

# 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	18APR2013 10:32:20
Data source version	GOMOS/6.01
Start time of products	22-08-2005 (22AUG2005 00:00:00)
Stop time of products	23-08-2005 (23AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	207
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__2PRFIN20050822_031812_000000552040_00090_18180_6024.N1	22-AUG-2005 03:18:12	Dark	54.500	157	The1Eri	2.9060	9300.0	109	18180	No
2	GOM_NL__2PRFIN20050822_032727_000000502040_00090_18180_6025.N1	22-AUG-2005 03:27:27	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	18180	No
3	GOM_NL__2PRFIN20050822_033424_000000532040_00090_18180_6026.N1	22-AUG-2005 03:34:24	Twilight_stray	53.000	18	24Alp PsA	1.1660	9700.0	106	18180	No
4	GOM_NL__2PRFIN20050822_034445_000000442040_00090_18180_6027.N1	22-AUG-2005 03:44:45	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	18180	No
5	GOM_NL__2PRFIN20050822_034750_000000412040_00090_18180_6028.N1	22-AUG-2005 03:47:50	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	18180	No
6	GOM_NL__2PRFIN20050822_040659_000000462040_00090_18180_6029.N1	22-AUG-2005 04:06:59	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	18180	No
7	GOM_NL__2PRFIN20050822_040912_000000092040_00090_18180_6030.N1	22-AUG-2005 04:09:12	Straylight	8.5000	76	27Gam Cas	2.3000	30000.	17	18180	No
8	GOM_NL__2PRFIN20050822_042242_000000512040_00090_18180_6031.N1	22-AUG-2005 04:22:42	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	18180	No
9	GOM_NL__2PRFIN20050822_042552_000000412040_00090_18180_6032.N1	22-AUG-2005 04:25:52	Bright	41.000	107	37The Aur	2.6490	11000.	82	18180	No
10	GOM_NL__2PRFIN20050822_042910_000000532040_00090_18180_6033.N1	22-AUG-2005 04:29:10	Twilight_stray	53.000	28	12Bet Tau	1.6500	15200.	106	18180	No
11	GOM_NL__2PRFIN20050822_043143_000000502040_00090_18180_6034.N1	22-AUG-2005 04:31:43	Twilight_stray	50.000	176	23Zet Tau	3.0200	22000.	100	18180	No
12	GOM_NL__2PRFIN20050822_043553_000000592040_00090_18180_6035.N1	22-AUG-2005 04:35:53	Dark	58.500	14	58Alp Ori	0.87000	3000.0	117	18180	No
13	GOM_NL__2PRFIN20050822_043724_000000522040_00090_18180_6036.N1	22-AUG-2005 04:37:24	Dark	52.000	27	24Gam Ori	1.6360	26000.	104	18180	No
14	GOM_NL__2PRFIN20050822_043922_000000542040_00090_18180_6037.N1	22-AUG-2005 04:39:22	Dark	53.500	30	46Eps Ori	1.6940	30000.	107	18180	No
15	GOM_NL__2PRFIN20050822_044050_000000512040_00090_18180_6038.N1	22-AUG-2005 04:40:50	Dark	51.000	125	44Iot Ori	2.7700	30000.	102	18180	No
16	GOM_NL__2PRFIN20050822_044240_000000622040_00090_18180_6039.N1	22-AUG-2005 04:42:40	Dark	61.500	7	19Bet Ori	0.10000	14000.	123	18180	No
17	GOM_NL__2PRFIN20050822_044419_000000512040_00090_18180_6040.N1	22-AUG-2005 04:44:19	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	18180	No
18	GOM_NL__2PRFIN20050822_045850_000000542040_00091_18181_6024.N1	22-AUG-2005 04:58:50	Dark	54.000	157	The1Eri	2.9060	9300.0	108	18181	No
19	GOM_NL__2PRFIN20050822_050804_000000542040_00091_18181_6025.N1	22-AUG-2005 05:08:04	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	18181	No
20	GOM_NL__2PRFIN20050822_051500_000000502040_00091_18181_6026.N1	22-AUG-2005 05:15:00	Twilight_stray	50.000	18	24Alp PsA	1.1660	9700.0	100	18181	No
21	GOM_NL__2PRFIN20050822_052521_000000432040_00091_18181_6027.N1	22-AUG-2005 05:25:21	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18181	No
22	GOM_NL__2PRFIN20050822_052826_000000412040_00091_18181_6028.N1	22-AUG-2005 05:28:26	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	18181	No
23	GOM_NL__2PRFIN20050822_054734_000000472040_00091_18181_6029.N1	22-AUG-2005 05:47:34	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	18181	No
24	GOM_NL__2PRFIN20050822_054948_000000092040_00091_18181_6030.N1	22-AUG-2005 05:49:48	Straylight	8.5000	76	27Gam Cas	2.3000	30000.	17	18181	No
25	GOM_NL__2PRFIN20050822_060318_000000472040_00091_18181_6031.N1	22-AUG-2005 06:03:18	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	18181	No
26	GOM_NL__2PRFIN20050822_060628_000000392040_00091_18181_6032.N1	22-AUG-2005 06:06:28	Bright	39.000	107	37The Aur	2.6490	11000.	78	18181	No
27	GOM_NL__2PRFIN20050822_060946_000000582040_00091_18181_6033.N1	22-AUG-2005 06:09:46	Twilight_stray	57.500	28	12Bet Tau	1.6500	15200.	115	18181	No
28	GOM_NL__2PRFIN20050822_061220_000000492040_00091_18181_6034.N1	22-AUG-2005 06:12:20	Twilight_stray	48.500	176	23Zet Tau	3.0200	22000.	97	18181	No
29	GOM_NL__2PRFIN20050822_061629_000000442040_00091_18181_6035.N1	22-AUG-2005 06:16:29	Dark	44.000	14	58Alp Ori	0.87000	3000.0	88	18181	No
30	GOM_NL__2PRFIN20050822_061801_000000502040_00091_18181_6036.N1	22-AUG-2005 06:18:01	Dark	50.000	27	24Gam Ori	1.6360	26000.	100	18181	No
31	GOM_NL__2PRFIN20050822_061958_000000552040_00091_18181_6037.N1	22-AUG-2005 06:19:58	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	18181	No
32	GOM_NL__2PRFIN20050822_062127_000000512040_00091_18181_6038.N1	22-AUG-2005 06:21:27	Dark	51.000	125	44Iot Ori	2.7700	30000.	102	18181	No
33	GOM_NL__2PRFIN20050822_062317_000000612040_00091_18181_6039.N1	22-AUG-2005 06:23:17	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	18181	No
34	GOM_NL__2PRFIN20050822_062456_000000502040_00091_18181_6040.N1	22-AUG-2005 06:24:56	Dark	50.000	101	11Alp Lep	2.5820	7000.0	100	18181	No
35	GOM_NL__2PRFIN20050822_063927_000000552040_00092_18182_6024.N1	22-AUG-2005 06:39:27	Dark	55.000	157	The1Eri	2.9060	9300.0	110	18182	No
36	GOM_NL__2PRFIN20050822_064840_000000632040_00092_18182_6025.N1	22-AUG-2005 06:48:40	Straylight	62.500	84	Alp Phe	2.3970	4500.0	125	18182	No
37	GOM_NL__2PRFIN20050822_065536_000000532040_00092_18182_6026.N1	22-AUG-2005 06:55:36	Twilight_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	18182	No
38	GOM_NL__2PRFIN20050822_070556_000000442040_00092_18182_6027.N1	22-AUG-2005 07:05:56	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18182	No
39	GOM_NL__2PRFIN20050822_070902_000000402040_00092_18182_6028.N1	22-AUG-2005 07:09:02	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	18182	No
40	GOM_NL__2PRFIN20050822_072809_000000432040_00092_18182_6029.N1	22-AUG-2005 07:28:09	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	18182	No
41	GOM_NL__2PRFIN20050822_073023_000000112040_00092_18182_6030.N1	22-AUG-2005 07:30:23	Straylight	11.000	76	27Gam Cas	2.3000	30000.	22	18182	No
42	GOM_NL__2PRFIN20050822_074354_000000512040_00092_18182_6031.N1	22-AUG-2005 07:43:54	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	18182	No

43	GOM_NL__2PRFIN20050822_074704_00000422040_00092_18182_6032.N1	22-AUG-2005 07:47:04	Bright	41.500	107	37The Aur	2.6490	11000.	83	18182	No
44	GOM_NL__2PRFIN20050822_075022_00000512040_00092_18182_6033.N1	22-AUG-2005 07:50:22	Twilight	51.000	28	12Bet Tau	1.6500	15200.	102	18182	No
45	GOM_NL__2PRFIN20050822_075256_00000472040_00092_18182_6034.N1	22-AUG-2005 07:52:56	Twilight	47.000	176	23Zet Tau	3.0200	22000.	94	18182	No
46	GOM_NL__2PRFIN20050822_075706_00000452040_00092_18182_6035.N1	22-AUG-2005 07:57:06	Dark	44.500	14	58Alp Ori	0.87000	3000.0	89	18182	No
47	GOM_NL__2PRFIN20050822_075838_00000572040_00092_18182_6036.N1	22-AUG-2005 07:58:38	Dark	57.000	27	24Gam Ori	1.6360	26000.	114	18182	No
48	GOM_NL__2PRFIN20050822_080035_00000542040_00092_18182_6037.N1	22-AUG-2005 08:00:35	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	18182	No
49	GOM_NL__2PRFIN20050822_080204_00000512040_00092_18182_6038.N1	22-AUG-2005 08:02:04	Dark	50.500	125	44Iot Ori	2.7700	30000.	101	18182	No
50	GOM_NL__2PRFIN20050822_080354_00000642040_00092_18182_6039.N1	22-AUG-2005 08:03:54	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	18182	No
51	GOM_NL__2PRFIN20050822_080533_00000512040_00092_18182_6040.N1	22-AUG-2005 08:05:33	Dark	50.500	101	11Alp Lep	2.5820	7000.0	101	18182	No
52	GOM_NL__2PRFIN20050822_082004_00000542040_00093_18183_6024.N1	22-AUG-2005 08:20:04	Dark	54.000	157	The1Eri	2.9060	9300.0	108	18183	No
53	GOM_NL__2PRFIN20050822_082917_00000572040_00093_18183_6025.N1	22-AUG-2005 08:29:17	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	18183	No
54	GOM_NL__2PRFIN20050822_083613_00000522040_00093_18183_6026.N1	22-AUG-2005 08:36:13	Twilight	51.500	18	24Alp PsA	1.1660	9700.0	103	18183	No
55	GOM_NL__2PRFIN20050822_084632_00000442040_00093_18183_6027.N1	22-AUG-2005 08:46:32	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18183	No
56	GOM_NL__2PRFIN20050822_084938_00000412040_00093_18183_6028.N1	22-AUG-2005 08:49:38	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	18183	No
57	GOM_NL__2PRFIN20050822_090844_00000462040_00093_18183_6029.N1	22-AUG-2005 09:08:44	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	18183	No
58	GOM_NL__2PRFIN20050822_091058_00000112040_00093_18183_6030.N1	22-AUG-2005 09:10:58	Straylight	11.000	76	27Gam Cas	2.3000	30000.	22	18183	No
59	GOM_NL__2PRFIN20050822_092430_00000662040_00093_18183_6031.N1	22-AUG-2005 09:24:30	Bright	66.000	6	13Alp Aur	0.080000	3400.0	132	18183	No
60	GOM_NL__2PRFIN20050822_092740_00000422040_00093_18183_6032.N1	22-AUG-2005 09:27:40	Bright	41.500	107	37The Aur	2.6490	11000.	83	18183	No
61	GOM_NL__2PRFIN20050822_093058_00000482040_00093_18183_6033.N1	22-AUG-2005 09:30:58	Twilight	47.500	28	12Bet Tau	1.6500	15200.	95	18183	No
62	GOM_NL__2PRFIN20050822_093332_00000462040_00093_18183_6034.N1	22-AUG-2005 09:33:32	Twilight	45.500	176	23Zet Tau	3.0200	22000.	91	18183	No
63	GOM_NL__2PRFIN20050822_093742_00000592040_00093_18183_6035.N1	22-AUG-2005 09:37:42	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	18183	No
64	GOM_NL__2PRFIN20050822_093915_00000582040_00093_18183_6036.N1	22-AUG-2005 09:39:15	Dark	57.500	27	24Gam Ori	1.6360	26000.	115	18183	No
65	GOM_NL__2PRFIN20050822_094112_00000562040_00093_18183_6037.N1	22-AUG-2005 09:41:12	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	18183	No
66	GOM_NL__2PRFIN20050822_094240_00000502040_00093_18183_6038.N1	22-AUG-2005 09:42:40	Dark	50.000	125	44Iot Ori	2.7700	30000.	100	18183	No
67	GOM_NL__2PRFIN20050822_094431_00000602040_00093_18183_6039.N1	22-AUG-2005 09:44:31	Dark	60.000	7	19Bet Ori	0.10000	14000.	120	18183	No
68	GOM_NL__2PRFIN20050822_094610_00000502040_00093_18183_6040.N1	22-AUG-2005 09:46:10	Dark	49.500	101	11Alp Lep	2.5820	7000.0	99	18183	No
69	GOM_NL__2PRFIN20050822_100041_00000532040_00094_18184_6024.N1	22-AUG-2005 10:00:41	Dark	52.500	157	The1Eri	2.9060	9300.0	105	18184	No
70	GOM_NL__2PRFIN20050822_100954_00000522040_00094_18184_6025.N1	22-AUG-2005 10:09:54	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	18184	No
71	GOM_NL__2PRFIN20050822_101649_00000512040_00094_18184_6026.N1	22-AUG-2005 10:16:49	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	18184	No
72	GOM_NL__2PRFIN20050822_102708_00000442040_00094_18184_6027.N1	22-AUG-2005 10:27:08	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18184	No
73	GOM_NL__2PRFIN20050822_103013_00000402040_00094_18184_6028.N1	22-AUG-2005 10:30:13	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	18184	No
74	GOM_NL__2PRFIN20050822_104919_00000462040_00094_18184_6029.N1	22-AUG-2005 10:49:19	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	18184	No
75	GOM_NL__2PRFIN20050822_105133_00000122040_00094_18184_6030.N1	22-AUG-2005 10:51:33	Straylight	12.000	76	27Gam Cas	2.3000	30000.	24	18184	No
76	GOM_NL__2PRFIN20050822_110505_00000502040_00094_18184_6031.N1	22-AUG-2005 11:05:05	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	18184	No
77	GOM_NL__2PRFIN20050822_110815_00000462040_00094_18184_6032.N1	22-AUG-2005 11:08:15	Bright	45.500	107	37The Aur	2.6490	11000.	91	18184	No
78	GOM_NL__2PRFIN20050822_111135_00000482040_00094_18184_6033.N1	22-AUG-2005 11:11:35	Twilight	48.000	28	12Bet Tau	1.6500	15200.	96	18184	No
79	GOM_NL__2PRFIN20050822_111408_00000532040_00094_18184_6034.N1	22-AUG-2005 11:14:08	Twilight	52.500	176	23Zet Tau	3.0200	22000.	105	18184	No
80	GOM_NL__2PRFIN20050822_111819_00000572040_00094_18184_6035.N1	22-AUG-2005 11:18:19	Dark	57.000	14	58Alp Ori	0.87000	3000.0	114	18184	No
81	GOM_NL__2PRFIN20050822_111951_00000592040_00094_18184_6036.N1	22-AUG-2005 11:19:51	Dark	58.500	27	24Gam Ori	1.6360	26000.	117	18184	No
82	GOM_NL__2PRFIN20050822_112148_00000562040_00094_18184_6037.N1	22-AUG-2005 11:21:48	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	18184	No
83	GOM_NL__2PRFIN20050822_112317_00000522040_00094_18184_6038.N1	22-AUG-2005 11:23:17	Dark	51.500	125	44Iot Ori	2.7700	30000.	103	18184	No
84	GOM_NL__2PRFIN20050822_112508_00000612040_00094_18184_6039.N1	22-AUG-2005 11:25:08	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	18184	No
85	GOM_NL__2PRFIN20050822_112646_00000502040_00094_18184_6040.N1	22-AUG-2005 11:26:46	Dark	49.500	101	11Alp Lep	2.5820	7000.0	99	18184	No
86	GOM_NL__2PRFIN20050822_114118_00000522040_00095_18185_6024.N1	22-AUG-2005 11:41:18	Dark	52.000	157	The1Eri	2.9060	9300.0	104	18185	No
87	GOM_NL__2PRFIN20050822_115030_00000532040_00095_18185_6025.N1	22-AUG-2005 11:50:30	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	18185	No
88	GOM_NL__2PRFIN20050822_115725_00000502040_00095_18185_6026.N1	22-AUG-2005 11:57:25	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	18185	No
89	GOM_NL__2PRFIN20050822_120744_00000432040_00095_18185_6027.N1	22-AUG-2005 12:07:44	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18185	No
90	GOM_NL__2PRFIN20050822_121049_00000402040_00095_18185_6028.N1	22-AUG-2005 12:10:49	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	18185	No
91	GOM_NL__2PRFIN20050822_122955_00000472040_00095_18185_6029.N1	22-AUG-2005 12:29:55	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	18185	No
92	GOM_NL__2PRFIN20050822_123208_00000122040_00095_18185_6030.N1	22-AUG-2005 12:32:08	Straylight	12.000	76	27Gam Cas	2.3000	30000.	24	18185	No
93	GOM_NL__2PRFIN20050822_124541_00000532040_00095_18185_6031.N1	22-AUG-2005 12:45:41	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	18185	No
94	GOM_NL__2PRFIN20050822_124851_00000412040_00095_18185_6032.N1	22-AUG-2005 12:48:51	Bright	41.000	107	37The Aur	2.6490	11000.	82	18185	No
95	GOM_NL__2PRFIN20050822_125211_00000562040_00095_18185_6033.N1	22-AUG-2005 12:52:11	Twilight	56.000	28	12Bet Tau	1.6500	15200.	112	18185	No
96	GOM_NL__2PRFIN20050822_125445_00000532040_00095_18185_6034.N1	22-AUG-2005 12:54:45	Twilight	52.500	176	23Zet Tau	3.0200	22000.	105	18185	No
97	GOM_NL__2PRFIN20050822_125855_00000652040_00095_18185_6035.N1	22-AUG-2005 12:58:55	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	18185	No
98	GOM_NL__2PRFIN20050822_130028_00000552040_00095_18185_6036.N1	22-AUG-2005 13:00:28	Dark	55.000	27	24Gam Ori	1.6360	26000.	110	18185	No
99	GOM_NL__2PRFIN20050822_130225_00000552040_00095_18185_6037.N1	22-AUG-2005 13:02:25	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	18185	No
100	GOM_NL__2PRFIN20050822_130354_00000502040_00095_18185_6038.N1	22-AUG-2005 13:03:54	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	18185	No
101	GOM_NL__2PRFIN20050822_130545_00000622040_00095_18185_6039.N1	22-AUG-2005 13:05:45	Dark	61.500	7	19Bet Ori	0.10000	14000.	123	18185	No

102	GOM_NL__2PRFIN20050822_130723_000000522040_00095_18185_6040.N1	22-AUG-2005 13:07:23	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	18185	No
103	GOM_NL__2PRFIN20050822_132155_000000522040_00096_18186_6024.N1	22-AUG-2005 13:21:55	Dark	52.000	157	The1Eri	2.9060	9300.0	104	18186	No
104	GOM_NL__2PRFIN20050822_133107_000000542040_00096_18186_6025.N1	22-AUG-2005 13:31:07	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	18186	No
105	GOM_NL__2PRFIN20050822_133801_000000522040_00096_18186_6026.N1	22-AUG-2005 13:38:01	Tw_i_and_stray	52.000	18	24Alp PsA	1.1660	9700.0	104	18186	No
106	GOM_NL__2PRFIN20050822_134819_000000432040_00096_18186_6027.N1	22-AUG-2005 13:48:19	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18186	No
107	GOM_NL__2PRFIN20050822_135125_000000402040_00096_18186_6028.N1	22-AUG-2005 13:51:25	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	18186	No
108	GOM_NL__2PRFIN20050822_141030_000000422040_00096_18186_6029.N1	22-AUG-2005 14:10:30	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	18186	No
109	GOM_NL__2PRFIN20050822_141244_000000142040_00096_18186_6030.N1	22-AUG-2005 14:12:44	Tw_i_and_stray	14.000	76	27Gam Cas	2.3000	30000.	28	18186	No
110	GOM_NL__2PRFIN20050822_142617_000000502040_00096_18186_6031.N1	22-AUG-2005 14:26:17	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	18186	No
111	GOM_NL__2PRFIN20050822_142927_000000412040_00096_18186_6032.N1	22-AUG-2005 14:29:27	Bright	41.000	107	37The Aur	2.6490	11000.	82	18186	No
112	GOM_NL__2PRFIN20050822_143247_000000562040_00096_18186_6033.N1	22-AUG-2005 14:32:47	Tw_i_and_stray	56.000	28	12Bet Tau	1.6500	15200.	112	18186	No
113	GOM_NL__2PRFIN20050822_143521_000000512040_00096_18186_6034.N1	22-AUG-2005 14:35:21	Tw_i_and_stray	50.500	176	23Zet Tau	3.0200	22000.	101	18186	No
114	GOM_NL__2PRFIN20050822_143932_000000582040_00096_18186_6035.N1	22-AUG-2005 14:39:32	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	18186	No
115	GOM_NL__2PRFIN20050822_144105_000000572040_00096_18186_6036.N1	22-AUG-2005 14:41:05	Dark	57.000	27	24Gam Ori	1.6360	26000.	114	18186	No
116	GOM_NL__2PRFIN20050822_144302_000000552040_00096_18186_6037.N1	22-AUG-2005 14:43:02	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	18186	No
117	GOM_NL__2PRFIN20050822_144431_000000522040_00096_18186_6038.N1	22-AUG-2005 14:44:31	Dark	51.500	125	44lot Ori	2.7700	30000.	103	18186	No
118	GOM_NL__2PRFIN20050822_144622_000000612040_00096_18186_6039.N1	22-AUG-2005 14:46:22	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	18186	No
119	GOM_NL__2PRFIN20050822_144800_000000482040_00096_18186_6040.N1	22-AUG-2005 14:48:00	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	18186	No
120	GOM_NL__2PRFIN20050822_150232_000000522040_00097_18187_6024.N1	22-AUG-2005 15:02:32	Dark	51.500	157	The1Eri	2.9060	9300.0	103	18187	No
121	GOM_NL__2PRFIN20050822_151144_000000592040_00097_18187_6025.N1	22-AUG-2005 15:11:44	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	18187	No
122	GOM_NL__2PRFIN20050822_151838_000000512040_00097_18187_6026.N1	22-AUG-2005 15:18:38	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	18187	No
123	GOM_NL__2PRFIN20050822_152855_000000432040_00097_18187_6027.N1	22-AUG-2005 15:28:55	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18187	No
124	GOM_NL__2PRFIN20050822_153200_000000402040_00097_18187_6028.N1	22-AUG-2005 15:32:00	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	18187	No
125	GOM_NL__2PRFIN20050822_155105_000000462040_00097_18187_6029.N1	22-AUG-2005 15:51:05	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	18187	No
126	GOM_NL__2PRFIN20050822_155319_000000142040_00097_18187_6030.N1	22-AUG-2005 15:53:19	Tw_i_and_stray	14.000	76	27Gam Cas	2.3000	30000.	28	18187	No
127	GOM_NL__2PRFIN20050822_160653_000000532040_00097_18187_6031.N1	22-AUG-2005 16:06:53	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	18187	No
128	GOM_NL__2PRFIN20050822_161003_000000612040_00097_18187_6032.N1	22-AUG-2005 16:10:03	Bright	61.000	107	37The Aur	2.6490	11000.	122	18187	No
129	GOM_NL__2PRFIN20050822_161323_000000542040_00097_18187_6033.N1	22-AUG-2005 16:13:23	Tw_i_and_stray	53.500	28	12Bet Tau	1.6500	15200.	107	18187	No
130	GOM_NL__2PRFIN20050822_161557_000000492040_00097_18187_6034.N1	22-AUG-2005 16:15:57	Tw_i_and_stray	48.500	176	23Zet Tau	3.0200	22000.	97	18187	No
131	GOM_NL__2PRFIN20050822_162008_000000592040_00097_18187_6035.N1	22-AUG-2005 16:20:08	Dark	58.500	14	58Alp Ori	0.87000	3000.0	117	18187	No
132	GOM_NL__2PRFIN20050822_162141_000000612040_00097_18187_6036.N1	22-AUG-2005 16:21:41	Dark	61.000	27	24Gam Ori	1.6360	26000.	122	18187	No
133	GOM_NL__2PRFIN20050822_162339_000000572040_00097_18187_6037.N1	22-AUG-2005 16:23:39	Dark	56.500	30	46Eps Ori	1.6940	30000.	113	18187	No
134	GOM_NL__2PRFIN20050822_162507_000000472040_00097_18187_6038.N1	22-AUG-2005 16:25:07	Dark	47.000	125	44lot Ori	2.7700	30000.	94	18187	No
135	GOM_NL__2PRFIN20050822_162659_000000612040_00097_18187_6039.N1	22-AUG-2005 16:26:59	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	18187	No
136	GOM_NL__2PRFIN20050822_162837_000000482040_00097_18187_6040.N1	22-AUG-2005 16:28:37	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	18187	No
137	GOM_NL__2PRFIN20050822_164310_000000542040_00098_18188_6024.N1	22-AUG-2005 16:43:10	Dark	53.500	157	The1Eri	2.9060	9300.0	107	18188	No
138	GOM_NL__2PRFIN20050822_165220_000000582040_00098_18188_6025.N1	22-AUG-2005 16:52:20	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	18188	No
139	GOM_NL__2PRFIN20050822_165914_000000522040_00098_18188_6026.N1	22-AUG-2005 16:59:14	Tw_i_and_stray	52.000	18	24Alp PsA	1.1660	9700.0	104	18188	No
140	GOM_NL__2PRFIN20050822_170931_000000442040_00098_18188_6027.N1	22-AUG-2005 17:09:31	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18188	No
141	GOM_NL__2PRFIN20050822_171236_000000402040_00098_18188_6028.N1	22-AUG-2005 17:12:36	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	18188	No
142	GOM_NL__2PRFIN20050822_173140_000000472040_00098_18188_6029.N1	22-AUG-2005 17:31:40	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	18188	No
143	GOM_NL__2PRFIN20050822_173354_000000152040_00098_18188_6030.N1	22-AUG-2005 17:33:54	Tw_i_and_stray	15.000	76	27Gam Cas	2.3000	30000.	30	18188	No
144	GOM_NL__2PRFIN20050822_174729_000000522040_00098_18188_6031.N1	22-AUG-2005 17:47:29	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	18188	No
145	GOM_NL__2PRFIN20050822_175039_000000442040_00098_18188_6032.N1	22-AUG-2005 17:50:39	Bright	43.500	107	37The Aur	2.6490	11000.	87	18188	No
146	GOM_NL__2PRFIN20050822_175359_000000592040_00098_18188_6033.N1	22-AUG-2005 17:53:59	Tw_i_and_stray	58.500	28	12Bet Tau	1.6500	15200.	117	18188	No
147	GOM_NL__2PRFIN20050822_175634_000000492040_00098_18188_6034.N1	22-AUG-2005 17:56:34	Tw_i_and_stray	49.000	176	23Zet Tau	3.0200	22000.	98	18188	No
148	GOM_NL__2PRFIN20050822_180045_000000652040_00098_18188_6035.N1	22-AUG-2005 18:00:45	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	18188	No
149	GOM_NL__2PRFIN20050822_180218_000000592040_00098_18188_6036.N1	22-AUG-2005 18:02:18	Dark	58.500	27	24Gam Ori	1.6360	26000.	117	18188	No
150	GOM_NL__2PRFIN20050822_180416_000000502040_00098_18188_6037.N1	22-AUG-2005 18:04:16	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	18188	No
151	GOM_NL__2PRFIN20050822_180544_000000482040_00098_18188_6038.N1	22-AUG-2005 18:05:44	Dark	48.000	125	44lot Ori	2.7700	30000.	96	18188	No
152	GOM_NL__2PRFIN20050822_180736_000000622040_00098_18188_6039.N1	22-AUG-2005 18:07:36	Dark	61.500	7	19Bet Ori	0.10000	14000.	123	18188	No
153	GOM_NL__2PRFIN20050822_182347_000000542040_00099_18189_6044.N1	22-AUG-2005 18:23:47	Dark	54.000	157	The1Eri	2.9060	9300.0	108	18189	No
154	GOM_NL__2PRFIN20050822_183257_000000612040_00099_18189_6045.N1	22-AUG-2005 18:32:57	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	18189	No
155	GOM_NL__2PRFIN20050822_183950_000000542040_00099_18189_6046.N1	22-AUG-2005 18:39:50	Tw_i_and_stray	53.500	18	24Alp PsA	1.1660	9700.0	107	18189	No
156	GOM_NL__2PRFIN20050822_185007_000000442040_00099_18189_6047.N1	22-AUG-2005 18:50:07	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18189	No
157	GOM_NL__2PRFIN20050822_185312_000000412040_00099_18189_6048.N1	22-AUG-2005 18:53:12	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	18189	No
158	GOM_NL__2PRFIN20050822_191215_000000452040_00099_18189_6049.N1	22-AUG-2005 19:12:15	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	18189	No
159	GOM_NL__2PRFIN20050822_191429_000000152040_00099_18189_6050.N1	22-AUG-2005 19:14:29	Tw_i_and_stray	15.000	76	27Gam Cas	2.3000	30000.	30	18189	No
160	GOM_NL__2PRFIN20050822_192804_000000502040_00099_18189_6051.N1	22-AUG-2005 19:28:04	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	18189	No

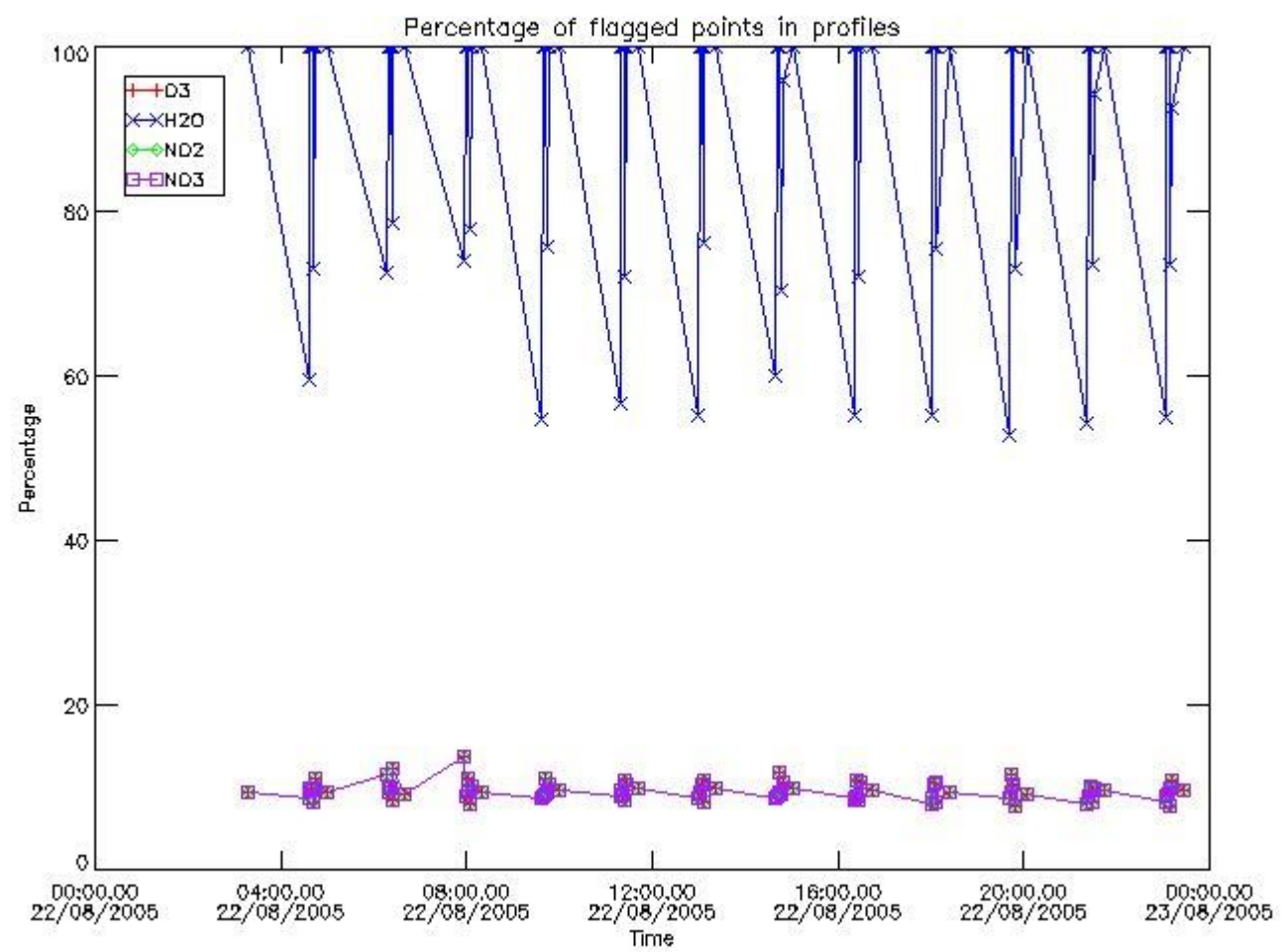


161	GOM_NL__2PRFIN20050822_193116_000000412040_00099_18189_6052.N1	22-AUG-2005 19:31:16	Bright	41.000	107	37The Aur	2.6490	11000.	82	18189	No
162	GOM_NL__2PRFIN20050822_193435_000000592040_00099_18189_6053.N1	22-AUG-2005 19:34:35	Twilight	59.000	28	12Bet Tau	1.6500	15200.	118	18189	No
163	GOM_NL__2PRFIN20050822_193710_000000532040_00099_18189_6054.N1	22-AUG-2005 19:37:10	Twilight	53.000	176	23Zet Tau	3.0200	22000.	106	18189	No
164	GOM_NL__2PRFIN20050822_194121_000000652040_00099_18189_6055.N1	22-AUG-2005 19:41:21	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	18189	No
165	GOM_NL__2PRFIN20050822_194255_000000542040_00099_18189_6056.N1	22-AUG-2005 19:42:55	Dark	54.000	27	24Gam Ori	1.6360	26000.	108	18189	No
166	GOM_NL__2PRFIN20050822_194452_000000482040_00099_18189_6057.N1	22-AUG-2005 19:44:52	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	18189	No
167	GOM_NL__2PRFIN20050822_194621_000000492040_00099_18189_6058.N1	22-AUG-2005 19:46:21	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	18189	No
168	GOM_NL__2PRFIN20050822_194813_000000662040_00099_18189_6059.N1	22-AUG-2005 19:48:13	Dark	65.500	7	19Bet Ori	0.10000	14000.	131	18189	No
169	GOM_NL__2PRFIN20050822_200424_000000552040_00100_18190_6044.N1	22-AUG-2005 20:04:24	Dark	55.000	157	The1Eri	2.9060	9300.0	110	18190	No
170	GOM_NL__2PRFIN20050822_201334_000000492040_00100_18190_6045.N1	22-AUG-2005 20:13:34	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	18190	No
171	GOM_NL__2PRFIN20050822_202027_000000552040_00100_18190_6046.N1	22-AUG-2005 20:20:27	Twilight	54.500	18	24Alp PsA	1.1660	9700.0	109	18190	No
172	GOM_NL__2PRFIN20050822_203043_000000442040_00100_18190_6047.N1	22-AUG-2005 20:30:43	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	18190	No
173	GOM_NL__2PRFIN20050822_203348_000000402040_00100_18190_6048.N1	22-AUG-2005 20:33:48	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	18190	No
174	GOM_NL__2PRFIN20050822_205251_000000452040_00100_18190_6049.N1	22-AUG-2005 20:52:51	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	18190	No
175	GOM_NL__2PRFIN20050822_205504_000000172040_00100_18190_6050.N1	22-AUG-2005 20:55:04	Twilight	17.000	76	27Gam Cas	2.3000	30000.	34	18190	No
176	GOM_NL__2PRFIN20050822_210840_000000512040_00100_18190_6051.N1	22-AUG-2005 21:08:40	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	18190	No
177	GOM_NL__2PRFIN20050822_211151_000000412040_00100_18190_6052.N1	22-AUG-2005 21:11:51	Bright	41.000	107	37The Aur	2.6490	11000.	82	18190	No
178	GOM_NL__2PRFIN20050822_211512_000000562040_00100_18190_6053.N1	22-AUG-2005 21:15:12	Twilight	56.000	28	12Bet Tau	1.6500	15200.	112	18190	No
179	GOM_NL__2PRFIN20050822_211746_000000512040_00100_18190_6054.N1	22-AUG-2005 21:17:46	Twilight	51.000	176	23Zet Tau	3.0200	22000.	102	18190	No
180	GOM_NL__2PRFIN20050822_212158_000000652040_00100_18190_6055.N1	22-AUG-2005 21:21:58	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	18190	No
181	GOM_NL__2PRFIN20050822_212332_000000572040_00100_18190_6056.N1	22-AUG-2005 21:23:32	Dark	57.000	27	24Gam Ori	1.6360	26000.	114	18190	No
182	GOM_NL__2PRFIN20050822_212529_000000562040_00100_18190_6057.N1	22-AUG-2005 21:25:29	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	18190	No
183	GOM_NL__2PRFIN20050822_212658_000000512040_00100_18190_6058.N1	22-AUG-2005 21:26:58	Dark	51.000	125	44Iot Ori	2.7700	30000.	102	18190	No
184	GOM_NL__2PRFIN20050822_212850_000000632040_00100_18190_6059.N1	22-AUG-2005 21:28:50	Dark	62.500	7	19Bet Ori	0.10000	14000.	125	18190	No
185	GOM_NL__2PRFIN20050822_213127_000000522040_00100_18190_6060.N1	22-AUG-2005 21:31:27	Dark	52.000	139	9Bet Lep	2.8330	5600.0	104	18190	No
186	GOM_NL__2PRFIN20050822_214501_000000542040_00101_18191_6044.N1	22-AUG-2005 21:45:01	Dark	53.500	157	The1Eri	2.9060	9300.0	107	18191	No
187	GOM_NL__2PRFIN20050822_215410_000000602040_00101_18191_6045.N1	22-AUG-2005 21:54:10	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	18191	No
188	GOM_NL__2PRFIN20050822_220103_000000542040_00101_18191_6046.N1	22-AUG-2005 22:01:03	Twilight	53.500	18	24Alp PsA	1.1660	9700.0	107	18191	No
189	GOM_NL__2PRFIN20050822_221119_000000442040_00101_18191_6047.N1	22-AUG-2005 22:11:19	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18191	No
190	GOM_NL__2PRFIN20050822_221423_000000412040_00101_18191_6048.N1	22-AUG-2005 22:14:23	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	18191	No
191	GOM_NL__2PRFIN20050822_223326_000000452040_00101_18191_6049.N1	22-AUG-2005 22:33:26	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	18191	No
192	GOM_NL__2PRFIN20050822_223539_000000172040_00101_18191_6050.N1	22-AUG-2005 22:35:39	Twilight	17.000	76	27Gam Cas	2.3000	30000.	34	18191	No
193	GOM_NL__2PRFIN20050822_224916_000000492040_00101_18191_6051.N1	22-AUG-2005 22:49:16	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	18191	No
194	GOM_NL__2PRFIN20050822_225227_000000422040_00101_18191_6052.N1	22-AUG-2005 22:52:27	Bright	42.000	107	37The Aur	2.6490	11000.	84	18191	No
195	GOM_NL__2PRFIN20050822_225548_000000532040_00101_18191_6053.N1	22-AUG-2005 22:55:48	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	18191	No
196	GOM_NL__2PRFIN20050822_225823_000000522040_00101_18191_6054.N1	22-AUG-2005 22:58:23	Twilight	51.500	176	23Zet Tau	3.0200	22000.	103	18191	No
197	GOM_NL__2PRFIN20050822_230234_000000632040_00101_18191_6055.N1	22-AUG-2005 23:02:34	Dark	62.500	14	58Alp Ori	0.87000	3000.0	125	18191	No
198	GOM_NL__2PRFIN20050822_230408_000000572040_00101_18191_6056.N1	22-AUG-2005 23:04:08	Dark	57.000	27	24Gam Ori	1.6360	26000.	114	18191	No
199	GOM_NL__2PRFIN20050822_230606_000000562040_00101_18191_6057.N1	22-AUG-2005 23:06:06	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	18191	No
200	GOM_NL__2PRFIN20050822_230734_000000522040_00101_18191_6058.N1	22-AUG-2005 23:07:34	Dark	52.000	125	44Iot Ori	2.7700	30000.	104	18191	No
201	GOM_NL__2PRFIN20050822_230927_000000672040_00101_18191_6059.N1	22-AUG-2005 23:09:27	Dark	66.500	7	19Bet Ori	0.10000	14000.	133	18191	No
202	GOM_NL__2PRFIN20050822_231204_000000482040_00101_18191_6060.N1	22-AUG-2005 23:12:04	Dark	47.500	139	9Bet Lep	2.8330	5600.0	95	18191	No
203	GOM_NL__2PRFIN20050822_232538_000000532040_00102_18192_6044.N1	22-AUG-2005 23:25:38	Dark	53.000	157	The1Eri	2.9060	9300.0	106	18192	No
204	GOM_NL__2PRFIN20050822_233447_000000622040_00102_18192_6045.N1	22-AUG-2005 23:34:47	Straylight	61.500	84	Alp Phe	2.3970	4500.0	123	18192	No
205	GOM_NL__2PRFIN20050822_234139_000000552040_00102_18192_6046.N1	22-AUG-2005 23:41:39	Twilight	54.500	18	24Alp PsA	1.1660	9700.0	109	18192	No
206	GOM_NL__2PRFIN20050822_235154_000000442040_00102_18192_6047.N1	22-AUG-2005 23:51:54	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18192	No
207	GOM_NL__2PRFIN20050822_235459_000000402040_00102_18192_6048.N1	22-AUG-2005 23:54:59	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	18192	No

### 3. Quality information per product

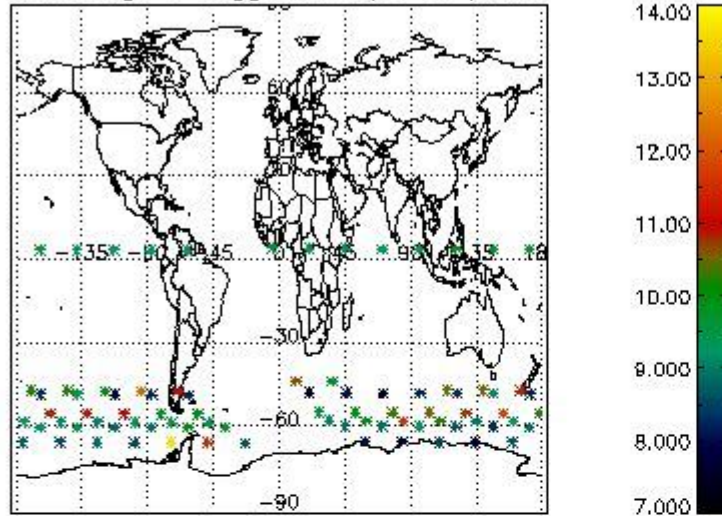
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

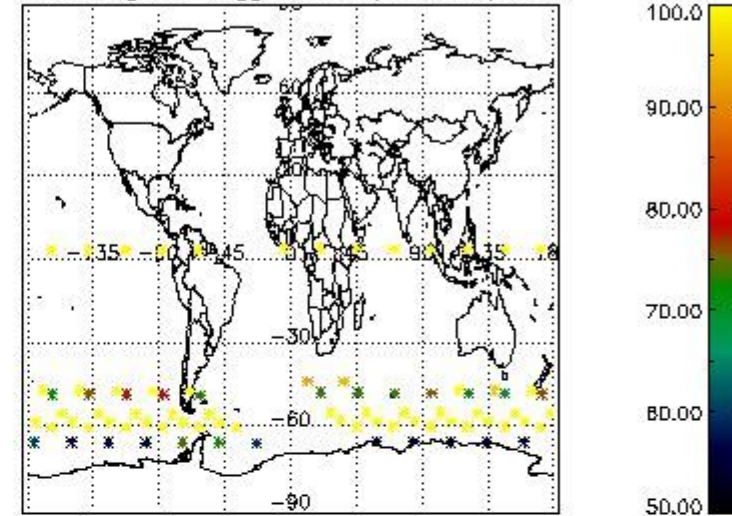


*3.2 Plot quality information per product (world map)*

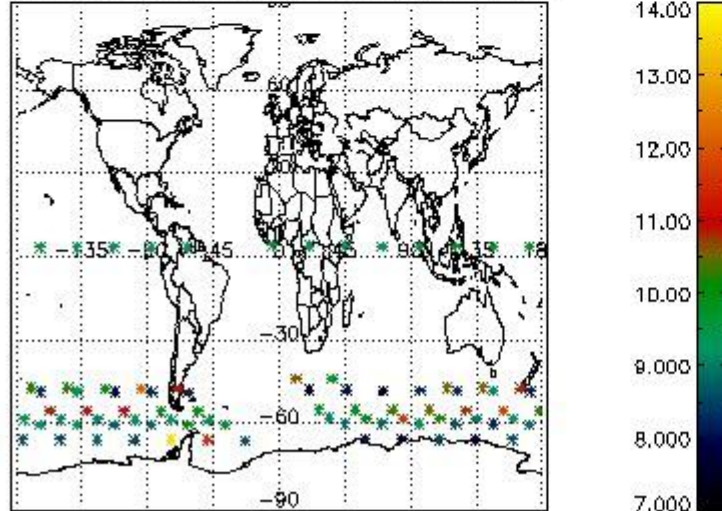
Percentage of flagged data per O3 profile



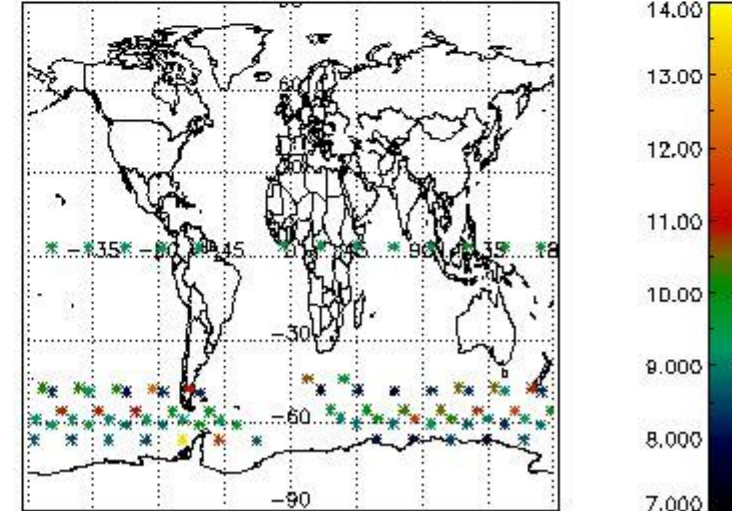
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



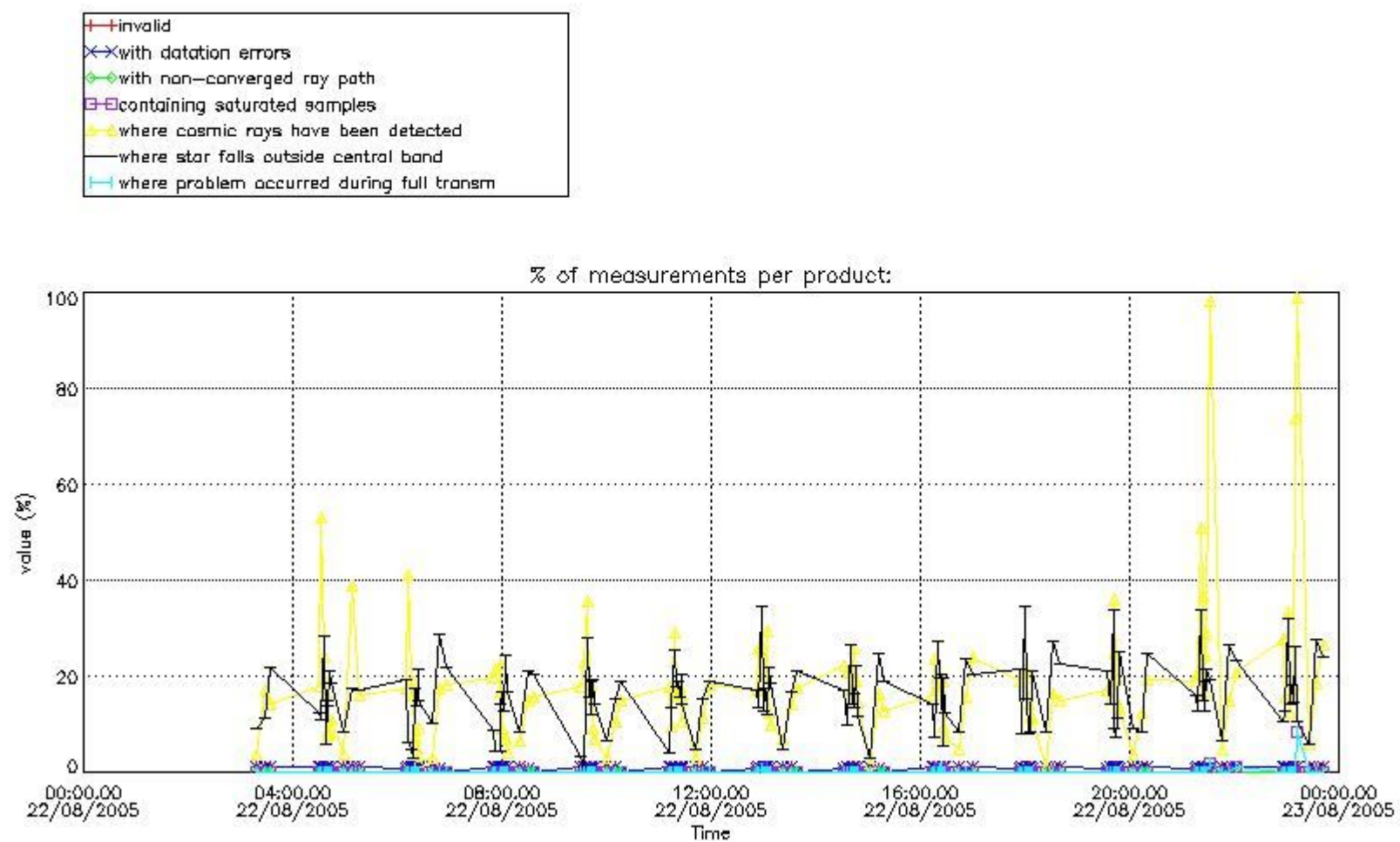
#### 4. Level 1 quality information per product

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

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

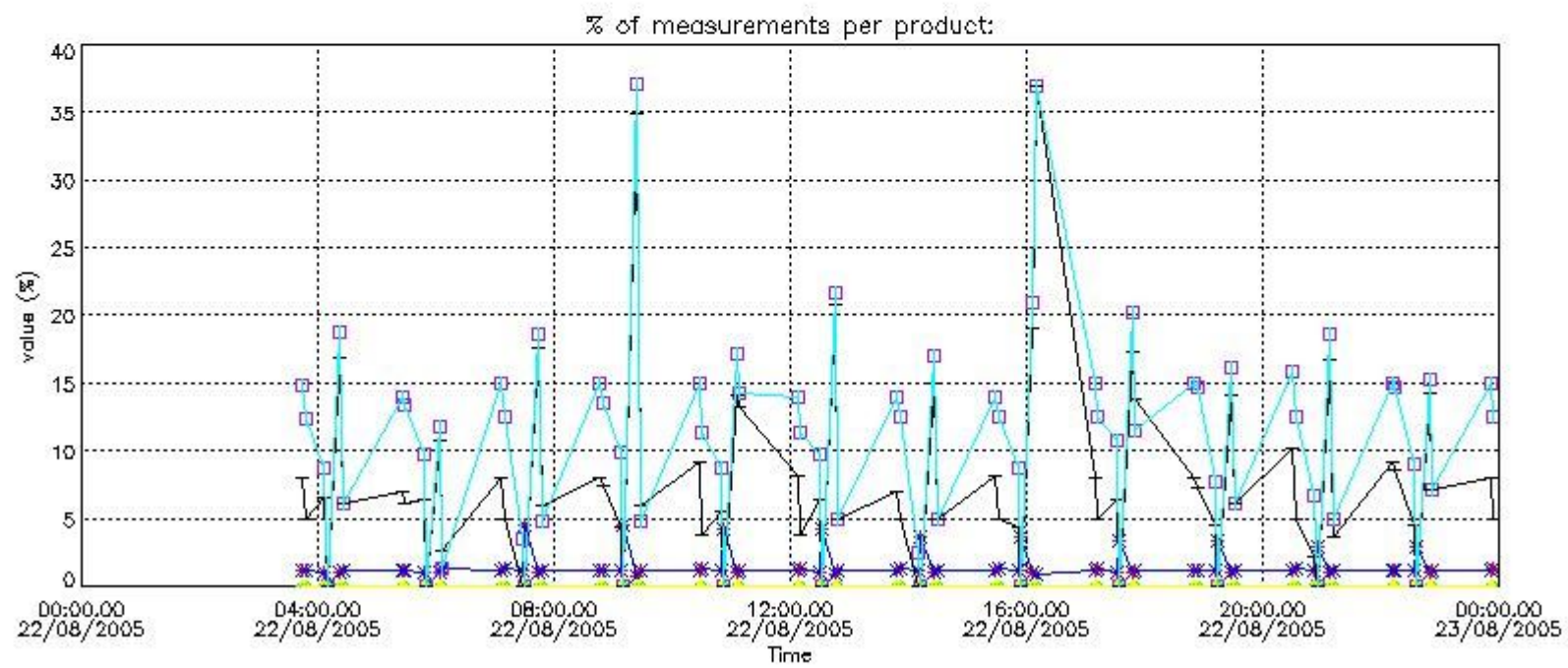
##### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





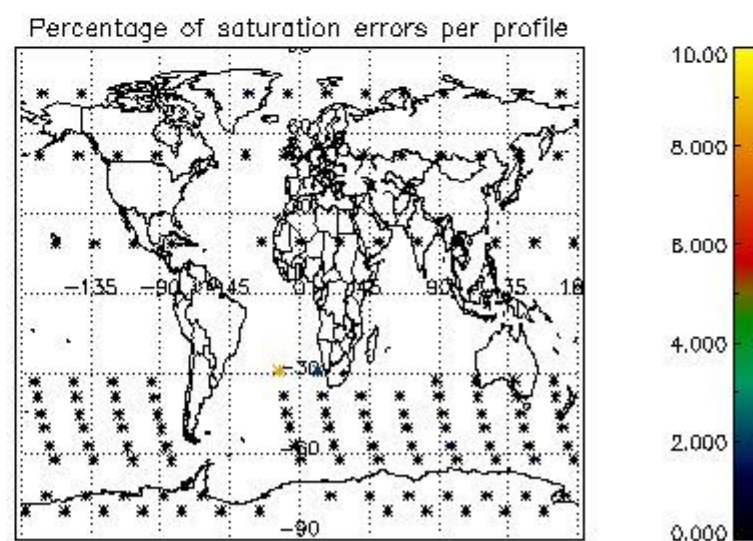
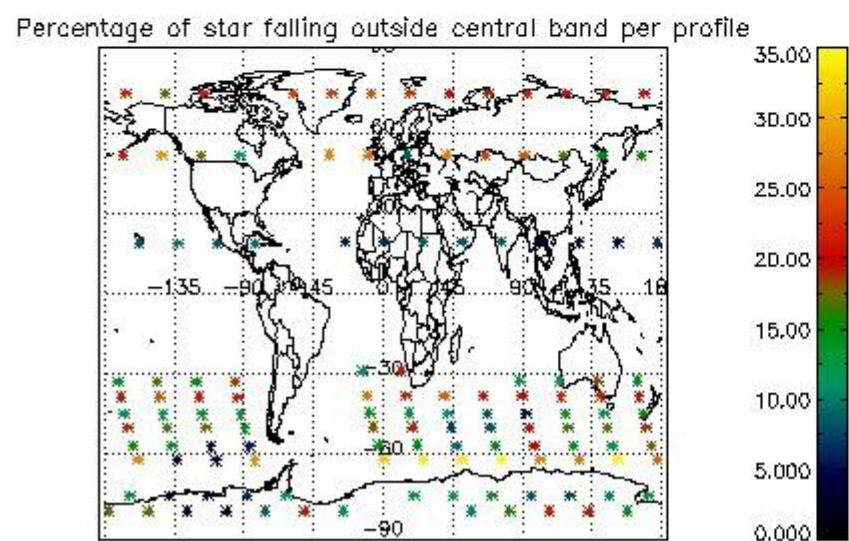
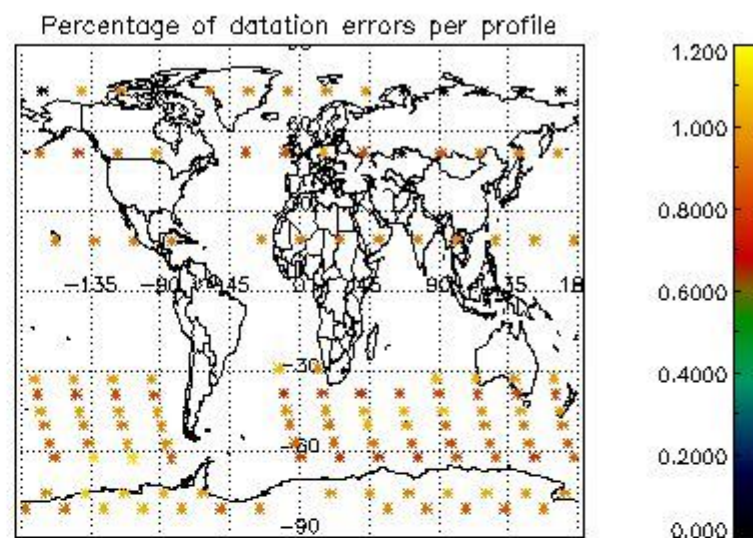
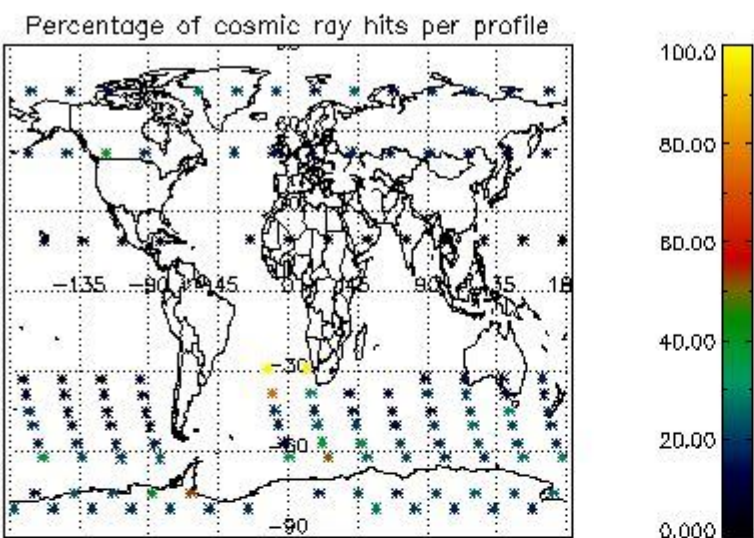
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes





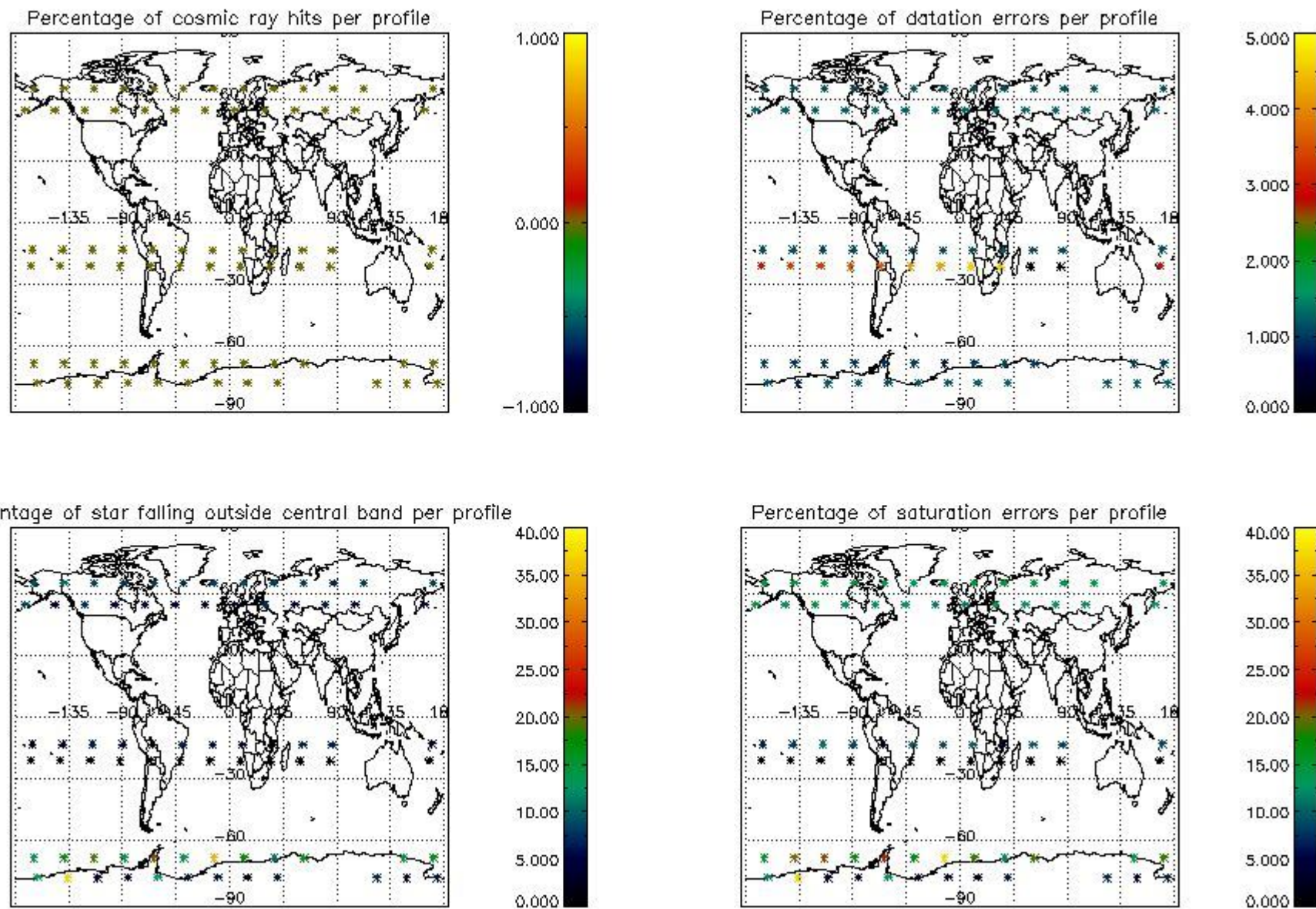
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

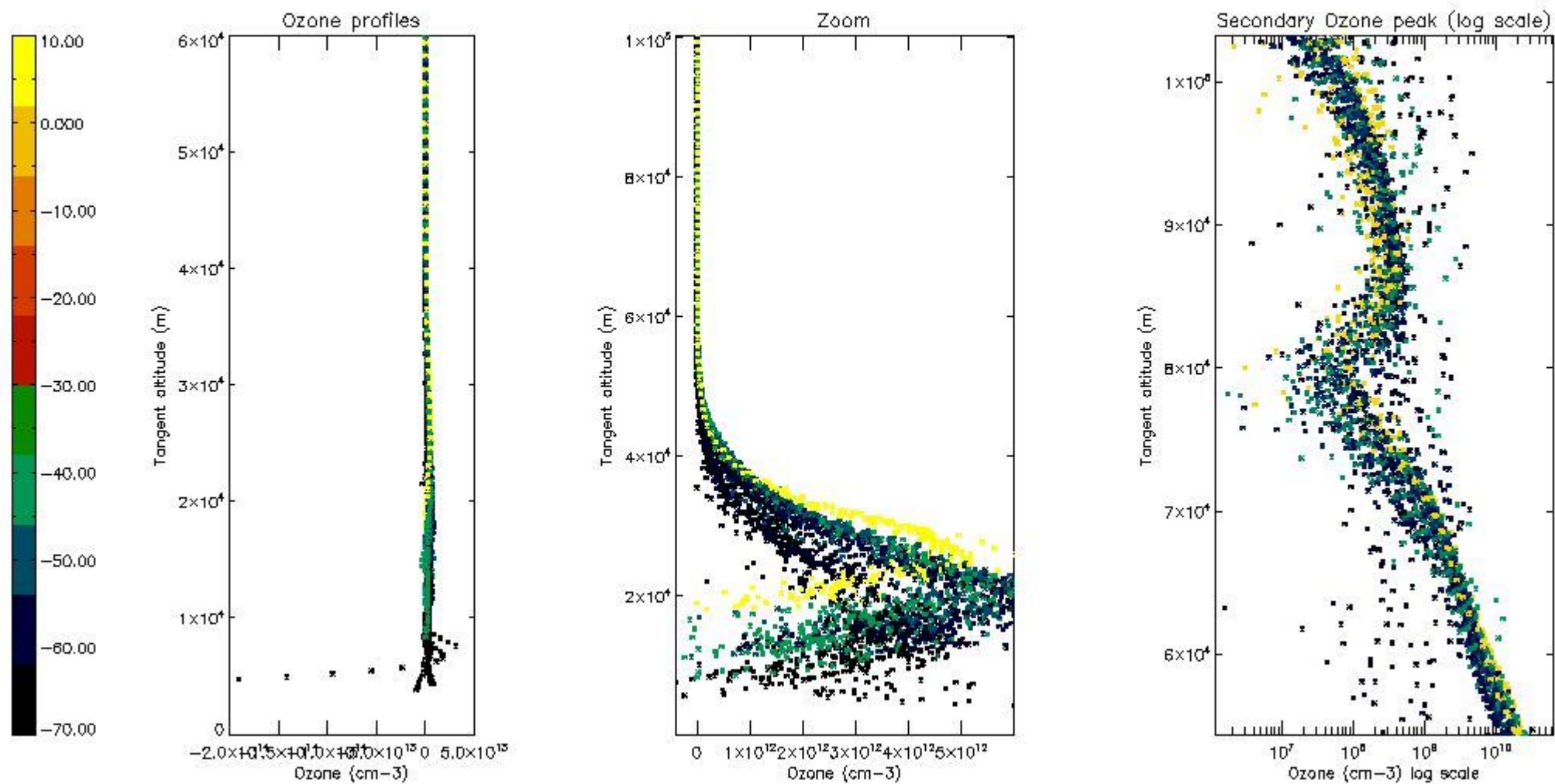
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	46
STD < 20	29

STD < 10	25
STD < 5	17

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

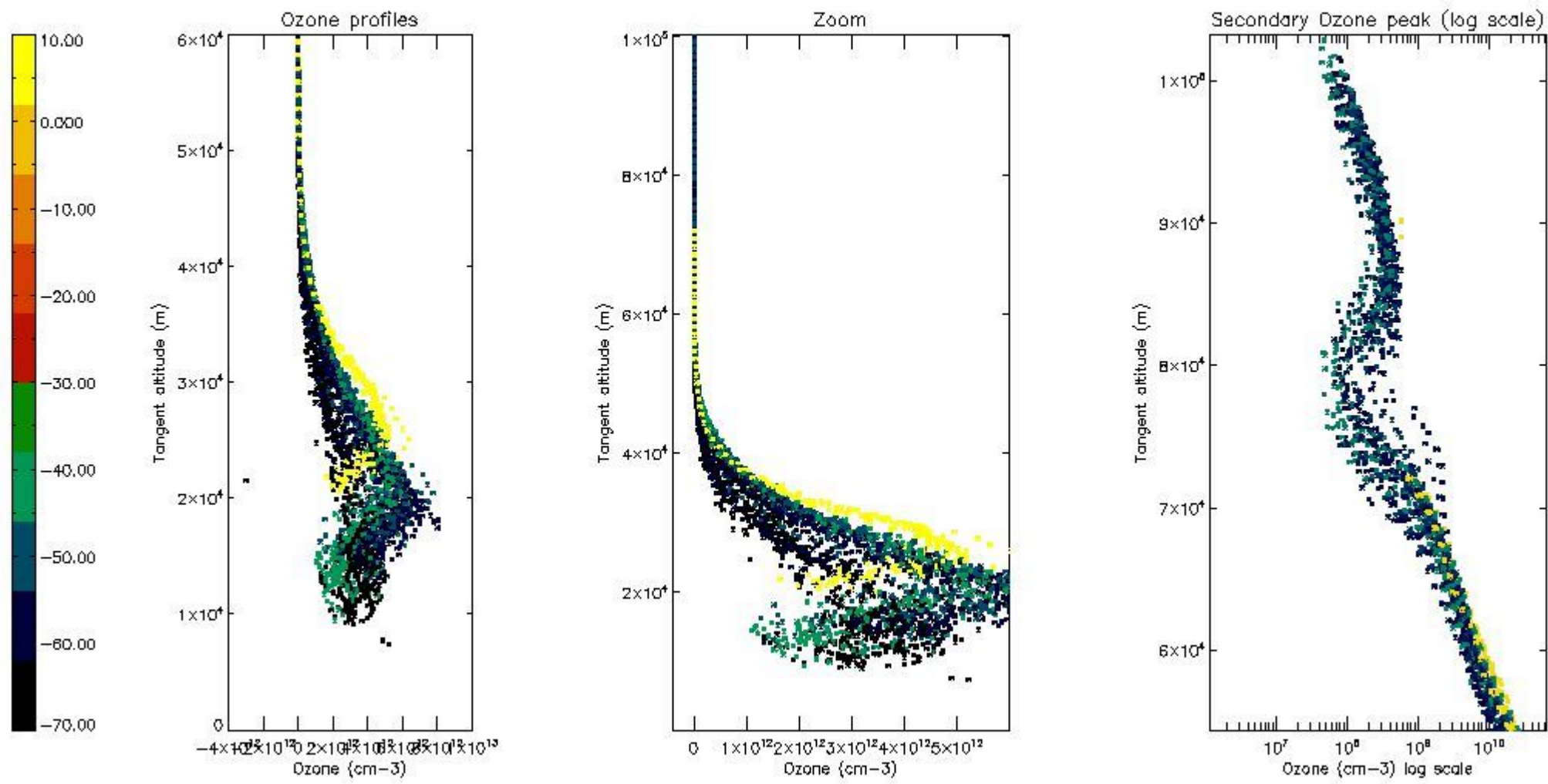
The colorbar represents the latitude.



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

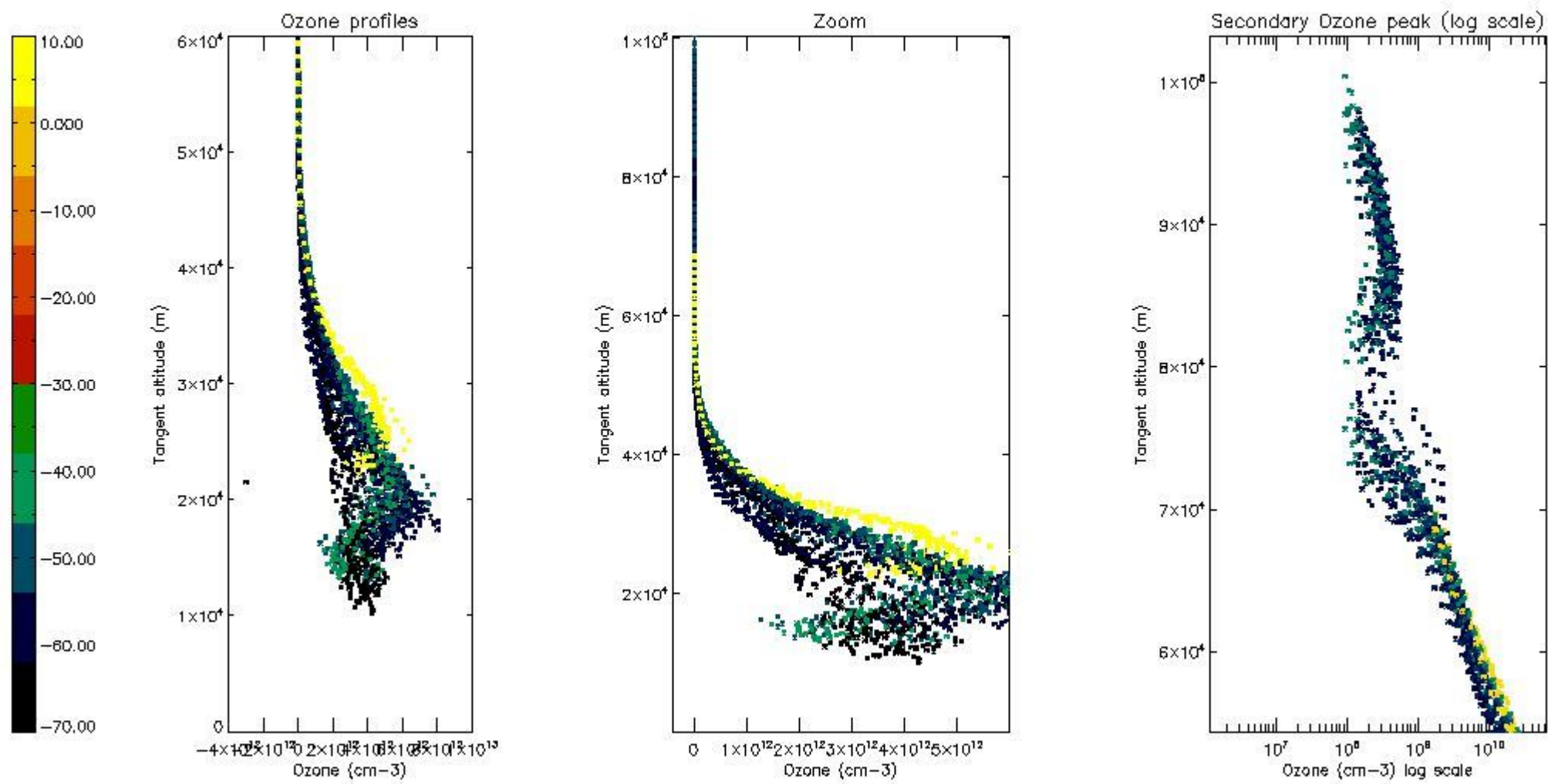
The colorbar represents the latitude.





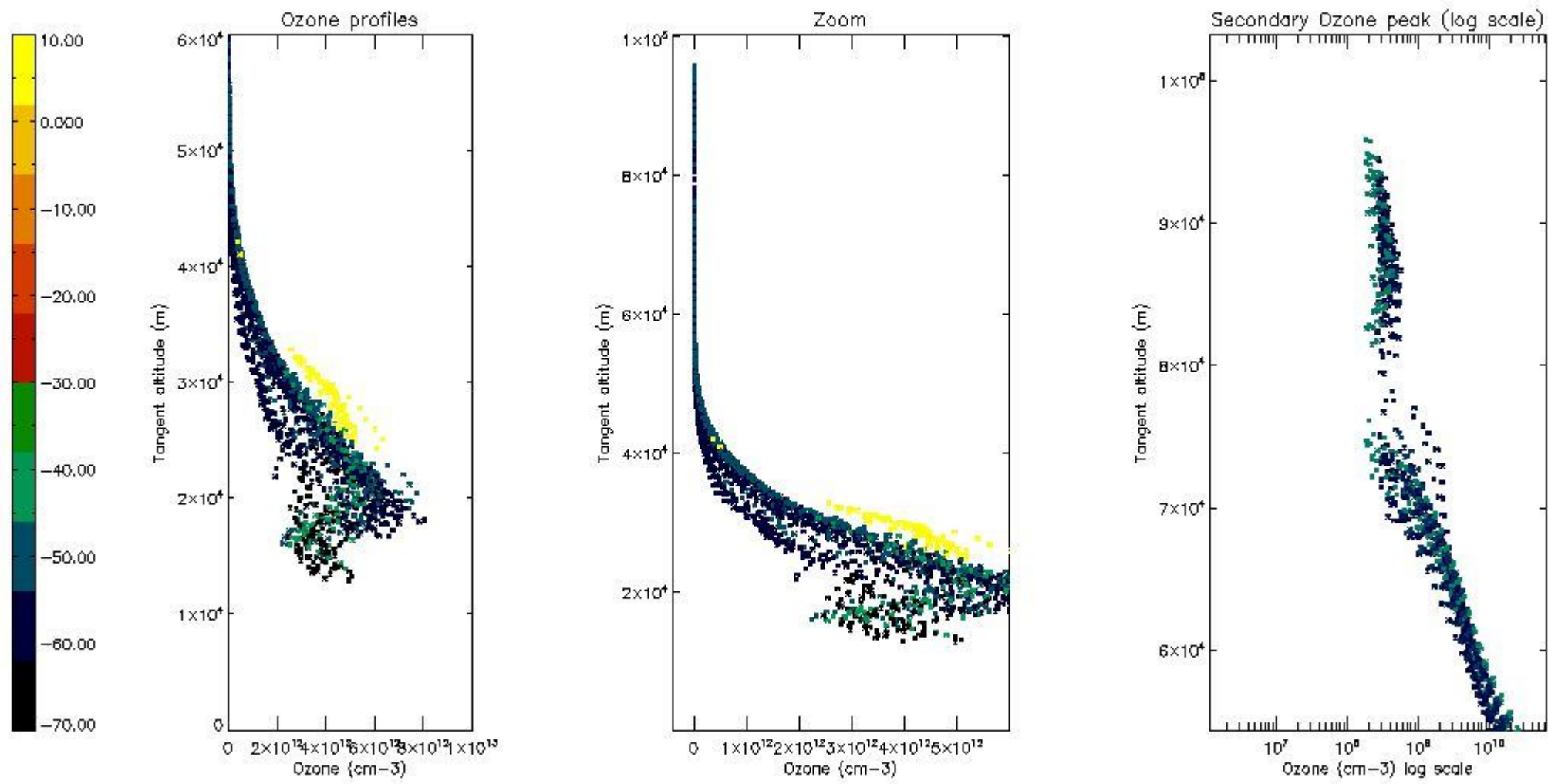
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



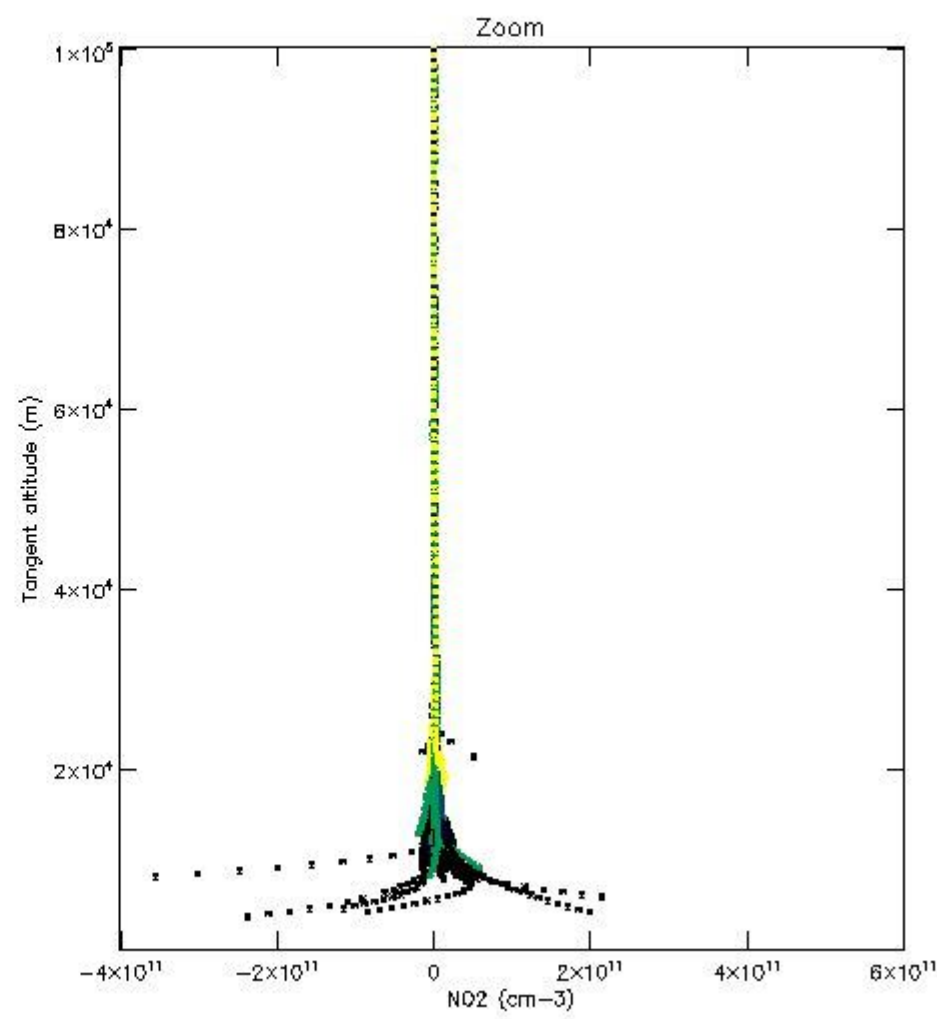
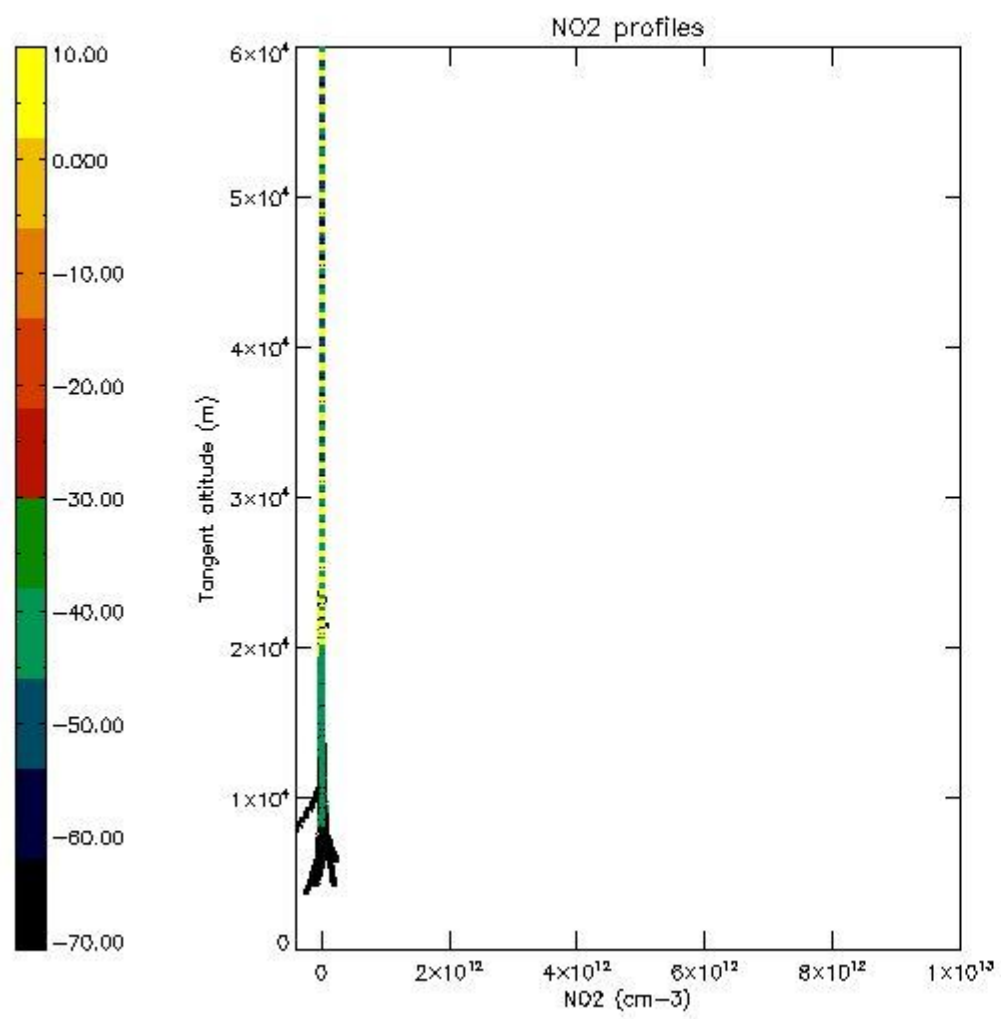
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



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

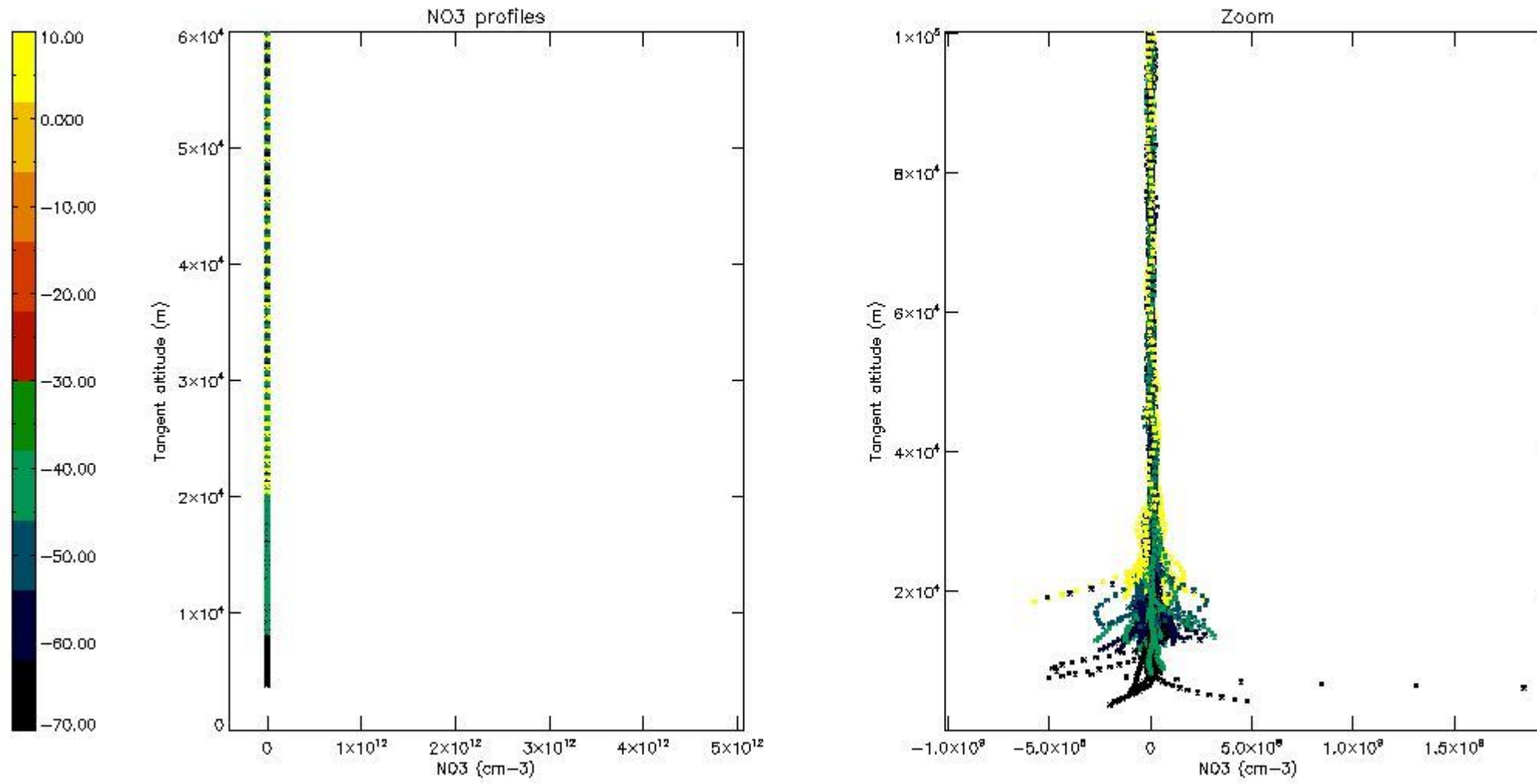
The colorbar represents the latitude.



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

The colorbar represents the latitude.





## 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	22-AUG-2005 03:18:12
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-AUG-2005 03:18:12
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-AUG-2005 03:18:12

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

#### [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	18APR2013 10:32:20
Data source version	GOMOS/6.01
Start time of products	22-08-2005 (22AUG2005 00:00:00)
Stop time of products	23-08-2005 (23AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	207
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__2PRFIN20050822_031812_000000552040_00090_18180_6024.N1	22-AUG-2005 03:18:12	Dark	54.500	157	The1Eri	2.9060	9300.0	109	18180	No
2	GOM_NL__2PRFIN20050822_032727_000000502040_00090_18180_6025.N1	22-AUG-2005 03:27:27	Straylight	49.500	84	Alp Phe	2.3970	4500.0	99	18180	No
3	GOM_NL__2PRFIN20050822_033424_000000532040_00090_18180_6026.N1	22-AUG-2005 03:34:24	Twilight_stray	53.000	18	24Alp PsA	1.1660	9700.0	106	18180	No
4	GOM_NL__2PRFIN20050822_034445_000000442040_00090_18180_6027.N1	22-AUG-2005 03:44:45	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	18180	No
5	GOM_NL__2PRFIN20050822_034750_000000412040_00090_18180_6028.N1	22-AUG-2005 03:47:50	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	18180	No
6	GOM_NL__2PRFIN20050822_040659_000000462040_00090_18180_6029.N1	22-AUG-2005 04:06:59	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	18180	No
7	GOM_NL__2PRFIN20050822_040912_000000092040_00090_18180_6030.N1	22-AUG-2005 04:09:12	Straylight	8.5000	76	27Gam Cas	2.3000	30000.	17	18180	No
8	GOM_NL__2PRFIN20050822_042242_000000512040_00090_18180_6031.N1	22-AUG-2005 04:22:42	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	18180	No
9	GOM_NL__2PRFIN20050822_042552_000000412040_00090_18180_6032.N1	22-AUG-2005 04:25:52	Bright	41.000	107	37The Aur	2.6490	11000.	82	18180	No
10	GOM_NL__2PRFIN20050822_042910_000000532040_00090_18180_6033.N1	22-AUG-2005 04:29:10	Twilight_stray	53.000	28	12Bet Tau	1.6500	15200.	106	18180	No
11	GOM_NL__2PRFIN20050822_043143_000000502040_00090_18180_6034.N1	22-AUG-2005 04:31:43	Twilight_stray	50.000	176	23Zet Tau	3.0200	22000.	100	18180	No
12	GOM_NL__2PRFIN20050822_043553_000000592040_00090_18180_6035.N1	22-AUG-2005 04:35:53	Dark	58.500	14	58Alp Ori	0.87000	3000.0	117	18180	No
13	GOM_NL__2PRFIN20050822_043724_000000522040_00090_18180_6036.N1	22-AUG-2005 04:37:24	Dark	52.000	27	24Gam Ori	1.6360	26000.	104	18180	No
14	GOM_NL__2PRFIN20050822_043922_000000542040_00090_18180_6037.N1	22-AUG-2005 04:39:22	Dark	53.500	30	46Eps Ori	1.6940	30000.	107	18180	No
15	GOM_NL__2PRFIN20050822_044050_000000512040_00090_18180_6038.N1	22-AUG-2005 04:40:50	Dark	51.000	125	44lot Ori	2.7700	30000.	102	18180	No
16	GOM_NL__2PRFIN20050822_044240_000000622040_00090_18180_6039.N1	22-AUG-2005 04:42:40	Dark	61.500	7	19Bet Ori	0.10000	14000.	123	18180	No
17	GOM_NL__2PRFIN20050822_044419_000000512040_00090_18180_6040.N1	22-AUG-2005 04:44:19	Dark	51.000	101	11Alp Lep	2.5820	7000.0	102	18180	No
18	GOM_NL__2PRFIN20050822_045850_000000542040_00091_18181_6024.N1	22-AUG-2005 04:58:50	Dark	54.000	157	The1Eri	2.9060	9300.0	108	18181	No
19	GOM_NL__2PRFIN20050822_050804_000000542040_00091_18181_6025.N1	22-AUG-2005 05:08:04	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	18181	No
20	GOM_NL__2PRFIN20050822_051500_000000502040_00091_18181_6026.N1	22-AUG-2005 05:15:00	Twilight_stray	50.000	18	24Alp PsA	1.1660	9700.0	100	18181	No
21	GOM_NL__2PRFIN20050822_052521_000000432040_00091_18181_6027.N1	22-AUG-2005 05:25:21	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18181	No
22	GOM_NL__2PRFIN20050822_052826_000000412040_00091_18181_6028.N1	22-AUG-2005 05:28:26	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	18181	No
23	GOM_NL__2PRFIN20050822_054734_000000472040_00091_18181_6029.N1	22-AUG-2005 05:47:34	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	18181	No
24	GOM_NL__2PRFIN20050822_054948_000000092040_00091_18181_6030.N1	22-AUG-2005 05:49:48	Straylight	8.5000	76	27Gam Cas	2.3000	30000.	17	18181	No
25	GOM_NL__2PRFIN20050822_060318_000000472040_00091_18181_6031.N1	22-AUG-2005 06:03:18	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	18181	No
26	GOM_NL__2PRFIN20050822_060628_000000392040_00091_18181_6032.N1	22-AUG-2005 06:06:28	Bright	39.000	107	37The Aur	2.6490	11000.	78	18181	No
27	GOM_NL__2PRFIN20050822_060946_000000582040_00091_18181_6033.N1	22-AUG-2005 06:09:46	Twilight_stray	57.500	28	12Bet Tau	1.6500	15200.	115	18181	No
28	GOM_NL__2PRFIN20050822_061220_000000492040_00091_18181_6034.N1	22-AUG-2005 06:12:20	Twilight_stray	48.500	176	23Zet Tau	3.0200	22000.	97	18181	No
29	GOM_NL__2PRFIN20050822_061629_000000442040_00091_18181_6035.N1	22-AUG-2005 06:16:29	Dark	44.000	14	58Alp Ori	0.87000	3000.0	88	18181	No
30	GOM_NL__2PRFIN20050822_061801_000000502040_00091_18181_6036.N1	22-AUG-2005 06:18:01	Dark	50.000	27	24Gam Ori	1.6360	26000.	100	18181	No
31	GOM_NL__2PRFIN20050822_061958_000000552040_00091_18181_6037.N1	22-AUG-2005 06:19:58	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	18181	No
32	GOM_NL__2PRFIN20050822_062127_000000512040_00091_18181_6038.N1	22-AUG-2005 06:21:27	Dark	51.000	125	44lot Ori	2.7700	30000.	102	18181	No
33	GOM_NL__2PRFIN20050822_062317_000000612040_00091_18181_6039.N1	22-AUG-2005 06:23:17	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	18181	No
34	GOM_NL__2PRFIN20050822_062456_000000502040_00091_18181_6040.N1	22-AUG-2005 06:24:56	Dark	50.000	101	11Alp Lep	2.5820	7000.0	100	18181	No
35	GOM_NL__2PRFIN20050822_063927_000000552040_00092_18182_6024.N1	22-AUG-2005 06:39:27	Dark	55.000	157	The1Eri	2.9060	9300.0	110	18182	No
36	GOM_NL__2PRFIN20050822_064840_000000632040_00092_18182_6025.N1	22-AUG-2005 06:48:40	Straylight	62.500	84	Alp Phe	2.3970	4500.0	125	18182	No
37	GOM_NL__2PRFIN20050822_065536_000000532040_00092_18182_6026.N1	22-AUG-2005 06:55:36	Twilight_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	18182	No
38	GOM_NL__2PRFIN20050822_070556_000000442040_00092_18182_6027.N1	22-AUG-2005 07:05:56	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18182	No
39	GOM_NL__2PRFIN20050822_070902_000000402040_00092_18182_6028.N1	22-AUG-2005 07:09:02	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	18182	No
40	GOM_NL__2PRFIN20050822_072809_000000432040_00092_18182_6029.N1	22-AUG-2005 07:28:09	Bright	42.500	74	11Bet Cas	2.2680	6600.0	85	18182	No
41	GOM_NL__2PRFIN20050822_073023_000000112040_00092_18182_6030.N1	22-AUG-2005 07:30:23	Straylight	11.000	76	27Gam Cas	2.3000	30000.	22	18182	No
42	GOM_NL__2PRFIN20050822_074354_000000512040_00092_18182_6031.N1	22-AUG-2005 07:43:54	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	18182	No

43	GOM_NL__2PRFIN20050822_074704_00000422040_00092_18182_6032.N1	22-AUG-2005 07:47:04	Bright	41.500	107	37The Aur	2.6490	11000.	83	18182	No
44	GOM_NL__2PRFIN20050822_075022_00000512040_00092_18182_6033.N1	22-AUG-2005 07:50:22	Twilight	51.000	28	12Bet Tau	1.6500	15200.	102	18182	No
45	GOM_NL__2PRFIN20050822_075256_00000472040_00092_18182_6034.N1	22-AUG-2005 07:52:56	Twilight	47.000	176	23Zet Tau	3.0200	22000.	94	18182	No
46	GOM_NL__2PRFIN20050822_075706_00000452040_00092_18182_6035.N1	22-AUG-2005 07:57:06	Dark	44.500	14	58Alp Ori	0.87000	3000.0	89	18182	No
47	GOM_NL__2PRFIN20050822_075838_00000572040_00092_18182_6036.N1	22-AUG-2005 07:58:38	Dark	57.000	27	24Gam Ori	1.6360	26000.	114	18182	No
48	GOM_NL__2PRFIN20050822_080035_00000542040_00092_18182_6037.N1	22-AUG-2005 08:00:35	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	18182	No
49	GOM_NL__2PRFIN20050822_080204_00000512040_00092_18182_6038.N1	22-AUG-2005 08:02:04	Dark	50.500	125	44Iot Ori	2.7700	30000.	101	18182	No
50	GOM_NL__2PRFIN20050822_080354_00000642040_00092_18182_6039.N1	22-AUG-2005 08:03:54	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	18182	No
51	GOM_NL__2PRFIN20050822_080533_00000512040_00092_18182_6040.N1	22-AUG-2005 08:05:33	Dark	50.500	101	11Alp Lep	2.5820	7000.0	101	18182	No
52	GOM_NL__2PRFIN20050822_082004_00000542040_00093_18183_6024.N1	22-AUG-2005 08:20:04	Dark	54.000	157	The1Eri	2.9060	9300.0	108	18183	No
53	GOM_NL__2PRFIN20050822_082917_00000572040_00093_18183_6025.N1	22-AUG-2005 08:29:17	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	18183	No
54	GOM_NL__2PRFIN20050822_083613_00000522040_00093_18183_6026.N1	22-AUG-2005 08:36:13	Twilight	51.500	18	24Alp PsA	1.1660	9700.0	103	18183	No
55	GOM_NL__2PRFIN20050822_084632_00000442040_00093_18183_6027.N1	22-AUG-2005 08:46:32	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18183	No
56	GOM_NL__2PRFIN20050822_084938_00000412040_00093_18183_6028.N1	22-AUG-2005 08:49:38	Bright	40.500	61	8Eps Peg	2.1000	3900.0	81	18183	No
57	GOM_NL__2PRFIN20050822_090844_00000462040_00093_18183_6029.N1	22-AUG-2005 09:08:44	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	18183	No
58	GOM_NL__2PRFIN20050822_091058_00000112040_00093_18183_6030.N1	22-AUG-2005 09:10:58	Straylight	11.000	76	27Gam Cas	2.3000	30000.	22	18183	No
59	GOM_NL__2PRFIN20050822_092430_00000662040_00093_18183_6031.N1	22-AUG-2005 09:24:30	Bright	66.000	6	13Alp Aur	0.080000	3400.0	132	18183	No
60	GOM_NL__2PRFIN20050822_092740_00000422040_00093_18183_6032.N1	22-AUG-2005 09:27:40	Bright	41.500	107	37The Aur	2.6490	11000.	83	18183	No
61	GOM_NL__2PRFIN20050822_093058_00000482040_00093_18183_6033.N1	22-AUG-2005 09:30:58	Twilight	47.500	28	12Bet Tau	1.6500	15200.	95	18183	No
62	GOM_NL__2PRFIN20050822_093332_00000462040_00093_18183_6034.N1	22-AUG-2005 09:33:32	Twilight	45.500	176	23Zet Tau	3.0200	22000.	91	18183	No
63	GOM_NL__2PRFIN20050822_093742_00000592040_00093_18183_6035.N1	22-AUG-2005 09:37:42	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	18183	No
64	GOM_NL__2PRFIN20050822_093915_00000582040_00093_18183_6036.N1	22-AUG-2005 09:39:15	Dark	57.500	27	24Gam Ori	1.6360	26000.	115	18183	No
65	GOM_NL__2PRFIN20050822_094112_00000562040_00093_18183_6037.N1	22-AUG-2005 09:41:12	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	18183	No
66	GOM_NL__2PRFIN20050822_094240_00000502040_00093_18183_6038.N1	22-AUG-2005 09:42:40	Dark	50.000	125	44Iot Ori	2.7700	30000.	100	18183	No
67	GOM_NL__2PRFIN20050822_094431_00000602040_00093_18183_6039.N1	22-AUG-2005 09:44:31	Dark	60.000	7	19Bet Ori	0.10000	14000.	120	18183	No
68	GOM_NL__2PRFIN20050822_094610_00000502040_00093_18183_6040.N1	22-AUG-2005 09:46:10	Dark	49.500	101	11Alp Lep	2.5820	7000.0	99	18183	No
69	GOM_NL__2PRFIN20050822_100041_00000532040_00094_18184_6024.N1	22-AUG-2005 10:00:41	Dark	52.500	157	The1Eri	2.9060	9300.0	105	18184	No
70	GOM_NL__2PRFIN20050822_100954_00000522040_00094_18184_6025.N1	22-AUG-2005 10:09:54	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	18184	No
71	GOM_NL__2PRFIN20050822_101649_00000512040_00094_18184_6026.N1	22-AUG-2005 10:16:49	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	18184	No
72	GOM_NL__2PRFIN20050822_102708_00000442040_00094_18184_6027.N1	22-AUG-2005 10:27:08	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18184	No
73	GOM_NL__2PRFIN20050822_103013_00000402040_00094_18184_6028.N1	22-AUG-2005 10:30:13	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	18184	No
74	GOM_NL__2PRFIN20050822_104919_00000462040_00094_18184_6029.N1	22-AUG-2005 10:49:19	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	18184	No
75	GOM_NL__2PRFIN20050822_105133_00000122040_00094_18184_6030.N1	22-AUG-2005 10:51:33	Straylight	12.000	76	27Gam Cas	2.3000	30000.	24	18184	No
76	GOM_NL__2PRFIN20050822_110505_00000502040_00094_18184_6031.N1	22-AUG-2005 11:05:05	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	18184	No
77	GOM_NL__2PRFIN20050822_110815_00000462040_00094_18184_6032.N1	22-AUG-2005 11:08:15	Bright	45.500	107	37The Aur	2.6490	11000.	91	18184	No
78	GOM_NL__2PRFIN20050822_111135_00000482040_00094_18184_6033.N1	22-AUG-2005 11:11:35	Twilight	48.000	28	12Bet Tau	1.6500	15200.	96	18184	No
79	GOM_NL__2PRFIN20050822_111408_00000532040_00094_18184_6034.N1	22-AUG-2005 11:14:08	Twilight	52.500	176	23Zet Tau	3.0200	22000.	105	18184	No
80	GOM_NL__2PRFIN20050822_111819_00000572040_00094_18184_6035.N1	22-AUG-2005 11:18:19	Dark	57.000	14	58Alp Ori	0.87000	3000.0	114	18184	No
81	GOM_NL__2PRFIN20050822_111951_00000592040_00094_18184_6036.N1	22-AUG-2005 11:19:51	Dark	58.500	27	24Gam Ori	1.6360	26000.	117	18184	No
82	GOM_NL__2PRFIN20050822_112148_00000562040_00094_18184_6037.N1	22-AUG-2005 11:21:48	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	18184	No
83	GOM_NL__2PRFIN20050822_112317_00000522040_00094_18184_6038.N1	22-AUG-2005 11:23:17	Dark	51.500	125	44Iot Ori	2.7700	30000.	103	18184	No
84	GOM_NL__2PRFIN20050822_112508_00000612040_00094_18184_6039.N1	22-AUG-2005 11:25:08	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	18184	No
85	GOM_NL__2PRFIN20050822_112646_00000502040_00094_18184_6040.N1	22-AUG-2005 11:26:46	Dark	49.500	101	11Alp Lep	2.5820	7000.0	99	18184	No
86	GOM_NL__2PRFIN20050822_114118_00000522040_00095_18185_6024.N1	22-AUG-2005 11:41:18	Dark	52.000	157	The1Eri	2.9060	9300.0	104	18185	No
87	GOM_NL__2PRFIN20050822_115030_00000532040_00095_18185_6025.N1	22-AUG-2005 11:50:30	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	18185	No
88	GOM_NL__2PRFIN20050822_115725_00000502040_00095_18185_6026.N1	22-AUG-2005 11:57:25	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	18185	No
89	GOM_NL__2PRFIN20050822_120744_00000432040_00095_18185_6027.N1	22-AUG-2005 12:07:44	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18185	No
90	GOM_NL__2PRFIN20050822_121049_00000402040_00095_18185_6028.N1	22-AUG-2005 12:10:49	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	18185	No
91	GOM_NL__2PRFIN20050822_122955_00000472040_00095_18185_6029.N1	22-AUG-2005 12:29:55	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	18185	No
92	GOM_NL__2PRFIN20050822_123208_00000122040_00095_18185_6030.N1	22-AUG-2005 12:32:08	Straylight	12.000	76	27Gam Cas	2.3000	30000.	24	18185	No
93	GOM_NL__2PRFIN20050822_124541_00000532040_00095_18185_6031.N1	22-AUG-2005 12:45:41	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	18185	No
94	GOM_NL__2PRFIN20050822_124851_00000412040_00095_18185_6032.N1	22-AUG-2005 12:48:51	Bright	41.000	107	37The Aur	2.6490	11000.	82	18185	No
95	GOM_NL__2PRFIN20050822_125211_00000562040_00095_18185_6033.N1	22-AUG-2005 12:52:11	Twilight	56.000	28	12Bet Tau	1.6500	15200.	112	18185	No
96	GOM_NL__2PRFIN20050822_125445_00000532040_00095_18185_6034.N1	22-AUG-2005 12:54:45	Twilight	52.500	176	23Zet Tau	3.0200	22000.	105	18185	No
97	GOM_NL__2PRFIN20050822_125855_00000652040_00095_18185_6035.N1	22-AUG-2005 12:58:55	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	18185	No
98	GOM_NL__2PRFIN20050822_130028_00000552040_00095_18185_6036.N1	22-AUG-2005 13:00:28	Dark	55.000	27	24Gam Ori	1.6360	26000.	110	18185	No
99	GOM_NL__2PRFIN20050822_130225_00000552040_00095_18185_6037.N1	22-AUG-2005 13:02:25	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	18185	No
100	GOM_NL__2PRFIN20050822_130354_00000502040_00095_18185_6038.N1	22-AUG-2005 13:03:54	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	18185	No
101	GOM_NL__2PRFIN20050822_130545_00000622040_00095_18185_6039.N1	22-AUG-2005 13:05:45	Dark	61.500	7	19Bet Ori	0.10000	14000.	123	18185	No



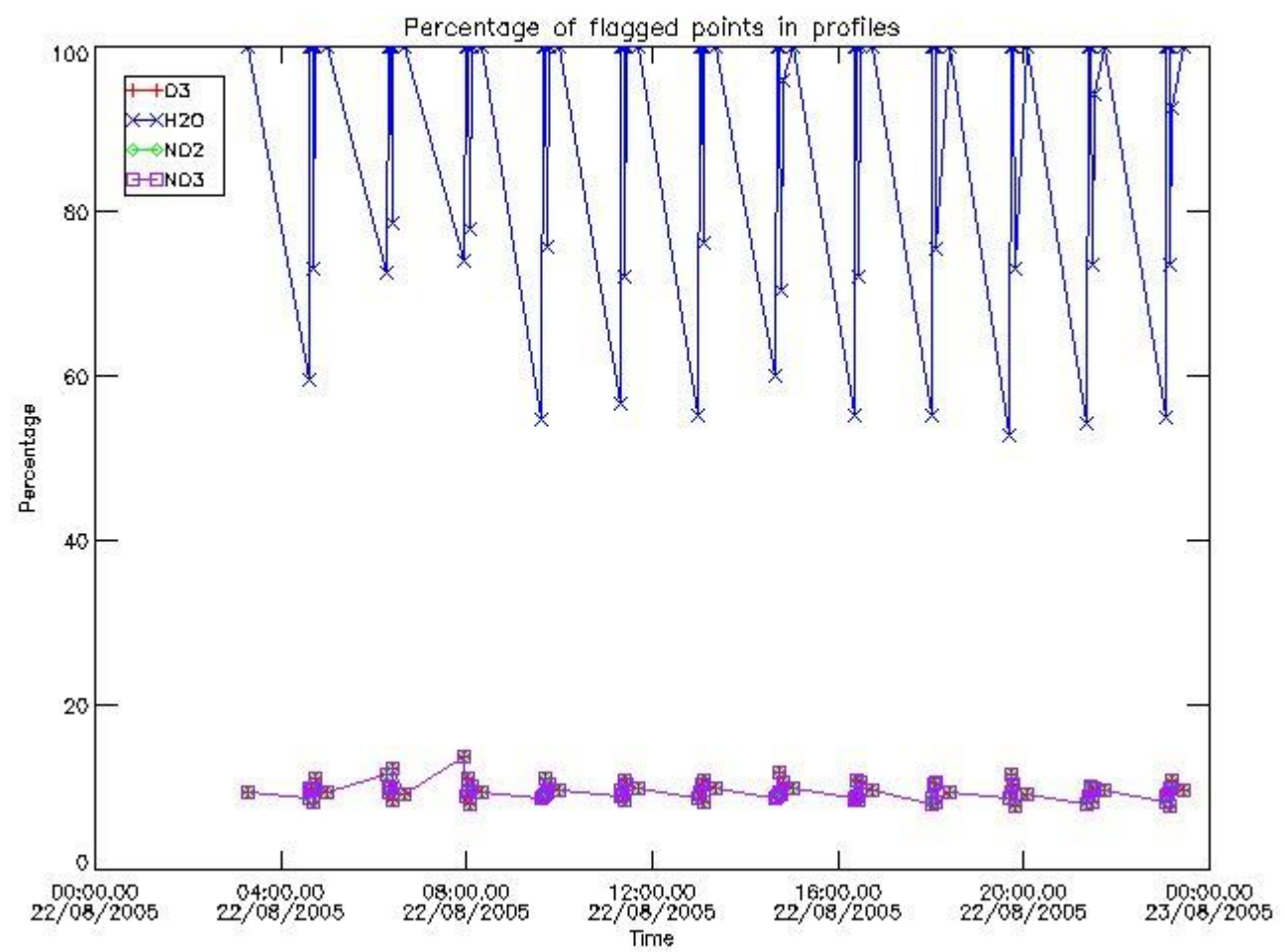
102	GOM_NL__2PRFIN20050822_130723_000000522040_00095_18185_6040.N1	22-AUG-2005 13:07:23	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	18185	No
103	GOM_NL__2PRFIN20050822_132155_000000522040_00096_18186_6024.N1	22-AUG-2005 13:21:55	Dark	52.000	157	The1Eri	2.9060	9300.0	104	18186	No
104	GOM_NL__2PRFIN20050822_133107_000000542040_00096_18186_6025.N1	22-AUG-2005 13:31:07	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	18186	No
105	GOM_NL__2PRFIN20050822_133801_000000522040_00096_18186_6026.N1	22-AUG-2005 13:38:01	Tw_i_and_stray	52.000	18	24Alp PsA	1.1660	9700.0	104	18186	No
106	GOM_NL__2PRFIN20050822_134819_000000432040_00096_18186_6027.N1	22-AUG-2005 13:48:19	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18186	No
107	GOM_NL__2PRFIN20050822_135125_000000402040_00096_18186_6028.N1	22-AUG-2005 13:51:25	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	18186	No
108	GOM_NL__2PRFIN20050822_141030_000000422040_00096_18186_6029.N1	22-AUG-2005 14:10:30	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	18186	No
109	GOM_NL__2PRFIN20050822_141244_000000142040_00096_18186_6030.N1	22-AUG-2005 14:12:44	Tw_i_and_stray	14.000	76	27Gam Cas	2.3000	30000.	28	18186	No
110	GOM_NL__2PRFIN20050822_142617_000000502040_00096_18186_6031.N1	22-AUG-2005 14:26:17	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	18186	No
111	GOM_NL__2PRFIN20050822_142927_000000412040_00096_18186_6032.N1	22-AUG-2005 14:29:27	Bright	41.000	107	37The Aur	2.6490	11000.	82	18186	No
112	GOM_NL__2PRFIN20050822_143247_000000562040_00096_18186_6033.N1	22-AUG-2005 14:32:47	Tw_i_and_stray	56.000	28	12Bet Tau	1.6500	15200.	112	18186	No
113	GOM_NL__2PRFIN20050822_143521_000000512040_00096_18186_6034.N1	22-AUG-2005 14:35:21	Tw_i_and_stray	50.500	176	23Zet Tau	3.0200	22000.	101	18186	No
114	GOM_NL__2PRFIN20050822_143932_000000582040_00096_18186_6035.N1	22-AUG-2005 14:39:32	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	18186	No
115	GOM_NL__2PRFIN20050822_144105_000000572040_00096_18186_6036.N1	22-AUG-2005 14:41:05	Dark	57.000	27	24Gam Ori	1.6360	26000.	114	18186	No
116	GOM_NL__2PRFIN20050822_144302_000000552040_00096_18186_6037.N1	22-AUG-2005 14:43:02	Dark	54.500	30	46Eps Ori	1.6940	30000.	109	18186	No
117	GOM_NL__2PRFIN20050822_144431_000000522040_00096_18186_6038.N1	22-AUG-2005 14:44:31	Dark	51.500	125	44lot Ori	2.7700	30000.	103	18186	No
118	GOM_NL__2PRFIN20050822_144622_000000612040_00096_18186_6039.N1	22-AUG-2005 14:46:22	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	18186	No
119	GOM_NL__2PRFIN20050822_144800_000000482040_00096_18186_6040.N1	22-AUG-2005 14:48:00	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	18186	No
120	GOM_NL__2PRFIN20050822_150232_000000522040_00097_18187_6024.N1	22-AUG-2005 15:02:32	Dark	51.500	157	The1Eri	2.9060	9300.0	103	18187	No
121	GOM_NL__2PRFIN20050822_151144_000000592040_00097_18187_6025.N1	22-AUG-2005 15:11:44	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	18187	No
122	GOM_NL__2PRFIN20050822_151838_000000512040_00097_18187_6026.N1	22-AUG-2005 15:18:38	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	18187	No
123	GOM_NL__2PRFIN20050822_152855_000000432040_00097_18187_6027.N1	22-AUG-2005 15:28:55	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	18187	No
124	GOM_NL__2PRFIN20050822_153200_000000402040_00097_18187_6028.N1	22-AUG-2005 15:32:00	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	18187	No
125	GOM_NL__2PRFIN20050822_155105_000000462040_00097_18187_6029.N1	22-AUG-2005 15:51:05	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	18187	No
126	GOM_NL__2PRFIN20050822_155319_000000142040_00097_18187_6030.N1	22-AUG-2005 15:53:19	Tw_i_and_stray	14.000	76	27Gam Cas	2.3000	30000.	28	18187	No
127	GOM_NL__2PRFIN20050822_160653_000000532040_00097_18187_6031.N1	22-AUG-2005 16:06:53	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	18187	No
128	GOM_NL__2PRFIN20050822_161003_000000612040_00097_18187_6032.N1	22-AUG-2005 16:10:03	Bright	61.000	107	37The Aur	2.6490	11000.	122	18187	No
129	GOM_NL__2PRFIN20050822_161323_000000542040_00097_18187_6033.N1	22-AUG-2005 16:13:23	Tw_i_and_stray	53.500	28	12Bet Tau	1.6500	15200.	107	18187	No
130	GOM_NL__2PRFIN20050822_161557_000000492040_00097_18187_6034.N1	22-AUG-2005 16:15:57	Tw_i_and_stray	48.500	176	23Zet Tau	3.0200	22000.	97	18187	No
131	GOM_NL__2PRFIN20050822_162008_000000592040_00097_18187_6035.N1	22-AUG-2005 16:20:08	Dark	58.500	14	58Alp Ori	0.87000	3000.0	117	18187	No
132	GOM_NL__2PRFIN20050822_162141_000000612040_00097_18187_6036.N1	22-AUG-2005 16:21:41	Dark	61.000	27	24Gam Ori	1.6360	26000.	122	18187	No
133	GOM_NL__2PRFIN20050822_162339_000000572040_00097_18187_6037.N1	22-AUG-2005 16:23:39	Dark	56.500	30	46Eps Ori	1.6940	30000.	113	18187	No
134	GOM_NL__2PRFIN20050822_162507_000000472040_00097_18187_6038.N1	22-AUG-2005 16:25:07	Dark	47.000	125	44lot Ori	2.7700	30000.	94	18187	No
135	GOM_NL__2PRFIN20050822_162659_000000612040_00097_18187_6039.N1	22-AUG-2005 16:26:59	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	18187	No
136	GOM_NL__2PRFIN20050822_162837_000000482040_00097_18187_6040.N1	22-AUG-2005 16:28:37	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	18187	No
137	GOM_NL__2PRFIN20050822_164310_000000542040_00098_18188_6024.N1	22-AUG-2005 16:43:10	Dark	53.500	157	The1Eri	2.9060	9300.0	107	18188	No
138	GOM_NL__2PRFIN20050822_165220_000000582040_00098_18188_6025.N1	22-AUG-2005 16:52:20	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	18188	No
139	GOM_NL__2PRFIN20050822_165914_000000522040_00098_18188_6026.N1	22-AUG-2005 16:59:14	Tw_i_and_stray	52.000	18	24Alp PsA	1.1660	9700.0	104	18188	No
140	GOM_NL__2PRFIN20050822_170931_000000442040_00098_18188_6027.N1	22-AUG-2005 17:09:31	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18188	No
141	GOM_NL__2PRFIN20050822_171236_000000402040_00098_18188_6028.N1	22-AUG-2005 17:12:36	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	18188	No
142	GOM_NL__2PRFIN20050822_173140_000000472040_00098_18188_6029.N1	22-AUG-2005 17:31:40	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	18188	No
143	GOM_NL__2PRFIN20050822_173354_000000152040_00098_18188_6030.N1	22-AUG-2005 17:33:54	Tw_i_and_stray	15.000	76	27Gam Cas	2.3000	30000.	30	18188	No
144	GOM_NL__2PRFIN20050822_174729_000000522040_00098_18188_6031.N1	22-AUG-2005 17:47:29	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	18188	No
145	GOM_NL__2PRFIN20050822_175039_000000442040_00098_18188_6032.N1	22-AUG-2005 17:50:39	Bright	43.500	107	37The Aur	2.6490	11000.	87	18188	No
146	GOM_NL__2PRFIN20050822_175359_000000592040_00098_18188_6033.N1	22-AUG-2005 17:53:59	Tw_i_and_stray	58.500	28	12Bet Tau	1.6500	15200.	117	18188	No
147	GOM_NL__2PRFIN20050822_175634_000000492040_00098_18188_6034.N1	22-AUG-2005 17:56:34	Tw_i_and_stray	49.000	176	23Zet Tau	3.0200	22000.	98	18188	No
148	GOM_NL__2PRFIN20050822_180045_000000652040_00098_18188_6035.N1	22-AUG-2005 18:00:45	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	18188	No
149	GOM_NL__2PRFIN20050822_180218_000000592040_00098_18188_6036.N1	22-AUG-2005 18:02:18	Dark	58.500	27	24Gam Ori	1.6360	26000.	117	18188	No
150	GOM_NL__2PRFIN20050822_180416_000000502040_00098_18188_6037.N1	22-AUG-2005 18:04:16	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	18188	No
151	GOM_NL__2PRFIN20050822_180544_000000482040_00098_18188_6038.N1	22-AUG-2005 18:05:44	Dark	48.000	125	44lot Ori	2.7700	30000.	96	18188	No
152	GOM_NL__2PRFIN20050822_180736_000000622040_00098_18188_6039.N1	22-AUG-2005 18:07:36	Dark	61.500	7	19Bet Ori	0.10000	14000.	123	18188	No
153	GOM_NL__2PRFIN20050822_182347_000000542040_00099_18189_6044.N1	22-AUG-2005 18:23:47	Dark	54.000	157	The1Eri	2.9060	9300.0	108	18189	No
154	GOM_NL__2PRFIN20050822_183257_000000612040_00099_18189_6045.N1	22-AUG-2005 18:32:57	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	18189	No
155	GOM_NL__2PRFIN20050822_183950_000000542040_00099_18189_6046.N1	22-AUG-2005 18:39:50	Tw_i_and_stray	53.500	18	24Alp PsA	1.1660	9700.0	107	18189	No
156	GOM_NL__2PRFIN20050822_185007_000000442040_00099_18189_6047.N1	22-AUG-2005 18:50:07	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18189	No
157	GOM_NL__2PRFIN20050822_185312_000000412040_00099_18189_6048.N1	22-AUG-2005 18:53:12	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	18189	No
158	GOM_NL__2PRFIN20050822_191215_000000452040_00099_18189_6049.N1	22-AUG-2005 19:12:15	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	18189	No
159	GOM_NL__2PRFIN20050822_191429_000000152040_00099_18189_6050.N1	22-AUG-2005 19:14:29	Tw_i_and_stray	15.000	76	27Gam Cas	2.3000	30000.	30	18189	No
160	GOM_NL__2PRFIN20050822_192804_000000502040_00099_18189_6051.N1	22-AUG-2005 19:28:04	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	18189	No

161	GOM_NL__2PRFIN20050822_193116_000000412040_00099_18189_6052.N1	22-AUG-2005 19:31:16	Bright	41.000	107	37The Aur	2.6490	11000.	82	18189	No
162	GOM_NL__2PRFIN20050822_193435_000000592040_00099_18189_6053.N1	22-AUG-2005 19:34:35	Twilight	59.000	28	12Bet Tau	1.6500	15200.	118	18189	No
163	GOM_NL__2PRFIN20050822_193710_000000532040_00099_18189_6054.N1	22-AUG-2005 19:37:10	Twilight	53.000	176	23Zet Tau	3.0200	22000.	106	18189	No
164	GOM_NL__2PRFIN20050822_194121_000000652040_00099_18189_6055.N1	22-AUG-2005 19:41:21	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	18189	No
165	GOM_NL__2PRFIN20050822_194255_000000542040_00099_18189_6056.N1	22-AUG-2005 19:42:55	Dark	54.000	27	24Gam Ori	1.6360	26000.	108	18189	No
166	GOM_NL__2PRFIN20050822_194452_000000482040_00099_18189_6057.N1	22-AUG-2005 19:44:52	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	18189	No
167	GOM_NL__2PRFIN20050822_194621_000000492040_00099_18189_6058.N1	22-AUG-2005 19:46:21	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	18189	No
168	GOM_NL__2PRFIN20050822_194813_000000662040_00099_18189_6059.N1	22-AUG-2005 19:48:13	Dark	65.500	7	19Bet Ori	0.10000	14000.	131	18189	No
169	GOM_NL__2PRFIN20050822_200424_000000552040_00100_18190_6044.N1	22-AUG-2005 20:04:24	Dark	55.000	157	The1Eri	2.9060	9300.0	110	18190	No
170	GOM_NL__2PRFIN20050822_201334_000000492040_00100_18190_6045.N1	22-AUG-2005 20:13:34	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	18190	No
171	GOM_NL__2PRFIN20050822_202027_000000552040_00100_18190_6046.N1	22-AUG-2005 20:20:27	Twilight	54.500	18	24Alp PsA	1.1660	9700.0	109	18190	No
172	GOM_NL__2PRFIN20050822_203043_000000442040_00100_18190_6047.N1	22-AUG-2005 20:30:43	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	18190	No
173	GOM_NL__2PRFIN20050822_203348_000000402040_00100_18190_6048.N1	22-AUG-2005 20:33:48	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	18190	No
174	GOM_NL__2PRFIN20050822_205251_000000452040_00100_18190_6049.N1	22-AUG-2005 20:52:51	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	18190	No
175	GOM_NL__2PRFIN20050822_205504_000000172040_00100_18190_6050.N1	22-AUG-2005 20:55:04	Twilight	17.000	76	27Gam Cas	2.3000	30000.	34	18190	No
176	GOM_NL__2PRFIN20050822_210840_000000512040_00100_18190_6051.N1	22-AUG-2005 21:08:40	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	18190	No
177	GOM_NL__2PRFIN20050822_211151_000000412040_00100_18190_6052.N1	22-AUG-2005 21:11:51	Bright	41.000	107	37The Aur	2.6490	11000.	82	18190	No
178	GOM_NL__2PRFIN20050822_211512_000000562040_00100_18190_6053.N1	22-AUG-2005 21:15:12	Twilight	56.000	28	12Bet Tau	1.6500	15200.	112	18190	No
179	GOM_NL__2PRFIN20050822_211746_000000512040_00100_18190_6054.N1	22-AUG-2005 21:17:46	Twilight	51.000	176	23Zet Tau	3.0200	22000.	102	18190	No
180	GOM_NL__2PRFIN20050822_212158_000000652040_00100_18190_6055.N1	22-AUG-2005 21:21:58	Dark	65.000	14	58Alp Ori	0.87000	3000.0	130	18190	No
181	GOM_NL__2PRFIN20050822_212332_000000572040_00100_18190_6056.N1	22-AUG-2005 21:23:32	Dark	57.000	27	24Gam Ori	1.6360	26000.	114	18190	No
182	GOM_NL__2PRFIN20050822_212529_000000562040_00100_18190_6057.N1	22-AUG-2005 21:25:29	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	18190	No
183	GOM_NL__2PRFIN20050822_212658_000000512040_00100_18190_6058.N1	22-AUG-2005 21:26:58	Dark	51.000	125	44Iot Ori	2.7700	30000.	102	18190	No
184	GOM_NL__2PRFIN20050822_212850_000000632040_00100_18190_6059.N1	22-AUG-2005 21:28:50	Dark	62.500	7	19Bet Ori	0.10000	14000.	125	18190	No
185	GOM_NL__2PRFIN20050822_213127_000000522040_00100_18190_6060.N1	22-AUG-2005 21:31:27	Dark	52.000	139	9Bet Lep	2.8330	5600.0	104	18190	No
186	GOM_NL__2PRFIN20050822_214501_000000542040_00101_18191_6044.N1	22-AUG-2005 21:45:01	Dark	53.500	157	The1Eri	2.9060	9300.0	107	18191	No
187	GOM_NL__2PRFIN20050822_215410_000000602040_00101_18191_6045.N1	22-AUG-2005 21:54:10	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	18191	No
188	GOM_NL__2PRFIN20050822_220103_000000542040_00101_18191_6046.N1	22-AUG-2005 22:01:03	Twilight	53.500	18	24Alp PsA	1.1660	9700.0	107	18191	No
189	GOM_NL__2PRFIN20050822_221119_000000442040_00101_18191_6047.N1	22-AUG-2005 22:11:19	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18191	No
190	GOM_NL__2PRFIN20050822_221423_000000412040_00101_18191_6048.N1	22-AUG-2005 22:14:23	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	18191	No
191	GOM_NL__2PRFIN20050822_223326_000000452040_00101_18191_6049.N1	22-AUG-2005 22:33:26	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	18191	No
192	GOM_NL__2PRFIN20050822_223539_000000172040_00101_18191_6050.N1	22-AUG-2005 22:35:39	Twilight	17.000	76	27Gam Cas	2.3000	30000.	34	18191	No
193	GOM_NL__2PRFIN20050822_224916_000000492040_00101_18191_6051.N1	22-AUG-2005 22:49:16	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	18191	No
194	GOM_NL__2PRFIN20050822_225227_000000422040_00101_18191_6052.N1	22-AUG-2005 22:52:27	Bright	42.000	107	37The Aur	2.6490	11000.	84	18191	No
195	GOM_NL__2PRFIN20050822_225548_000000532040_00101_18191_6053.N1	22-AUG-2005 22:55:48	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	18191	No
196	GOM_NL__2PRFIN20050822_225823_000000522040_00101_18191_6054.N1	22-AUG-2005 22:58:23	Twilight	51.500	176	23Zet Tau	3.0200	22000.	103	18191	No
197	GOM_NL__2PRFIN20050822_230234_000000632040_00101_18191_6055.N1	22-AUG-2005 23:02:34	Dark	62.500	14	58Alp Ori	0.87000	3000.0	125	18191	No
198	GOM_NL__2PRFIN20050822_230408_000000572040_00101_18191_6056.N1	22-AUG-2005 23:04:08	Dark	57.000	27	24Gam Ori	1.6360	26000.	114	18191	No
199	GOM_NL__2PRFIN20050822_230606_000000562040_00101_18191_6057.N1	22-AUG-2005 23:06:06	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	18191	No
200	GOM_NL__2PRFIN20050822_230734_000000522040_00101_18191_6058.N1	22-AUG-2005 23:07:34	Dark	52.000	125	44Iot Ori	2.7700	30000.	104	18191	No
201	GOM_NL__2PRFIN20050822_230927_000000672040_00101_18191_6059.N1	22-AUG-2005 23:09:27	Dark	66.500	7	19Bet Ori	0.10000	14000.	133	18191	No
202	GOM_NL__2PRFIN20050822_231204_000000482040_00101_18191_6060.N1	22-AUG-2005 23:12:04	Dark	47.500	139	9Bet Lep	2.8330	5600.0	95	18191	No
203	GOM_NL__2PRFIN20050822_232538_000000532040_00102_18192_6044.N1	22-AUG-2005 23:25:38	Dark	53.000	157	The1Eri	2.9060	9300.0	106	18192	No
204	GOM_NL__2PRFIN20050822_233447_000000622040_00102_18192_6045.N1	22-AUG-2005 23:34:47	Straylight	61.500	84	Alp Phe	2.3970	4500.0	123	18192	No
205	GOM_NL__2PRFIN20050822_234139_000000552040_00102_18192_6046.N1	22-AUG-2005 23:41:39	Twilight	54.500	18	24Alp PsA	1.1660	9700.0	109	18192	No
206	GOM_NL__2PRFIN20050822_235154_000000442040_00102_18192_6047.N1	22-AUG-2005 23:51:54	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	18192	No
207	GOM_NL__2PRFIN20050822_235459_000000402040_00102_18192_6048.N1	22-AUG-2005 23:54:59	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	18192	No

### 3. Quality information per product

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

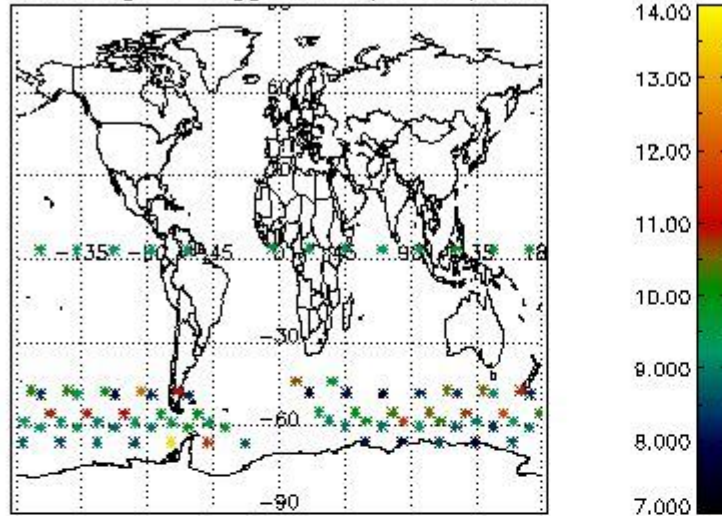
#### 3.1 Plot quality information per product (time dependant)



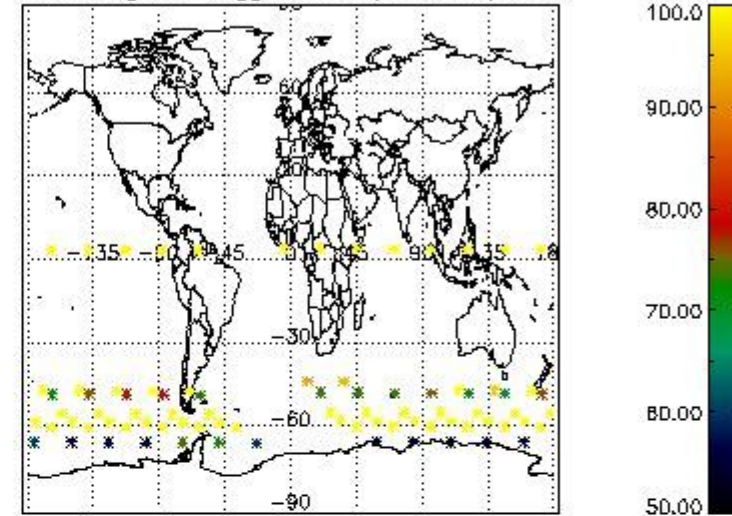
*3.2 Plot quality information per product (world map)*



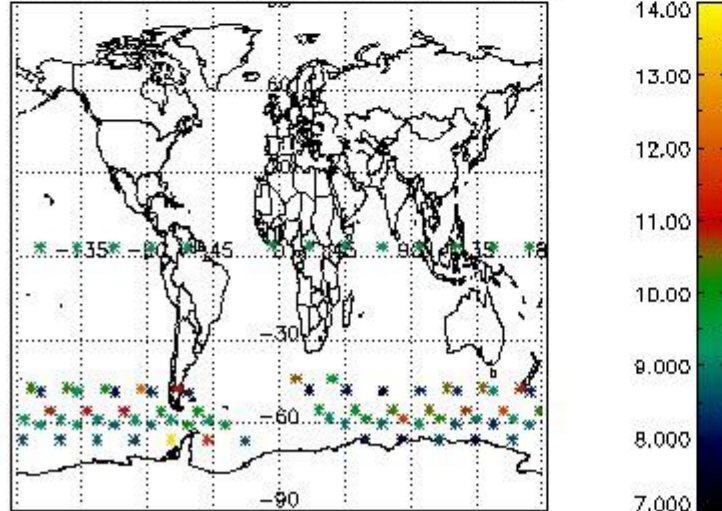
Percentage of flagged data per O3 profile



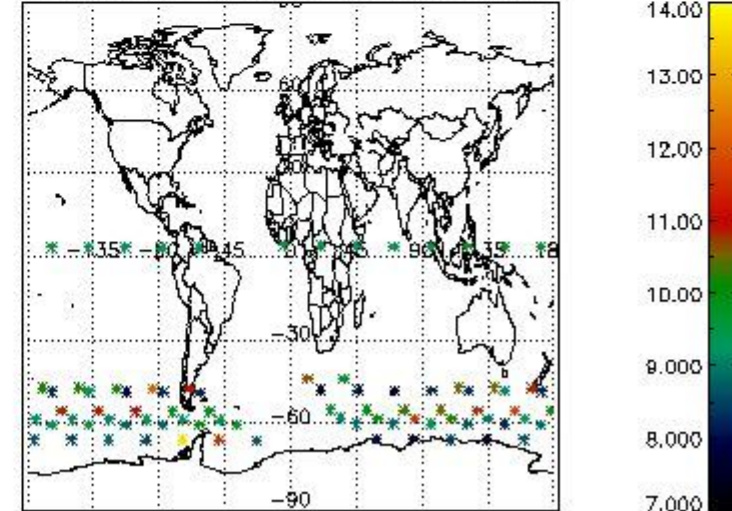
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



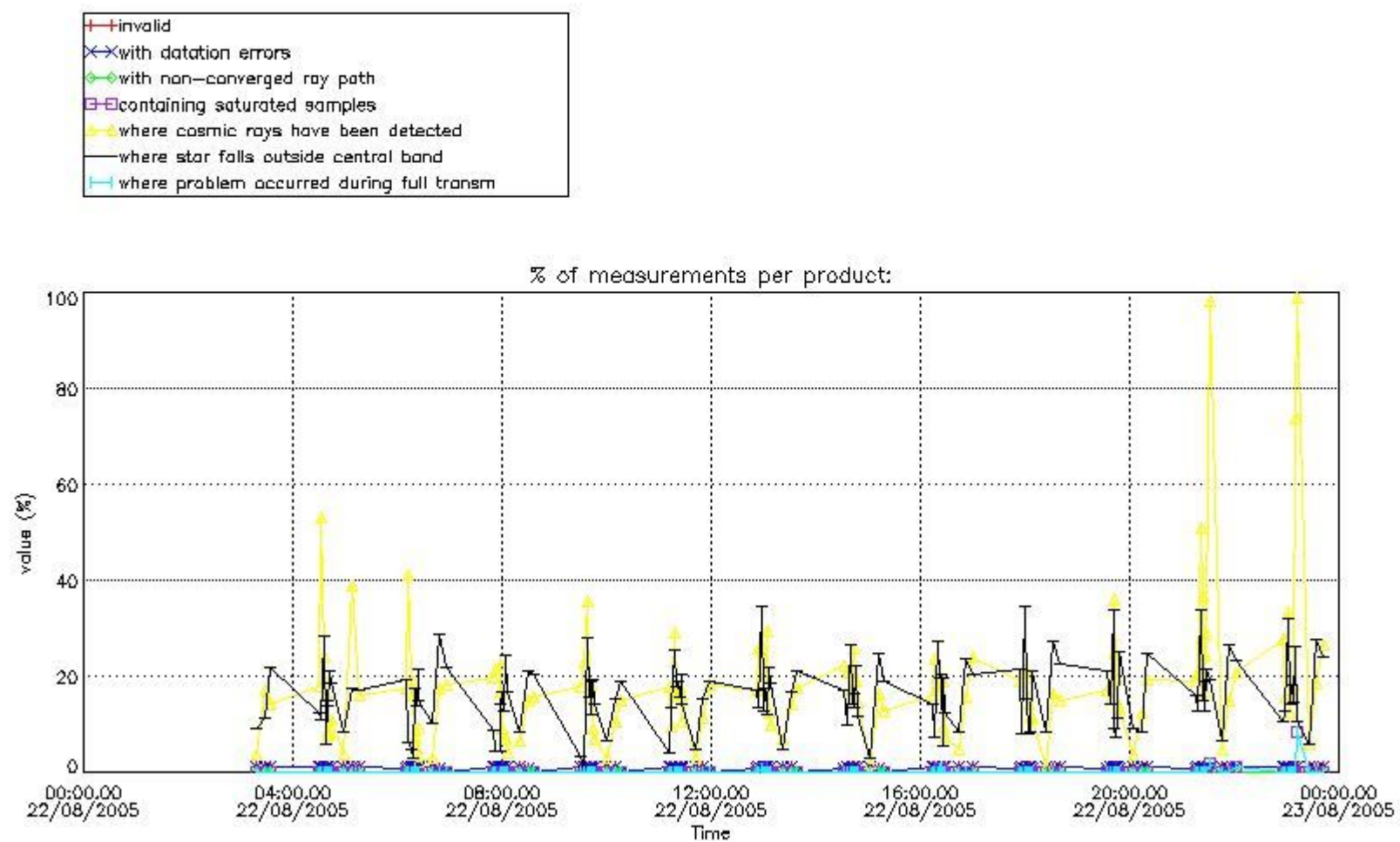
#### 4. Level 1 quality information per product

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

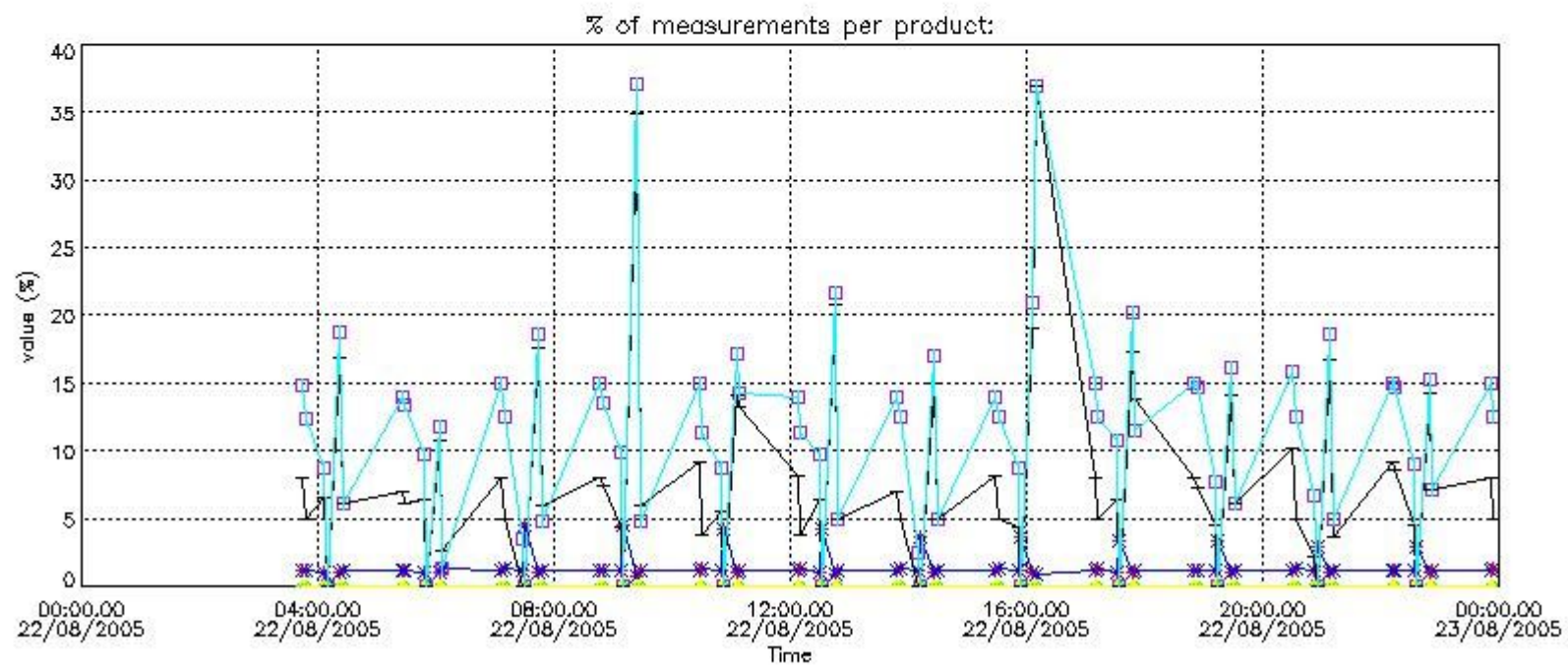
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



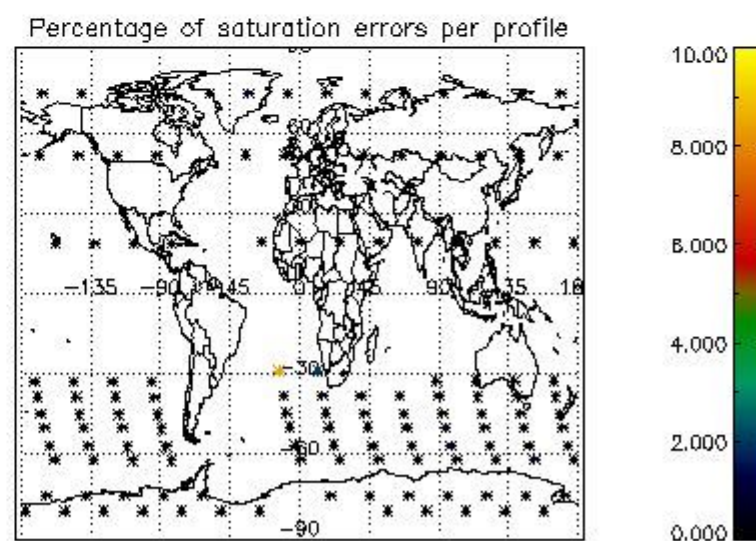
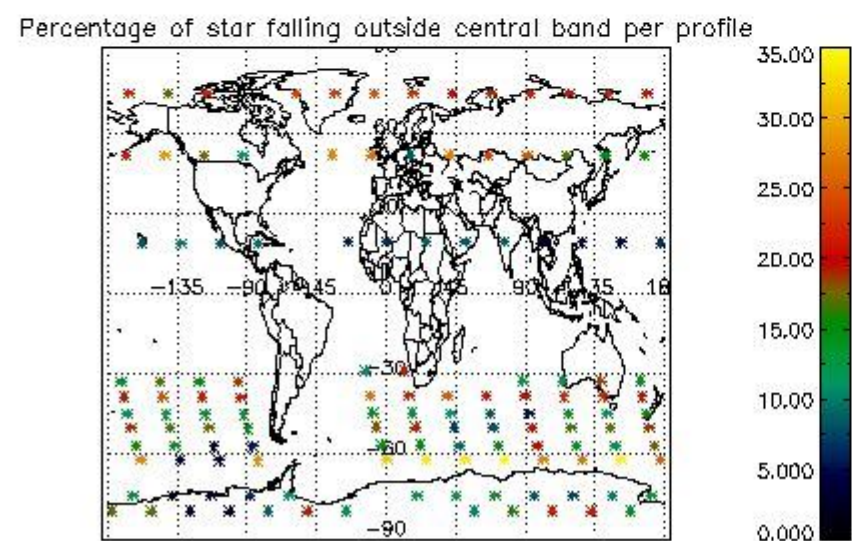
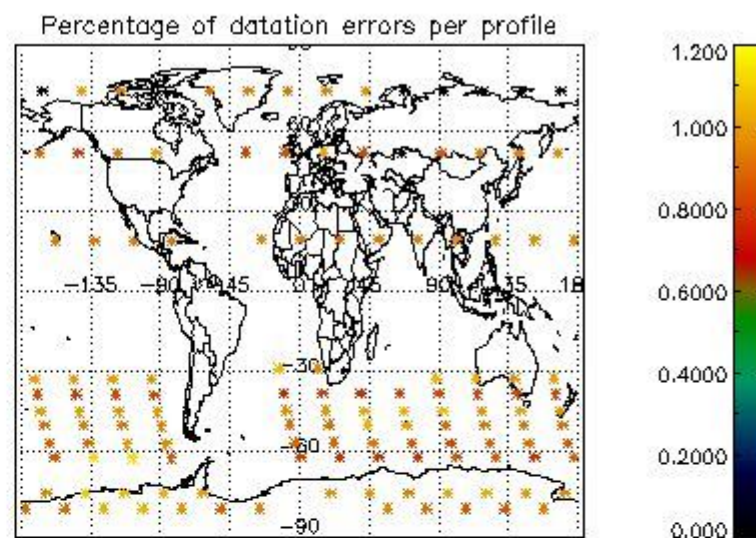
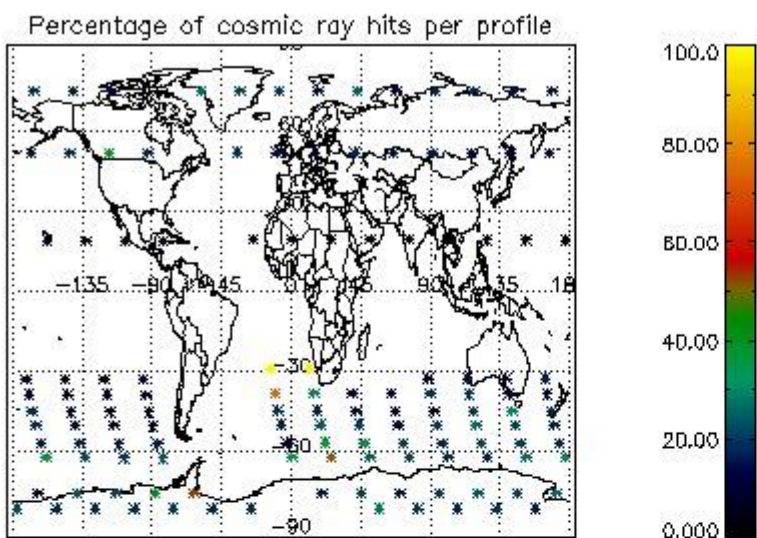


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



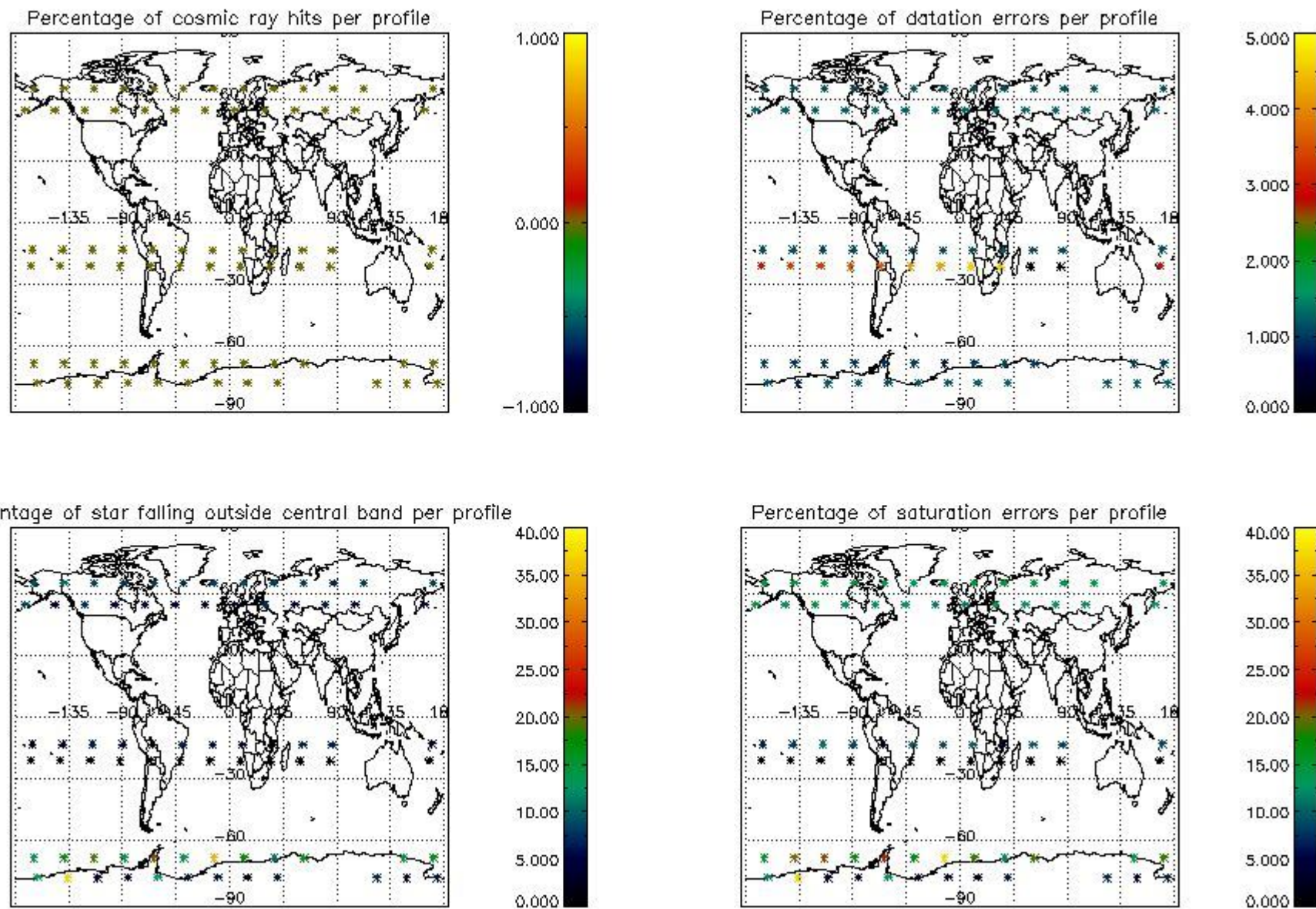
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

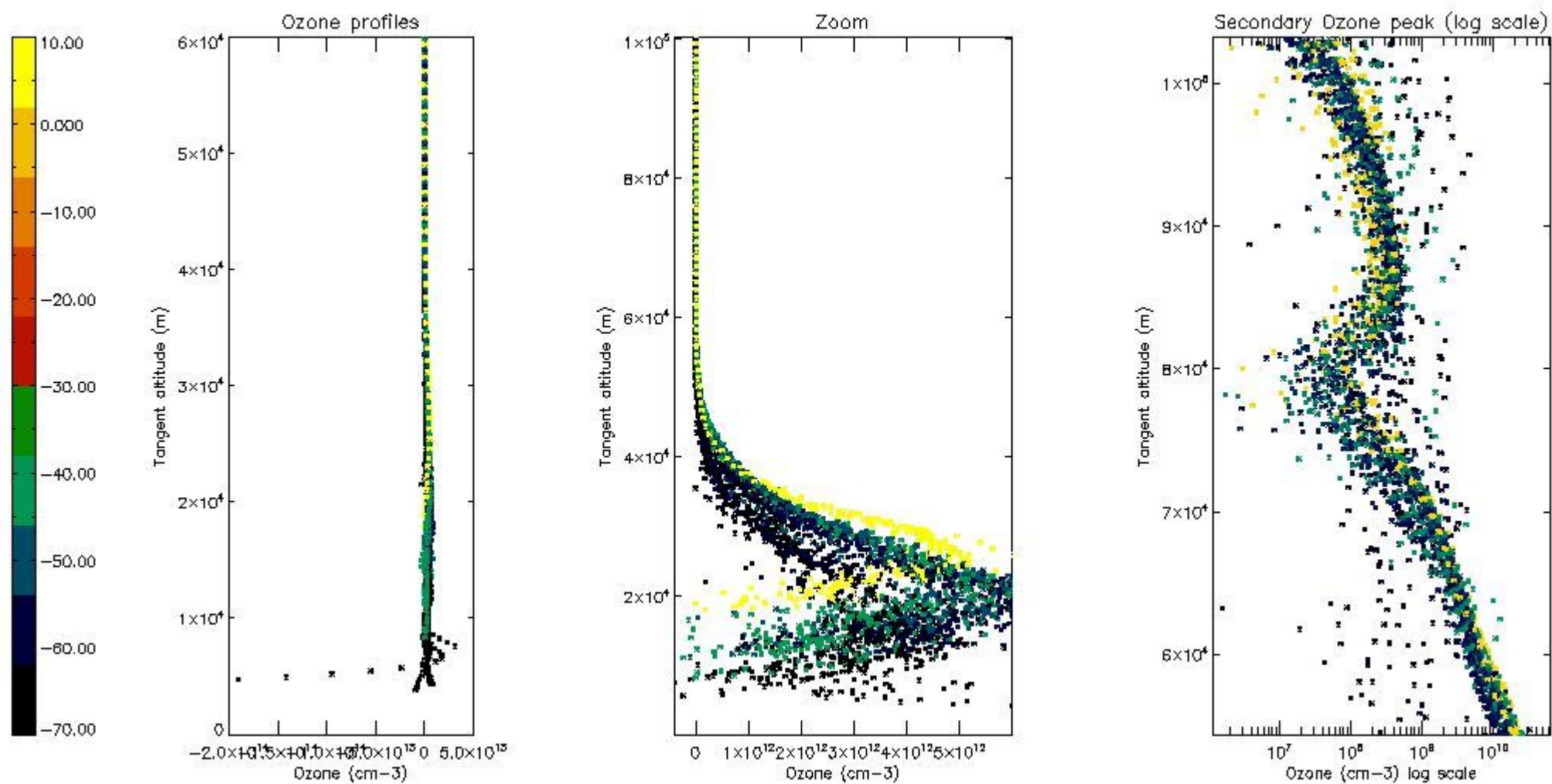
Criteria	% of total production
All STD	46
STD < 20	29



STD < 10	25
STD < 5	17

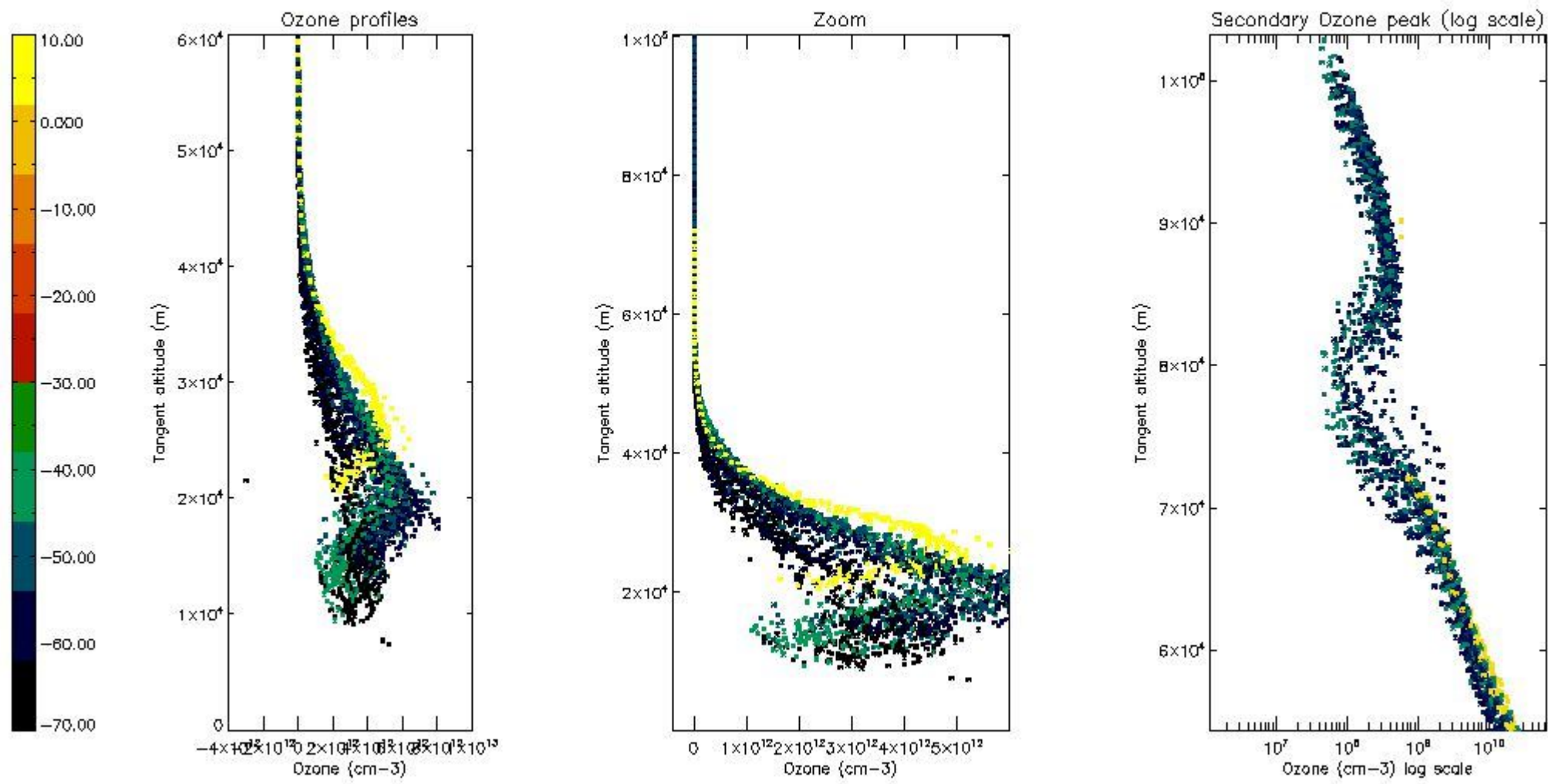
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



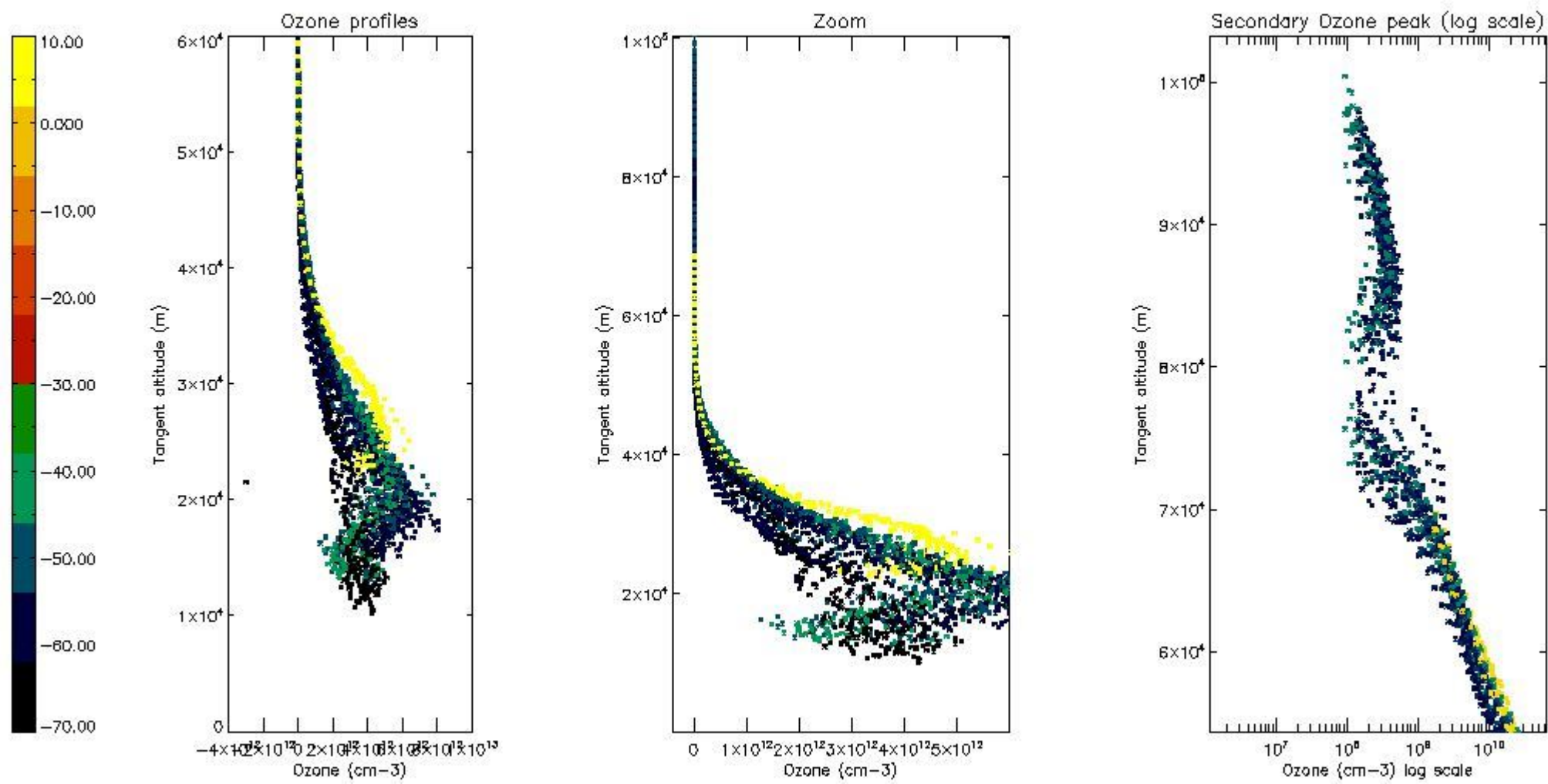
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



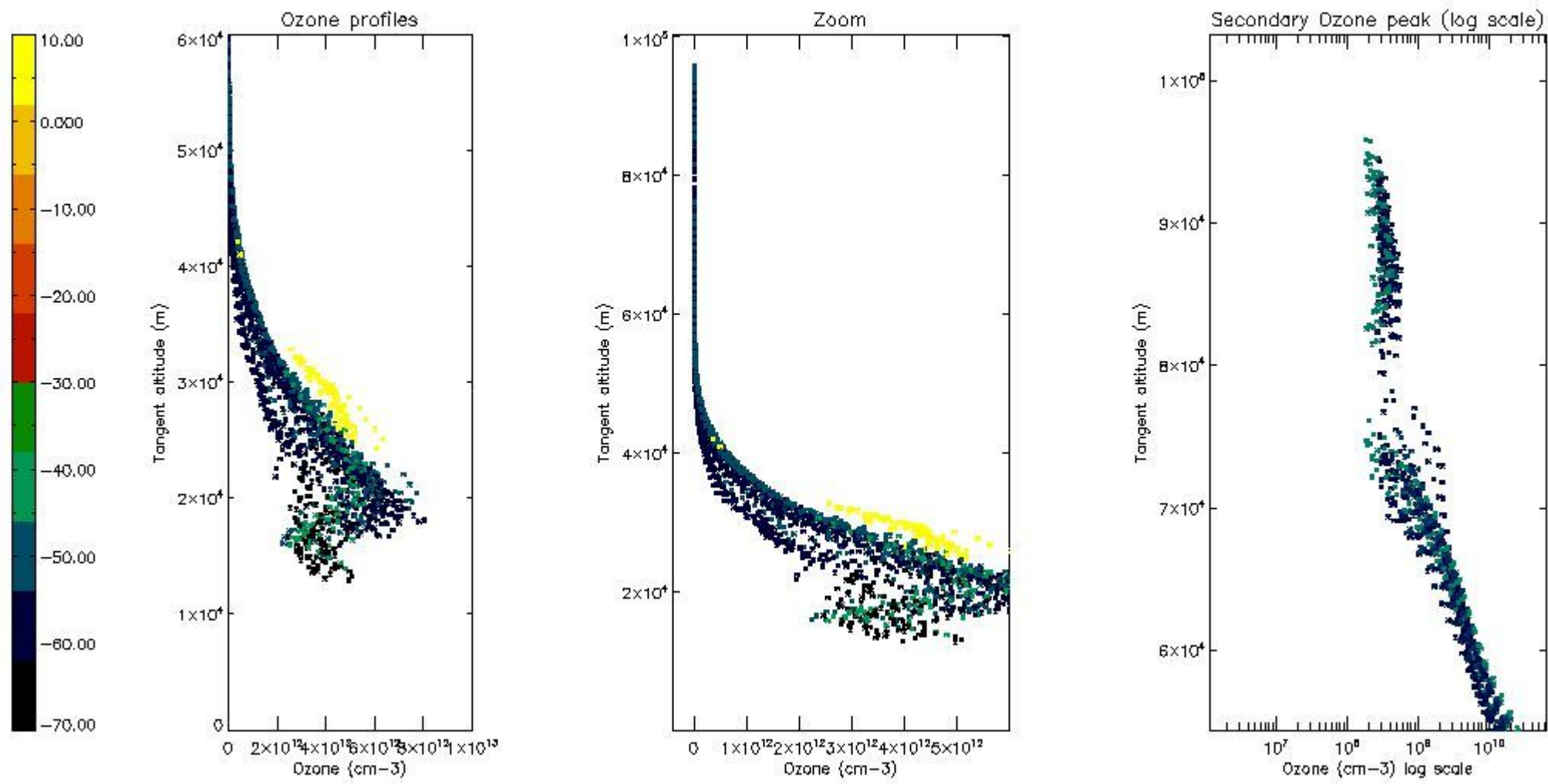
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

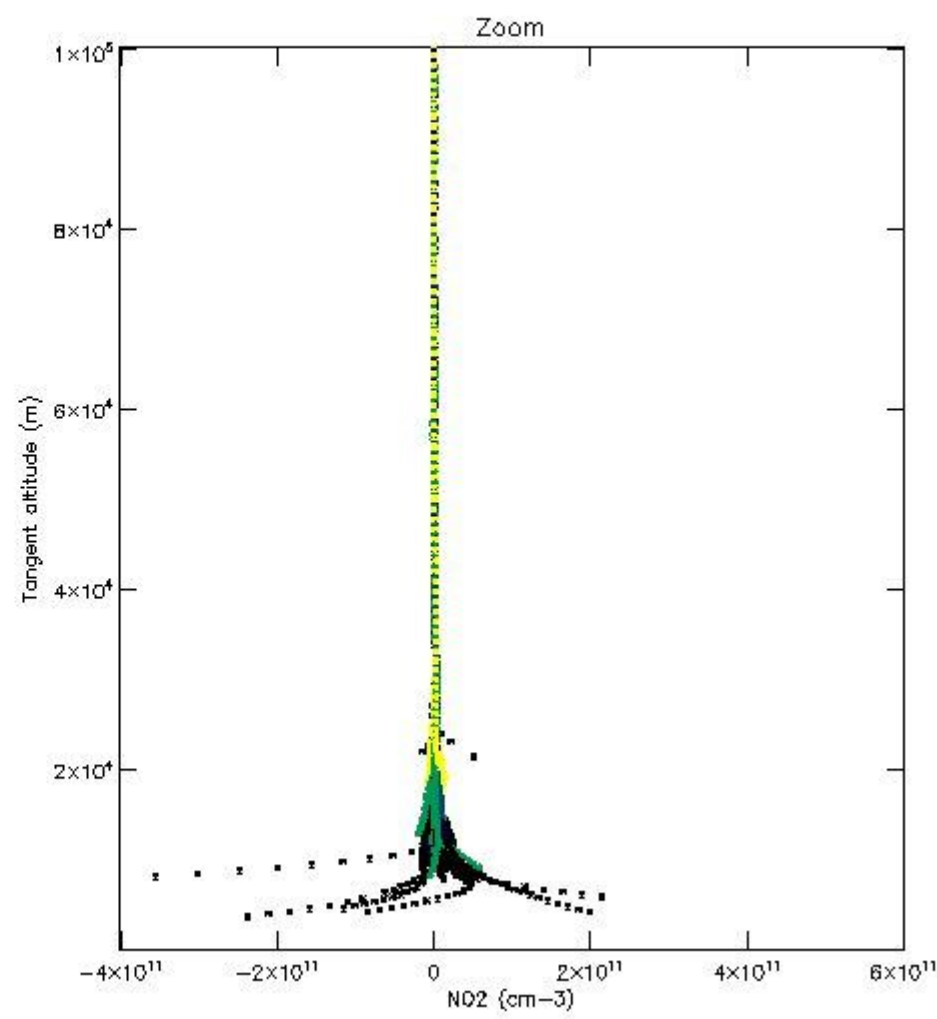
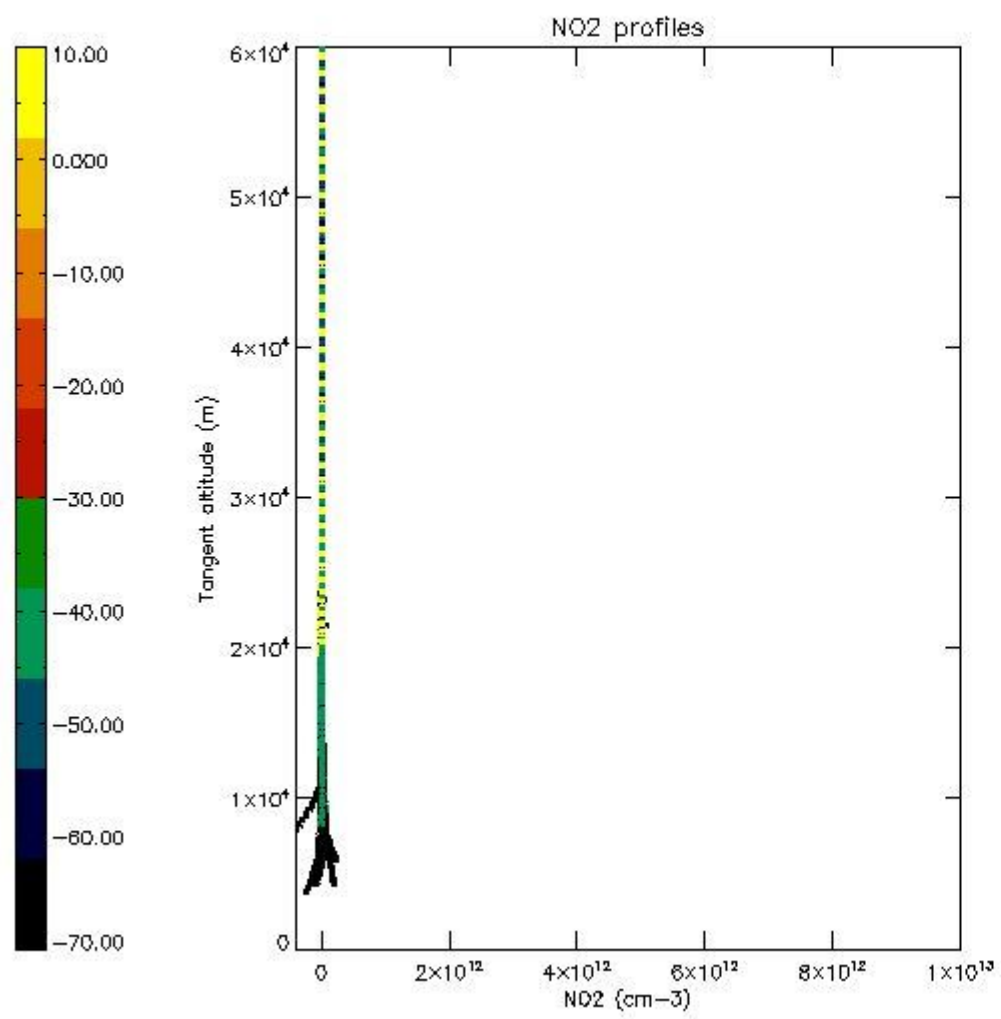
The colorbar represents the latitude.



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

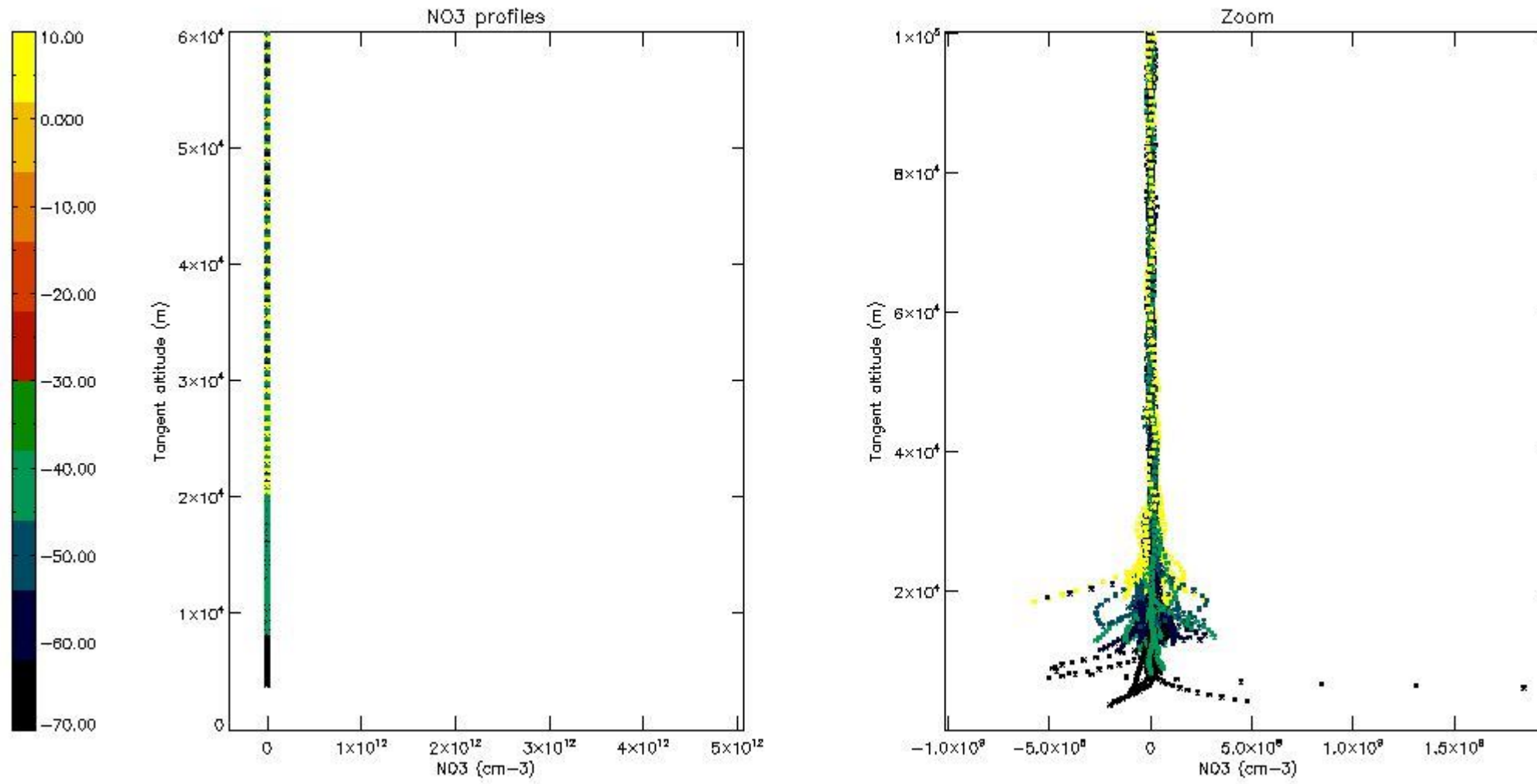
The colorbar represents the latitude.





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

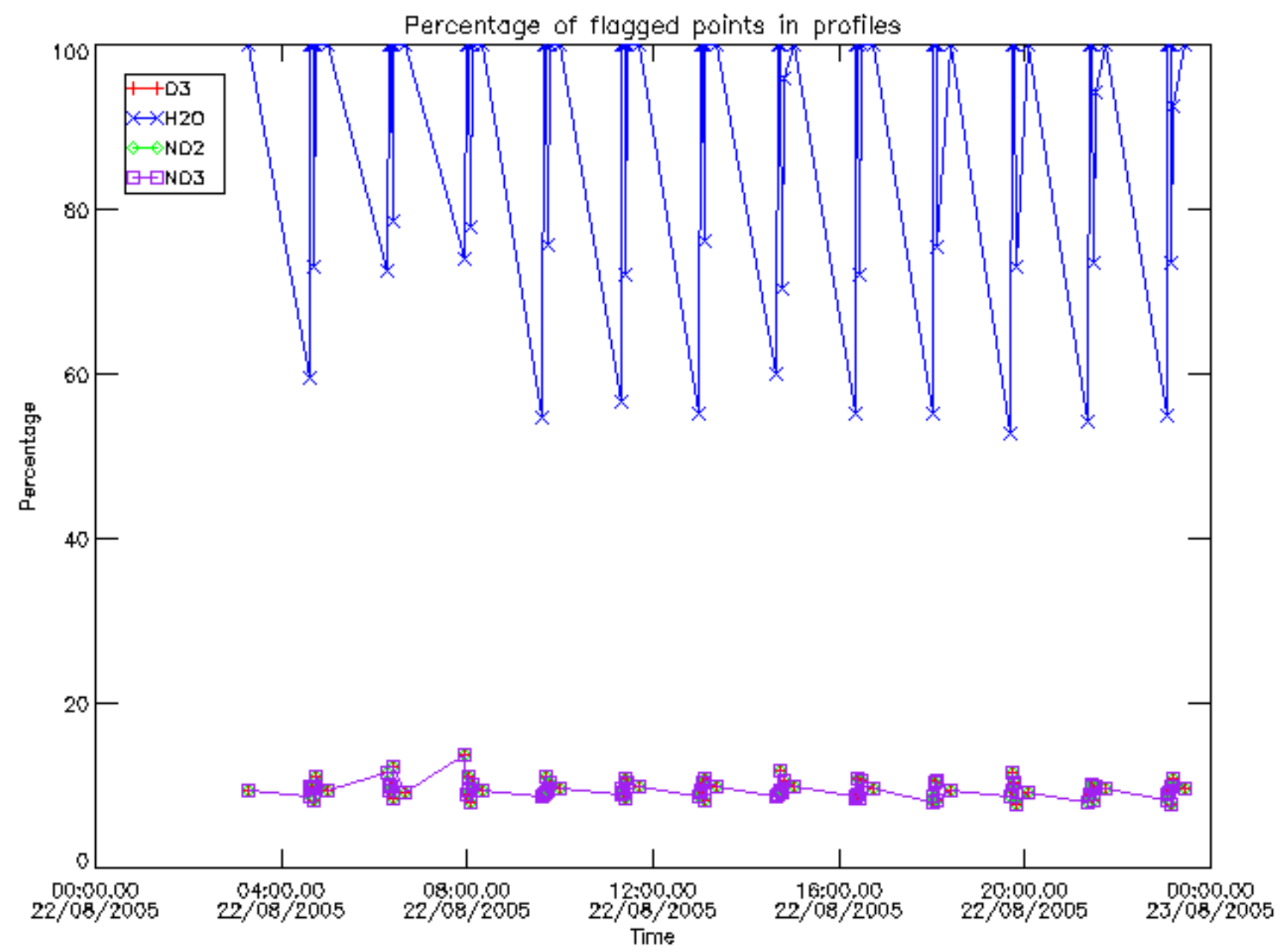
The colorbar represents the latitude.



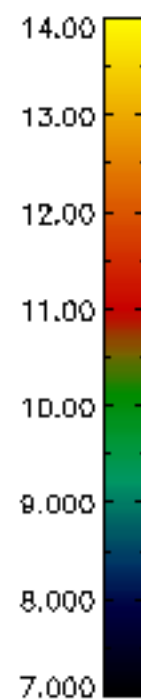
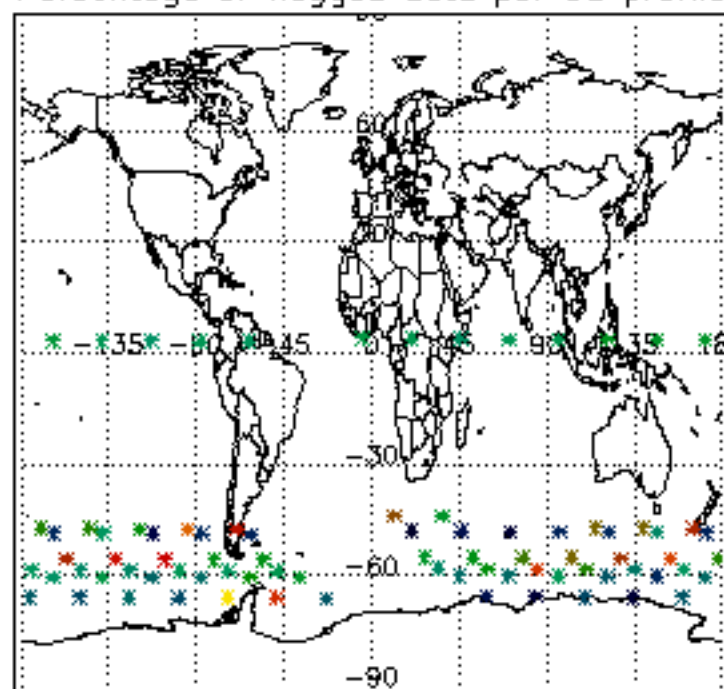
## 6. Auxiliary Data Files used for the production reported in section 2

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.

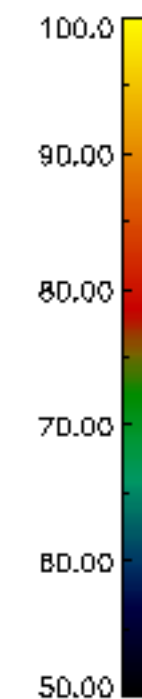
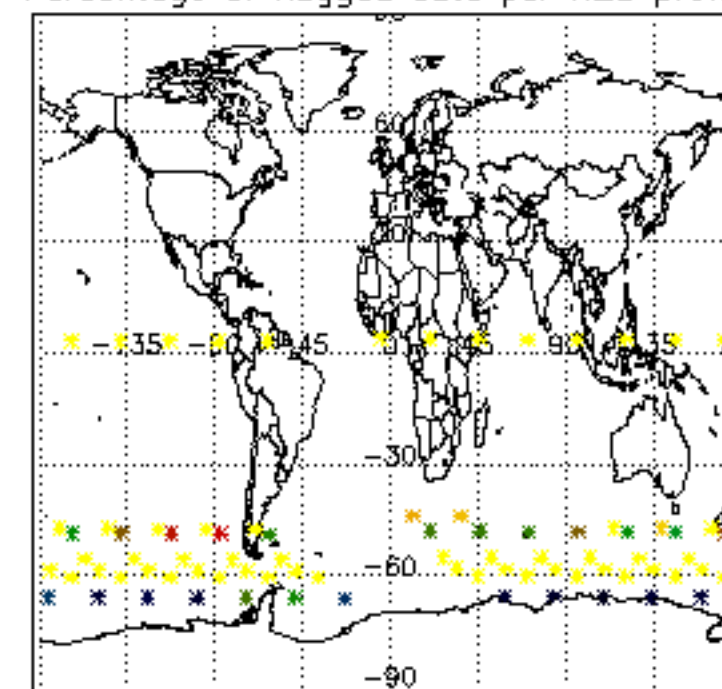
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-AUG-2005 03:18:12
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-AUG-2005 03:18:12
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-AUG-2005 03:18:12



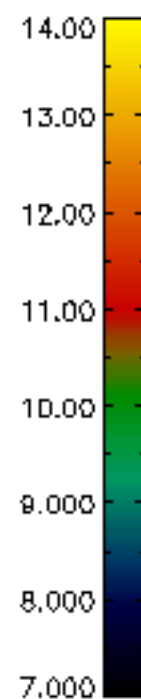
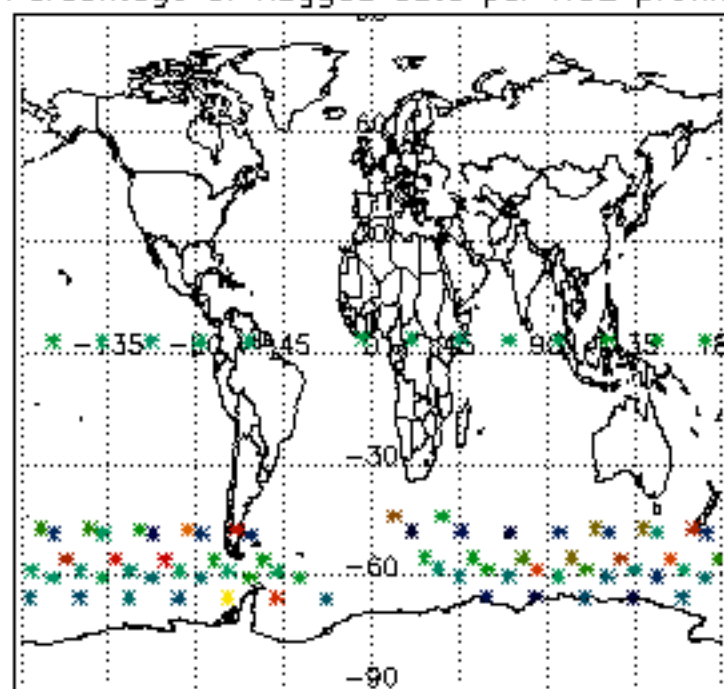
Percentage of flagged data per D3 profile



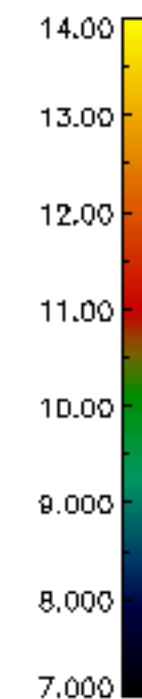
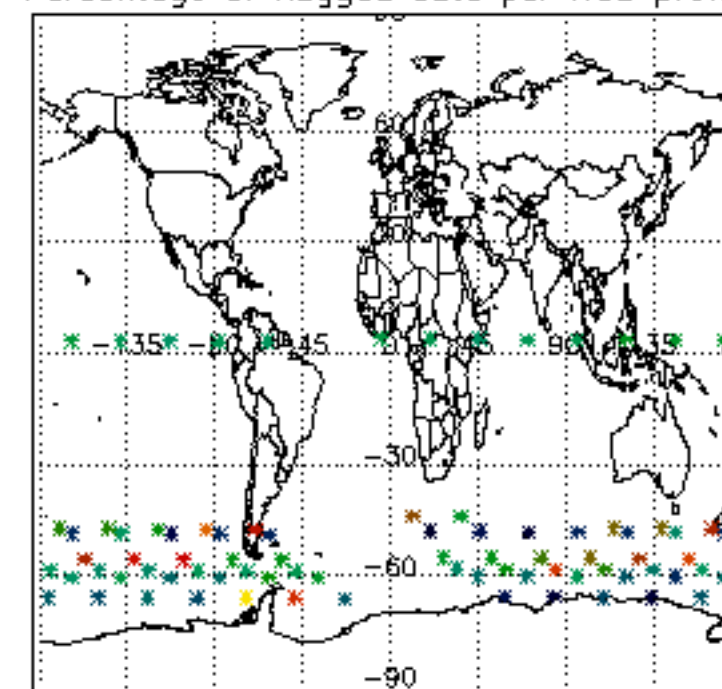
Percentage of flagged data per H2O profile



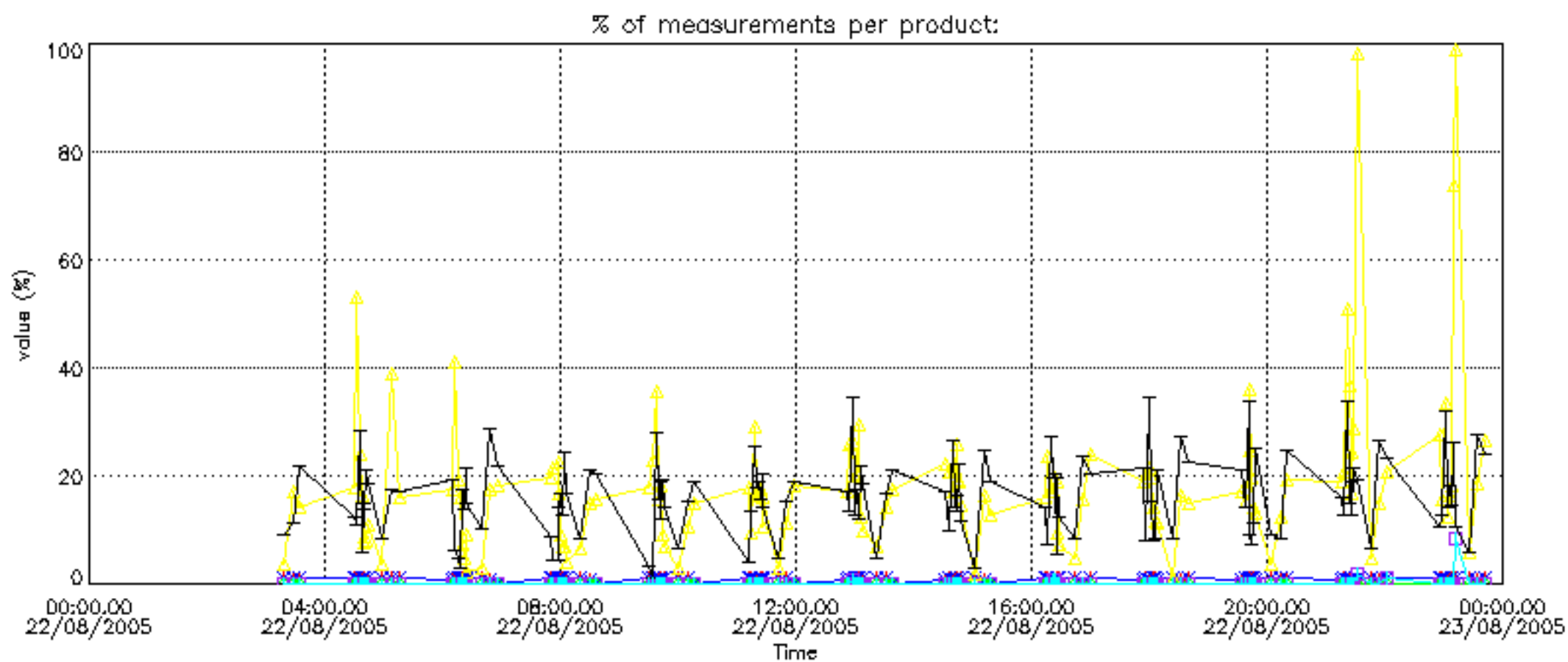
Percentage of flagged data per NO2 profile

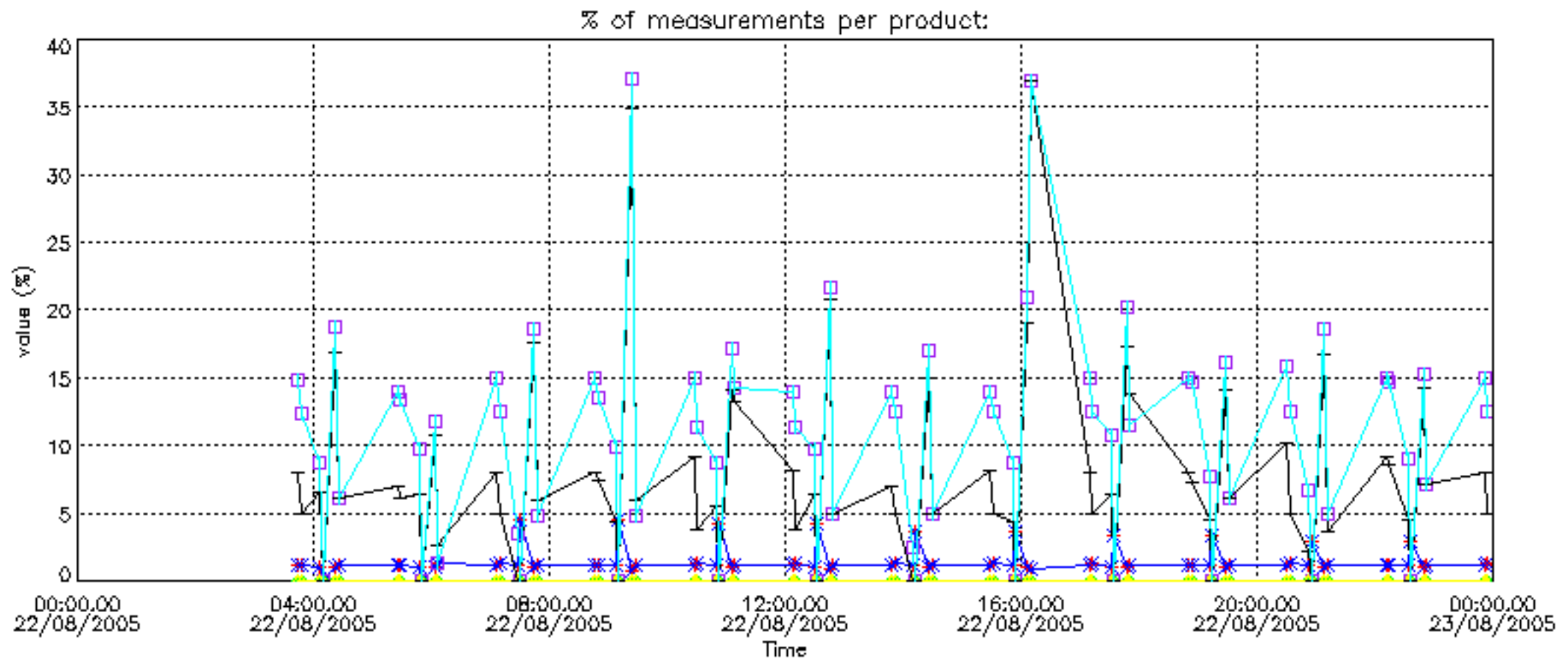


Percentage of flagged data per NO3 profile

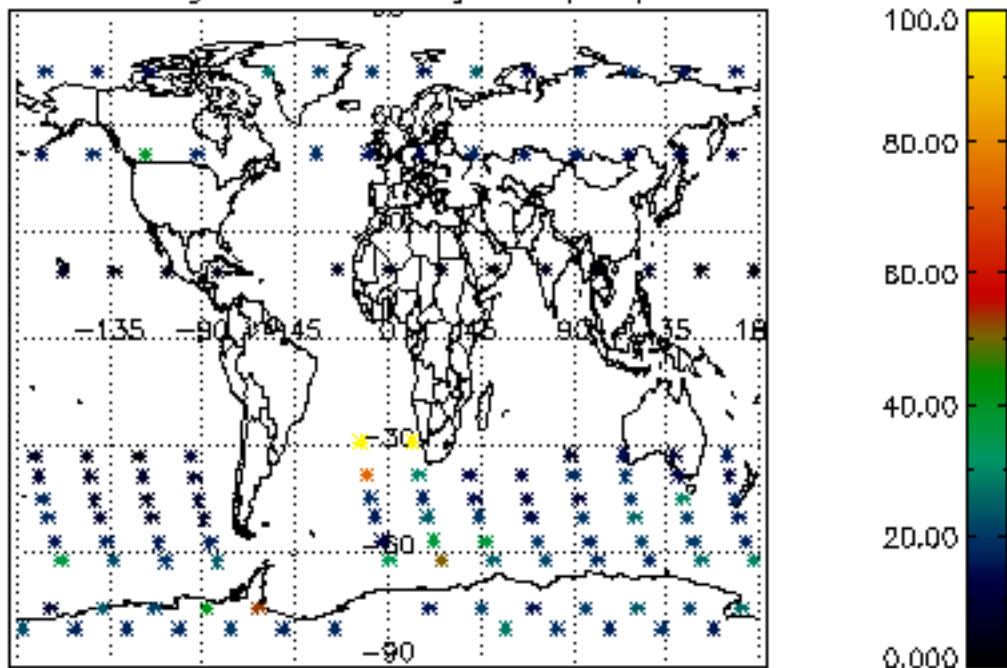




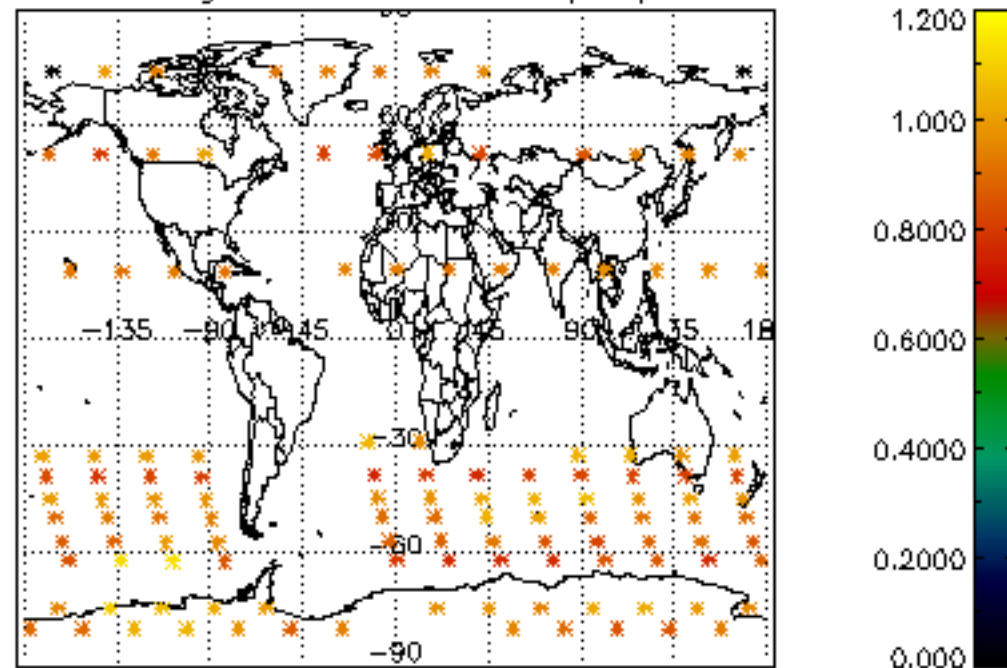




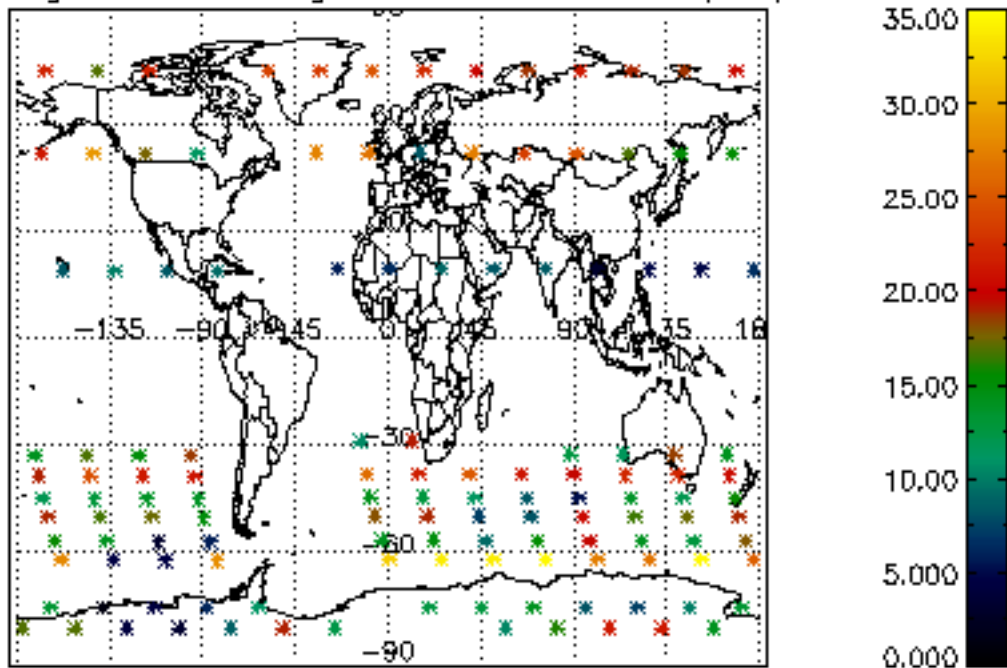
Percentage of cosmic ray hits per profile



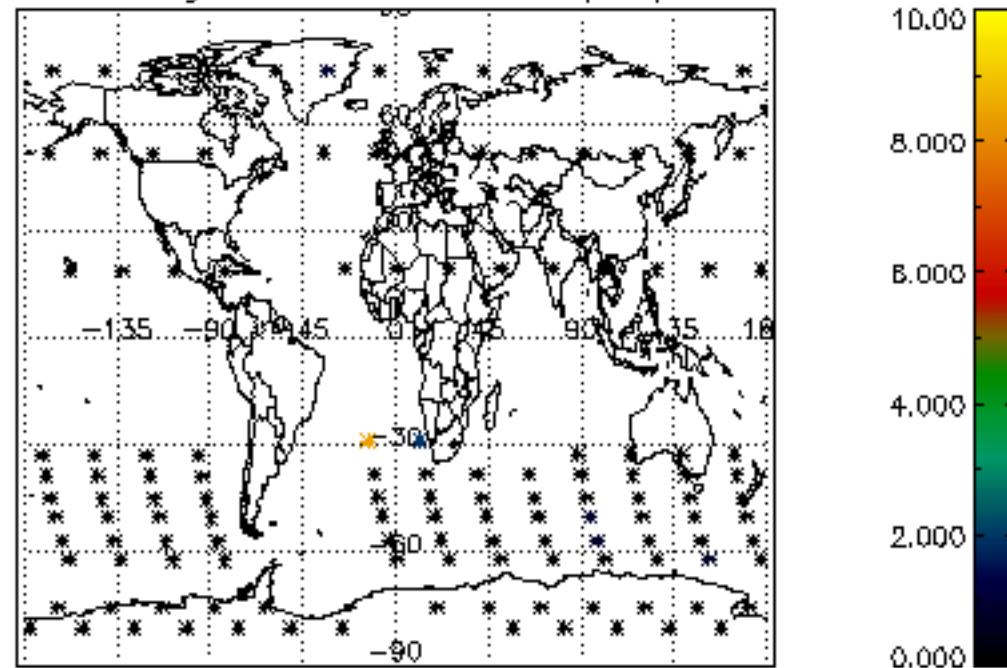
Percentage of datation errors per profile



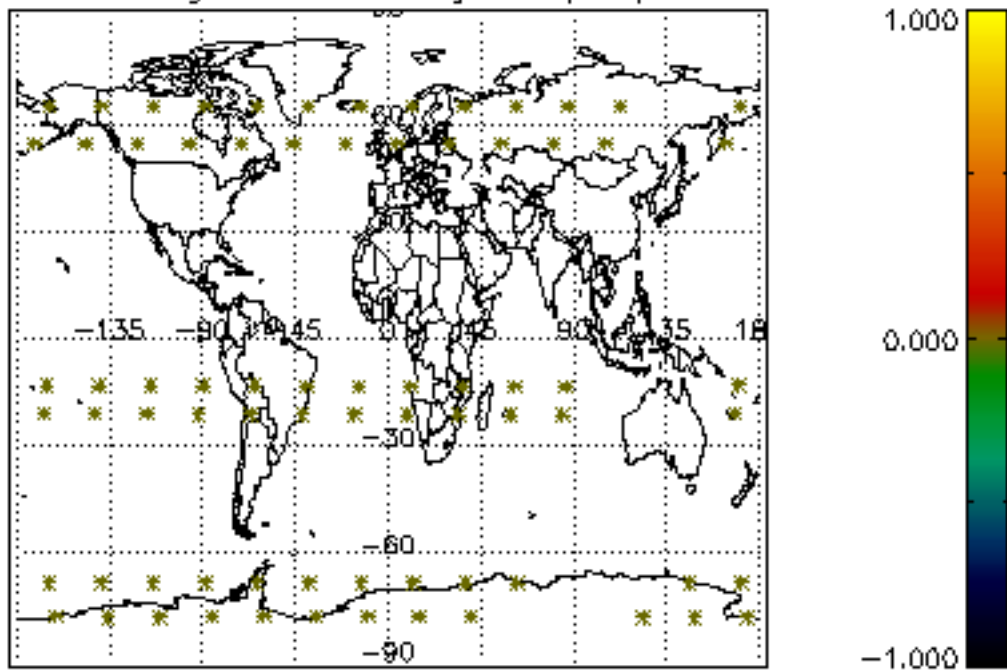
Percentage of star falling outside central band per profile



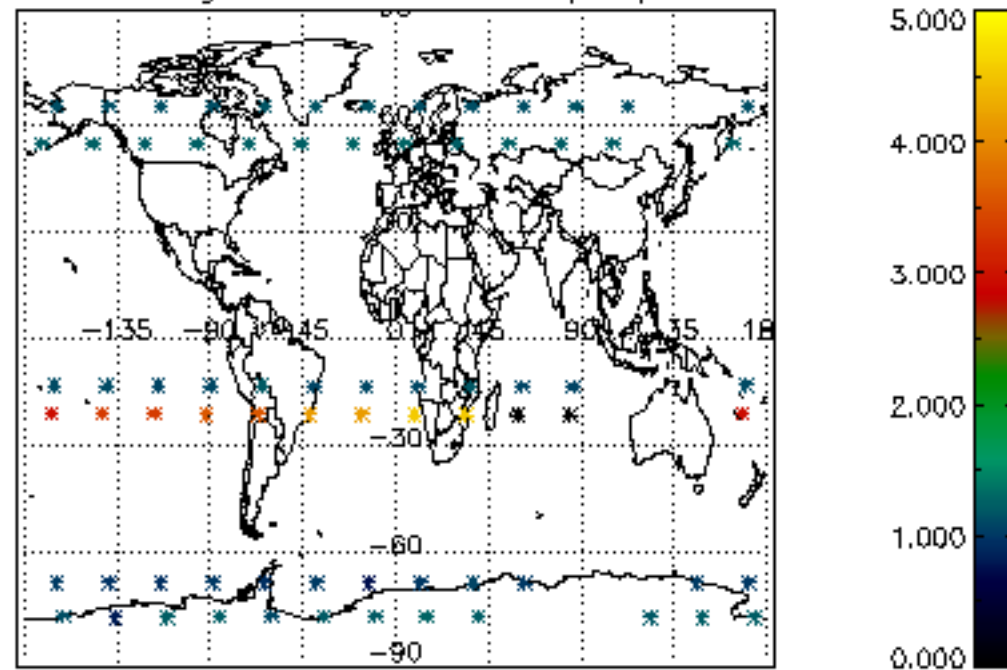
Percentage of saturation errors per profile



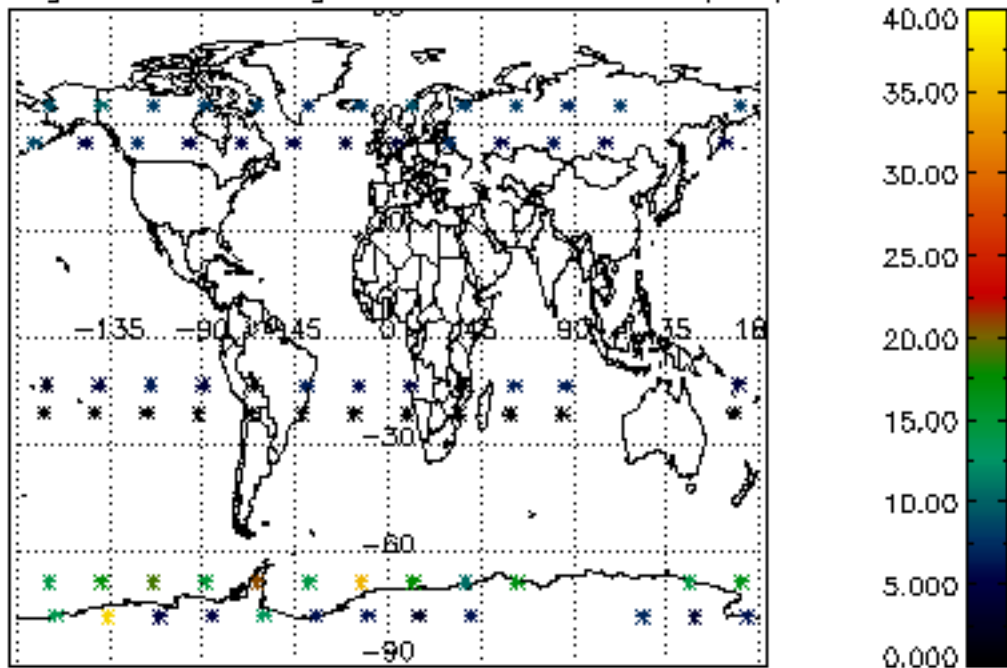
Percentage of cosmic ray hits per profile



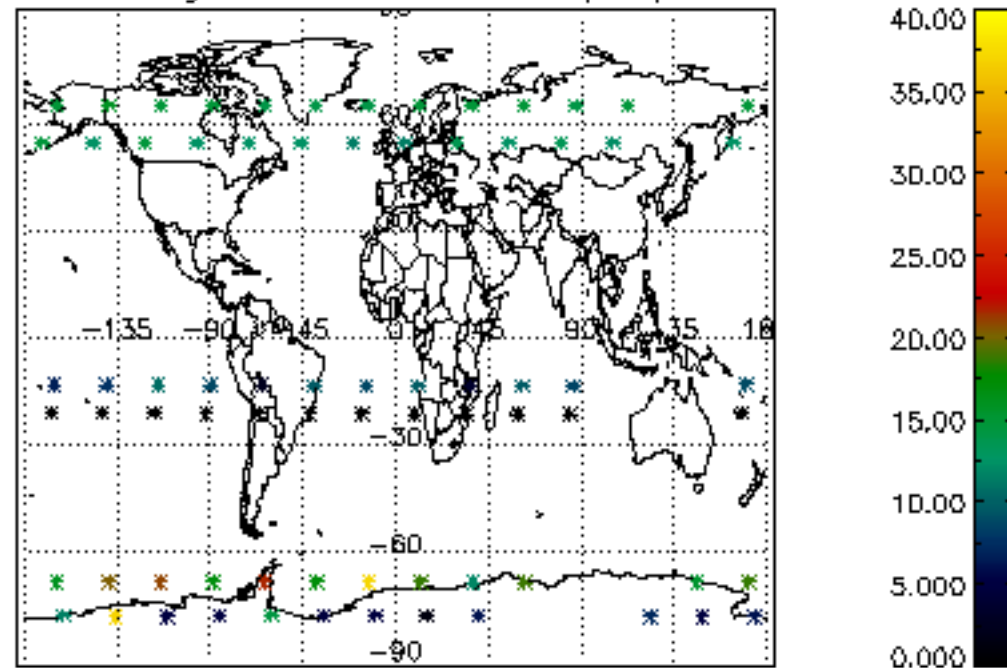
Percentage of datation errors per profile



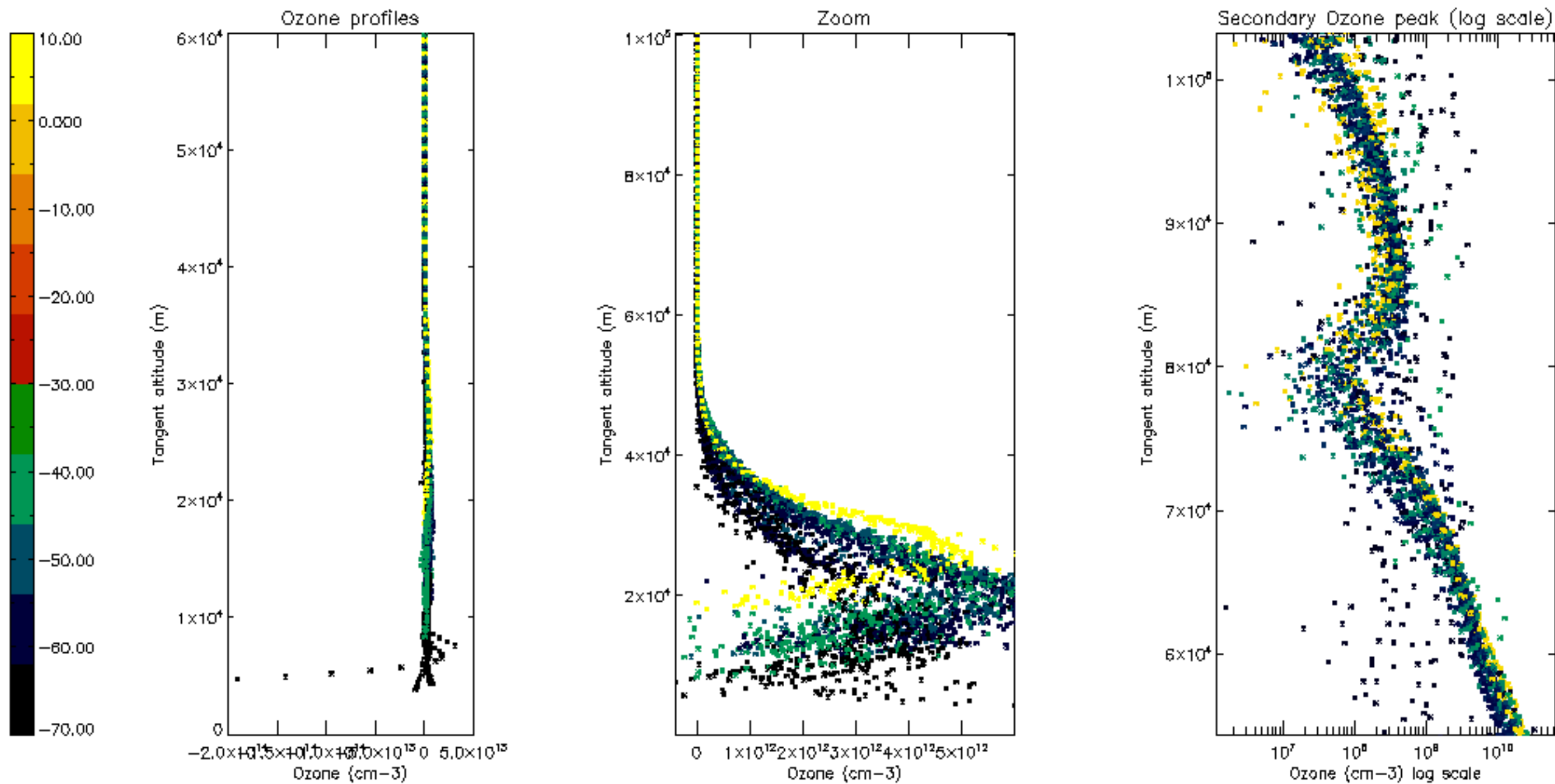
Percentage of star falling outside central band per profile

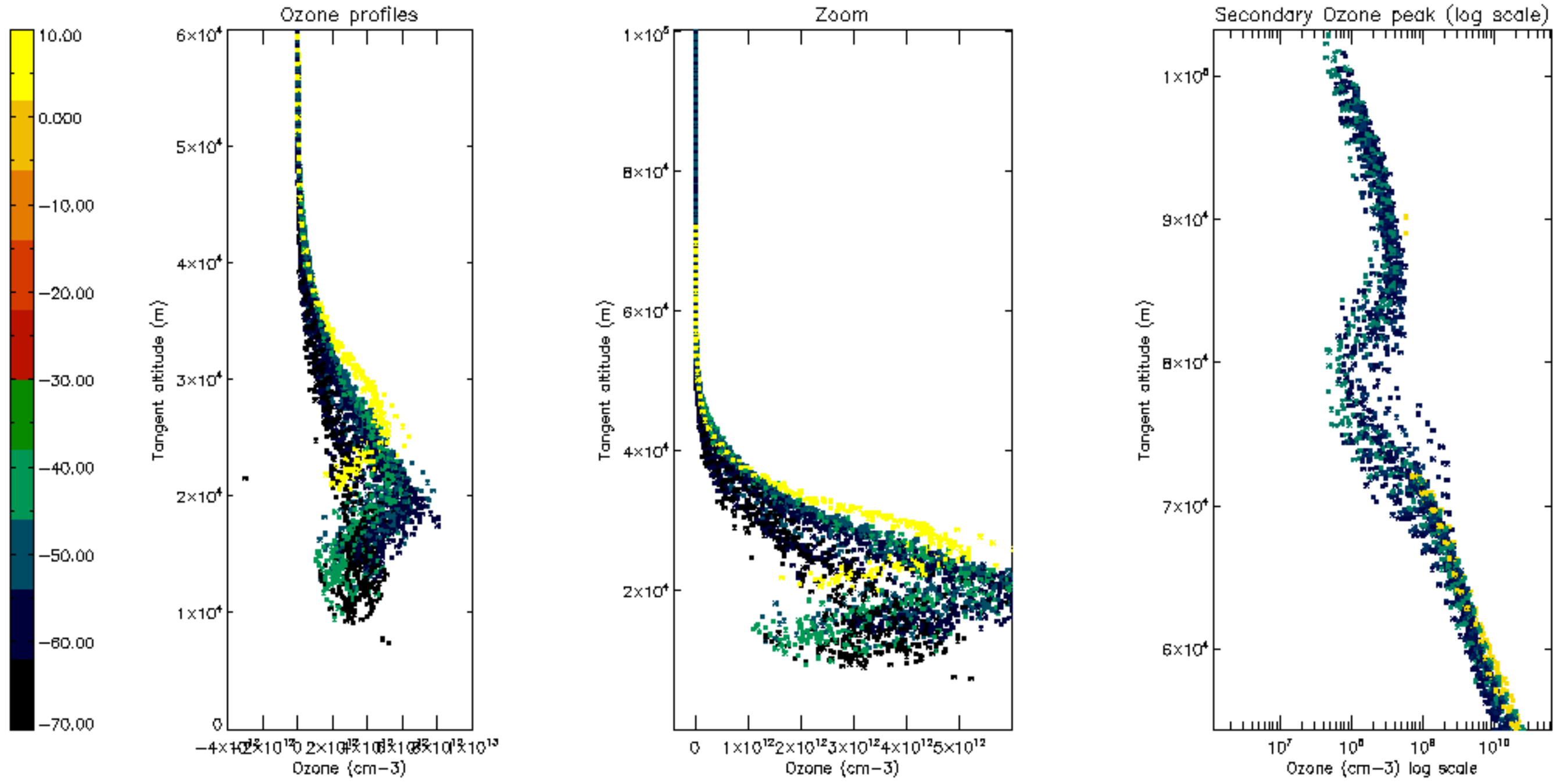


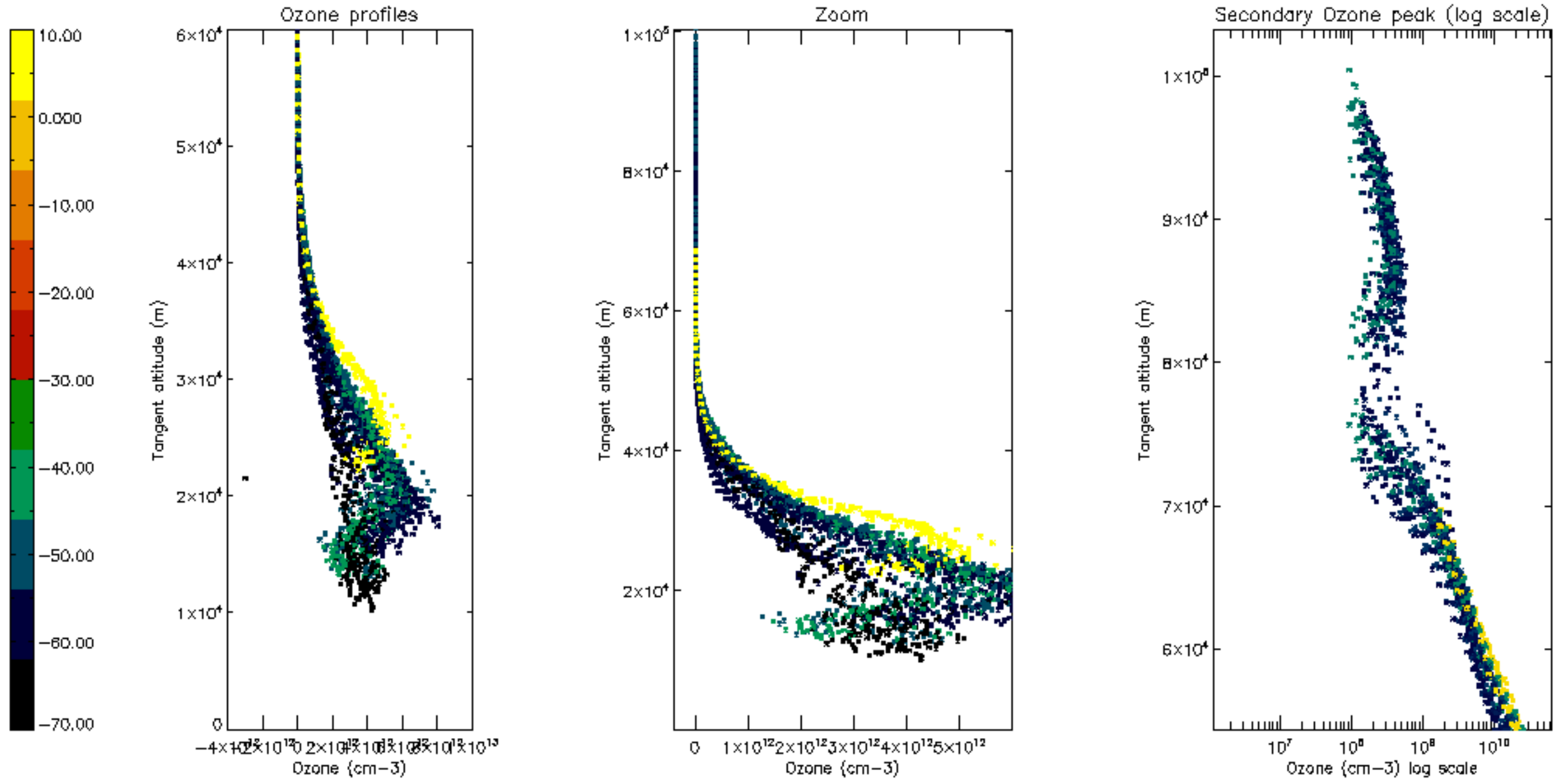
Percentage of saturation errors per profile



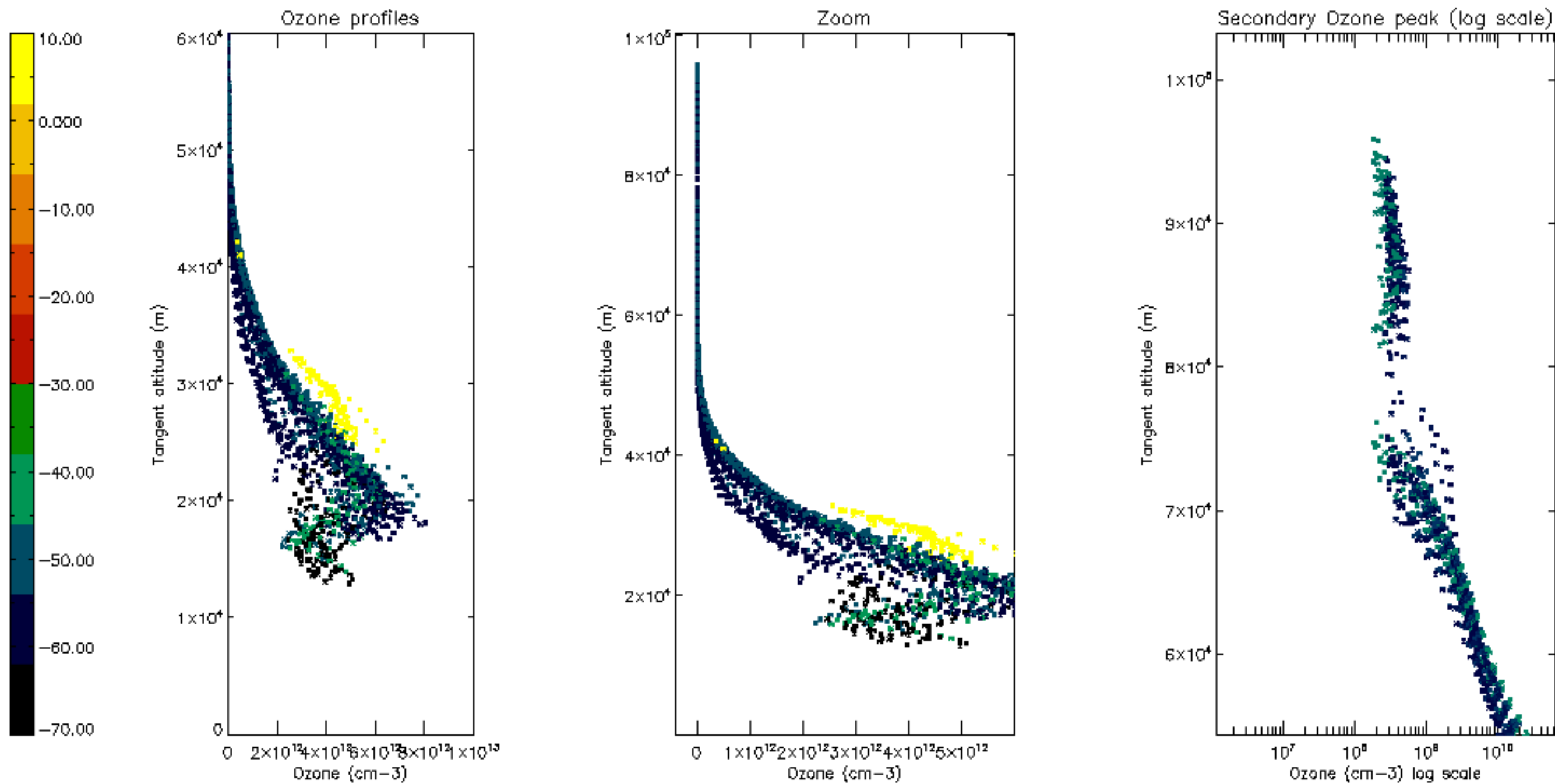


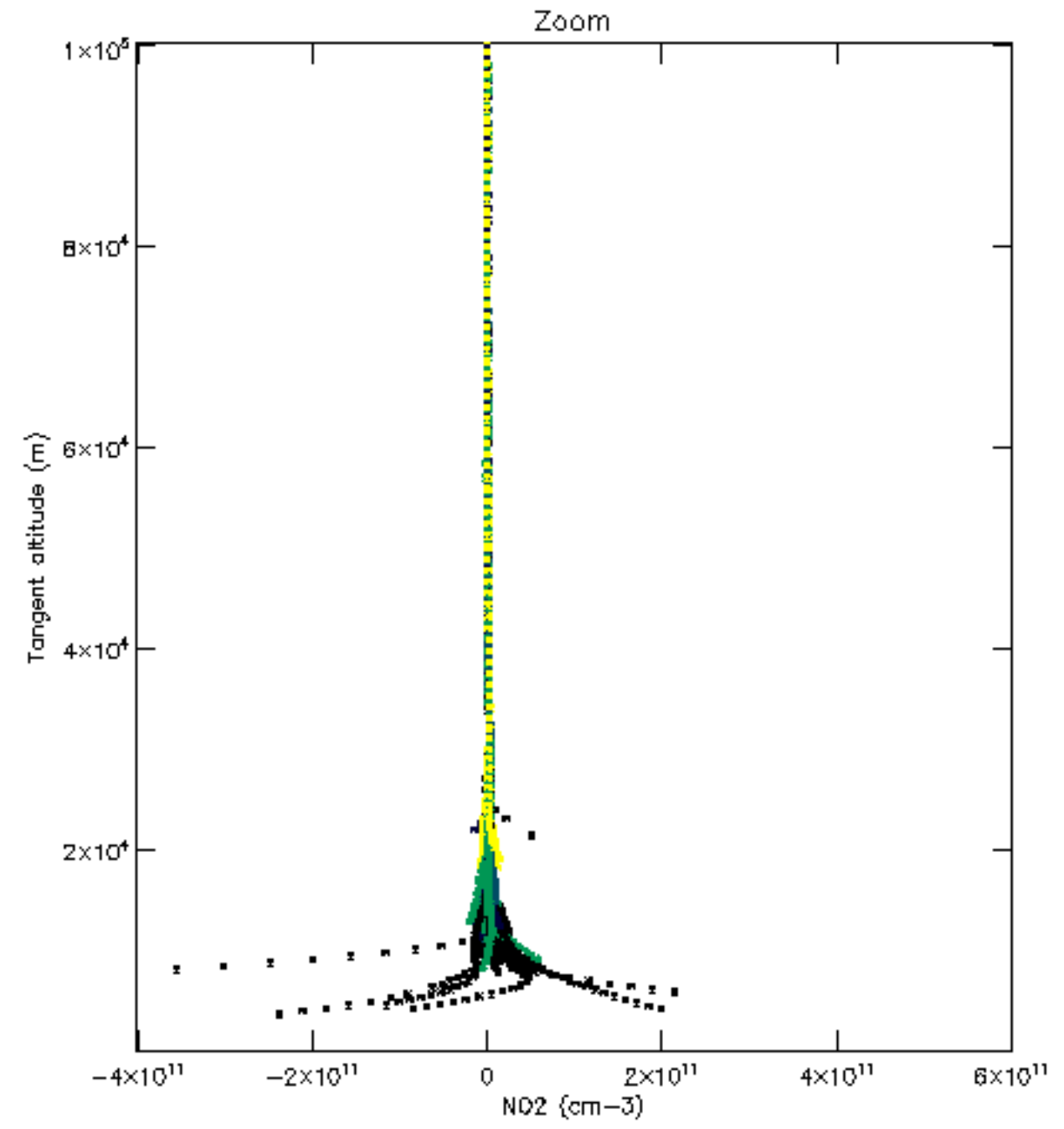
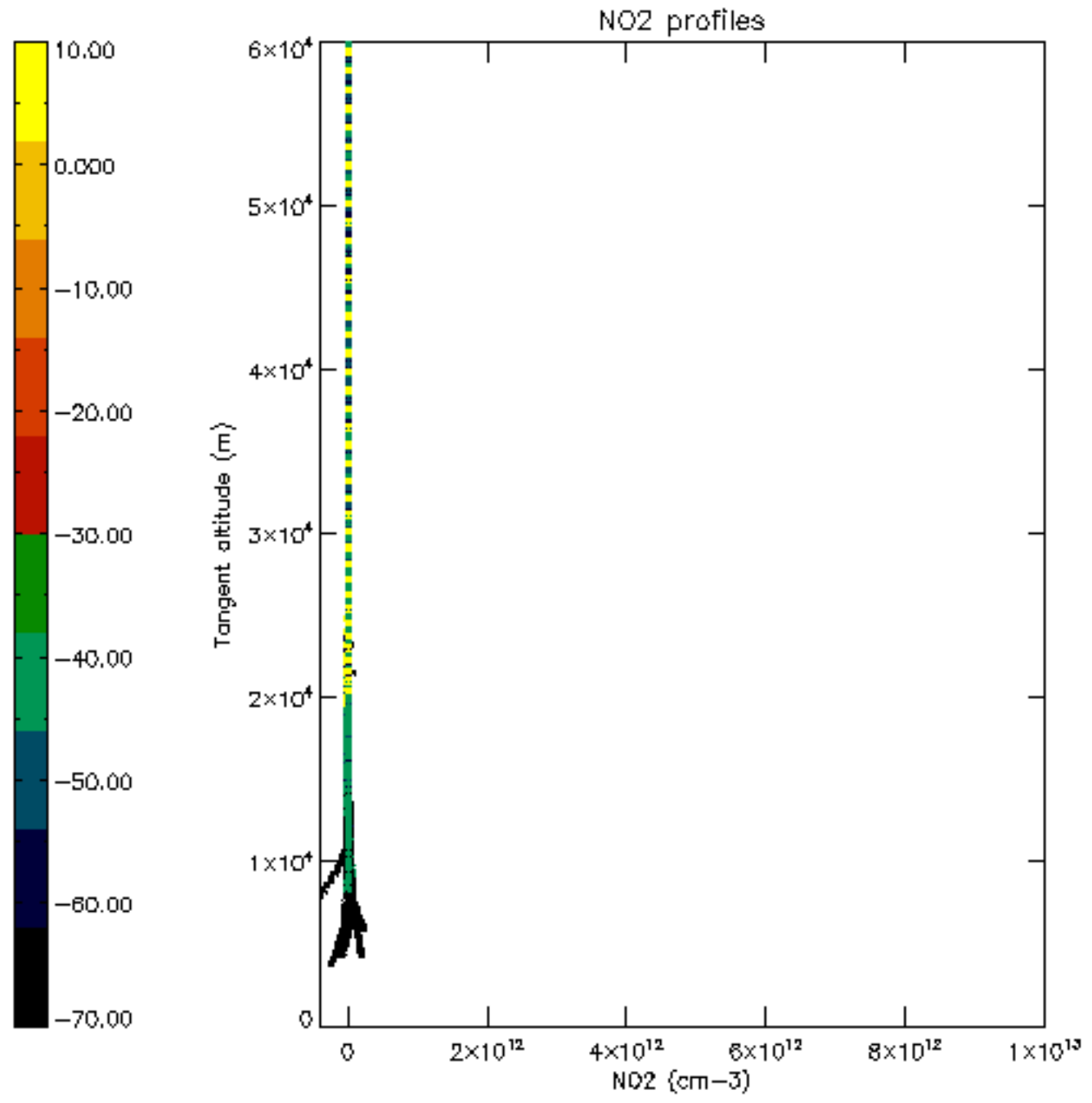


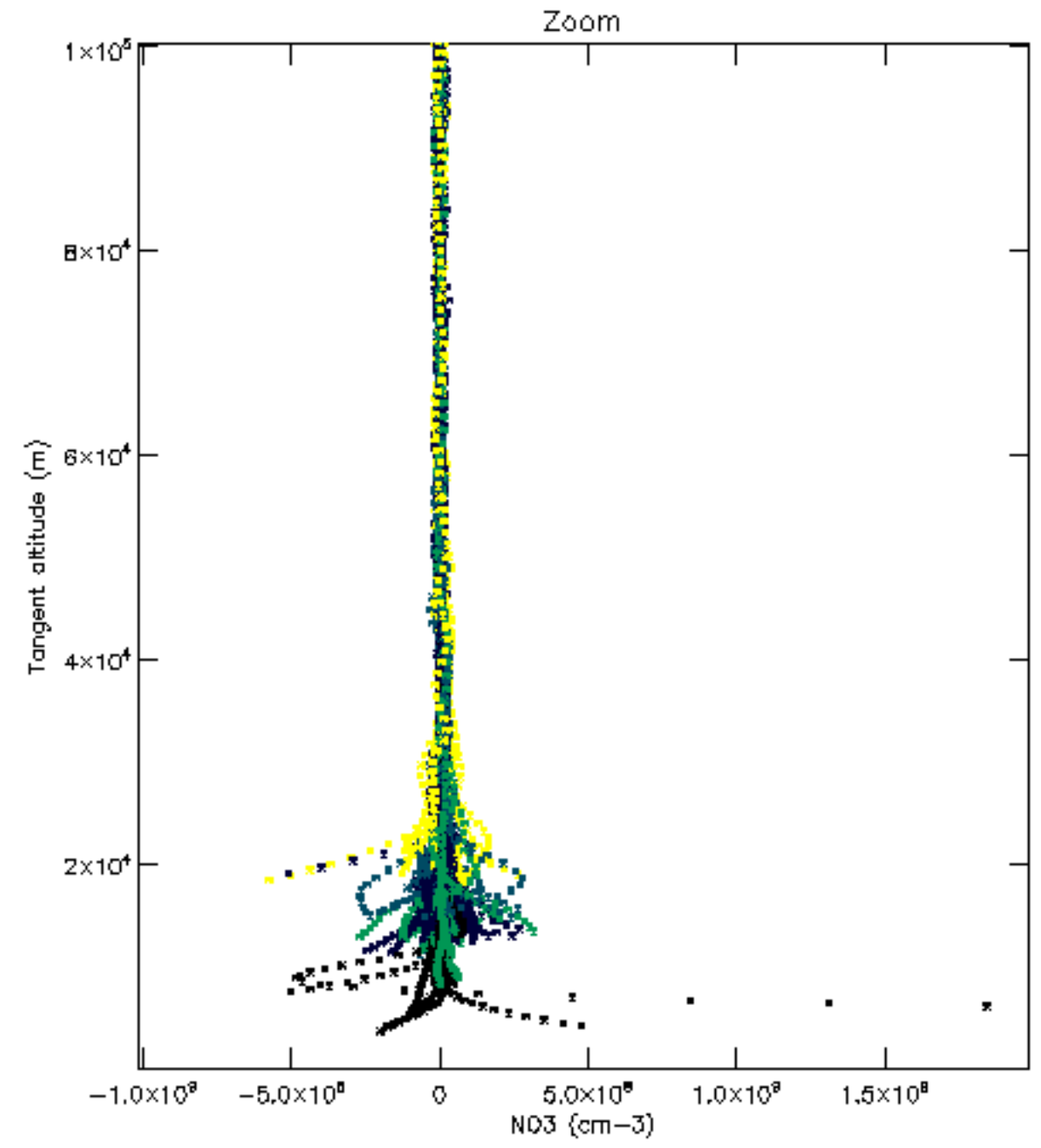
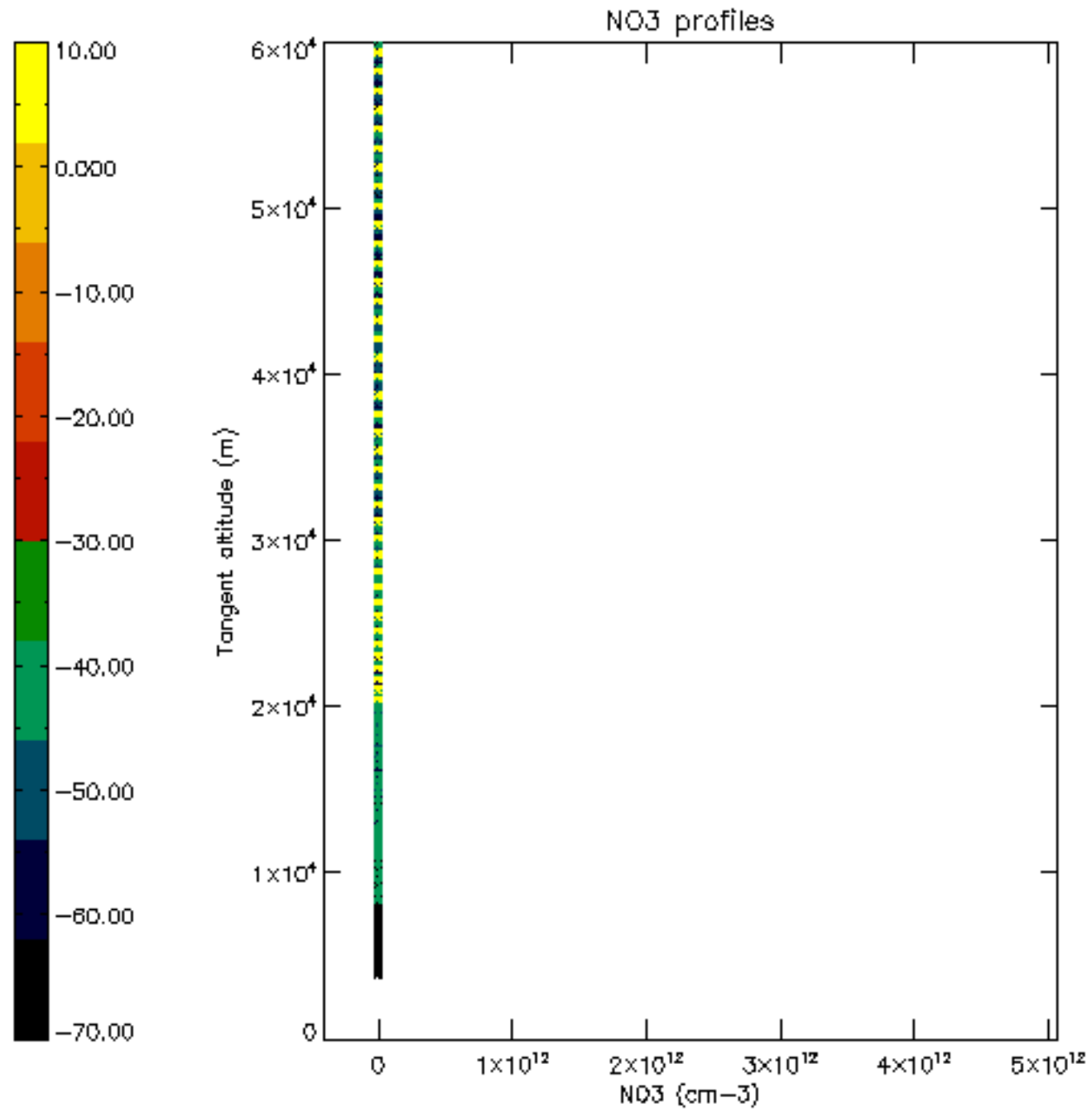




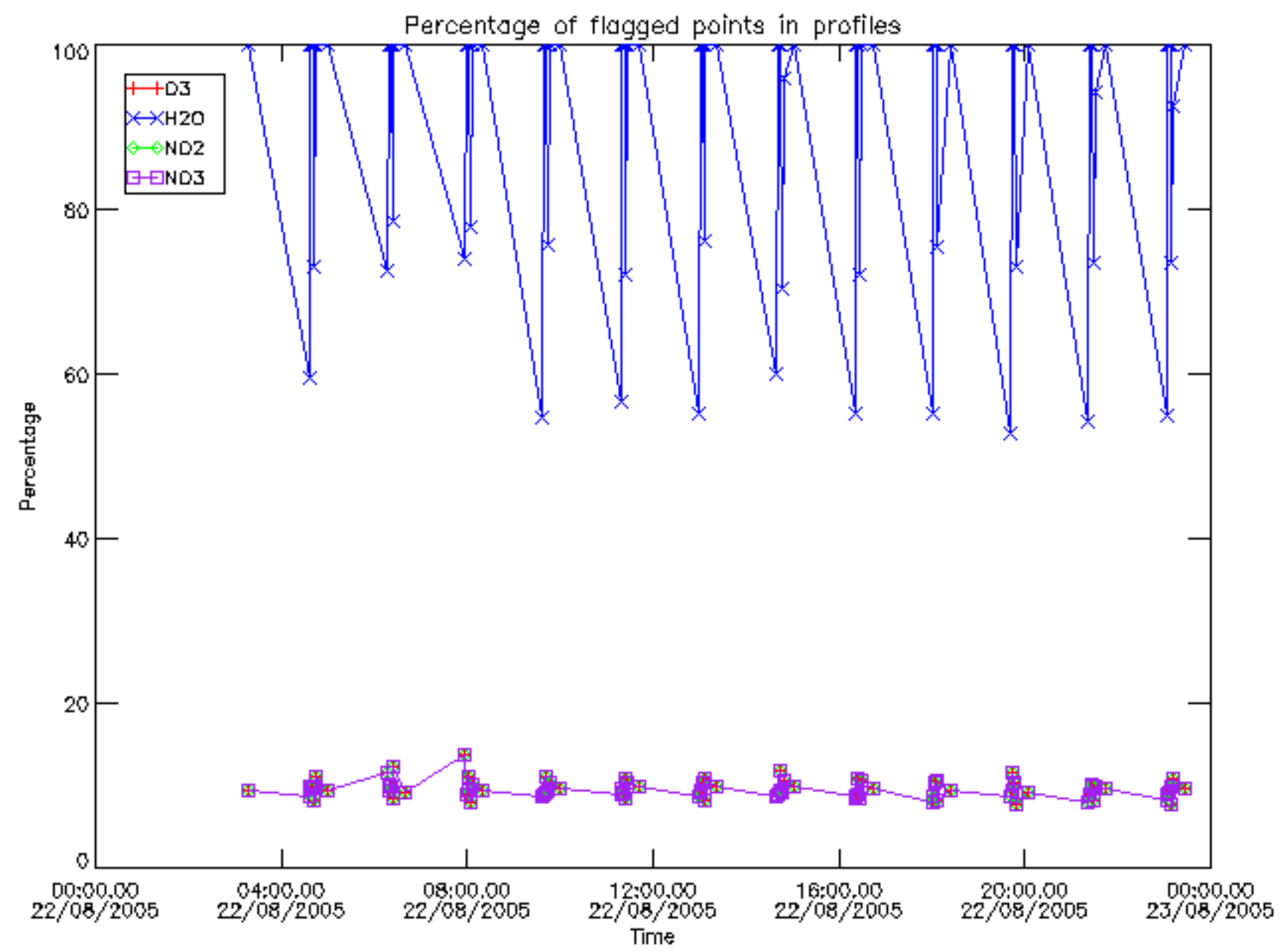




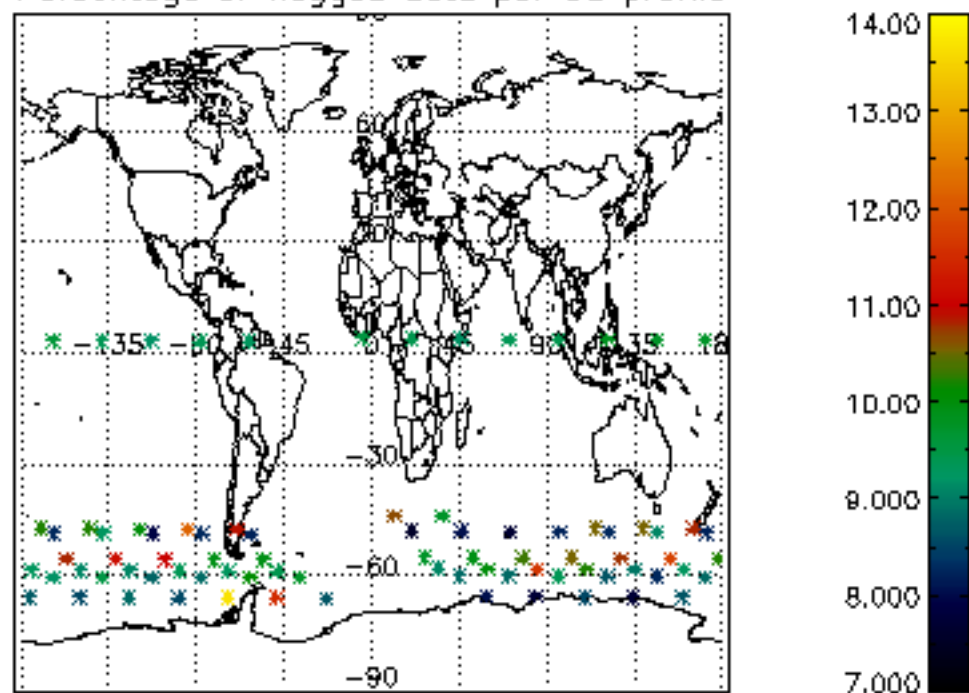




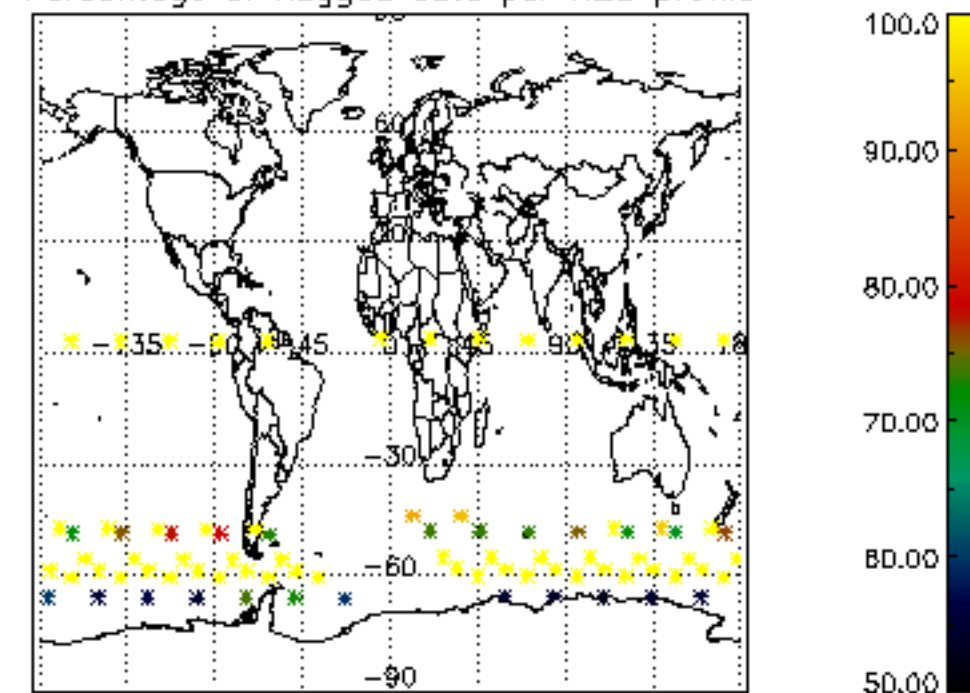




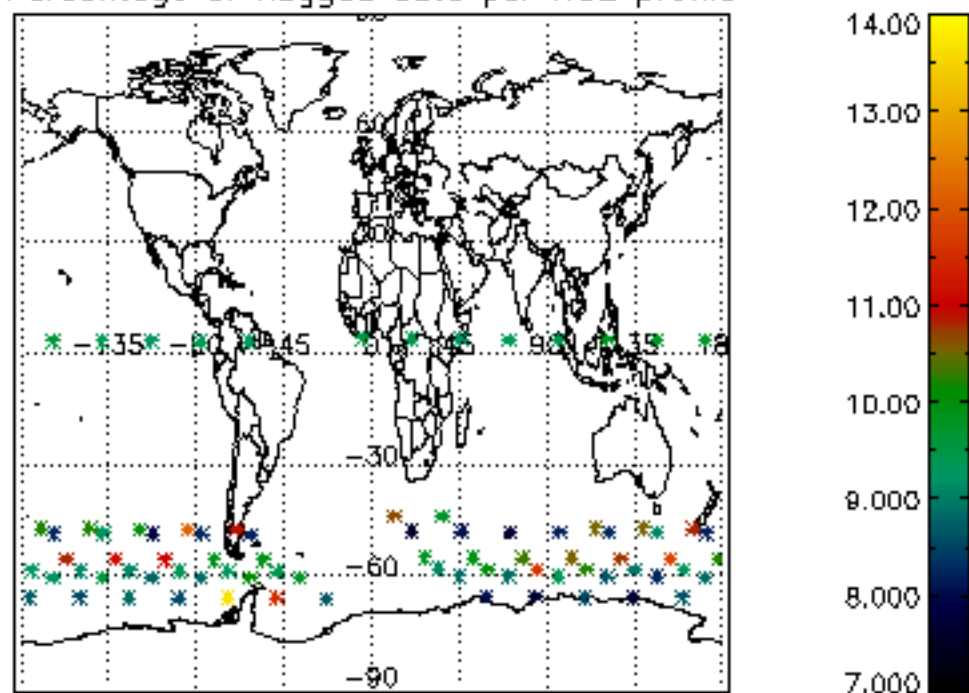
Percentage of flagged data per D3 profile



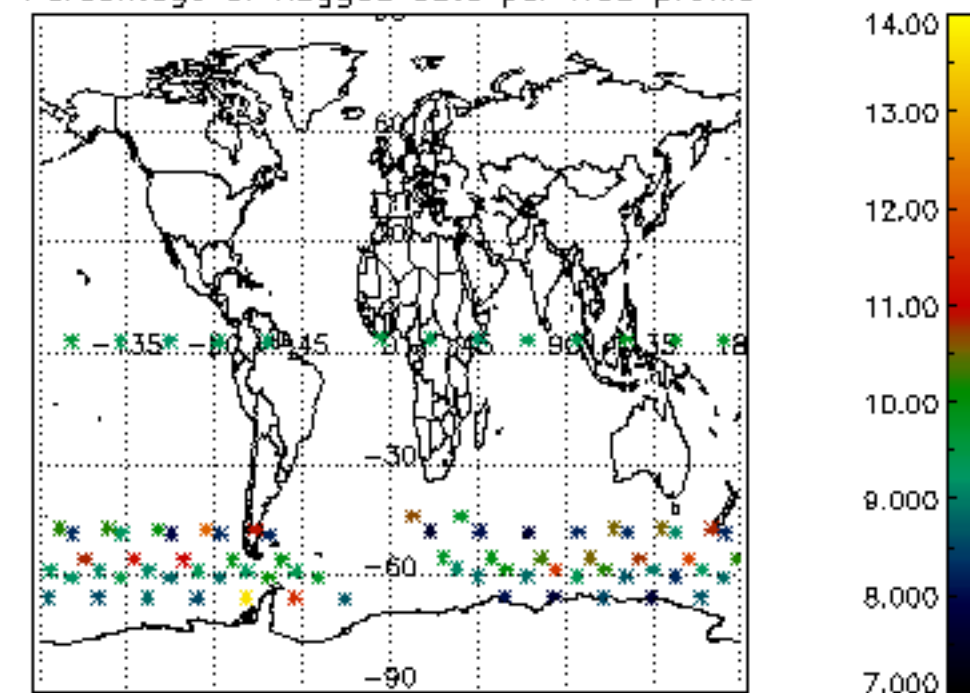
Percentage of flagged data per H2O profile

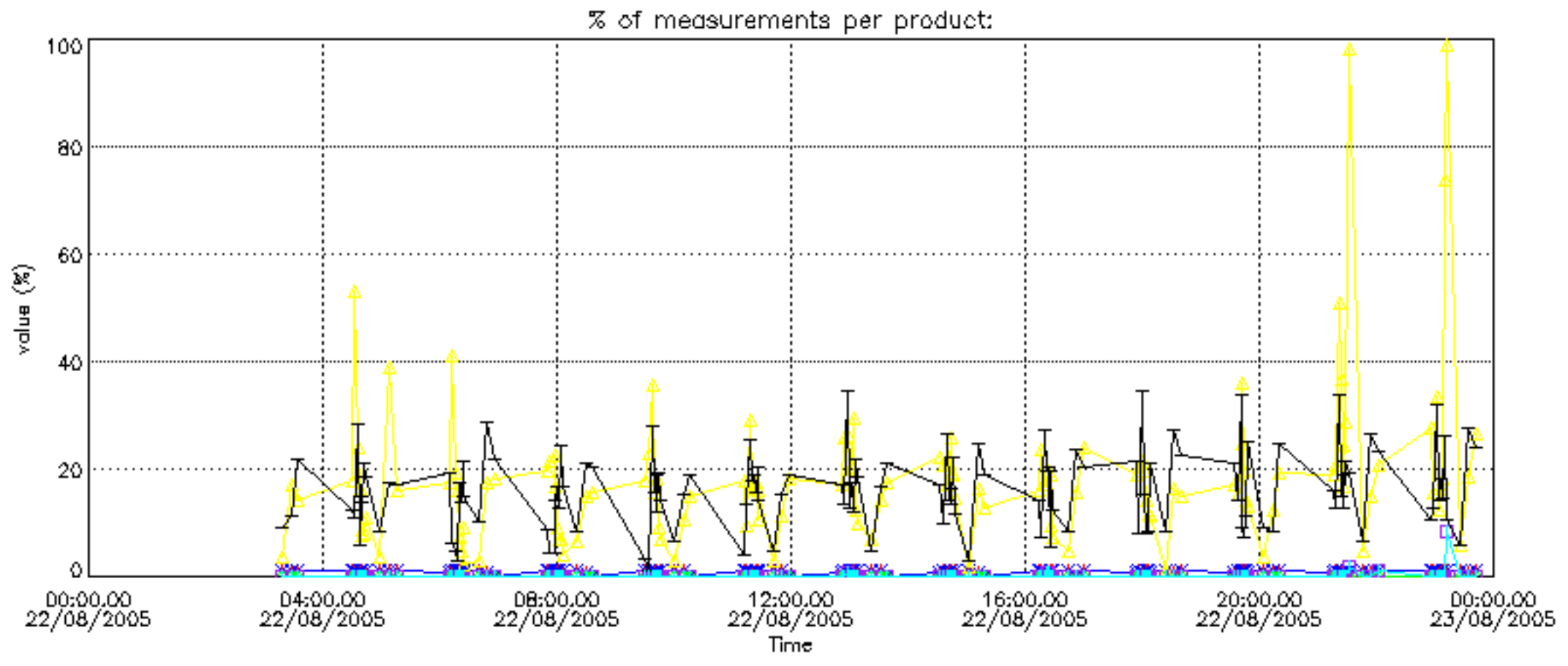


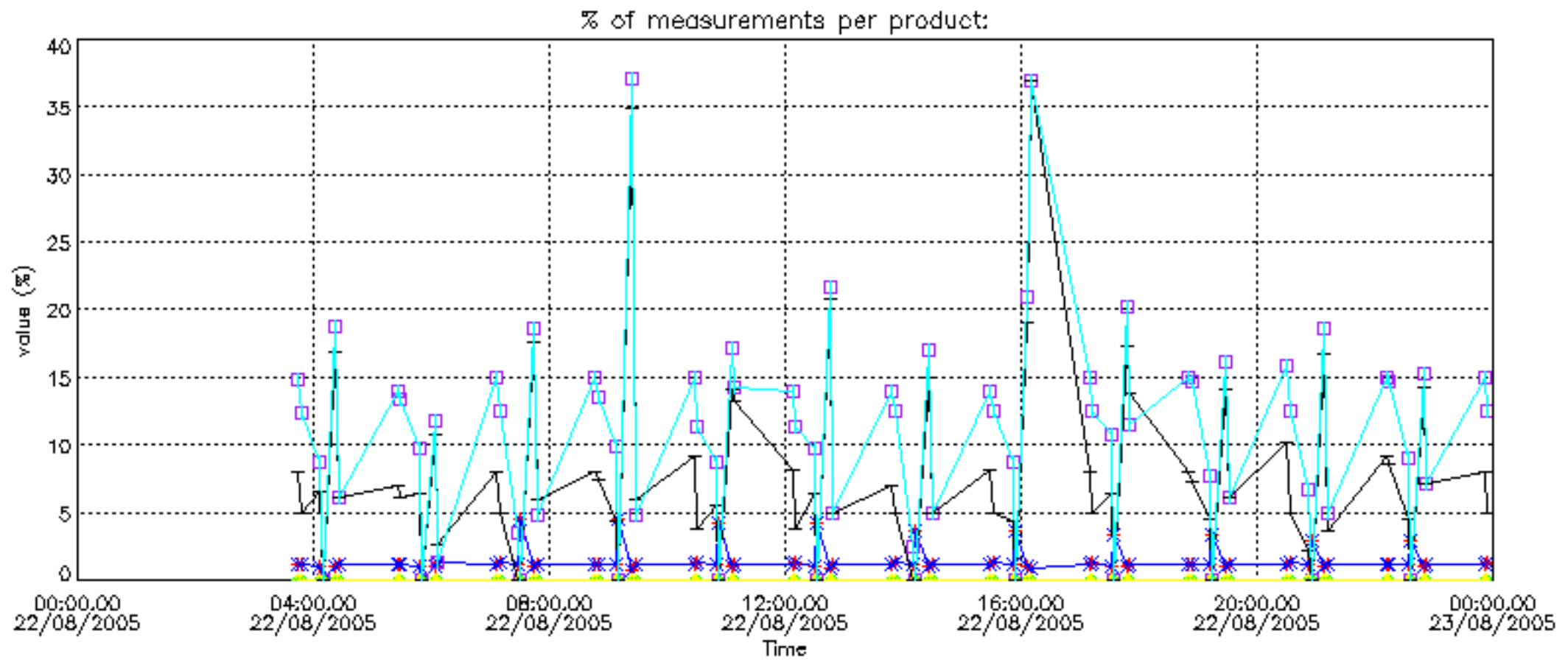
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

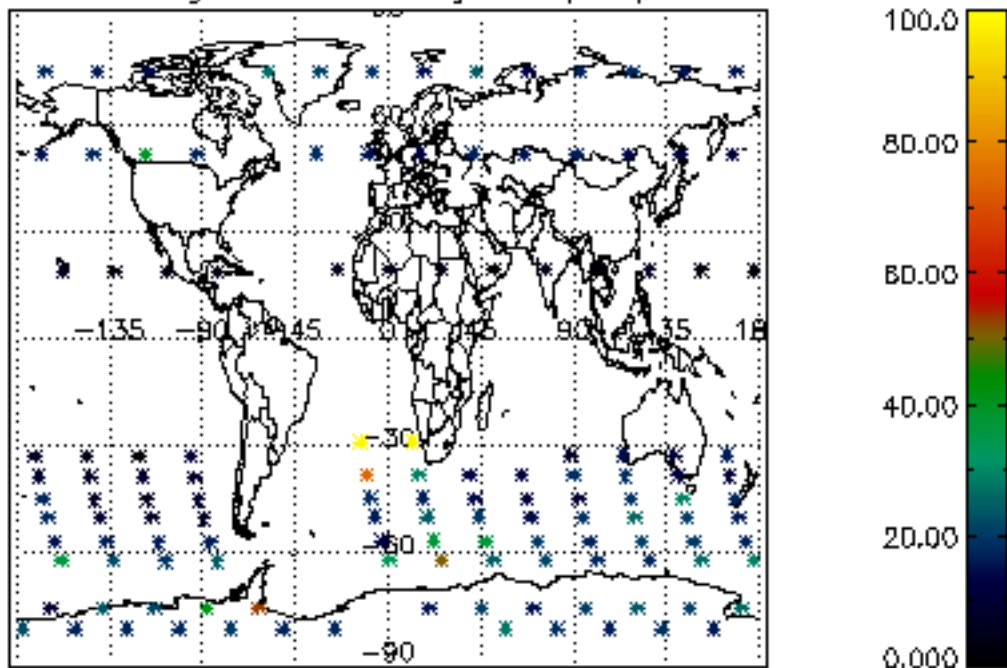




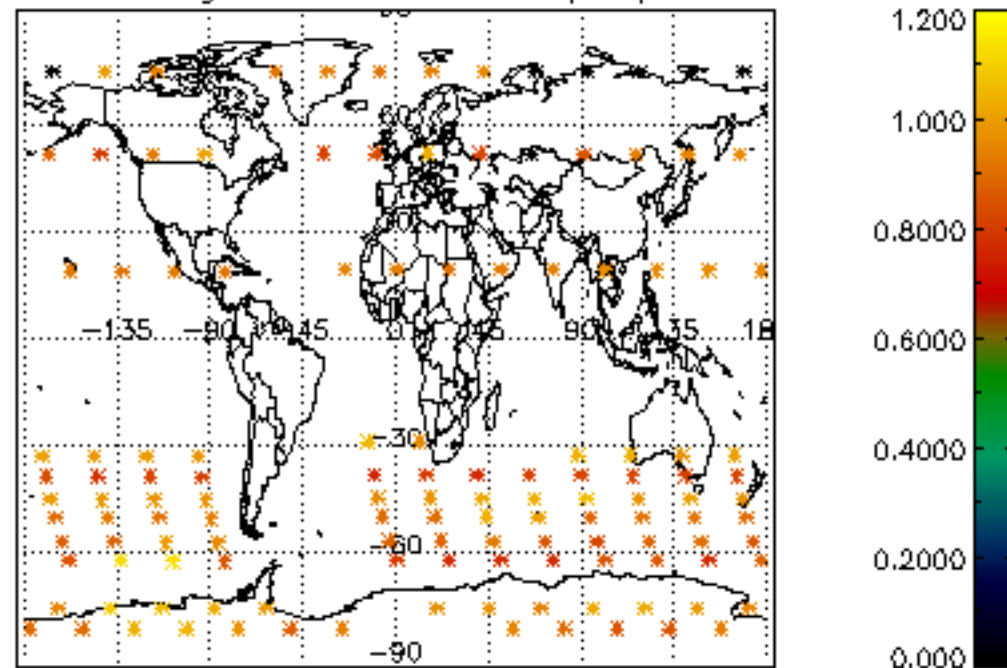




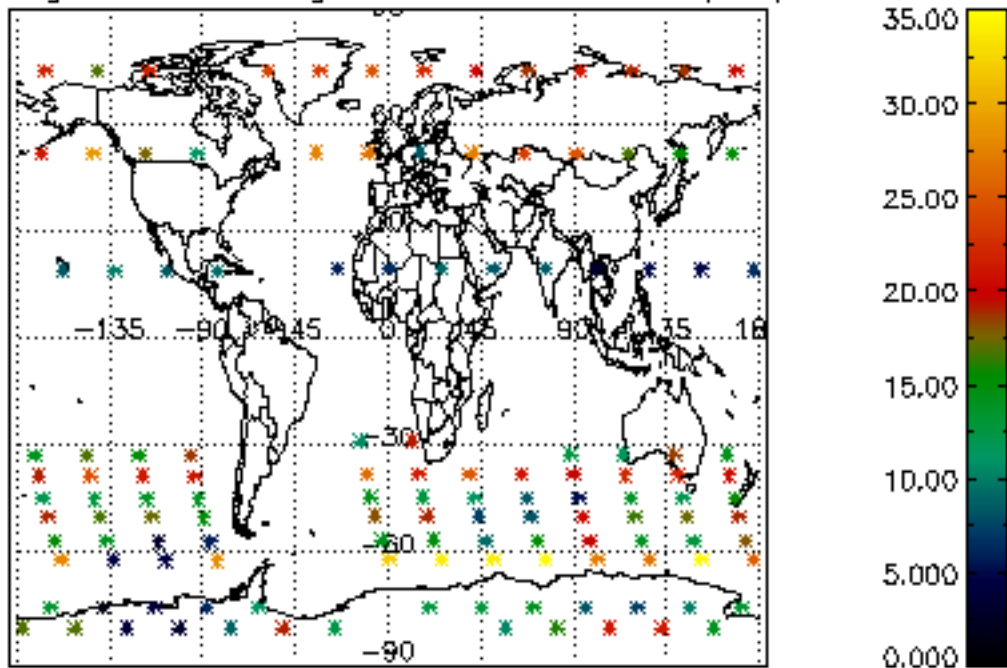
Percentage of cosmic ray hits per profile



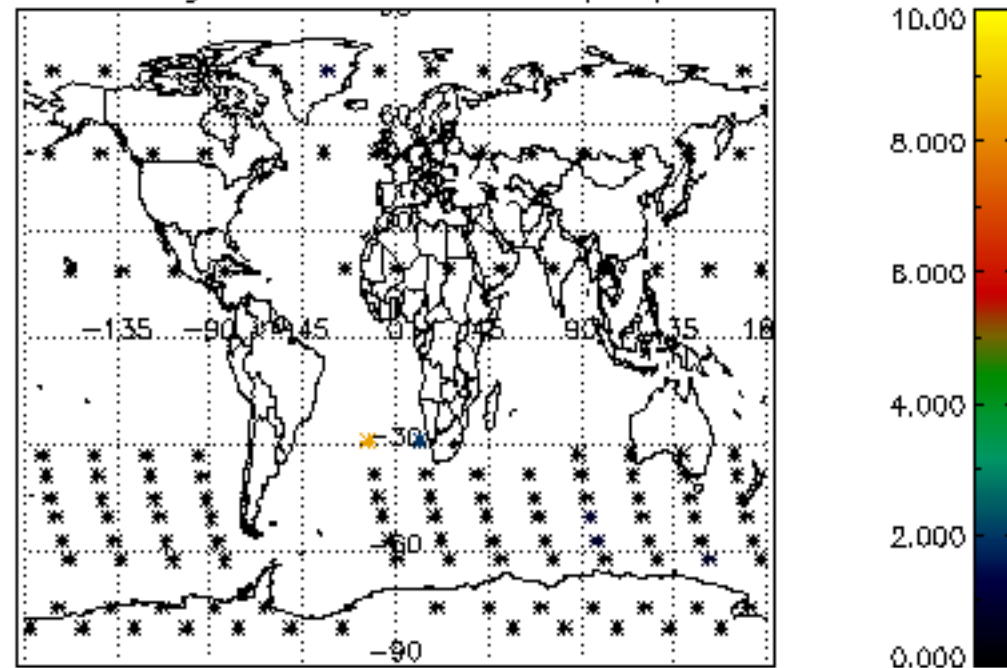
Percentage of datation errors per profile



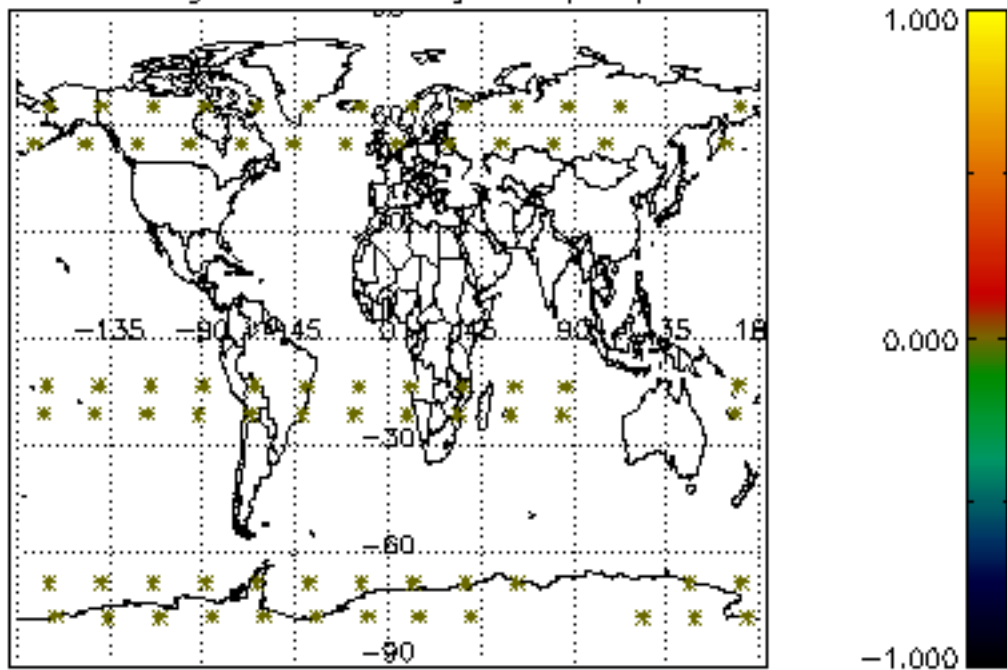
Percentage of star falling outside central band per profile



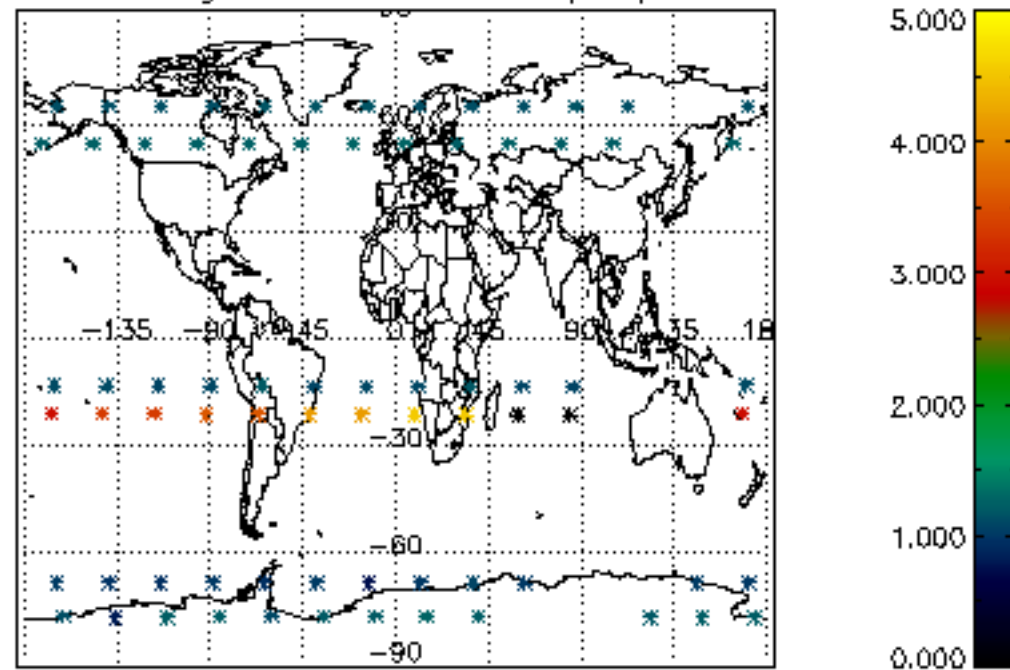
Percentage of saturation errors per profile



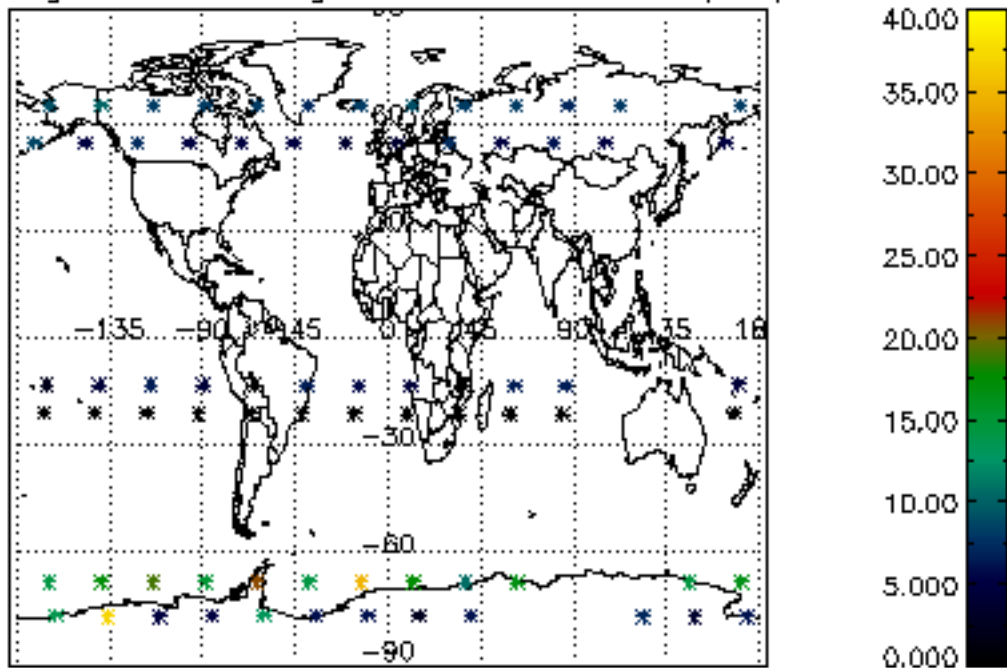
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

