MAY-2010 13:44:45	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	43035	No
173	GOM_NL__2PRFIN20100524_135616_000000492089_00396_43035_1320.N1	24-MAY-2010 13:56:16	Dark	49.000	63	Bet Gru	2.1500	2800.0	98	43035	No
174	GOM_NL__2PRFIN20100524_135758_000000462089_00397_43036_1329.N1	24-MAY-2010 13:57:58	Dark	45.500	31	Alp Gru	1.7340	15200.	91	43036	No
175	GOM_NL__2PRFIN20100524_140318_000000472089_00397_43036_1330.N1	24-MAY-2010 14:03:18	Dark	46.500	45	Alp Pav	1.9400	26000.	93	43036	No
176	GOM_NL__2PRFIN20100524_141002_000000442089_00397_43036_1331.N1	24-MAY-2010 14:10:02	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	43036	No
177	GOM_NL__2PRFIN20100524_141250_000000502089_00397_43036_1332.N1	24-MAY-2010 14:12:50	Straylight	50.000	40	The Sco	1.8590	7100.0	100	43036	No
178	GOM_NL__2PRFIN20100524_141440_000000512089_00397_43036_1333.N1	24-MAY-2010 14:14:40	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	43036	No
179	GOM_NL__2PRFIN20100524_141641_000000502089_00397_43036_1334.N1	24-MAY-2010 14:16:41	Twi_and_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	43036	No
180	GOM_NL__2PRFIN20100524_141931_000000602089_00397_43036_1335.N1	24-MAY-2010 14:19:31	Bright	59.500	16	21Alp Sco	1.0200	3000.0	119	43036	No
181	GOM_NL__2PRFIN20100524_142153_000000422089_00397_43036_1336.N1	24-MAY-2010 14:21:53	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	43036	No
182	GOM_NL__2PRFIN20100524_142522_000000382089_00397_43036_1337.N1	24-MAY-2010 14:25:22	Bright	37.500	104	27Bet Lib	2.6140	13100.	75	43036	No
183	GOM_NL__2PRFIN20100524_142706_000000442089_00397_43036_1338.N1	24-MAY-2010 14:27:06	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	43036	No
184	GOM_NL__2PRFIN20100524_143010_000000402089_00397_43036_1339.N1	24-MAY-2010 14:30:10	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43036	No
185	GOM_NL__2PRFIN20100524_143556_000000392089_00397_43036_1340.N1	24-MAY-2010 14:35:56	Bright	38.500	83		2.3780	11000.	77	43036	No
186	GOM_NL__2PRFIN20100524_144708_000000412089_00397_43036_1341.N1	24-MAY-2010 14:47:08	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	43036	No
187	GOM_NL__2PRFIN20100524_144918_000000372089_00397_43036_1342.N1	24-MAY-2010 14:49:18	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	43036	No
188	GOM_NL__2PRFIN20100524_150203_000000362089_00397_43036_1343.N1	24-MAY-2010 15:02:03	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	43036	No
189	GOM_NL__2PRFIN20100524_150315_000000442089_00397_43036_1344.N1	24-MAY-2010 15:03:15	Bright	43.500	68	18Alp Cas	2.2250	4500.0	87	43036	No
190	GOM_NL__2PRFIN20100524_150929_000000392089_00397_43036_1345.N1	24-MAY-2010 15:09:29	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43036	No
191	GOM_NL__2PRFIN20100524_151202_000000472089_00397_43036_1346.N1	24-MAY-2010 15:12:02	Twi_and_stray	46.500	58	21Alp And	2.0730	11000.	93	43036	No
192	GOM_NL__2PRFIN20100524_151632_000000462089_00397_43036_1347.N1	24-MAY-2010 15:16:32	Dark	45.500	140	88Gam Peg	2.8340	26000.	91	43036	No
193	GOM_NL__2PRFIN20100524_152521_000000502089_00397_43036_1348.N1	24-MAY-2010 15:25:21	Dark	49.500	52	16Bet Cet	2.0370	4500.0	99	43036	No
194	GOM_NL__2PRFIN20100524_153652_000000602089_00397_43036_1349.N1	24-MAY-2010 15:36:52	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	43036	No
195	GOM_NL__2PRFIN20100524_153835_000000452089_00398_43037_1340.N1	24-MAY-2010 15:38:35	Dark	44.500	31	Alp Gru	1.7340	15200.	89	43037	No
196	GOM_NL__2PRFIN20100524_154355_000000442089_00398_43037_1341.N1	24-MAY-2010 15:43:55	Dark	43.500	45	Alp Pav	1.9400	26000.	87	43037	No
197	GOM_NL__2PRFIN20100524_155038_000000432089_00398_43037_1342.N1	24-MAY-2010 15:50:38	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	43037	No
198	GOM_NL__2PRFIN20100524_155326_000000492089_00398_43037_1343.N1	24-MAY-2010 15:53:26	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43037	No
199	GOM_NL__2PRFIN20100524_155517_000000482089_00398_43037_1344.N1	24-MAY-2010 15:55:17	Straylight	48.000	25	35Lam Sco	1.6200	28000.	96	43037	No
200	GOM_NL__2PRFIN20100524_155717_000000482089_00398_43037_1345.N1	24-MAY-2010 15:57:17	Twi_and_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	43037	No
201	GOM_NL__2PRFIN20100524_160007_000000602089_00398_43037_1346.N1	24-MAY-2010 16:00:07	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43037	No
202	GOM_NL__2PRFIN20100524_160230_000000412089_00398_43037_1347.N1	24-MAY-2010 16:02:30	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	43037	No
203	GOM_NL__2PRFIN20100524_160558_000000392089_00398_43037_1348.N1	24-MAY-2010 16:05:58	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43037	No
204	GOM_NL__2PRFIN20100524_160742_000000452089_00398_43037_1349.N1	24-MAY-2010 16:07:42	Bright	44.500	120	1Del Oph	2.7340	3200.0	89	43037	No
205	GOM_NL__2PRFIN20100524_161046_000000402089_00398_43037_1350.N1	24-MAY-2010 16:10:46	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43037	No
206	GOM_NL__2PRFIN20100524_162743_000000422089_00398_43037_1351.N1	24-MAY-2010 16:27:43	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	43037	No
207	GOM_NL__2PRFIN20100524_162954_000000382089_00398_43037_1352.N1	24-MAY-2010 16:29:54	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	43037	No
208	GOM_NL__2PRFIN20100524_164239_000000542089_00398_43037_1353.N1	24-MAY-2010 16:42:39	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43037	No
209	GOM_NL__2PRFIN20100524_164351_000000552089_00398_43037_1354.N1	24-MAY-2010 16:43:51	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	43037	No
210	GOM_NL__2PRFIN20100524_165005_000000392089_00398_43037_1355.N1	24-MAY-2010 16:50:05	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43037	No
211	GOM_NL__2PRFIN20100524_165238_000000502089_00398_43037_1356.N1	24-MAY-2010 16:52:38	Twi_and_stray	49.500	58	21Alp And	2.0730	11000.	99	43037	No
212	GOM_NL__2PRFIN20100524_165708_000000472089_00398_43037_1357.N1	24-MAY-2010 16:57:08	Dark	46.500	140	88Gam Peg	2.8340	26000.	93	43037	No
213	GOM_NL__2PRFIN20100524_170558_000000482089_00398_43037_1358.N1	24-MAY-2010 17:05:58	Dark	48.000	52	16Bet Cet	2.0370	4500.0	96	43037	No
214	GOM_NL__2PRFIN20100524_171729_000000602089_00398_43037_1359.N1	24-MAY-2010 17:17:29	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	43037	No
215	GOM_NL__2PRFIN20100524_171912_000000442089_00399_43038_1348.N1	24-MAY-2010 17:19:12	Dark	43.500	31	Alp Gru	1.7340	15200.	87	43038	No
216	GOM_NL__2PRFIN20100524_172432_000000422089_00399_43038_1349.N1	24-MAY-2010 17:24:32	Dark	42.000	45	Alp Pav	1.9400	26000.	84	43038	No
217	GOM_NL__2PRFIN20100524_173115_000000422089_00399_43038_1350.N1	24-MAY-2010 17:31:15	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	43038	No
218	GOM_NL__2PRFIN20100524_173403_000000502089_00399_43038_1351.N1	24-MAY-2010 17:34:03	Straylight	49.500	40	The Sco	1.8590	7100.0	99	43038	No
219	GOM_NL__2PRFIN20100524_173553_000000502089_00399_43038_1352.N1	24-MAY-2010 17:35:53	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	43038	No

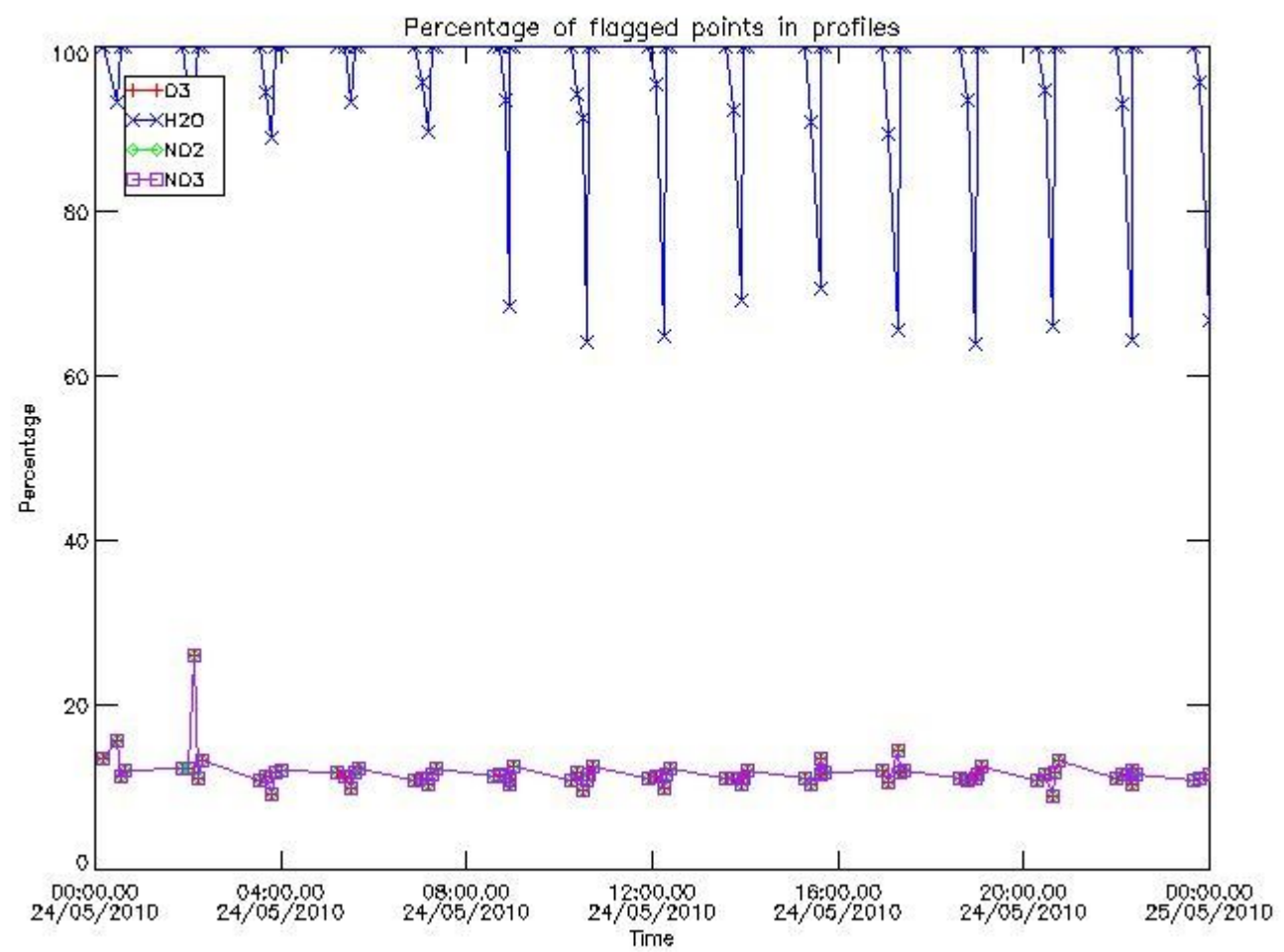
220	GOM_NL__2PRFIN20100524_173753_000000492089_00399_43038_1353.N1	24-MAY-2010 17:37:53	Twilight	48.500	75	26Eps Sco	2.2910	4250.0	97	43038	No
221	GOM_NL__2PRFIN20100524_174043_000000602089_00399_43038_1354.N1	24-MAY-2010 17:40:43	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43038	No
222	GOM_NL__2PRFIN20100524_174306_000000412089_00399_43038_1355.N1	24-MAY-2010 17:43:06	Bright	41.000	97	8Bet1Sco	2.5610	30000.	82	43038	No
223	GOM_NL__2PRFIN20100524_174634_000000392089_00399_43038_1356.N1	24-MAY-2010 17:46:34	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43038	No
224	GOM_NL__2PRFIN20100524_174818_000000442089_00399_43038_1357.N1	24-MAY-2010 17:48:18	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	43038	No
225	GOM_NL__2PRFIN20100524_175122_000000402089_00399_43038_1358.N1	24-MAY-2010 17:51:22	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43038	No
226	GOM_NL__2PRFIN20100524_175708_000000402089_00399_43038_1359.N1	24-MAY-2010 17:57:08	Bright	40.000	83		2.3780	11000.	80	43038	No
227	GOM_NL__2PRFIN20100524_180819_000000402089_00399_43038_1360.N1	24-MAY-2010 18:08:19	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	43038	No
228	GOM_NL__2PRFIN20100524_181030_000000352089_00399_43038_1361.N1	24-MAY-2010 18:10:30	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	43038	No
229	GOM_NL__2PRFIN20100524_182315_000000542089_00399_43038_1362.N1	24-MAY-2010 18:23:15	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43038	No
230	GOM_NL__2PRFIN20100524_182427_000000532089_00399_43038_1363.N1	24-MAY-2010 18:24:27	Bright	53.000	68	18Alp Cas	2.2250	4500.0	106	43038	No
231	GOM_NL__2PRFIN20100524_183041_000000392089_00399_43038_1364.N1	24-MAY-2010 18:30:41	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43038	No
232	GOM_NL__2PRFIN20100524_183314_000000482089_00399_43038_1365.N1	24-MAY-2010 18:33:14	Twilight	47.500	58	21Alp And	2.0730	11000.	95	43038	No
233	GOM_NL__2PRFIN20100524_183744_000000462089_00399_43038_1366.N1	24-MAY-2010 18:37:44	Dark	46.000	140	88Gam Peg	2.8340	26000.	92	43038	No
234	GOM_NL__2PRFIN20100524_184634_000000472089_00399_43038_1367.N1	24-MAY-2010 18:46:34	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	43038	No
235	GOM_NL__2PRFIN20100524_185806_000000462089_00399_43038_1368.N1	24-MAY-2010 18:58:06	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	43038	No
236	GOM_NL__2PRFIN20100524_185948_000000492089_00400_43039_1356.N1	24-MAY-2010 18:59:48	Dark	48.500	31	Alp Gru	1.7340	15200.	97	43039	No
237	GOM_NL__2PRFIN20100524_190509_000000412089_00400_43039_1357.N1	24-MAY-2010 19:05:09	Dark	41.000	45	Alp Pav	1.9400	26000.	82	43039	No
238	GOM_NL__2PRFIN20100524_191151_000000472089_00400_43039_1358.N1	24-MAY-2010 19:11:51	Straylight	47.000	141	Bet Ara	2.8400	4600.0	94	43039	No
239	GOM_NL__2PRFIN20100524_191439_000000492089_00400_43039_1359.N1	24-MAY-2010 19:14:39	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43039	No
240	GOM_NL__2PRFIN20100524_191630_000000542089_00400_43039_1360.N1	24-MAY-2010 19:16:30	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	43039	No
241	GOM_NL__2PRFIN20100524_191830_000000492089_00400_43039_1361.N1	24-MAY-2010 19:18:30	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	43039	No
242	GOM_NL__2PRFIN20100524_192120_000000542089_00400_43039_1362.N1	24-MAY-2010 19:21:20	Bright	54.000	16	21Alp Sco	1.0200	3000.0	108	43039	No
243	GOM_NL__2PRFIN20100524_192342_000000422089_00400_43039_1363.N1	24-MAY-2010 19:23:42	Bright	41.500	97	8Bet1Sco	2.5610	30000.	83	43039	No
244	GOM_NL__2PRFIN20100524_192710_000000382089_00400_43039_1364.N1	24-MAY-2010 19:27:10	Bright	38.000	104	27Bet Lib	2.6140	13100.	76	43039	No
245	GOM_NL__2PRFIN20100524_192854_000000442089_00400_43039_1365.N1	24-MAY-2010 19:28:54	Bright	43.500	120	1Del Oph	2.7340	3200.0	87	43039	No
246	GOM_NL__2PRFIN20100524_193157_000000402089_00400_43039_1366.N1	24-MAY-2010 19:31:57	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43039	No
247	GOM_NL__2PRFIN20100524_193744_000000362089_00400_43039_1367.N1	24-MAY-2010 19:37:44	Bright	35.500	83		2.3780	11000.	71	43039	No
248	GOM_NL__2PRFIN20100524_194855_000000412089_00400_43039_1368.N1	24-MAY-2010 19:48:55	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	43039	No
249	GOM_NL__2PRFIN20100524_195106_000000382089_00400_43039_1369.N1	24-MAY-2010 19:51:06	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	43039	No
250	GOM_NL__2PRFIN20100524_200351_000000422089_00400_43039_1370.N1	24-MAY-2010 20:03:51	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	43039	No
251	GOM_NL__2PRFIN20100524_200503_000000362089_00400_43039_1371.N1	24-MAY-2010 20:05:03	Bright	35.500	68	18Alp Cas	2.2250	4500.0	71	43039	No
252	GOM_NL__2PRFIN20100524_201117_000000392089_00400_43039_1372.N1	24-MAY-2010 20:11:17	Bright	39.000	53	43Bet And	2.0480	3300.0	78	43039	No
253	GOM_NL__2PRFIN20100524_201350_000000482089_00400_43039_1373.N1	24-MAY-2010 20:13:50	Twilight	48.000	58	21Alp And	2.0730	11000.	96	43039	No
254	GOM_NL__2PRFIN20100524_201820_000000472089_00400_43039_1374.N1	24-MAY-2010 20:18:20	Dark	47.000	140	88Gam Peg	2.8340	26000.	94	43039	No
255	GOM_NL__2PRFIN20100524_202710_000000492089_00400_43039_1375.N1	24-MAY-2010 20:27:10	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	43039	No
256	GOM_NL__2PRFIN20100524_203842_000000572089_00400_43039_1376.N1	24-MAY-2010 20:38:42	Dark	56.500	63	Bet Gru	2.1500	2800.0	113	43039	No
257	GOM_NL__2PRFIN20100524_204025_000000442089_00401_43040_1364.N1	24-MAY-2010 20:40:25	Dark	43.500	31	Alp Gru	1.7340	15200.	87	43040	No
258	GOM_NL__2PRFIN20100524_204545_000000432089_00401_43040_1365.N1	24-MAY-2010 20:45:45	Dark	42.500	45	Alp Pav	1.9400	26000.	85	43040	No
259	GOM_NL__2PRFIN20100524_205228_000000462089_00401_43040_1366.N1	24-MAY-2010 20:52:28	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	43040	No
260	GOM_NL__2PRFIN20100524_205516_000000492089_00401_43040_1367.N1	24-MAY-2010 20:55:16	Straylight	48.500	40	The Sco	1.8590	7100.0	97	43040	No
261	GOM_NL__2PRFIN20100524_205706_000000502089_00401_43040_1368.N1	24-MAY-2010 20:57:06	Straylight	49.500	25	35Lam Sco	1.6200	28000.	99	43040	No
262	GOM_NL__2PRFIN20100524_205906_000000502089_00401_43040_1369.N1	24-MAY-2010 20:59:06	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	43040	No
263	GOM_NL__2PRFIN20100524_210156_000000602089_00401_43040_1370.N1	24-MAY-2010 21:01:56	Bright	60.000	16	21Alp Sco	1.0200	3000.0	120	43040	No
264	GOM_NL__2PRFIN20100524_210418_000000472089_00401_43040_1371.N1	24-MAY-2010 21:04:18	Bright	47.000	97	8Bet1Sco	2.5610	30000.	94	43040	No
265	GOM_NL__2PRFIN20100524_210746_000000392089_00401_43040_1372.N1	24-MAY-2010 21:07:46	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	43040	No
266	GOM_NL__2PRFIN20100524_210930_000000442089_00401_43040_1373.N1	24-MAY-2010 21:09:30	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43040	No
267	GOM_NL__2PRFIN20100524_211233_000000402089_00401_43040_1374.N1	24-MAY-2010 21:12:33	Bright	40.000	102	24Alp Ser	2.6000	4250.0	80	43040	No
268	GOM_NL__2PRFIN20100524_211820_000000402089_00401_43040_1375.N1	24-MAY-2010 21:18:20	Bright	40.000	83		2.3780	11000.	80	43040	No
269	GOM_NL__2PRFIN20100524_212930_000000582089_00401_43040_1376.N1	24-MAY-2010 21:29:30	Bright	58.000	119	14Eta Dra	2.7270	4700.0	116	43040	No
270	GOM_NL__2PRFIN20100524_213142_000000402089_00401_43040_1377.N1	24-MAY-2010 21:31:42	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	43040	No
271	GOM_NL__2PRFIN20100524_214427_000000362089_00401_43040_1378.N1	24-MAY-2010 21:44:27	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	43040	No
272	GOM_NL__2PRFIN20100524_214538_000000392089_00401_43040_1379.N1	24-MAY-2010 21:45:38	Bright	38.500	68	18Alp Cas	2.2250	4500.0	77	43040	No
273	GOM_NL__2PRFIN20100524_215153_000000392089_00401_43040_1380.N1	24-MAY-2010 21:51:53	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43040	No
274	GOM_NL__2PRFIN20100524_215426_000000512089_00401_43040_1381.N1	24-MAY-2010 21:54:26	Twilight	51.000	58	21Alp And	2.0730	11000.	102	43040	No
275	GOM_NL__2PRFIN20100524_215857_000000452089_00401_43040_1382.N1	24-MAY-2010 21:58:57	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	43040	No
276	GOM_NL__2PRFIN20100524_220747_000000442089_00401_43040_1383.N1	24-MAY-2010 22:07:47	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	43040	No
277	GOM_NL__2PRFIN20100524_221919_000000502089_00401_43040_1384.N1	24-MAY-2010 22:19:19	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	43040	No
278	GOM_NL__2PRFIN20100524_222102_000000432089_00402_43041_1372.N1	24-MAY-2010 22:21:02	Dark	42.500	31	Alp Gru	1.7340	15200.	85	43041	No

279	GOM_NL__2PRFIN20100524_222622_000000452089_00402_43041_1373.N1	24-MAY-2010 22:26:22	Dark	44.500	45	Alp Pav	1.9400	26000.	89	43041	No
280	GOM_NL__2PRFIN20100524_223304_000000432089_00402_43041_1374.N1	24-MAY-2010 22:33:04	Straylight	42.500	141	Bet Ara	2.8400	4600.0	85	43041	No
281	GOM_NL__2PRFIN20100524_223552_000000482089_00402_43041_1375.N1	24-MAY-2010 22:35:52	Straylight	47.500	40	The Sco	1.8590	7100.0	95	43041	No
282	GOM_NL__2PRFIN20100524_223742_000000482089_00402_43041_1376.N1	24-MAY-2010 22:37:42	Straylight	47.500	25	35Lam Sco	1.6200	28000.	95	43041	No
283	GOM_NL__2PRFIN20100524_223942_000000472089_00402_43041_1377.N1	24-MAY-2010 22:39:42	Tw_i_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	43041	No
284	GOM_NL__2PRFIN20100524_224232_000000592089_00402_43041_1378.N1	24-MAY-2010 22:42:32	Bright	59.000	16	21Alp Sco	1.0200	3000.0	118	43041	No
285	GOM_NL__2PRFIN20100524_224454_000000432089_00402_43041_1379.N1	24-MAY-2010 22:44:54	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	43041	No
286	GOM_NL__2PRFIN20100524_224822_000000392089_00402_43041_1380.N1	24-MAY-2010 22:48:22	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	43041	No
287	GOM_NL__2PRFIN20100524_225005_000000442089_00402_43041_1381.N1	24-MAY-2010 22:50:05	Bright	44.000	120	1Del Oph	2.7340	3200.0	88	43041	No
288	GOM_NL__2PRFIN20100524_225309_000000402089_00402_43041_1382.N1	24-MAY-2010 22:53:09	Bright	39.500	102	24Alp Ser	2.6000	4250.0	79	43041	No
289	GOM_NL__2PRFIN20100524_225856_000000402089_00402_43041_1383.N1	24-MAY-2010 22:58:56	Bright	39.500	83		2.3780	11000.	79	43041	No
290	GOM_NL__2PRFIN20100524_231006_000000412089_00402_43041_1384.N1	24-MAY-2010 23:10:06	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	43041	No
291	GOM_NL__2PRFIN20100524_231218_000000392089_00402_43041_1385.N1	24-MAY-2010 23:12:18	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	43041	No
292	GOM_NL__2PRFIN20100524_232503_000000542089_00402_43041_1386.N1	24-MAY-2010 23:25:03	Bright	54.000	76	27Gam Cas	2.3000	30000.	108	43041	No
293	GOM_NL__2PRFIN20100524_232614_000000382089_00402_43041_1387.N1	24-MAY-2010 23:26:14	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	43041	No
294	GOM_NL__2PRFIN20100524_233229_000000392089_00402_43041_1388.N1	24-MAY-2010 23:32:29	Bright	38.500	53	43Bet And	2.0480	3300.0	77	43041	No
295	GOM_NL__2PRFIN20100524_233502_000000482089_00402_43041_1389.N1	24-MAY-2010 23:35:02	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	43041	No
296	GOM_NL__2PRFIN20100524_233933_000000482089_00402_43041_1390.N1	24-MAY-2010 23:39:33	Dark	47.500	140	88Gam Peg	2.8340	26000.	95	43041	No
297	GOM_NL__2PRFIN20100524_234823_000000462089_00402_43041_1391.N1	24-MAY-2010 23:48:23	Dark	46.000	52	16Bet Cet	2.0370	4500.0	92	43041	No
298	GOM_NL__2PRFIN20100524_235956_000000492089_00402_43041_1392.N1	24-MAY-2010 23:59:56	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	43041	No

### *3. Quality information per product*

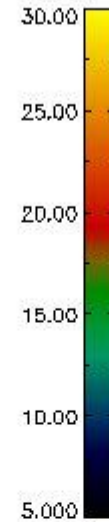
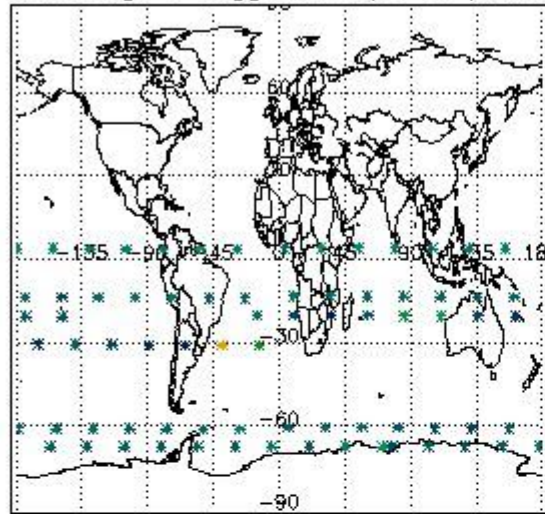
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### *3.1 Plot quality information per product (time dependant)*

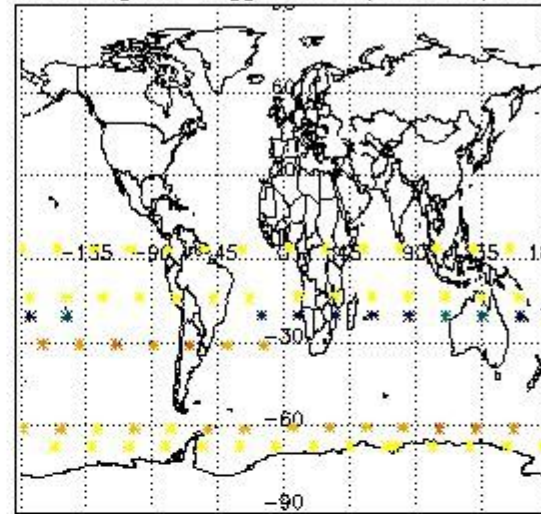


3.2 Plot quality information per product (world map)

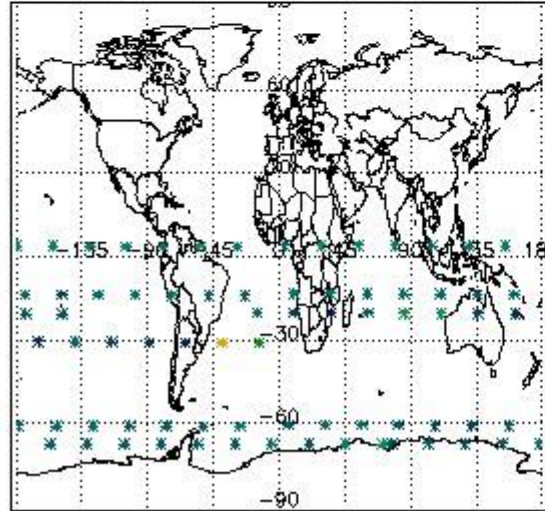
Percentage of flagged data per O3 profile



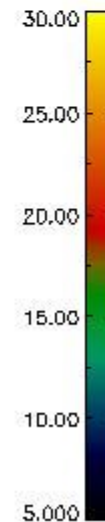
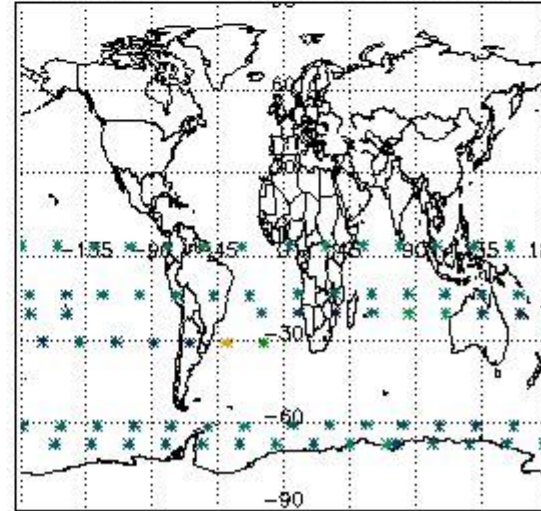
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

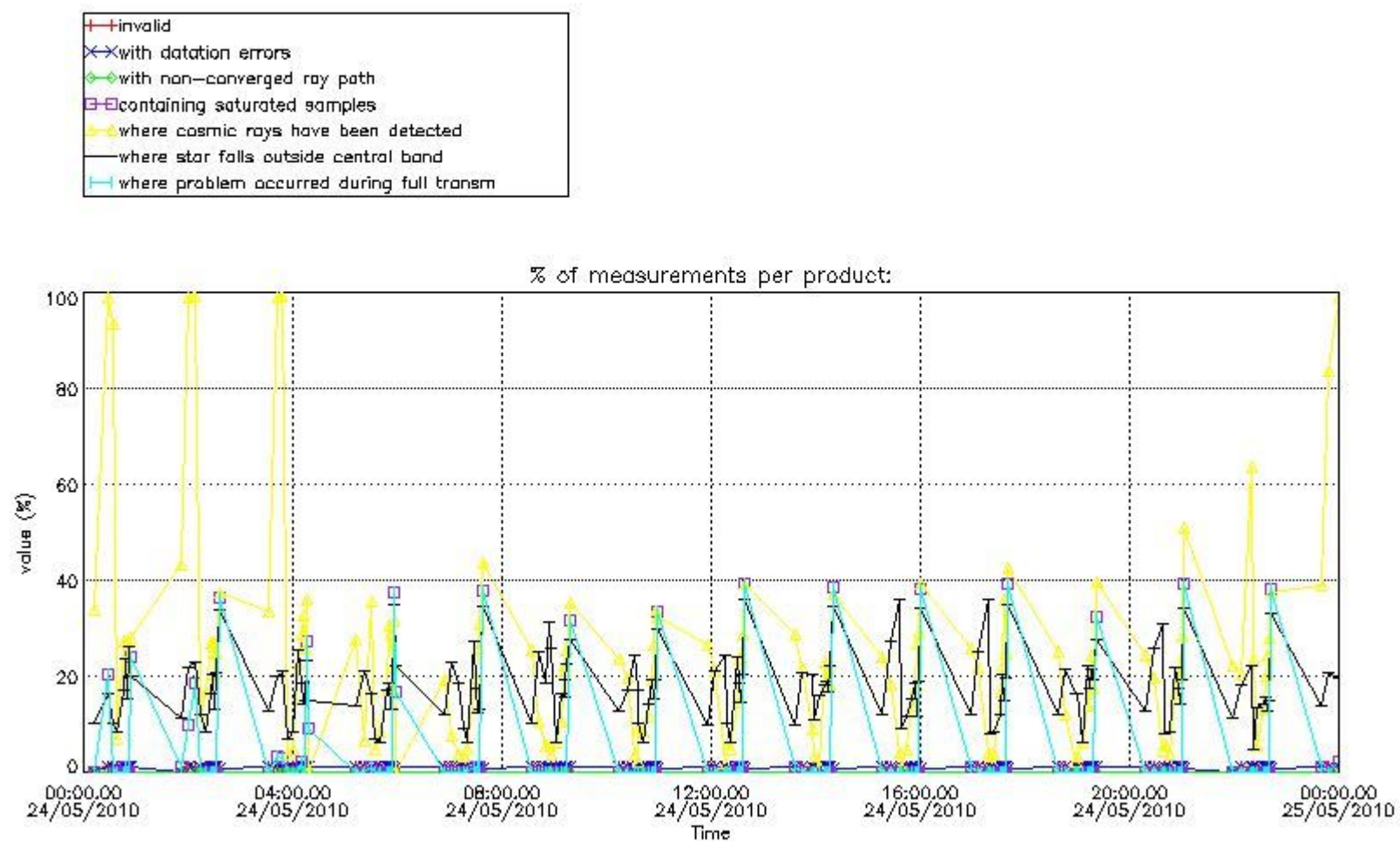


#### 4. Level 1 quality information per product

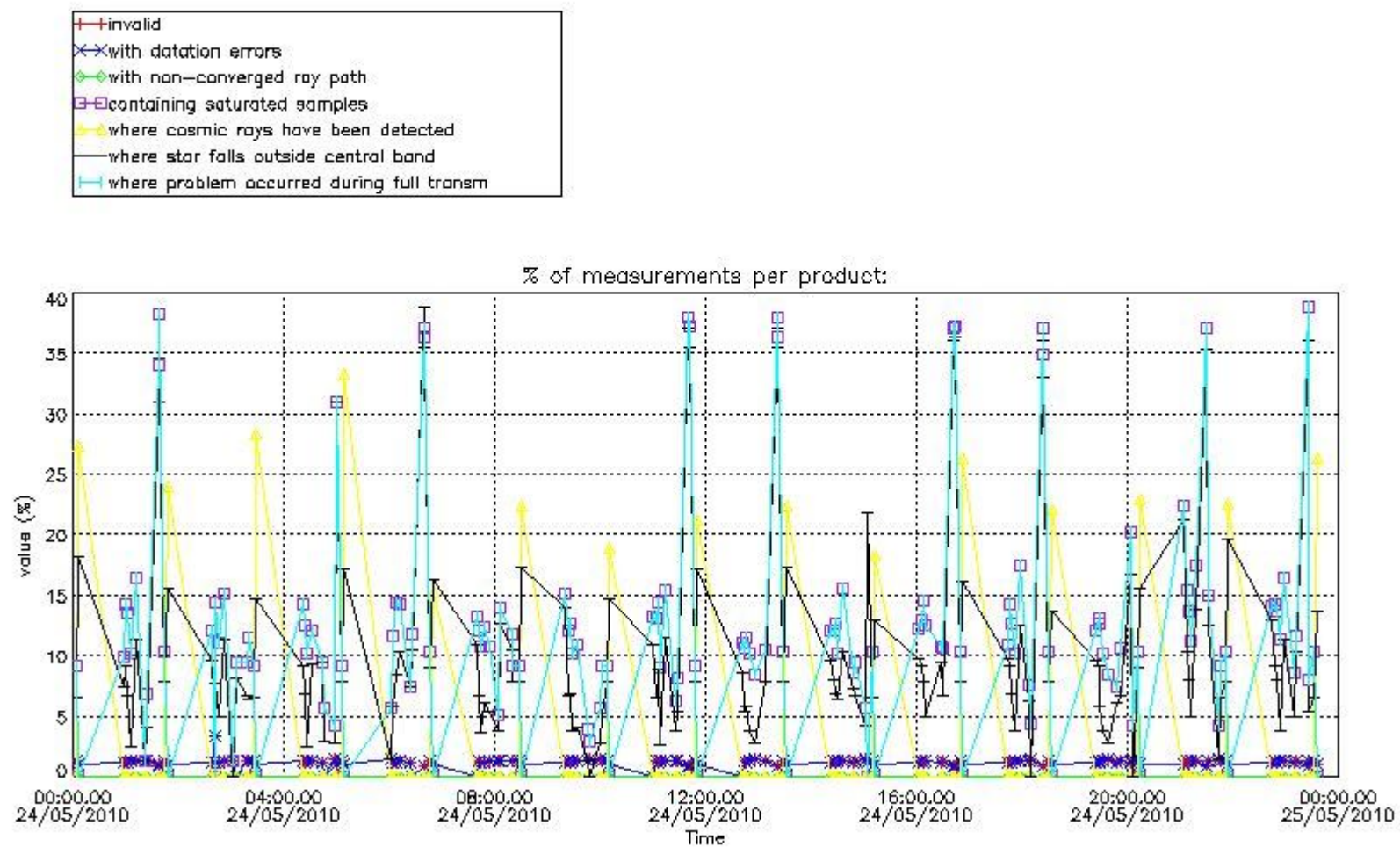
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



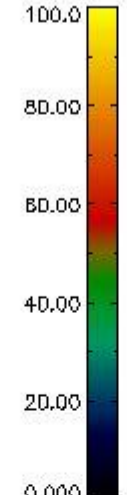
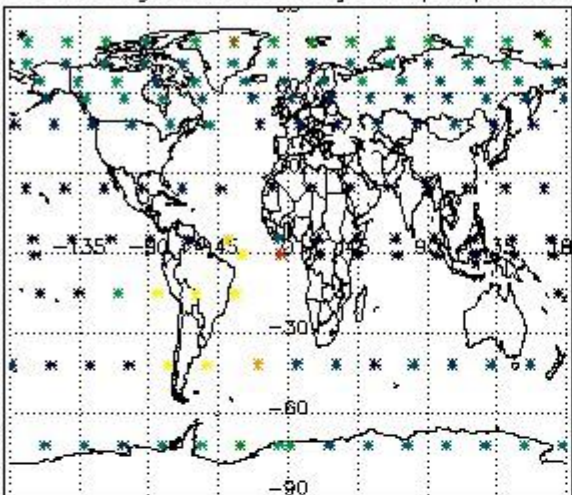
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



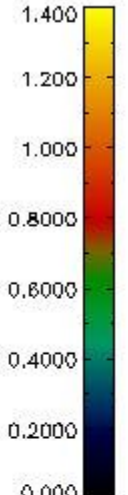
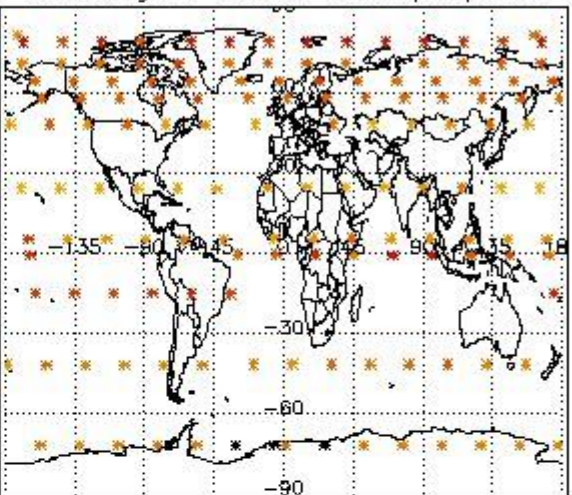
4.2 Plot quality information per product coming from level 1b processing (world map)

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

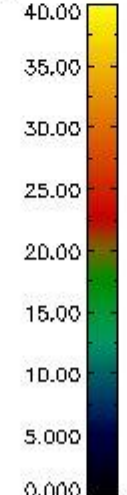
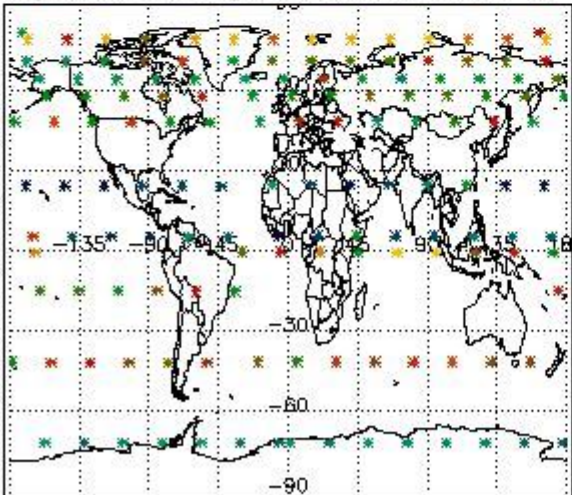
Percentage of cosmic ray hits per profile



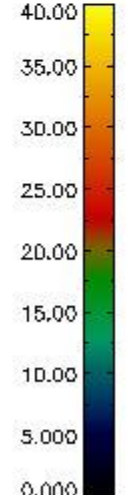
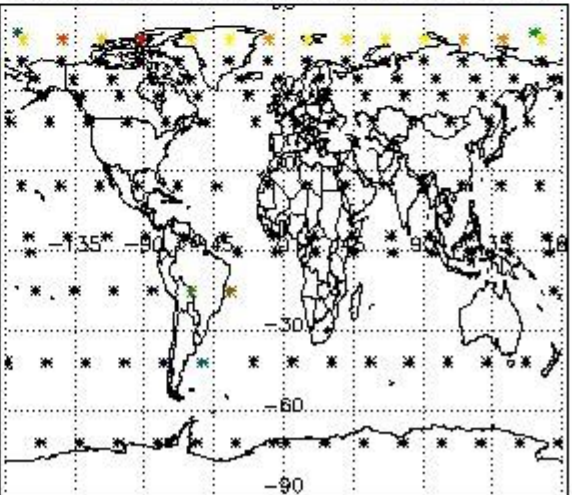
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

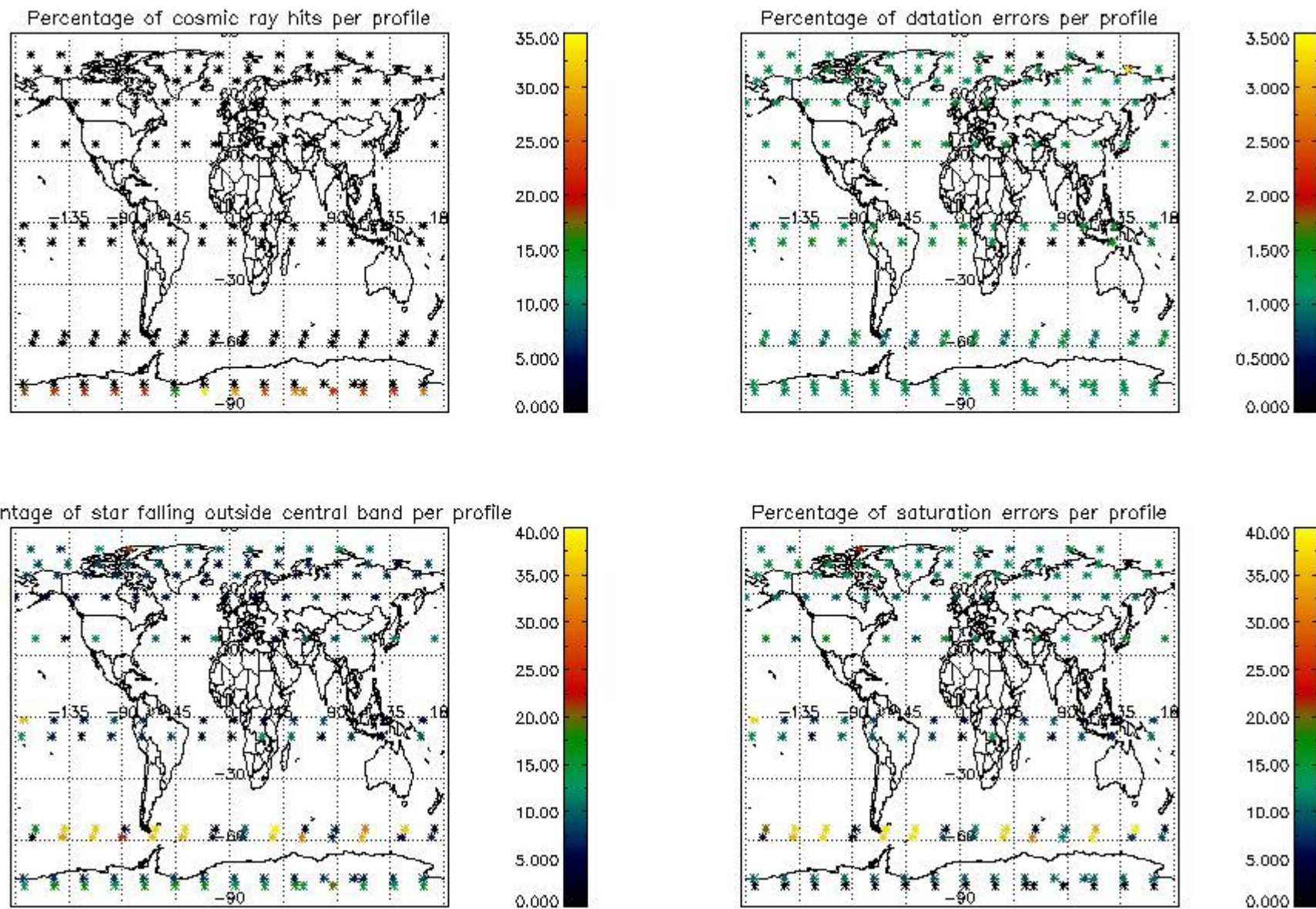


Percentage of saturation errors per profile



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

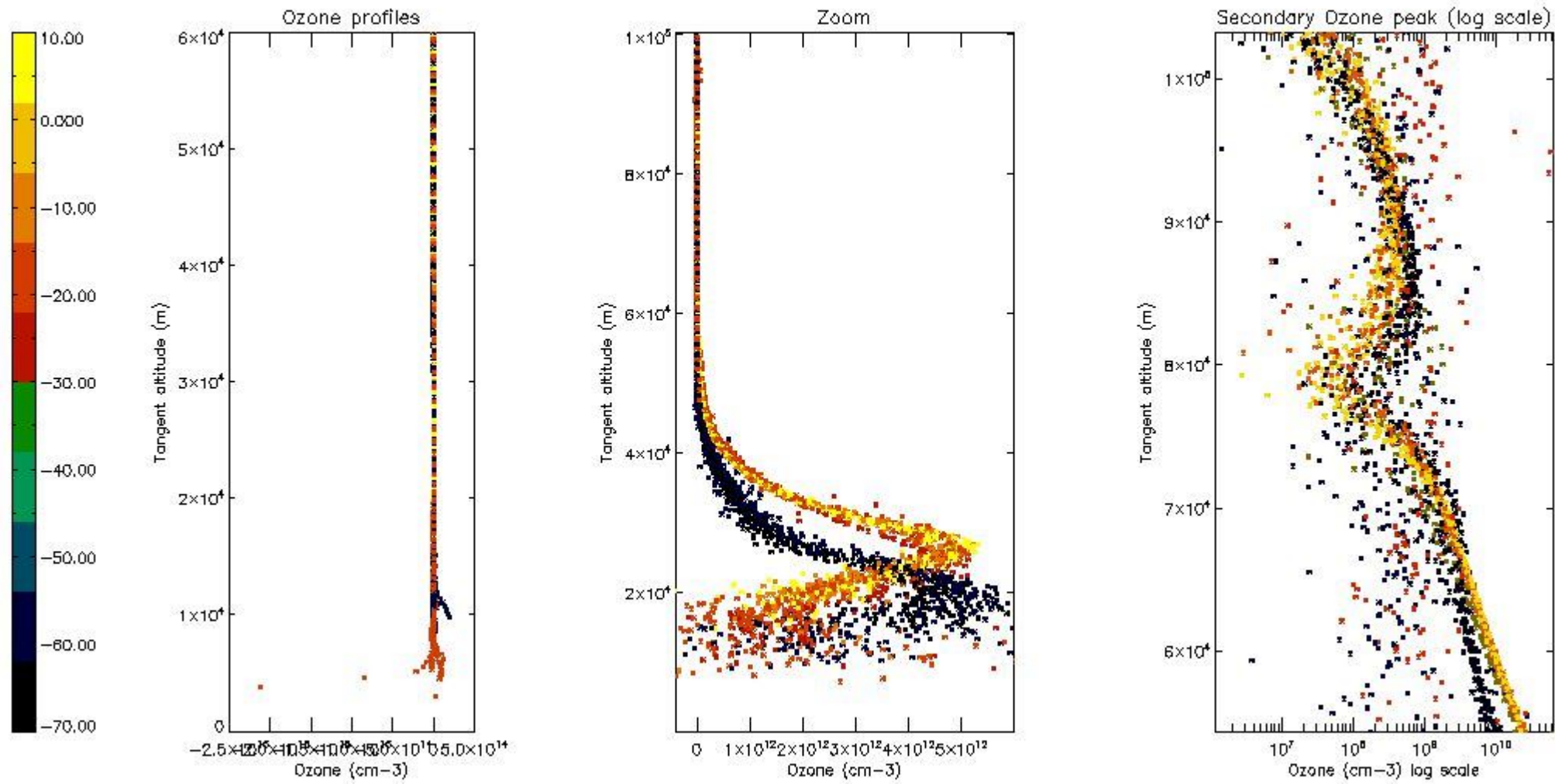
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	14

STD < 10	10
STD < 5	7

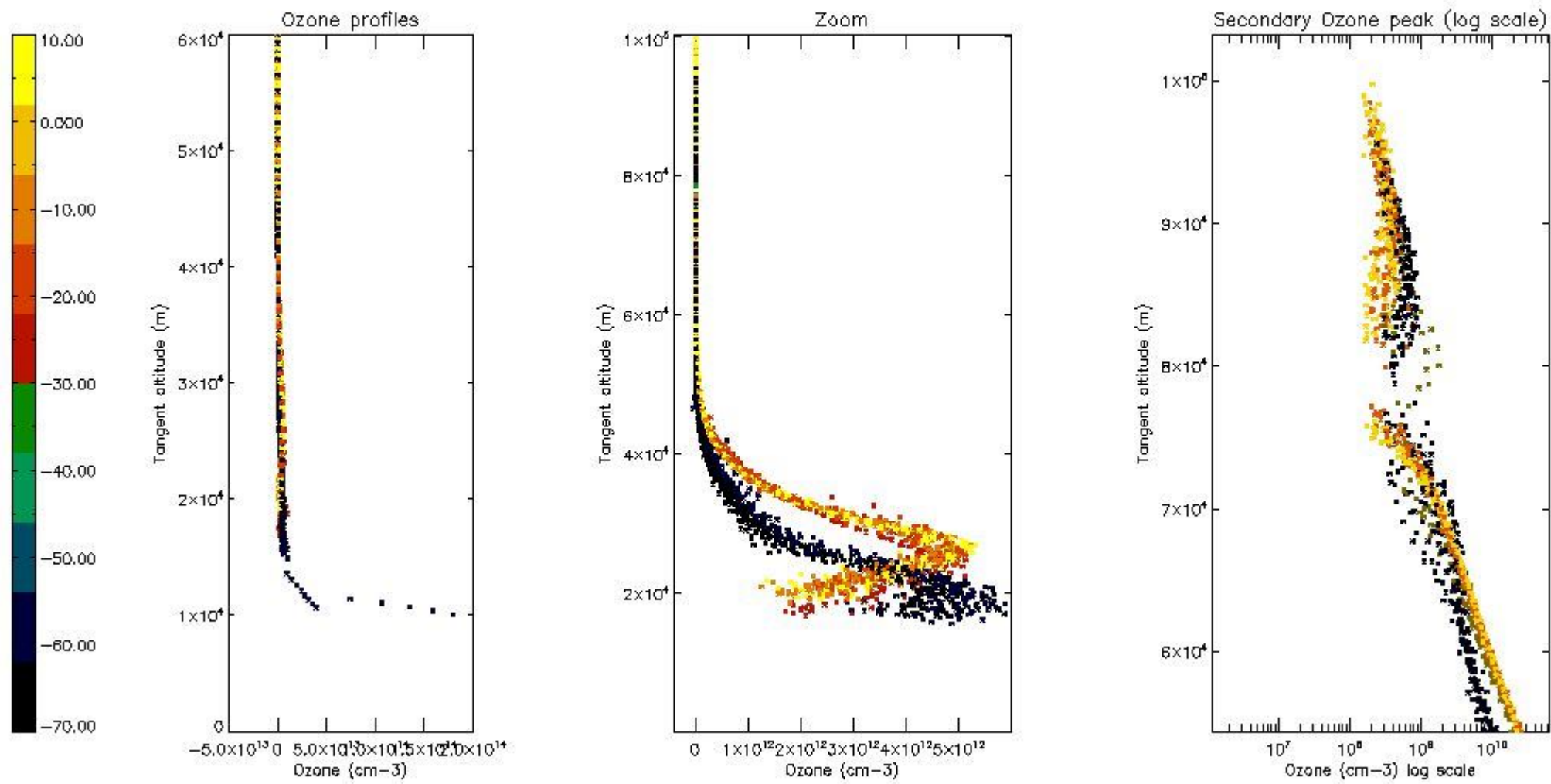
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



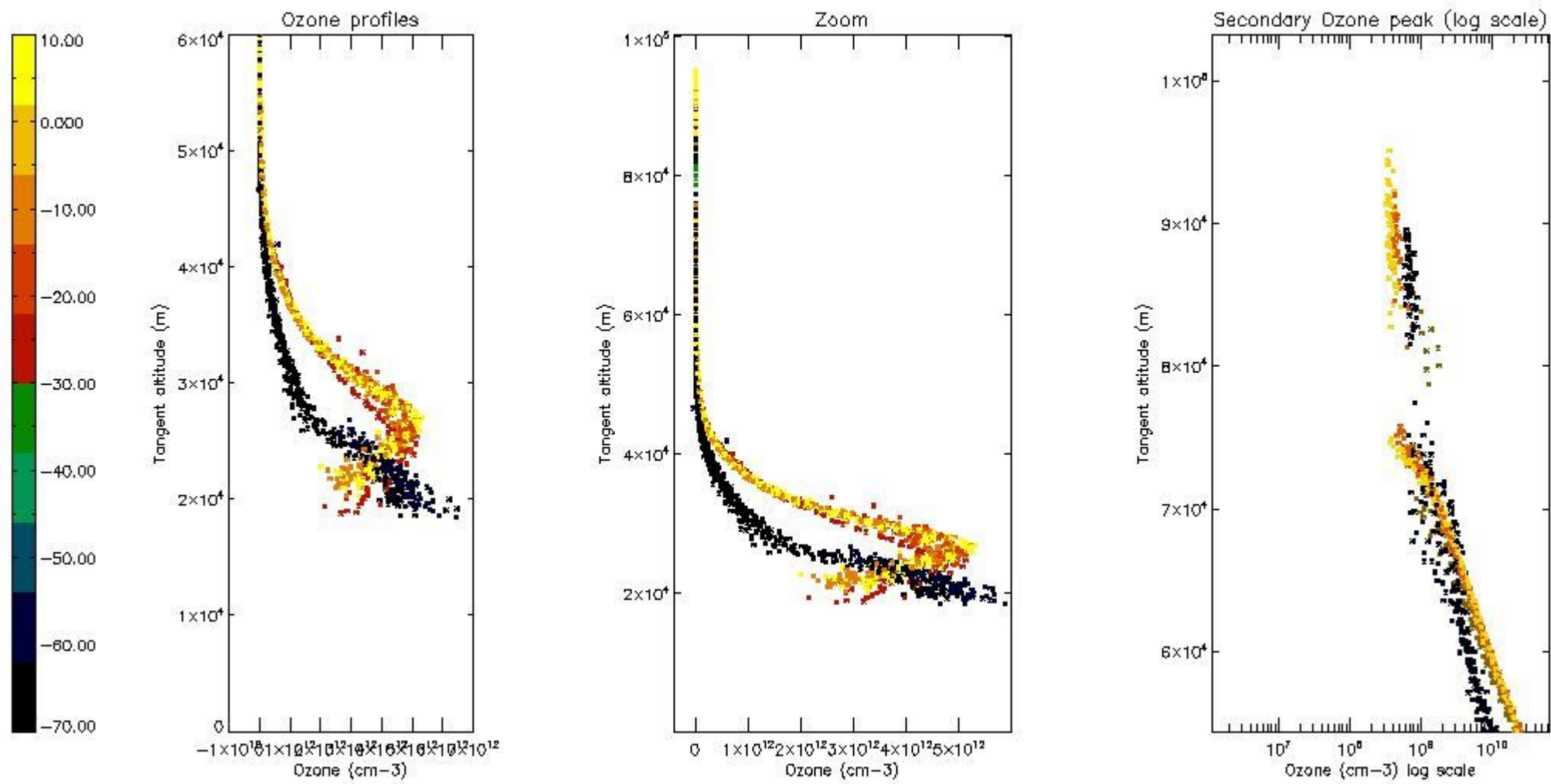
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



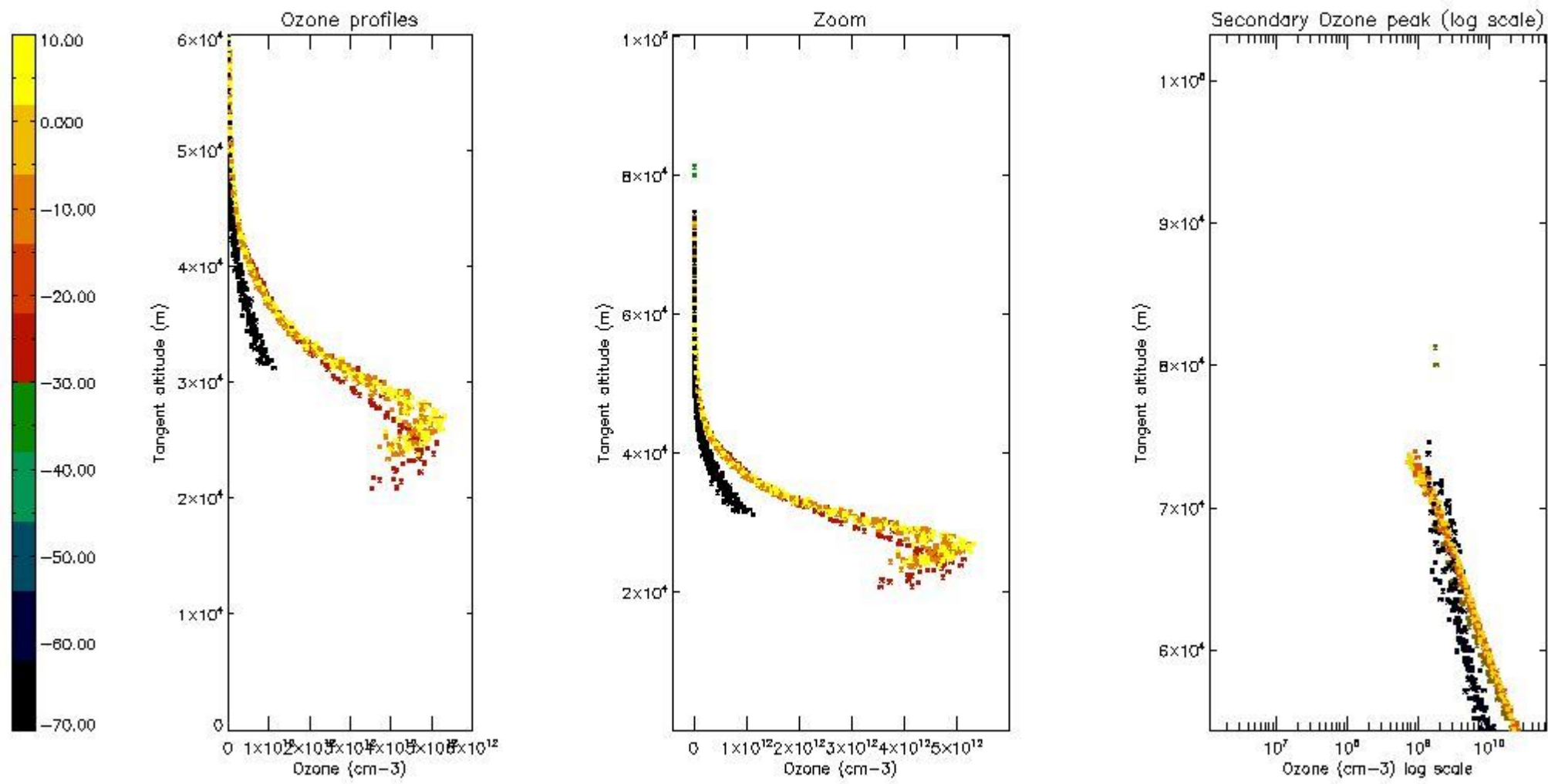
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



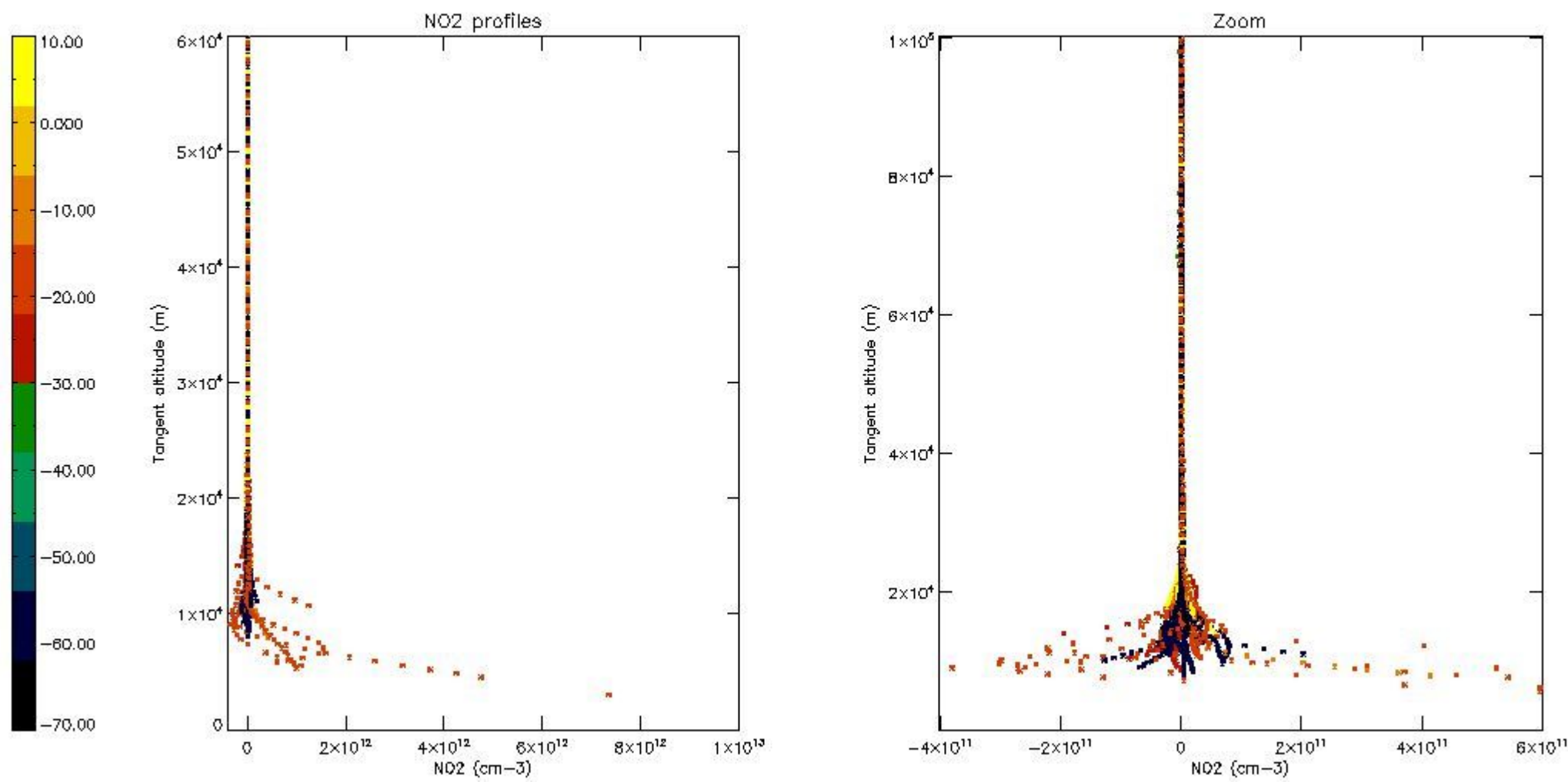
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



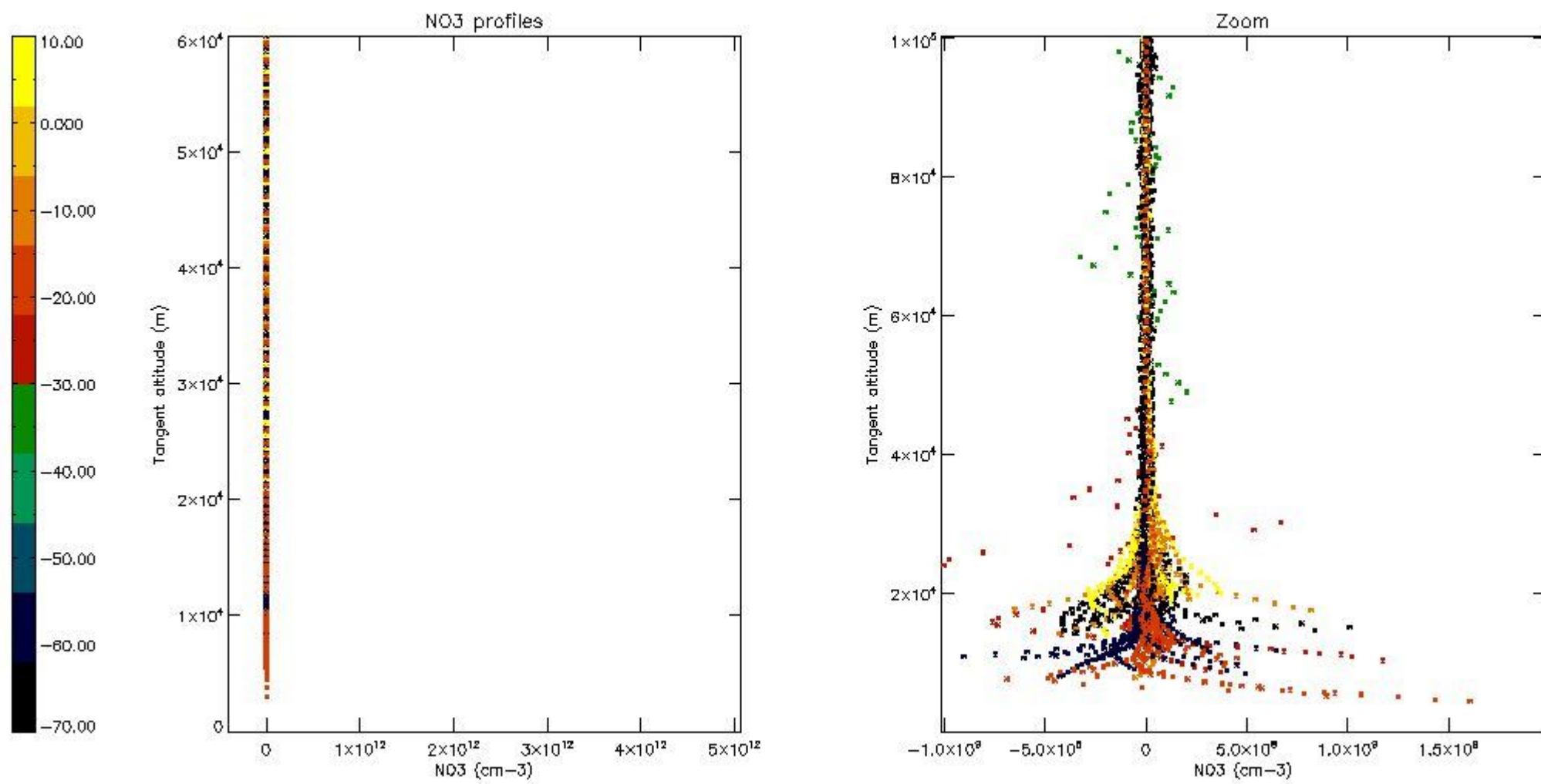
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



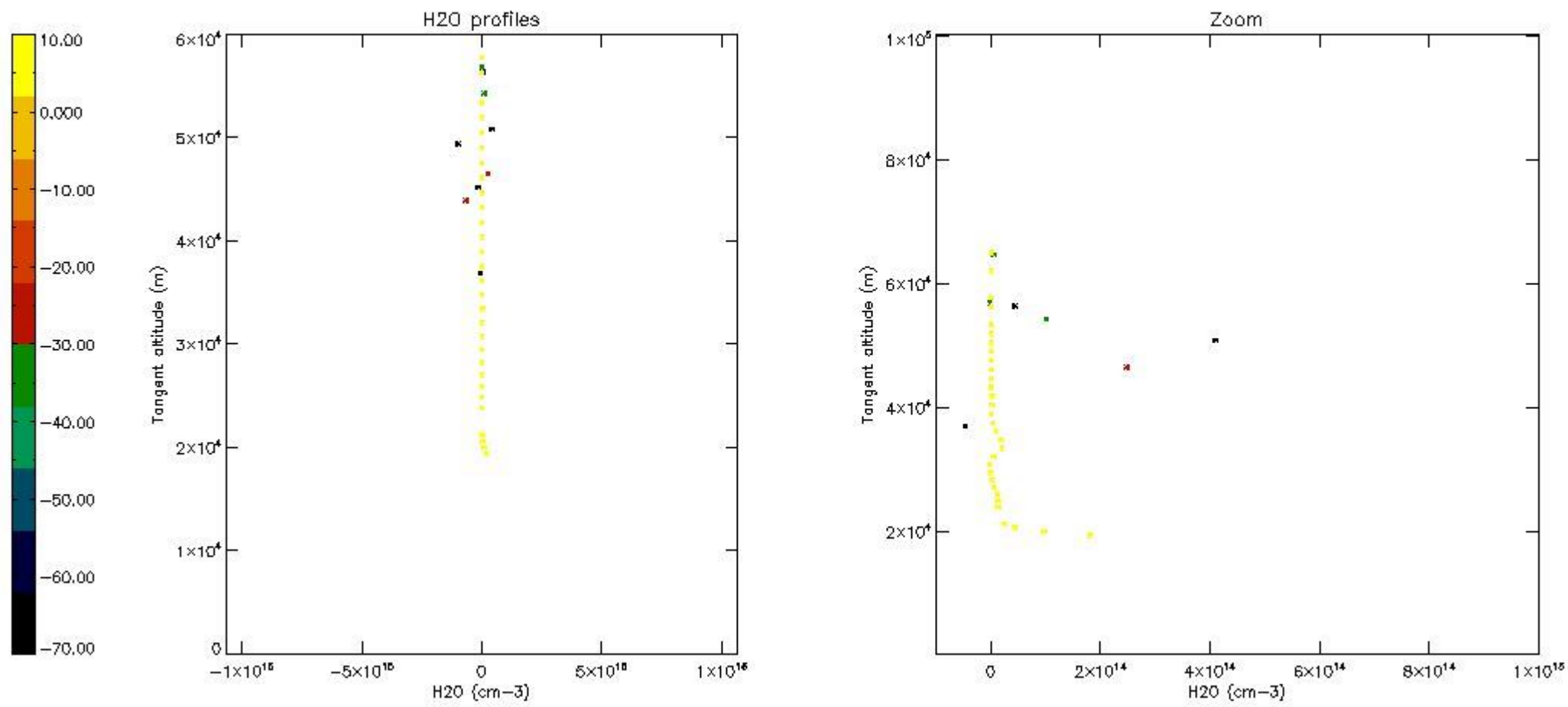
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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.

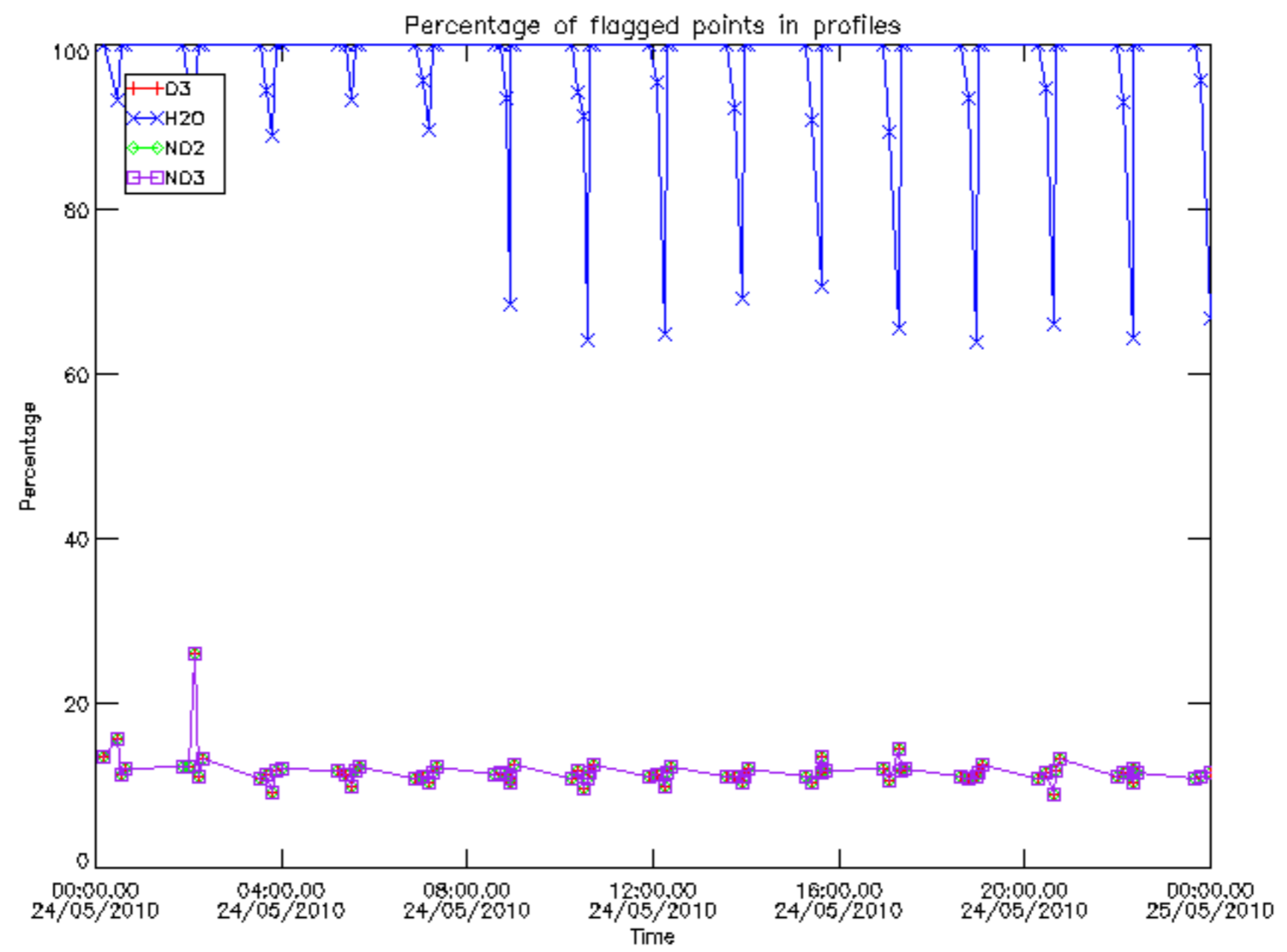


## 6. Auxiliary Data Files used for the production reported in section 2

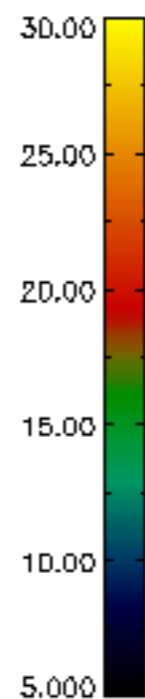
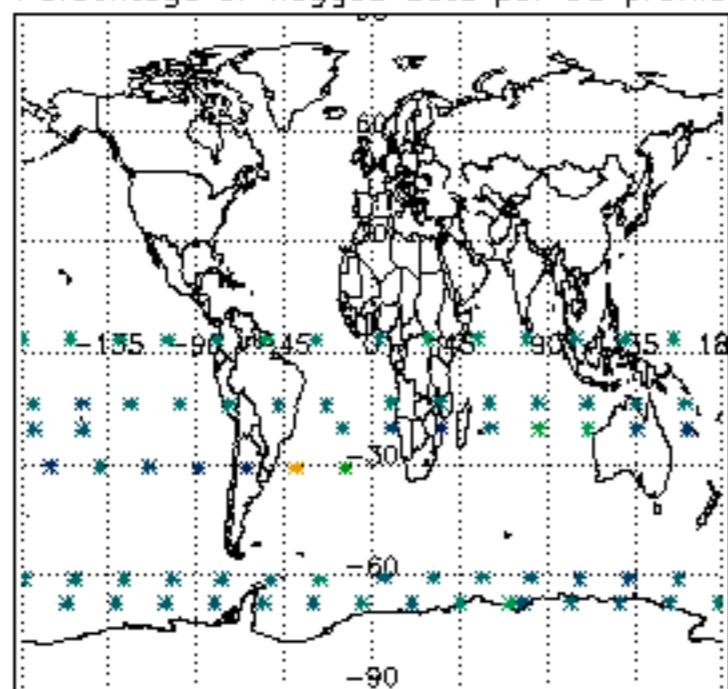
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-MAY-2010 00:04:05
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-MAY-2010 00:04:05
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-MAY-2010 00:04:05

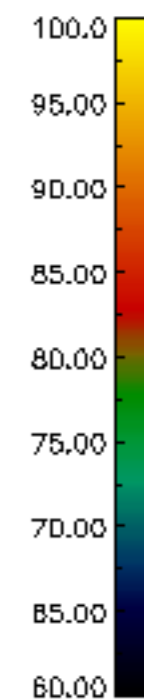
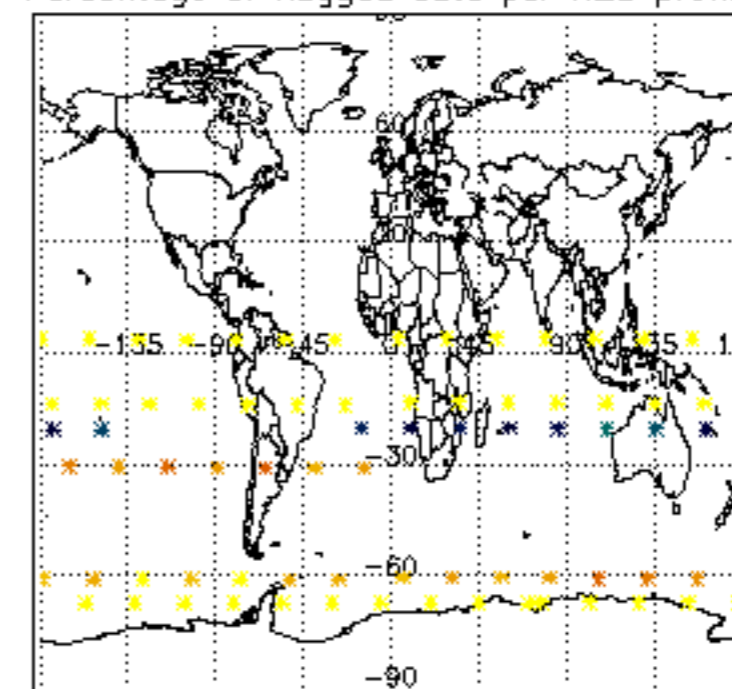




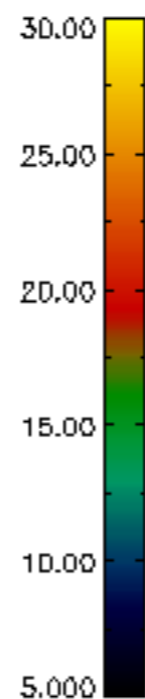
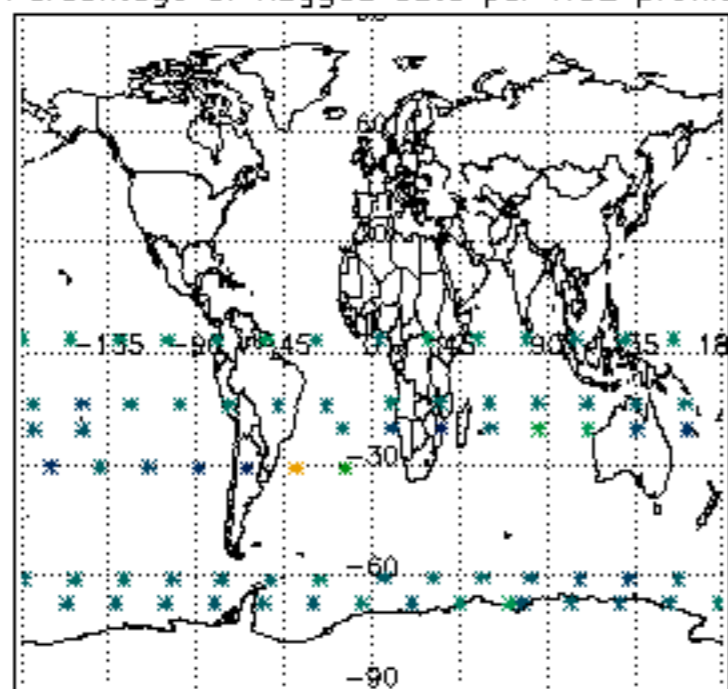
Percentage of flagged data per D3 profile



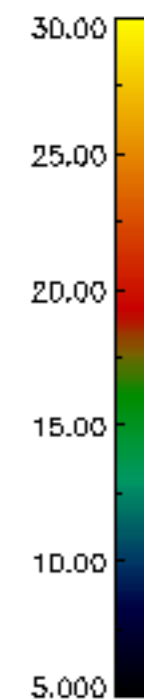
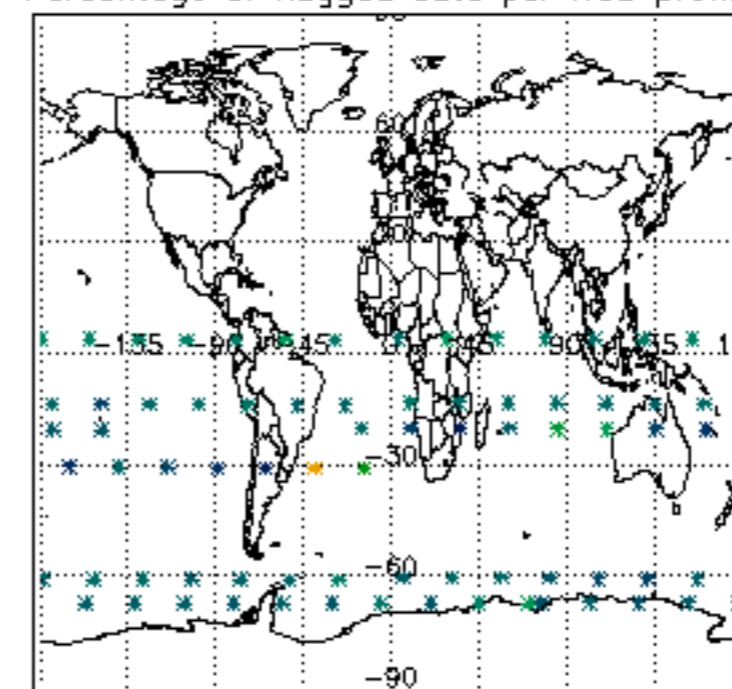
Percentage of flagged data per H2O profile

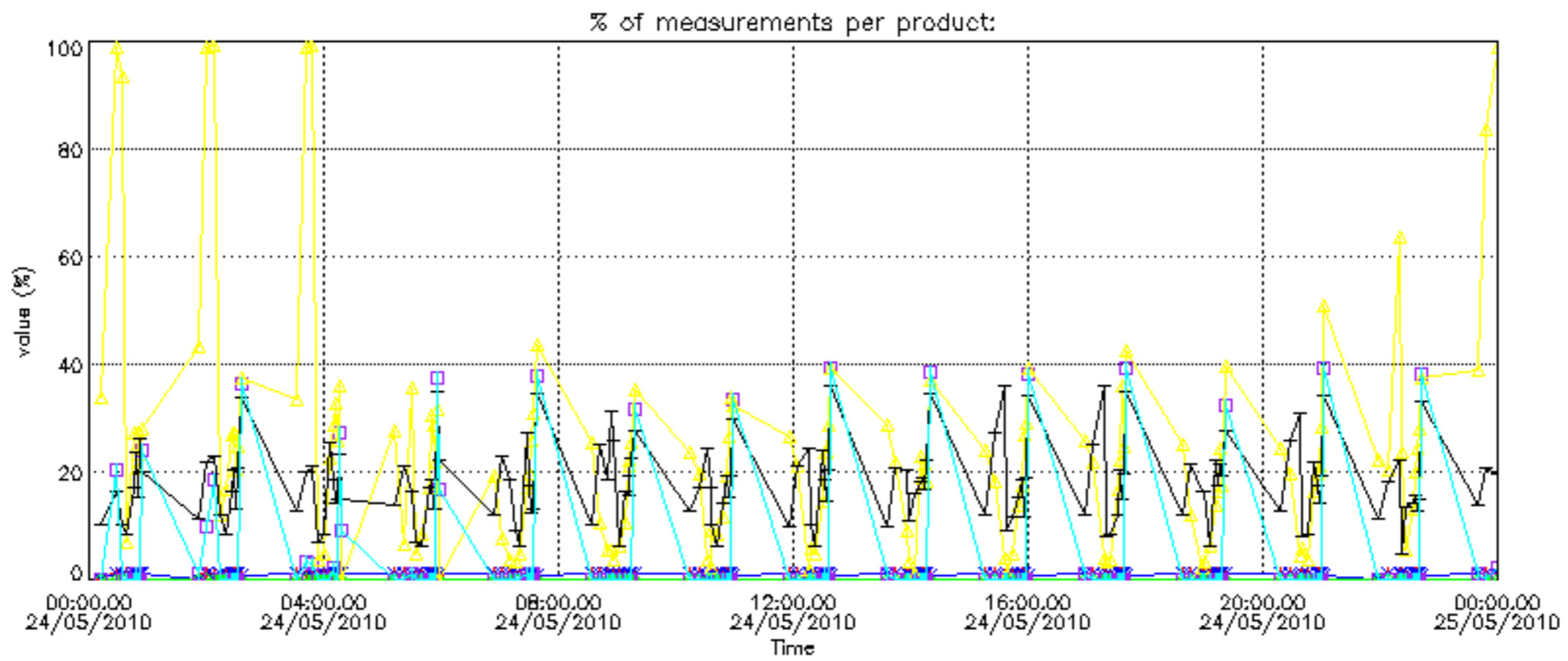


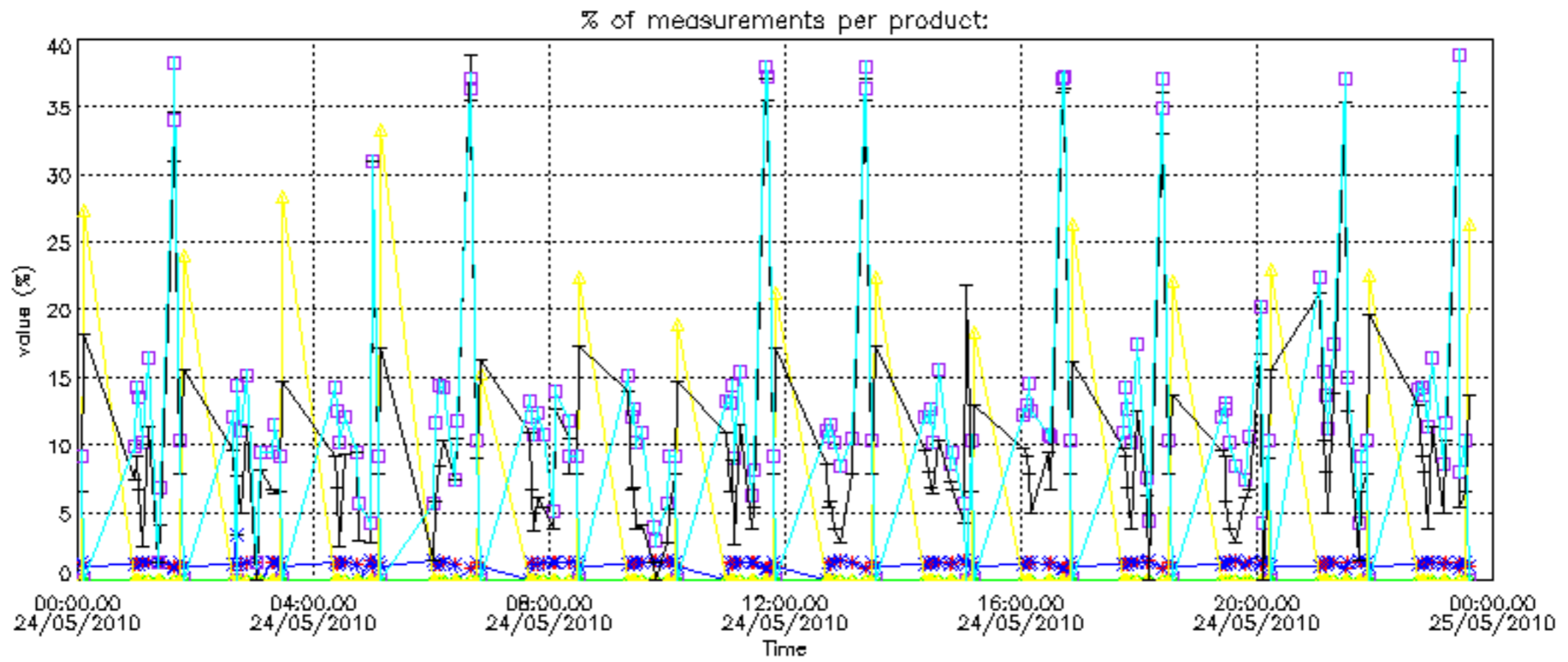
Percentage of flagged data per NO2 profile



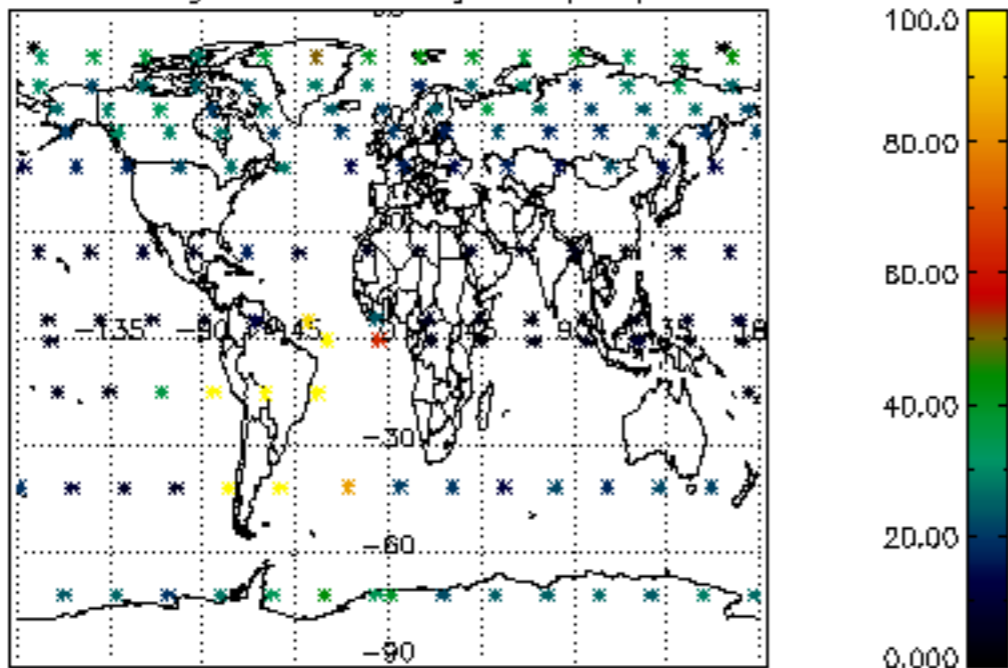
Percentage of flagged data per NO3 profile



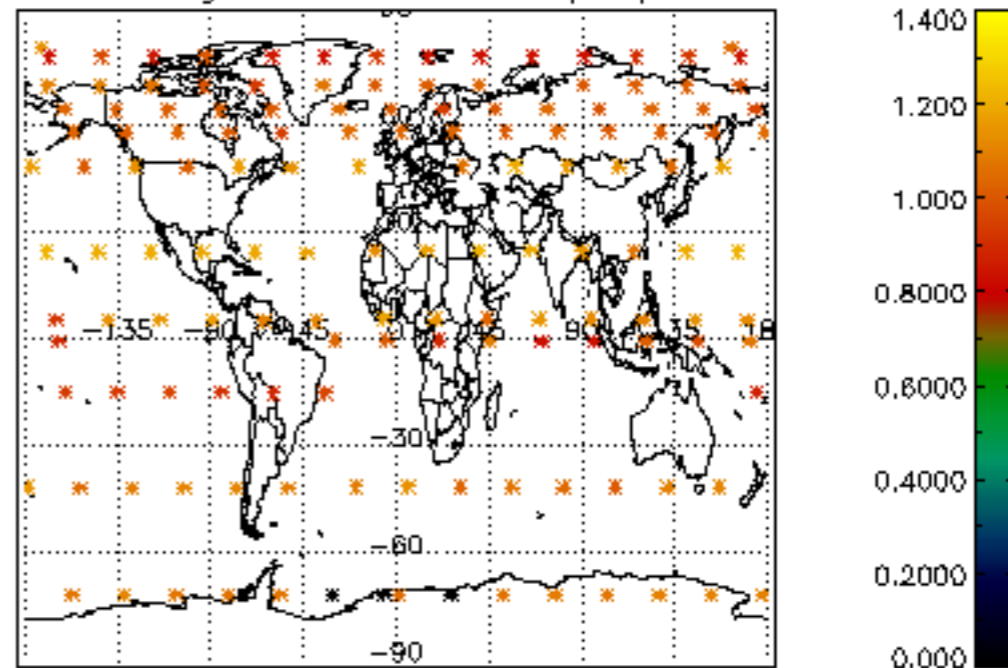




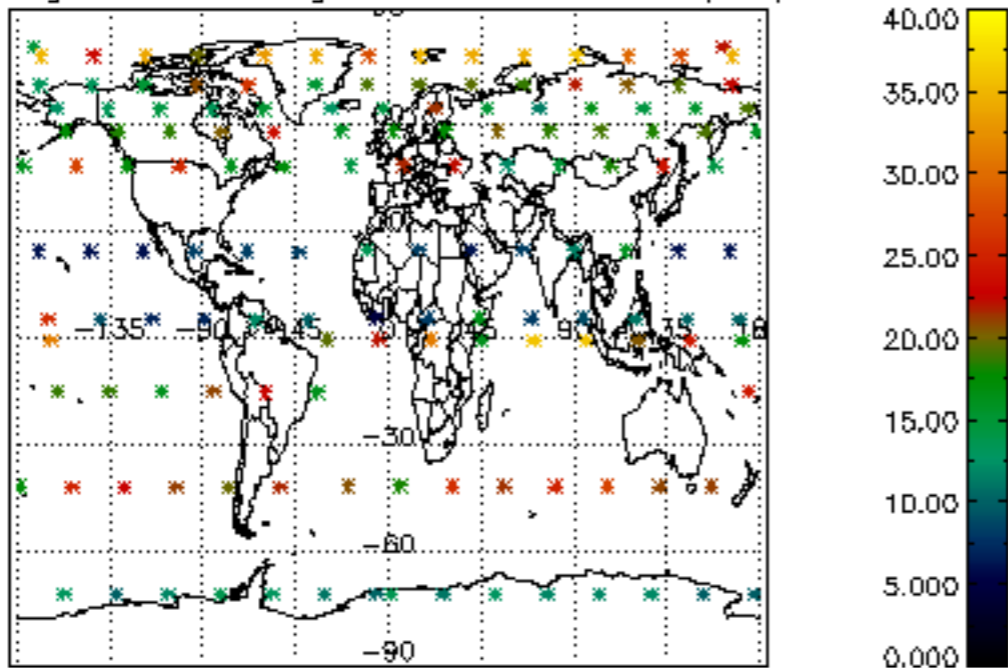
Percentage of cosmic ray hits per profile



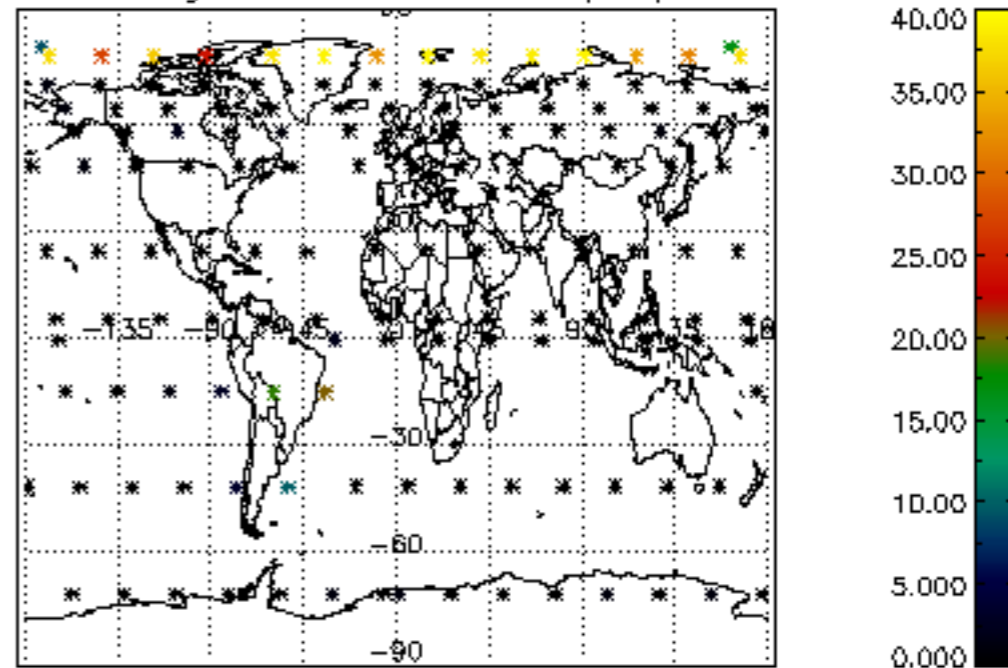
Percentage of datation errors per profile



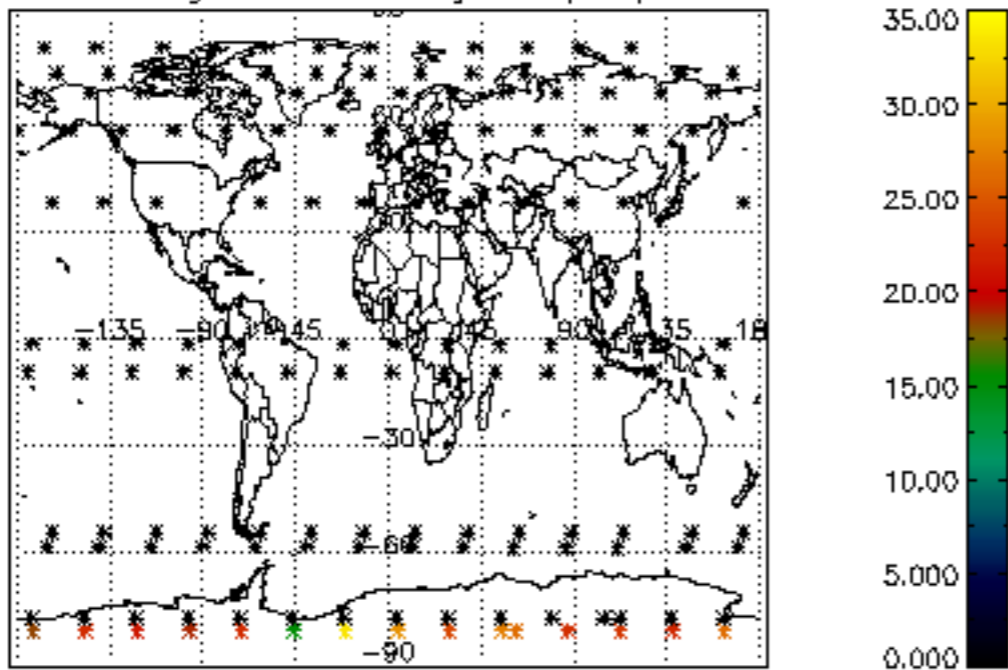
Percentage of star falling outside central band per profile



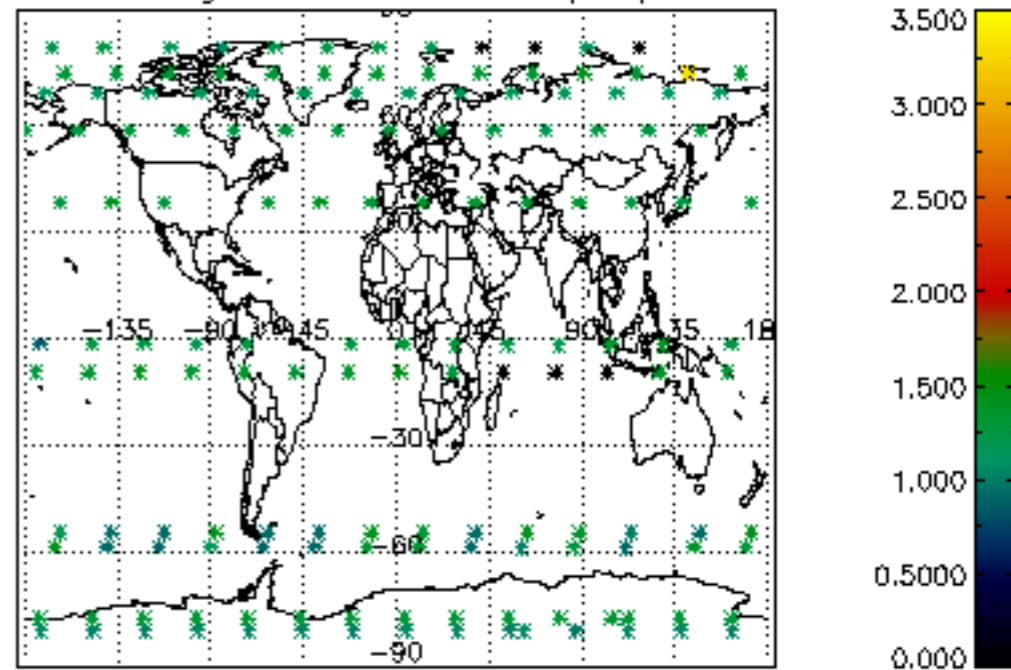
Percentage of saturation errors per profile



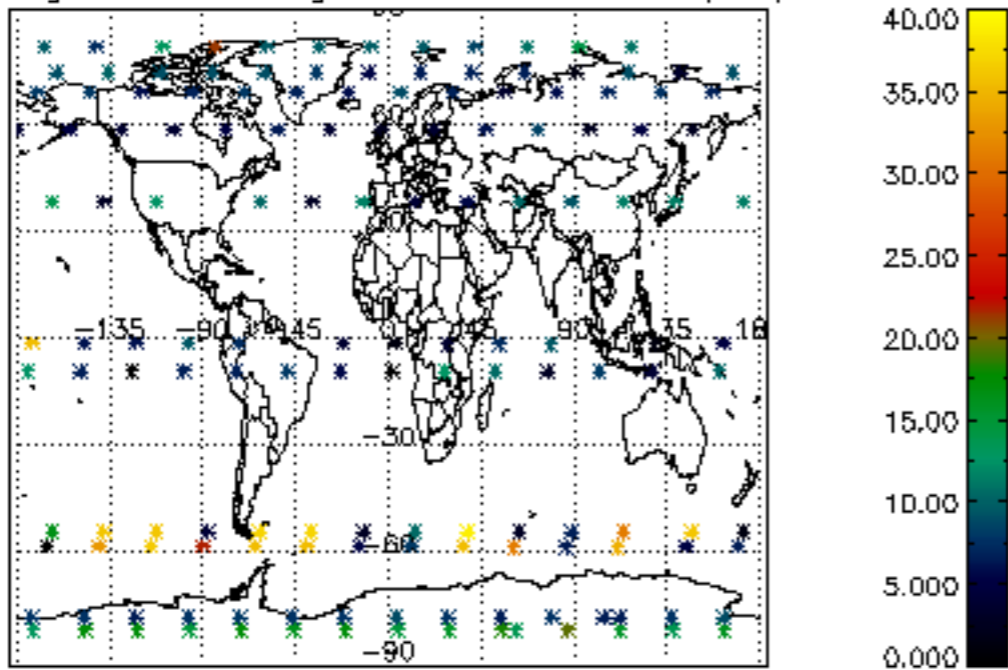
Percentage of cosmic ray hits per profile



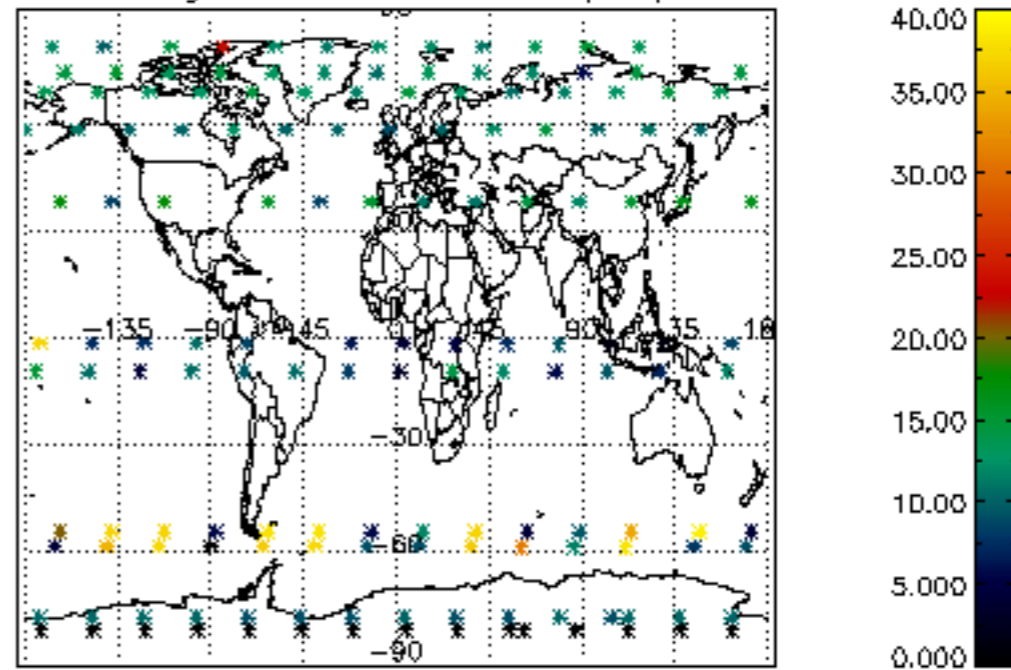
Percentage of datation errors per profile

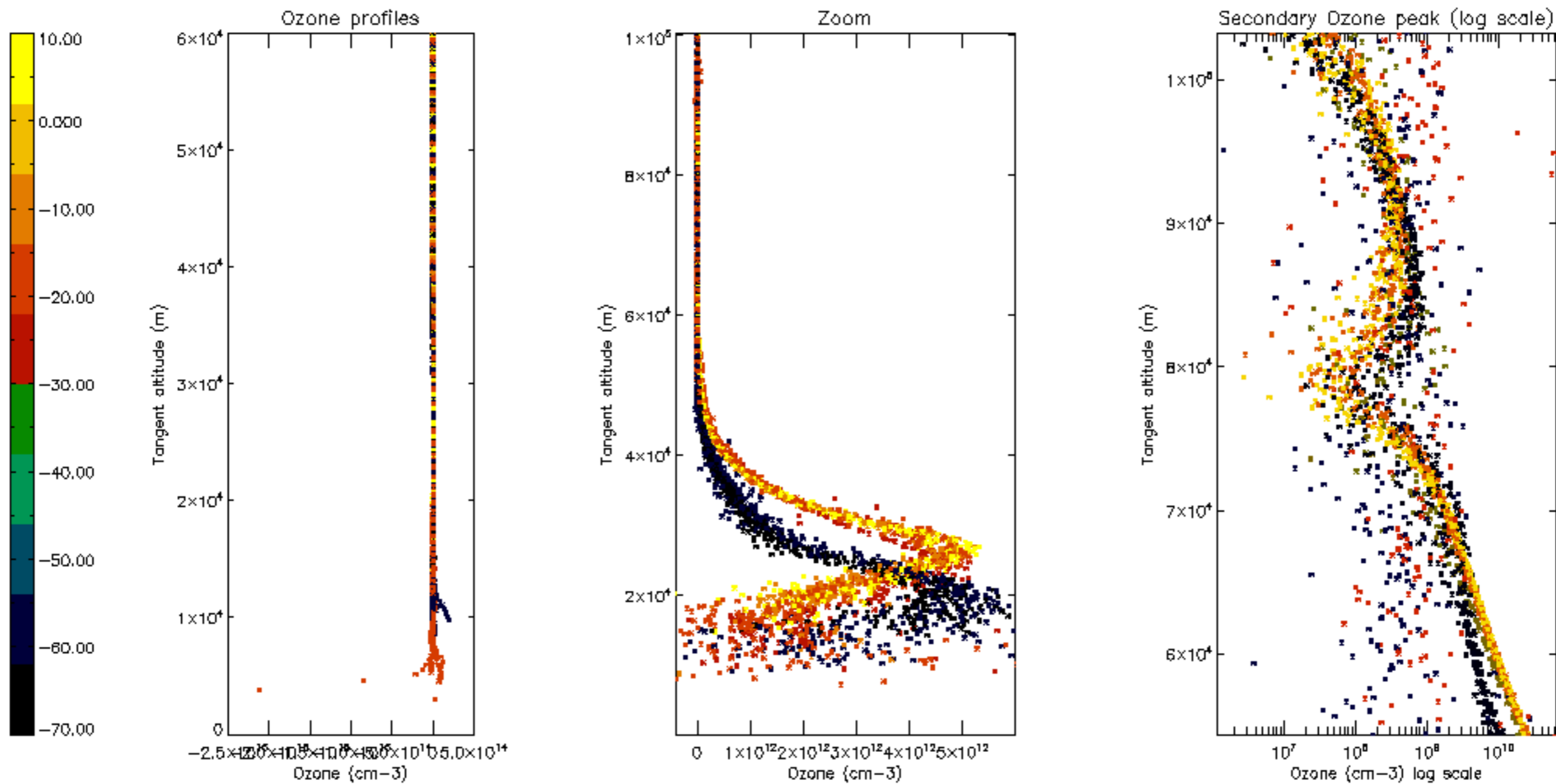


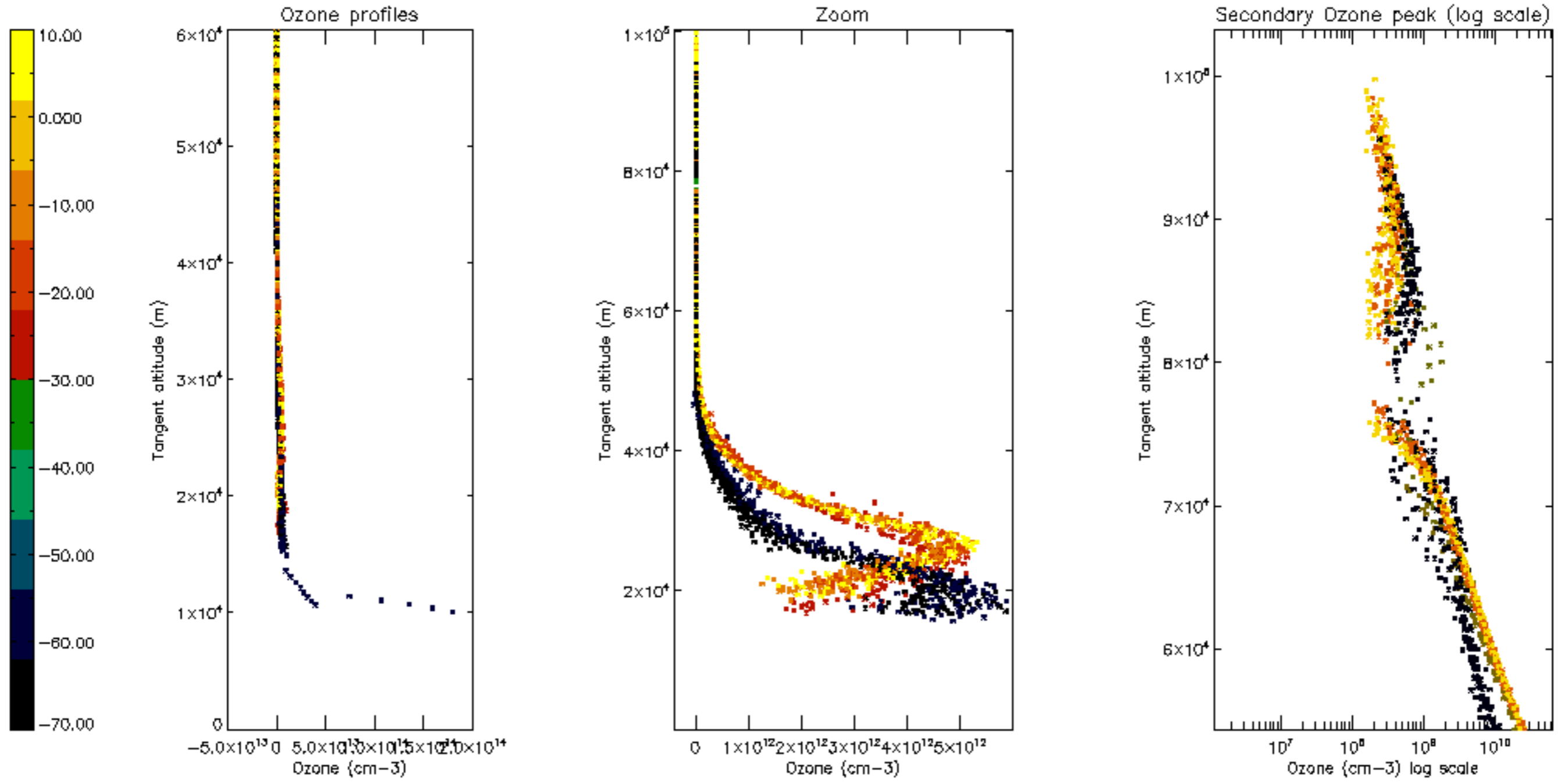
Percentage of star falling outside central band per profile



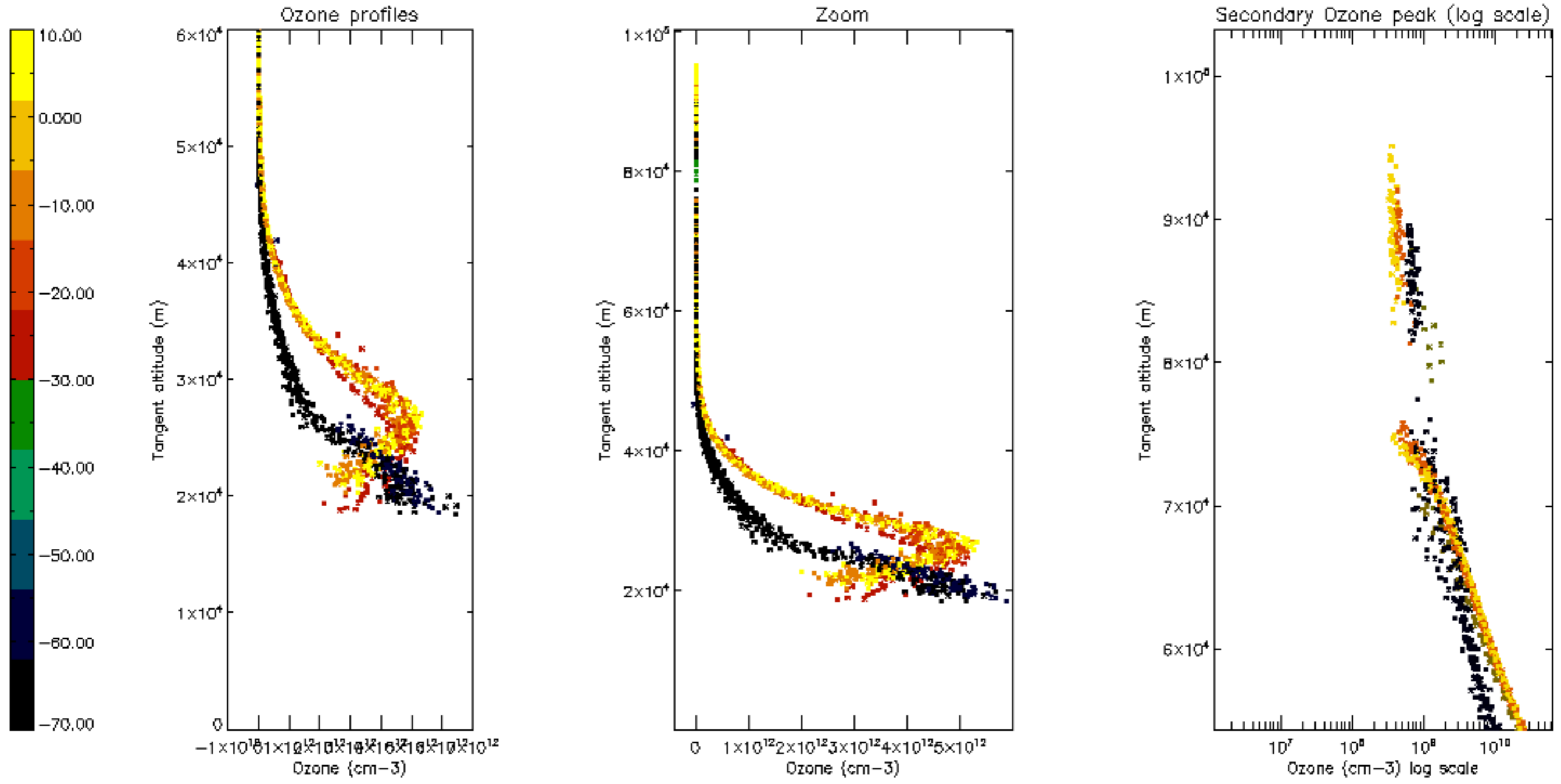
Percentage of saturation errors per profile

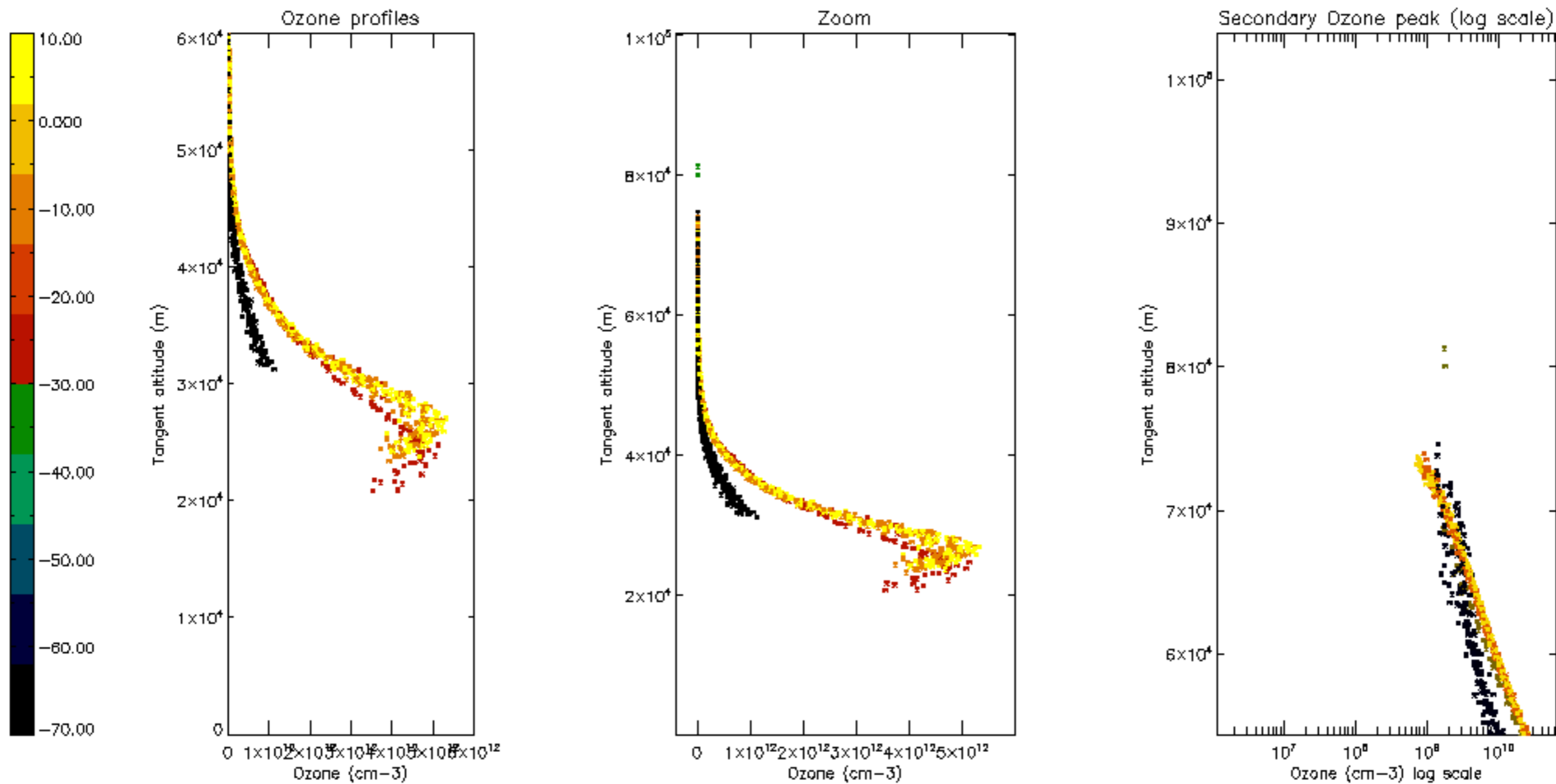


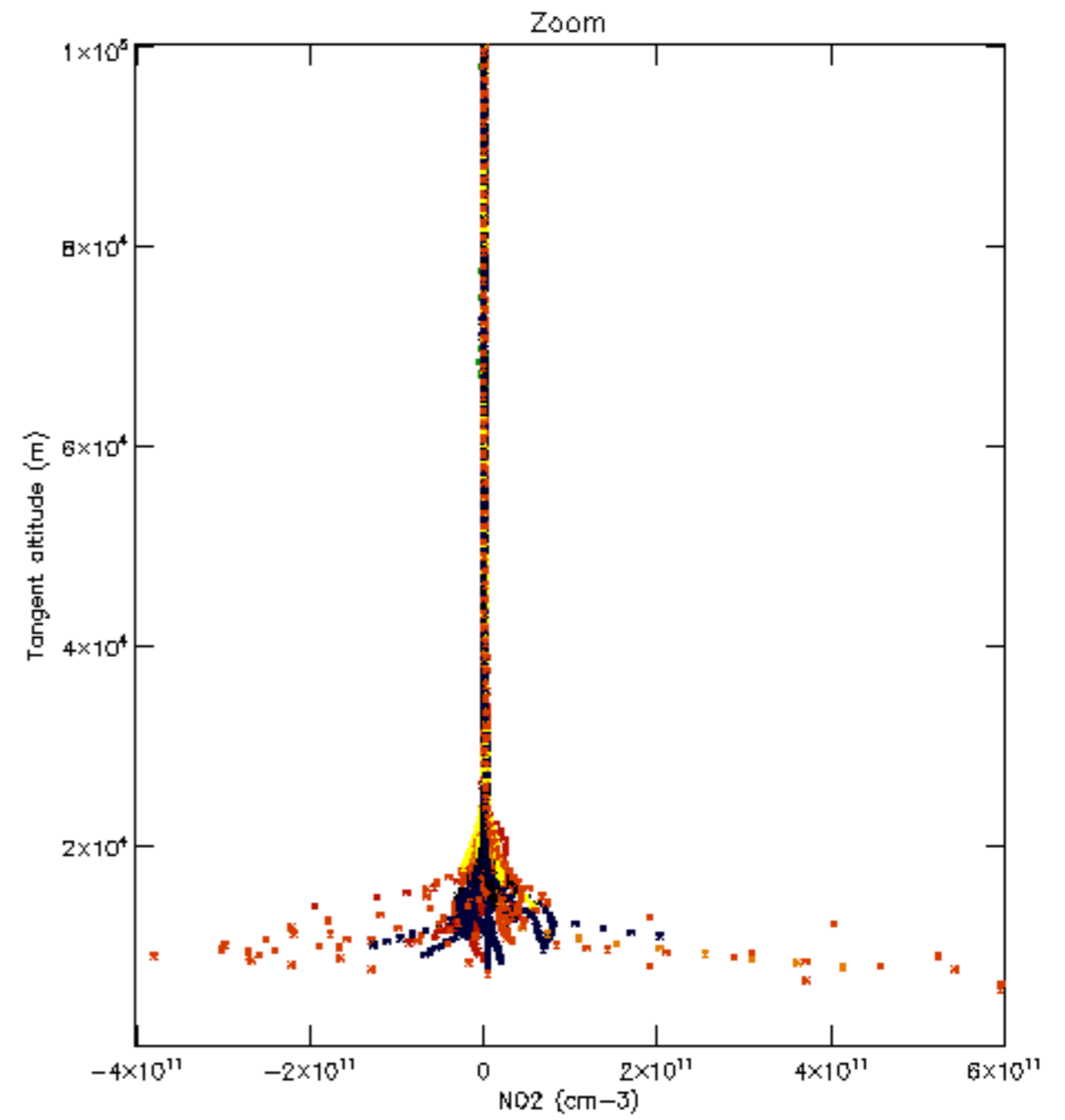
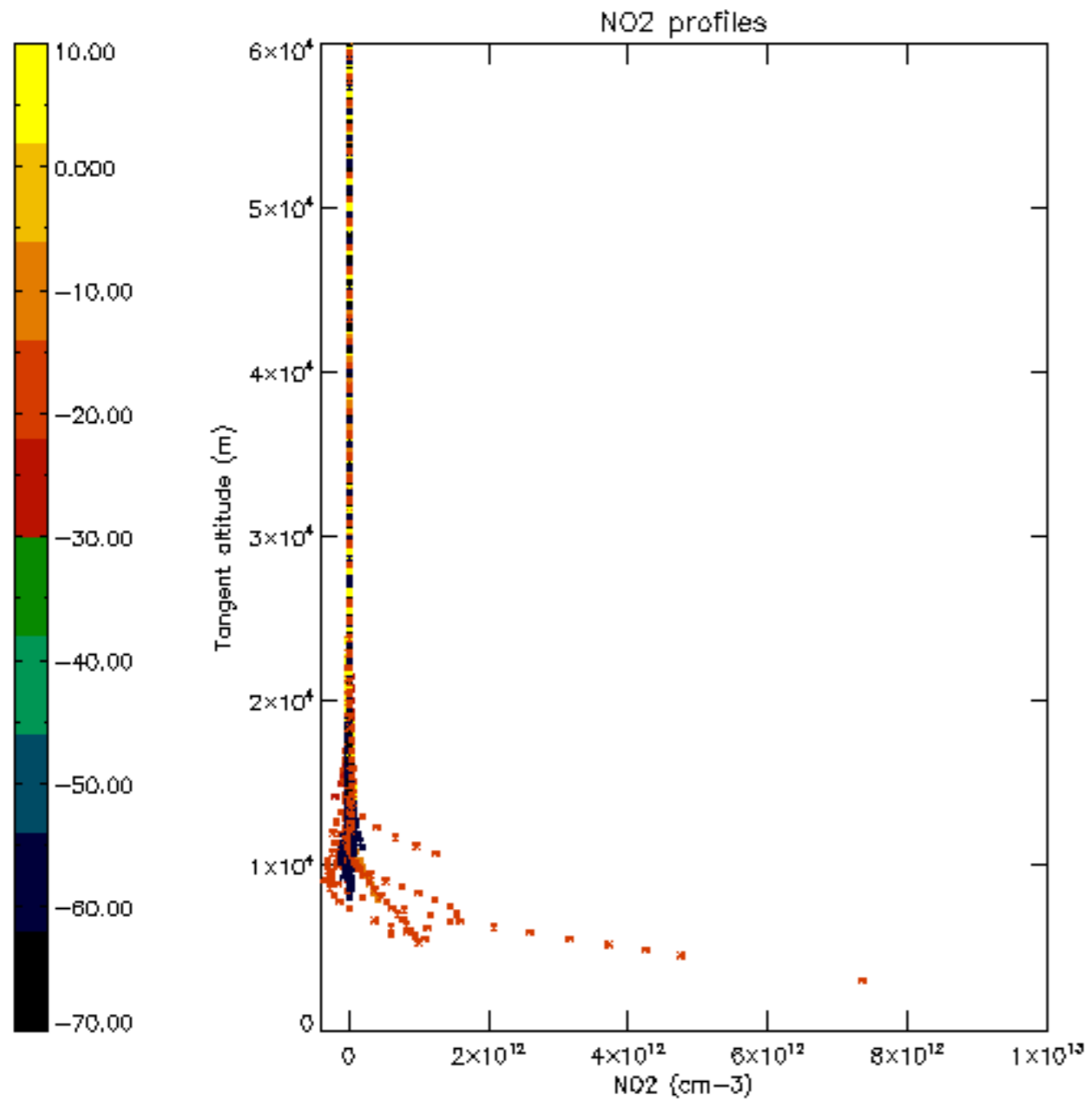


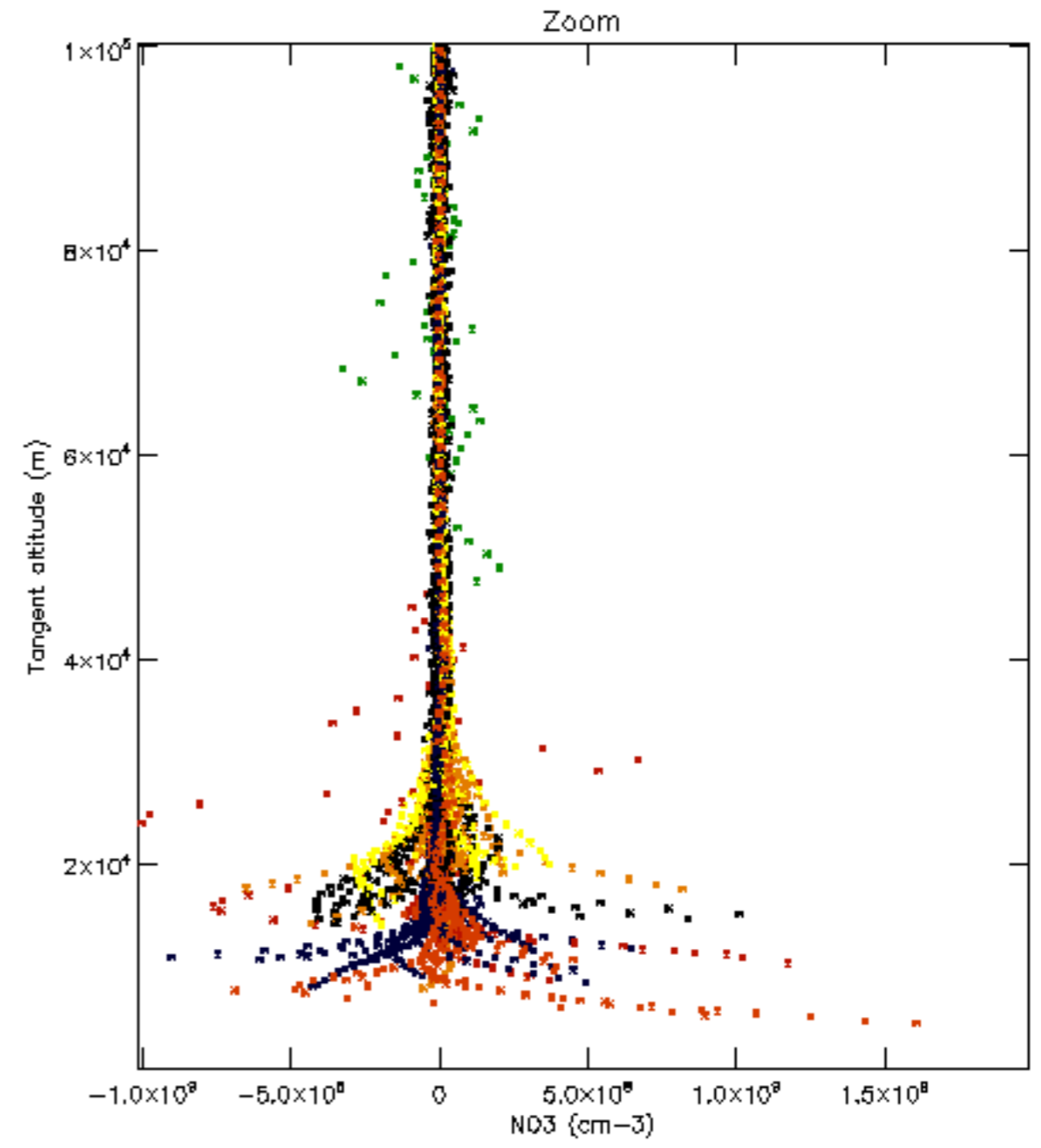
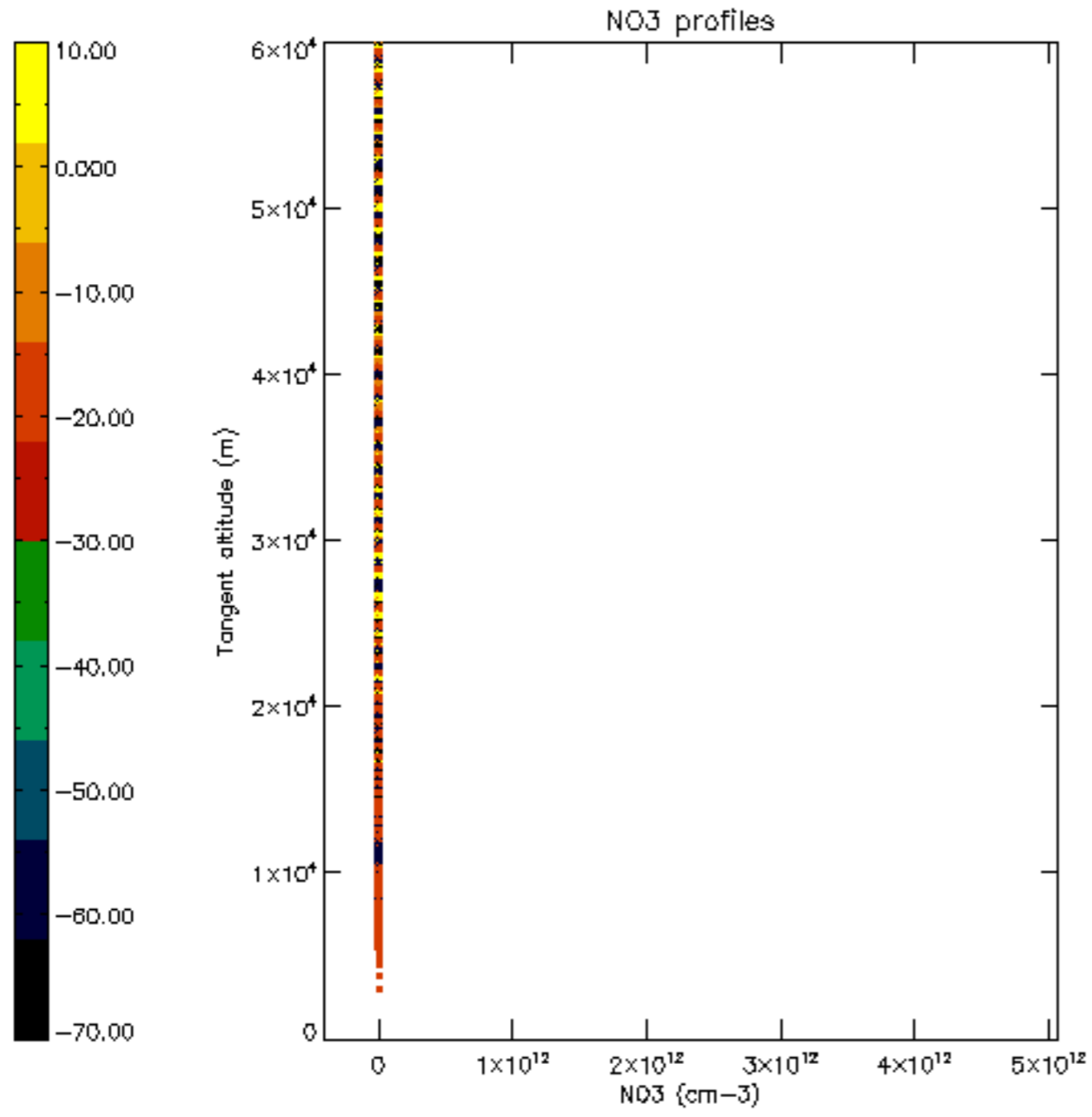


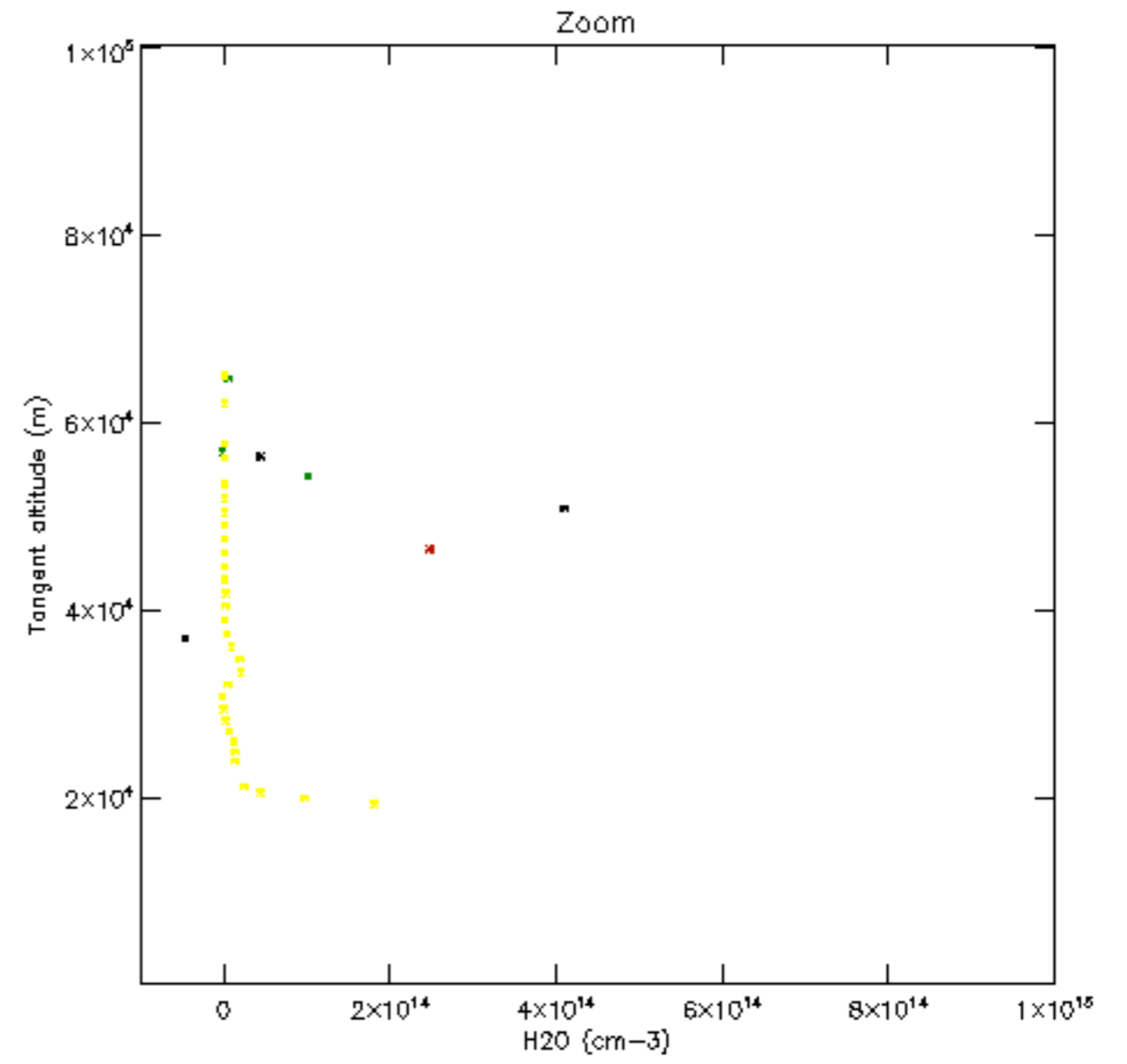
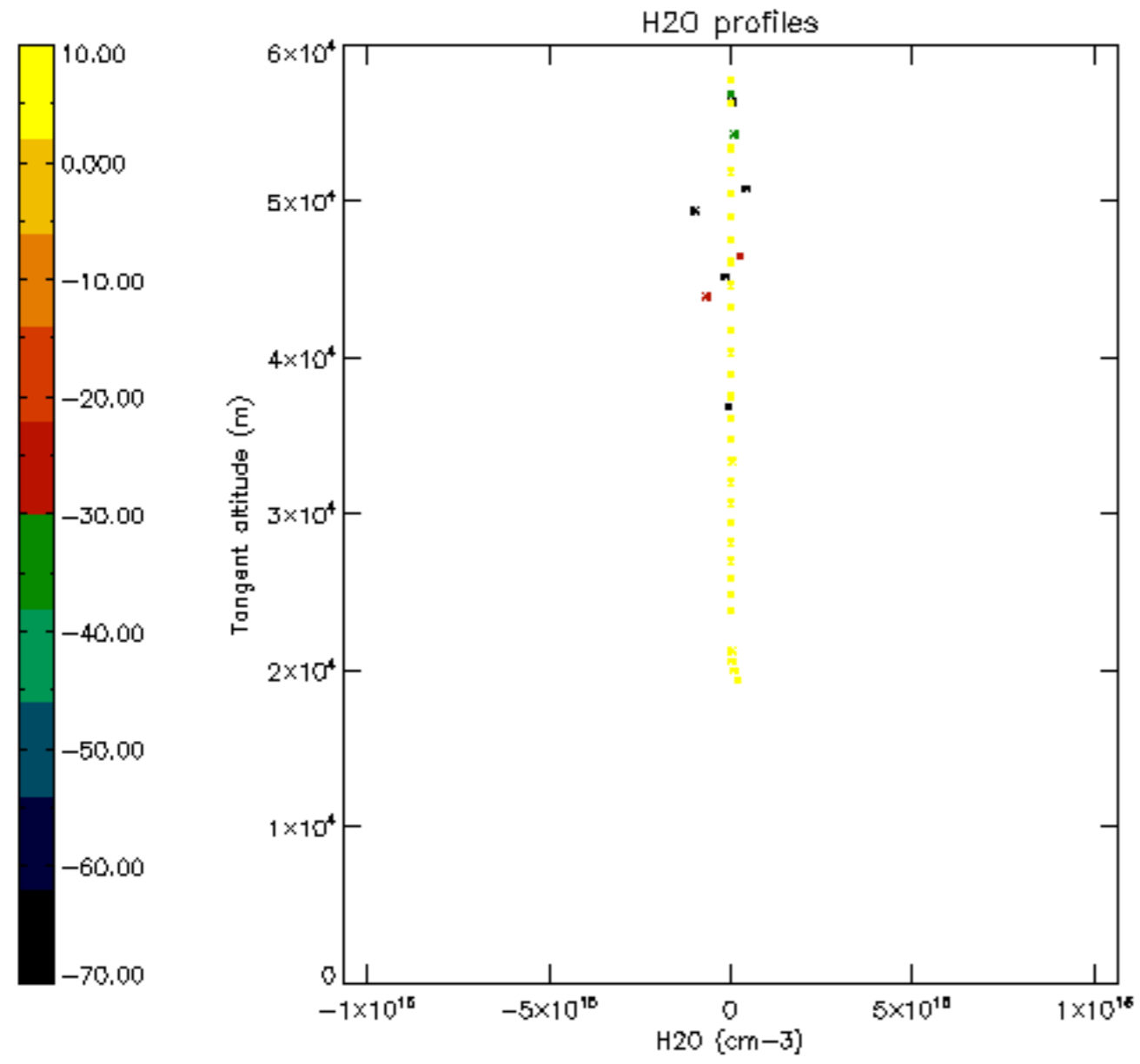


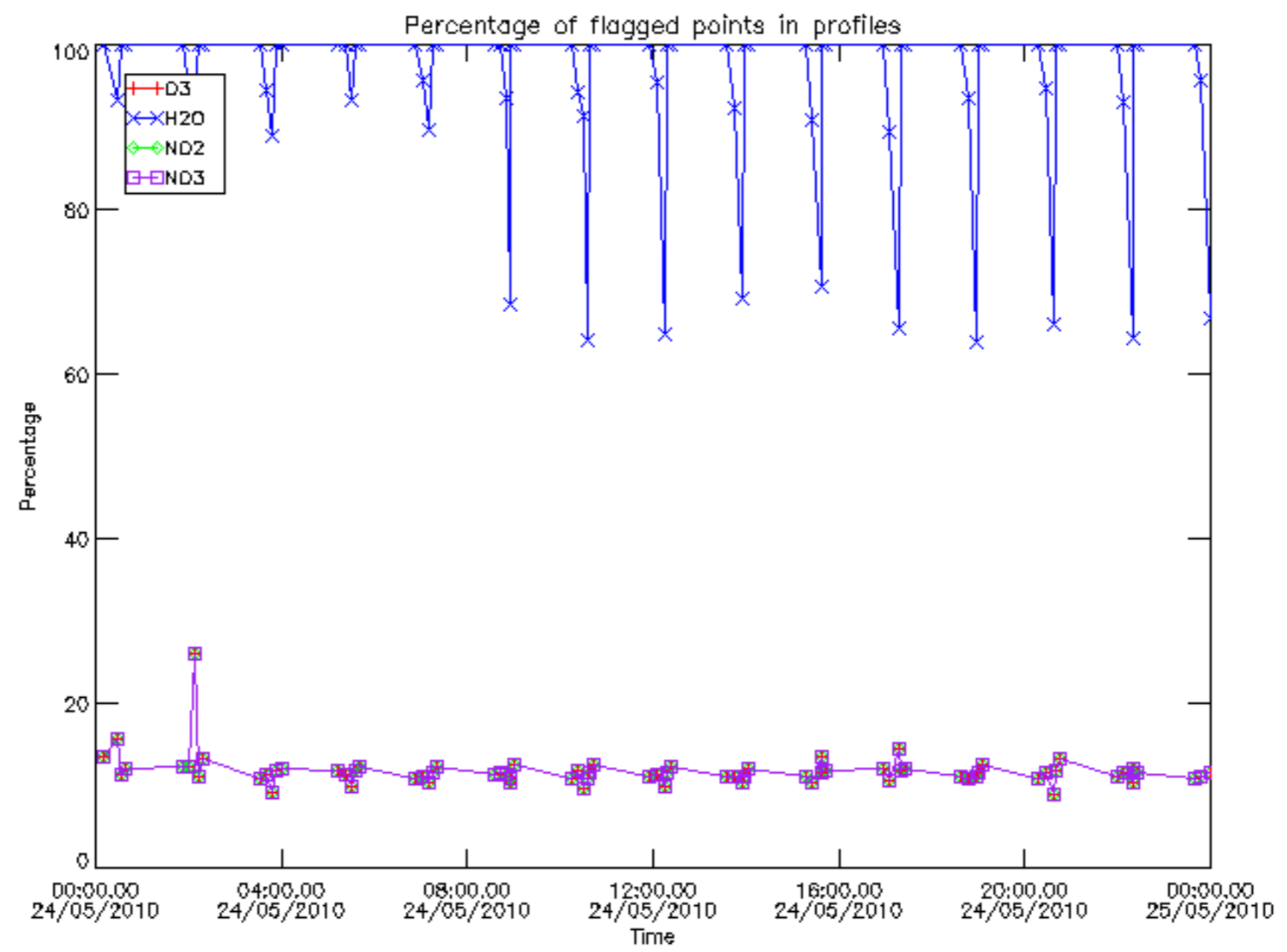




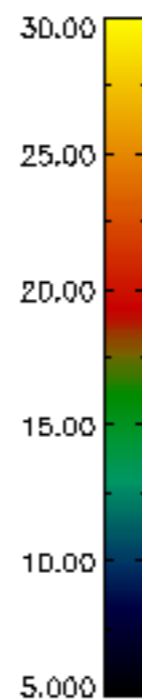
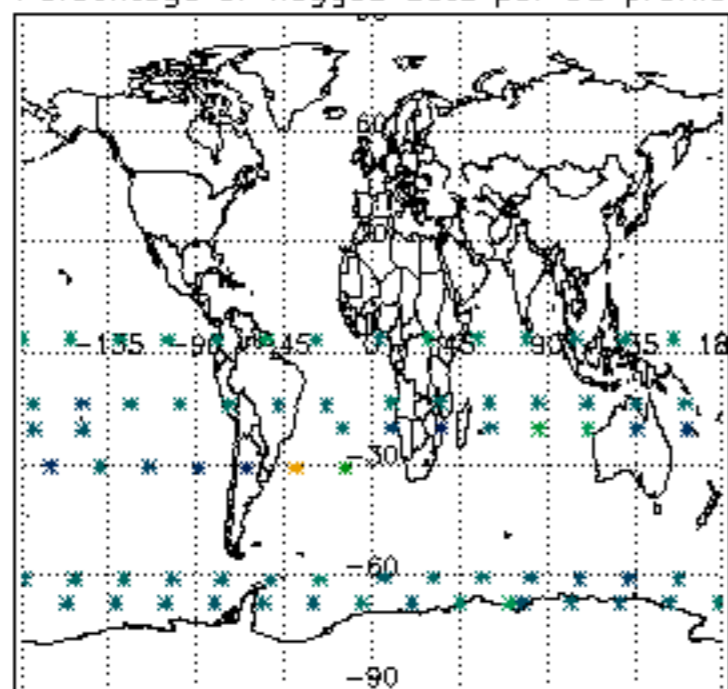




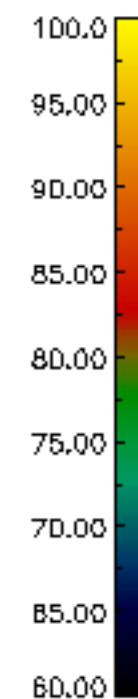
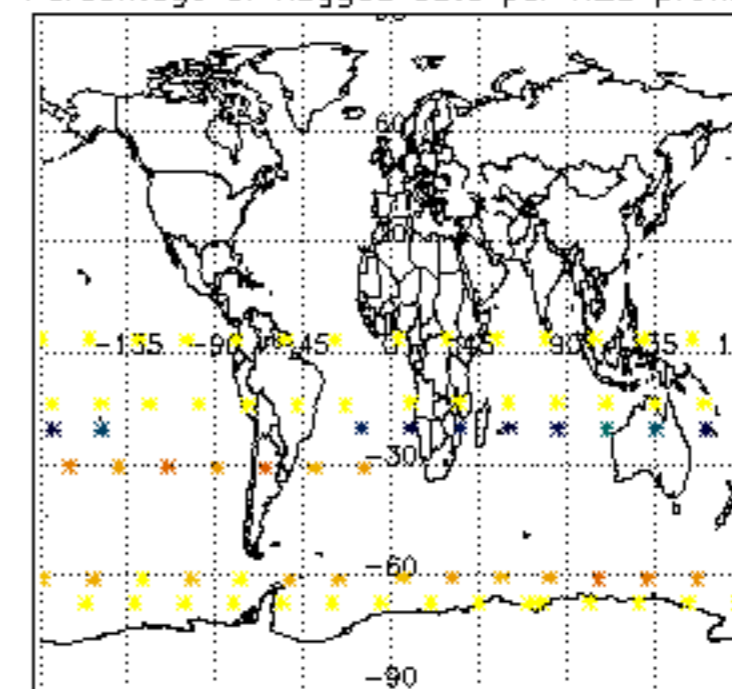




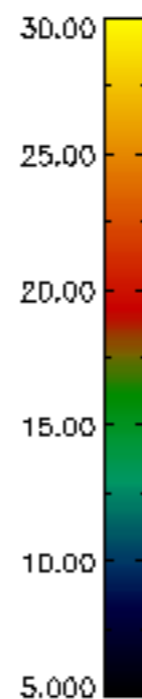
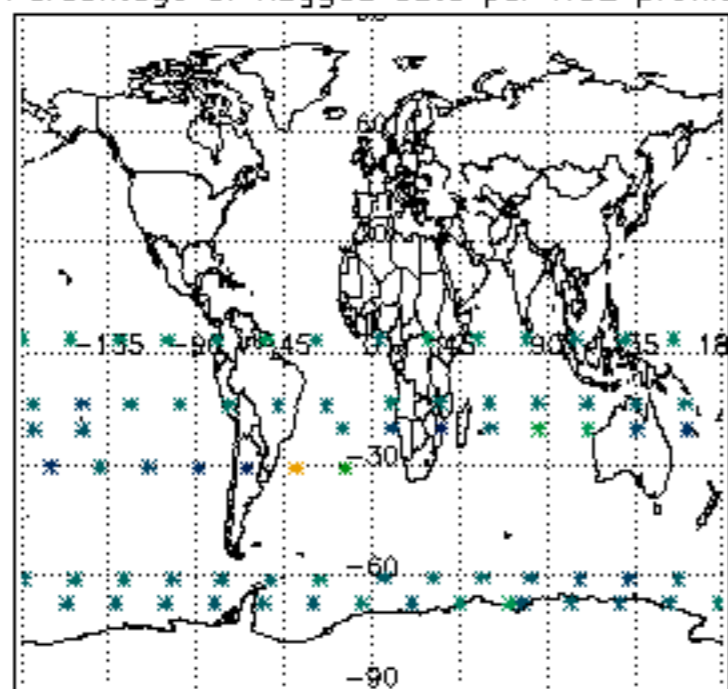
Percentage of flagged data per D3 profile



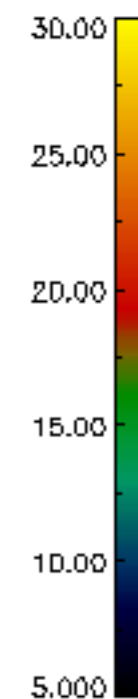
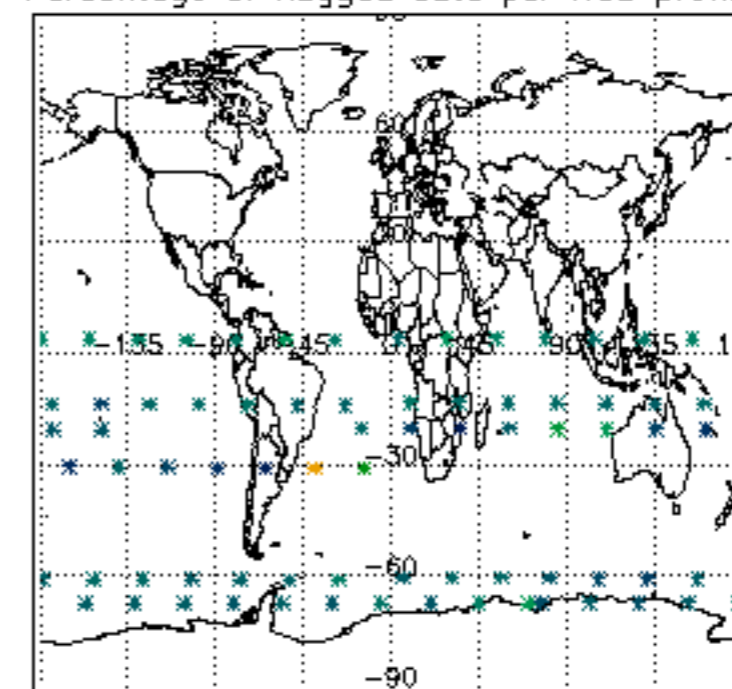
Percentage of flagged data per H2O profile

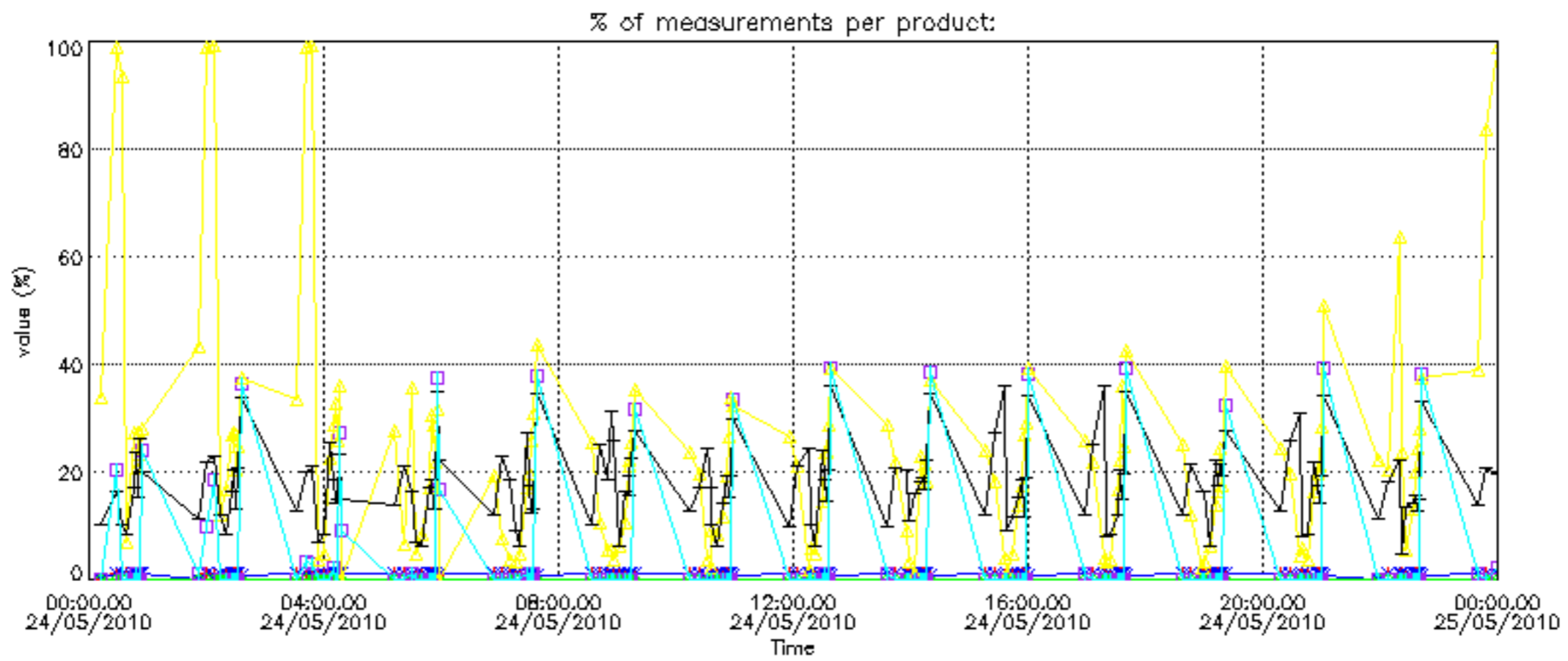


Percentage of flagged data per NO2 profile

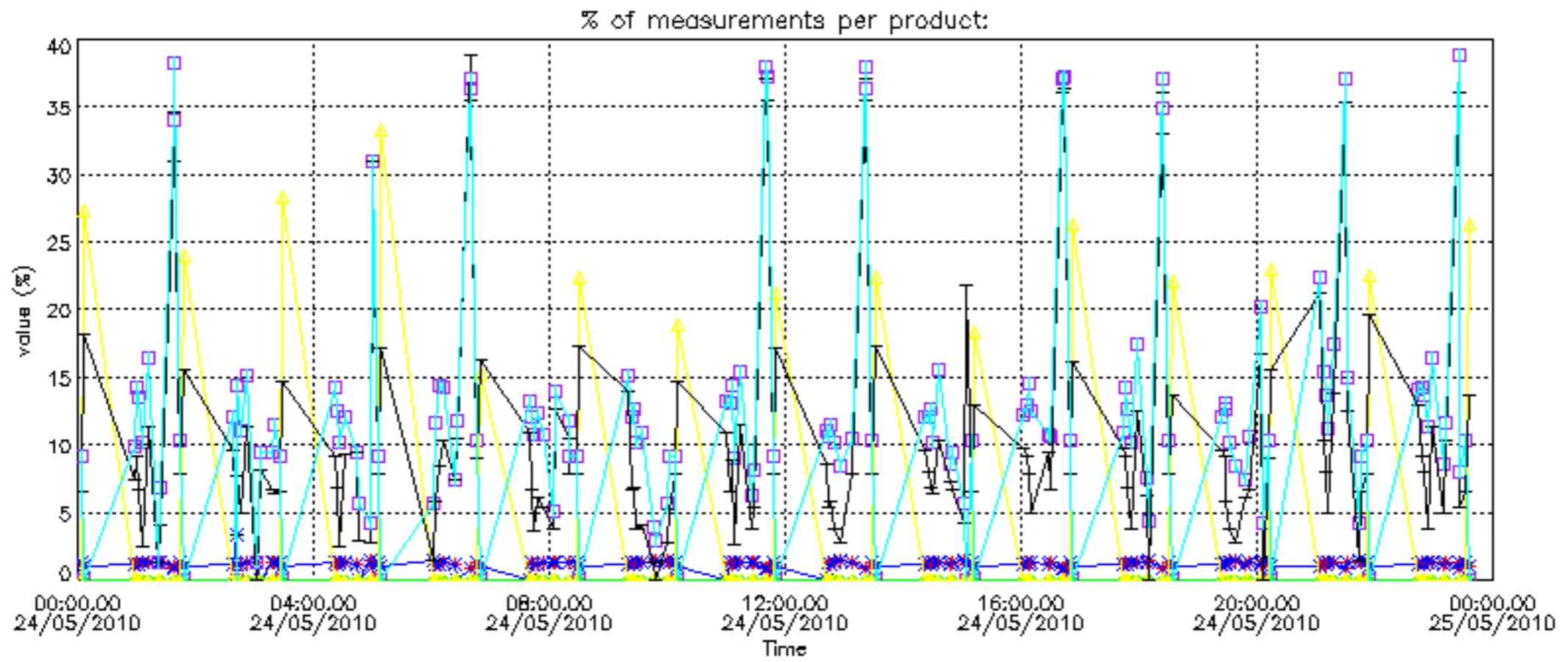


Percentage of flagged data per NO3 profile

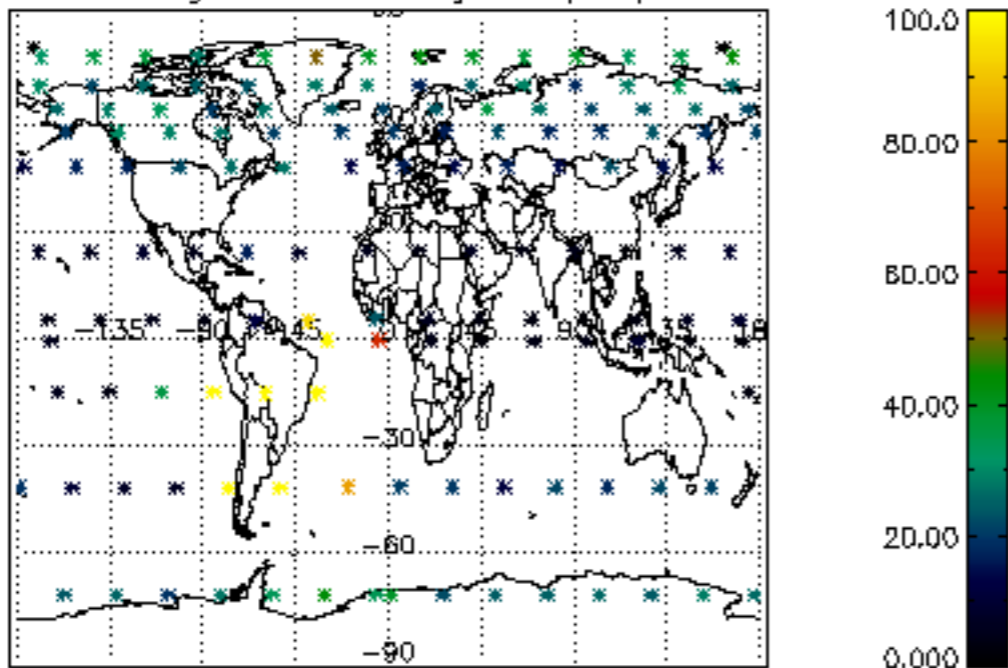




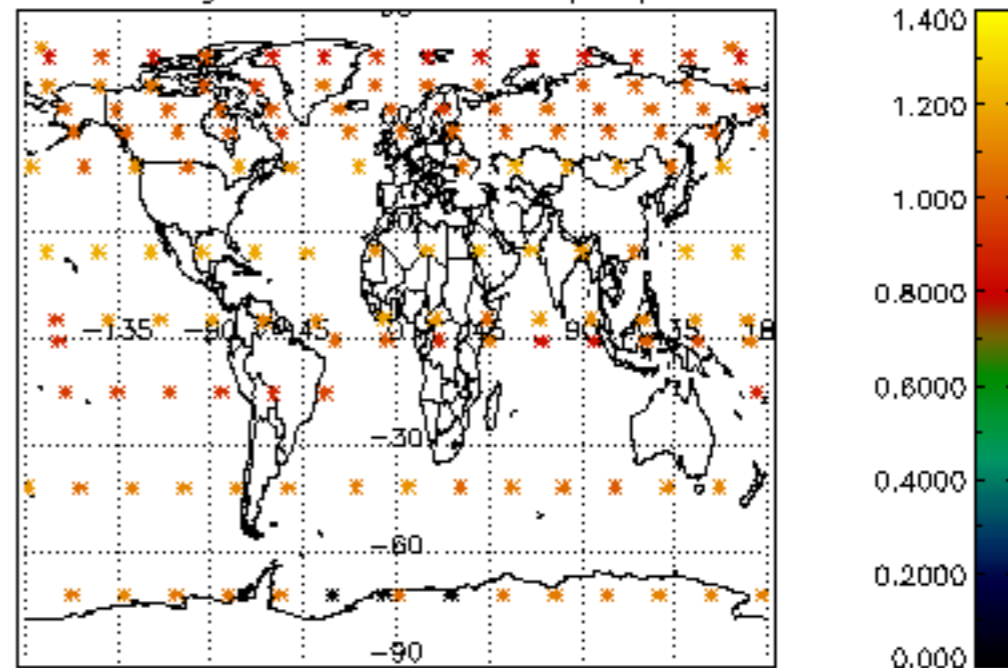




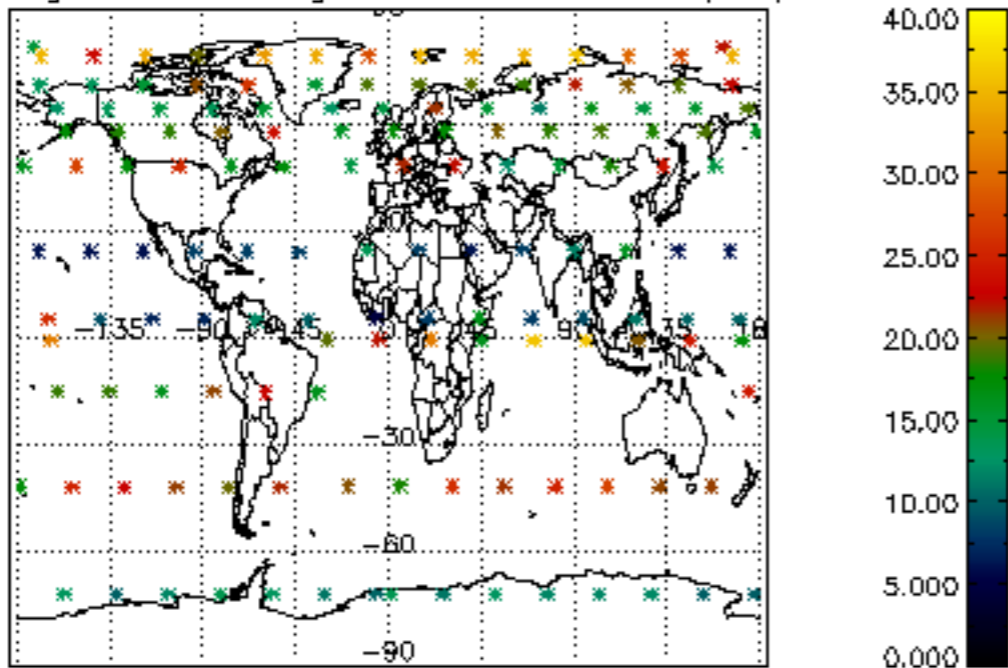
Percentage of cosmic ray hits per profile



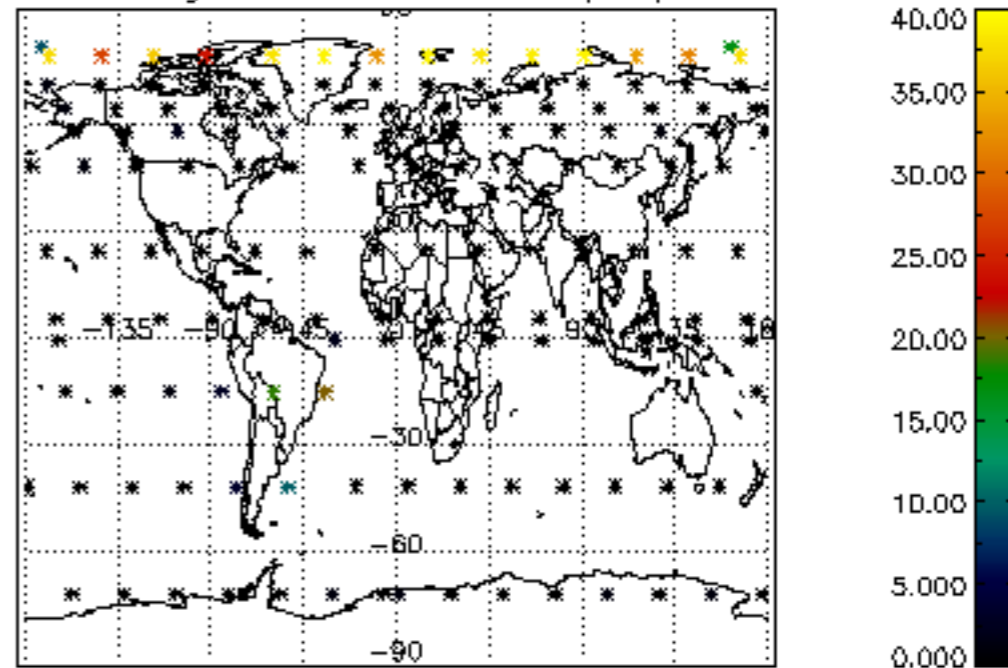
Percentage of datation errors per profile



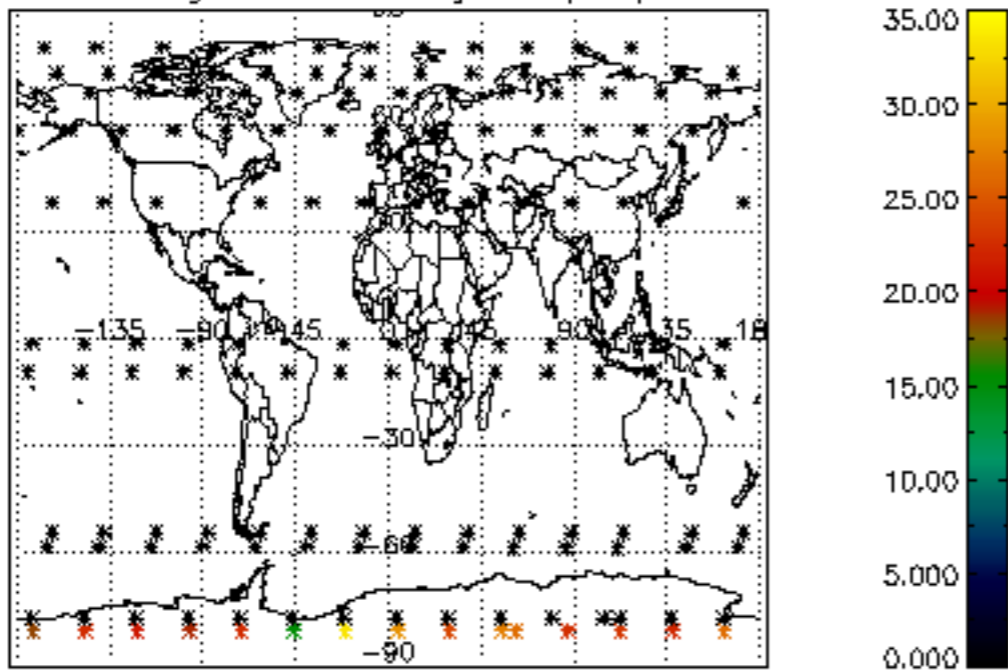
Percentage of star falling outside central band per profile



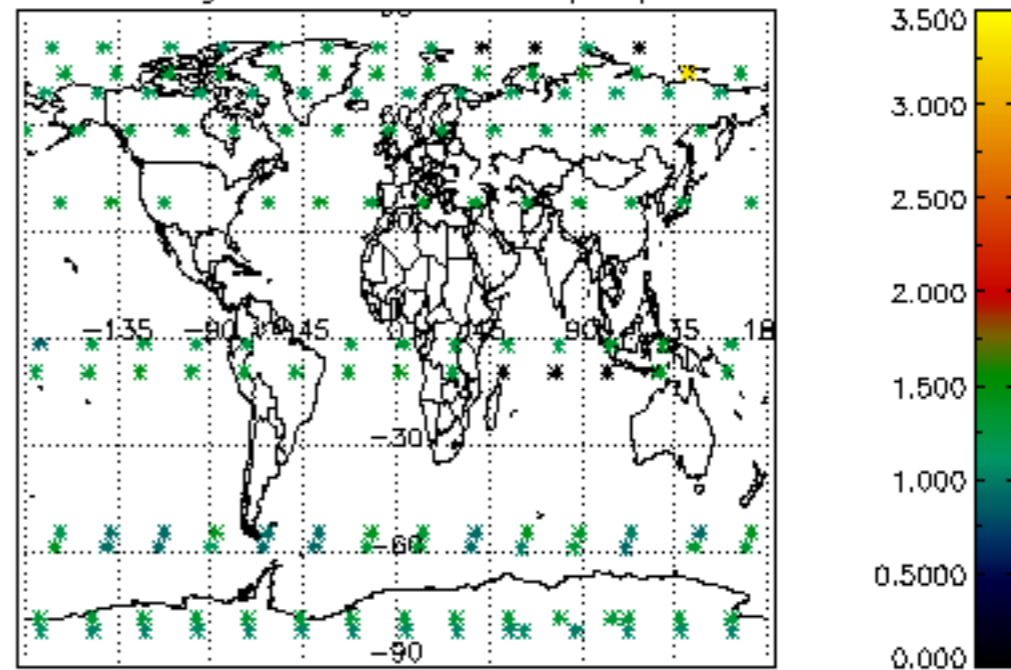
Percentage of saturation errors per profile



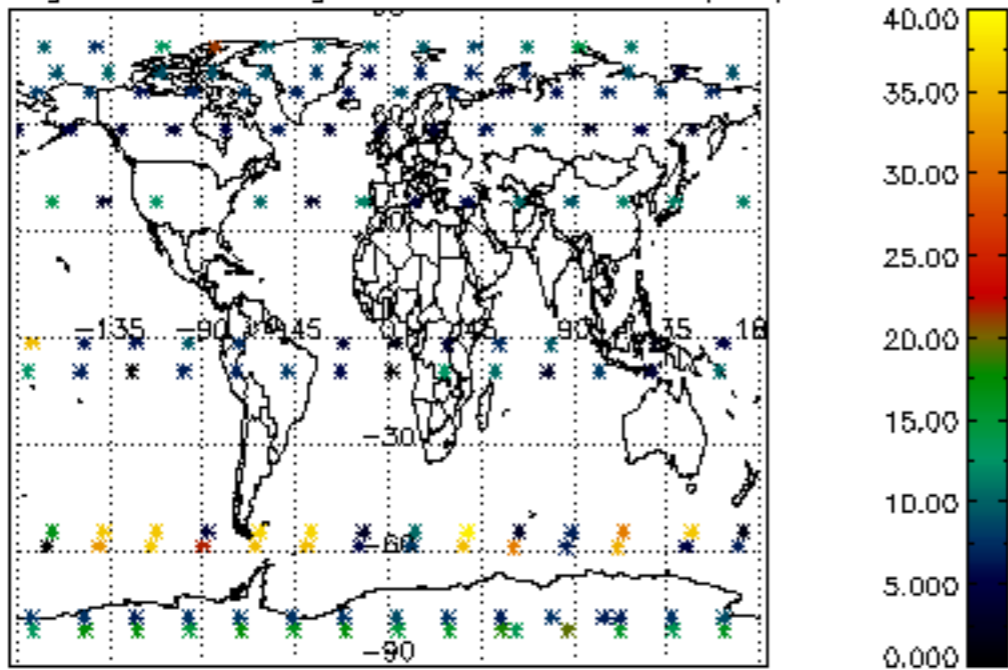
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

