

# GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P).  
 It is intended to monitor some important parameters that will impact the quality of these products.  
 A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	26APR2013 09:59:47
Data source version	GOMOS/6.01
Start time of products	06-06-2009 (06JUN2009 00:00:00)
Stop time of products	07-06-2009 (07JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	201
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090606_001332_000000332079_00360_37989_0977.N1	06-JUN-2009 00:13:32	Twilight	32.500	38	20Eps Sgr	1.8360	11000.	65	37989	No
2	GOM_NL__2PRFIN20090606_001509_000000342079_00360_37989_0978.N1	06-JUN-2009 00:15:09	Twilight	33.500	116	19Del Sgr	2.7000	4100.0	67	37989	No
3	GOM_NL__2PRFIN20090606_002106_000000292079_00360_37989_0979.N1	06-JUN-2009 00:21:06	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	37989	No
4	GOM_NL__2PRFIN20090606_003128_000000372079_00360_37989_0980.N1	06-JUN-2009 00:31:28	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	37989	No
5	GOM_NL__2PRFIN20090606_003605_000000312079_00360_37989_0981.N1	06-JUN-2009 00:36:05	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	37989	No
6	GOM_NL__2PRFIN20090606_004322_000000312079_00360_37989_0982.N1	06-JUN-2009 00:43:22	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	37989	No
7	GOM_NL__2PRFIN20090606_005413_000000312079_00360_37989_0983.N1	06-JUN-2009 00:54:13	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	37989	No
8	GOM_NL__2PRFIN20090606_005946_000000252079_00360_37989_0984.N1	06-JUN-2009 00:59:46	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37989	No
9	GOM_NL__2PRFIN20090606_011039_000000302079_00360_37989_0985.N1	06-JUN-2009 01:10:39	Twilight	29.500	58	21Alp And	2.0730	11000.	59	37989	No
10	GOM_NL__2PRFIN20090606_011601_000000312079_00360_37989_0986.N1	06-JUN-2009 01:16:01	Dark	31.000	140	88Gam Peg	2.8340	26000.	62	37989	No
11	GOM_NL__2PRFIN20090606_013439_000000412079_00360_37989_0987.N1	06-JUN-2009 01:34:39	Dark	40.500	18	24Alp PsA	1.1660	9700.0	81	37989	No
12	GOM_NL__2PRFIN20090606_013922_000000342079_00361_37990_1008.N1	06-JUN-2009 01:39:22	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37990	No
13	GOM_NL__2PRFIN20090606_015408_000000332079_00361_37990_1009.N1	06-JUN-2009 01:54:08	Twilight	32.500	38	20Eps Sgr	1.8360	11000.	65	37990	No
14	GOM_NL__2PRFIN20090606_015546_000000332079_00361_37990_1010.N1	06-JUN-2009 01:55:46	Twilight	33.000	116	19Del Sgr	2.7000	4100.0	66	37990	No
15	GOM_NL__2PRFIN20090606_020142_000000292079_00361_37990_1011.N1	06-JUN-2009 02:01:42	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	37990	No
16	GOM_NL__2PRFIN20090606_021204_000000372079_00361_37990_1012.N1	06-JUN-2009 02:12:04	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	37990	No
17	GOM_NL__2PRFIN20090606_021641_000000302079_00361_37990_1013.N1	06-JUN-2009 02:16:41	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	37990	No
18	GOM_NL__2PRFIN20090606_022357_000000322079_00361_37990_1014.N1	06-JUN-2009 02:23:57	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37990	No
19	GOM_NL__2PRFIN20090606_023448_000000312079_00361_37990_1015.N1	06-JUN-2009 02:34:48	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	37990	No
20	GOM_NL__2PRFIN20090606_024021_000000252079_00361_37990_1016.N1	06-JUN-2009 02:40:21	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37990	No
21	GOM_NL__2PRFIN20090606_024825_000000232079_00361_37990_1017.N1	06-JUN-2009 02:48:25	Twilight	23.000	53	43Bet And	2.0480	3300.0	46	37990	No
22	GOM_NL__2PRFIN20090606_025115_000000292079_00361_37990_1018.N1	06-JUN-2009 02:51:15	Straylight	29.000	58	21Alp And	2.0730	11000.	58	37990	No
23	GOM_NL__2PRFIN20090606_025638_000000322079_00361_37990_1019.N1	06-JUN-2009 02:56:38	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37990	No
24	GOM_NL__2PRFIN20090606_031515_000000412079_00361_37990_1020.N1	06-JUN-2009 03:15:15	Dark	41.000	18	24Alp PsA	1.1660	9700.0	82	37990	No
25	GOM_NL__2PRFIN20090606_031959_000000342079_00362_37991_1017.N1	06-JUN-2009 03:19:59	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37991	No
26	GOM_NL__2PRFIN20090606_033445_000000322079_00362_37991_1018.N1	06-JUN-2009 03:34:45	Twilight	32.000	38	20Eps Sgr	1.8360	11000.	64	37991	No
27	GOM_NL__2PRFIN20090606_033622_000000342079_00362_37991_1019.N1	06-JUN-2009 03:36:22	Twilight	33.500	116	19Del Sgr	2.7000	4100.0	67	37991	No
28	GOM_NL__2PRFIN20090606_034218_000000292079_00362_37991_1020.N1	06-JUN-2009 03:42:18	Twilight	28.500	86	35Eta Oph	2.4300	10200.	57	37991	No
29	GOM_NL__2PRFIN20090606_035238_000000382079_00362_37991_1021.N1	06-JUN-2009 03:52:38	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	37991	No
30	GOM_NL__2PRFIN20090606_035716_000000312079_00362_37991_1022.N1	06-JUN-2009 03:57:16	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	37991	No
31	GOM_NL__2PRFIN20090606_040432_000000322079_00362_37991_1023.N1	06-JUN-2009 04:04:32	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37991	No
32	GOM_NL__2PRFIN20090606_041523_000000312079_00362_37991_1024.N1	06-JUN-2009 04:15:23	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	37991	No
33	GOM_NL__2PRFIN20090606_042057_000000252079_00362_37991_1025.N1	06-JUN-2009 04:20:57	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37991	No
34	GOM_NL__2PRFIN20090606_042900_000000242079_00362_37991_1026.N1	06-JUN-2009 04:29:00	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	37991	No
35	GOM_NL__2PRFIN20090606_043152_000000292079_00362_37991_1027.N1	06-JUN-2009 04:31:52	Straylight	29.000	58	21Alp And	2.0730	11000.	58	37991	No
36	GOM_NL__2PRFIN20090606_043714_000000322079_00362_37991_1028.N1	06-JUN-2009 04:37:14	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37991	No
37	GOM_NL__2PRFIN20090606_045553_000000412079_00362_37991_1029.N1	06-JUN-2009 04:55:53	Dark	41.000	18	24Alp PsA	1.1660	9700.0	82	37991	No
38	GOM_NL__2PRFIN20090606_050036_000000342079_00363_37992_1049.N1	06-JUN-2009 05:00:36	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37992	No
39	GOM_NL__2PRFIN20090606_051521_000000322079_00363_37992_1050.N1	06-JUN-2009 05:15:21	Twilight	32.000	38	20Eps Sgr	1.8360	11000.	64	37992	No
40	GOM_NL__2PRFIN20090606_051659_000000332079_00363_37992_1051.N1	06-JUN-2009 05:16:59	Twilight	33.000	116	19Del Sgr	2.7000	4100.0	66	37992	No
41	GOM_NL__2PRFIN20090606_052254_000000292079_00363_37992_1052.N1	06-JUN-2009 05:22:54	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	37992	No
42	GOM_NL__2PRFIN20090606_053031_000000262079_00363_37992_1053.N1	06-JUN-2009 05:30:31	Twilight	26.000	126	60Bet Oph	2.7700	4250.0	52	37992	No

43	GOM_NL__2PRFIN20090606_053314_000000382079_00363_37992_1054.N1	06-JUN-2009 05:33:14	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	37992	No
44	GOM_NL__2PRFIN20090606_053751_000000312079_00363_37992_1055.N1	06-JUN-2009 05:37:51	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	37992	No
45	GOM_NL__2PRFIN20090606_054507_000000322079_00363_37992_1056.N1	06-JUN-2009 05:45:07	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37992	No
46	GOM_NL__2PRFIN20090606_055558_000000312079_00363_37992_1057.N1	06-JUN-2009 05:55:58	Twi_and_stray	30.500	89	5Alp Cep	2.4510	8000.0	61	37992	No
47	GOM_NL__2PRFIN20090606_060133_000000262079_00363_37992_1058.N1	06-JUN-2009 06:01:33	Twi_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37992	No
48	GOM_NL__2PRFIN20090606_060936_000000242079_00363_37992_1059.N1	06-JUN-2009 06:09:36	Twi_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	37992	No
49	GOM_NL__2PRFIN20090606_061228_000000302079_00363_37992_1060.N1	06-JUN-2009 06:12:28	Straylight	29.500	58	21Alp And	2.0730	11000.	59	37992	No
50	GOM_NL__2PRFIN20090606_061751_000000322079_00363_37992_1061.N1	06-JUN-2009 06:17:51	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37992	No
51	GOM_NL__2PRFIN20090606_063630_000000422079_00363_37992_1062.N1	06-JUN-2009 06:36:30	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37992	No
52	GOM_NL__2PRFIN20090606_064113_000000352079_00364_37993_1063.N1	06-JUN-2009 06:41:13	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37993	No
53	GOM_NL__2PRFIN20090606_065558_000000322079_00364_37993_1064.N1	06-JUN-2009 06:55:58	Twi_and_stray	32.000	38	20Eps Sgr	1.8360	11000.	64	37993	No
54	GOM_NL__2PRFIN20090606_065735_000000332079_00364_37993_1065.N1	06-JUN-2009 06:57:35	Twi_and_stray	33.000	116	19Del Sgr	2.7000	4100.0	66	37993	No
55	GOM_NL__2PRFIN20090606_070331_000000282079_00364_37993_1066.N1	06-JUN-2009 07:03:31	Twi_and_stray	28.000	86	35Eta Oph	2.4300	10200.	56	37993	No
56	GOM_NL__2PRFIN20090606_071106_000000262079_00364_37993_1067.N1	06-JUN-2009 07:11:06	Twi_and_stray	26.000	126	60Bet Oph	2.7700	4250.0	52	37993	No
57	GOM_NL__2PRFIN20090606_071349_000000382079_00364_37993_1068.N1	06-JUN-2009 07:13:49	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	37993	No
58	GOM_NL__2PRFIN20090606_071827_000000312079_00364_37993_1069.N1	06-JUN-2009 07:18:27	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	37993	No
59	GOM_NL__2PRFIN20090606_072543_000000322079_00364_37993_1070.N1	06-JUN-2009 07:25:43	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37993	No
60	GOM_NL__2PRFIN20090606_073634_000000312079_00364_37993_1071.N1	06-JUN-2009 07:36:34	Twi_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37993	No
61	GOM_NL__2PRFIN20090606_074209_000000252079_00364_37993_1072.N1	06-JUN-2009 07:42:09	Twi_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37993	No
62	GOM_NL__2PRFIN20090606_075013_000000242079_00364_37993_1073.N1	06-JUN-2009 07:50:13	Twi_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	37993	No
63	GOM_NL__2PRFIN20090606_075304_000000302079_00364_37993_1074.N1	06-JUN-2009 07:53:04	Straylight	29.500	58	21Alp And	2.0730	11000.	59	37993	No
64	GOM_NL__2PRFIN20090606_075828_000000322079_00364_37993_1075.N1	06-JUN-2009 07:58:28	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37993	No
65	GOM_NL__2PRFIN20090606_081708_000000422079_00364_37993_1076.N1	06-JUN-2009 08:17:08	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37993	No
66	GOM_NL__2PRFIN20090606_082150_000000342079_00365_37994_1077.N1	06-JUN-2009 08:21:50	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37994	No
67	GOM_NL__2PRFIN20090606_083634_000000332079_00365_37994_1078.N1	06-JUN-2009 08:36:34	Twi_and_stray	32.500	38	20Eps Sgr	1.8360	11000.	65	37994	No
68	GOM_NL__2PRFIN20090606_083811_000000342079_00365_37994_1079.N1	06-JUN-2009 08:38:11	Twi_and_stray	33.500	116	19Del Sgr	2.7000	4100.0	67	37994	No
69	GOM_NL__2PRFIN20090606_084407_000000282079_00365_37994_1080.N1	06-JUN-2009 08:44:07	Twi_and_stray	28.000	86	35Eta Oph	2.4300	10200.	56	37994	No
70	GOM_NL__2PRFIN20090606_085141_000000332079_00365_37994_1081.N1	06-JUN-2009 08:51:41	Twi_and_stray	33.000	126	60Bet Oph	2.7700	4250.0	66	37994	No
71	GOM_NL__2PRFIN20090606_085425_000000372079_00365_37994_1082.N1	06-JUN-2009 08:54:25	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	37994	No
72	GOM_NL__2PRFIN20090606_085903_000000312079_00365_37994_1083.N1	06-JUN-2009 08:59:03	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	37994	No
73	GOM_NL__2PRFIN20090606_090618_000000322079_00365_37994_1084.N1	06-JUN-2009 09:06:18	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37994	No
74	GOM_NL__2PRFIN20090606_091709_000000312079_00365_37994_1085.N1	06-JUN-2009 09:17:09	Twi_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37994	No
75	GOM_NL__2PRFIN20090606_092244_000000252079_00365_37994_1086.N1	06-JUN-2009 09:22:44	Twi_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37994	No
76	GOM_NL__2PRFIN20090606_093049_000000232079_00365_37994_1087.N1	06-JUN-2009 09:30:49	Twi_and_stray	23.000	53	43Bet And	2.0480	3300.0	46	37994	No
77	GOM_NL__2PRFIN20090606_093340_000000292079_00365_37994_1088.N1	06-JUN-2009 09:33:40	Straylight	29.000	58	21Alp And	2.0730	11000.	58	37994	No
78	GOM_NL__2PRFIN20090606_093904_000000322079_00365_37994_1089.N1	06-JUN-2009 09:39:04	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37994	No
79	GOM_NL__2PRFIN20090606_095745_000000422079_00365_37994_1090.N1	06-JUN-2009 09:57:45	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37994	No
80	GOM_NL__2PRFIN20090606_100227_000000352079_00366_37995_1092.N1	06-JUN-2009 10:02:27	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37995	No
81	GOM_NL__2PRFIN20090606_101710_000000322079_00366_37995_1093.N1	06-JUN-2009 10:17:10	Twi_and_stray	32.000	38	20Eps Sgr	1.8360	11000.	64	37995	No
82	GOM_NL__2PRFIN20090606_101848_000000332079_00366_37995_1094.N1	06-JUN-2009 10:18:48	Twi_and_stray	32.500	116	19Del Sgr	2.7000	4100.0	65	37995	No
83	GOM_NL__2PRFIN20090606_102443_000000282079_00366_37995_1095.N1	06-JUN-2009 10:24:43	Twi_and_stray	28.000	86	35Eta Oph	2.4300	10200.	56	37995	No
84	GOM_NL__2PRFIN20090606_103217_000000332079_00366_37995_1096.N1	06-JUN-2009 10:32:17	Twi_and_stray	33.000	126	60Bet Oph	2.7700	4250.0	66	37995	No
85	GOM_NL__2PRFIN20090606_103500_000000372079_00366_37995_1097.N1	06-JUN-2009 10:35:00	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	37995	No
86	GOM_NL__2PRFIN20090606_103938_000000312079_00366_37995_1098.N1	06-JUN-2009 10:39:38	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	37995	No
87	GOM_NL__2PRFIN20090606_104654_000000322079_00366_37995_1099.N1	06-JUN-2009 10:46:54	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37995	No
88	GOM_NL__2PRFIN20090606_105744_000000312079_00366_37995_1100.N1	06-JUN-2009 10:57:44	Twi_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37995	No
89	GOM_NL__2PRFIN20090606_110320_000000252079_00366_37995_1101.N1	06-JUN-2009 11:03:20	Twi_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37995	No
90	GOM_NL__2PRFIN20090606_111125_000000232079_00366_37995_1102.N1	06-JUN-2009 11:11:25	Twi_and_stray	23.000	53	43Bet And	2.0480	3300.0	46	37995	No
91	GOM_NL__2PRFIN20090606_111416_000000302079_00366_37995_1103.N1	06-JUN-2009 11:14:16	Straylight	29.500	58	21Alp And	2.0730	11000.	59	37995	No
92	GOM_NL__2PRFIN20090606_111941_000000322079_00366_37995_1104.N1	06-JUN-2009 11:19:41	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37995	No
93	GOM_NL__2PRFIN20090606_113822_000000422079_00366_37995_1105.N1	06-JUN-2009 11:38:22	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37995	No
94	GOM_NL__2PRFIN20090606_114304_000000342079_00367_37996_1106.N1	06-JUN-2009 11:43:04	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37996	No
95	GOM_NL__2PRFIN20090606_115747_000000322079_00367_37996_1107.N1	06-JUN-2009 11:57:47	Twi_and_stray	32.000	38	20Eps Sgr	1.8360	11000.	64	37996	No
96	GOM_NL__2PRFIN20090606_115924_000000332079_00367_37996_1108.N1	06-JUN-2009 11:59:24	Twi_and_stray	32.500	116	19Del Sgr	2.7000	4100.0	65	37996	No
97	GOM_NL__2PRFIN20090606_120519_000000292079_00367_37996_1109.N1	06-JUN-2009 12:05:19	Twi_and_stray	28.500	86	35Eta Oph	2.4300	10200.	57	37996	No
98	GOM_NL__2PRFIN20090606_121252_000000382079_00367_37996_1110.N1	06-JUN-2009 12:12:52	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	37996	No
99	GOM_NL__2PRFIN20090606_121535_000000372079_00367_37996_1111.N1	06-JUN-2009 12:15:35	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	37996	No
100	GOM_NL__2PRFIN20090606_122014_000000312079_00367_37996_1112.N1	06-JUN-2009 12:20:14	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	37996	No
101	GOM_NL__2PRFIN20090606_122729_000000312079_00367_37996_1113.N1	06-JUN-2009 12:27:29	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	37996	No

102	GOM_NL__2PRFIN20090606_123820_000000312079_00367_37996_1114.N1	06-JUN-2009 12:38:20	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	37996	No
103	GOM_NL__2PRFIN20090606_124356_000000252079_00367_37996_1115.N1	06-JUN-2009 12:43:56	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37996	No
104	GOM_NL__2PRFIN20090606_125201_000000242079_00367_37996_1116.N1	06-JUN-2009 12:52:01	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	37996	No
105	GOM_NL__2PRFIN20090606_125452_000000292079_00367_37996_1117.N1	06-JUN-2009 12:54:52	Straylight	29.000	58	21Alp And	2.0730	11000.	58	37996	No
106	GOM_NL__2PRFIN20090606_130017_000000322079_00367_37996_1118.N1	06-JUN-2009 13:00:17	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37996	No
107	GOM_NL__2PRFIN20090606_131900_000000422079_00367_37996_1119.N1	06-JUN-2009 13:19:00	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37996	No
108	GOM_NL__2PRFIN20090606_132341_000000342079_00368_37997_1120.N1	06-JUN-2009 13:23:41	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37997	No
109	GOM_NL__2PRFIN20090606_133824_000000322079_00368_37997_1121.N1	06-JUN-2009 13:38:24	Twilight	31.500	38	20Eps Sgr	1.8360	11000.	63	37997	No
110	GOM_NL__2PRFIN20090606_134001_000000332079_00368_37997_1122.N1	06-JUN-2009 13:40:01	Twilight	33.000	116	19Del Sgr	2.7000	4100.0	66	37997	No
111	GOM_NL__2PRFIN20090606_134554_000000292079_00368_37997_1123.N1	06-JUN-2009 13:45:54	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	37997	No
112	GOM_NL__2PRFIN20090606_135328_000000372079_00368_37997_1124.N1	06-JUN-2009 13:53:28	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	37997	No
113	GOM_NL__2PRFIN20090606_135611_000000372079_00368_37997_1125.N1	06-JUN-2009 13:56:11	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	37997	No
114	GOM_NL__2PRFIN20090606_140049_000000302079_00368_37997_1126.N1	06-JUN-2009 14:00:49	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	37997	No
115	GOM_NL__2PRFIN20090606_140804_000000322079_00368_37997_1127.N1	06-JUN-2009 14:08:04	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37997	No
116	GOM_NL__2PRFIN20090606_141855_000000312079_00368_37997_1128.N1	06-JUN-2009 14:18:55	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	37997	No
117	GOM_NL__2PRFIN20090606_142431_000000252079_00368_37997_1129.N1	06-JUN-2009 14:24:31	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37997	No
118	GOM_NL__2PRFIN20090606_143237_000000242079_00368_37997_1130.N1	06-JUN-2009 14:32:37	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	37997	No
119	GOM_NL__2PRFIN20090606_143528_000000302079_00368_37997_1131.N1	06-JUN-2009 14:35:28	Straylight	29.500	58	21Alp And	2.0730	11000.	59	37997	No
120	GOM_NL__2PRFIN20090606_144054_000000322079_00368_37997_1132.N1	06-JUN-2009 14:40:54	Dark	32.000	140	88Gam Peg	2.8340	26000.	64	37997	No
121	GOM_NL__2PRFIN20090606_145937_000000422079_00368_37997_1133.N1	06-JUN-2009 14:59:37	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37997	No
122	GOM_NL__2PRFIN20090606_150418_000000342079_00369_37998_1135.N1	06-JUN-2009 15:04:18	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37998	No
123	GOM_NL__2PRFIN20090606_151900_000000322079_00369_37998_1136.N1	06-JUN-2009 15:19:00	Twilight	31.500	38	20Eps Sgr	1.8360	11000.	63	37998	No
124	GOM_NL__2PRFIN20090606_152059_000000282079_00369_37998_1137.N1	06-JUN-2009 15:20:59	Twilight	28.000	57	34Sig Sgr	2.0660	26000.	56	37998	No
125	GOM_NL__2PRFIN20090606_152203_000000362079_00369_37998_1138.N1	06-JUN-2009 15:22:03	Twilight	35.500	137	22Lam Sgr	2.8240	4400.0	71	37998	No
126	GOM_NL__2PRFIN20090606_152630_000000292079_00369_37998_1139.N1	06-JUN-2009 15:26:30	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	37998	No
127	GOM_NL__2PRFIN20090606_153403_000000382079_00369_37998_1140.N1	06-JUN-2009 15:34:03	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	37998	No
128	GOM_NL__2PRFIN20090606_153646_000000372079_00369_37998_1141.N1	06-JUN-2009 15:36:46	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	37998	No
129	GOM_NL__2PRFIN20090606_154125_000000302079_00369_37998_1142.N1	06-JUN-2009 15:41:25	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	37998	No
130	GOM_NL__2PRFIN20090606_154840_000000312079_00369_37998_1143.N1	06-JUN-2009 15:48:40	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	37998	No
131	GOM_NL__2PRFIN20090606_155930_000000312079_00369_37998_1144.N1	06-JUN-2009 15:59:30	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	37998	No
132	GOM_NL__2PRFIN20090606_160507_000000252079_00369_37998_1145.N1	06-JUN-2009 16:05:07	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37998	No
133	GOM_NL__2PRFIN20090606_161313_000000242079_00369_37998_1146.N1	06-JUN-2009 16:13:13	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	37998	No
134	GOM_NL__2PRFIN20090606_161605_000000302079_00369_37998_1147.N1	06-JUN-2009 16:16:05	Straylight	29.500	58	21Alp And	2.0730	11000.	59	37998	No
135	GOM_NL__2PRFIN20090606_162130_000000322079_00369_37998_1148.N1	06-JUN-2009 16:21:30	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37998	No
136	GOM_NL__2PRFIN20090606_164014_000000422079_00369_37998_1149.N1	06-JUN-2009 16:40:14	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37998	No
137	GOM_NL__2PRFIN20090606_164455_000000352079_00370_37999_1150.N1	06-JUN-2009 16:44:55	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37999	No
138	GOM_NL__2PRFIN20090606_165936_000000322079_00370_37999_1151.N1	06-JUN-2009 16:59:36	Twilight	31.500	38	20Eps Sgr	1.8360	11000.	63	37999	No
139	GOM_NL__2PRFIN20090606_170135_000000282079_00370_37999_1152.N1	06-JUN-2009 17:01:35	Twilight	28.000	57	34Sig Sgr	2.0660	26000.	56	37999	No
140	GOM_NL__2PRFIN20090606_170239_000000362079_00370_37999_1153.N1	06-JUN-2009 17:02:39	Twilight	35.500	137	22Lam Sgr	2.8240	4400.0	71	37999	No
141	GOM_NL__2PRFIN20090606_170707_000000292079_00370_37999_1154.N1	06-JUN-2009 17:07:07	Twilight	28.500	86	35Eta Oph	2.4300	10200.	57	37999	No
142	GOM_NL__2PRFIN20090606_171439_000000382079_00370_37999_1155.N1	06-JUN-2009 17:14:39	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	37999	No
143	GOM_NL__2PRFIN20090606_171722_000000372079_00370_37999_1156.N1	06-JUN-2009 17:17:22	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	37999	No
144	GOM_NL__2PRFIN20090606_172201_000000302079_00370_37999_1157.N1	06-JUN-2009 17:22:01	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	37999	No
145	GOM_NL__2PRFIN20090606_172915_000000322079_00370_37999_1158.N1	06-JUN-2009 17:29:15	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37999	No
146	GOM_NL__2PRFIN20090606_174006_000000312079_00370_37999_1159.N1	06-JUN-2009 17:40:06	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	37999	No
147	GOM_NL__2PRFIN20090606_174543_000000252079_00370_37999_1160.N1	06-JUN-2009 17:45:43	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37999	No
148	GOM_NL__2PRFIN20090606_175349_000000242079_00370_37999_1161.N1	06-JUN-2009 17:53:49	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	37999	No
149	GOM_NL__2PRFIN20090606_175641_000000292079_00370_37999_1162.N1	06-JUN-2009 17:56:41	Straylight	29.000	58	21Alp And	2.0730	11000.	58	37999	No
150	GOM_NL__2PRFIN20090606_180207_000000322079_00370_37999_1163.N1	06-JUN-2009 18:02:07	Dark	32.000	140	88Gam Peg	2.8340	26000.	64	37999	No
151	GOM_NL__2PRFIN20090606_182052_000000422079_00370_37999_1164.N1	06-JUN-2009 18:20:52	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37999	No
152	GOM_NL__2PRFIN20090606_182532_000000342079_00371_38000_1186.N1	06-JUN-2009 18:25:32	Dark	33.500	31	Alp Gru	1.7340	15200.	67	38000	No
153	GOM_NL__2PRFIN20090606_184013_000000322079_00371_38000_1187.N1	06-JUN-2009 18:40:13	Twilight	32.000	38	20Eps Sgr	1.8360	11000.	64	38000	No
154	GOM_NL__2PRFIN20090606_184212_000000322079_00371_38000_1188.N1	06-JUN-2009 18:42:12	Twilight	32.000	57	34Sig Sgr	2.0660	26000.	64	38000	No
155	GOM_NL__2PRFIN20090606_184315_000000362079_00371_38000_1189.N1	06-JUN-2009 18:43:15	Twilight	35.500	137	22Lam Sgr	2.8240	4400.0	71	38000	No
156	GOM_NL__2PRFIN20090606_184742_000000292079_00371_38000_1190.N1	06-JUN-2009 18:47:42	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	38000	No
157	GOM_NL__2PRFIN20090606_185515_000000372079_00371_38000_1191.N1	06-JUN-2009 18:55:15	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38000	No
158	GOM_NL__2PRFIN20090606_185757_000000372079_00371_38000_1192.N1	06-JUN-2009 18:57:57	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38000	No
159	GOM_NL__2PRFIN20090606_190236_000000302079_00371_38000_1193.N1	06-JUN-2009 19:02:36	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38000	No
160	GOM_NL__2PRFIN20090606_190951_000000312079_00371_38000_1194.N1	06-JUN-2009 19:09:51	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38000	No

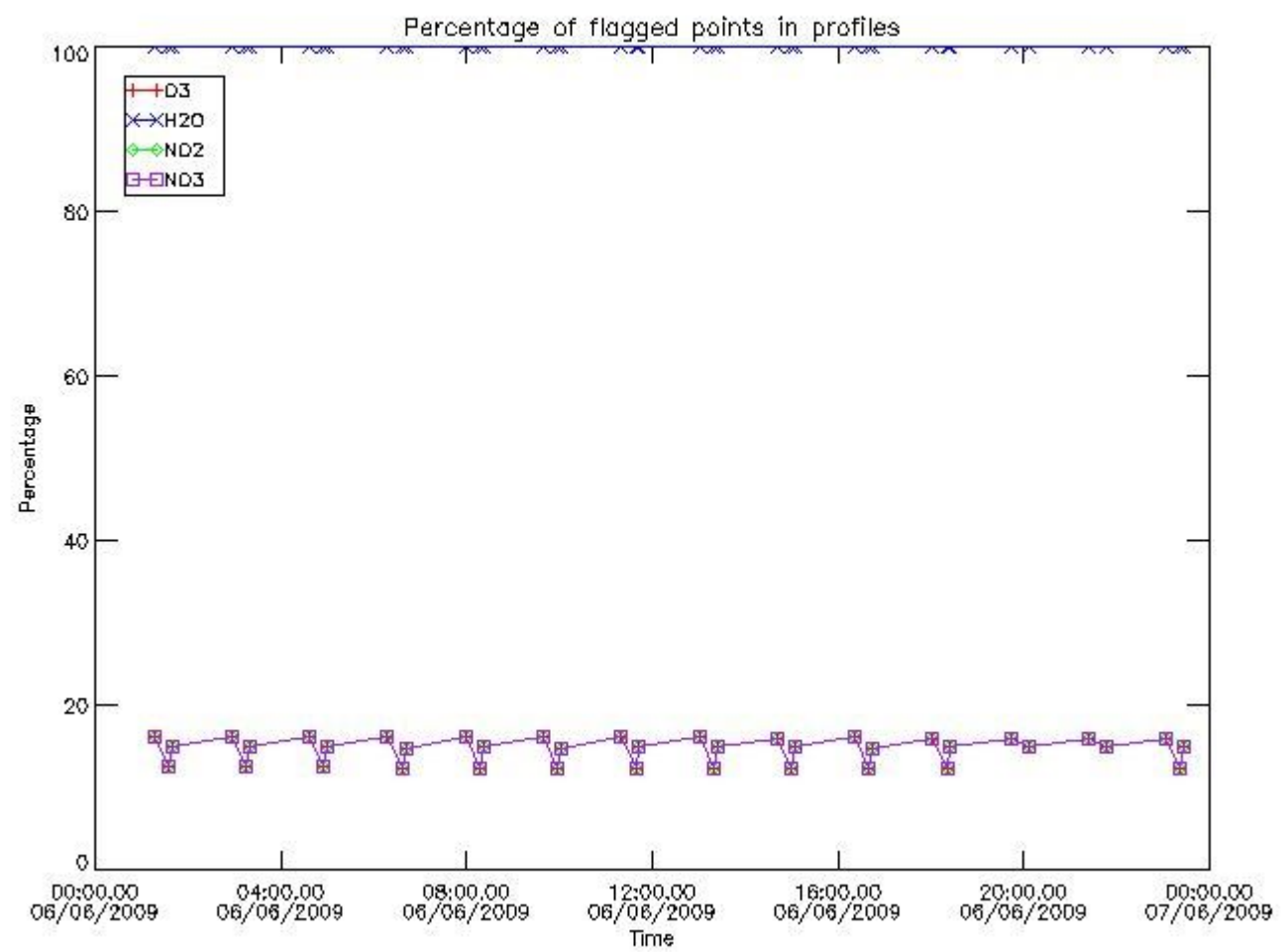


161	GOM_NL__2PRFIN20090606_192041_000000312079_00371_38000_1195.N1	06-JUN-2009 19:20:41	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38000	No
162	GOM_NL__2PRFIN20090606_192619_000000252079_00371_38000_1196.N1	06-JUN-2009 19:26:19	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	38000	No
163	GOM_NL__2PRFIN20090606_193425_000000242079_00371_38000_1197.N1	06-JUN-2009 19:34:25	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	38000	No
164	GOM_NL__2PRFIN20090606_193717_000000302079_00371_38000_1198.N1	06-JUN-2009 19:37:17	Straylight	29.500	58	21Alp And	2.0730	11000.	59	38000	No
165	GOM_NL__2PRFIN20090606_194244_000000322079_00371_38000_1199.N1	06-JUN-2009 19:42:44	Dark	32.000	140	88Gam Peg	2.8340	26000.	64	38000	No
166	GOM_NL__2PRFIN20090606_200609_000000342079_00372_38001_1205.N1	06-JUN-2009 20:06:09	Dark	33.500	31	Alp Gru	1.7340	15200.	67	38001	No
167	GOM_NL__2PRFIN20090606_202049_000000322079_00372_38001_1206.N1	06-JUN-2009 20:20:49	Twilight	31.500	38	20Eps Sgr	1.8360	11000.	63	38001	No
168	GOM_NL__2PRFIN20090606_202248_000000322079_00372_38001_1207.N1	06-JUN-2009 20:22:48	Twilight	32.000	57	34Sig Sgr	2.0660	26000.	64	38001	No
169	GOM_NL__2PRFIN20090606_202352_000000352079_00372_38001_1208.N1	06-JUN-2009 20:23:52	Twilight	35.000	137	22Lam Sgr	2.8240	4400.0	70	38001	No
170	GOM_NL__2PRFIN20090606_202819_000000292079_00372_38001_1209.N1	06-JUN-2009 20:28:19	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	38001	No
171	GOM_NL__2PRFIN20090606_203550_000000372079_00372_38001_1210.N1	06-JUN-2009 20:35:50	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38001	No
172	GOM_NL__2PRFIN20090606_203832_000000372079_00372_38001_1211.N1	06-JUN-2009 20:38:32	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38001	No
173	GOM_NL__2PRFIN20090606_204312_000000302079_00372_38001_1212.N1	06-JUN-2009 20:43:12	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38001	No
174	GOM_NL__2PRFIN20090606_205026_000000322079_00372_38001_1213.N1	06-JUN-2009 20:50:26	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	38001	No
175	GOM_NL__2PRFIN20090606_210116_000000312079_00372_38001_1214.N1	06-JUN-2009 21:01:16	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38001	No
176	GOM_NL__2PRFIN20090606_210654_000000252079_00372_38001_1215.N1	06-JUN-2009 21:06:54	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	38001	No
177	GOM_NL__2PRFIN20090606_211501_000000242079_00372_38001_1216.N1	06-JUN-2009 21:15:01	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	38001	No
178	GOM_NL__2PRFIN20090606_211753_000000302079_00372_38001_1217.N1	06-JUN-2009 21:17:53	Straylight	29.500	58	21Alp And	2.0730	11000.	59	38001	No
179	GOM_NL__2PRFIN20090606_212320_000000322079_00372_38001_1218.N1	06-JUN-2009 21:23:20	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	38001	No
180	GOM_NL__2PRFIN20090606_214645_000000342079_00373_38002_1220.N1	06-JUN-2009 21:46:45	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38002	No
181	GOM_NL__2PRFIN20090606_220125_000000332079_00373_38002_1221.N1	06-JUN-2009 22:01:25	Twilight	32.500	38	20Eps Sgr	1.8360	11000.	65	38002	No
182	GOM_NL__2PRFIN20090606_220324_000000362079_00373_38002_1222.N1	06-JUN-2009 22:03:24	Twilight	36.000	57	34Sig Sgr	2.0660	26000.	72	38002	No
183	GOM_NL__2PRFIN20090606_220428_000000362079_00373_38002_1223.N1	06-JUN-2009 22:04:28	Twilight	35.500	137	22Lam Sgr	2.8240	4400.0	71	38002	No
184	GOM_NL__2PRFIN20090606_220854_000000292079_00373_38002_1224.N1	06-JUN-2009 22:08:54	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	38002	No
185	GOM_NL__2PRFIN20090606_221625_000000372079_00373_38002_1225.N1	06-JUN-2009 22:16:25	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38002	No
186	GOM_NL__2PRFIN20090606_221908_000000372079_00373_38002_1226.N1	06-JUN-2009 22:19:08	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38002	No
187	GOM_NL__2PRFIN20090606_222348_000000302079_00373_38002_1227.N1	06-JUN-2009 22:23:48	Bright	29.500	133	40Zet Her	2.8070	6000.0	59	38002	No
188	GOM_NL__2PRFIN20090606_223102_000000312079_00373_38002_1228.N1	06-JUN-2009 22:31:02	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38002	No
189	GOM_NL__2PRFIN20090606_224152_000000312079_00373_38002_1229.N1	06-JUN-2009 22:41:52	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38002	No
190	GOM_NL__2PRFIN20090606_224730_000000262079_00373_38002_1230.N1	06-JUN-2009 22:47:30	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	38002	No
191	GOM_NL__2PRFIN20090606_225537_000000242079_00373_38002_1231.N1	06-JUN-2009 22:55:37	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	38002	No
192	GOM_NL__2PRFIN20090606_225829_000000302079_00373_38002_1232.N1	06-JUN-2009 22:58:29	Straylight	29.500	58	21Alp And	2.0730	11000.	59	38002	No
193	GOM_NL__2PRFIN20090606_230356_000000322079_00373_38002_1233.N1	06-JUN-2009 23:03:56	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	38002	No
194	GOM_NL__2PRFIN20090606_232244_000000422079_00373_38002_1234.N1	06-JUN-2009 23:22:44	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	38002	No
195	GOM_NL__2PRFIN20090606_232722_000000342079_00374_38003_1236.N1	06-JUN-2009 23:27:22	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38003	No
196	GOM_NL__2PRFIN20090606_234202_000000322079_00374_38003_1237.N1	06-JUN-2009 23:42:02	Twilight	32.000	38	20Eps Sgr	1.8360	11000.	64	38003	No
197	GOM_NL__2PRFIN20090606_234401_000000362079_00374_38003_1238.N1	06-JUN-2009 23:44:01	Twilight	36.000	57	34Sig Sgr	2.0660	26000.	72	38003	No
198	GOM_NL__2PRFIN20090606_234504_000000352079_00374_38003_1239.N1	06-JUN-2009 23:45:04	Twilight	35.000	137	22Lam Sgr	2.8240	4400.0	70	38003	No
199	GOM_NL__2PRFIN20090606_234931_000000292079_00374_38003_1240.N1	06-JUN-2009 23:49:31	Twilight	28.500	86	35Eta Oph	2.4300	10200.	57	38003	No
200	GOM_NL__2PRFIN20090606_235701_000000372079_00374_38003_1241.N1	06-JUN-2009 23:57:01	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38003	No
201	GOM_NL__2PRFIN20090606_235943_000000372079_00374_38003_1242.N1	06-JUN-2009 23:59:43	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38003	No

### 3. Quality information per product

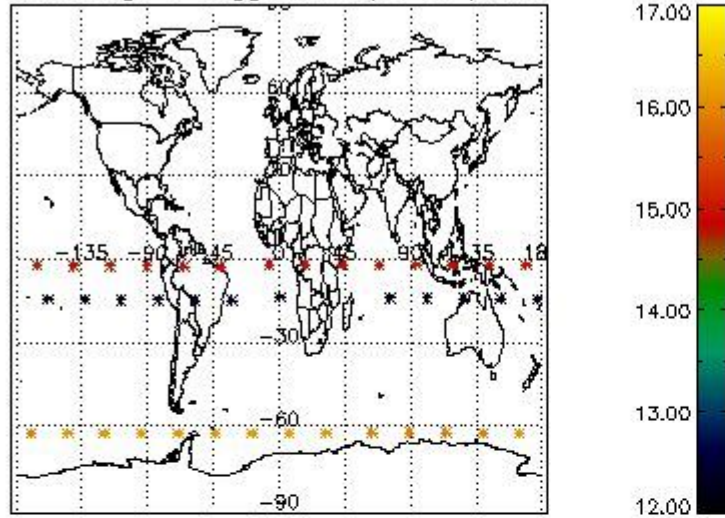
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

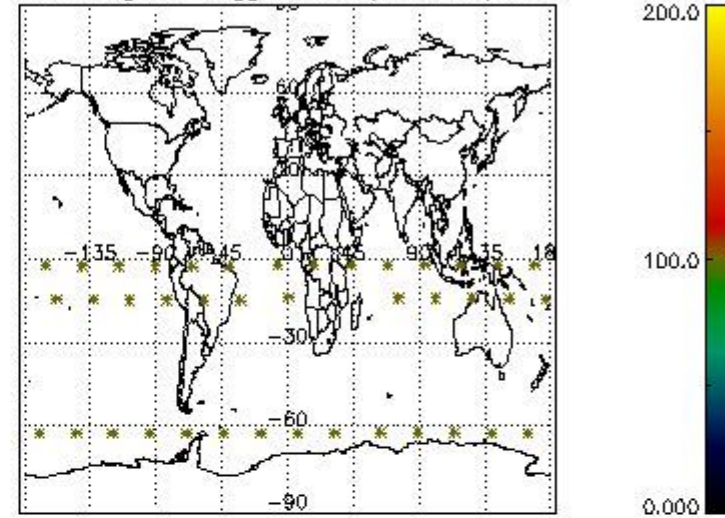


*3.2 Plot quality information per product (world map)*

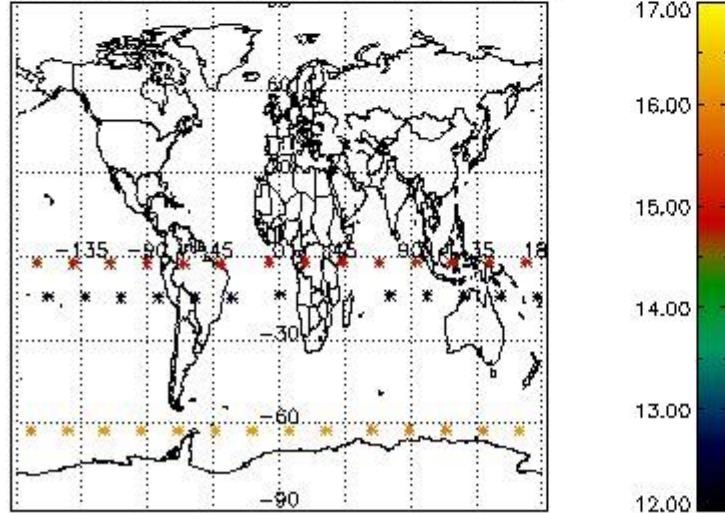
Percentage of flagged data per O3 profile



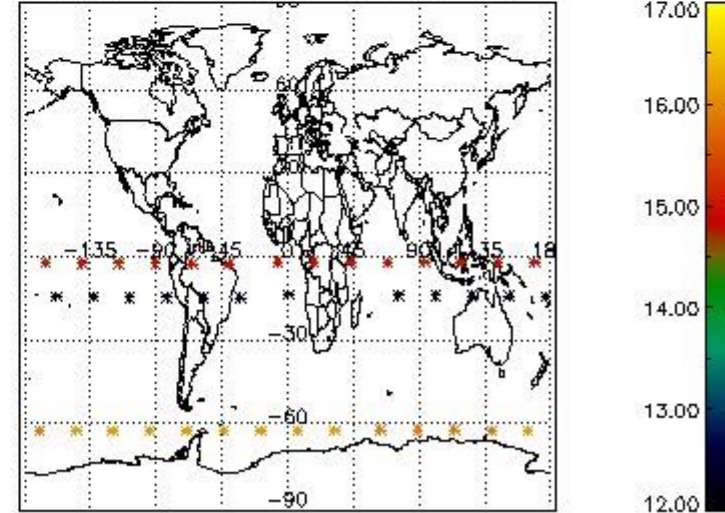
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

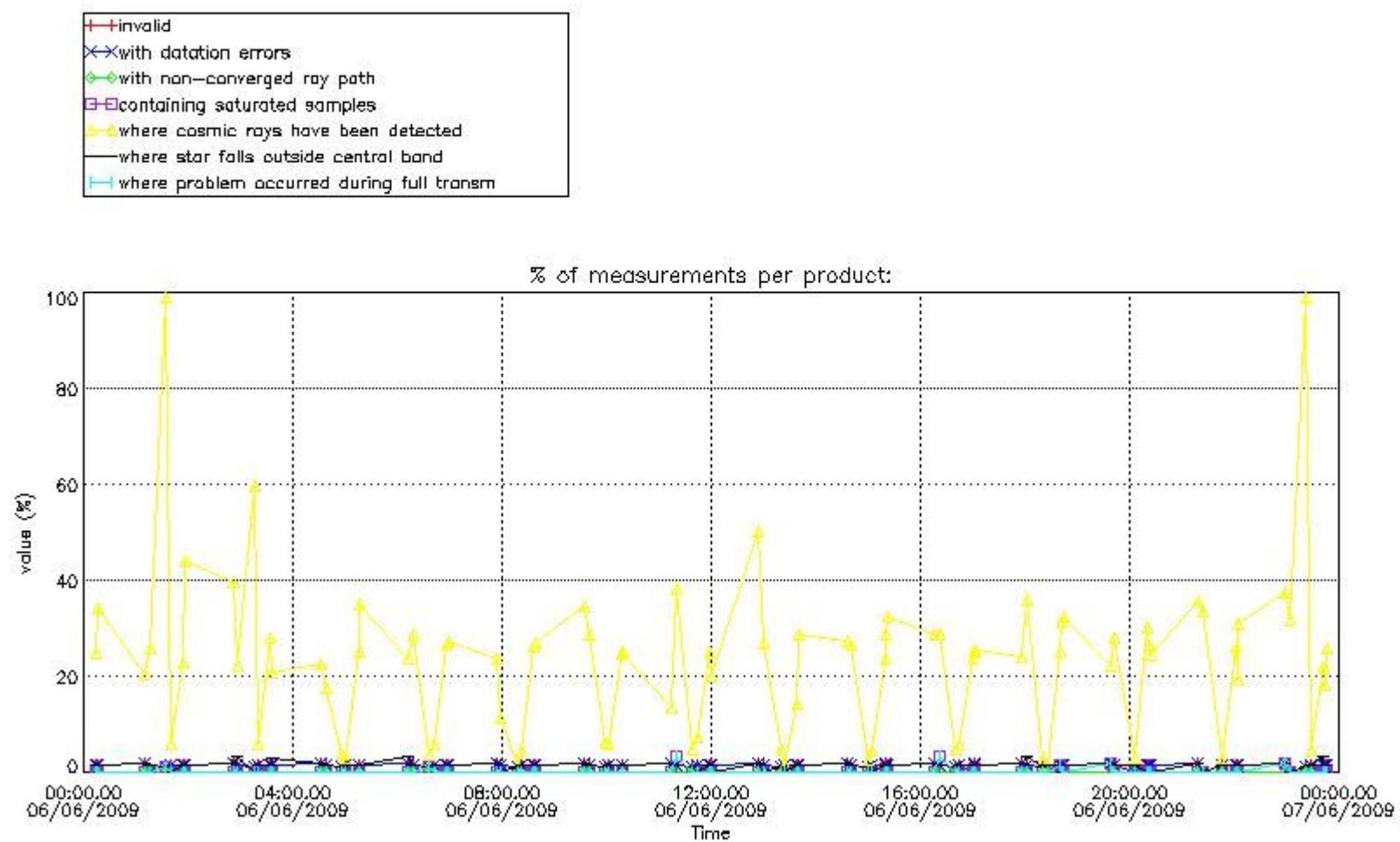


#### 4. Level 1 quality information per product

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.

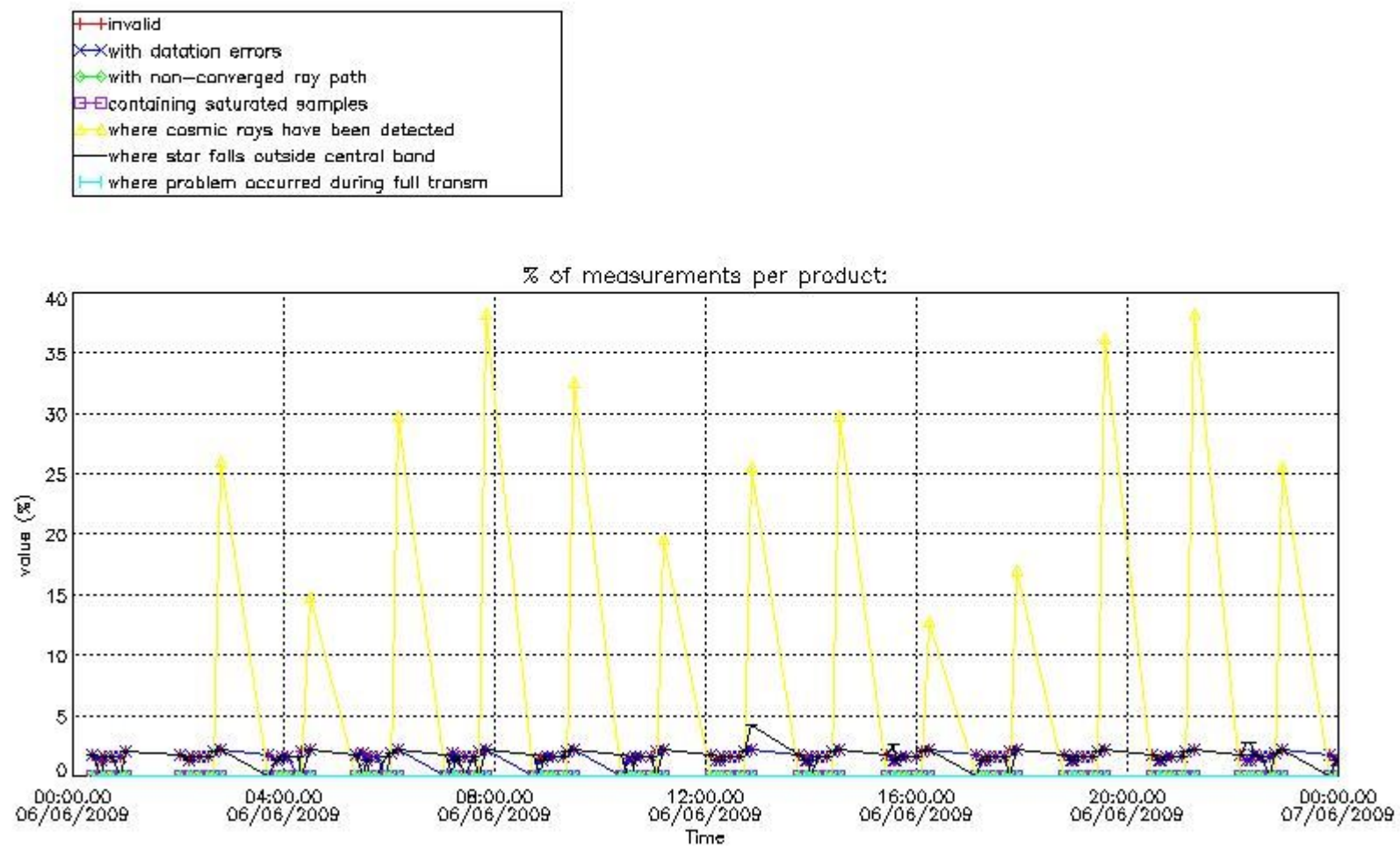
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

##### 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

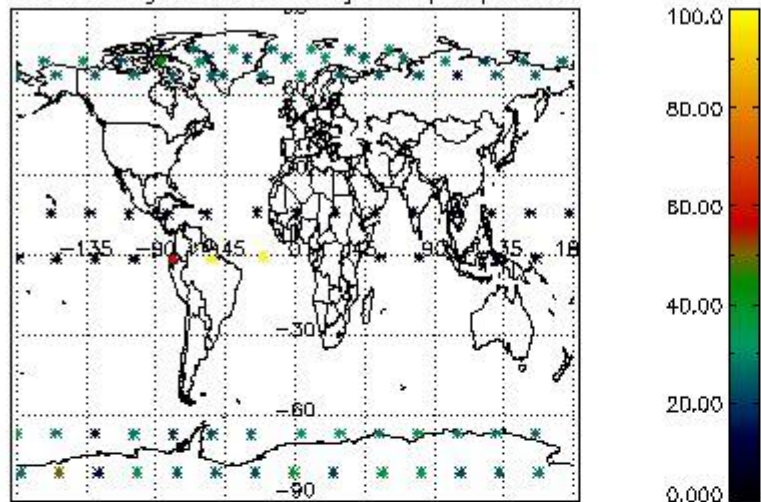




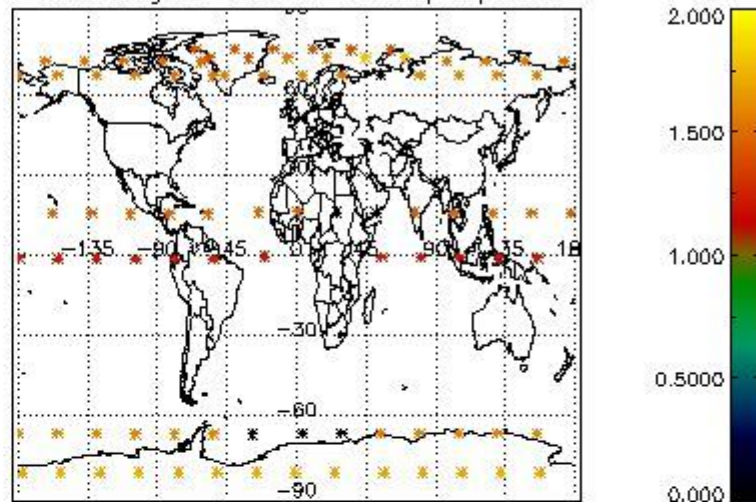
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

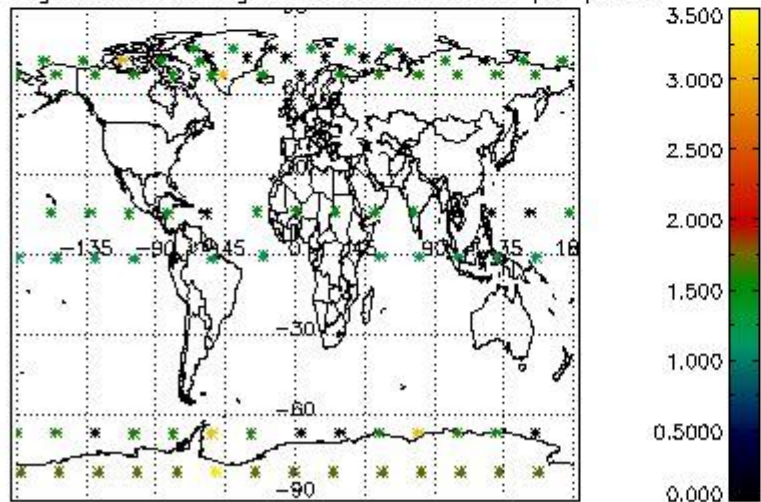
Percentage of cosmic ray hits per profile



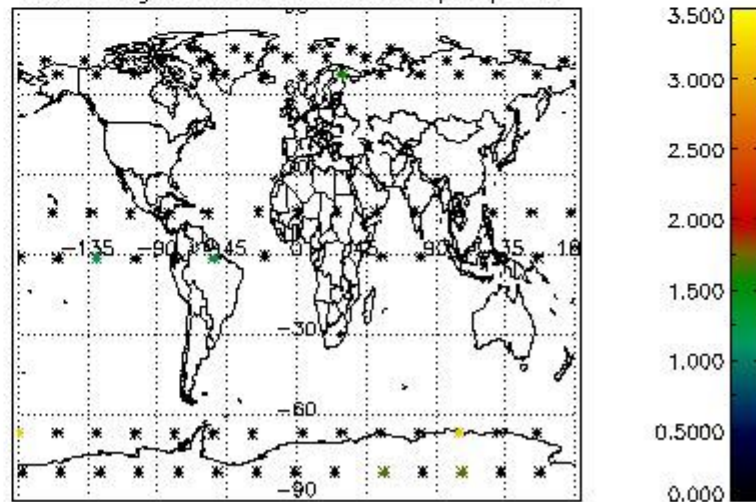
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

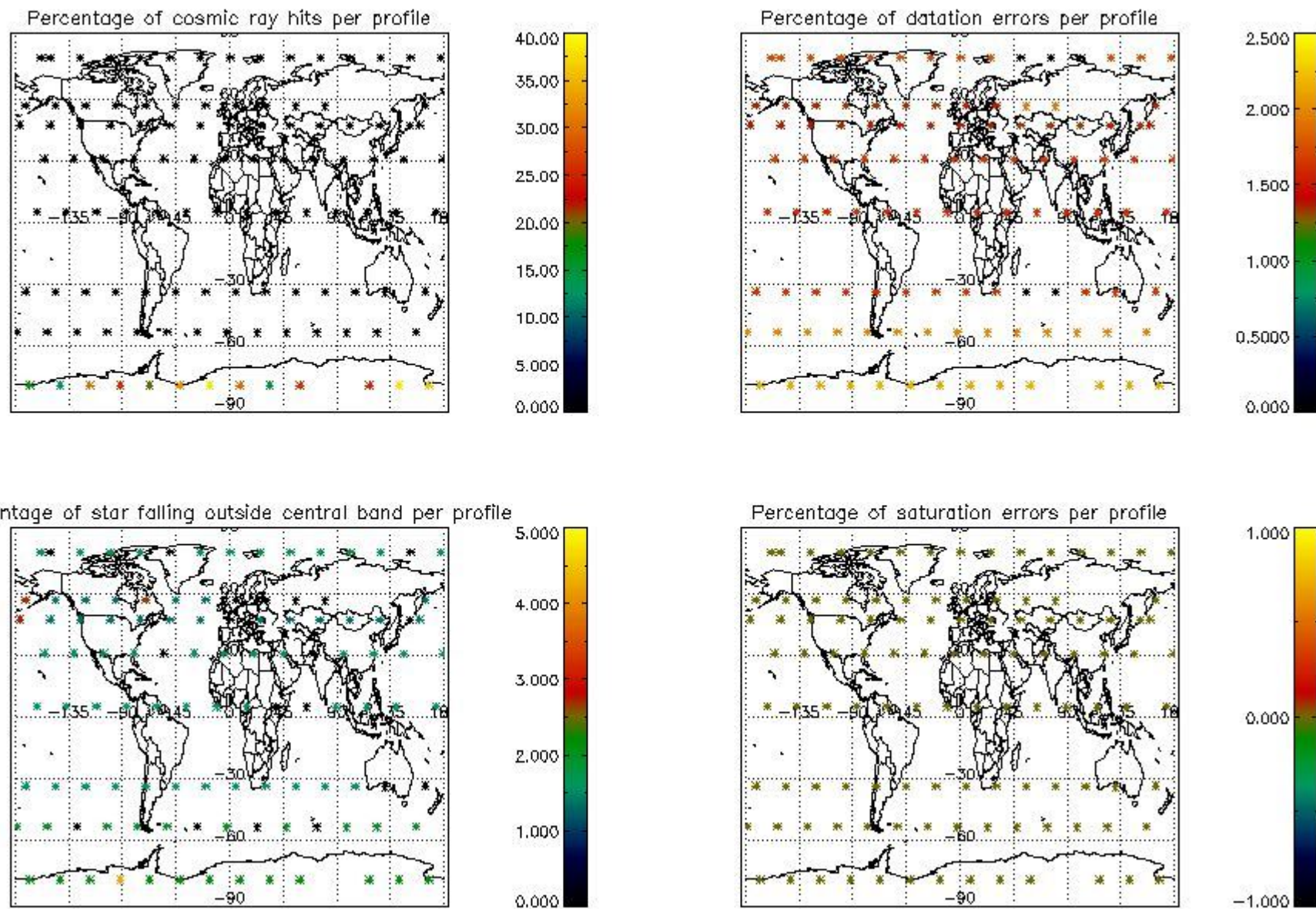


Percentage of saturation errors per profile



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

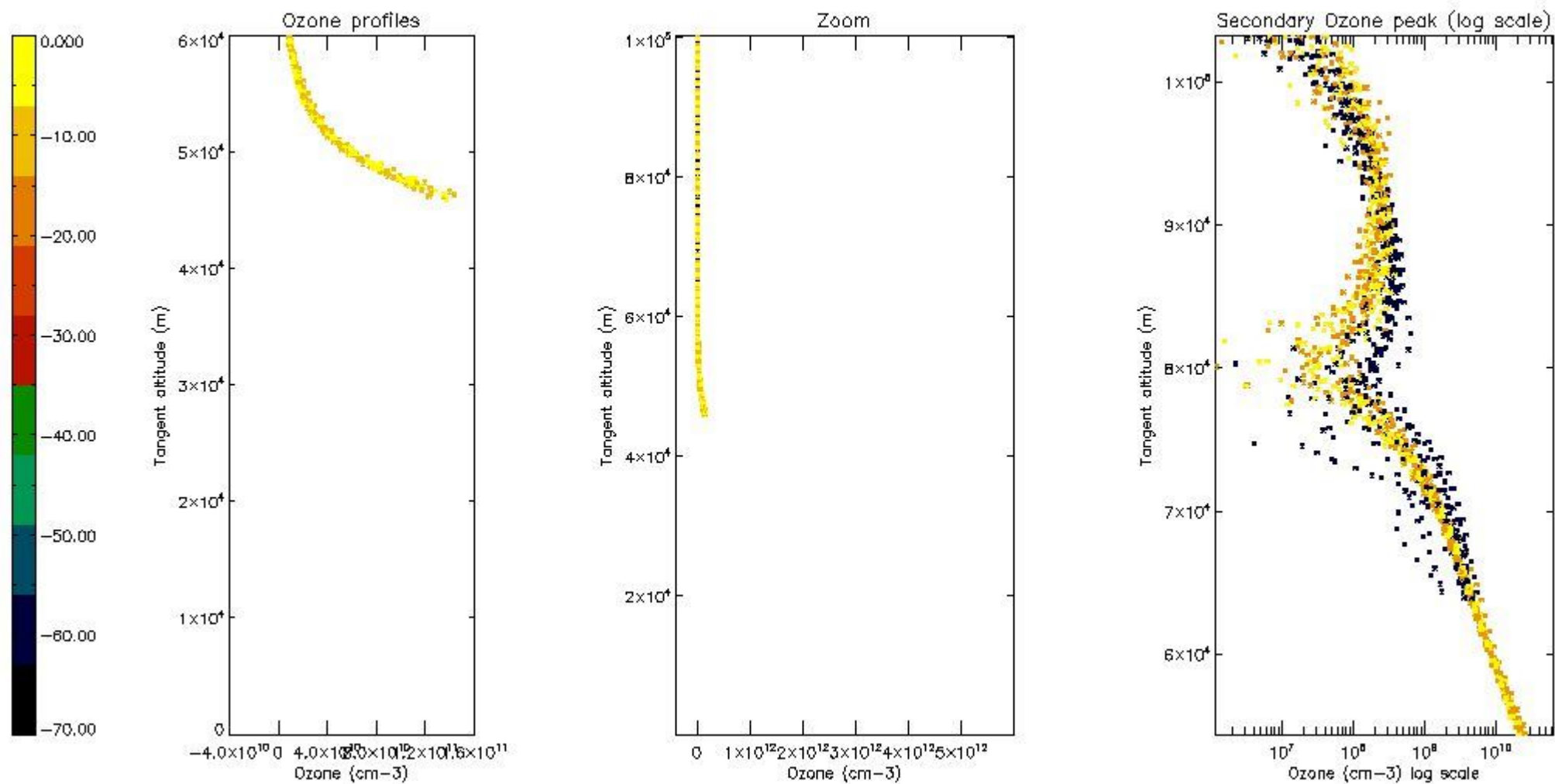
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	10

STD < 10	7
STD < 5	6

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

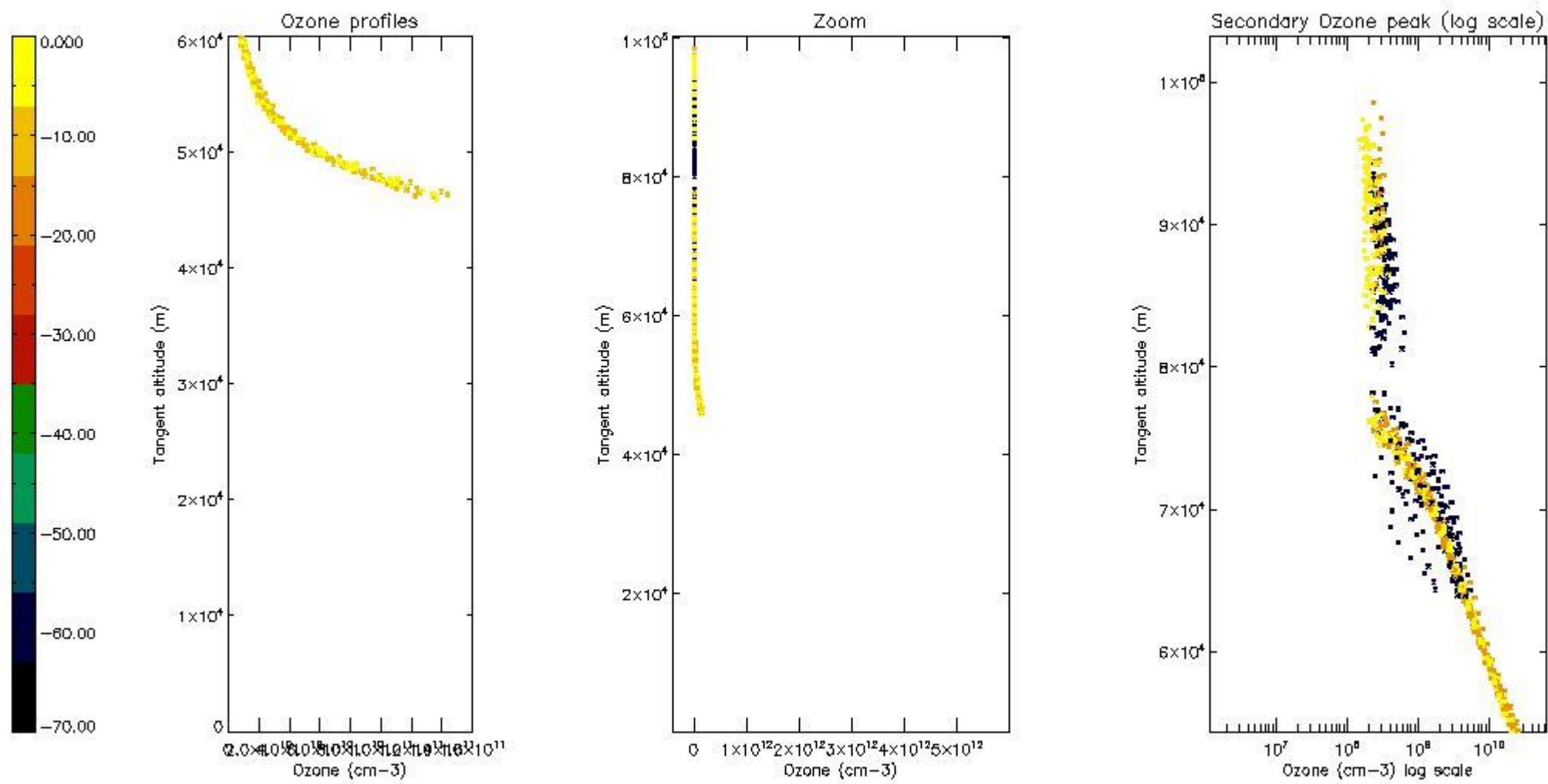
The colorbar represents the latitude.



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

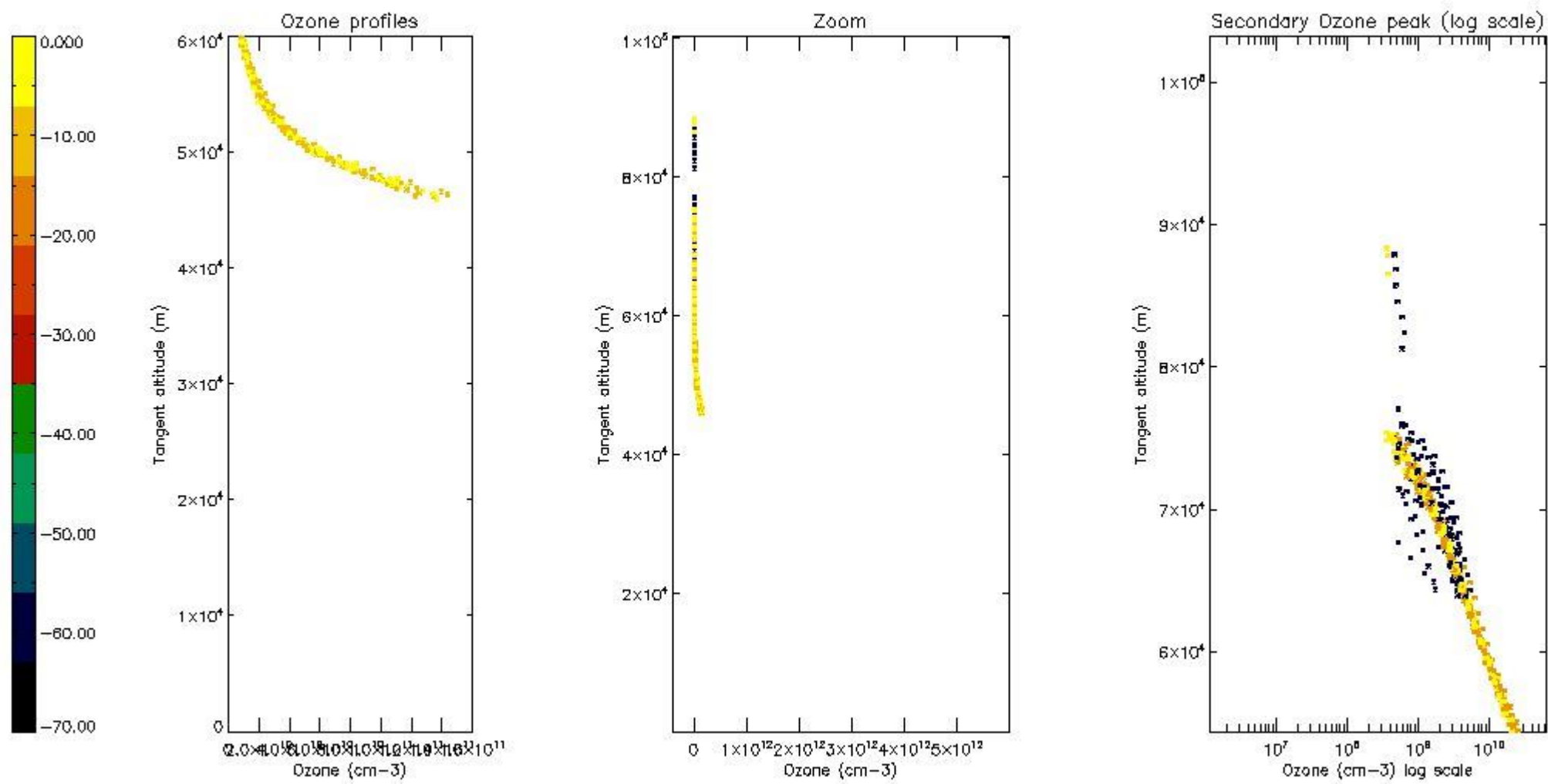
The colorbar represents the latitude.





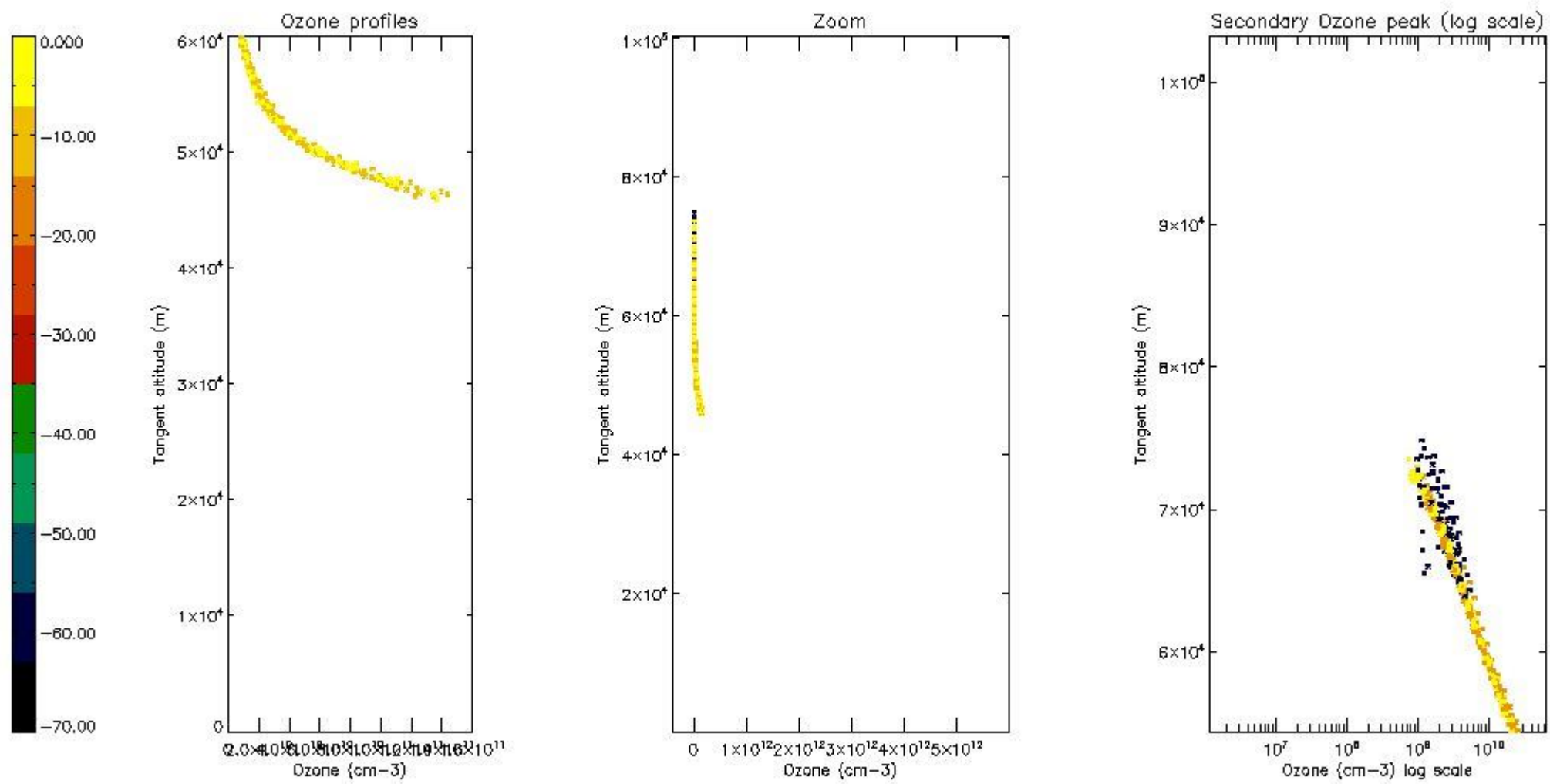
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



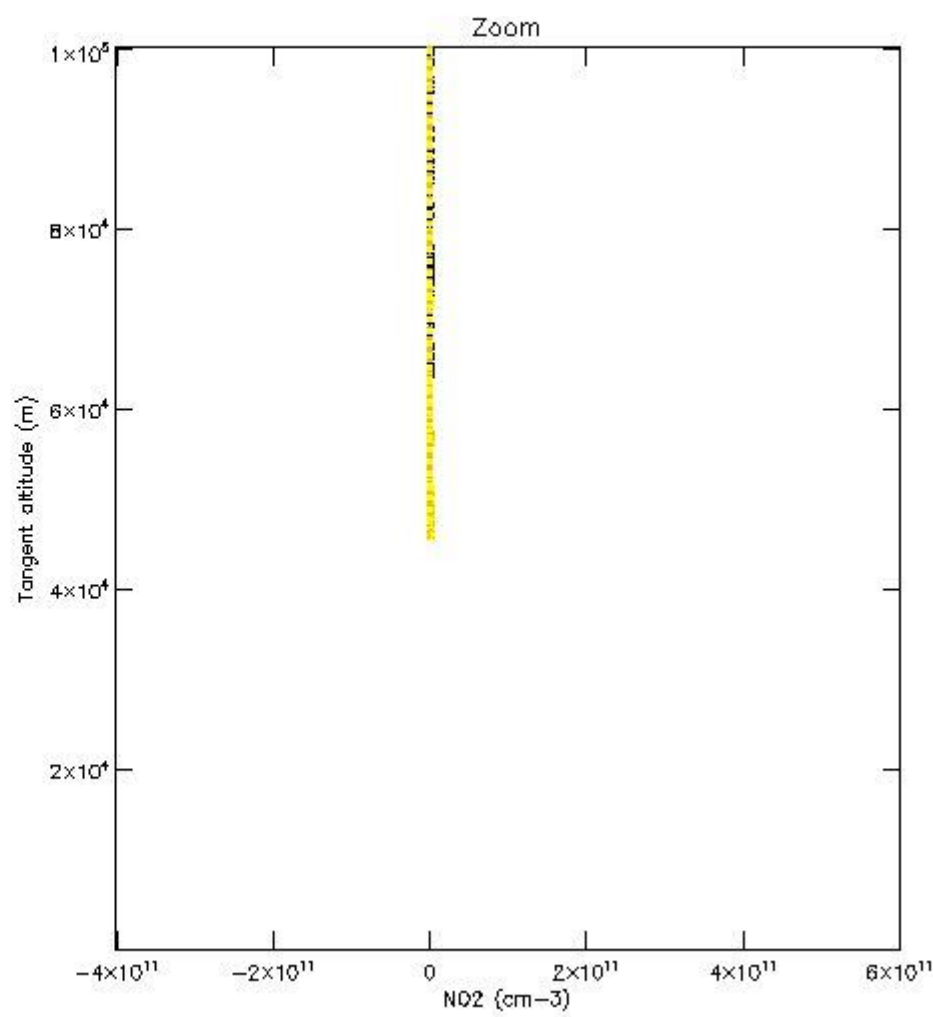
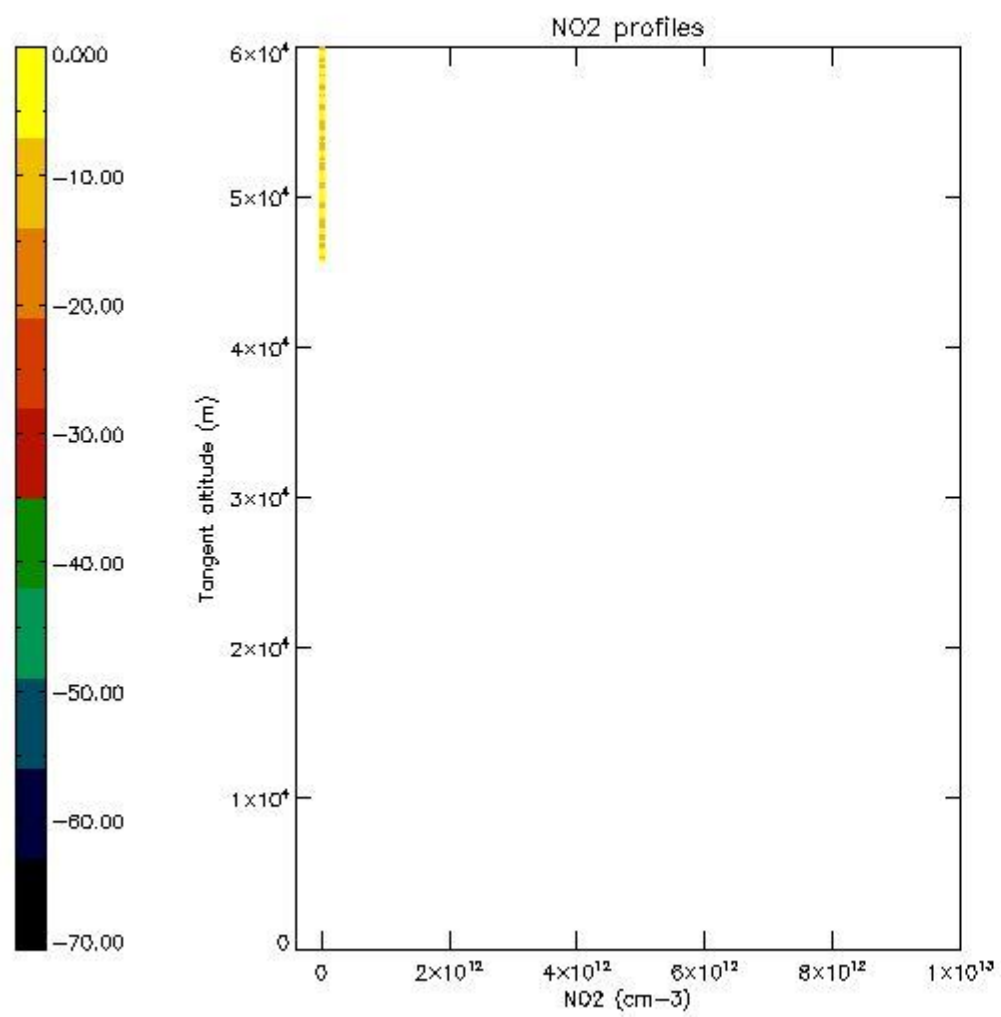
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



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

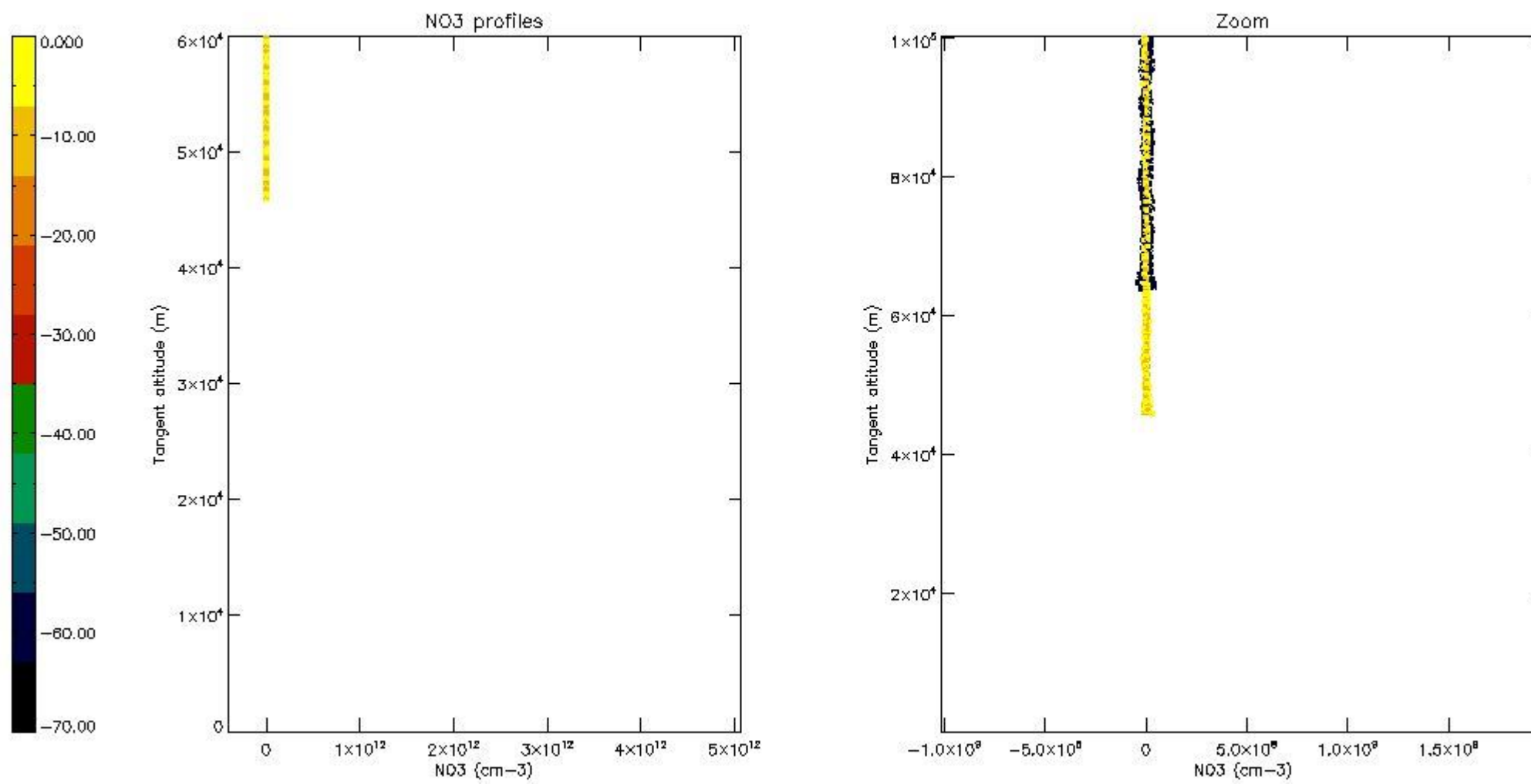
The colorbar represents the latitude.



*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	06-JUN-2009 00:13:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-JUN-2009 00:13:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-JUN-2009 00:13:32

# 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	26APR2013 09:59:47
Data source version	GOMOS/6.01
Start time of products	06-06-2009 (06JUN2009 00:00:00)
Stop time of products	07-06-2009 (07JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	201
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090606_001332_000000332079_00360_37989_0977.N1	06-JUN-2009 00:13:32	Twilight	32.500	38	20Eps Sgr	1.8360	11000.	65	37989	No
2	GOM_NL__2PRFIN20090606_001509_000000342079_00360_37989_0978.N1	06-JUN-2009 00:15:09	Twilight	33.500	116	19Del Sgr	2.7000	4100.0	67	37989	No
3	GOM_NL__2PRFIN20090606_002106_000000292079_00360_37989_0979.N1	06-JUN-2009 00:21:06	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	37989	No
4	GOM_NL__2PRFIN20090606_003128_000000372079_00360_37989_0980.N1	06-JUN-2009 00:31:28	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	37989	No
5	GOM_NL__2PRFIN20090606_003605_000000312079_00360_37989_0981.N1	06-JUN-2009 00:36:05	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	37989	No
6	GOM_NL__2PRFIN20090606_004322_000000312079_00360_37989_0982.N1	06-JUN-2009 00:43:22	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	37989	No
7	GOM_NL__2PRFIN20090606_005413_000000312079_00360_37989_0983.N1	06-JUN-2009 00:54:13	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	37989	No
8	GOM_NL__2PRFIN20090606_005946_000000252079_00360_37989_0984.N1	06-JUN-2009 00:59:46	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37989	No
9	GOM_NL__2PRFIN20090606_011039_000000302079_00360_37989_0985.N1	06-JUN-2009 01:10:39	Twilight	29.500	58	21Alp And	2.0730	11000.	59	37989	No
10	GOM_NL__2PRFIN20090606_011601_000000312079_00360_37989_0986.N1	06-JUN-2009 01:16:01	Dark	31.000	140	88Gam Peg	2.8340	26000.	62	37989	No
11	GOM_NL__2PRFIN20090606_013439_000000412079_00360_37989_0987.N1	06-JUN-2009 01:34:39	Dark	40.500	18	24Alp PsA	1.1660	9700.0	81	37989	No
12	GOM_NL__2PRFIN20090606_013922_000000342079_00361_37990_1008.N1	06-JUN-2009 01:39:22	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37990	No
13	GOM_NL__2PRFIN20090606_015408_000000332079_00361_37990_1009.N1	06-JUN-2009 01:54:08	Twilight	32.500	38	20Eps Sgr	1.8360	11000.	65	37990	No
14	GOM_NL__2PRFIN20090606_015546_000000332079_00361_37990_1010.N1	06-JUN-2009 01:55:46	Twilight	33.000	116	19Del Sgr	2.7000	4100.0	66	37990	No
15	GOM_NL__2PRFIN20090606_020142_000000292079_00361_37990_1011.N1	06-JUN-2009 02:01:42	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	37990	No
16	GOM_NL__2PRFIN20090606_021204_000000372079_00361_37990_1012.N1	06-JUN-2009 02:12:04	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	37990	No
17	GOM_NL__2PRFIN20090606_021641_000000302079_00361_37990_1013.N1	06-JUN-2009 02:16:41	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	37990	No
18	GOM_NL__2PRFIN20090606_022357_000000322079_00361_37990_1014.N1	06-JUN-2009 02:23:57	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37990	No
19	GOM_NL__2PRFIN20090606_023448_000000312079_00361_37990_1015.N1	06-JUN-2009 02:34:48	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	37990	No
20	GOM_NL__2PRFIN20090606_024021_000000252079_00361_37990_1016.N1	06-JUN-2009 02:40:21	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37990	No
21	GOM_NL__2PRFIN20090606_024825_000000232079_00361_37990_1017.N1	06-JUN-2009 02:48:25	Twilight	23.000	53	43Bet And	2.0480	3300.0	46	37990	No
22	GOM_NL__2PRFIN20090606_025115_000000292079_00361_37990_1018.N1	06-JUN-2009 02:51:15	Straylight	29.000	58	21Alp And	2.0730	11000.	58	37990	No
23	GOM_NL__2PRFIN20090606_025638_000000322079_00361_37990_1019.N1	06-JUN-2009 02:56:38	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37990	No
24	GOM_NL__2PRFIN20090606_031515_000000412079_00361_37990_1020.N1	06-JUN-2009 03:15:15	Dark	41.000	18	24Alp PsA	1.1660	9700.0	82	37990	No
25	GOM_NL__2PRFIN20090606_031959_000000342079_00362_37991_1017.N1	06-JUN-2009 03:19:59	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37991	No
26	GOM_NL__2PRFIN20090606_033445_000000322079_00362_37991_1018.N1	06-JUN-2009 03:34:45	Twilight	32.000	38	20Eps Sgr	1.8360	11000.	64	37991	No
27	GOM_NL__2PRFIN20090606_033622_000000342079_00362_37991_1019.N1	06-JUN-2009 03:36:22	Twilight	33.500	116	19Del Sgr	2.7000	4100.0	67	37991	No
28	GOM_NL__2PRFIN20090606_034218_000000292079_00362_37991_1020.N1	06-JUN-2009 03:42:18	Twilight	28.500	86	35Eta Oph	2.4300	10200.	57	37991	No
29	GOM_NL__2PRFIN20090606_035238_000000382079_00362_37991_1021.N1	06-JUN-2009 03:52:38	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	37991	No
30	GOM_NL__2PRFIN20090606_035716_000000312079_00362_37991_1022.N1	06-JUN-2009 03:57:16	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	37991	No
31	GOM_NL__2PRFIN20090606_040432_000000322079_00362_37991_1023.N1	06-JUN-2009 04:04:32	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37991	No
32	GOM_NL__2PRFIN20090606_041523_000000312079_00362_37991_1024.N1	06-JUN-2009 04:15:23	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	37991	No
33	GOM_NL__2PRFIN20090606_042057_000000252079_00362_37991_1025.N1	06-JUN-2009 04:20:57	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37991	No
34	GOM_NL__2PRFIN20090606_042900_000000242079_00362_37991_1026.N1	06-JUN-2009 04:29:00	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	37991	No
35	GOM_NL__2PRFIN20090606_043152_000000292079_00362_37991_1027.N1	06-JUN-2009 04:31:52	Straylight	29.000	58	21Alp And	2.0730	11000.	58	37991	No
36	GOM_NL__2PRFIN20090606_043714_000000322079_00362_37991_1028.N1	06-JUN-2009 04:37:14	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37991	No
37	GOM_NL__2PRFIN20090606_045553_000000412079_00362_37991_1029.N1	06-JUN-2009 04:55:53	Dark	41.000	18	24Alp PsA	1.1660	9700.0	82	37991	No
38	GOM_NL__2PRFIN20090606_050036_000000342079_00363_37992_1049.N1	06-JUN-2009 05:00:36	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37992	No
39	GOM_NL__2PRFIN20090606_051521_000000322079_00363_37992_1050.N1	06-JUN-2009 05:15:21	Twilight	32.000	38	20Eps Sgr	1.8360	11000.	64	37992	No
40	GOM_NL__2PRFIN20090606_051659_000000332079_00363_37992_1051.N1	06-JUN-2009 05:16:59	Twilight	33.000	116	19Del Sgr	2.7000	4100.0	66	37992	No
41	GOM_NL__2PRFIN20090606_052254_000000292079_00363_37992_1052.N1	06-JUN-2009 05:22:54	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	37992	No
42	GOM_NL__2PRFIN20090606_053031_000000262079_00363_37992_1053.N1	06-JUN-2009 05:30:31	Twilight	26.000	126	60Bet Oph	2.7700	4250.0	52	37992	No

43	GOM_NL__2PRFIN20090606_053314_000000382079_00363_37992_1054.N1	06-JUN-2009 05:33:14	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	37992	No
44	GOM_NL__2PRFIN20090606_053751_000000312079_00363_37992_1055.N1	06-JUN-2009 05:37:51	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	37992	No
45	GOM_NL__2PRFIN20090606_054507_000000322079_00363_37992_1056.N1	06-JUN-2009 05:45:07	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37992	No
46	GOM_NL__2PRFIN20090606_055558_000000312079_00363_37992_1057.N1	06-JUN-2009 05:55:58	Tw_i_and_stray	30.500	89	5Alp Cep	2.4510	8000.0	61	37992	No
47	GOM_NL__2PRFIN20090606_060133_000000262079_00363_37992_1058.N1	06-JUN-2009 06:01:33	Tw_i_and_stray	25.500	74	11Bet Cas	2.2680	6600.0	51	37992	No
48	GOM_NL__2PRFIN20090606_060936_000000242079_00363_37992_1059.N1	06-JUN-2009 06:09:36	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	37992	No
49	GOM_NL__2PRFIN20090606_061228_000000302079_00363_37992_1060.N1	06-JUN-2009 06:12:28	Straylight	29.500	58	21Alp And	2.0730	11000.	59	37992	No
50	GOM_NL__2PRFIN20090606_061751_000000322079_00363_37992_1061.N1	06-JUN-2009 06:17:51	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37992	No
51	GOM_NL__2PRFIN20090606_063630_000000422079_00363_37992_1062.N1	06-JUN-2009 06:36:30	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37992	No
52	GOM_NL__2PRFIN20090606_064113_000000352079_00364_37993_1063.N1	06-JUN-2009 06:41:13	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37993	No
53	GOM_NL__2PRFIN20090606_065558_000000322079_00364_37993_1064.N1	06-JUN-2009 06:55:58	Tw_i_and_stray	32.000	38	20Eps Sgr	1.8360	11000.	64	37993	No
54	GOM_NL__2PRFIN20090606_065735_000000332079_00364_37993_1065.N1	06-JUN-2009 06:57:35	Tw_i_and_stray	33.000	116	19Del Sgr	2.7000	4100.0	66	37993	No
55	GOM_NL__2PRFIN20090606_070331_000000282079_00364_37993_1066.N1	06-JUN-2009 07:03:31	Tw_i_and_stray	28.000	86	35Eta Oph	2.4300	10200.	56	37993	No
56	GOM_NL__2PRFIN20090606_071106_000000262079_00364_37993_1067.N1	06-JUN-2009 07:11:06	Tw_i_and_stray	26.000	126	60Bet Oph	2.7700	4250.0	52	37993	No
57	GOM_NL__2PRFIN20090606_071349_000000382079_00364_37993_1068.N1	06-JUN-2009 07:13:49	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	37993	No
58	GOM_NL__2PRFIN20090606_071827_000000312079_00364_37993_1069.N1	06-JUN-2009 07:18:27	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	37993	No
59	GOM_NL__2PRFIN20090606_072543_000000322079_00364_37993_1070.N1	06-JUN-2009 07:25:43	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37993	No
60	GOM_NL__2PRFIN20090606_073634_000000312079_00364_37993_1071.N1	06-JUN-2009 07:36:34	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37993	No
61	GOM_NL__2PRFIN20090606_074209_000000252079_00364_37993_1072.N1	06-JUN-2009 07:42:09	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37993	No
62	GOM_NL__2PRFIN20090606_075013_000000242079_00364_37993_1073.N1	06-JUN-2009 07:50:13	Tw_i_and_stray	23.500	53	43Bet And	2.0480	3300.0	47	37993	No
63	GOM_NL__2PRFIN20090606_075304_000000302079_00364_37993_1074.N1	06-JUN-2009 07:53:04	Straylight	29.500	58	21Alp And	2.0730	11000.	59	37993	No
64	GOM_NL__2PRFIN20090606_075828_000000322079_00364_37993_1075.N1	06-JUN-2009 07:58:28	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37993	No
65	GOM_NL__2PRFIN20090606_081708_000000422079_00364_37993_1076.N1	06-JUN-2009 08:17:08	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37993	No
66	GOM_NL__2PRFIN20090606_082150_000000342079_00365_37994_1077.N1	06-JUN-2009 08:21:50	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37994	No
67	GOM_NL__2PRFIN20090606_083634_000000332079_00365_37994_1078.N1	06-JUN-2009 08:36:34	Tw_i_and_stray	32.500	38	20Eps Sgr	1.8360	11000.	65	37994	No
68	GOM_NL__2PRFIN20090606_083811_000000342079_00365_37994_1079.N1	06-JUN-2009 08:38:11	Tw_i_and_stray	33.500	116	19Del Sgr	2.7000	4100.0	67	37994	No
69	GOM_NL__2PRFIN20090606_084407_000000282079_00365_37994_1080.N1	06-JUN-2009 08:44:07	Tw_i_and_stray	28.000	86	35Eta Oph	2.4300	10200.	56	37994	No
70	GOM_NL__2PRFIN20090606_085141_000000332079_00365_37994_1081.N1	06-JUN-2009 08:51:41	Tw_i_and_stray	33.000	126	60Bet Oph	2.7700	4250.0	66	37994	No
71	GOM_NL__2PRFIN20090606_085425_000000372079_00365_37994_1082.N1	06-JUN-2009 08:54:25	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	37994	No
72	GOM_NL__2PRFIN20090606_085903_000000312079_00365_37994_1083.N1	06-JUN-2009 08:59:03	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	37994	No
73	GOM_NL__2PRFIN20090606_090618_000000322079_00365_37994_1084.N1	06-JUN-2009 09:06:18	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37994	No
74	GOM_NL__2PRFIN20090606_091709_000000312079_00365_37994_1085.N1	06-JUN-2009 09:17:09	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37994	No
75	GOM_NL__2PRFIN20090606_092244_000000252079_00365_37994_1086.N1	06-JUN-2009 09:22:44	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37994	No
76	GOM_NL__2PRFIN20090606_093049_000000232079_00365_37994_1087.N1	06-JUN-2009 09:30:49	Tw_i_and_stray	23.000	53	43Bet And	2.0480	3300.0	46	37994	No
77	GOM_NL__2PRFIN20090606_093340_000000292079_00365_37994_1088.N1	06-JUN-2009 09:33:40	Straylight	29.000	58	21Alp And	2.0730	11000.	58	37994	No
78	GOM_NL__2PRFIN20090606_093904_000000322079_00365_37994_1089.N1	06-JUN-2009 09:39:04	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37994	No
79	GOM_NL__2PRFIN20090606_095745_000000422079_00365_37994_1090.N1	06-JUN-2009 09:57:45	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37994	No
80	GOM_NL__2PRFIN20090606_100227_000000352079_00366_37995_1092.N1	06-JUN-2009 10:02:27	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37995	No
81	GOM_NL__2PRFIN20090606_101710_000000322079_00366_37995_1093.N1	06-JUN-2009 10:17:10	Tw_i_and_stray	32.000	38	20Eps Sgr	1.8360	11000.	64	37995	No
82	GOM_NL__2PRFIN20090606_101848_000000332079_00366_37995_1094.N1	06-JUN-2009 10:18:48	Tw_i_and_stray	32.500	116	19Del Sgr	2.7000	4100.0	65	37995	No
83	GOM_NL__2PRFIN20090606_102443_000000282079_00366_37995_1095.N1	06-JUN-2009 10:24:43	Tw_i_and_stray	28.000	86	35Eta Oph	2.4300	10200.	56	37995	No
84	GOM_NL__2PRFIN20090606_103217_000000332079_00366_37995_1096.N1	06-JUN-2009 10:32:17	Tw_i_and_stray	33.000	126	60Bet Oph	2.7700	4250.0	66	37995	No
85	GOM_NL__2PRFIN20090606_103500_000000372079_00366_37995_1097.N1	06-JUN-2009 10:35:00	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	37995	No
86	GOM_NL__2PRFIN20090606_103938_000000312079_00366_37995_1098.N1	06-JUN-2009 10:39:38	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	37995	No
87	GOM_NL__2PRFIN20090606_104654_000000322079_00366_37995_1099.N1	06-JUN-2009 10:46:54	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37995	No
88	GOM_NL__2PRFIN20090606_105744_000000312079_00366_37995_1100.N1	06-JUN-2009 10:57:44	Tw_i_and_stray	31.000	89	5Alp Cep	2.4510	8000.0	62	37995	No
89	GOM_NL__2PRFIN20090606_110320_000000252079_00366_37995_1101.N1	06-JUN-2009 11:03:20	Tw_i_and_stray	25.000	74	11Bet Cas	2.2680	6600.0	50	37995	No
90	GOM_NL__2PRFIN20090606_111125_000000232079_00366_37995_1102.N1	06-JUN-2009 11:11:25	Tw_i_and_stray	23.000	53	43Bet And	2.0480	3300.0	46	37995	No
91	GOM_NL__2PRFIN20090606_111416_000000302079_00366_37995_1103.N1	06-JUN-2009 11:14:16	Straylight	29.500	58	21Alp And	2.0730	11000.	59	37995	No
92	GOM_NL__2PRFIN20090606_111941_000000322079_00366_37995_1104.N1	06-JUN-2009 11:19:41	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37995	No
93	GOM_NL__2PRFIN20090606_113822_000000422079_00366_37995_1105.N1	06-JUN-2009 11:38:22	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37995	No
94	GOM_NL__2PRFIN20090606_114304_000000342079_00367_37996_1106.N1	06-JUN-2009 11:43:04	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37996	No
95	GOM_NL__2PRFIN20090606_115747_000000322079_00367_37996_1107.N1	06-JUN-2009 11:57:47	Tw_i_and_stray	32.000	38	20Eps Sgr	1.8360	11000.	64	37996	No
96	GOM_NL__2PRFIN20090606_115924_000000332079_00367_37996_1108.N1	06-JUN-2009 11:59:24	Tw_i_and_stray	32.500	116	19Del Sgr	2.7000	4100.0	65	37996	No
97	GOM_NL__2PRFIN20090606_120519_000000292079_00367_37996_1109.N1	06-JUN-2009 12:05:19	Tw_i_and_stray	28.500	86	35Eta Oph	2.4300	10200.	57	37996	No
98	GOM_NL__2PRFIN20090606_121252_000000382079_00367_37996_1110.N1	06-JUN-2009 12:12:52	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	37996	No
99	GOM_NL__2PRFIN20090606_121535_000000372079_00367_37996_1111.N1	06-JUN-2009 12:15:35	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	37996	No
100	GOM_NL__2PRFIN20090606_122014_000000312079_00367_37996_1112.N1	06-JUN-2009 12:20:14	Bright	30.500	133	40Zet Her	2.8070	6000.0	61	37996	No
101	GOM_NL__2PRFIN20090606_122729_000000312079_00367_37996_1113.N1	06-JUN-2009 12:27:29	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	37996	No



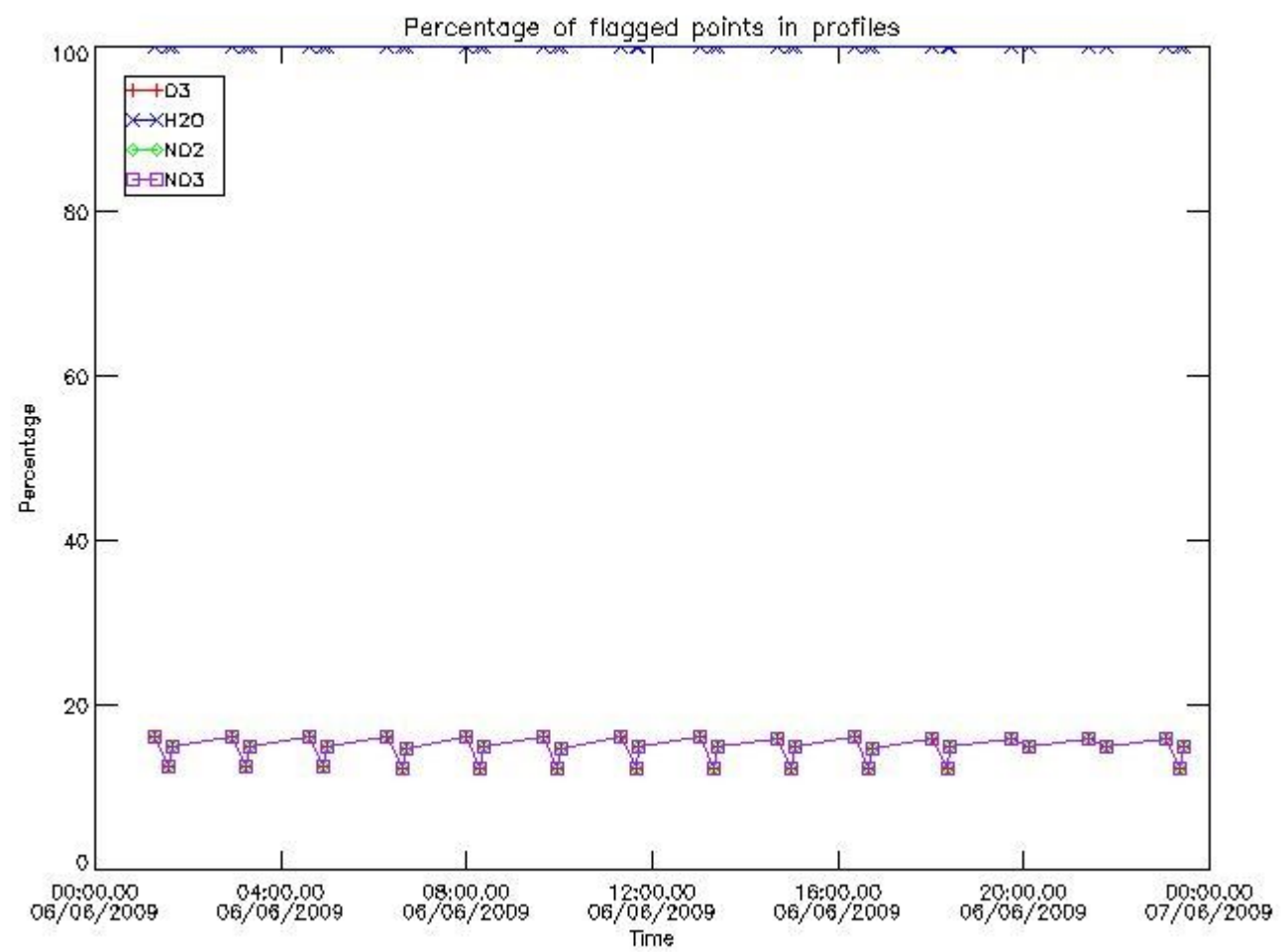
102	GOM_NL__2PRFIN20090606_123820_000000312079_00367_37996_1114.N1	06-JUN-2009 12:38:20	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	37996	No
103	GOM_NL__2PRFIN20090606_124356_000000252079_00367_37996_1115.N1	06-JUN-2009 12:43:56	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37996	No
104	GOM_NL__2PRFIN20090606_125201_000000242079_00367_37996_1116.N1	06-JUN-2009 12:52:01	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	37996	No
105	GOM_NL__2PRFIN20090606_125452_000000292079_00367_37996_1117.N1	06-JUN-2009 12:54:52	Straylight	29.000	58	21Alp And	2.0730	11000.	58	37996	No
106	GOM_NL__2PRFIN20090606_130017_000000322079_00367_37996_1118.N1	06-JUN-2009 13:00:17	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37996	No
107	GOM_NL__2PRFIN20090606_131900_000000422079_00367_37996_1119.N1	06-JUN-2009 13:19:00	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37996	No
108	GOM_NL__2PRFIN20090606_132341_000000342079_00368_37997_1120.N1	06-JUN-2009 13:23:41	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37997	No
109	GOM_NL__2PRFIN20090606_133824_000000322079_00368_37997_1121.N1	06-JUN-2009 13:38:24	Twilight	31.500	38	20Eps Sgr	1.8360	11000.	63	37997	No
110	GOM_NL__2PRFIN20090606_134001_000000332079_00368_37997_1122.N1	06-JUN-2009 13:40:01	Twilight	33.000	116	19Del Sgr	2.7000	4100.0	66	37997	No
111	GOM_NL__2PRFIN20090606_134554_000000292079_00368_37997_1123.N1	06-JUN-2009 13:45:54	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	37997	No
112	GOM_NL__2PRFIN20090606_135328_000000372079_00368_37997_1124.N1	06-JUN-2009 13:53:28	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	37997	No
113	GOM_NL__2PRFIN20090606_135611_000000372079_00368_37997_1125.N1	06-JUN-2009 13:56:11	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	37997	No
114	GOM_NL__2PRFIN20090606_140049_000000302079_00368_37997_1126.N1	06-JUN-2009 14:00:49	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	37997	No
115	GOM_NL__2PRFIN20090606_140804_000000322079_00368_37997_1127.N1	06-JUN-2009 14:08:04	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37997	No
116	GOM_NL__2PRFIN20090606_141855_000000312079_00368_37997_1128.N1	06-JUN-2009 14:18:55	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	37997	No
117	GOM_NL__2PRFIN20090606_142431_000000252079_00368_37997_1129.N1	06-JUN-2009 14:24:31	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37997	No
118	GOM_NL__2PRFIN20090606_143237_000000242079_00368_37997_1130.N1	06-JUN-2009 14:32:37	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	37997	No
119	GOM_NL__2PRFIN20090606_143528_000000302079_00368_37997_1131.N1	06-JUN-2009 14:35:28	Straylight	29.500	58	21Alp And	2.0730	11000.	59	37997	No
120	GOM_NL__2PRFIN20090606_144054_000000322079_00368_37997_1132.N1	06-JUN-2009 14:40:54	Dark	32.000	140	88Gam Peg	2.8340	26000.	64	37997	No
121	GOM_NL__2PRFIN20090606_145937_000000422079_00368_37997_1133.N1	06-JUN-2009 14:59:37	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37997	No
122	GOM_NL__2PRFIN20090606_150418_000000342079_00369_37998_1135.N1	06-JUN-2009 15:04:18	Dark	34.000	31	Alp Gru	1.7340	15200.	68	37998	No
123	GOM_NL__2PRFIN20090606_151900_000000322079_00369_37998_1136.N1	06-JUN-2009 15:19:00	Twilight	31.500	38	20Eps Sgr	1.8360	11000.	63	37998	No
124	GOM_NL__2PRFIN20090606_152059_000000282079_00369_37998_1137.N1	06-JUN-2009 15:20:59	Twilight	28.000	57	34Sig Sgr	2.0660	26000.	56	37998	No
125	GOM_NL__2PRFIN20090606_152203_000000362079_00369_37998_1138.N1	06-JUN-2009 15:22:03	Twilight	35.500	137	22Lam Sgr	2.8240	4400.0	71	37998	No
126	GOM_NL__2PRFIN20090606_152630_000000292079_00369_37998_1139.N1	06-JUN-2009 15:26:30	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	37998	No
127	GOM_NL__2PRFIN20090606_153403_000000382079_00369_37998_1140.N1	06-JUN-2009 15:34:03	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	37998	No
128	GOM_NL__2PRFIN20090606_153646_000000372079_00369_37998_1141.N1	06-JUN-2009 15:36:46	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	37998	No
129	GOM_NL__2PRFIN20090606_154125_000000302079_00369_37998_1142.N1	06-JUN-2009 15:41:25	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	37998	No
130	GOM_NL__2PRFIN20090606_154840_000000312079_00369_37998_1143.N1	06-JUN-2009 15:48:40	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	37998	No
131	GOM_NL__2PRFIN20090606_155930_000000312079_00369_37998_1144.N1	06-JUN-2009 15:59:30	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	37998	No
132	GOM_NL__2PRFIN20090606_160507_000000252079_00369_37998_1145.N1	06-JUN-2009 16:05:07	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37998	No
133	GOM_NL__2PRFIN20090606_161313_000000242079_00369_37998_1146.N1	06-JUN-2009 16:13:13	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	37998	No
134	GOM_NL__2PRFIN20090606_161605_000000302079_00369_37998_1147.N1	06-JUN-2009 16:16:05	Straylight	29.500	58	21Alp And	2.0730	11000.	59	37998	No
135	GOM_NL__2PRFIN20090606_162130_000000322079_00369_37998_1148.N1	06-JUN-2009 16:21:30	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	37998	No
136	GOM_NL__2PRFIN20090606_164014_000000422079_00369_37998_1149.N1	06-JUN-2009 16:40:14	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37998	No
137	GOM_NL__2PRFIN20090606_164455_000000352079_00370_37999_1150.N1	06-JUN-2009 16:44:55	Dark	34.500	31	Alp Gru	1.7340	15200.	69	37999	No
138	GOM_NL__2PRFIN20090606_165936_000000322079_00370_37999_1151.N1	06-JUN-2009 16:59:36	Twilight	31.500	38	20Eps Sgr	1.8360	11000.	63	37999	No
139	GOM_NL__2PRFIN20090606_170135_000000282079_00370_37999_1152.N1	06-JUN-2009 17:01:35	Twilight	28.000	57	34Sig Sgr	2.0660	26000.	56	37999	No
140	GOM_NL__2PRFIN20090606_170239_000000362079_00370_37999_1153.N1	06-JUN-2009 17:02:39	Twilight	35.500	137	22Lam Sgr	2.8240	4400.0	71	37999	No
141	GOM_NL__2PRFIN20090606_170707_000000292079_00370_37999_1154.N1	06-JUN-2009 17:07:07	Twilight	28.500	86	35Eta Oph	2.4300	10200.	57	37999	No
142	GOM_NL__2PRFIN20090606_171439_000000382079_00370_37999_1155.N1	06-JUN-2009 17:14:39	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	37999	No
143	GOM_NL__2PRFIN20090606_171722_000000372079_00370_37999_1156.N1	06-JUN-2009 17:17:22	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	37999	No
144	GOM_NL__2PRFIN20090606_172201_000000302079_00370_37999_1157.N1	06-JUN-2009 17:22:01	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	37999	No
145	GOM_NL__2PRFIN20090606_172915_000000322079_00370_37999_1158.N1	06-JUN-2009 17:29:15	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	37999	No
146	GOM_NL__2PRFIN20090606_174006_000000312079_00370_37999_1159.N1	06-JUN-2009 17:40:06	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	37999	No
147	GOM_NL__2PRFIN20090606_174543_000000252079_00370_37999_1160.N1	06-JUN-2009 17:45:43	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	37999	No
148	GOM_NL__2PRFIN20090606_175349_000000242079_00370_37999_1161.N1	06-JUN-2009 17:53:49	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	37999	No
149	GOM_NL__2PRFIN20090606_175641_000000292079_00370_37999_1162.N1	06-JUN-2009 17:56:41	Straylight	29.000	58	21Alp And	2.0730	11000.	58	37999	No
150	GOM_NL__2PRFIN20090606_180207_000000322079_00370_37999_1163.N1	06-JUN-2009 18:02:07	Dark	32.000	140	88Gam Peg	2.8340	26000.	64	37999	No
151	GOM_NL__2PRFIN20090606_182052_000000422079_00370_37999_1164.N1	06-JUN-2009 18:20:52	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	37999	No
152	GOM_NL__2PRFIN20090606_182532_000000342079_00371_38000_1186.N1	06-JUN-2009 18:25:32	Dark	33.500	31	Alp Gru	1.7340	15200.	67	38000	No
153	GOM_NL__2PRFIN20090606_184013_000000322079_00371_38000_1187.N1	06-JUN-2009 18:40:13	Twilight	32.000	38	20Eps Sgr	1.8360	11000.	64	38000	No
154	GOM_NL__2PRFIN20090606_184212_000000322079_00371_38000_1188.N1	06-JUN-2009 18:42:12	Twilight	32.000	57	34Sig Sgr	2.0660	26000.	64	38000	No
155	GOM_NL__2PRFIN20090606_184315_000000362079_00371_38000_1189.N1	06-JUN-2009 18:43:15	Twilight	35.500	137	22Lam Sgr	2.8240	4400.0	71	38000	No
156	GOM_NL__2PRFIN20090606_184742_000000292079_00371_38000_1190.N1	06-JUN-2009 18:47:42	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	38000	No
157	GOM_NL__2PRFIN20090606_185515_000000372079_00371_38000_1191.N1	06-JUN-2009 18:55:15	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38000	No
158	GOM_NL__2PRFIN20090606_185757_000000372079_00371_38000_1192.N1	06-JUN-2009 18:57:57	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38000	No
159	GOM_NL__2PRFIN20090606_190236_000000302079_00371_38000_1193.N1	06-JUN-2009 19:02:36	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38000	No
160	GOM_NL__2PRFIN20090606_190951_000000312079_00371_38000_1194.N1	06-JUN-2009 19:09:51	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38000	No

161	GOM_NL__2PRFIN20090606_192041_000000312079_00371_38000_1195.N1	06-JUN-2009 19:20:41	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38000	No
162	GOM_NL__2PRFIN20090606_192619_000000252079_00371_38000_1196.N1	06-JUN-2009 19:26:19	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	38000	No
163	GOM_NL__2PRFIN20090606_193425_000000242079_00371_38000_1197.N1	06-JUN-2009 19:34:25	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	38000	No
164	GOM_NL__2PRFIN20090606_193717_000000302079_00371_38000_1198.N1	06-JUN-2009 19:37:17	Straylight	29.500	58	21Alp And	2.0730	11000.	59	38000	No
165	GOM_NL__2PRFIN20090606_194244_000000322079_00371_38000_1199.N1	06-JUN-2009 19:42:44	Dark	32.000	140	88Gam Peg	2.8340	26000.	64	38000	No
166	GOM_NL__2PRFIN20090606_200609_000000342079_00372_38001_1205.N1	06-JUN-2009 20:06:09	Dark	33.500	31	Alp Gru	1.7340	15200.	67	38001	No
167	GOM_NL__2PRFIN20090606_202049_000000322079_00372_38001_1206.N1	06-JUN-2009 20:20:49	Twilight	31.500	38	20Eps Sgr	1.8360	11000.	63	38001	No
168	GOM_NL__2PRFIN20090606_202248_000000322079_00372_38001_1207.N1	06-JUN-2009 20:22:48	Twilight	32.000	57	34Sig Sgr	2.0660	26000.	64	38001	No
169	GOM_NL__2PRFIN20090606_202352_000000352079_00372_38001_1208.N1	06-JUN-2009 20:23:52	Twilight	35.000	137	22Lam Sgr	2.8240	4400.0	70	38001	No
170	GOM_NL__2PRFIN20090606_202819_000000292079_00372_38001_1209.N1	06-JUN-2009 20:28:19	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	38001	No
171	GOM_NL__2PRFIN20090606_203550_000000372079_00372_38001_1210.N1	06-JUN-2009 20:35:50	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38001	No
172	GOM_NL__2PRFIN20090606_203832_000000372079_00372_38001_1211.N1	06-JUN-2009 20:38:32	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38001	No
173	GOM_NL__2PRFIN20090606_204312_000000302079_00372_38001_1212.N1	06-JUN-2009 20:43:12	Bright	30.000	133	40Zet Her	2.8070	6000.0	60	38001	No
174	GOM_NL__2PRFIN20090606_205026_000000322079_00372_38001_1213.N1	06-JUN-2009 20:50:26	Bright	31.500	130	23Bet Dra	2.7990	5800.0	63	38001	No
175	GOM_NL__2PRFIN20090606_210116_000000312079_00372_38001_1214.N1	06-JUN-2009 21:01:16	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38001	No
176	GOM_NL__2PRFIN20090606_210654_000000252079_00372_38001_1215.N1	06-JUN-2009 21:06:54	Twilight	25.000	74	11Bet Cas	2.2680	6600.0	50	38001	No
177	GOM_NL__2PRFIN20090606_211501_000000242079_00372_38001_1216.N1	06-JUN-2009 21:15:01	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	38001	No
178	GOM_NL__2PRFIN20090606_211753_000000302079_00372_38001_1217.N1	06-JUN-2009 21:17:53	Straylight	29.500	58	21Alp And	2.0730	11000.	59	38001	No
179	GOM_NL__2PRFIN20090606_212320_000000322079_00372_38001_1218.N1	06-JUN-2009 21:23:20	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	38001	No
180	GOM_NL__2PRFIN20090606_214645_000000342079_00373_38002_1220.N1	06-JUN-2009 21:46:45	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38002	No
181	GOM_NL__2PRFIN20090606_220125_000000332079_00373_38002_1221.N1	06-JUN-2009 22:01:25	Twilight	32.500	38	20Eps Sgr	1.8360	11000.	65	38002	No
182	GOM_NL__2PRFIN20090606_220324_000000362079_00373_38002_1222.N1	06-JUN-2009 22:03:24	Twilight	36.000	57	34Sig Sgr	2.0660	26000.	72	38002	No
183	GOM_NL__2PRFIN20090606_220428_000000362079_00373_38002_1223.N1	06-JUN-2009 22:04:28	Twilight	35.500	137	22Lam Sgr	2.8240	4400.0	71	38002	No
184	GOM_NL__2PRFIN20090606_220854_000000292079_00373_38002_1224.N1	06-JUN-2009 22:08:54	Twilight	29.000	86	35Eta Oph	2.4300	10200.	58	38002	No
185	GOM_NL__2PRFIN20090606_221625_000000372079_00373_38002_1225.N1	06-JUN-2009 22:16:25	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38002	No
186	GOM_NL__2PRFIN20090606_221908_000000372079_00373_38002_1226.N1	06-JUN-2009 22:19:08	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38002	No
187	GOM_NL__2PRFIN20090606_222348_000000302079_00373_38002_1227.N1	06-JUN-2009 22:23:48	Bright	29.500	133	40Zet Her	2.8070	6000.0	59	38002	No
188	GOM_NL__2PRFIN20090606_223102_000000312079_00373_38002_1228.N1	06-JUN-2009 22:31:02	Bright	31.000	130	23Bet Dra	2.7990	5800.0	62	38002	No
189	GOM_NL__2PRFIN20090606_224152_000000312079_00373_38002_1229.N1	06-JUN-2009 22:41:52	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38002	No
190	GOM_NL__2PRFIN20090606_224730_000000262079_00373_38002_1230.N1	06-JUN-2009 22:47:30	Twilight	25.500	74	11Bet Cas	2.2680	6600.0	51	38002	No
191	GOM_NL__2PRFIN20090606_225537_000000242079_00373_38002_1231.N1	06-JUN-2009 22:55:37	Twilight	23.500	53	43Bet And	2.0480	3300.0	47	38002	No
192	GOM_NL__2PRFIN20090606_225829_000000302079_00373_38002_1232.N1	06-JUN-2009 22:58:29	Straylight	29.500	58	21Alp And	2.0730	11000.	59	38002	No
193	GOM_NL__2PRFIN20090606_230356_000000322079_00373_38002_1233.N1	06-JUN-2009 23:03:56	Dark	31.500	140	88Gam Peg	2.8340	26000.	63	38002	No
194	GOM_NL__2PRFIN20090606_232244_000000422079_00373_38002_1234.N1	06-JUN-2009 23:22:44	Dark	41.500	18	24Alp PsA	1.1660	9700.0	83	38002	No
195	GOM_NL__2PRFIN20090606_232722_000000342079_00374_38003_1236.N1	06-JUN-2009 23:27:22	Dark	34.000	31	Alp Gru	1.7340	15200.	68	38003	No
196	GOM_NL__2PRFIN20090606_234202_000000322079_00374_38003_1237.N1	06-JUN-2009 23:42:02	Twilight	32.000	38	20Eps Sgr	1.8360	11000.	64	38003	No
197	GOM_NL__2PRFIN20090606_234401_000000362079_00374_38003_1238.N1	06-JUN-2009 23:44:01	Twilight	36.000	57	34Sig Sgr	2.0660	26000.	72	38003	No
198	GOM_NL__2PRFIN20090606_234504_000000352079_00374_38003_1239.N1	06-JUN-2009 23:45:04	Twilight	35.000	137	22Lam Sgr	2.8240	4400.0	70	38003	No
199	GOM_NL__2PRFIN20090606_234931_000000292079_00374_38003_1240.N1	06-JUN-2009 23:49:31	Twilight	28.500	86	35Eta Oph	2.4300	10200.	57	38003	No
200	GOM_NL__2PRFIN20090606_235701_000000372079_00374_38003_1241.N1	06-JUN-2009 23:57:01	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	38003	No
201	GOM_NL__2PRFIN20090606_235943_000000372079_00374_38003_1242.N1	06-JUN-2009 23:59:43	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	38003	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.

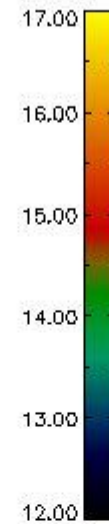
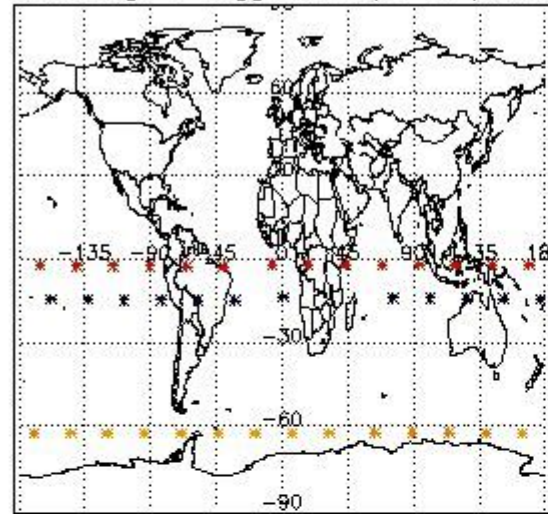
#### 3.1 Plot quality information per product (time dependant)



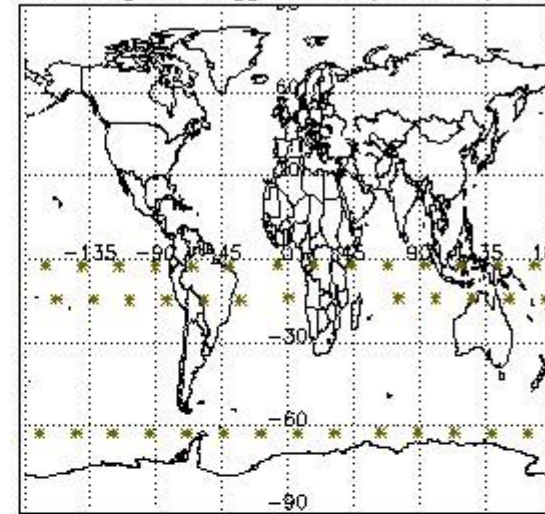
*3.2 Plot quality information per product (world map)*



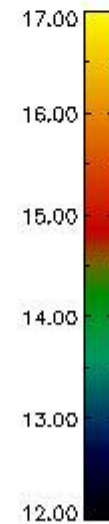
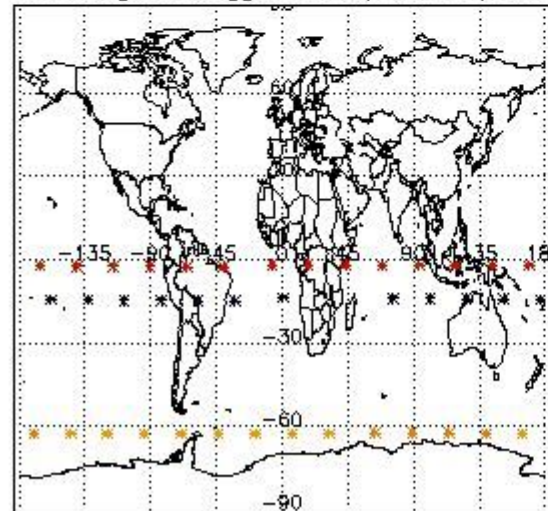
Percentage of flagged data per O3 profile



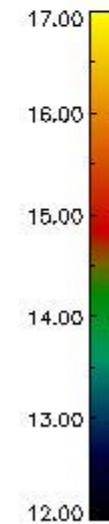
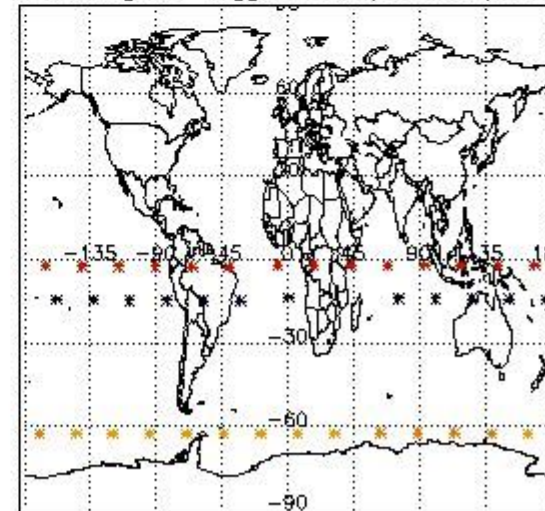
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



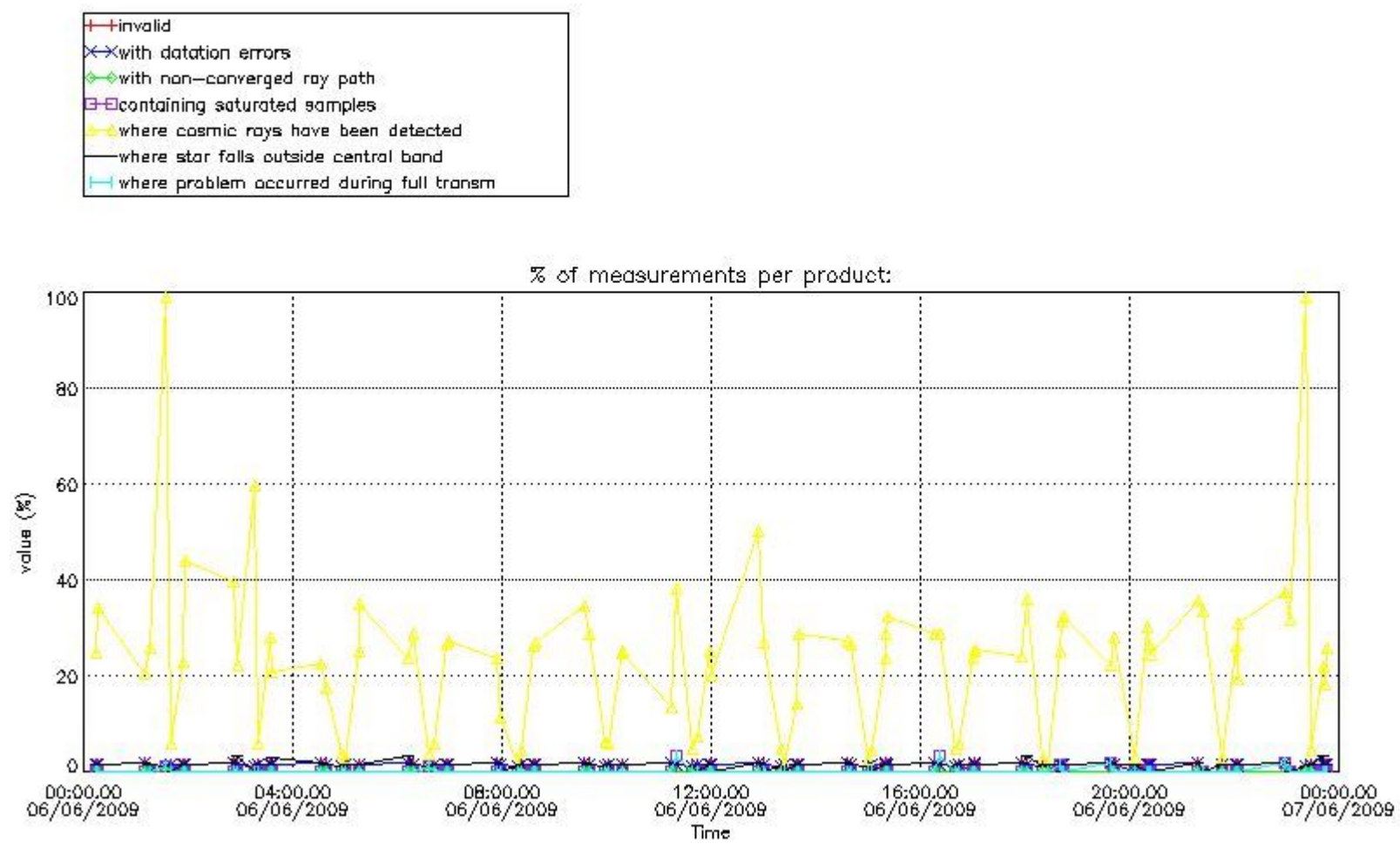
#### 4. Level 1 quality information per product

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.

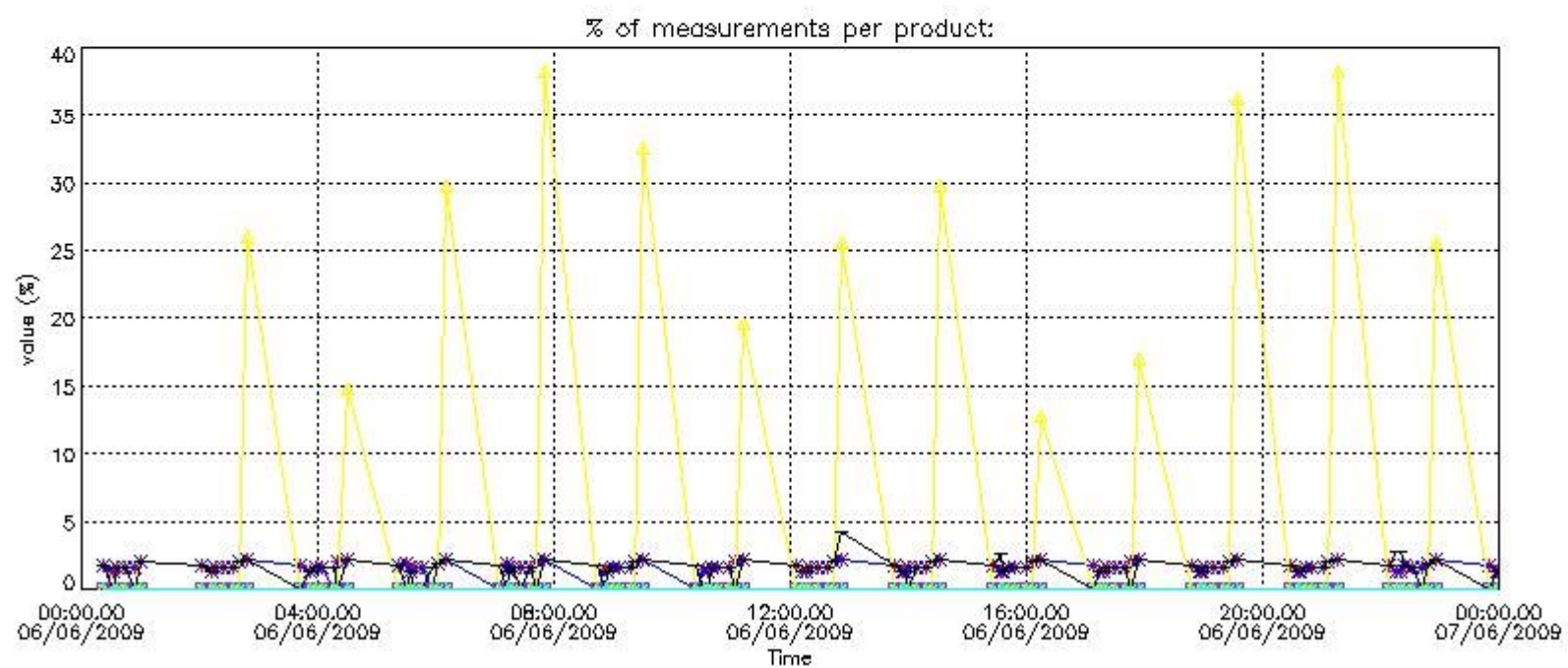
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





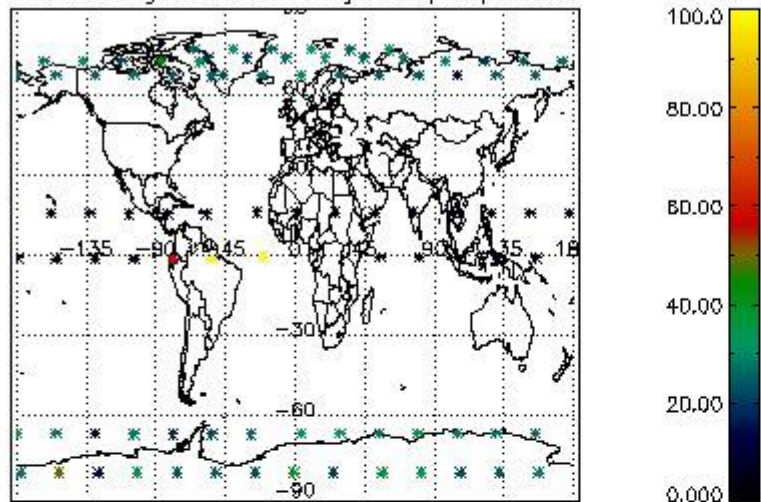
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



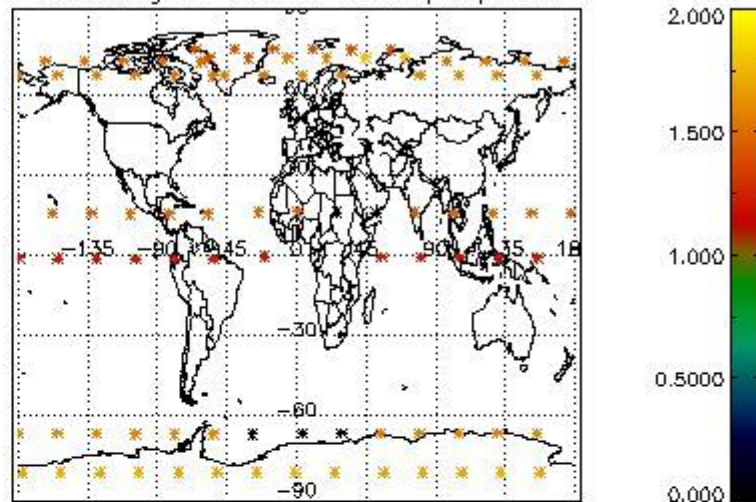
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

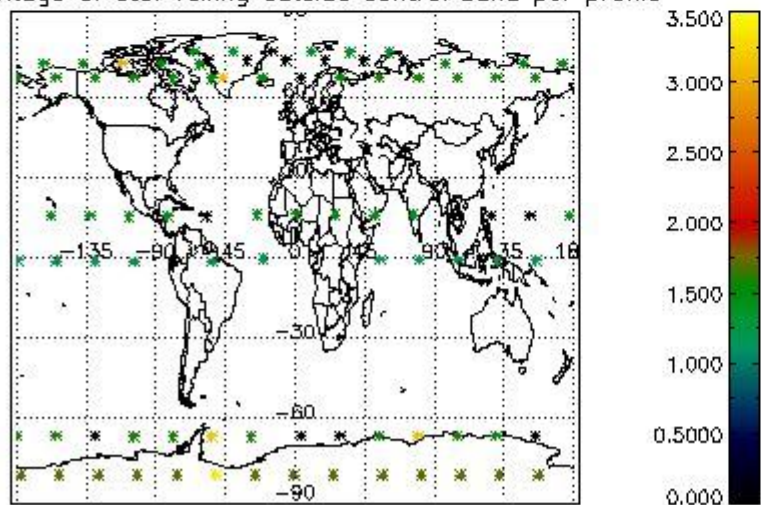
Percentage of cosmic ray hits per profile



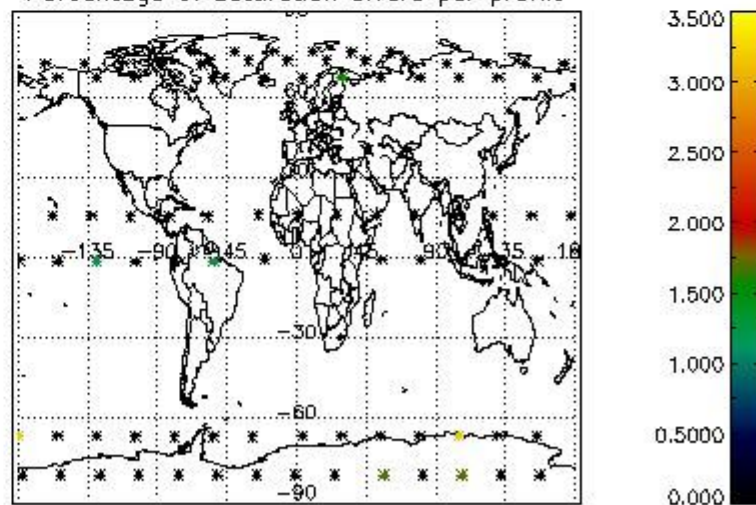
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

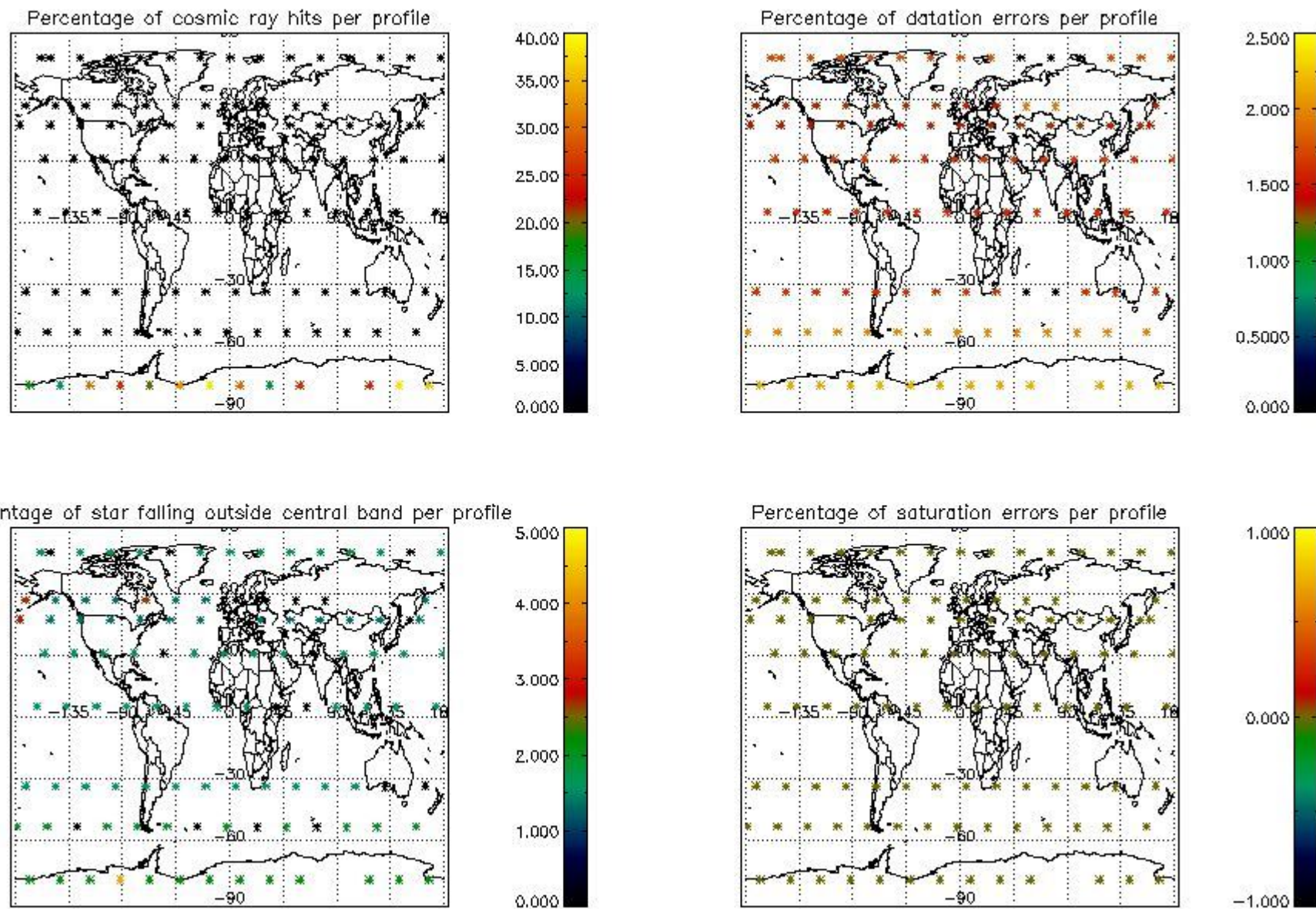


Percentage of saturation errors per profile



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

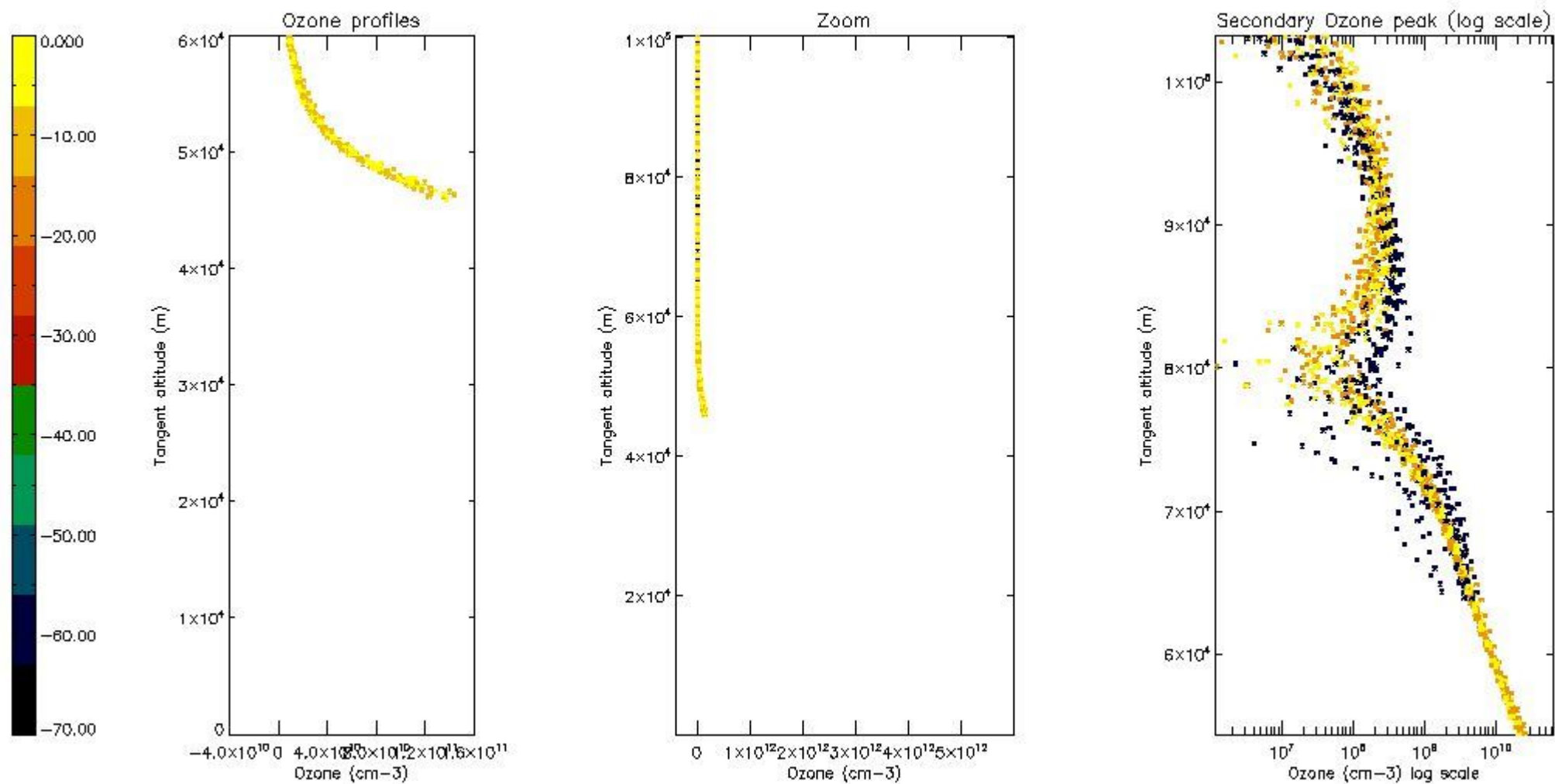
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	10

STD < 10	7
STD < 5	6

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

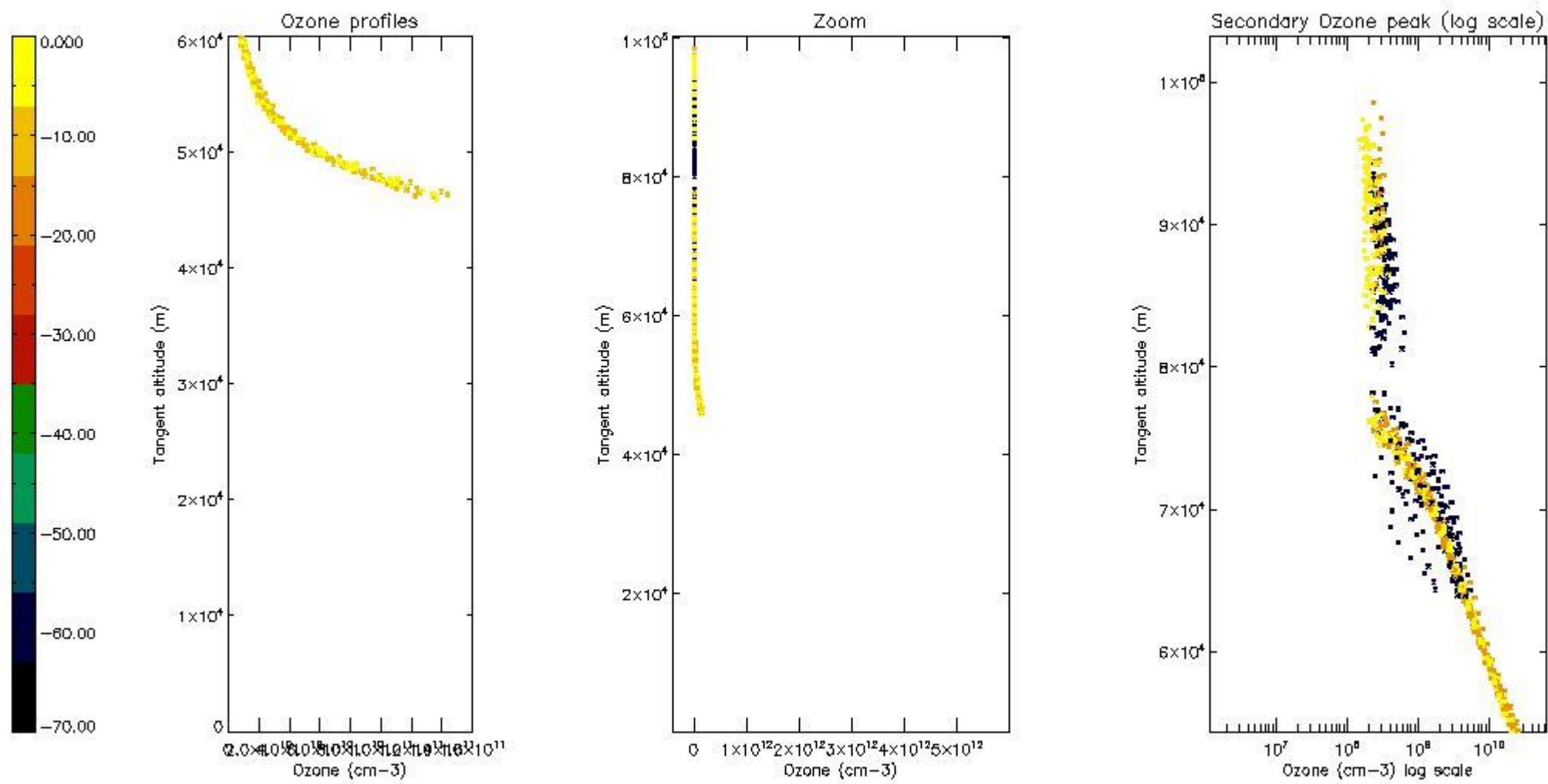
The colorbar represents the latitude.



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

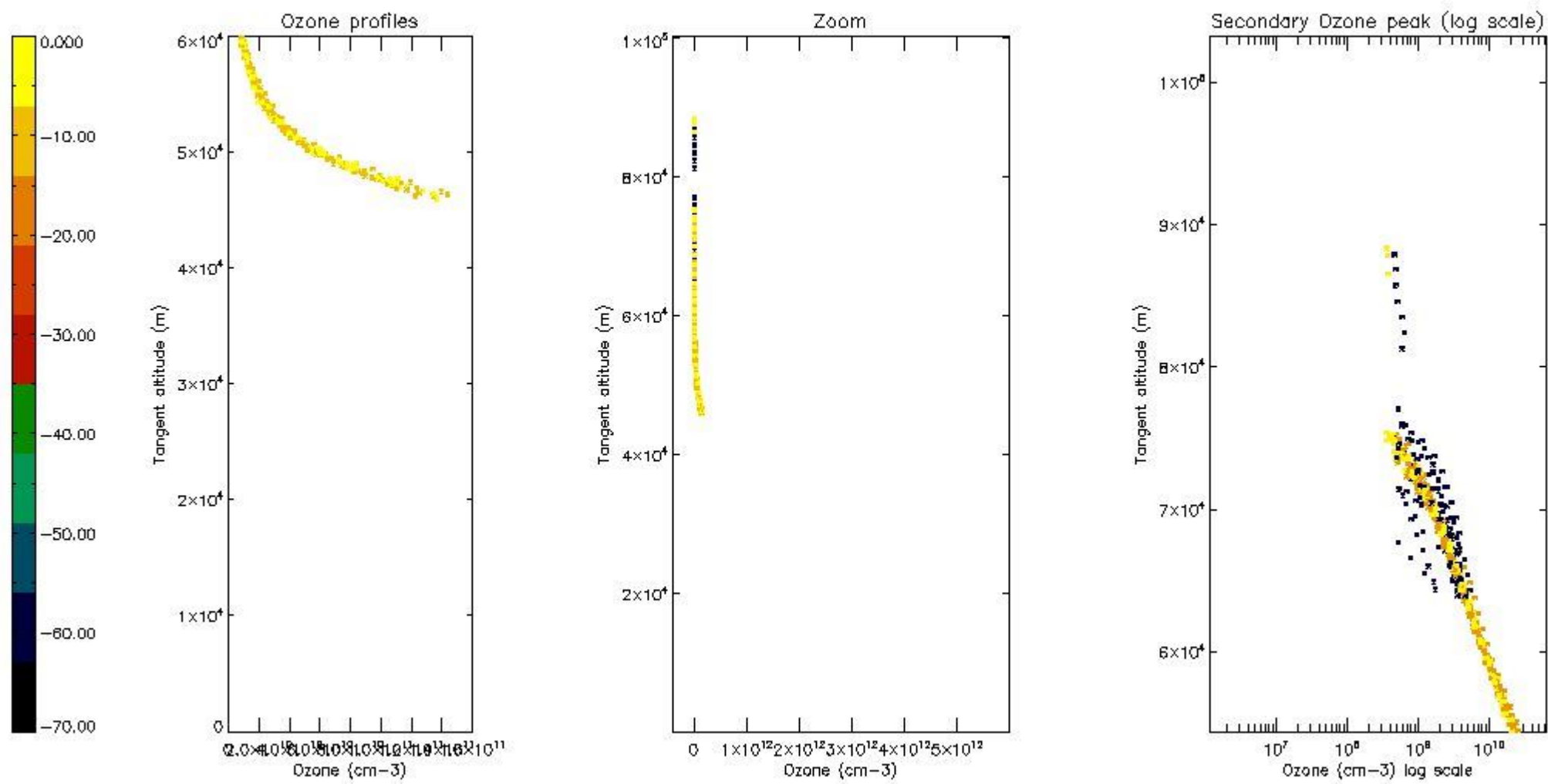
The colorbar represents the latitude.





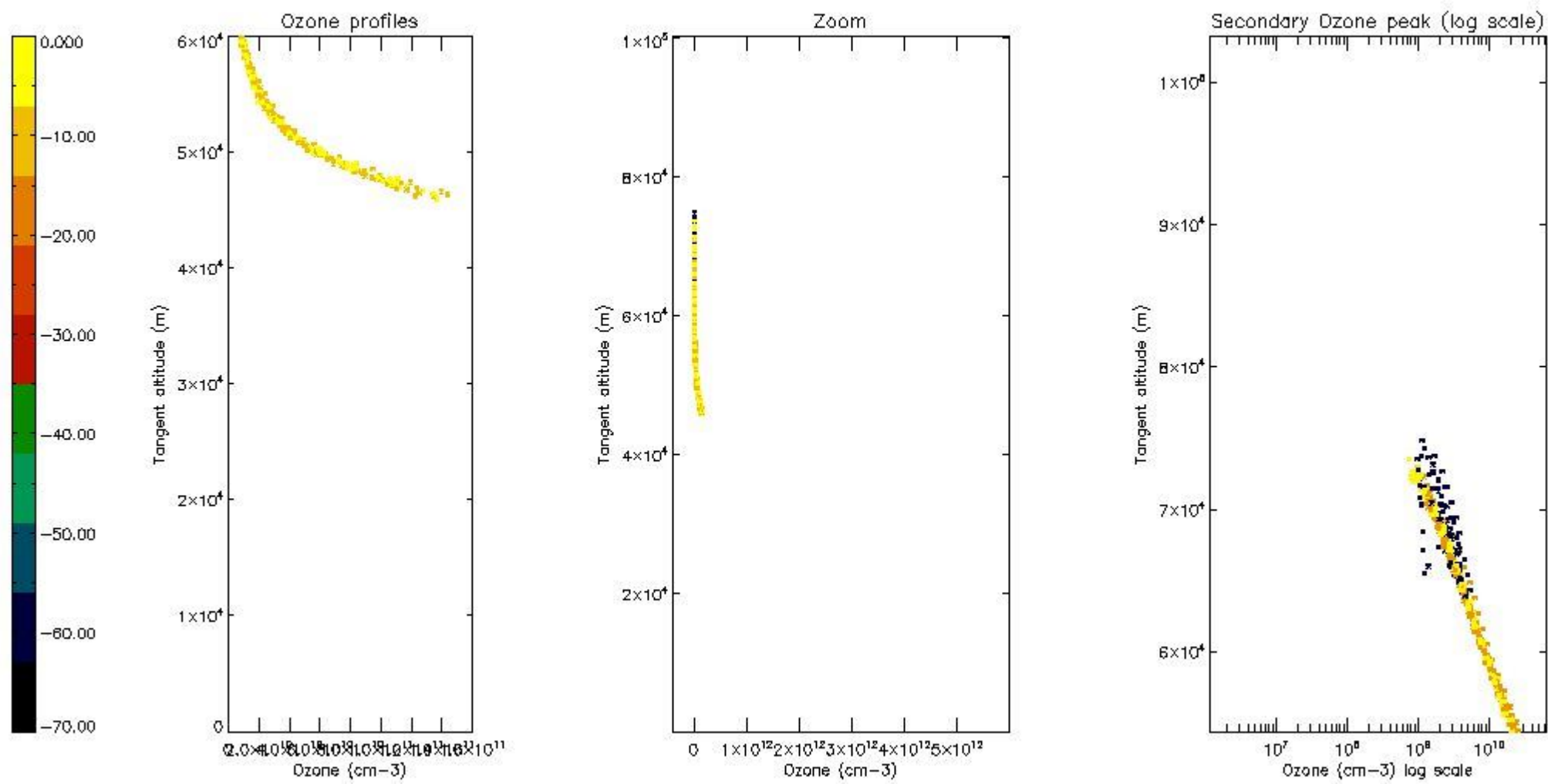
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



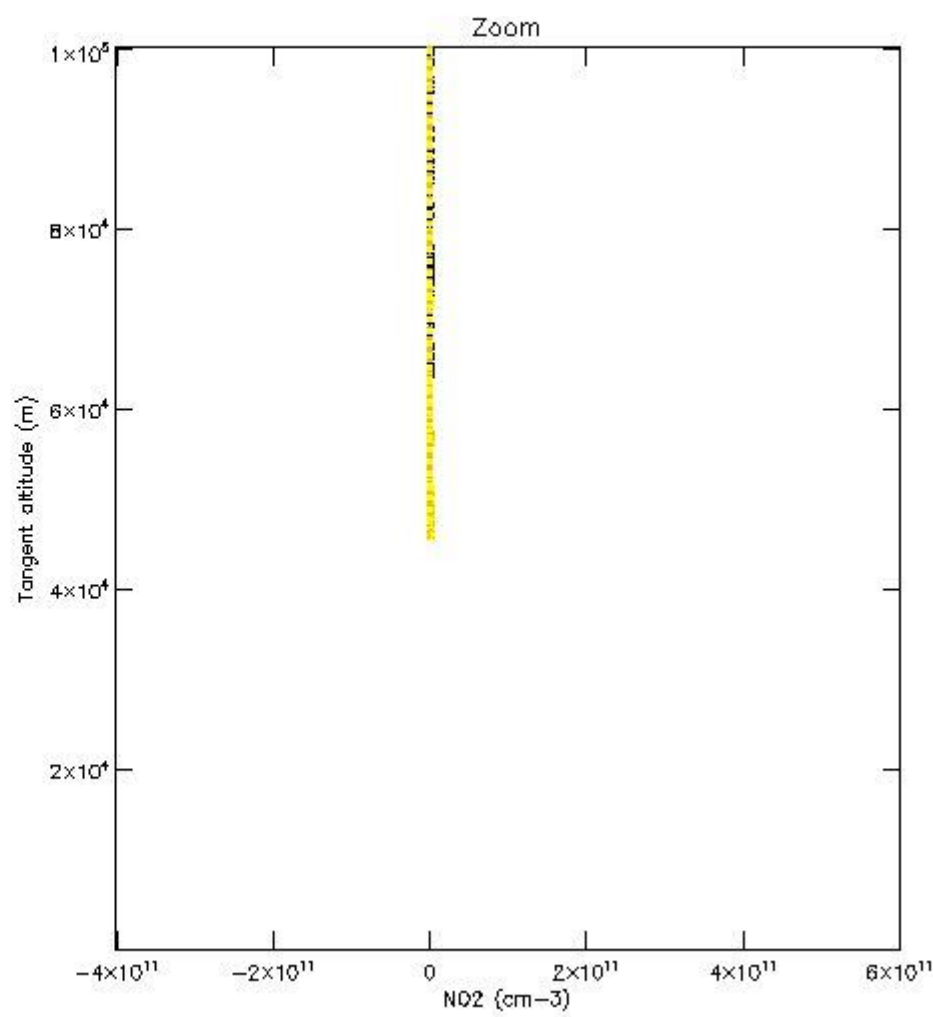
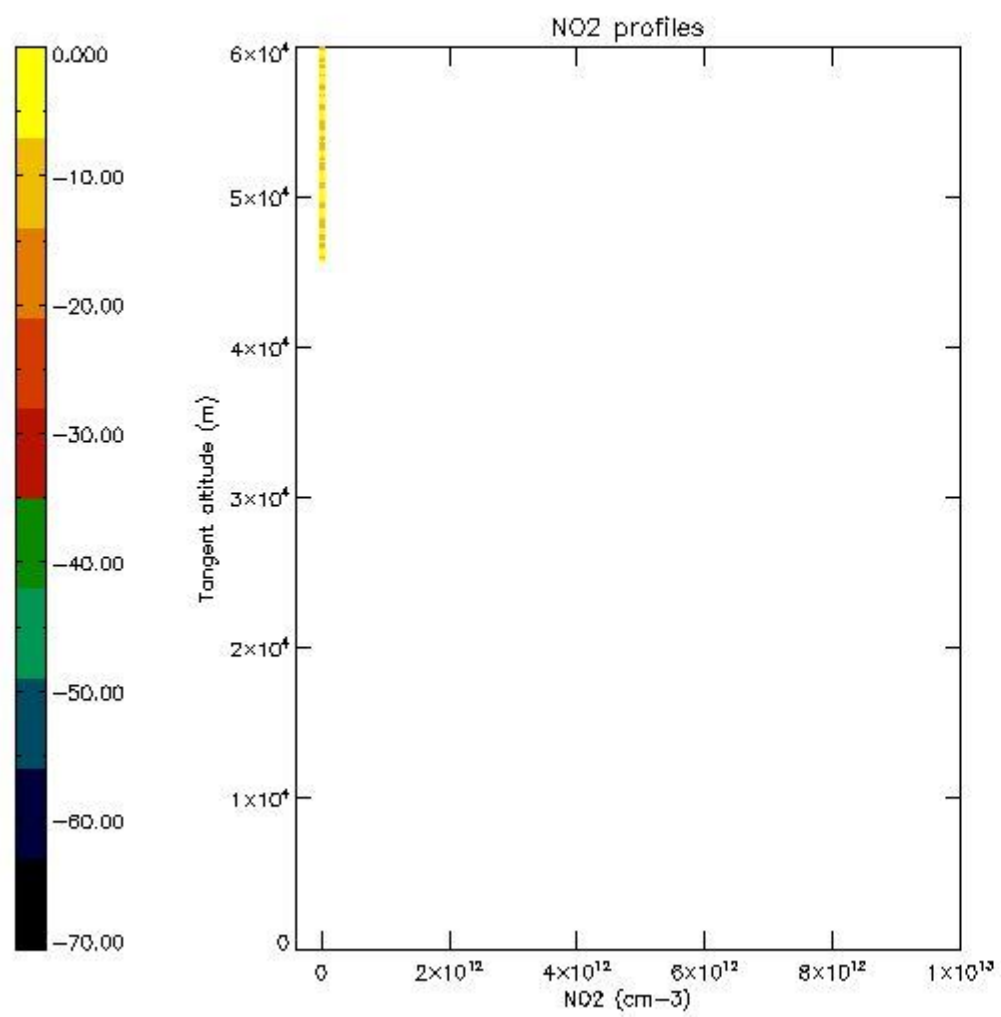
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



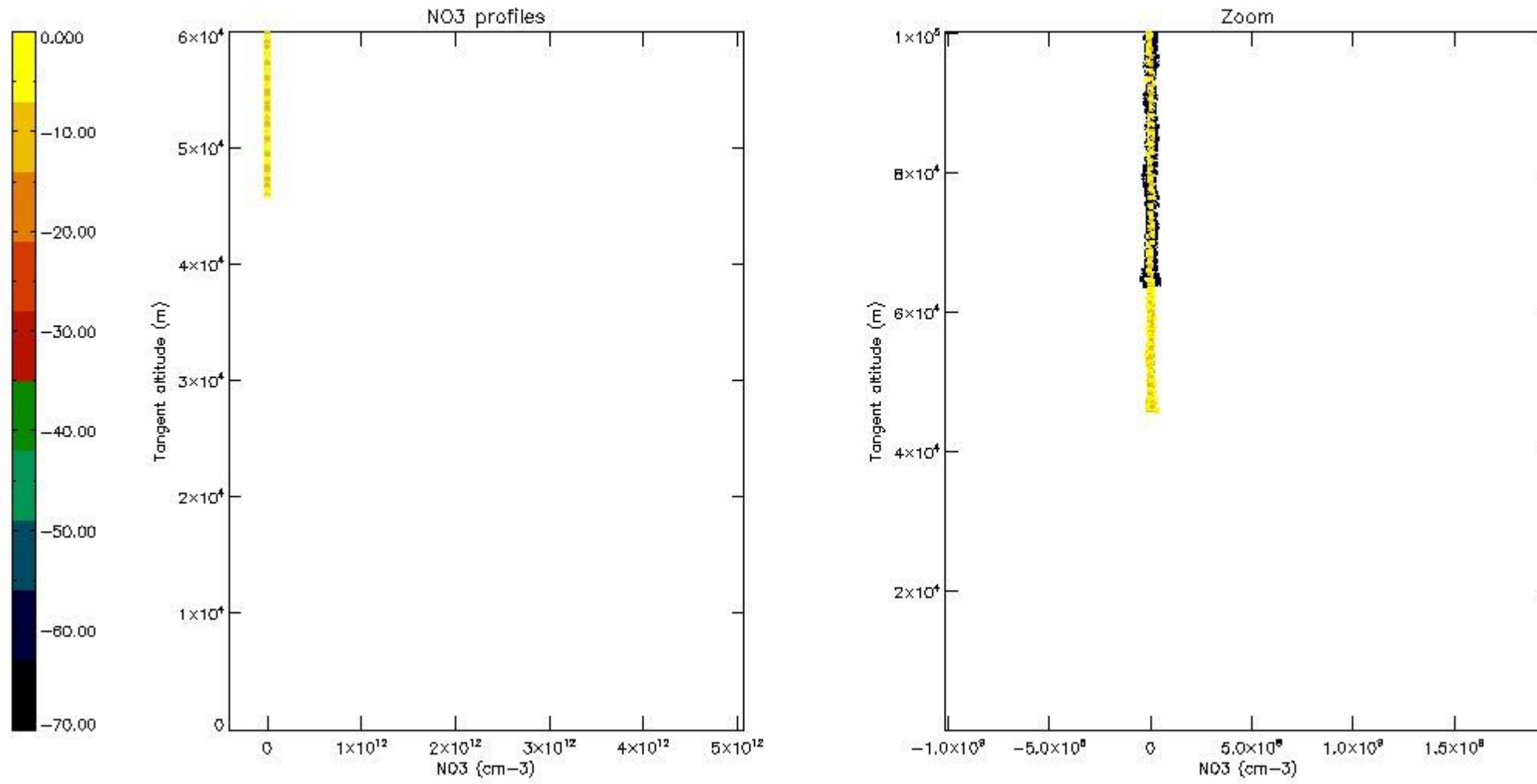
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

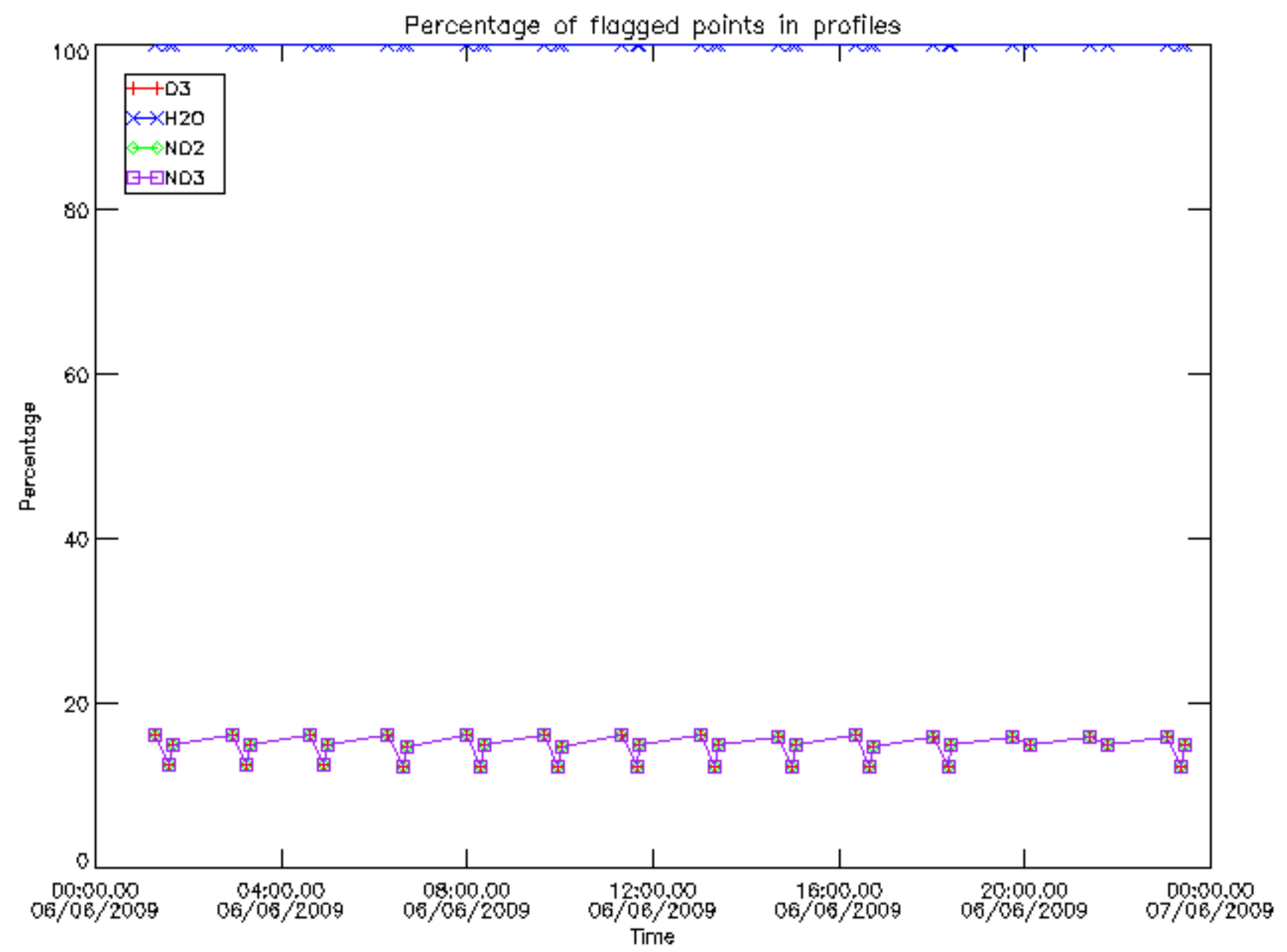


## 6. Auxiliary Data Files used for the production reported in section 2

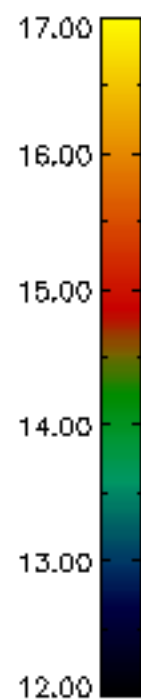
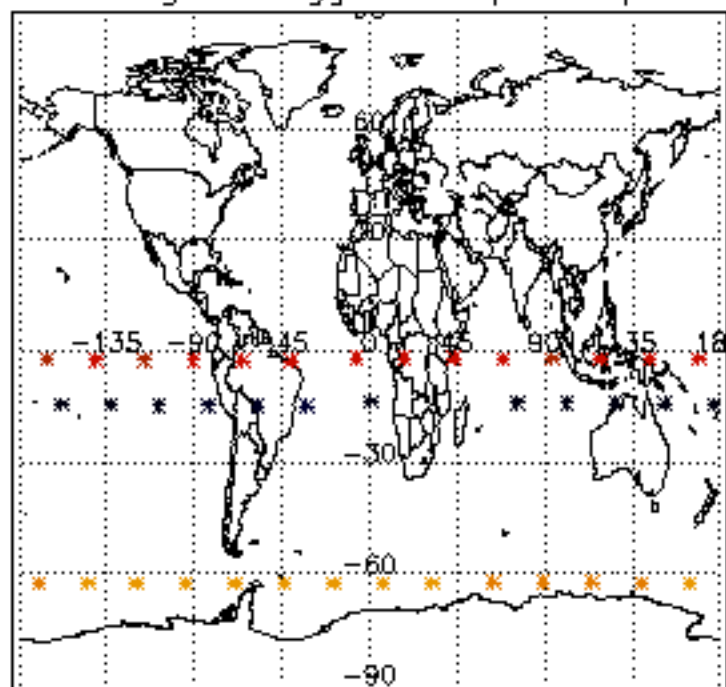
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	06-JUN-2009 00:13:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-JUN-2009 00:13:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-JUN-2009 00:13:32

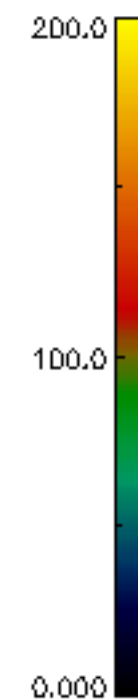
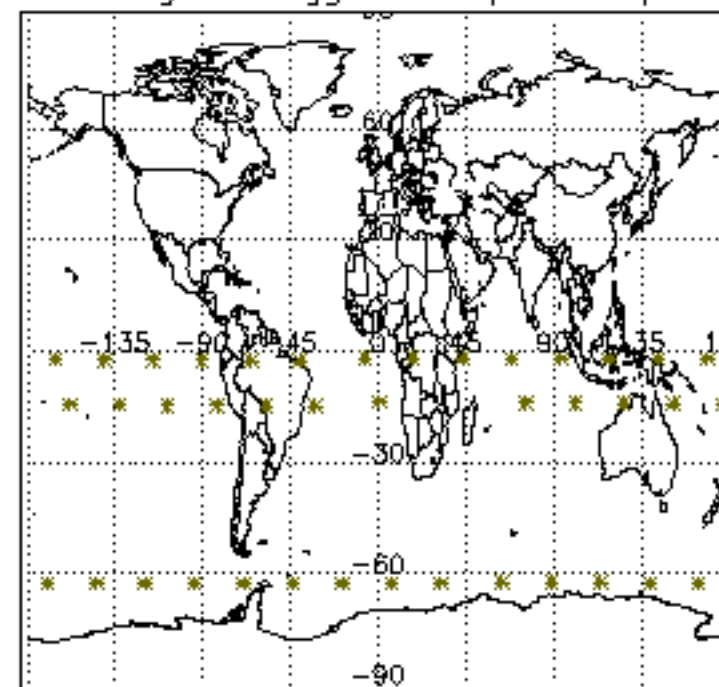




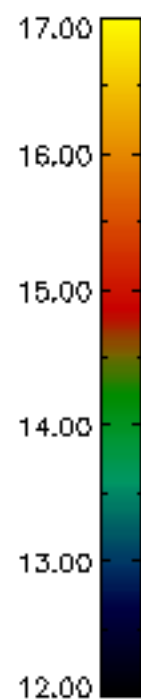
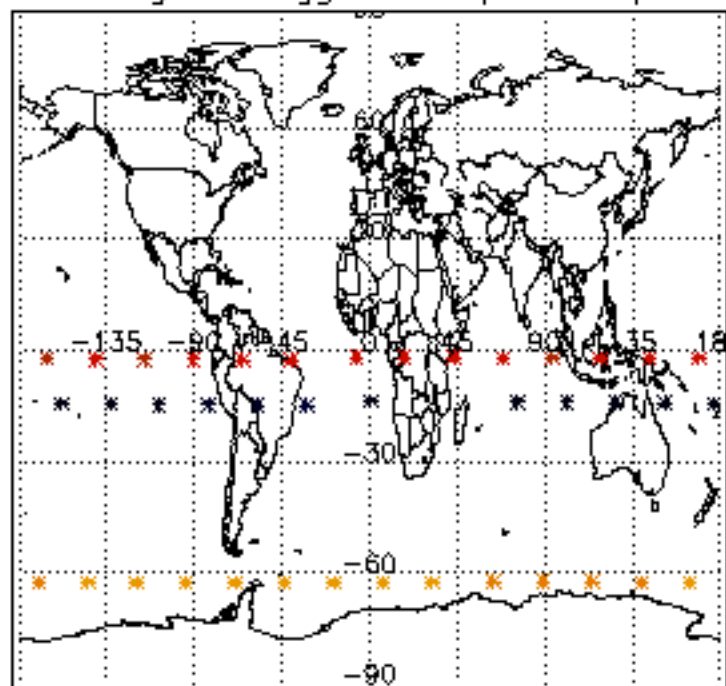
Percentage of flagged data per D3 profile



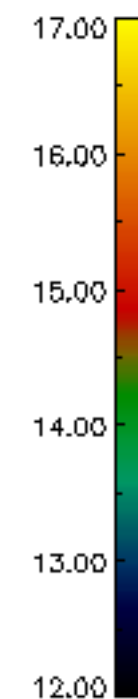
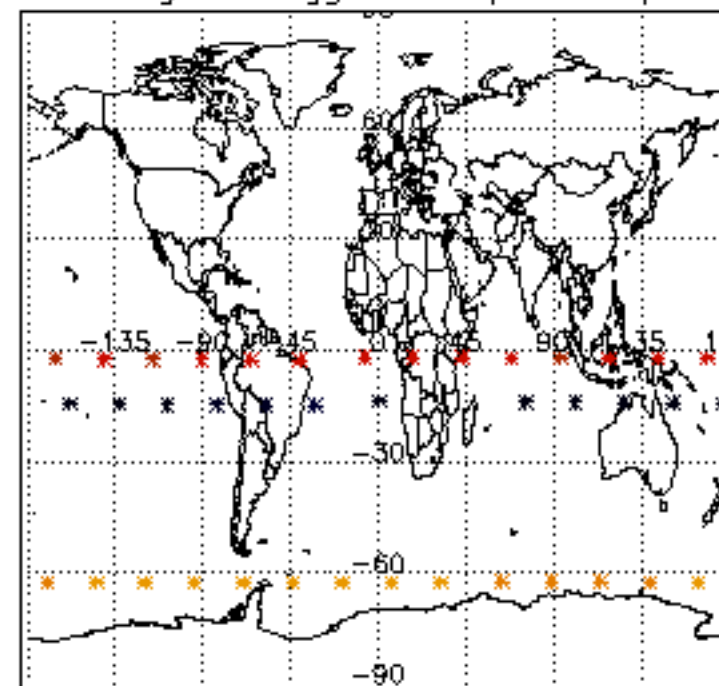
Percentage of flagged data per H2O profile

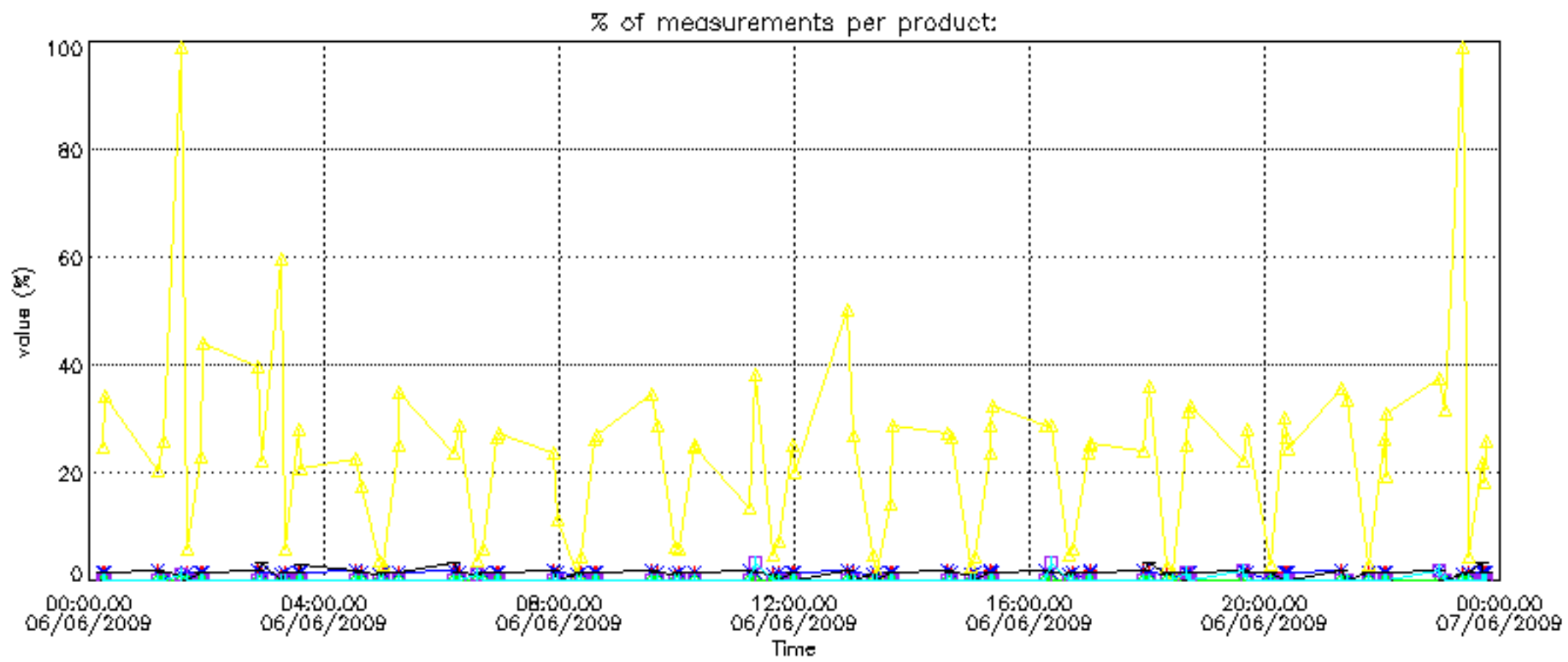


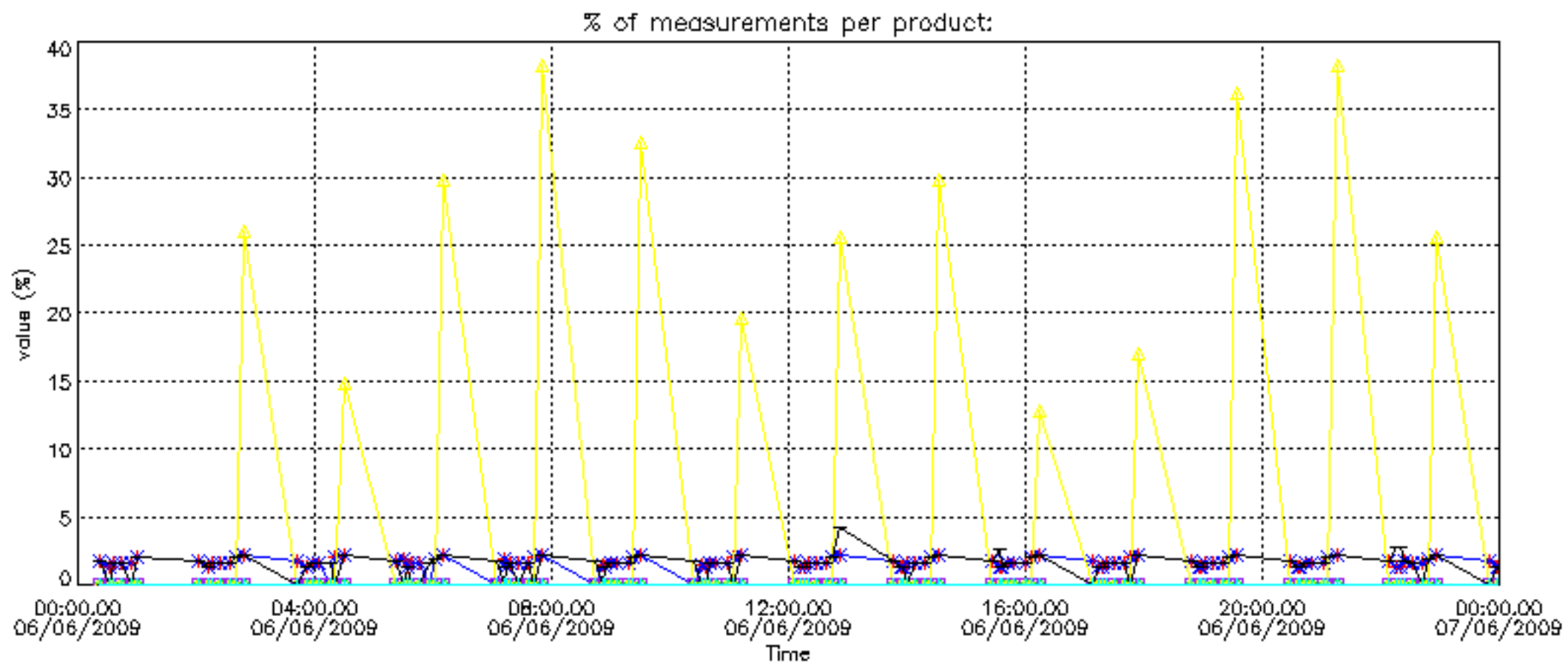
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

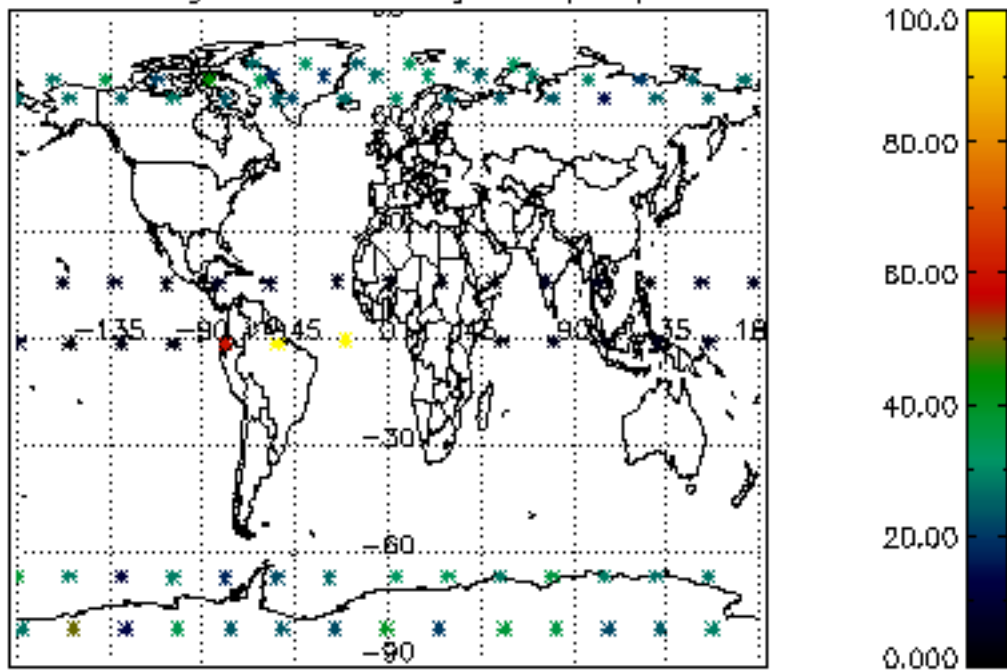




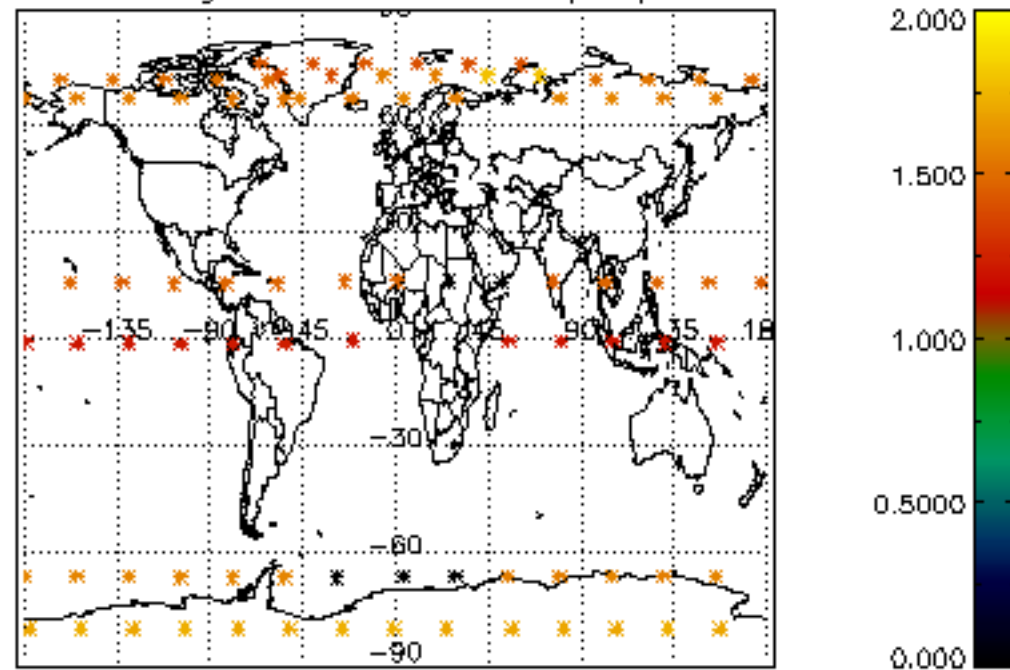




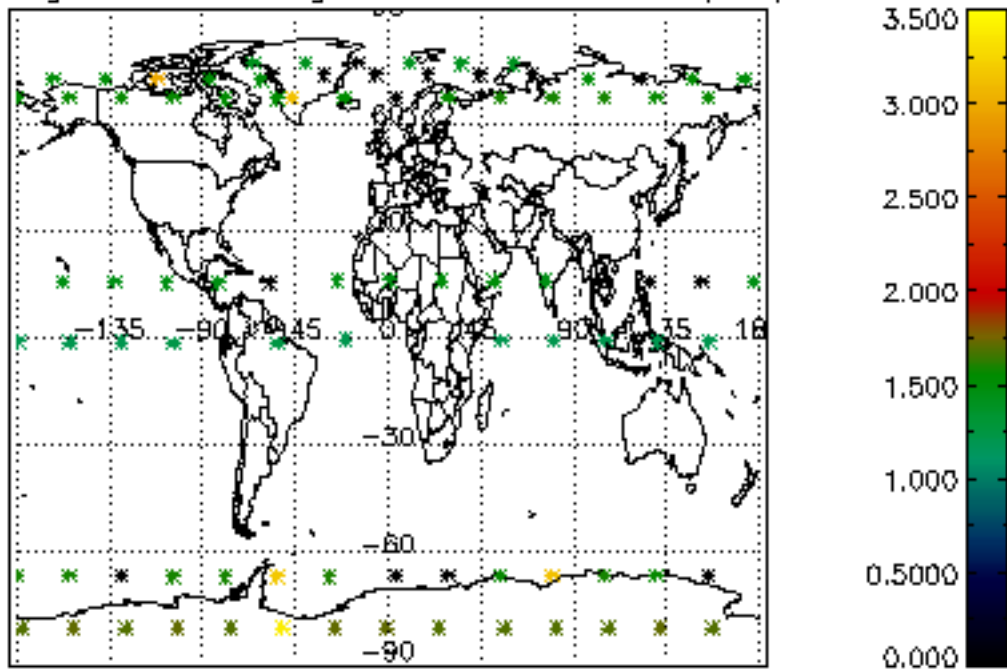
Percentage of cosmic ray hits per profile



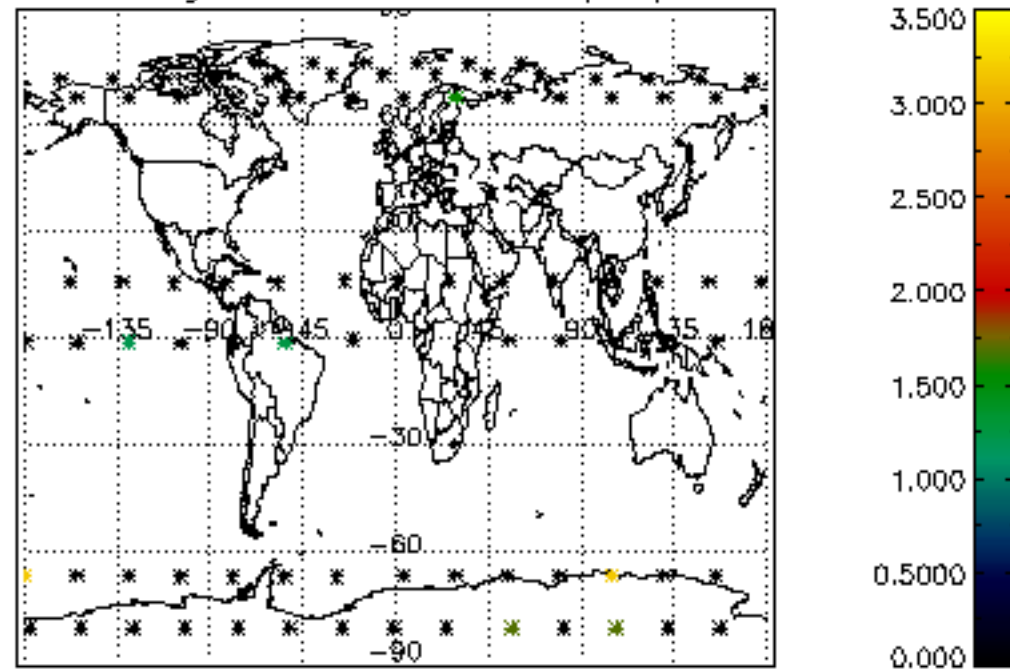
Percentage of datation errors per profile



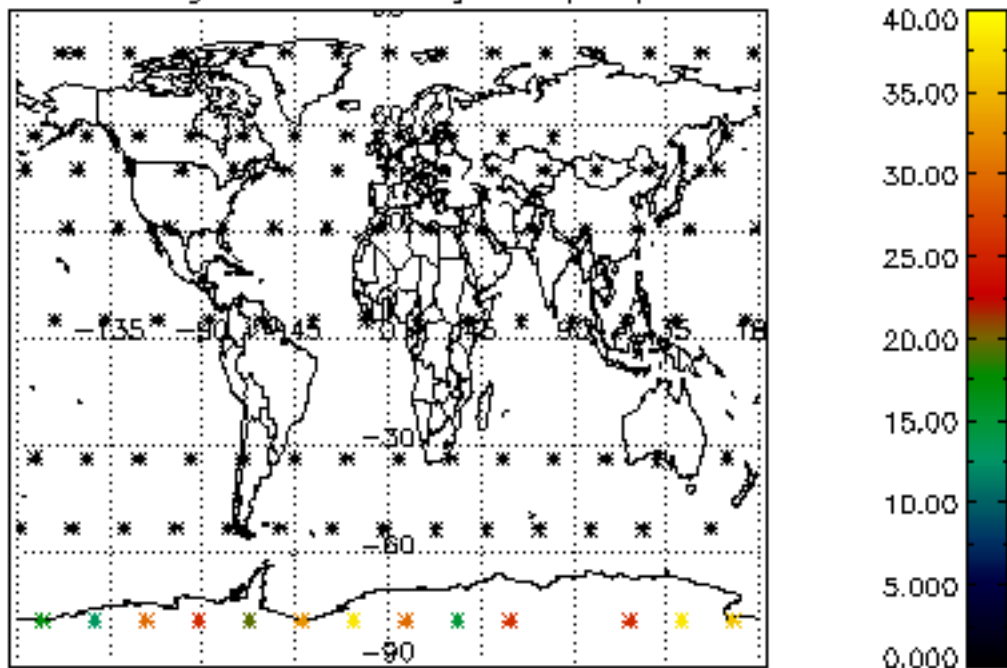
Percentage of star falling outside central band per profile



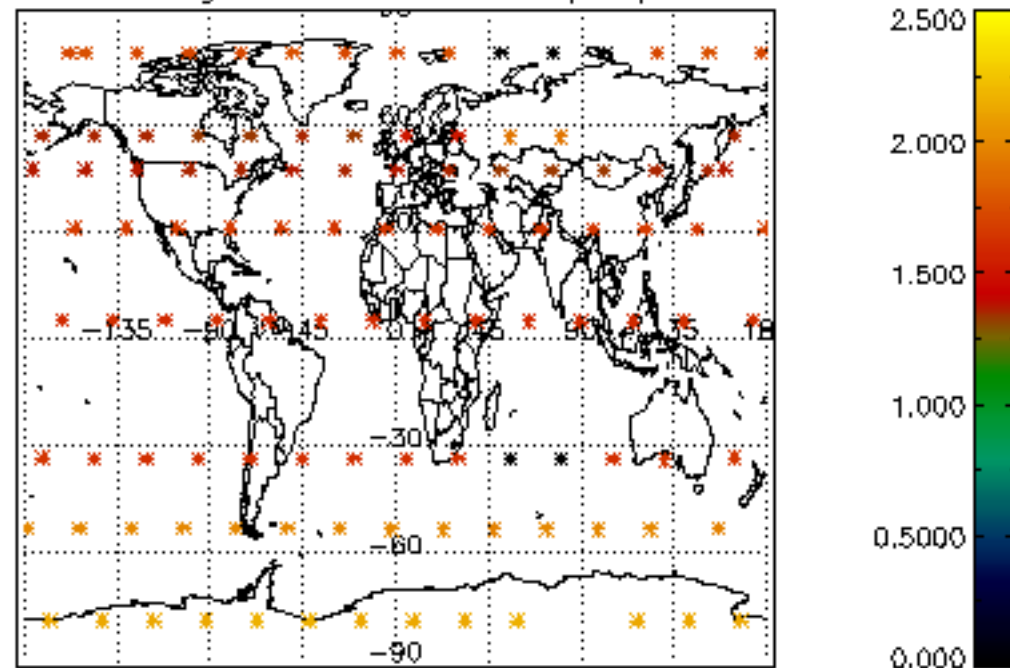
Percentage of saturation errors per profile



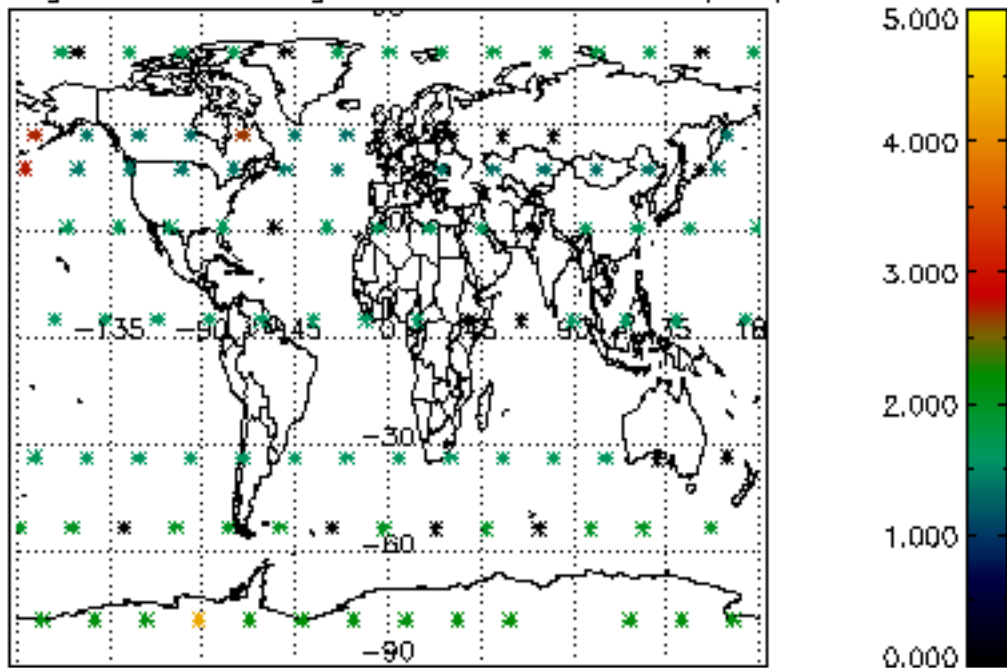
Percentage of cosmic ray hits per profile



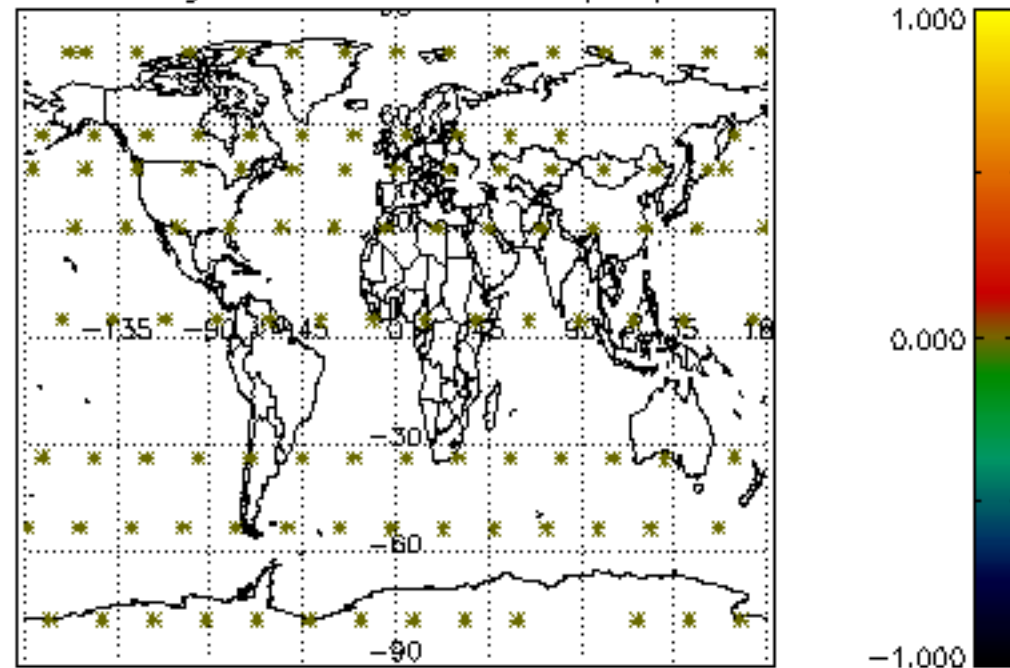
Percentage of datation errors per profile

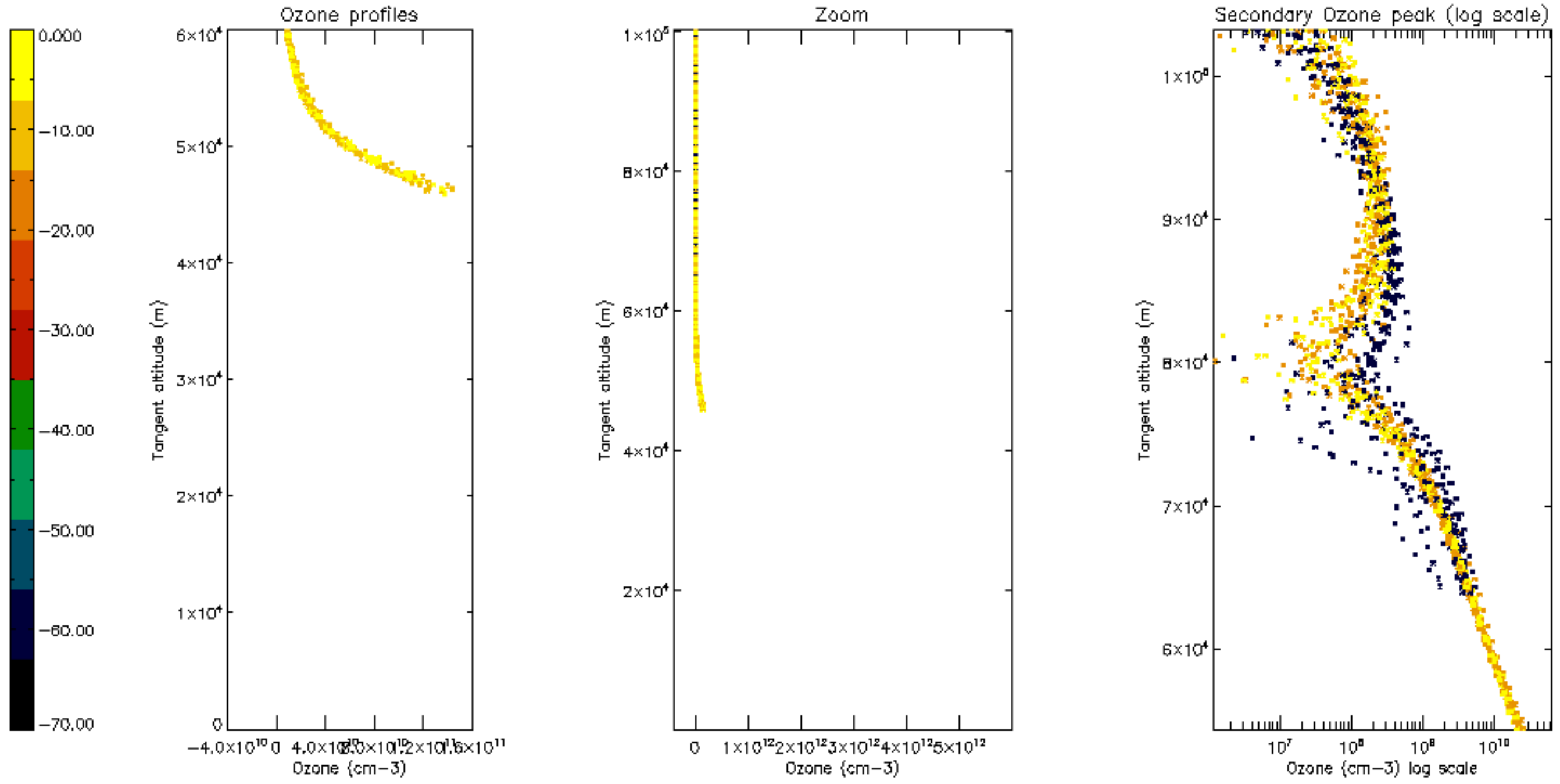


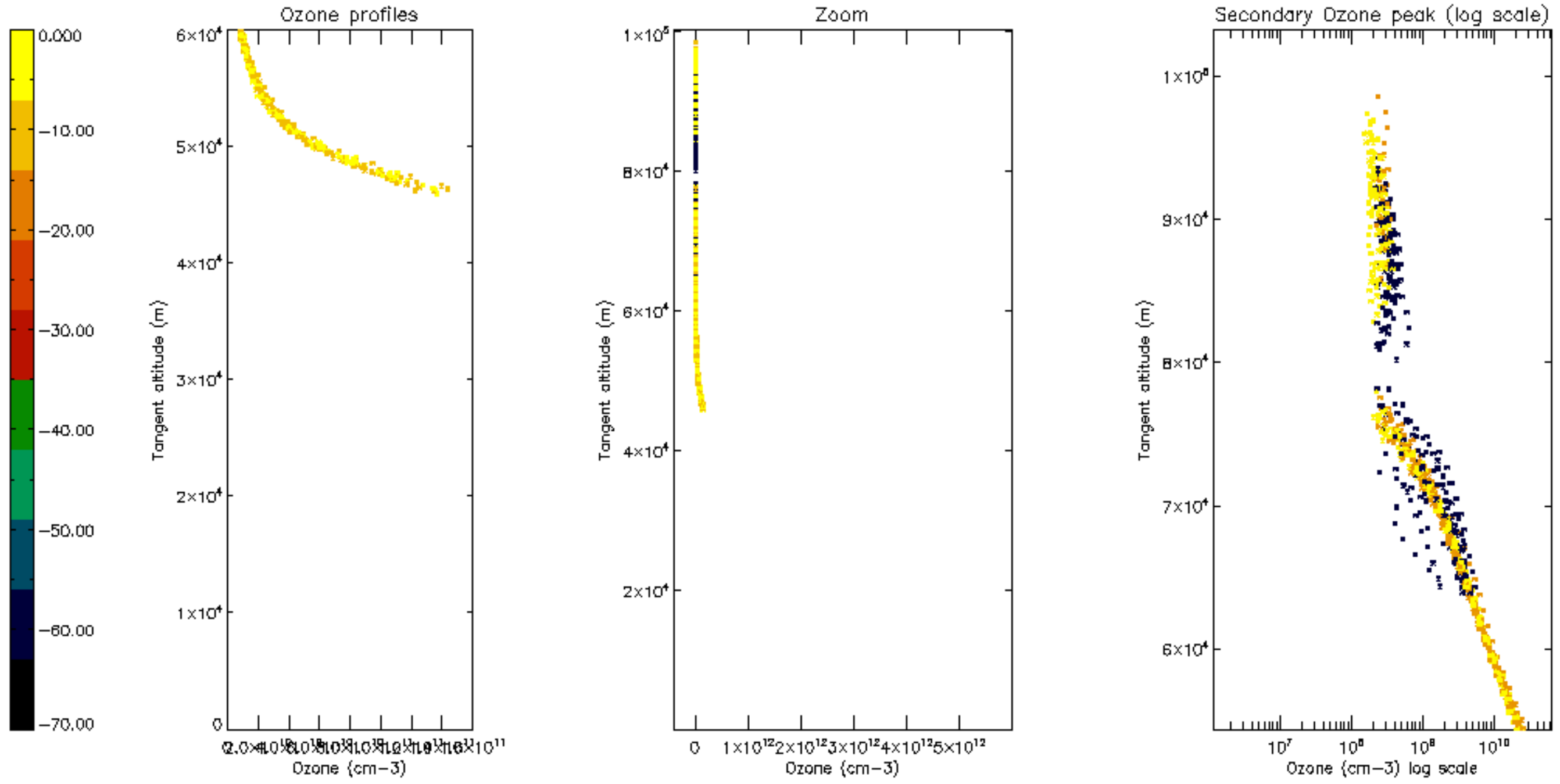
Percentage of star falling outside central band per profile



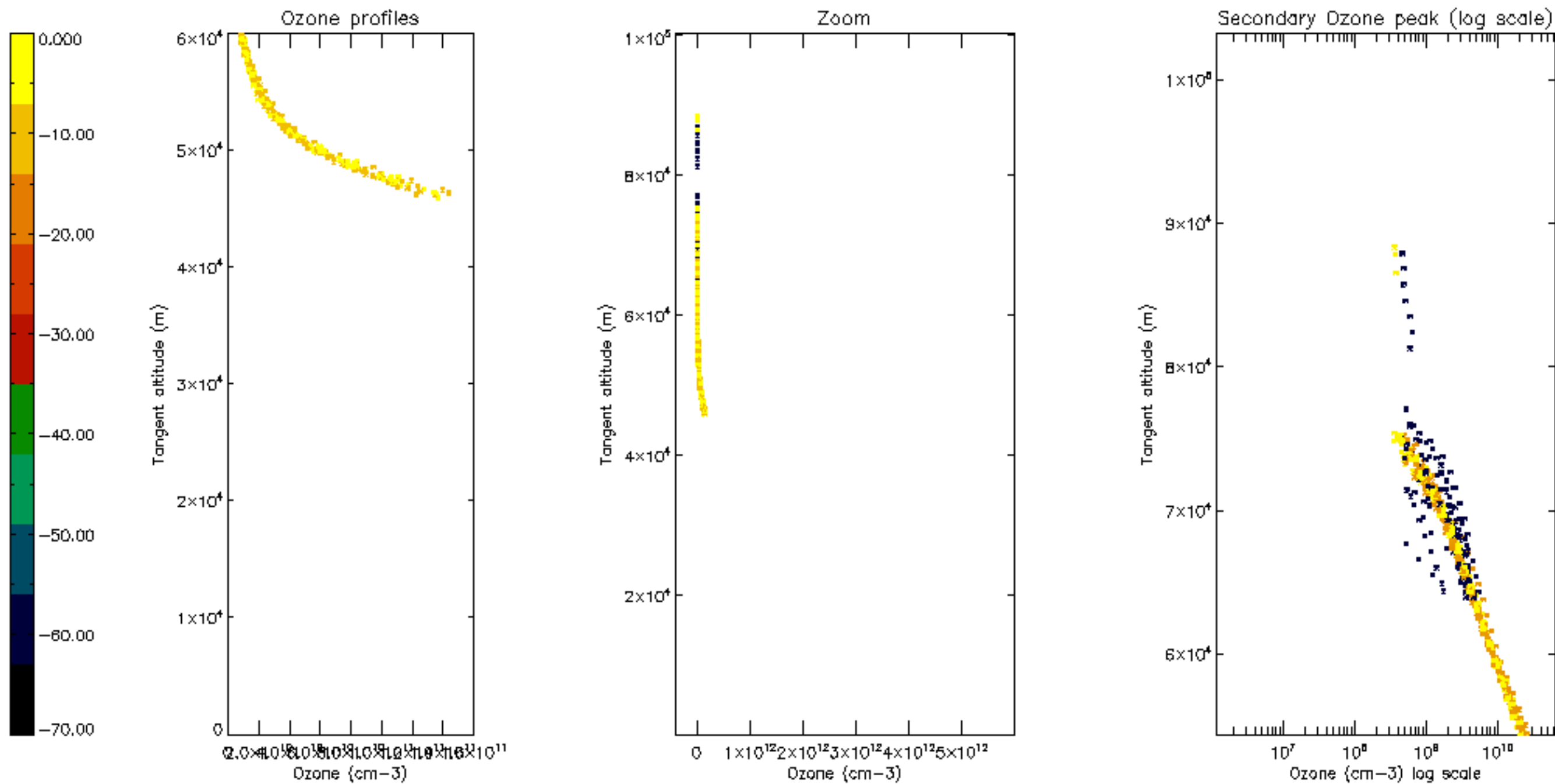
Percentage of saturation errors per profile

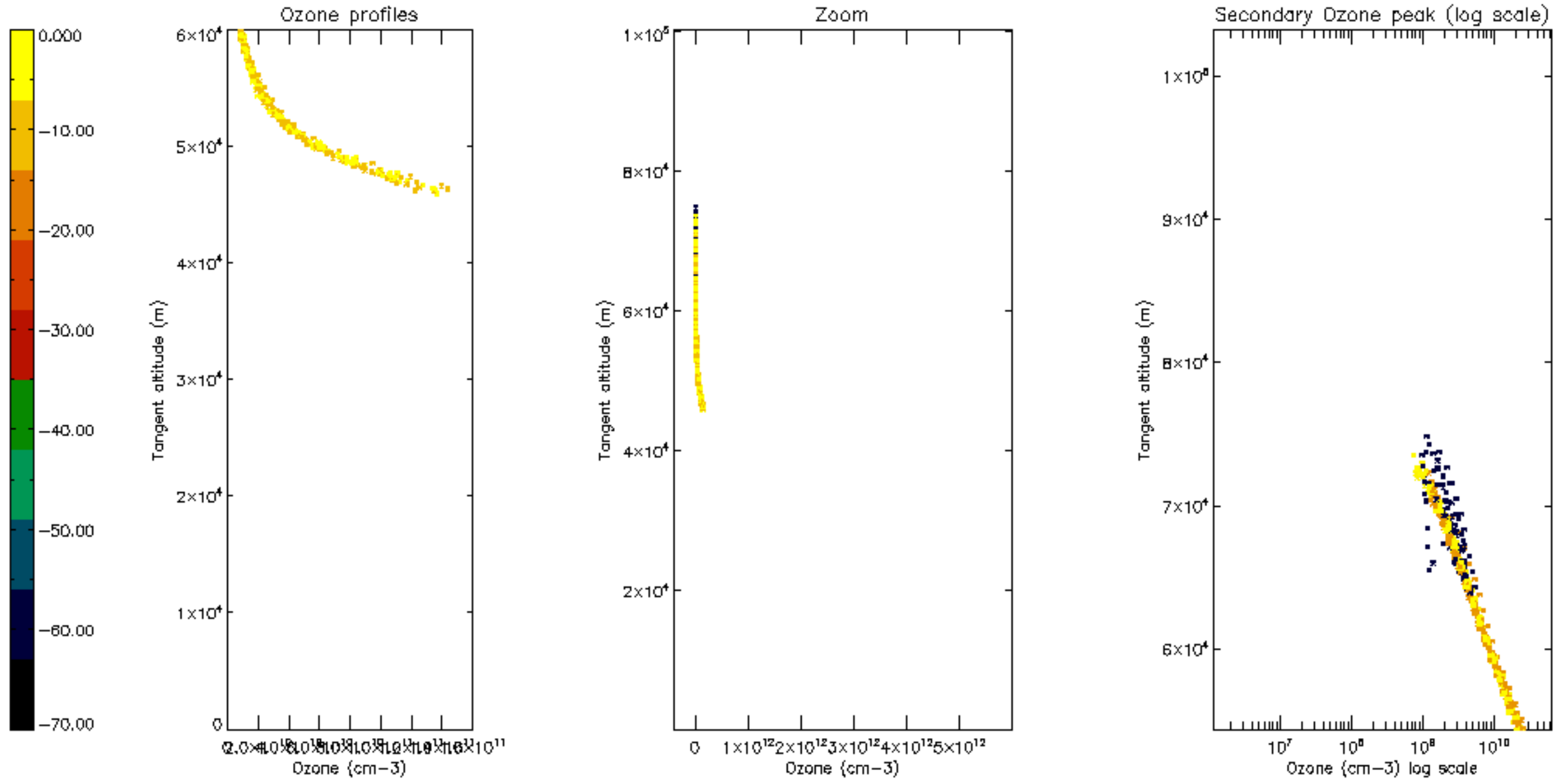


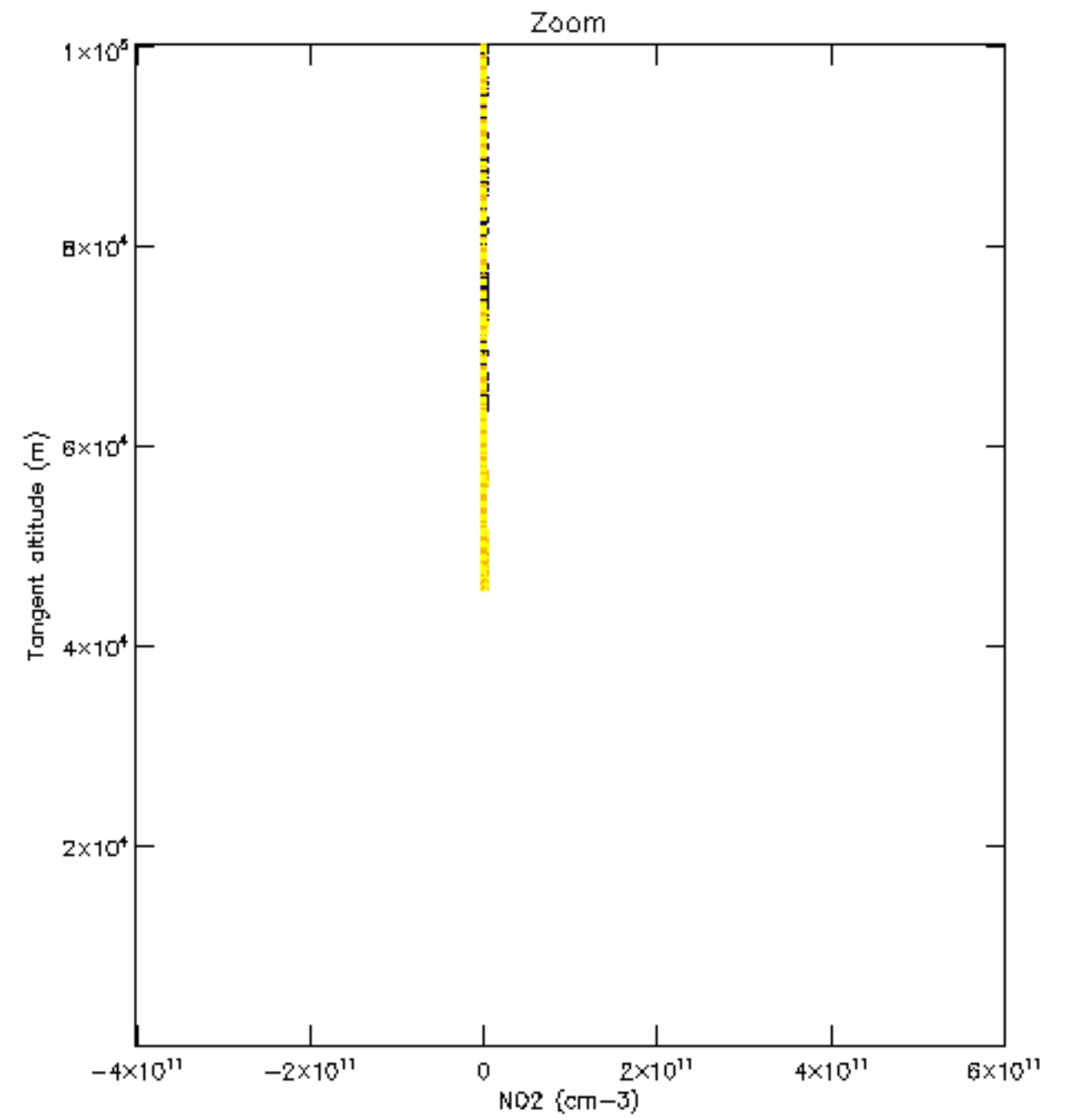
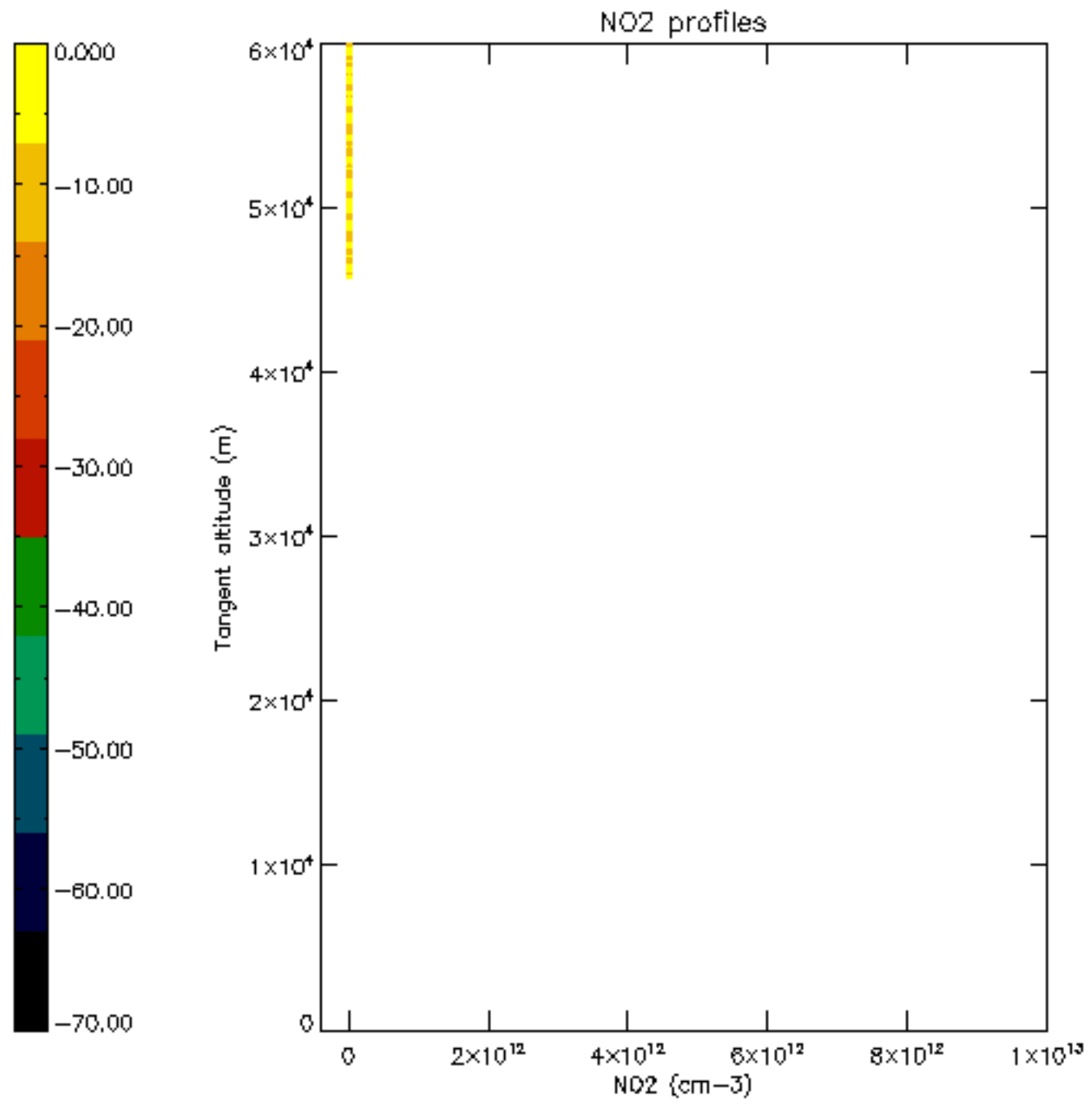


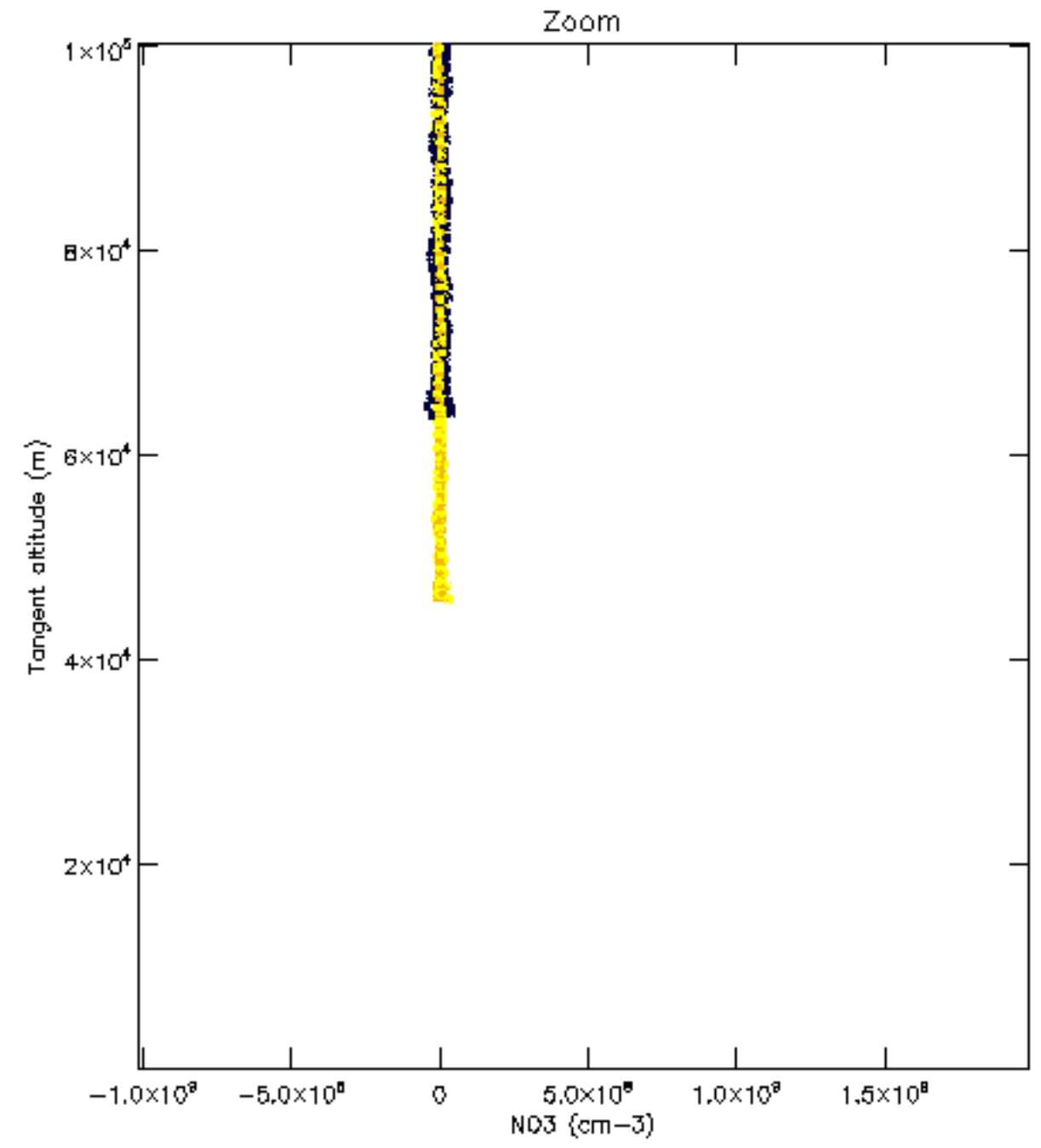
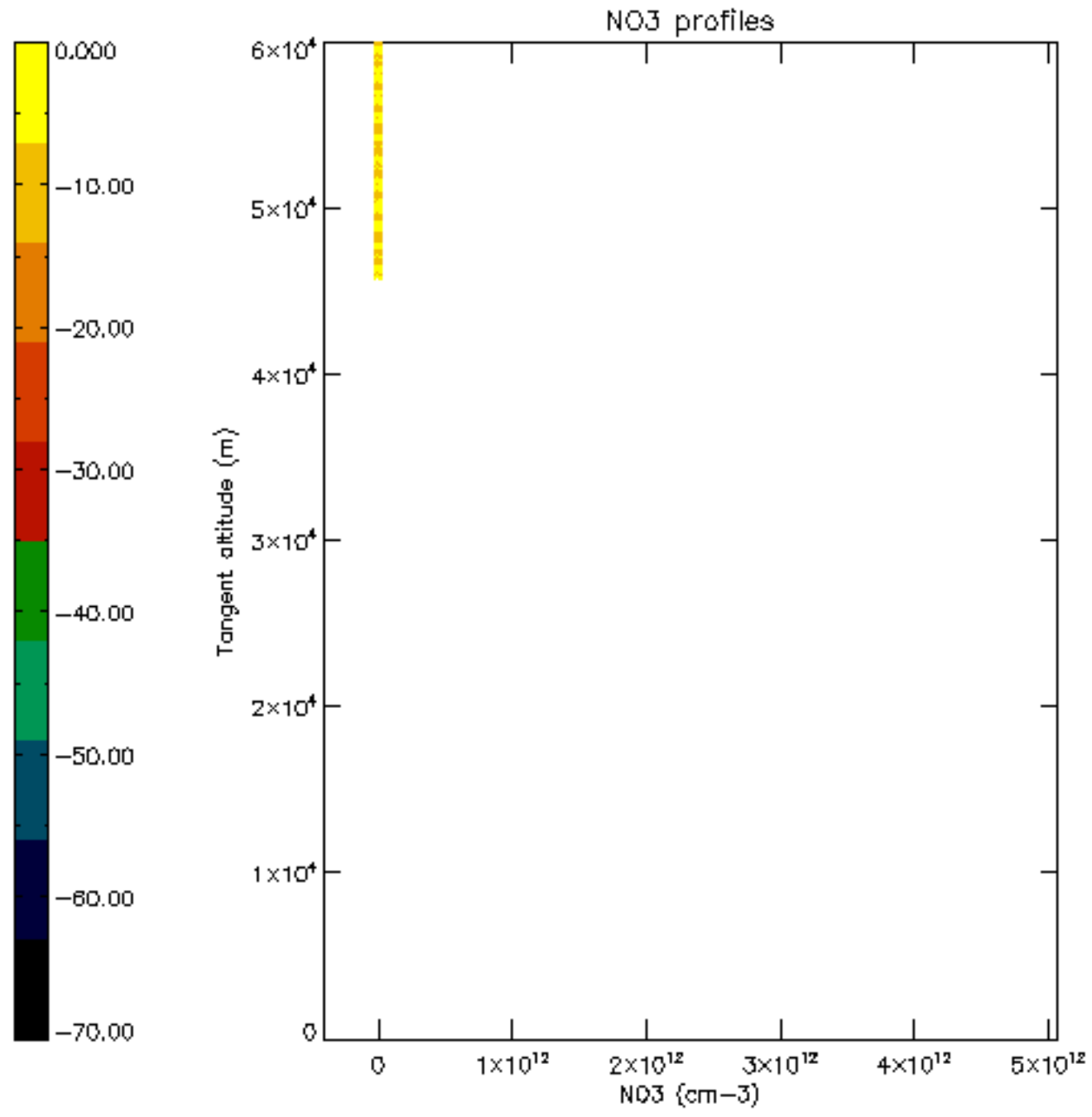




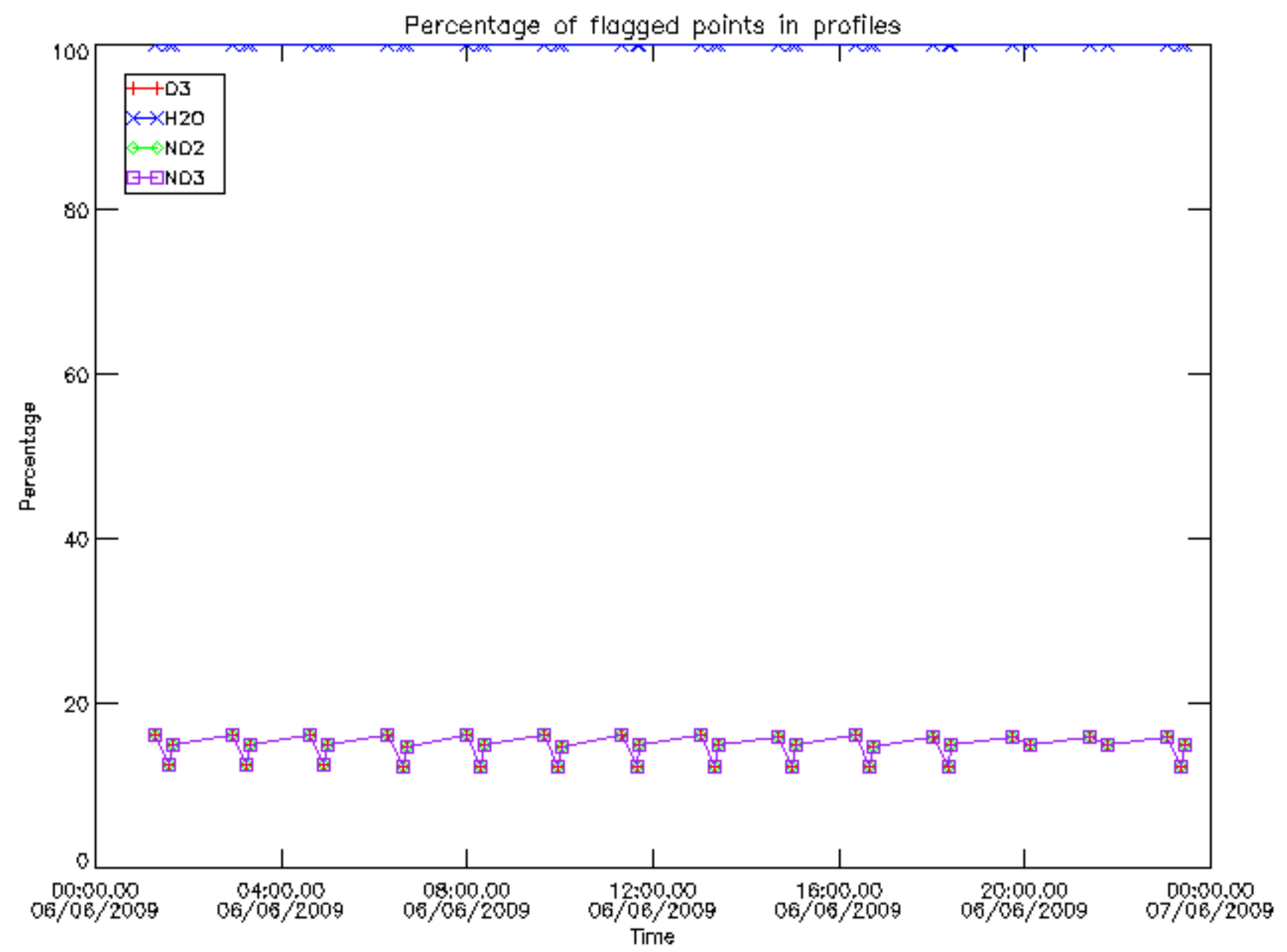




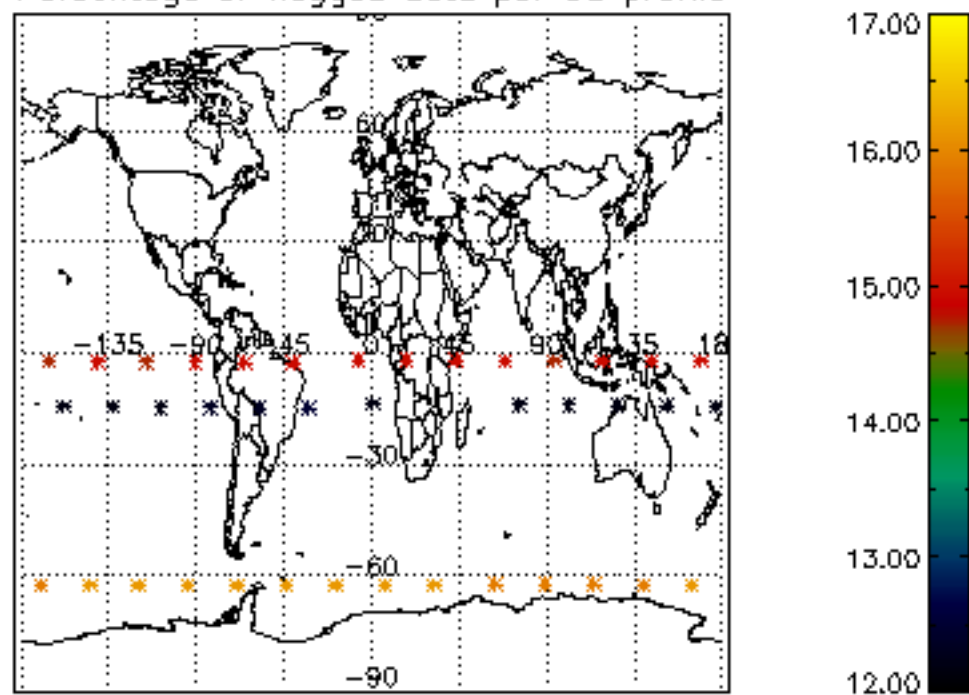




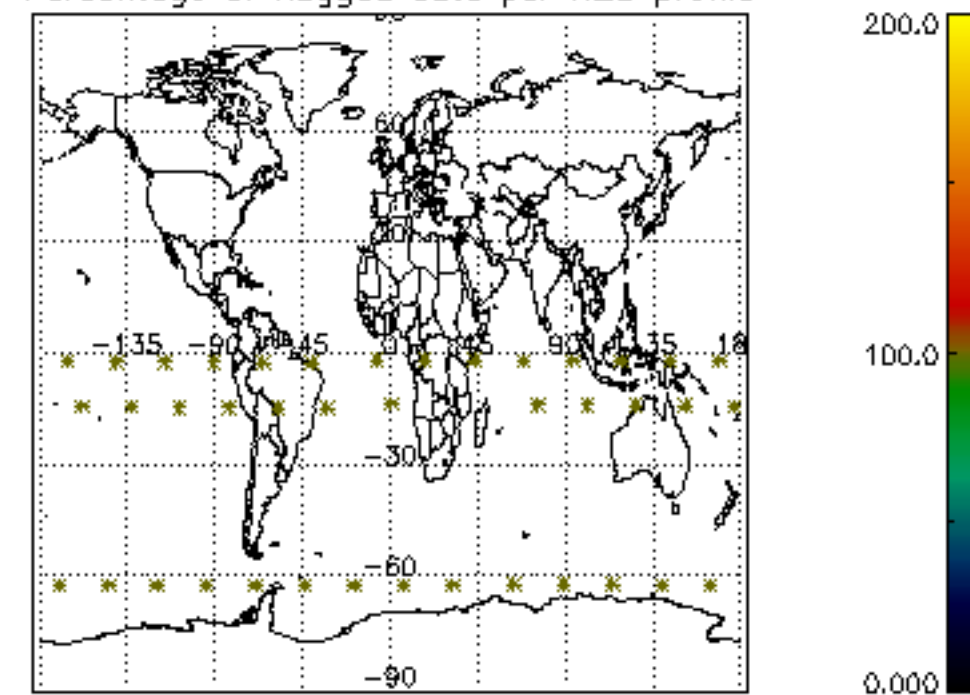




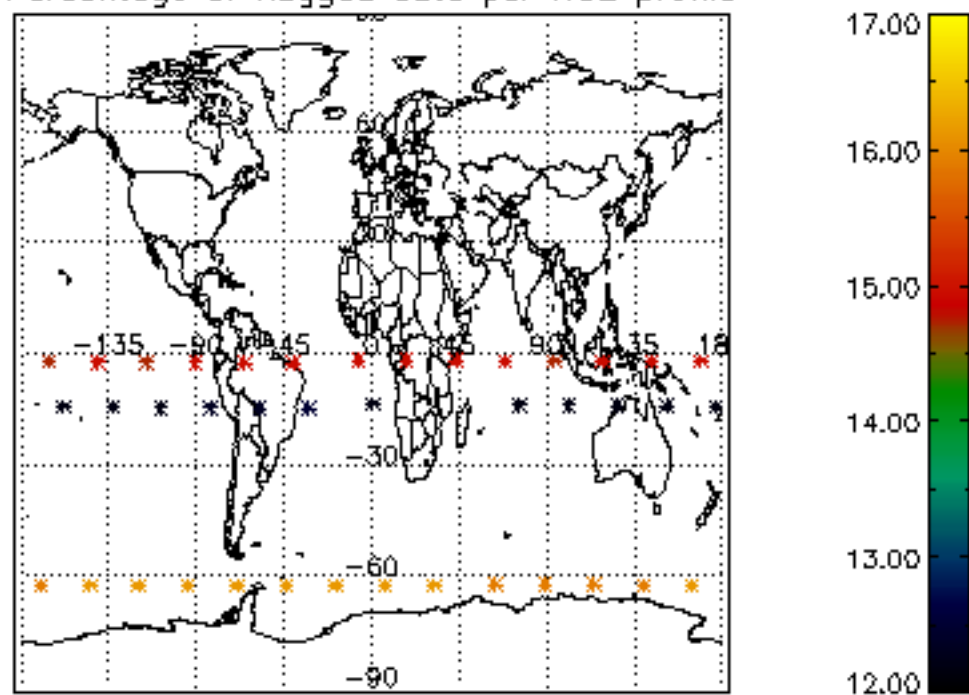
Percentage of flagged data per D3 profile



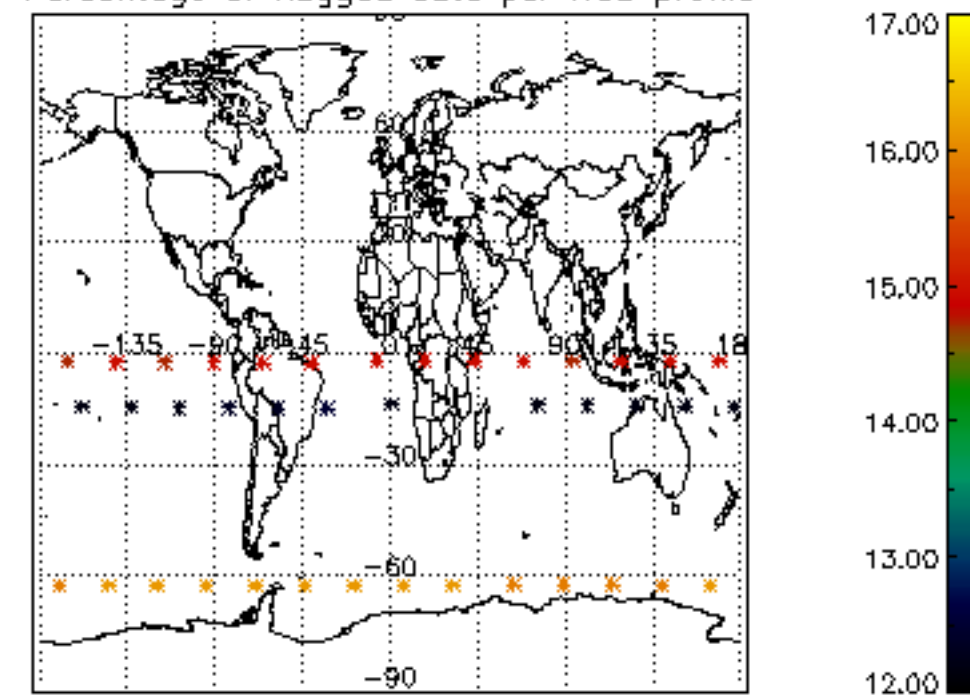
Percentage of flagged data per H2O profile

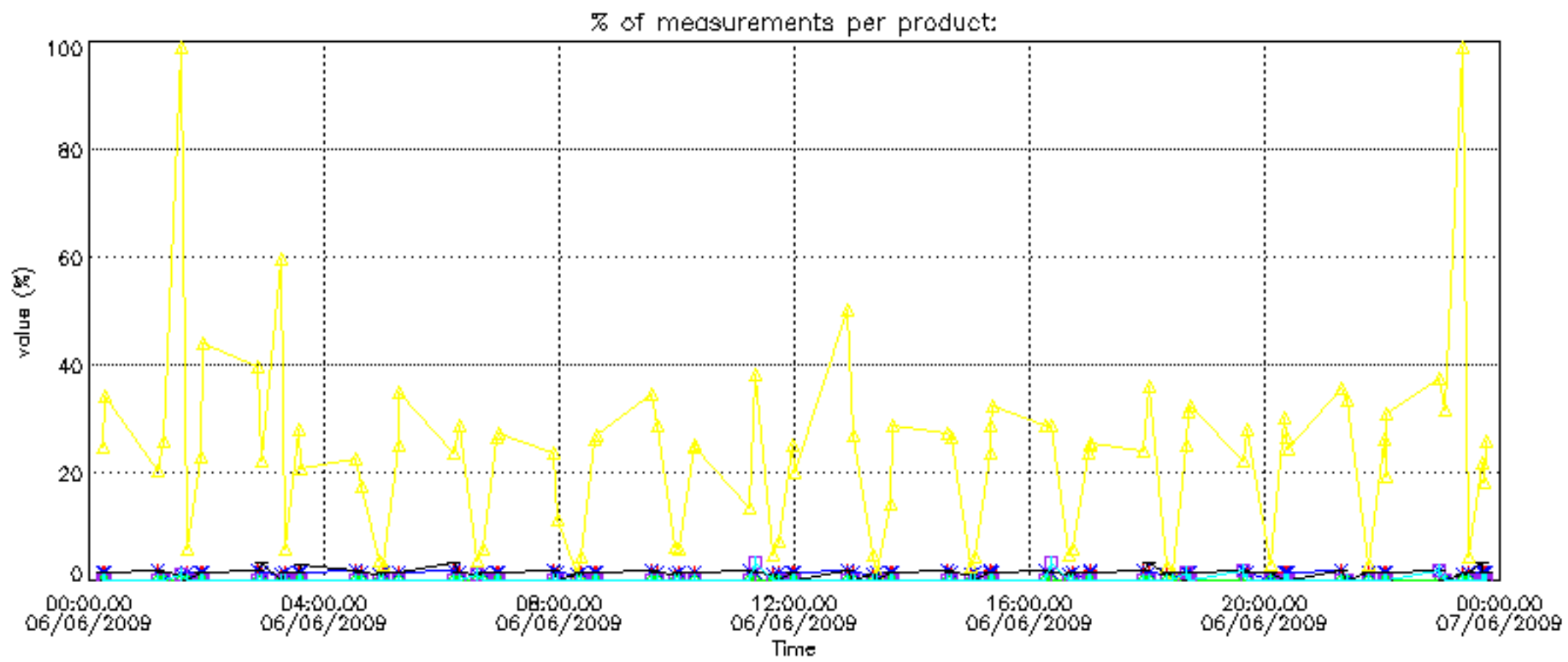


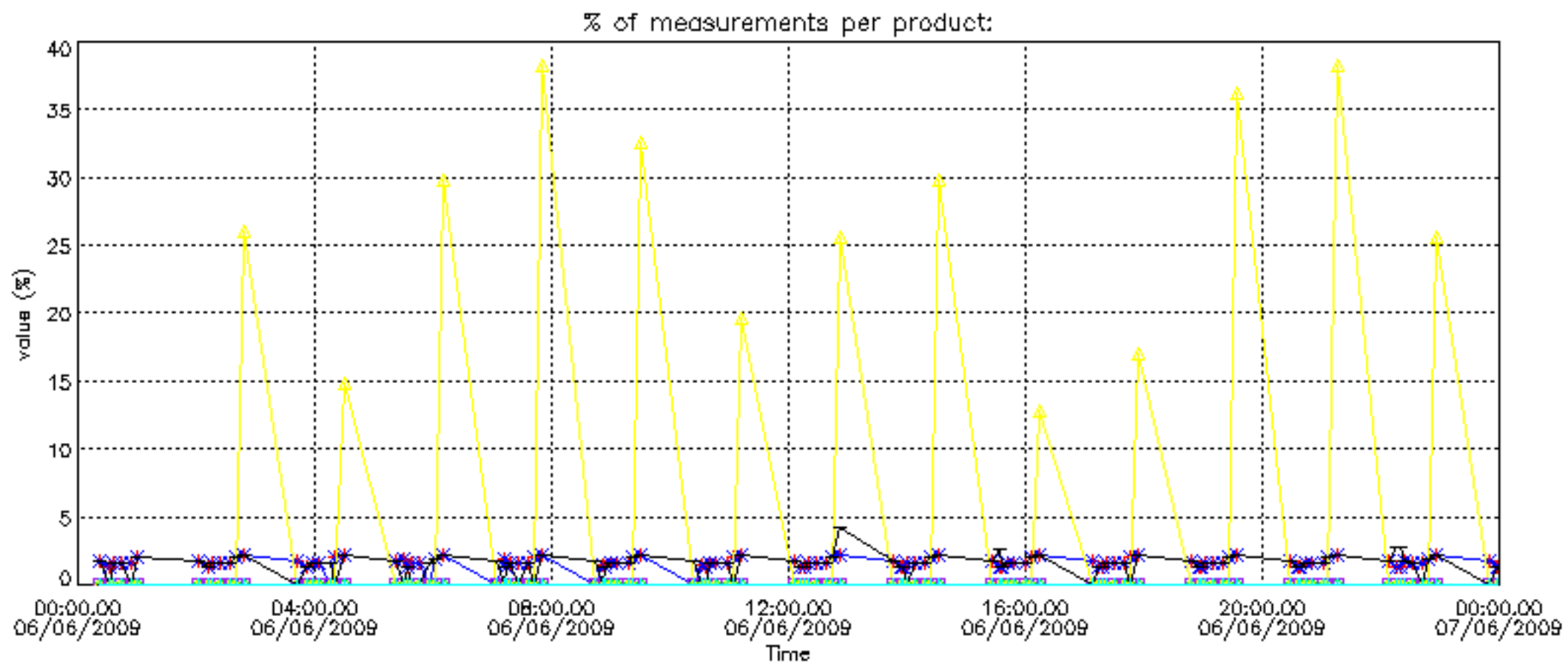
Percentage of flagged data per NO2 profile



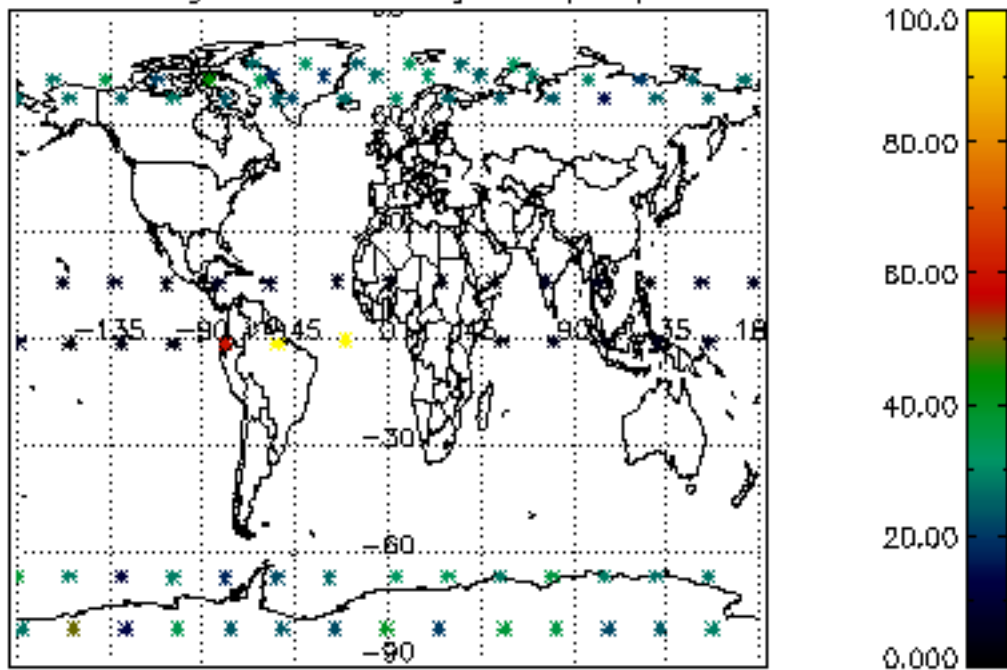
Percentage of flagged data per NO3 profile



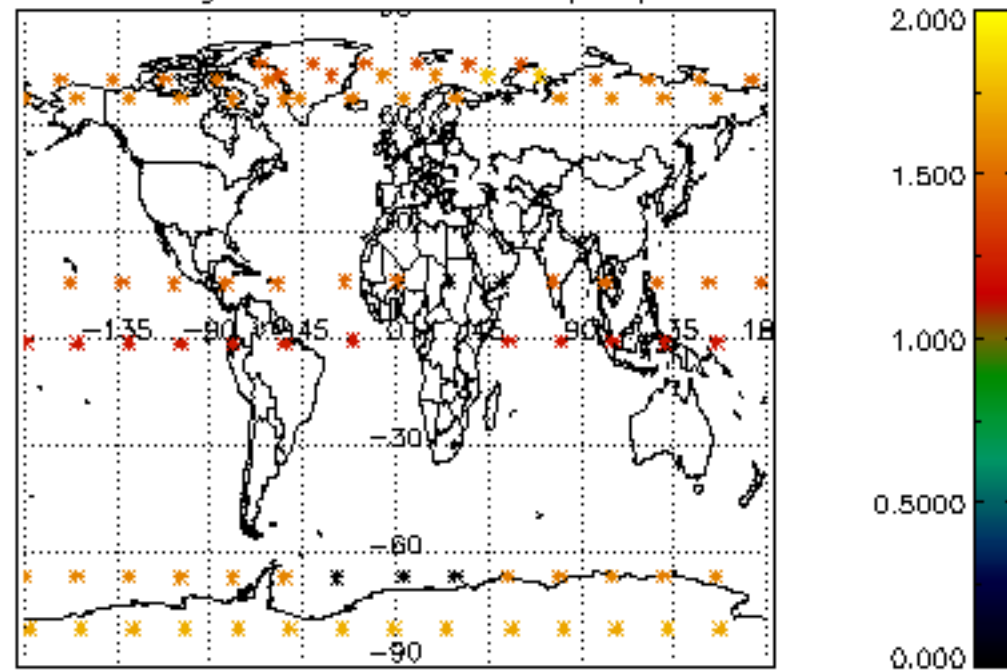




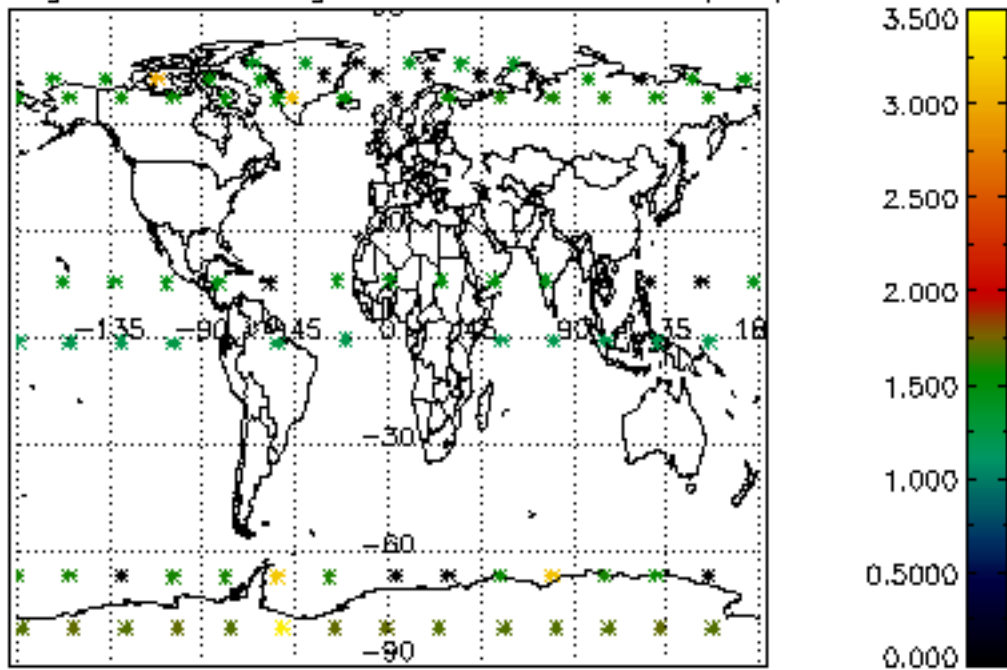
Percentage of cosmic ray hits per profile



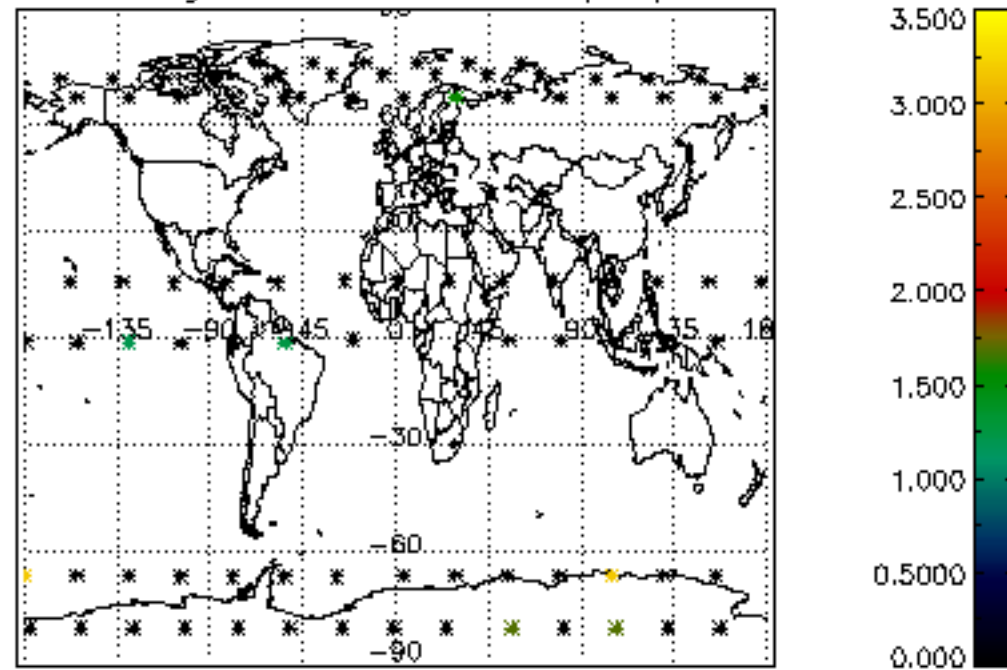
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

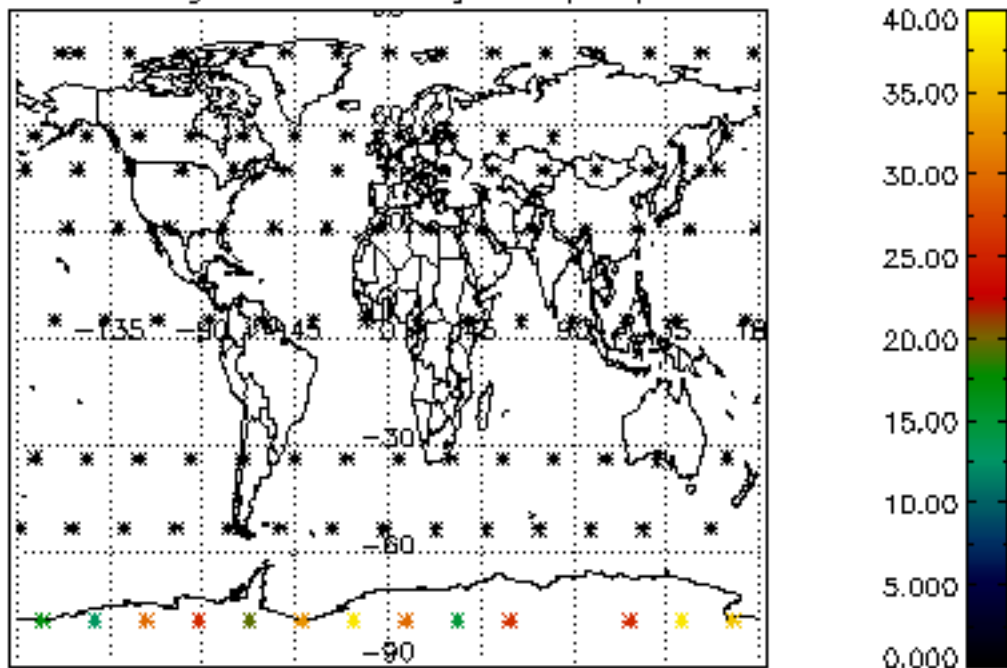


Percentage of saturation errors per profile

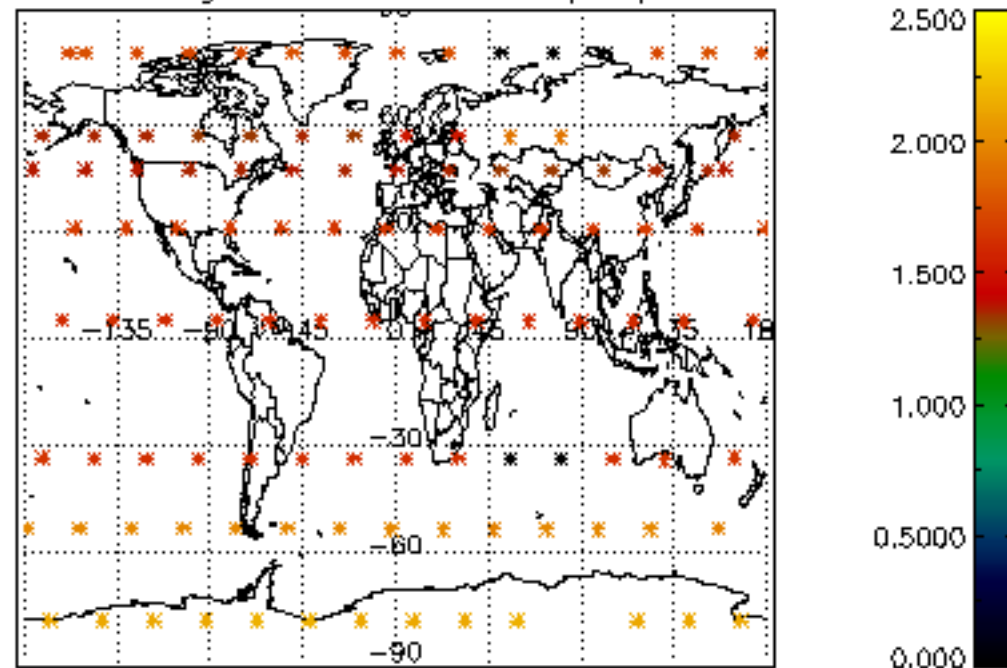




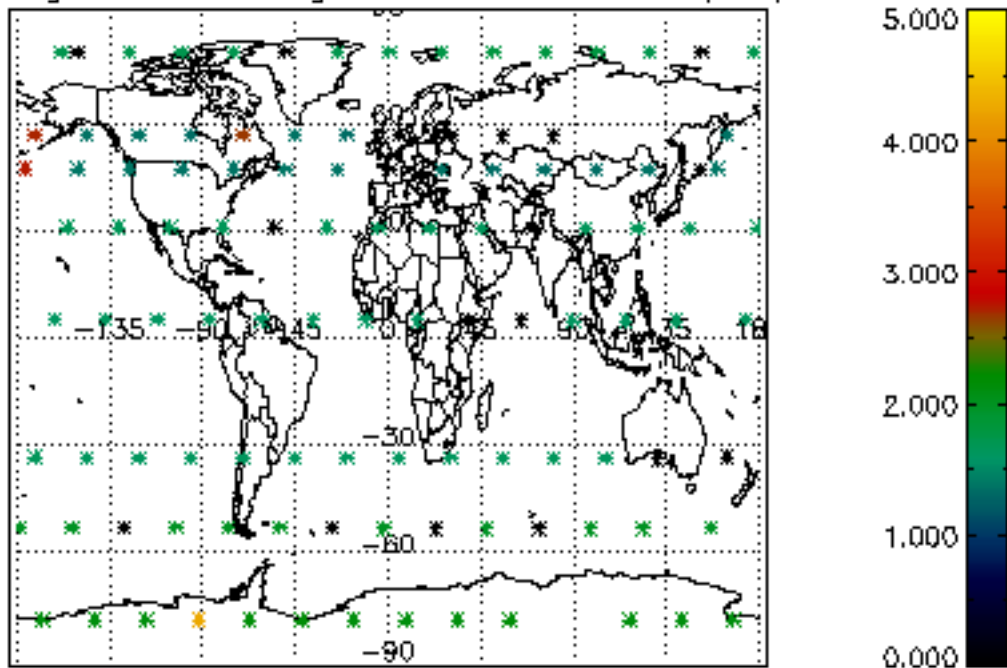
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

