

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 09:30:30
Data source version	GOMOS/6.01
Start time of products	15-05-2009 (15MAY2009 00:00:00)
Stop time of products	16-05-2009 (16MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	174
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__2PRFIN20090515_000110_00000592079_00045_37674_5068.N1	15-MAY-2009 00:01:10	Straylight	59.000	38	20Eps Sgr	1.8360	11000.	118	37674	No
2	GOM_NL__2PRFIN20090515_000244_00000542079_00045_37674_5069.N1	15-MAY-2009 00:02:44	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	37674	No
3	GOM_NL__2PRFIN20090515_000507_00000532079_00045_37674_5070.N1	15-MAY-2009 00:05:07	Twilight_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	37674	No
4	GOM_NL__2PRFIN20090515_000815_00000652079_00045_37674_5071.N1	15-MAY-2009 00:08:15	Twilight_stray	65.000	16	21Alp Sco	1.0200	3000.0	130	37674	No
5	GOM_NL__2PRFIN20090515_001054_00000482079_00045_37674_5072.N1	15-MAY-2009 00:10:54	Bright	48.000	97	8Bet1Sco	2.5610	30000.	96	37674	No
6	GOM_NL__2PRFIN20090515_001648_00000502079_00045_37674_5073.N1	15-MAY-2009 00:16:48	Bright	50.000	120	1Del Oph	2.7340	3200.0	100	37674	No
7	GOM_NL__2PRFIN20090515_002000_00000442079_00045_37674_5074.N1	15-MAY-2009 00:20:00	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37674	No
8	GOM_NL__2PRFIN20090515_002627_00000442079_00045_37674_5075.N1	15-MAY-2009 00:26:27	Bright	44.000	67	5Alp CrB	2.2210	11000.	88	37674	No
9	GOM_NL__2PRFIN20090515_003727_00000432079_00045_37674_5076.N1	15-MAY-2009 00:37:27	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37674	No
10	GOM_NL__2PRFIN20090515_004823_00000422079_00045_37674_5077.N1	15-MAY-2009 00:48:23	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	37674	No
11	GOM_NL__2PRFIN20090515_010205_00000632079_00045_37674_5078.N1	15-MAY-2009 01:02:05	Twilight_stray	63.000	93	53Bet Peg	2.5200	3100.0	126	37674	No
12	GOM_NL__2PRFIN20090515_010644_00000552079_00045_37674_5079.N1	15-MAY-2009 01:06:44	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37674	No
13	GOM_NL__2PRFIN20090515_012524_00000452079_00045_37674_5080.N1	15-MAY-2009 01:25:24	Dark	45.000	172	Gam Gru	3.0030	13100.	90	37674	No
14	GOM_NL__2PRFIN20090515_014147_00000592079_00046_37675_5082.N1	15-MAY-2009 01:41:47	Straylight	59.000	38	20Eps Sgr	1.8360	11000.	118	37675	No
15	GOM_NL__2PRFIN20090515_014320_00000552079_00046_37675_5083.N1	15-MAY-2009 01:43:20	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	37675	No
16	GOM_NL__2PRFIN20090515_014543_00000542079_00046_37675_5084.N1	15-MAY-2009 01:45:43	Twilight_stray	53.500	75	26Eps Sco	2.2910	4250.0	107	37675	No
17	GOM_NL__2PRFIN20090515_014851_00000632079_00046_37675_5085.N1	15-MAY-2009 01:48:51	Twilight_stray	62.500	16	21Alp Sco	1.0200	3000.0	125	37675	No
18	GOM_NL__2PRFIN20090515_015130_00000452079_00046_37675_5086.N1	15-MAY-2009 01:51:30	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37675	No
19	GOM_NL__2PRFIN20090515_015724_00000522079_00046_37675_5087.N1	15-MAY-2009 01:57:24	Bright	51.500	120	1Del Oph	2.7340	3200.0	103	37675	No
20	GOM_NL__2PRFIN20090515_020036_00000452079_00046_37675_5088.N1	15-MAY-2009 02:00:36	Bright	44.500	102	24Alp Ser	2.6000	4250.0	89	37675	No
21	GOM_NL__2PRFIN20090515_020703_00000442079_00046_37675_5089.N1	15-MAY-2009 02:07:03	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37675	No
22	GOM_NL__2PRFIN20090515_021803_00000422079_00046_37675_5090.N1	15-MAY-2009 02:18:03	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37675	No
23	GOM_NL__2PRFIN20090515_022859_00000442079_00046_37675_5091.N1	15-MAY-2009 02:28:59	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37675	No
24	GOM_NL__2PRFIN20090515_024241_00000642079_00046_37675_5092.N1	15-MAY-2009 02:42:41	Twilight_stray	63.500	93	53Bet Peg	2.5200	3100.0	127	37675	No
25	GOM_NL__2PRFIN20090515_024721_00000532079_00046_37675_5093.N1	15-MAY-2009 02:47:21	Dark	53.000	90	54Alp Peg	2.4870	11000.	106	37675	No
26	GOM_NL__2PRFIN20090515_030601_00000452079_00046_37675_5094.N1	15-MAY-2009 03:06:01	Dark	44.500	172	Gam Gru	3.0030	13100.	89	37675	No
27	GOM_NL__2PRFIN20090515_032224_00000612079_00047_37676_5098.N1	15-MAY-2009 03:22:24	Straylight	61.000	38	20Eps Sgr	1.8360	11000.	122	37676	No
28	GOM_NL__2PRFIN20090515_032357_00000532079_00047_37676_5099.N1	15-MAY-2009 03:23:57	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	37676	No
29	GOM_NL__2PRFIN20090515_032620_00000492079_00047_37676_5100.N1	15-MAY-2009 03:26:20	Twilight_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	37676	No
30	GOM_NL__2PRFIN20090515_032928_00000562079_00047_37676_5101.N1	15-MAY-2009 03:29:28	Twilight_stray	55.500	16	21Alp Sco	1.0200	3000.0	111	37676	No
31	GOM_NL__2PRFIN20090515_033206_00000462079_00047_37676_5102.N1	15-MAY-2009 03:32:06	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37676	No
32	GOM_NL__2PRFIN20090515_033800_00000542079_00047_37676_5103.N1	15-MAY-2009 03:38:00	Bright	53.500	120	1Del Oph	2.7340	3200.0	107	37676	No
33	GOM_NL__2PRFIN20090515_034111_00000442079_00047_37676_5104.N1	15-MAY-2009 03:41:11	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37676	No
34	GOM_NL__2PRFIN20090515_034738_00000442079_00047_37676_5105.N1	15-MAY-2009 03:47:38	Bright	44.000	67	5Alp CrB	2.2210	11000.	88	37676	No
35	GOM_NL__2PRFIN20090515_035838_00000422079_00047_37676_5106.N1	15-MAY-2009 03:58:38	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37676	No
36	GOM_NL__2PRFIN20090515_040934_00000652079_00047_37676_5107.N1	15-MAY-2009 04:09:34	Bright	65.000	89	5Alp Cep	2.4510	8000.0	130	37676	No
37	GOM_NL__2PRFIN20090515_042318_00000652079_00047_37676_5108.N1	15-MAY-2009 04:23:18	Twilight_stray	64.500	93	53Bet Peg	2.5200	3100.0	129	37676	No
38	GOM_NL__2PRFIN20090515_042757_00000552079_00047_37676_5109.N1	15-MAY-2009 04:27:57	Dark	54.500	90	54Alp Peg	2.4870	11000.	109	37676	No
39	GOM_NL__2PRFIN20090515_044638_00000462079_00047_37676_5110.N1	15-MAY-2009 04:46:38	Dark	45.500	172	Gam Gru	3.0030	13100.	91	37676	No
40	GOM_NL__2PRFIN20090515_050301_00000612079_00048_37677_5109.N1	15-MAY-2009 05:03:01	Straylight	61.000	38	20Eps Sgr	1.8360	11000.	122	37677	No
41	GOM_NL__2PRFIN20090515_050434_00000532079_00048_37677_5110.N1	15-MAY-2009 05:04:34	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	37677	No
42	GOM_NL__2PRFIN20090515_050656_00000502079_00048_37677_5111.N1	15-MAY-2009 05:06:56	Twilight_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	37677	No

43	GOM_NL__2PRFIN20090515_051004_000000612079_00048_37677_5112.N1	15-MAY-2009 05:10:04	Twilight	60.500	16	21Alp Sco	1.0200	3000.0	121	37677	No
44	GOM_NL__2PRFIN20090515_051242_000000462079_00048_37677_5113.N1	15-MAY-2009 05:12:42	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37677	No
45	GOM_NL__2PRFIN20090515_051836_000000502079_00048_37677_5114.N1	15-MAY-2009 05:18:36	Bright	50.000	120	1Del Oph	2.7340	3200.0	100	37677	No
46	GOM_NL__2PRFIN20090515_052147_000000452079_00048_37677_5115.N1	15-MAY-2009 05:21:47	Bright	44.500	102	24Alp Ser	2.6000	4250.0	89	37677	No
47	GOM_NL__2PRFIN20090515_052814_000000442079_00048_37677_5116.N1	15-MAY-2009 05:28:14	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37677	No
48	GOM_NL__2PRFIN20090515_053914_000000412079_00048_37677_5117.N1	15-MAY-2009 05:39:14	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37677	No
49	GOM_NL__2PRFIN20090515_055010_000000432079_00048_37677_5118.N1	15-MAY-2009 05:50:10	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37677	No
50	GOM_NL__2PRFIN20090515_060354_000000622079_00048_37677_5119.N1	15-MAY-2009 06:03:54	Twilight	61.500	93	53Bet Peg	2.5200	3100.0	123	37677	No
51	GOM_NL__2PRFIN20090515_060834_000000542079_00048_37677_5120.N1	15-MAY-2009 06:08:34	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	37677	No
52	GOM_NL__2PRFIN20090515_062715_000000462079_00048_37677_5121.N1	15-MAY-2009 06:27:15	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37677	No
53	GOM_NL__2PRFIN20090515_064338_000000632079_00049_37678_5123.N1	15-MAY-2009 06:43:38	Straylight	63.000	38	20Eps Sgr	1.8360	11000.	126	37678	No
54	GOM_NL__2PRFIN20090515_064510_000000562079_00049_37678_5124.N1	15-MAY-2009 06:45:10	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	37678	No
55	GOM_NL__2PRFIN20090515_064733_000000542079_00049_37678_5125.N1	15-MAY-2009 06:47:33	Twilight	53.500	75	26Eps Sco	2.2910	4250.0	107	37678	No
56	GOM_NL__2PRFIN20090515_065040_000000602079_00049_37678_5126.N1	15-MAY-2009 06:50:40	Twilight	60.000	16	21Alp Sco	1.0200	3000.0	120	37678	No
57	GOM_NL__2PRFIN20090515_065318_000000482079_00049_37678_5127.N1	15-MAY-2009 06:53:18	Bright	47.500	97	8Bet1Sco	2.5610	30000.	95	37678	No
58	GOM_NL__2PRFIN20090515_065911_000000502079_00049_37678_5128.N1	15-MAY-2009 06:59:11	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	37678	No
59	GOM_NL__2PRFIN20090515_070223_000000442079_00049_37678_5129.N1	15-MAY-2009 07:02:23	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37678	No
60	GOM_NL__2PRFIN20090515_070849_000000422079_00049_37678_5130.N1	15-MAY-2009 07:08:49	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	37678	No
61	GOM_NL__2PRFIN20090515_071949_000000422079_00049_37678_5131.N1	15-MAY-2009 07:19:49	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37678	No
62	GOM_NL__2PRFIN20090515_073045_000000652079_00049_37678_5132.N1	15-MAY-2009 07:30:45	Bright	65.000	89	5Alp Cep	2.4510	8000.0	130	37678	No
63	GOM_NL__2PRFIN20090515_074430_000000672079_00049_37678_5133.N1	15-MAY-2009 07:44:30	Twilight	66.500	93	53Bet Peg	2.5200	3100.0	133	37678	No
64	GOM_NL__2PRFIN20090515_074910_000000512079_00049_37678_5134.N1	15-MAY-2009 07:49:10	Dark	51.000	90	54Alp Peg	2.4870	11000.	102	37678	No
65	GOM_NL__2PRFIN20090515_080752_000000462079_00049_37678_5135.N1	15-MAY-2009 08:07:52	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37678	No
66	GOM_NL__2PRFIN20090515_100452_000000652079_00051_37680_5153.N1	15-MAY-2009 10:04:52	Straylight	65.000	38	20Eps Sgr	1.8360	11000.	130	37680	No
67	GOM_NL__2PRFIN20090515_100624_000000572079_00051_37680_5154.N1	15-MAY-2009 10:06:24	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	37680	No
68	GOM_NL__2PRFIN20090515_100846_000000522079_00051_37680_5155.N1	15-MAY-2009 10:08:46	Twilight	52.000	75	26Eps Sco	2.2910	4250.0	104	37680	No
69	GOM_NL__2PRFIN20090515_101153_000000572079_00051_37680_5156.N1	15-MAY-2009 10:11:53	Twilight	57.000	16	21Alp Sco	1.0200	3000.0	114	37680	No
70	GOM_NL__2PRFIN20090515_101430_000000452079_00051_37680_5157.N1	15-MAY-2009 10:14:30	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37680	No
71	GOM_NL__2PRFIN20090515_101751_000000302079_00051_37680_5158.N1	15-MAY-2009 10:17:51	Twilight	30.000	98	13Zet Oph	2.5710	30000.	60	37680	No
72	GOM_NL__2PRFIN20090515_102023_000000512079_00051_37680_5159.N1	15-MAY-2009 10:20:23	Bright	50.500	120	1Del Oph	2.7340	3200.0	101	37680	No
73	GOM_NL__2PRFIN20090515_102334_000000442079_00051_37680_5160.N1	15-MAY-2009 10:23:34	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37680	No
74	GOM_NL__2PRFIN20090515_103000_000000642079_00051_37680_5161.N1	15-MAY-2009 10:30:00	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	37680	No
75	GOM_NL__2PRFIN20090515_104100_000000422079_00051_37680_5162.N1	15-MAY-2009 10:41:00	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37680	No
76	GOM_NL__2PRFIN20090515_105156_000000462079_00051_37680_5163.N1	15-MAY-2009 10:51:56	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	37680	No
77	GOM_NL__2PRFIN20090515_110542_000000642079_00051_37680_5164.N1	15-MAY-2009 11:05:42	Twilight	63.500	93	53Bet Peg	2.5200	3100.0	127	37680	No
78	GOM_NL__2PRFIN20090515_111023_000000542079_00051_37680_5165.N1	15-MAY-2009 11:10:23	Dark	53.500	90	54Alp Peg	2.4870	11000.	107	37680	No
79	GOM_NL__2PRFIN20090515_112906_000000472079_00051_37680_5166.N1	15-MAY-2009 11:29:06	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37680	No
80	GOM_NL__2PRFIN20090515_114528_000000652079_00052_37681_5168.N1	15-MAY-2009 11:45:28	Straylight	65.000	38	20Eps Sgr	1.8360	11000.	130	37681	No
81	GOM_NL__2PRFIN20090515_114700_000000552079_00052_37681_5169.N1	15-MAY-2009 11:47:00	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	37681	No
82	GOM_NL__2PRFIN20090515_114922_000000512079_00052_37681_5170.N1	15-MAY-2009 11:49:22	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	37681	No
83	GOM_NL__2PRFIN20090515_115229_000000562079_00052_37681_5171.N1	15-MAY-2009 11:52:29	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	37681	No
84	GOM_NL__2PRFIN20090515_115506_000000462079_00052_37681_5172.N1	15-MAY-2009 11:55:06	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37681	No
85	GOM_NL__2PRFIN20090515_115827_000000302079_00052_37681_5173.N1	15-MAY-2009 11:58:27	Twilight	30.000	98	13Zet Oph	2.5710	30000.	60	37681	No
86	GOM_NL__2PRFIN20090515_120059_000000502079_00052_37681_5174.N1	15-MAY-2009 12:00:59	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	37681	No
87	GOM_NL__2PRFIN20090515_120409_000000442079_00052_37681_5175.N1	15-MAY-2009 12:04:09	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37681	No
88	GOM_NL__2PRFIN20090515_121036_000000432079_00052_37681_5176.N1	15-MAY-2009 12:10:36	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37681	No
89	GOM_NL__2PRFIN20090515_122136_000000422079_00052_37681_5177.N1	15-MAY-2009 12:21:36	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37681	No
90	GOM_NL__2PRFIN20090515_123232_000000472079_00052_37681_5178.N1	15-MAY-2009 12:32:32	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	37681	No
91	GOM_NL__2PRFIN20090515_124618_000000592079_00052_37681_5179.N1	15-MAY-2009 12:46:18	Twilight	59.000	93	53Bet Peg	2.5200	3100.0	118	37681	No
92	GOM_NL__2PRFIN20090515_125059_000000522079_00052_37681_5180.N1	15-MAY-2009 12:50:59	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	37681	No
93	GOM_NL__2PRFIN20090515_130942_000000462079_00052_37681_5181.N1	15-MAY-2009 13:09:42	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37681	No
94	GOM_NL__2PRFIN20090515_132605_000000662079_00053_37682_5182.N1	15-MAY-2009 13:26:05	Straylight	66.000	38	20Eps Sgr	1.8360	11000.	132	37682	No
95	GOM_NL__2PRFIN20090515_132737_000000532079_00053_37682_5183.N1	15-MAY-2009 13:27:37	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37682	No
96	GOM_NL__2PRFIN20090515_132958_000000542079_00053_37682_5184.N1	15-MAY-2009 13:29:58	Twilight	53.500	75	26Eps Sco	2.2910	4250.0	107	37682	No
97	GOM_NL__2PRFIN20090515_133305_000000592079_00053_37682_5185.N1	15-MAY-2009 13:33:05	Twilight	59.000	16	21Alp Sco	1.0200	3000.0	118	37682	No
98	GOM_NL__2PRFIN20090515_133542_000000442079_00053_37682_5186.N1	15-MAY-2009 13:35:42	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	37682	No
99	GOM_NL__2PRFIN20090515_133903_000000362079_00053_37682_5187.N1	15-MAY-2009 13:39:03	Twilight	36.000	98	13Zet Oph	2.5710	30000.	72	37682	No
100	GOM_NL__2PRFIN20090515_134134_000000512079_00053_37682_5188.N1	15-MAY-2009 13:41:34	Bright	50.500	120	1Del Oph	2.7340	3200.0	101	37682	No
101	GOM_NL__2PRFIN20090515_134445_000000442079_00053_37682_5189.N1	15-MAY-2009 13:44:45	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37682	No

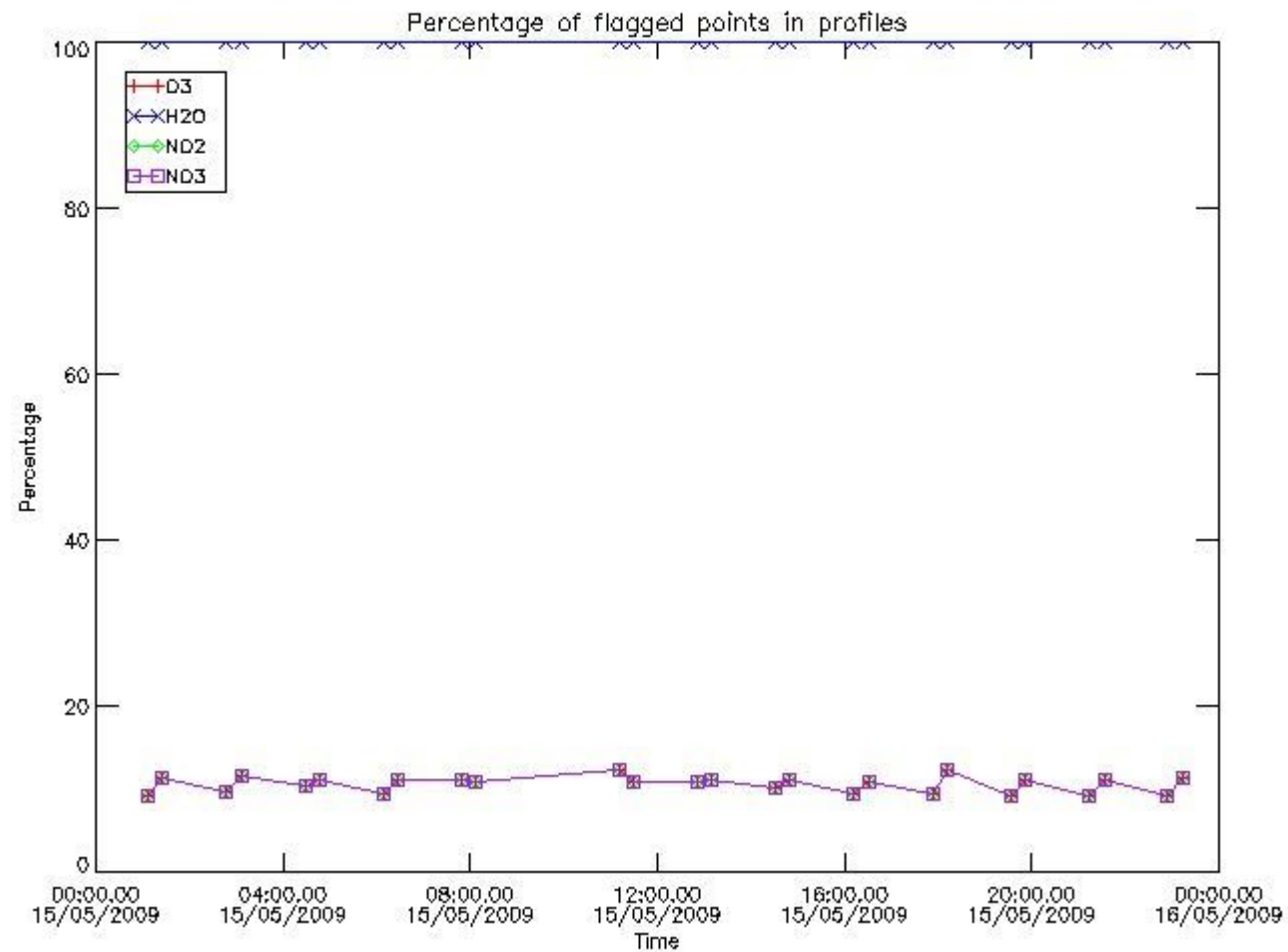
102	GOM_NL__2PRFIN20090515_135111_000000422079_00053_37682_5190.N1	15-MAY-2009 13:51:11	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	37682	No
103	GOM_NL__2PRFIN20090515_140211_000000422079_00053_37682_5191.N1	15-MAY-2009 14:02:11	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37682	No
104	GOM_NL__2PRFIN20090515_141307_000000432079_00053_37682_5192.N1	15-MAY-2009 14:13:07	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37682	No
105	GOM_NL__2PRFIN20090515_142654_000000572079_00053_37682_5193.N1	15-MAY-2009 14:26:54	Tw_i_and_stray	56.500	93	53Bet Peg	2.5200	3100.0	113	37682	No
106	GOM_NL__2PRFIN20090515_143136_000000512079_00053_37682_5194.N1	15-MAY-2009 14:31:36	Dark	50.500	90	54Alp Peg	2.4870	11000.	101	37682	No
107	GOM_NL__2PRFIN20090515_145020_000000462079_00053_37682_5195.N1	15-MAY-2009 14:50:20	Dark	45.500	172	Gam Gru	3.0030	13100.	91	37682	No
108	GOM_NL__2PRFIN20090515_150642_000000662079_00054_37683_5196.N1	15-MAY-2009 15:06:42	Straylight	65.500	38	20Eps Sgr	1.8360	11000.	131	37683	No
109	GOM_NL__2PRFIN20090515_150813_000000552079_00054_37683_5197.N1	15-MAY-2009 15:08:13	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	37683	No
110	GOM_NL__2PRFIN20090515_151035_000000522079_00054_37683_5198.N1	15-MAY-2009 15:10:35	Tw_i_and_stray	52.000	75	26Eps Sco	2.2910	4250.0	104	37683	No
111	GOM_NL__2PRFIN20090515_151341_000000582079_00054_37683_5199.N1	15-MAY-2009 15:13:41	Tw_i_and_stray	57.500	16	21Alp Sco	1.0200	3000.0	115	37683	No
112	GOM_NL__2PRFIN20090515_151618_000000452079_00054_37683_5200.N1	15-MAY-2009 15:16:18	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37683	No
113	GOM_NL__2PRFIN20090515_151939_000000362079_00054_37683_5201.N1	15-MAY-2009 15:19:39	Tw_i_and_stray	36.000	98	13Zet Oph	2.5710	30000.	72	37683	No
114	GOM_NL__2PRFIN20090515_152210_000000502079_00054_37683_5202.N1	15-MAY-2009 15:22:10	Bright	50.000	120	1Del Oph	2.7340	3200.0	100	37683	No
115	GOM_NL__2PRFIN20090515_152521_000000442079_00054_37683_5203.N1	15-MAY-2009 15:25:21	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37683	No
116	GOM_NL__2PRFIN20090515_153147_000000432079_00054_37683_5204.N1	15-MAY-2009 15:31:47	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37683	No
117	GOM_NL__2PRFIN20090515_154246_000000422079_00054_37683_5205.N1	15-MAY-2009 15:42:46	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37683	No
118	GOM_NL__2PRFIN20090515_155343_000000432079_00054_37683_5206.N1	15-MAY-2009 15:53:43	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37683	No
119	GOM_NL__2PRFIN20090515_160731_000000592079_00054_37683_5207.N1	15-MAY-2009 16:07:31	Tw_i_and_stray	58.500	93	53Bet Peg	2.5200	3100.0	117	37683	No
120	GOM_NL__2PRFIN20090515_161212_000000552079_00054_37683_5208.N1	15-MAY-2009 16:12:12	Dark	54.500	90	54Alp Peg	2.4870	11000.	109	37683	No
121	GOM_NL__2PRFIN20090515_163056_000000472079_00054_37683_5209.N1	15-MAY-2009 16:30:56	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37683	No
122	GOM_NL__2PRFIN20090515_164850_000000542079_00055_37684_5230.N1	15-MAY-2009 16:48:50	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	37684	No
123	GOM_NL__2PRFIN20090515_165111_000000522079_00055_37684_5231.N1	15-MAY-2009 16:51:11	Tw_i_and_stray	52.000	75	26Eps Sco	2.2910	4250.0	104	37684	No
124	GOM_NL__2PRFIN20090515_165417_000000582079_00055_37684_5232.N1	15-MAY-2009 16:54:17	Tw_i_and_stray	58.000	16	21Alp Sco	1.0200	3000.0	116	37684	No
125	GOM_NL__2PRFIN20090515_165655_000000462079_00055_37684_5233.N1	15-MAY-2009 16:56:55	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37684	No
126	GOM_NL__2PRFIN20090515_170015_000000422079_00055_37684_5234.N1	15-MAY-2009 17:00:15	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	37684	No
127	GOM_NL__2PRFIN20090515_170246_000000502079_00055_37684_5235.N1	15-MAY-2009 17:02:46	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	37684	No
128	GOM_NL__2PRFIN20090515_170556_000000442079_00055_37684_5236.N1	15-MAY-2009 17:05:56	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37684	No
129	GOM_NL__2PRFIN20090515_171222_000000432079_00055_37684_5237.N1	15-MAY-2009 17:12:22	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37684	No
130	GOM_NL__2PRFIN20090515_172322_000000422079_00055_37684_5238.N1	15-MAY-2009 17:23:22	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37684	No
131	GOM_NL__2PRFIN20090515_173418_000000442079_00055_37684_5239.N1	15-MAY-2009 17:34:18	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37684	No
132	GOM_NL__2PRFIN20090515_174807_000000612079_00055_37684_5240.N1	15-MAY-2009 17:48:07	Tw_i_and_stray	61.000	93	53Bet Peg	2.5200	3100.0	122	37684	No
133	GOM_NL__2PRFIN20090515_175249_000000542079_00055_37684_5241.N1	15-MAY-2009 17:52:49	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	37684	No
134	GOM_NL__2PRFIN20090515_181134_000000462079_00055_37684_5242.N1	15-MAY-2009 18:11:34	Dark	45.500	172	Gam Gru	3.0030	13100.	91	37684	No
135	GOM_NL__2PRFIN20090515_182927_000000542079_00056_37685_5247.N1	15-MAY-2009 18:29:27	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	37685	No
136	GOM_NL__2PRFIN20090515_183148_000000532079_00056_37685_5248.N1	15-MAY-2009 18:31:48	Tw_i_and_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	37685	No
137	GOM_NL__2PRFIN20090515_183454_000000592079_00056_37685_5249.N1	15-MAY-2009 18:34:54	Tw_i_and_stray	58.500	16	21Alp Sco	1.0200	3000.0	117	37685	No
138	GOM_NL__2PRFIN20090515_183731_000000472079_00056_37685_5250.N1	15-MAY-2009 18:37:31	Bright	47.000	97	8Bet1Sco	2.5610	30000.	94	37685	No
139	GOM_NL__2PRFIN20090515_184050_000000422079_00056_37685_5251.N1	15-MAY-2009 18:40:50	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	37685	No
140	GOM_NL__2PRFIN20090515_184322_000000492079_00056_37685_5252.N1	15-MAY-2009 18:43:22	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37685	No
141	GOM_NL__2PRFIN20090515_184632_000000442079_00056_37685_5253.N1	15-MAY-2009 18:46:32	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37685	No
142	GOM_NL__2PRFIN20090515_185258_000000432079_00056_37685_5254.N1	15-MAY-2009 18:52:58	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37685	No
143	GOM_NL__2PRFIN20090515_190357_000000422079_00056_37685_5255.N1	15-MAY-2009 19:03:57	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37685	No
144	GOM_NL__2PRFIN20090515_191454_000000442079_00056_37685_5256.N1	15-MAY-2009 19:14:54	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37685	No
145	GOM_NL__2PRFIN20090515_192843_000000592079_00056_37685_5257.N1	15-MAY-2009 19:28:43	Tw_i_and_stray	58.500	93	53Bet Peg	2.5200	3100.0	117	37685	No
146	GOM_NL__2PRFIN20090515_193325_000000552079_00056_37685_5258.N1	15-MAY-2009 19:33:25	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37685	No
147	GOM_NL__2PRFIN20090515_195210_000000462079_00056_37685_5259.N1	15-MAY-2009 19:52:10	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37685	No
148	GOM_NL__2PRFIN20090515_200811_000000492079_00057_37686_5264.N1	15-MAY-2009 20:08:11	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37686	No
149	GOM_NL__2PRFIN20090515_201003_000000532079_00057_37686_5265.N1	15-MAY-2009 20:10:03	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37686	No
150	GOM_NL__2PRFIN20090515_201224_000000532079_00057_37686_5266.N1	15-MAY-2009 20:12:24	Tw_i_and_stray	52.500	75	26Eps Sco	2.2910	4250.0	105	37686	No
151	GOM_NL__2PRFIN20090515_201530_000000592079_00057_37686_5267.N1	15-MAY-2009 20:15:30	Tw_i_and_stray	58.500	16	21Alp Sco	1.0200	3000.0	117	37686	No
152	GOM_NL__2PRFIN20090515_201807_000000462079_00057_37686_5268.N1	15-MAY-2009 20:18:07	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37686	No
153	GOM_NL__2PRFIN20090515_202126_000000482079_00057_37686_5269.N1	15-MAY-2009 20:21:26	Bright	48.000	98	13Zet Oph	2.5710	30000.	96	37686	No
154	GOM_NL__2PRFIN20090515_202357_000000492079_00057_37686_5270.N1	15-MAY-2009 20:23:57	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37686	No
155	GOM_NL__2PRFIN20090515_202708_000000432079_00057_37686_5271.N1	15-MAY-2009 20:27:08	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37686	No
156	GOM_NL__2PRFIN20090515_203333_000000432079_00057_37686_5272.N1	15-MAY-2009 20:33:33	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37686	No
157	GOM_NL__2PRFIN20090515_204433_000000422079_00057_37686_5273.N1	15-MAY-2009 20:44:33	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37686	No
158	GOM_NL__2PRFIN20090515_205529_000000582079_00057_37686_5274.N1	15-MAY-2009 20:55:29	Bright	57.500	89	5Alp Cep	2.4510	8000.0	115	37686	No
159	GOM_NL__2PRFIN20090515_210919_000000582079_00057_37686_5275.N1	15-MAY-2009 21:09:19	Tw_i_and_stray	58.000	93	53Bet Peg	2.5200	3100.0	116	37686	No
160	GOM_NL__2PRFIN20090515_211402_000000552079_00057_37686_5276.N1	15-MAY-2009 21:14:02	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37686	No

161	GOM_NL__2PRFIN20090515_213248_000000462079_00057_37686_5277.N1	15-MAY-2009 21:32:48	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37686	No
162	GOM_NL__2PRFIN20090515_214848_000000492079_00058_37687_5282.N1	15-MAY-2009 21:48:48	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37687	No
163	GOM_NL__2PRFIN20090515_215040_000000552079_00058_37687_5283.N1	15-MAY-2009 21:50:40	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	37687	No
164	GOM_NL__2PRFIN20090515_225438_000000562079_00058_37687_5284.N1	15-MAY-2009 22:54:38	Dark	56.000	90	54Alp Peg	2.4870	11000.	112	37687	No
165	GOM_NL__2PRFIN20090515_231325_000000452079_00058_37687_5285.N1	15-MAY-2009 23:13:25	Dark	45.000	172	Gam Gru	3.0030	13100.	90	37687	No
166	GOM_NL__2PRFIN20090515_232924_000000602079_00059_37688_5297.N1	15-MAY-2009 23:29:24	Straylight	59.500	40	The Sco	1.8590	7100.0	119	37688	No
167	GOM_NL__2PRFIN20090515_233116_000000512079_00059_37688_5298.N1	15-MAY-2009 23:31:16	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37688	No
168	GOM_NL__2PRFIN20090515_233337_000000542079_00059_37688_5299.N1	15-MAY-2009 23:33:37	Twilight_stray	53.500	75	26Eps Sco	2.2910	4250.0	107	37688	No
169	GOM_NL__2PRFIN20090515_233642_000000572079_00059_37688_5300.N1	15-MAY-2009 23:36:42	Twilight_stray	57.000	16	21Alp Sco	1.0200	3000.0	114	37688	No
170	GOM_NL__2PRFIN20090515_233919_000000472079_00059_37688_5301.N1	15-MAY-2009 23:39:19	Bright	47.000	97	8Bet1Sco	2.5610	30000.	94	37688	No
171	GOM_NL__2PRFIN20090515_234238_000000532079_00059_37688_5302.N1	15-MAY-2009 23:42:38	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	37688	No
172	GOM_NL__2PRFIN20090515_234508_000000502079_00059_37688_5303.N1	15-MAY-2009 23:45:08	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	37688	No
173	GOM_NL__2PRFIN20090515_234819_000000442079_00059_37688_5304.N1	15-MAY-2009 23:48:19	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37688	No
174	GOM_NL__2PRFIN20090515_235444_000000432079_00059_37688_5305.N1	15-MAY-2009 23:54:44	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37688	No

3. Quality information per product

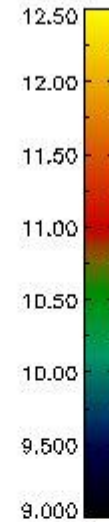
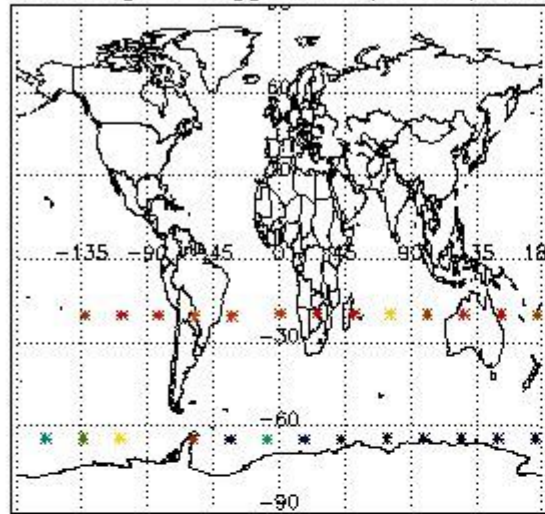
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

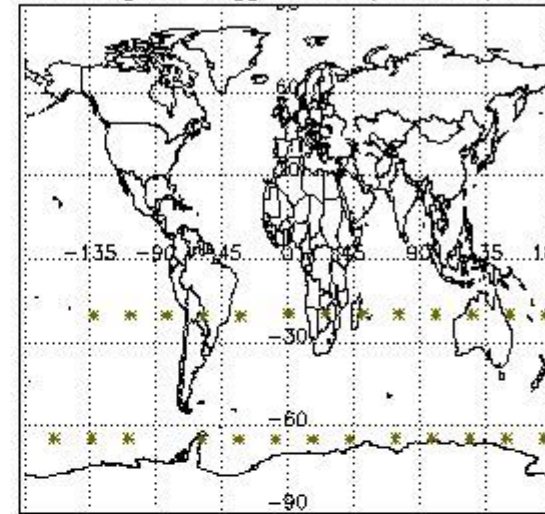


3.2 Plot quality information per product (world map)

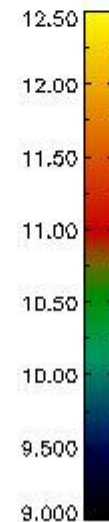
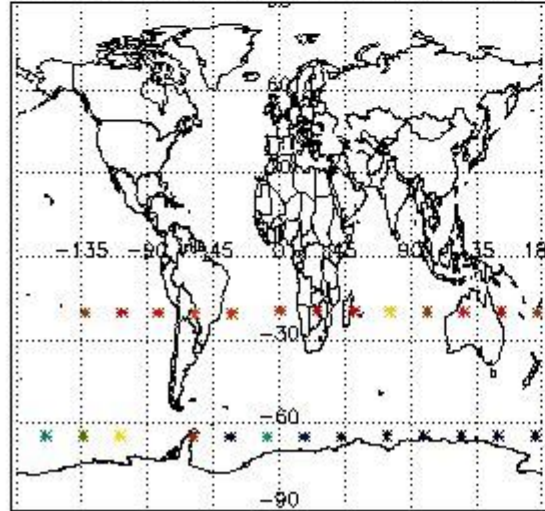
Percentage of flagged data per O3 profile



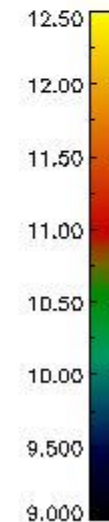
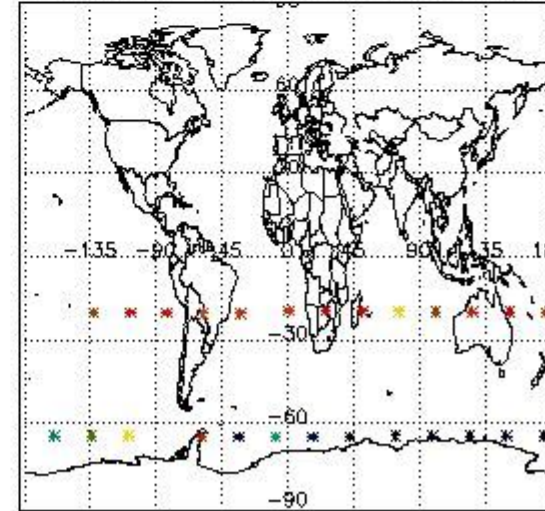
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

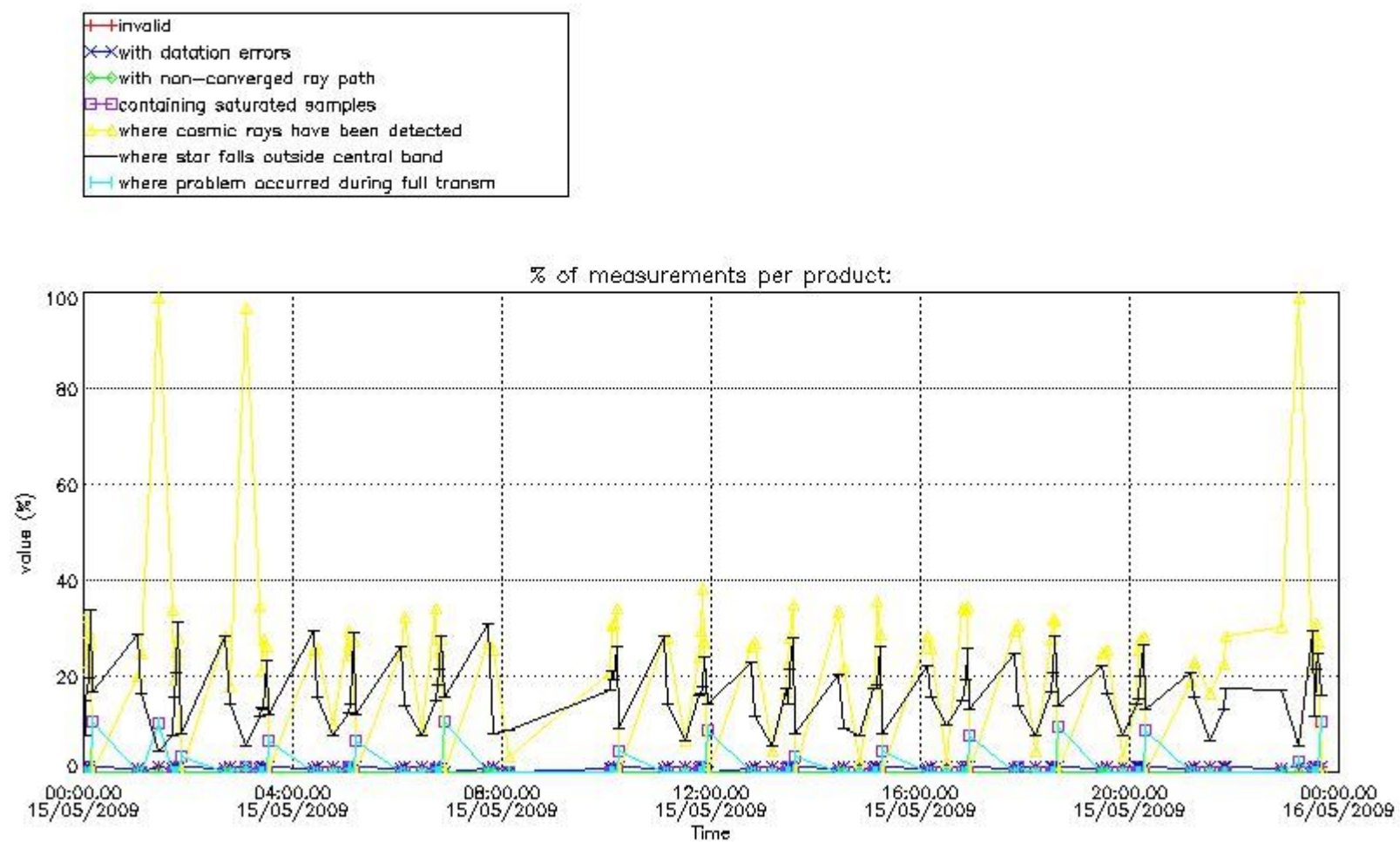


4. Level 1 quality information per product

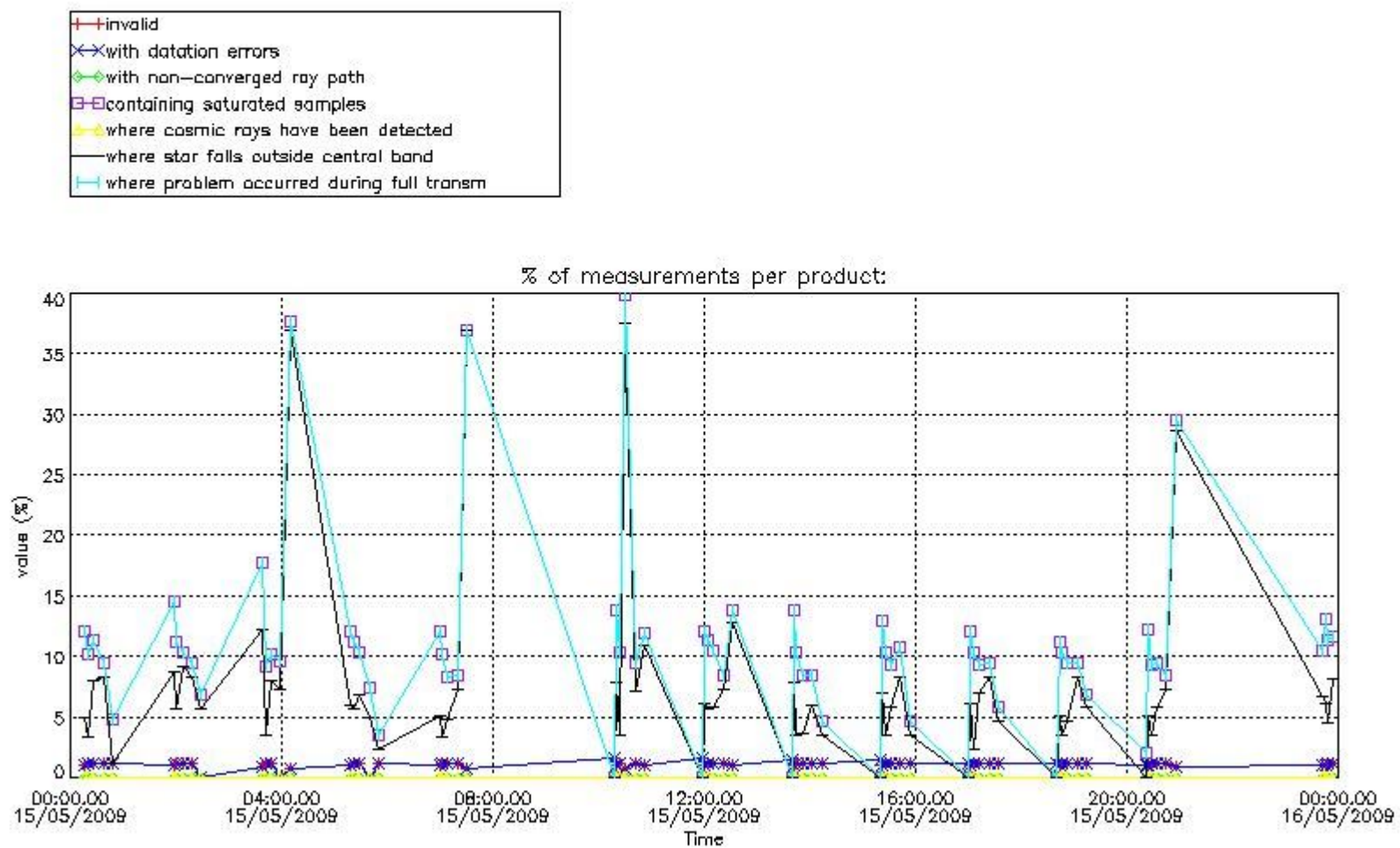
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

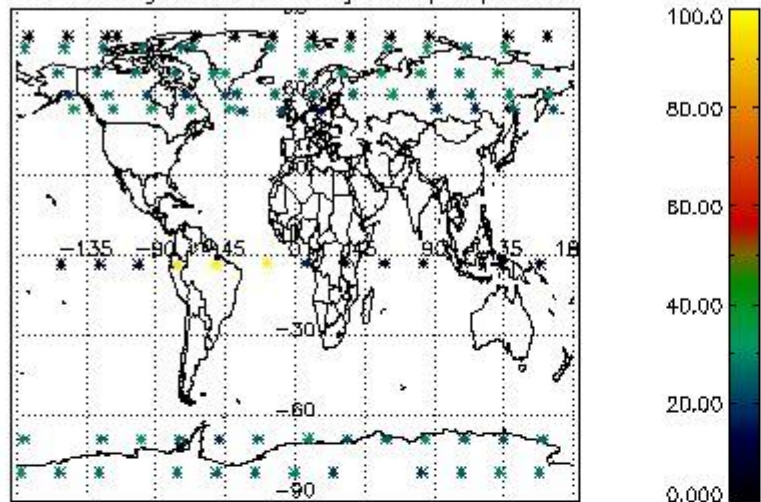


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

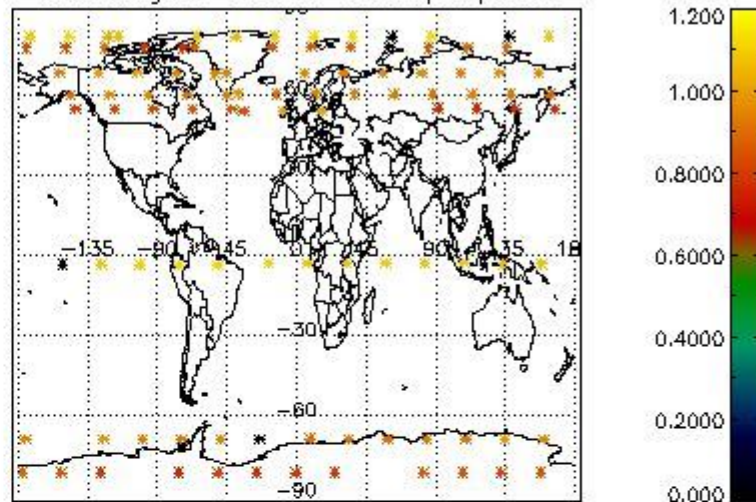


4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

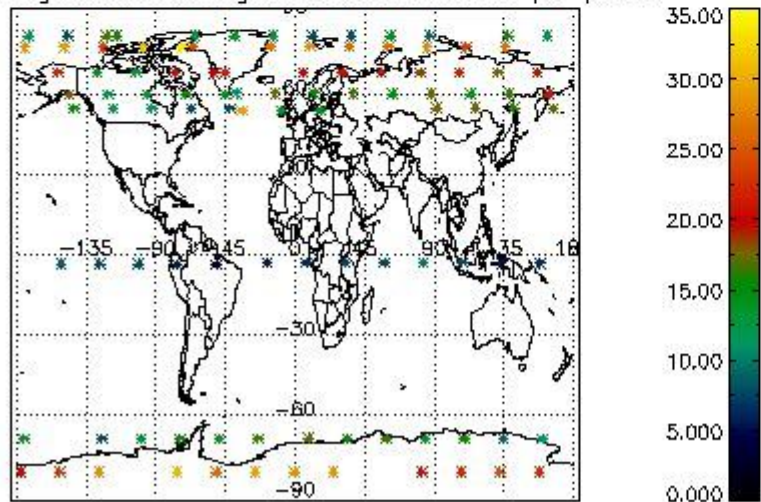
Percentage of cosmic ray hits per profile



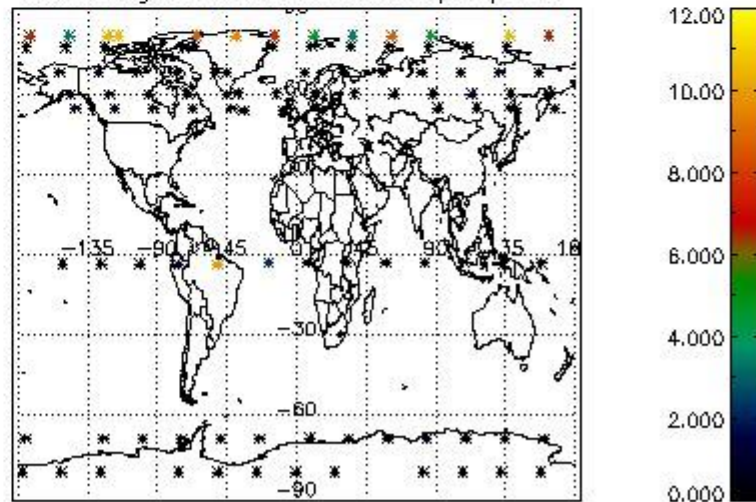
Percentage of datation errors per profile



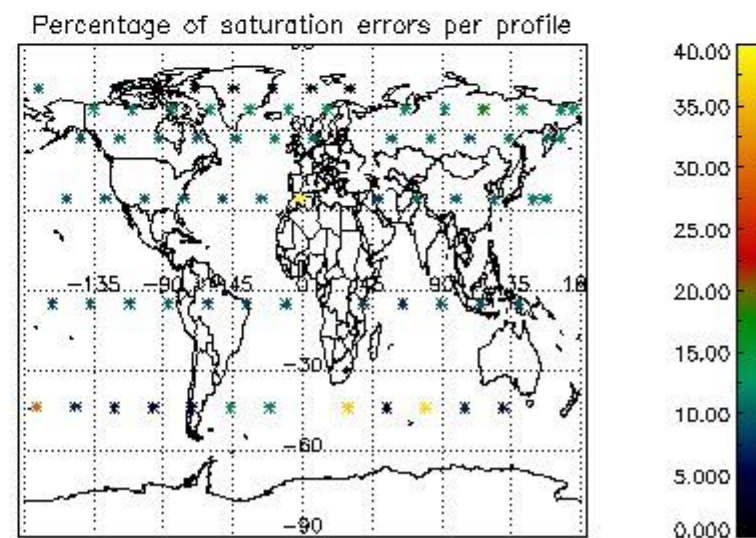
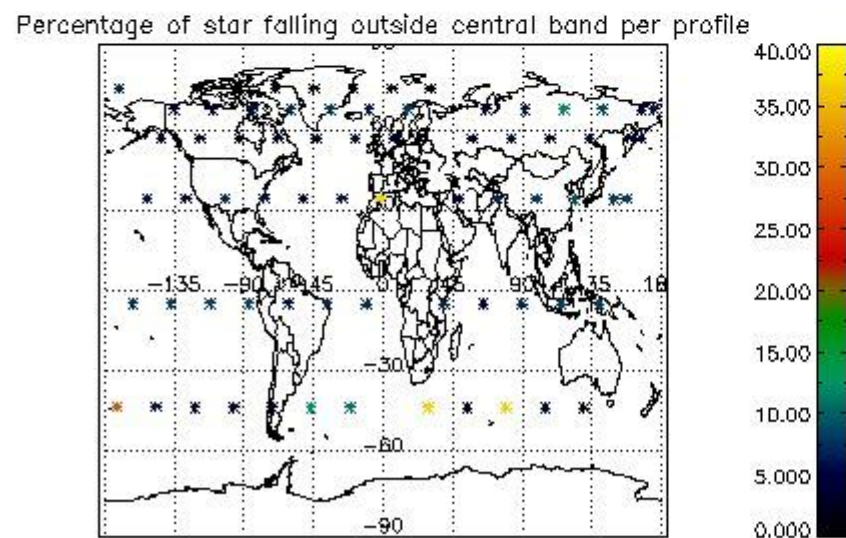
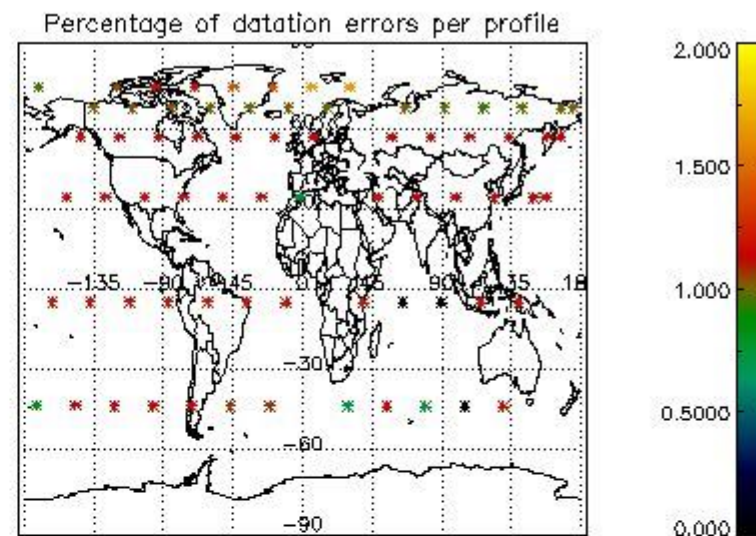
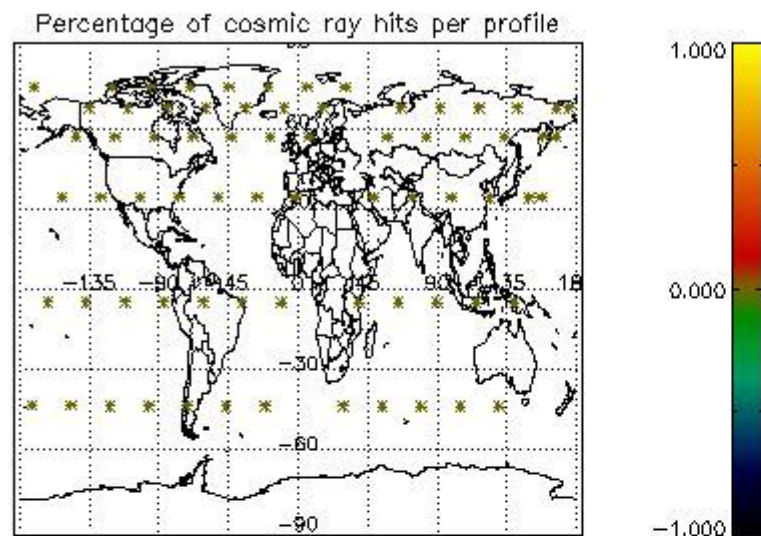
Percentage of star falling outside central band per profile



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

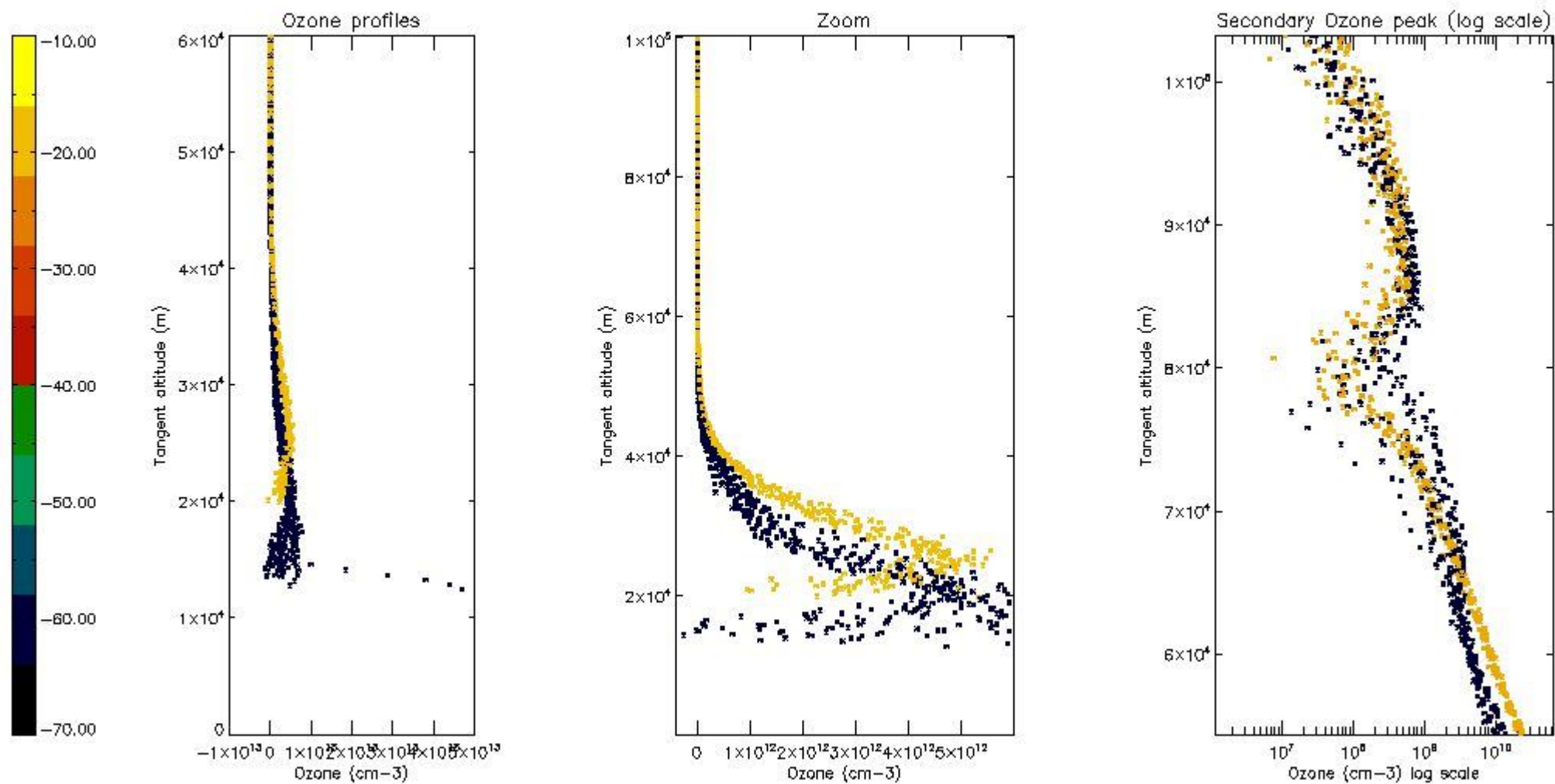
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	15
STD < 20	9

STD < 10	7
STD < 5	2

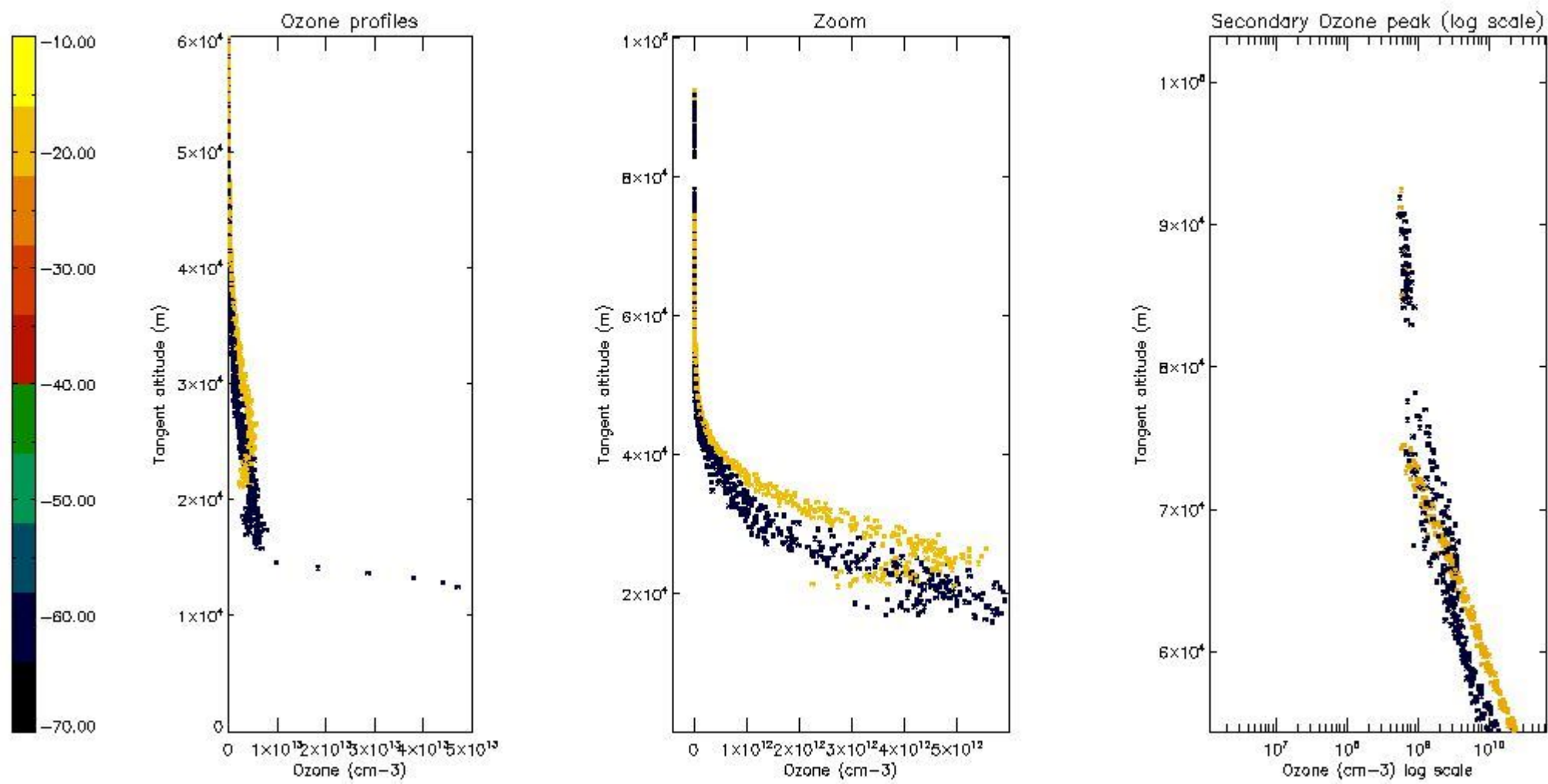
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



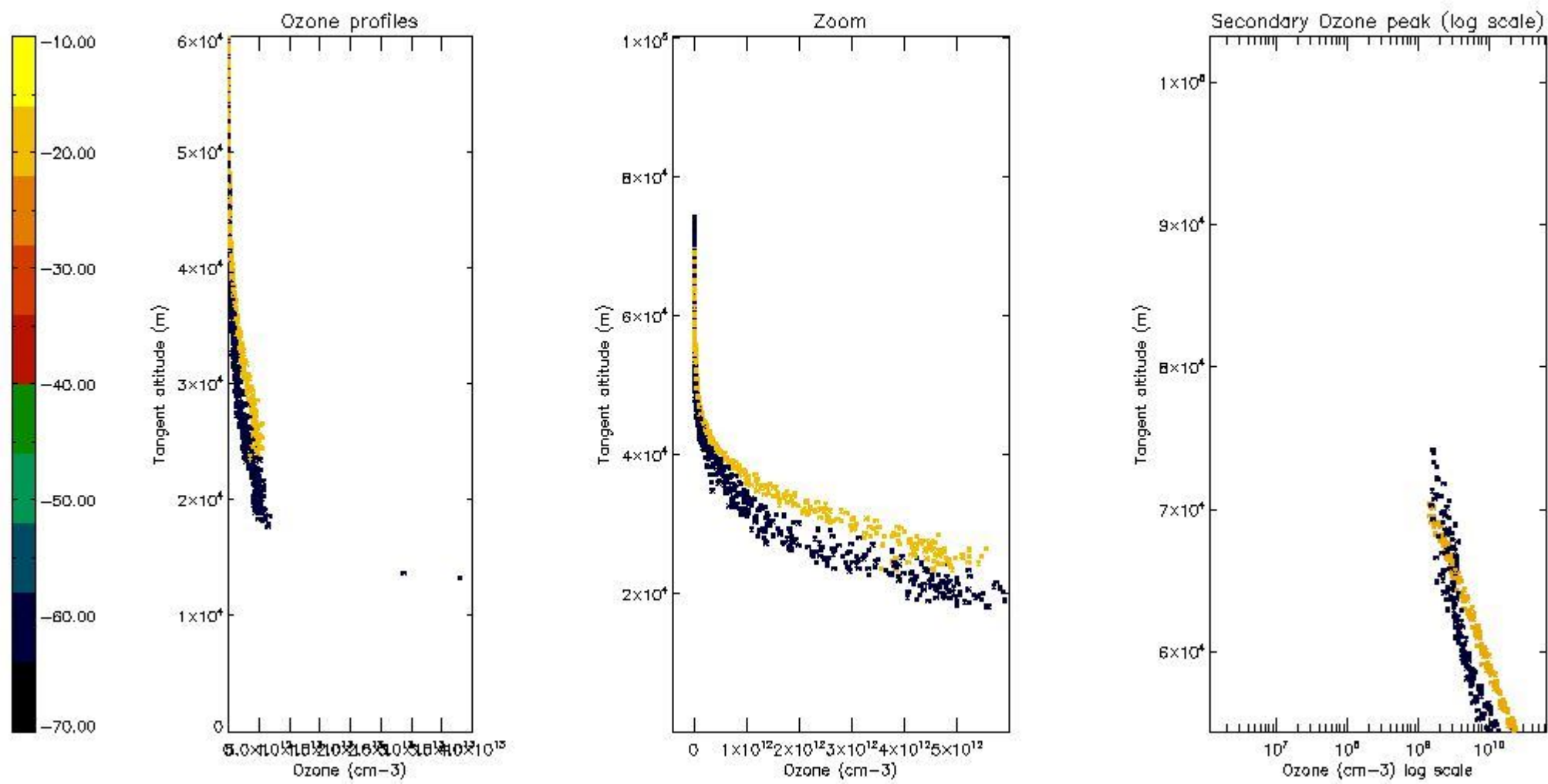
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



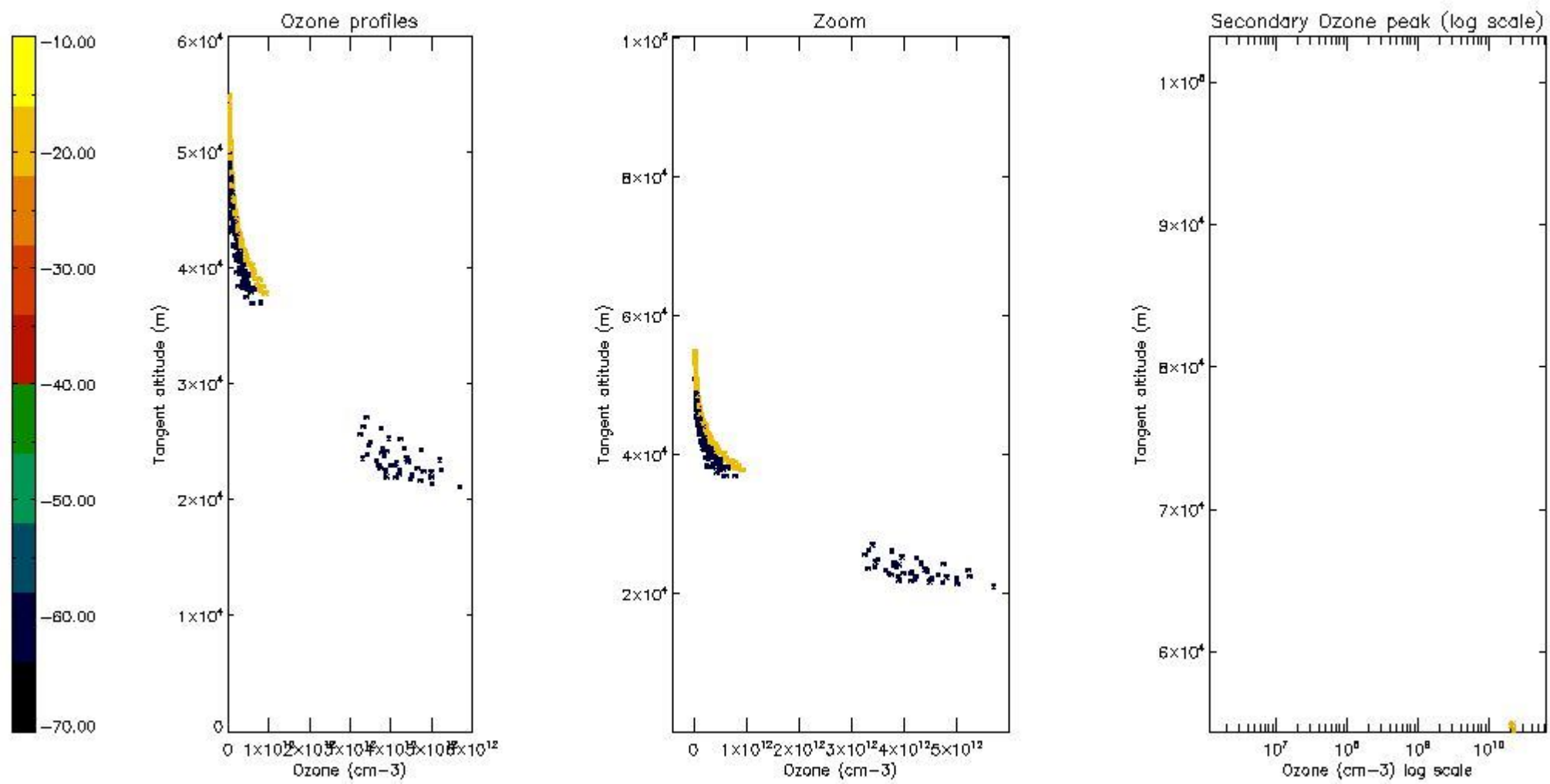
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



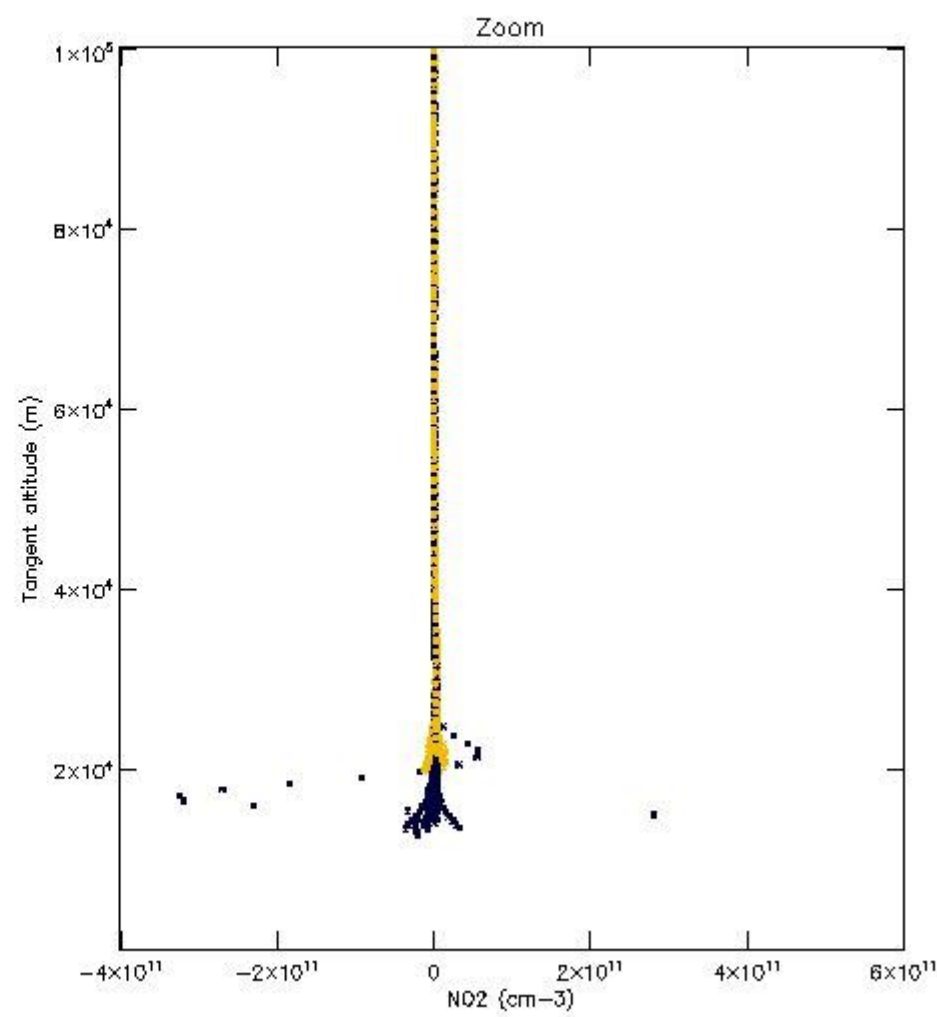
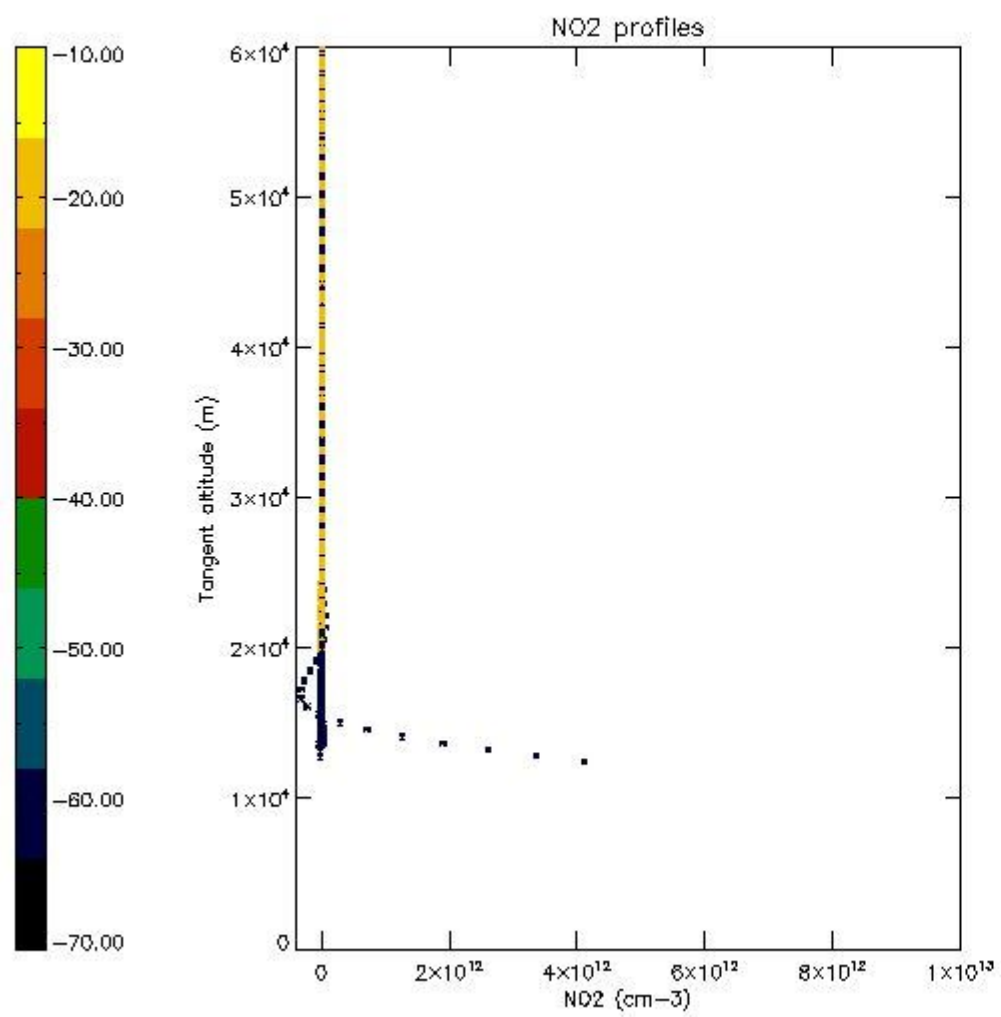
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



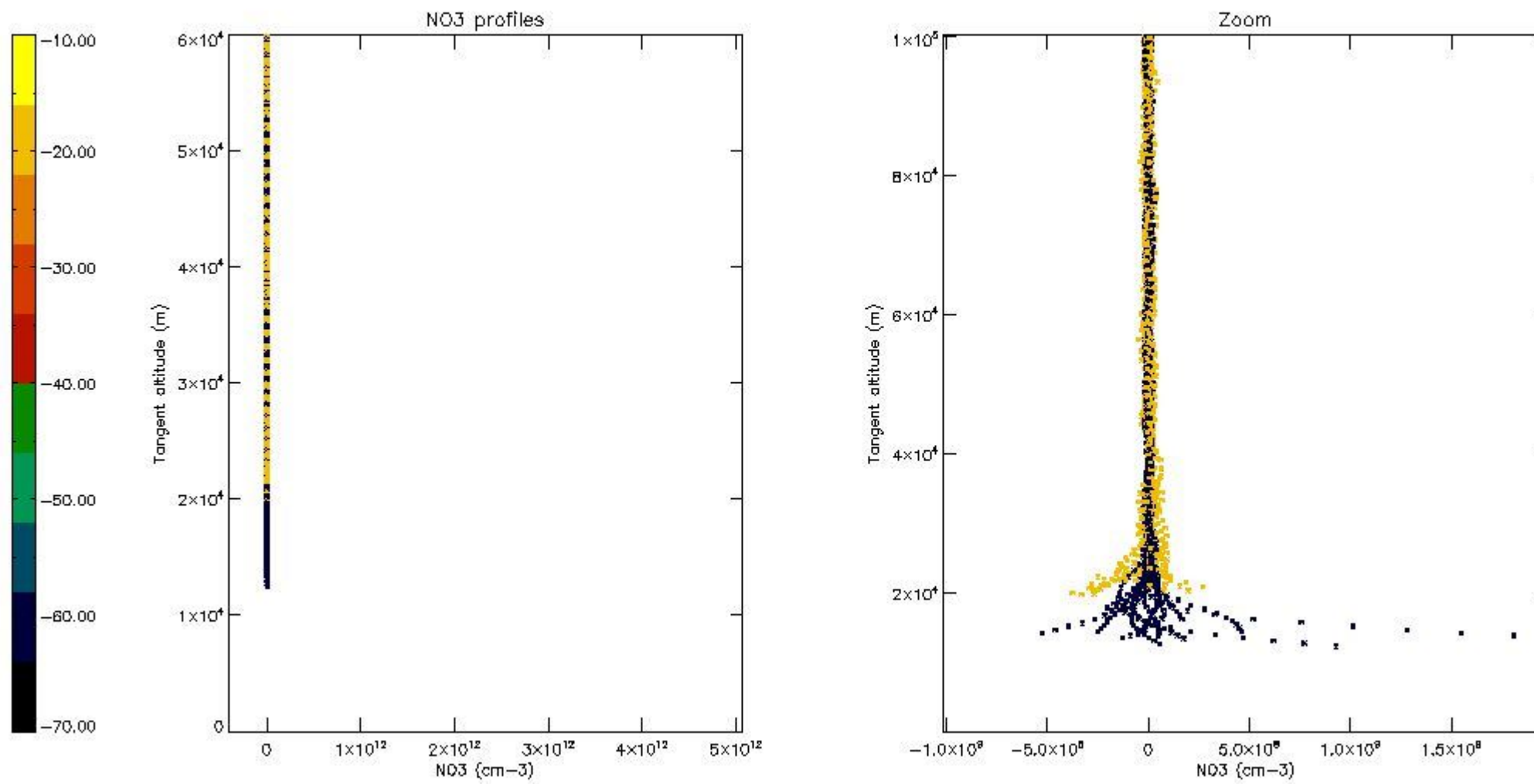
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	15-MAY-2009 00:01:10
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-MAY-2009 00:01:10
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-MAY-2009 00:01:10

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

[3. Level 2 Quality information per product](#)

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[4. Level 1 Quality information per product \(stored on level 2 products\)](#)

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

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

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

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

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

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

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

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

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

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

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

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

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

[5.8 Plot H2O profiles \(only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors\) for all STD](#)

[6. Auxiliary Data Files used for the production reported in section 2](#)

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	26APR2013 09:30:30
Data source version	GOMOS/6.01
Start time of products	15-05-2009 (15MAY2009 00:00:00)
Stop time of products	16-05-2009 (16MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	174
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__2PRFIN20090515_000110_00000592079_00045_37674_5068.N1	15-MAY-2009 00:01:10	Straylight	59.000	38	20Eps Sgr	1.8360	11000.	118	37674	No
2	GOM_NL__2PRFIN20090515_000244_00000542079_00045_37674_5069.N1	15-MAY-2009 00:02:44	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	37674	No
3	GOM_NL__2PRFIN20090515_000507_00000532079_00045_37674_5070.N1	15-MAY-2009 00:05:07	Twilight_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	37674	No
4	GOM_NL__2PRFIN20090515_000815_00000652079_00045_37674_5071.N1	15-MAY-2009 00:08:15	Twilight_stray	65.000	16	21Alp Sco	1.0200	3000.0	130	37674	No
5	GOM_NL__2PRFIN20090515_001054_00000482079_00045_37674_5072.N1	15-MAY-2009 00:10:54	Bright	48.000	97	8Bet1Sco	2.5610	30000.	96	37674	No
6	GOM_NL__2PRFIN20090515_001648_00000502079_00045_37674_5073.N1	15-MAY-2009 00:16:48	Bright	50.000	120	1Del Oph	2.7340	3200.0	100	37674	No
7	GOM_NL__2PRFIN20090515_002000_00000442079_00045_37674_5074.N1	15-MAY-2009 00:20:00	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37674	No
8	GOM_NL__2PRFIN20090515_002627_00000442079_00045_37674_5075.N1	15-MAY-2009 00:26:27	Bright	44.000	67	5Alp CrB	2.2210	11000.	88	37674	No
9	GOM_NL__2PRFIN20090515_003727_00000432079_00045_37674_5076.N1	15-MAY-2009 00:37:27	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37674	No
10	GOM_NL__2PRFIN20090515_004823_00000422079_00045_37674_5077.N1	15-MAY-2009 00:48:23	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	37674	No
11	GOM_NL__2PRFIN20090515_010205_00000632079_00045_37674_5078.N1	15-MAY-2009 01:02:05	Twilight_stray	63.000	93	53Bet Peg	2.5200	3100.0	126	37674	No
12	GOM_NL__2PRFIN20090515_010644_00000552079_00045_37674_5079.N1	15-MAY-2009 01:06:44	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37674	No
13	GOM_NL__2PRFIN20090515_012524_00000452079_00045_37674_5080.N1	15-MAY-2009 01:25:24	Dark	45.000	172	Gam Gru	3.0030	13100.	90	37674	No
14	GOM_NL__2PRFIN20090515_014147_00000592079_00046_37675_5082.N1	15-MAY-2009 01:41:47	Straylight	59.000	38	20Eps Sgr	1.8360	11000.	118	37675	No
15	GOM_NL__2PRFIN20090515_014320_00000552079_00046_37675_5083.N1	15-MAY-2009 01:43:20	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	37675	No
16	GOM_NL__2PRFIN20090515_014543_00000542079_00046_37675_5084.N1	15-MAY-2009 01:45:43	Twilight_stray	53.500	75	26Eps Sco	2.2910	4250.0	107	37675	No
17	GOM_NL__2PRFIN20090515_014851_00000632079_00046_37675_5085.N1	15-MAY-2009 01:48:51	Twilight_stray	62.500	16	21Alp Sco	1.0200	3000.0	125	37675	No
18	GOM_NL__2PRFIN20090515_015130_00000452079_00046_37675_5086.N1	15-MAY-2009 01:51:30	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37675	No
19	GOM_NL__2PRFIN20090515_015724_00000522079_00046_37675_5087.N1	15-MAY-2009 01:57:24	Bright	51.500	120	1Del Oph	2.7340	3200.0	103	37675	No
20	GOM_NL__2PRFIN20090515_020036_00000452079_00046_37675_5088.N1	15-MAY-2009 02:00:36	Bright	44.500	102	24Alp Ser	2.6000	4250.0	89	37675	No
21	GOM_NL__2PRFIN20090515_020703_00000442079_00046_37675_5089.N1	15-MAY-2009 02:07:03	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37675	No
22	GOM_NL__2PRFIN20090515_021803_00000422079_00046_37675_5090.N1	15-MAY-2009 02:18:03	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37675	No
23	GOM_NL__2PRFIN20090515_022859_00000442079_00046_37675_5091.N1	15-MAY-2009 02:28:59	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37675	No
24	GOM_NL__2PRFIN20090515_024241_00000642079_00046_37675_5092.N1	15-MAY-2009 02:42:41	Twilight_stray	63.500	93	53Bet Peg	2.5200	3100.0	127	37675	No
25	GOM_NL__2PRFIN20090515_024721_00000532079_00046_37675_5093.N1	15-MAY-2009 02:47:21	Dark	53.000	90	54Alp Peg	2.4870	11000.	106	37675	No
26	GOM_NL__2PRFIN20090515_030601_00000452079_00046_37675_5094.N1	15-MAY-2009 03:06:01	Dark	44.500	172	Gam Gru	3.0030	13100.	89	37675	No
27	GOM_NL__2PRFIN20090515_032224_00000612079_00047_37676_5098.N1	15-MAY-2009 03:22:24	Straylight	61.000	38	20Eps Sgr	1.8360	11000.	122	37676	No
28	GOM_NL__2PRFIN20090515_032357_00000532079_00047_37676_5099.N1	15-MAY-2009 03:23:57	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	37676	No
29	GOM_NL__2PRFIN20090515_032620_00000492079_00047_37676_5100.N1	15-MAY-2009 03:26:20	Twilight_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	37676	No
30	GOM_NL__2PRFIN20090515_032928_00000562079_00047_37676_5101.N1	15-MAY-2009 03:29:28	Twilight_stray	55.500	16	21Alp Sco	1.0200	3000.0	111	37676	No
31	GOM_NL__2PRFIN20090515_033206_00000462079_00047_37676_5102.N1	15-MAY-2009 03:32:06	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37676	No
32	GOM_NL__2PRFIN20090515_033800_00000542079_00047_37676_5103.N1	15-MAY-2009 03:38:00	Bright	53.500	120	1Del Oph	2.7340	3200.0	107	37676	No
33	GOM_NL__2PRFIN20090515_034111_00000442079_00047_37676_5104.N1	15-MAY-2009 03:41:11	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37676	No
34	GOM_NL__2PRFIN20090515_034738_00000442079_00047_37676_5105.N1	15-MAY-2009 03:47:38	Bright	44.000	67	5Alp CrB	2.2210	11000.	88	37676	No
35	GOM_NL__2PRFIN20090515_035838_00000422079_00047_37676_5106.N1	15-MAY-2009 03:58:38	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37676	No
36	GOM_NL__2PRFIN20090515_040934_00000652079_00047_37676_5107.N1	15-MAY-2009 04:09:34	Bright	65.000	89	5Alp Cep	2.4510	8000.0	130	37676	No
37	GOM_NL__2PRFIN20090515_042318_00000652079_00047_37676_5108.N1	15-MAY-2009 04:23:18	Twilight_stray	64.500	93	53Bet Peg	2.5200	3100.0	129	37676	No
38	GOM_NL__2PRFIN20090515_042757_00000552079_00047_37676_5109.N1	15-MAY-2009 04:27:57	Dark	54.500	90	54Alp Peg	2.4870	11000.	109	37676	No
39	GOM_NL__2PRFIN20090515_044638_00000462079_00047_37676_5110.N1	15-MAY-2009 04:46:38	Dark	45.500	172	Gam Gru	3.0030	13100.	91	37676	No
40	GOM_NL__2PRFIN20090515_050301_00000612079_00048_37677_5109.N1	15-MAY-2009 05:03:01	Straylight	61.000	38	20Eps Sgr	1.8360	11000.	122	37677	No
41	GOM_NL__2PRFIN20090515_050434_00000532079_00048_37677_5110.N1	15-MAY-2009 05:04:34	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	37677	No
42	GOM_NL__2PRFIN20090515_050656_00000502079_00048_37677_5111.N1	15-MAY-2009 05:06:56	Twilight_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	37677	No

43	GOM_NL__2PRFIN20090515_051004_000000612079_00048_37677_5112.N1	15-MAY-2009 05:10:04	Twilight	60.500	16	21Alp Sco	1.0200	3000.0	121	37677	No
44	GOM_NL__2PRFIN20090515_051242_000000462079_00048_37677_5113.N1	15-MAY-2009 05:12:42	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37677	No
45	GOM_NL__2PRFIN20090515_051836_000000502079_00048_37677_5114.N1	15-MAY-2009 05:18:36	Bright	50.000	120	1Del Oph	2.7340	3200.0	100	37677	No
46	GOM_NL__2PRFIN20090515_052147_000000452079_00048_37677_5115.N1	15-MAY-2009 05:21:47	Bright	44.500	102	24Alp Ser	2.6000	4250.0	89	37677	No
47	GOM_NL__2PRFIN20090515_052814_000000442079_00048_37677_5116.N1	15-MAY-2009 05:28:14	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37677	No
48	GOM_NL__2PRFIN20090515_053914_000000412079_00048_37677_5117.N1	15-MAY-2009 05:39:14	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37677	No
49	GOM_NL__2PRFIN20090515_055010_000000432079_00048_37677_5118.N1	15-MAY-2009 05:50:10	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37677	No
50	GOM_NL__2PRFIN20090515_060354_000000622079_00048_37677_5119.N1	15-MAY-2009 06:03:54	Twilight	61.500	93	53Bet Peg	2.5200	3100.0	123	37677	No
51	GOM_NL__2PRFIN20090515_060834_000000542079_00048_37677_5120.N1	15-MAY-2009 06:08:34	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	37677	No
52	GOM_NL__2PRFIN20090515_062715_000000462079_00048_37677_5121.N1	15-MAY-2009 06:27:15	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37677	No
53	GOM_NL__2PRFIN20090515_064338_000000632079_00049_37678_5123.N1	15-MAY-2009 06:43:38	Straylight	63.000	38	20Eps Sgr	1.8360	11000.	126	37678	No
54	GOM_NL__2PRFIN20090515_064510_000000562079_00049_37678_5124.N1	15-MAY-2009 06:45:10	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	37678	No
55	GOM_NL__2PRFIN20090515_064733_000000542079_00049_37678_5125.N1	15-MAY-2009 06:47:33	Twilight	53.500	75	26Eps Sco	2.2910	4250.0	107	37678	No
56	GOM_NL__2PRFIN20090515_065040_000000602079_00049_37678_5126.N1	15-MAY-2009 06:50:40	Twilight	60.000	16	21Alp Sco	1.0200	3000.0	120	37678	No
57	GOM_NL__2PRFIN20090515_065318_000000482079_00049_37678_5127.N1	15-MAY-2009 06:53:18	Bright	47.500	97	8Bet1Sco	2.5610	30000.	95	37678	No
58	GOM_NL__2PRFIN20090515_065911_000000502079_00049_37678_5128.N1	15-MAY-2009 06:59:11	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	37678	No
59	GOM_NL__2PRFIN20090515_070223_000000442079_00049_37678_5129.N1	15-MAY-2009 07:02:23	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37678	No
60	GOM_NL__2PRFIN20090515_070849_000000422079_00049_37678_5130.N1	15-MAY-2009 07:08:49	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	37678	No
61	GOM_NL__2PRFIN20090515_071949_000000422079_00049_37678_5131.N1	15-MAY-2009 07:19:49	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37678	No
62	GOM_NL__2PRFIN20090515_073045_000000652079_00049_37678_5132.N1	15-MAY-2009 07:30:45	Bright	65.000	89	5Alp Cep	2.4510	8000.0	130	37678	No
63	GOM_NL__2PRFIN20090515_074430_000000672079_00049_37678_5133.N1	15-MAY-2009 07:44:30	Twilight	66.500	93	53Bet Peg	2.5200	3100.0	133	37678	No
64	GOM_NL__2PRFIN20090515_074910_000000512079_00049_37678_5134.N1	15-MAY-2009 07:49:10	Dark	51.000	90	54Alp Peg	2.4870	11000.	102	37678	No
65	GOM_NL__2PRFIN20090515_080752_000000462079_00049_37678_5135.N1	15-MAY-2009 08:07:52	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37678	No
66	GOM_NL__2PRFIN20090515_100452_000000652079_00051_37680_5153.N1	15-MAY-2009 10:04:52	Straylight	65.000	38	20Eps Sgr	1.8360	11000.	130	37680	No
67	GOM_NL__2PRFIN20090515_100624_000000572079_00051_37680_5154.N1	15-MAY-2009 10:06:24	Straylight	57.000	25	35Lam Sco	1.6200	28000.	114	37680	No
68	GOM_NL__2PRFIN20090515_100846_000000522079_00051_37680_5155.N1	15-MAY-2009 10:08:46	Twilight	52.000	75	26Eps Sco	2.2910	4250.0	104	37680	No
69	GOM_NL__2PRFIN20090515_101153_000000572079_00051_37680_5156.N1	15-MAY-2009 10:11:53	Twilight	57.000	16	21Alp Sco	1.0200	3000.0	114	37680	No
70	GOM_NL__2PRFIN20090515_101430_000000452079_00051_37680_5157.N1	15-MAY-2009 10:14:30	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37680	No
71	GOM_NL__2PRFIN20090515_101751_000000302079_00051_37680_5158.N1	15-MAY-2009 10:17:51	Twilight	30.000	98	13Zet Oph	2.5710	30000.	60	37680	No
72	GOM_NL__2PRFIN20090515_102023_000000512079_00051_37680_5159.N1	15-MAY-2009 10:20:23	Bright	50.500	120	1Del Oph	2.7340	3200.0	101	37680	No
73	GOM_NL__2PRFIN20090515_102334_000000442079_00051_37680_5160.N1	15-MAY-2009 10:23:34	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37680	No
74	GOM_NL__2PRFIN20090515_103000_000000642079_00051_37680_5161.N1	15-MAY-2009 10:30:00	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	37680	No
75	GOM_NL__2PRFIN20090515_104100_000000422079_00051_37680_5162.N1	15-MAY-2009 10:41:00	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37680	No
76	GOM_NL__2PRFIN20090515_105156_000000462079_00051_37680_5163.N1	15-MAY-2009 10:51:56	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	37680	No
77	GOM_NL__2PRFIN20090515_110542_000000642079_00051_37680_5164.N1	15-MAY-2009 11:05:42	Twilight	63.500	93	53Bet Peg	2.5200	3100.0	127	37680	No
78	GOM_NL__2PRFIN20090515_111023_000000542079_00051_37680_5165.N1	15-MAY-2009 11:10:23	Dark	53.500	90	54Alp Peg	2.4870	11000.	107	37680	No
79	GOM_NL__2PRFIN20090515_112906_000000472079_00051_37680_5166.N1	15-MAY-2009 11:29:06	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37680	No
80	GOM_NL__2PRFIN20090515_114528_000000652079_00052_37681_5168.N1	15-MAY-2009 11:45:28	Straylight	65.000	38	20Eps Sgr	1.8360	11000.	130	37681	No
81	GOM_NL__2PRFIN20090515_114700_000000552079_00052_37681_5169.N1	15-MAY-2009 11:47:00	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	37681	No
82	GOM_NL__2PRFIN20090515_114922_000000512079_00052_37681_5170.N1	15-MAY-2009 11:49:22	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	37681	No
83	GOM_NL__2PRFIN20090515_115229_000000562079_00052_37681_5171.N1	15-MAY-2009 11:52:29	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	37681	No
84	GOM_NL__2PRFIN20090515_115506_000000462079_00052_37681_5172.N1	15-MAY-2009 11:55:06	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37681	No
85	GOM_NL__2PRFIN20090515_115827_000000302079_00052_37681_5173.N1	15-MAY-2009 11:58:27	Twilight	30.000	98	13Zet Oph	2.5710	30000.	60	37681	No
86	GOM_NL__2PRFIN20090515_120059_000000502079_00052_37681_5174.N1	15-MAY-2009 12:00:59	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	37681	No
87	GOM_NL__2PRFIN20090515_120409_000000442079_00052_37681_5175.N1	15-MAY-2009 12:04:09	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37681	No
88	GOM_NL__2PRFIN20090515_121036_000000432079_00052_37681_5176.N1	15-MAY-2009 12:10:36	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37681	No
89	GOM_NL__2PRFIN20090515_122136_000000422079_00052_37681_5177.N1	15-MAY-2009 12:21:36	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37681	No
90	GOM_NL__2PRFIN20090515_123232_000000472079_00052_37681_5178.N1	15-MAY-2009 12:32:32	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	37681	No
91	GOM_NL__2PRFIN20090515_124618_000000592079_00052_37681_5179.N1	15-MAY-2009 12:46:18	Twilight	59.000	93	53Bet Peg	2.5200	3100.0	118	37681	No
92	GOM_NL__2PRFIN20090515_125059_000000522079_00052_37681_5180.N1	15-MAY-2009 12:50:59	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	37681	No
93	GOM_NL__2PRFIN20090515_130942_000000462079_00052_37681_5181.N1	15-MAY-2009 13:09:42	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37681	No
94	GOM_NL__2PRFIN20090515_132605_000000662079_00053_37682_5182.N1	15-MAY-2009 13:26:05	Straylight	66.000	38	20Eps Sgr	1.8360	11000.	132	37682	No
95	GOM_NL__2PRFIN20090515_132737_000000532079_00053_37682_5183.N1	15-MAY-2009 13:27:37	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37682	No
96	GOM_NL__2PRFIN20090515_132958_000000542079_00053_37682_5184.N1	15-MAY-2009 13:29:58	Twilight	53.500	75	26Eps Sco	2.2910	4250.0	107	37682	No
97	GOM_NL__2PRFIN20090515_133305_000000592079_00053_37682_5185.N1	15-MAY-2009 13:33:05	Twilight	59.000	16	21Alp Sco	1.0200	3000.0	118	37682	No
98	GOM_NL__2PRFIN20090515_133542_000000442079_00053_37682_5186.N1	15-MAY-2009 13:35:42	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	37682	No
99	GOM_NL__2PRFIN20090515_133903_000000362079_00053_37682_5187.N1	15-MAY-2009 13:39:03	Twilight	36.000	98	13Zet Oph	2.5710	30000.	72	37682	No
100	GOM_NL__2PRFIN20090515_134134_000000512079_00053_37682_5188.N1	15-MAY-2009 13:41:34	Bright	50.500	120	1Del Oph	2.7340	3200.0	101	37682	No
101	GOM_NL__2PRFIN20090515_134445_000000442079_00053_37682_5189.N1	15-MAY-2009 13:44:45	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37682	No

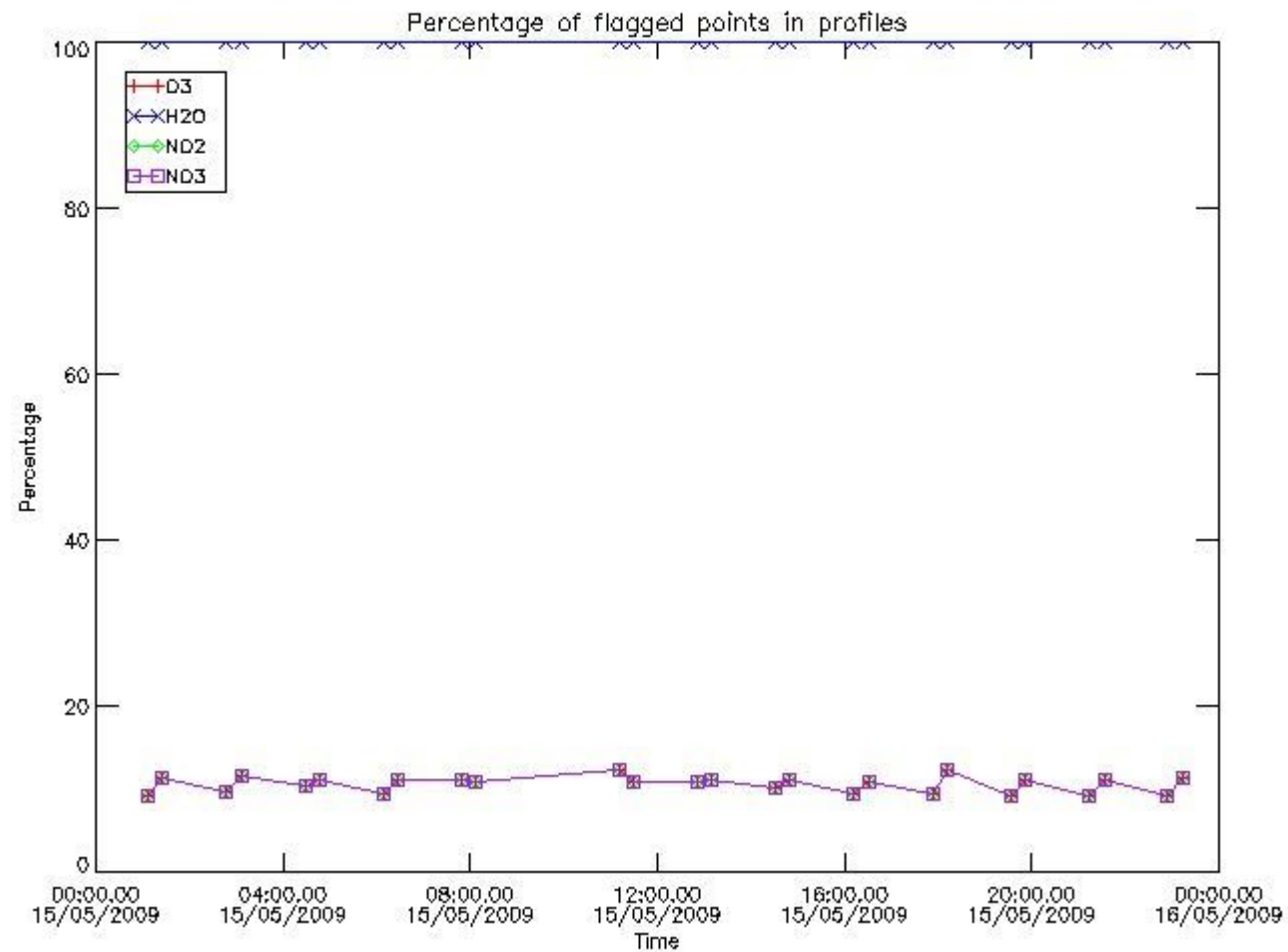
102	GOM_NL__2PRFIN20090515_135111_000000422079_00053_37682_5190.N1	15-MAY-2009 13:51:11	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	37682	No
103	GOM_NL__2PRFIN20090515_140211_000000422079_00053_37682_5191.N1	15-MAY-2009 14:02:11	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37682	No
104	GOM_NL__2PRFIN20090515_141307_000000432079_00053_37682_5192.N1	15-MAY-2009 14:13:07	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37682	No
105	GOM_NL__2PRFIN20090515_142654_000000572079_00053_37682_5193.N1	15-MAY-2009 14:26:54	Tw_i_and_stray	56.500	93	53Bet Peg	2.5200	3100.0	113	37682	No
106	GOM_NL__2PRFIN20090515_143136_000000512079_00053_37682_5194.N1	15-MAY-2009 14:31:36	Dark	50.500	90	54Alp Peg	2.4870	11000.	101	37682	No
107	GOM_NL__2PRFIN20090515_145020_000000462079_00053_37682_5195.N1	15-MAY-2009 14:50:20	Dark	45.500	172	Gam Gru	3.0030	13100.	91	37682	No
108	GOM_NL__2PRFIN20090515_150642_000000662079_00054_37683_5196.N1	15-MAY-2009 15:06:42	Straylight	65.500	38	20Eps Sgr	1.8360	11000.	131	37683	No
109	GOM_NL__2PRFIN20090515_150813_000000552079_00054_37683_5197.N1	15-MAY-2009 15:08:13	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	37683	No
110	GOM_NL__2PRFIN20090515_151035_000000522079_00054_37683_5198.N1	15-MAY-2009 15:10:35	Tw_i_and_stray	52.000	75	26Eps Sco	2.2910	4250.0	104	37683	No
111	GOM_NL__2PRFIN20090515_151341_000000582079_00054_37683_5199.N1	15-MAY-2009 15:13:41	Tw_i_and_stray	57.500	16	21Alp Sco	1.0200	3000.0	115	37683	No
112	GOM_NL__2PRFIN20090515_151618_000000452079_00054_37683_5200.N1	15-MAY-2009 15:16:18	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37683	No
113	GOM_NL__2PRFIN20090515_151939_000000362079_00054_37683_5201.N1	15-MAY-2009 15:19:39	Tw_i_and_stray	36.000	98	13Zet Oph	2.5710	30000.	72	37683	No
114	GOM_NL__2PRFIN20090515_152210_000000502079_00054_37683_5202.N1	15-MAY-2009 15:22:10	Bright	50.000	120	1Del Oph	2.7340	3200.0	100	37683	No
115	GOM_NL__2PRFIN20090515_152521_000000442079_00054_37683_5203.N1	15-MAY-2009 15:25:21	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37683	No
116	GOM_NL__2PRFIN20090515_153147_000000432079_00054_37683_5204.N1	15-MAY-2009 15:31:47	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37683	No
117	GOM_NL__2PRFIN20090515_154246_000000422079_00054_37683_5205.N1	15-MAY-2009 15:42:46	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37683	No
118	GOM_NL__2PRFIN20090515_155343_000000432079_00054_37683_5206.N1	15-MAY-2009 15:53:43	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37683	No
119	GOM_NL__2PRFIN20090515_160731_000000592079_00054_37683_5207.N1	15-MAY-2009 16:07:31	Tw_i_and_stray	58.500	93	53Bet Peg	2.5200	3100.0	117	37683	No
120	GOM_NL__2PRFIN20090515_161212_000000552079_00054_37683_5208.N1	15-MAY-2009 16:12:12	Dark	54.500	90	54Alp Peg	2.4870	11000.	109	37683	No
121	GOM_NL__2PRFIN20090515_163056_000000472079_00054_37683_5209.N1	15-MAY-2009 16:30:56	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37683	No
122	GOM_NL__2PRFIN20090515_164850_000000542079_00055_37684_5230.N1	15-MAY-2009 16:48:50	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	37684	No
123	GOM_NL__2PRFIN20090515_165111_000000522079_00055_37684_5231.N1	15-MAY-2009 16:51:11	Tw_i_and_stray	52.000	75	26Eps Sco	2.2910	4250.0	104	37684	No
124	GOM_NL__2PRFIN20090515_165417_000000582079_00055_37684_5232.N1	15-MAY-2009 16:54:17	Tw_i_and_stray	58.000	16	21Alp Sco	1.0200	3000.0	116	37684	No
125	GOM_NL__2PRFIN20090515_165655_000000462079_00055_37684_5233.N1	15-MAY-2009 16:56:55	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37684	No
126	GOM_NL__2PRFIN20090515_170015_000000422079_00055_37684_5234.N1	15-MAY-2009 17:00:15	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	37684	No
127	GOM_NL__2PRFIN20090515_170246_000000502079_00055_37684_5235.N1	15-MAY-2009 17:02:46	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	37684	No
128	GOM_NL__2PRFIN20090515_170556_000000442079_00055_37684_5236.N1	15-MAY-2009 17:05:56	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37684	No
129	GOM_NL__2PRFIN20090515_171222_000000432079_00055_37684_5237.N1	15-MAY-2009 17:12:22	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37684	No
130	GOM_NL__2PRFIN20090515_172322_000000422079_00055_37684_5238.N1	15-MAY-2009 17:23:22	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37684	No
131	GOM_NL__2PRFIN20090515_173418_000000442079_00055_37684_5239.N1	15-MAY-2009 17:34:18	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37684	No
132	GOM_NL__2PRFIN20090515_174807_000000612079_00055_37684_5240.N1	15-MAY-2009 17:48:07	Tw_i_and_stray	61.000	93	53Bet Peg	2.5200	3100.0	122	37684	No
133	GOM_NL__2PRFIN20090515_175249_000000542079_00055_37684_5241.N1	15-MAY-2009 17:52:49	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	37684	No
134	GOM_NL__2PRFIN20090515_181134_000000462079_00055_37684_5242.N1	15-MAY-2009 18:11:34	Dark	45.500	172	Gam Gru	3.0030	13100.	91	37684	No
135	GOM_NL__2PRFIN20090515_182927_000000542079_00056_37685_5247.N1	15-MAY-2009 18:29:27	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	37685	No
136	GOM_NL__2PRFIN20090515_183148_000000532079_00056_37685_5248.N1	15-MAY-2009 18:31:48	Tw_i_and_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	37685	No
137	GOM_NL__2PRFIN20090515_183454_000000592079_00056_37685_5249.N1	15-MAY-2009 18:34:54	Tw_i_and_stray	58.500	16	21Alp Sco	1.0200	3000.0	117	37685	No
138	GOM_NL__2PRFIN20090515_183731_000000472079_00056_37685_5250.N1	15-MAY-2009 18:37:31	Bright	47.000	97	8Bet1Sco	2.5610	30000.	94	37685	No
139	GOM_NL__2PRFIN20090515_184050_000000422079_00056_37685_5251.N1	15-MAY-2009 18:40:50	Bright	42.000	98	13Zet Oph	2.5710	30000.	84	37685	No
140	GOM_NL__2PRFIN20090515_184322_000000492079_00056_37685_5252.N1	15-MAY-2009 18:43:22	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37685	No
141	GOM_NL__2PRFIN20090515_184632_000000442079_00056_37685_5253.N1	15-MAY-2009 18:46:32	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37685	No
142	GOM_NL__2PRFIN20090515_185258_000000432079_00056_37685_5254.N1	15-MAY-2009 18:52:58	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37685	No
143	GOM_NL__2PRFIN20090515_190357_000000422079_00056_37685_5255.N1	15-MAY-2009 19:03:57	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37685	No
144	GOM_NL__2PRFIN20090515_191454_000000442079_00056_37685_5256.N1	15-MAY-2009 19:14:54	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37685	No
145	GOM_NL__2PRFIN20090515_192843_000000592079_00056_37685_5257.N1	15-MAY-2009 19:28:43	Tw_i_and_stray	58.500	93	53Bet Peg	2.5200	3100.0	117	37685	No
146	GOM_NL__2PRFIN20090515_193325_000000552079_00056_37685_5258.N1	15-MAY-2009 19:33:25	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37685	No
147	GOM_NL__2PRFIN20090515_195210_000000462079_00056_37685_5259.N1	15-MAY-2009 19:52:10	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37685	No
148	GOM_NL__2PRFIN20090515_200811_000000492079_00057_37686_5264.N1	15-MAY-2009 20:08:11	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37686	No
149	GOM_NL__2PRFIN20090515_201003_000000532079_00057_37686_5265.N1	15-MAY-2009 20:10:03	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37686	No
150	GOM_NL__2PRFIN20090515_201224_000000532079_00057_37686_5266.N1	15-MAY-2009 20:12:24	Tw_i_and_stray	52.500	75	26Eps Sco	2.2910	4250.0	105	37686	No
151	GOM_NL__2PRFIN20090515_201530_000000592079_00057_37686_5267.N1	15-MAY-2009 20:15:30	Tw_i_and_stray	58.500	16	21Alp Sco	1.0200	3000.0	117	37686	No
152	GOM_NL__2PRFIN20090515_201807_000000462079_00057_37686_5268.N1	15-MAY-2009 20:18:07	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37686	No
153	GOM_NL__2PRFIN20090515_202126_000000482079_00057_37686_5269.N1	15-MAY-2009 20:21:26	Bright	48.000	98	13Zet Oph	2.5710	30000.	96	37686	No
154	GOM_NL__2PRFIN20090515_202357_000000492079_00057_37686_5270.N1	15-MAY-2009 20:23:57	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37686	No
155	GOM_NL__2PRFIN20090515_202708_000000432079_00057_37686_5271.N1	15-MAY-2009 20:27:08	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37686	No
156	GOM_NL__2PRFIN20090515_203333_000000432079_00057_37686_5272.N1	15-MAY-2009 20:33:33	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37686	No
157	GOM_NL__2PRFIN20090515_204433_000000422079_00057_37686_5273.N1	15-MAY-2009 20:44:33	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37686	No
158	GOM_NL__2PRFIN20090515_205529_000000582079_00057_37686_5274.N1	15-MAY-2009 20:55:29	Bright	57.500	89	5Alp Cep	2.4510	8000.0	115	37686	No
159	GOM_NL__2PRFIN20090515_210919_000000582079_00057_37686_5275.N1	15-MAY-2009 21:09:19	Tw_i_and_stray	58.000	93	53Bet Peg	2.5200	3100.0	116	37686	No
160	GOM_NL__2PRFIN20090515_211402_000000552079_00057_37686_5276.N1	15-MAY-2009 21:14:02	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37686	No

161	GOM_NL__2PRFIN20090515_213248_000000462079_00057_37686_5277.N1	15-MAY-2009 21:32:48	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37686	No
162	GOM_NL__2PRFIN20090515_214848_000000492079_00058_37687_5282.N1	15-MAY-2009 21:48:48	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37687	No
163	GOM_NL__2PRFIN20090515_215040_000000552079_00058_37687_5283.N1	15-MAY-2009 21:50:40	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	37687	No
164	GOM_NL__2PRFIN20090515_225438_000000562079_00058_37687_5284.N1	15-MAY-2009 22:54:38	Dark	56.000	90	54Alp Peg	2.4870	11000.	112	37687	No
165	GOM_NL__2PRFIN20090515_231325_000000452079_00058_37687_5285.N1	15-MAY-2009 23:13:25	Dark	45.000	172	Gam Gru	3.0030	13100.	90	37687	No
166	GOM_NL__2PRFIN20090515_232924_000000602079_00059_37688_5297.N1	15-MAY-2009 23:29:24	Straylight	59.500	40	The Sco	1.8590	7100.0	119	37688	No
167	GOM_NL__2PRFIN20090515_233116_000000512079_00059_37688_5298.N1	15-MAY-2009 23:31:16	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37688	No
168	GOM_NL__2PRFIN20090515_233337_000000542079_00059_37688_5299.N1	15-MAY-2009 23:33:37	Twilight_and_stray	53.500	75	26Eps Sco	2.2910	4250.0	107	37688	No
169	GOM_NL__2PRFIN20090515_233642_000000572079_00059_37688_5300.N1	15-MAY-2009 23:36:42	Twilight_and_stray	57.000	16	21Alp Sco	1.0200	3000.0	114	37688	No
170	GOM_NL__2PRFIN20090515_233919_000000472079_00059_37688_5301.N1	15-MAY-2009 23:39:19	Bright	47.000	97	8Bet1Sco	2.5610	30000.	94	37688	No
171	GOM_NL__2PRFIN20090515_234238_000000532079_00059_37688_5302.N1	15-MAY-2009 23:42:38	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	37688	No
172	GOM_NL__2PRFIN20090515_234508_000000502079_00059_37688_5303.N1	15-MAY-2009 23:45:08	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	37688	No
173	GOM_NL__2PRFIN20090515_234819_000000442079_00059_37688_5304.N1	15-MAY-2009 23:48:19	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37688	No
174	GOM_NL__2PRFIN20090515_235444_000000432079_00059_37688_5305.N1	15-MAY-2009 23:54:44	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37688	No

3. Quality information per product

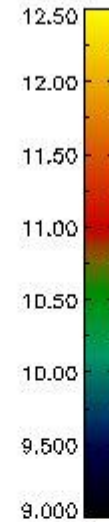
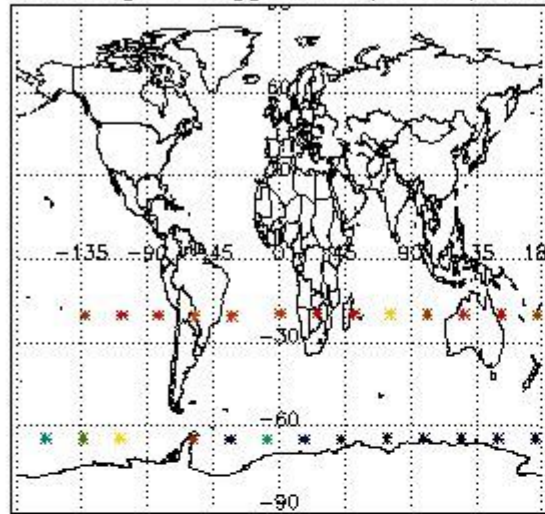
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

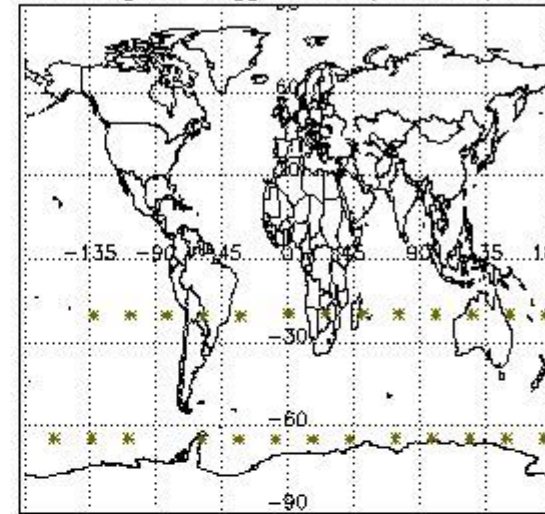


3.2 Plot quality information per product (world map)

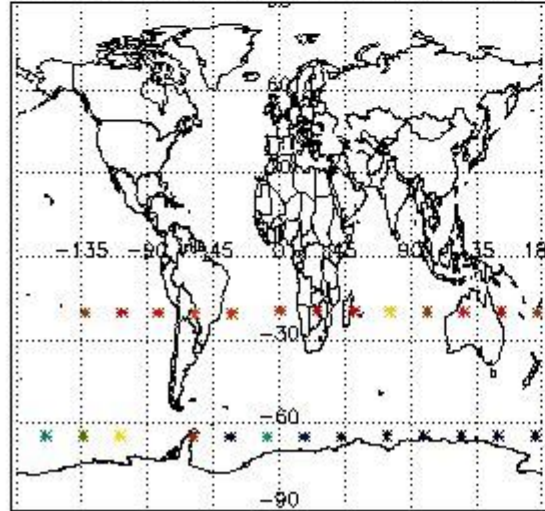
Percentage of flagged data per O3 profile



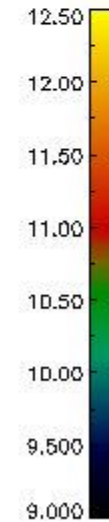
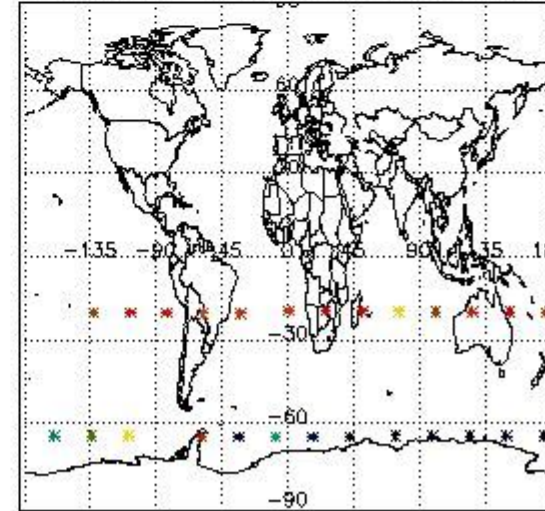
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

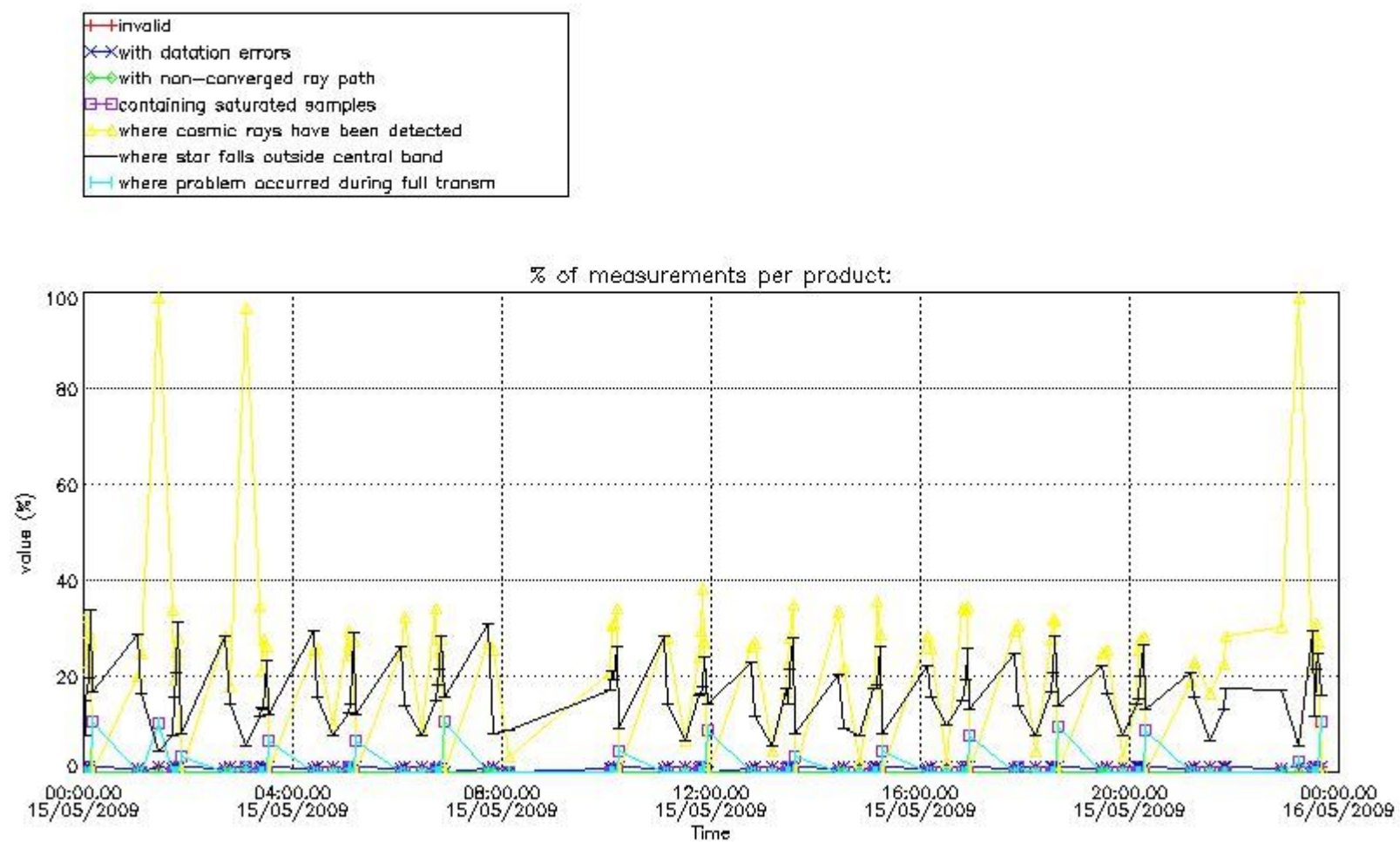


4. Level 1 quality information per product

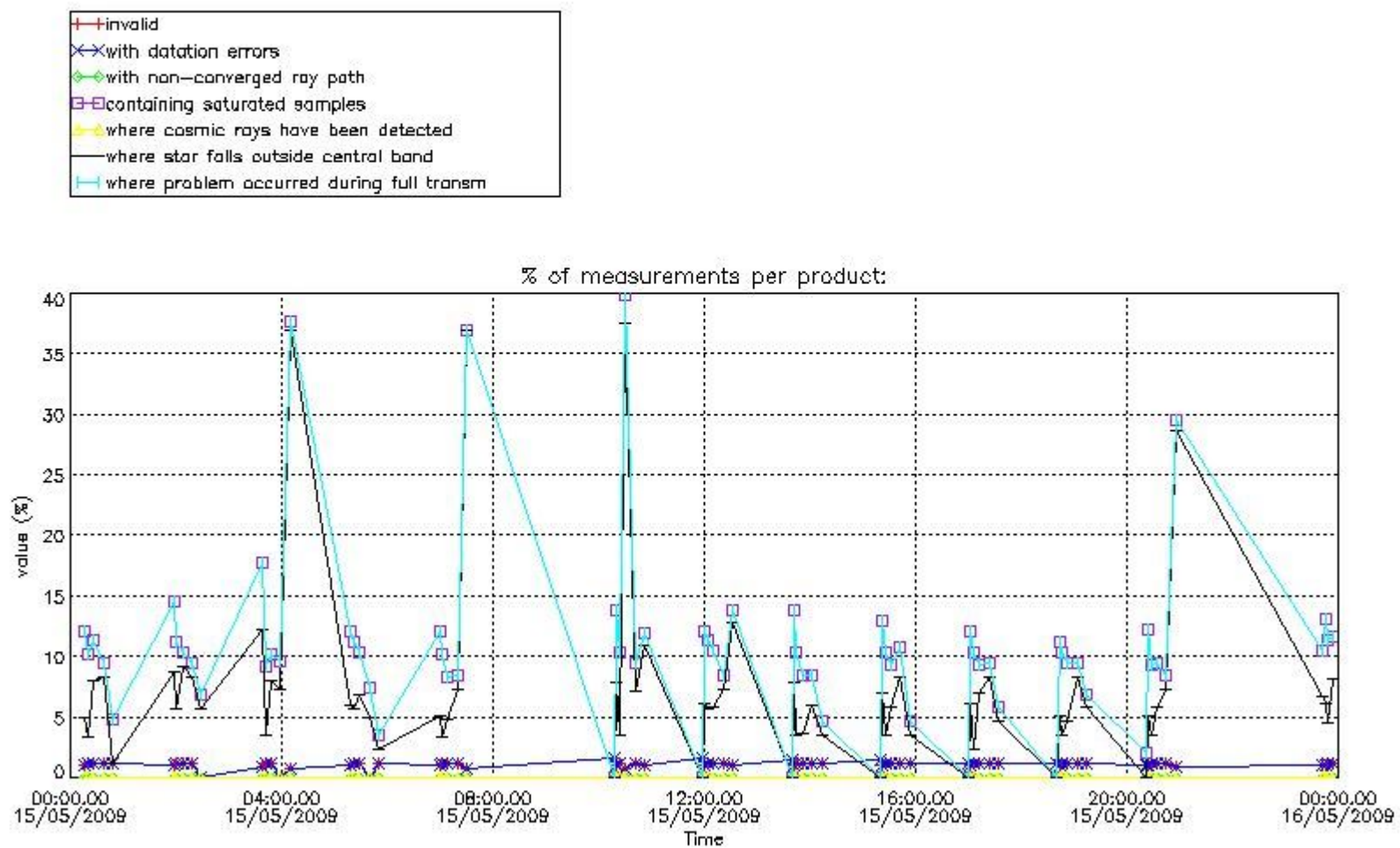
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

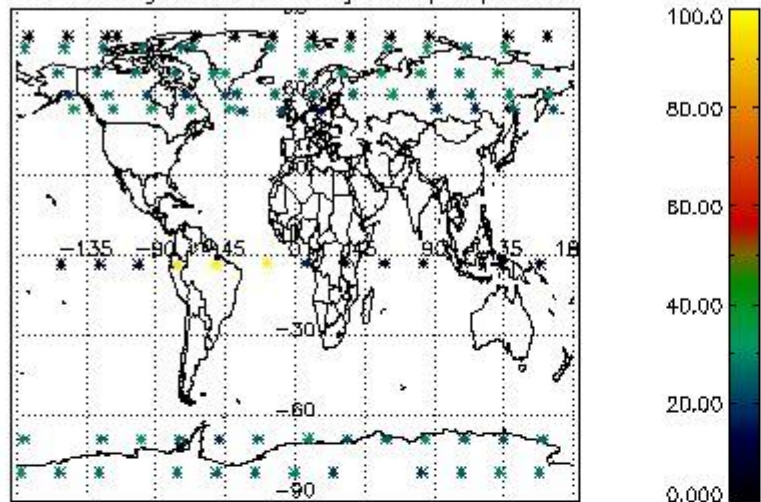


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

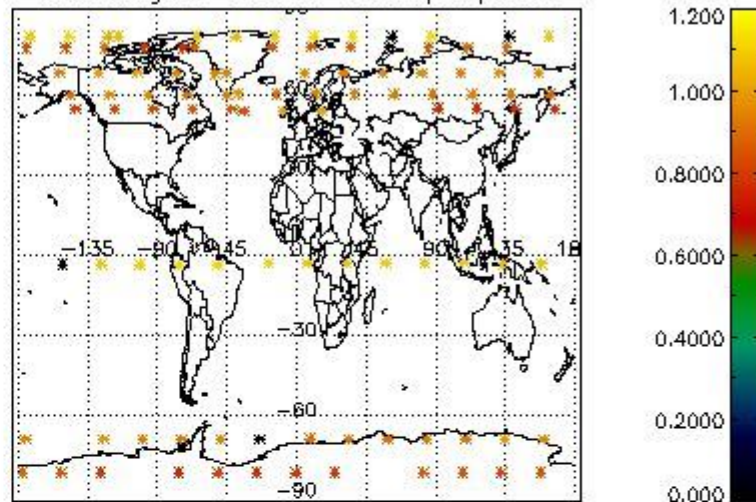


4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

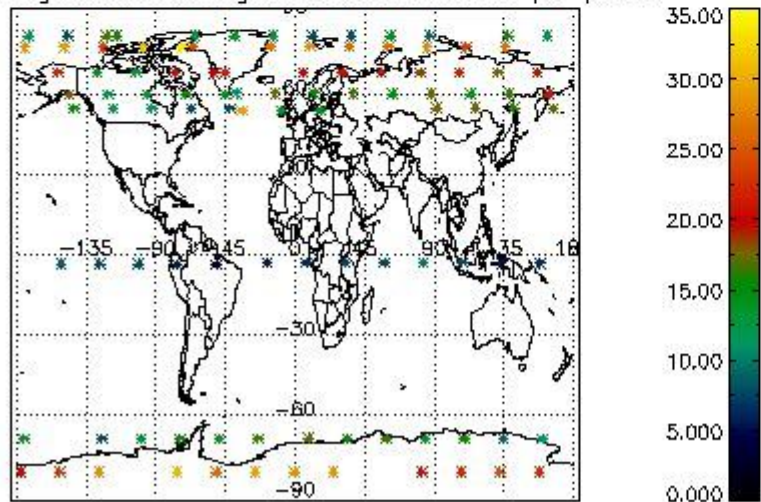
Percentage of cosmic ray hits per profile



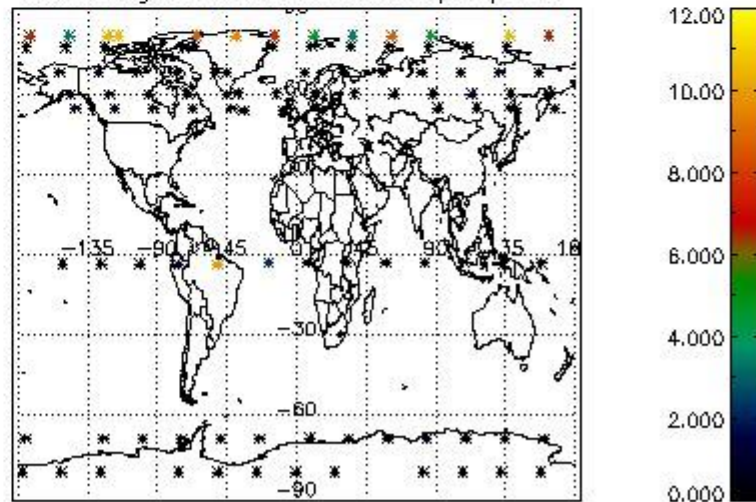
Percentage of datation errors per profile



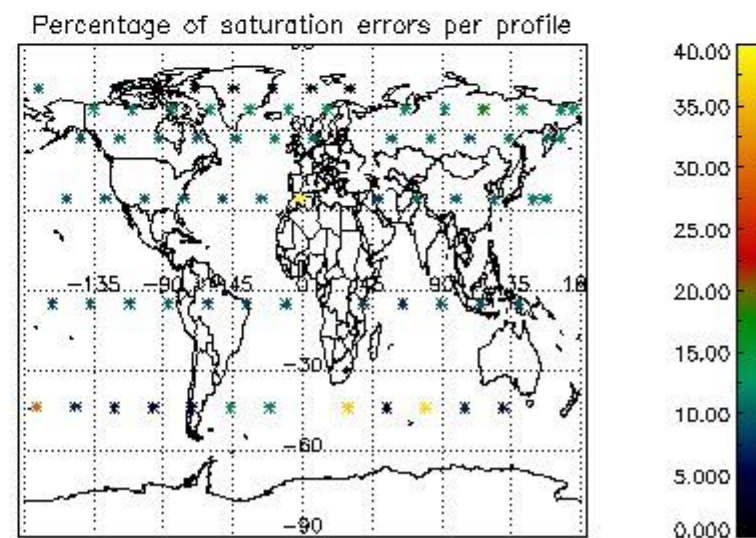
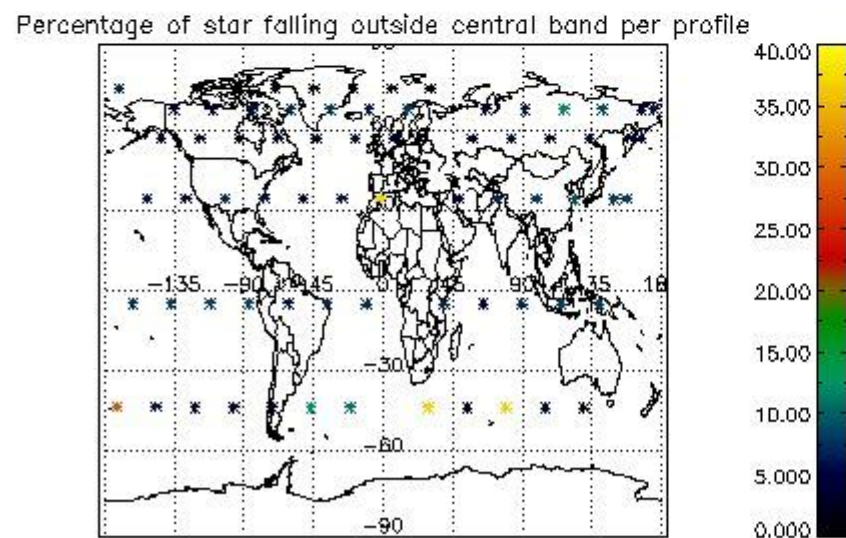
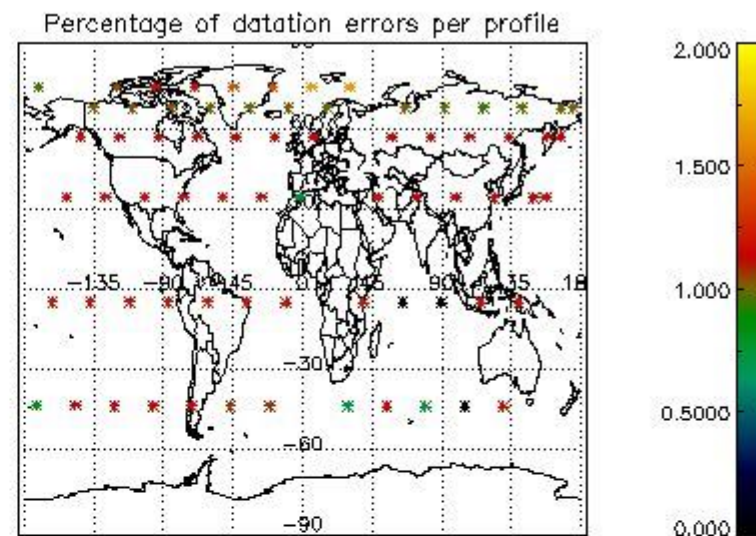
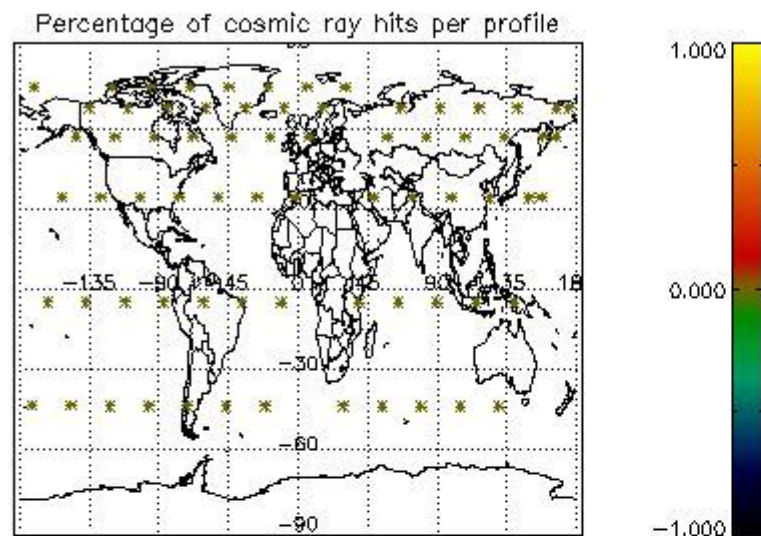
Percentage of star falling outside central band per profile



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

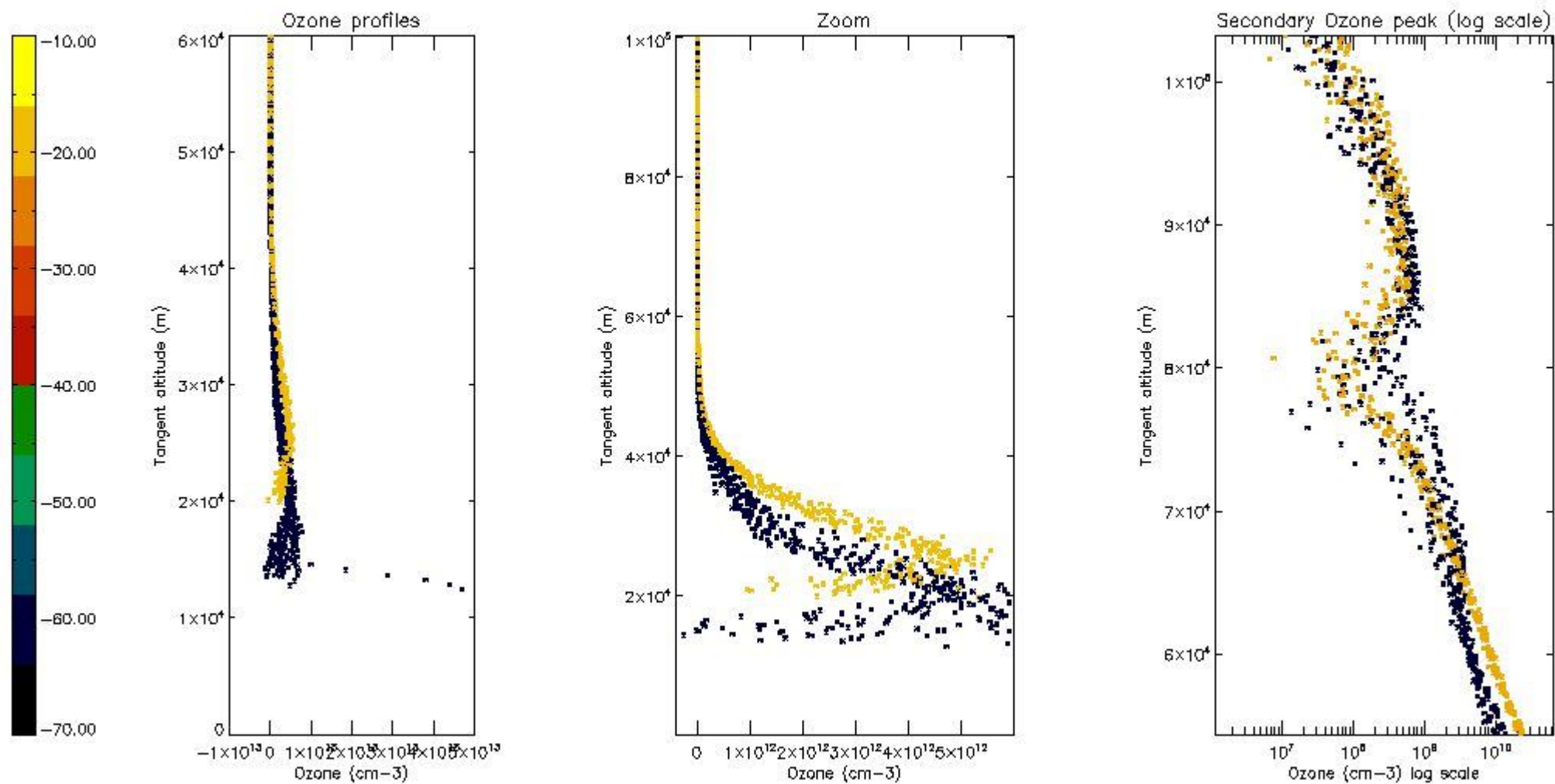
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	15
STD < 20	9

STD < 10	7
STD < 5	2

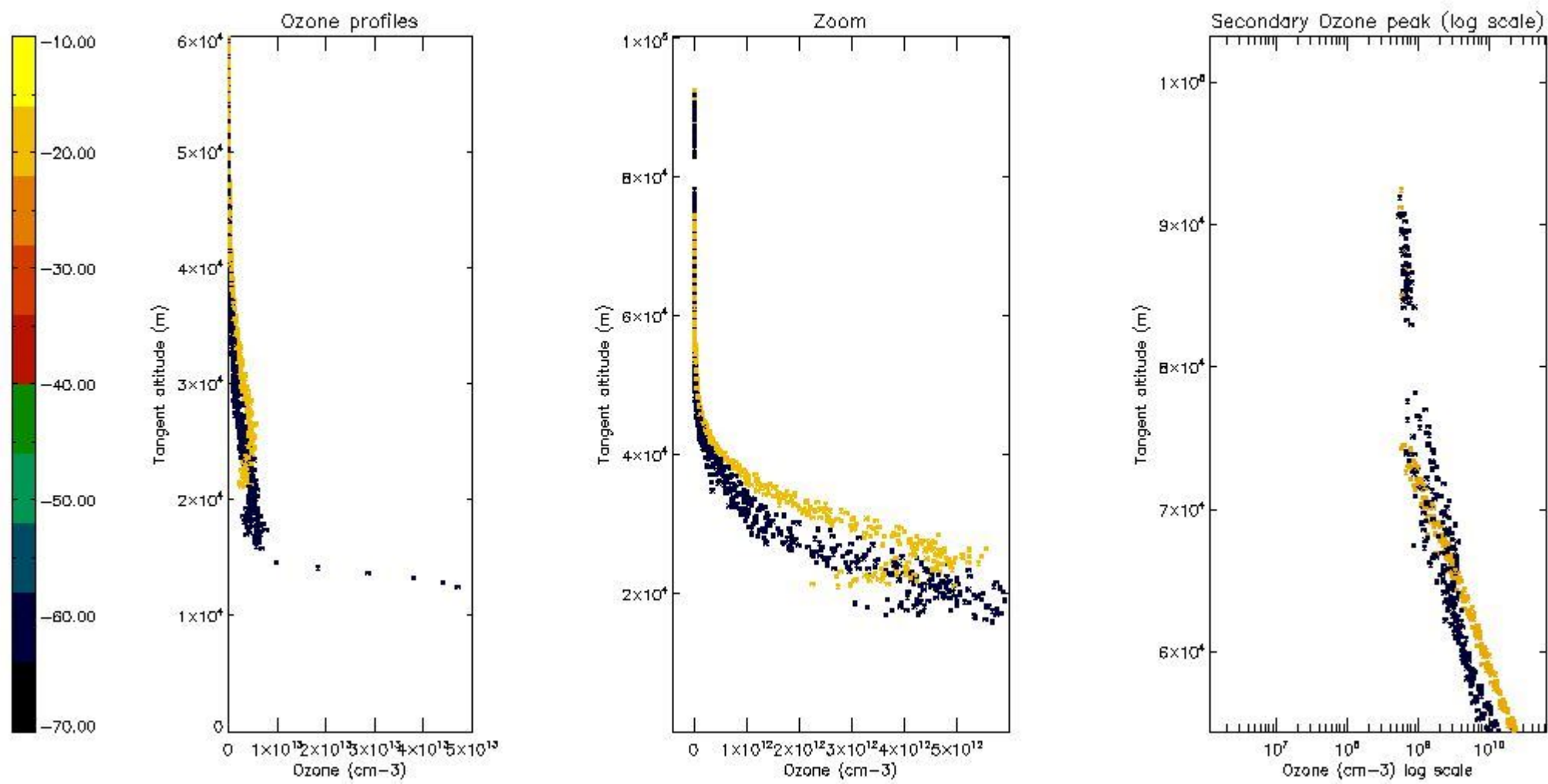
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



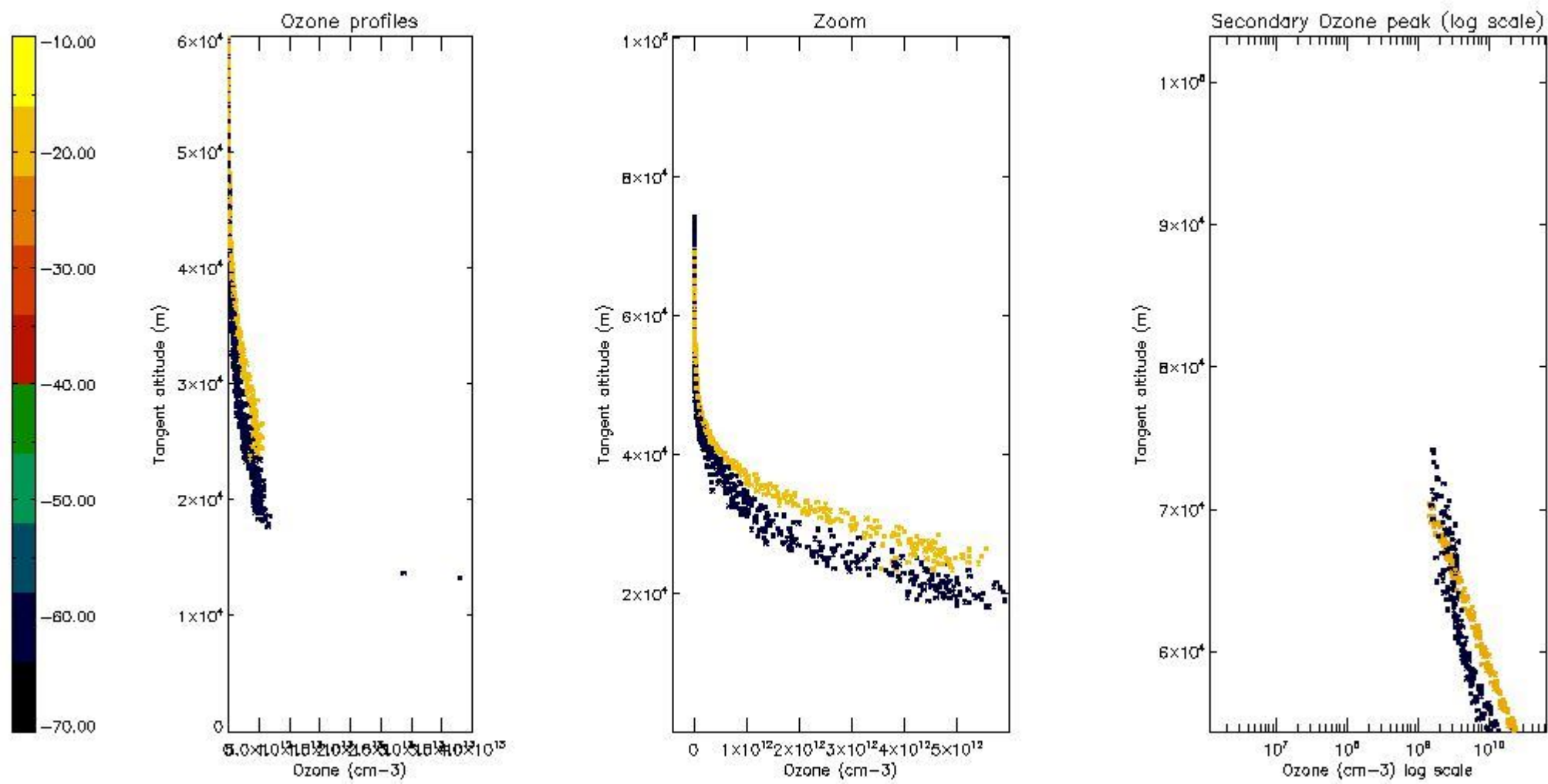
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



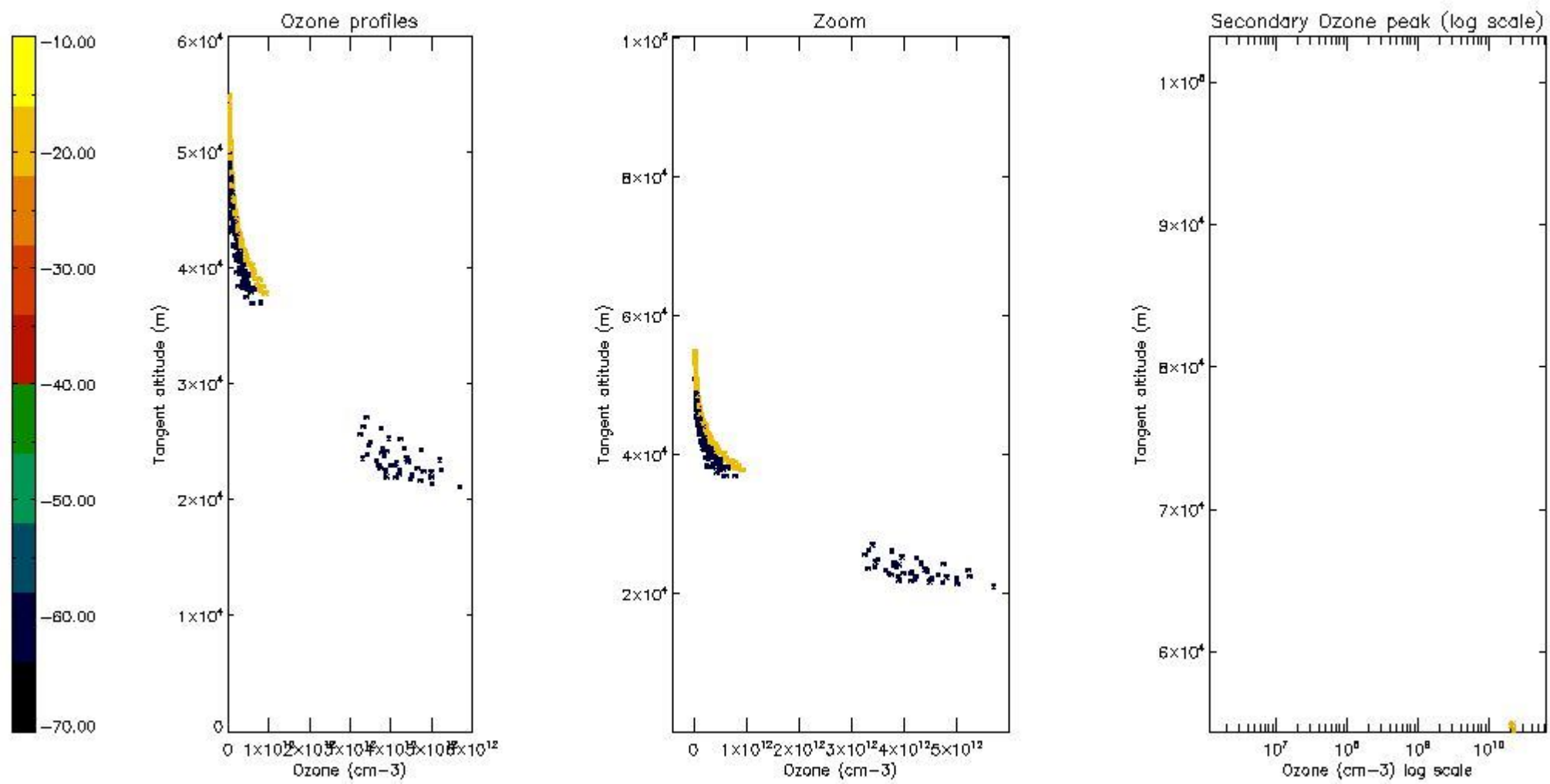
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



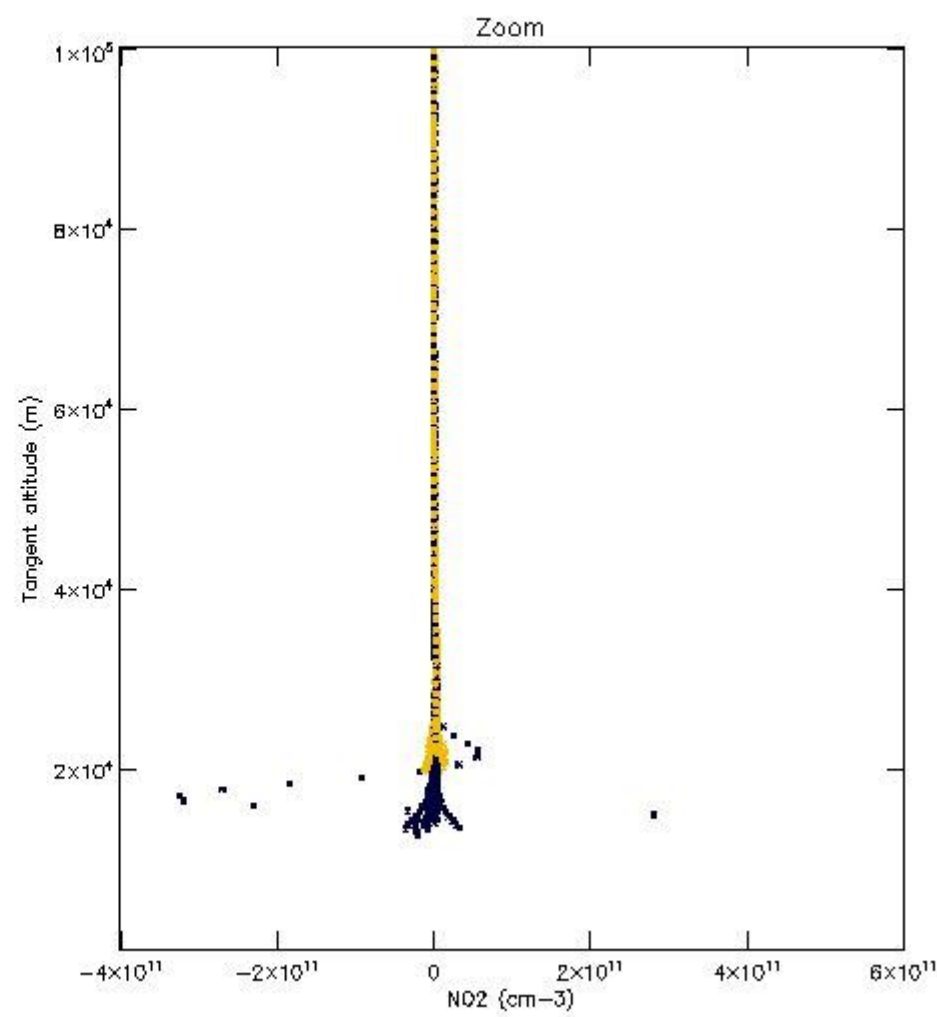
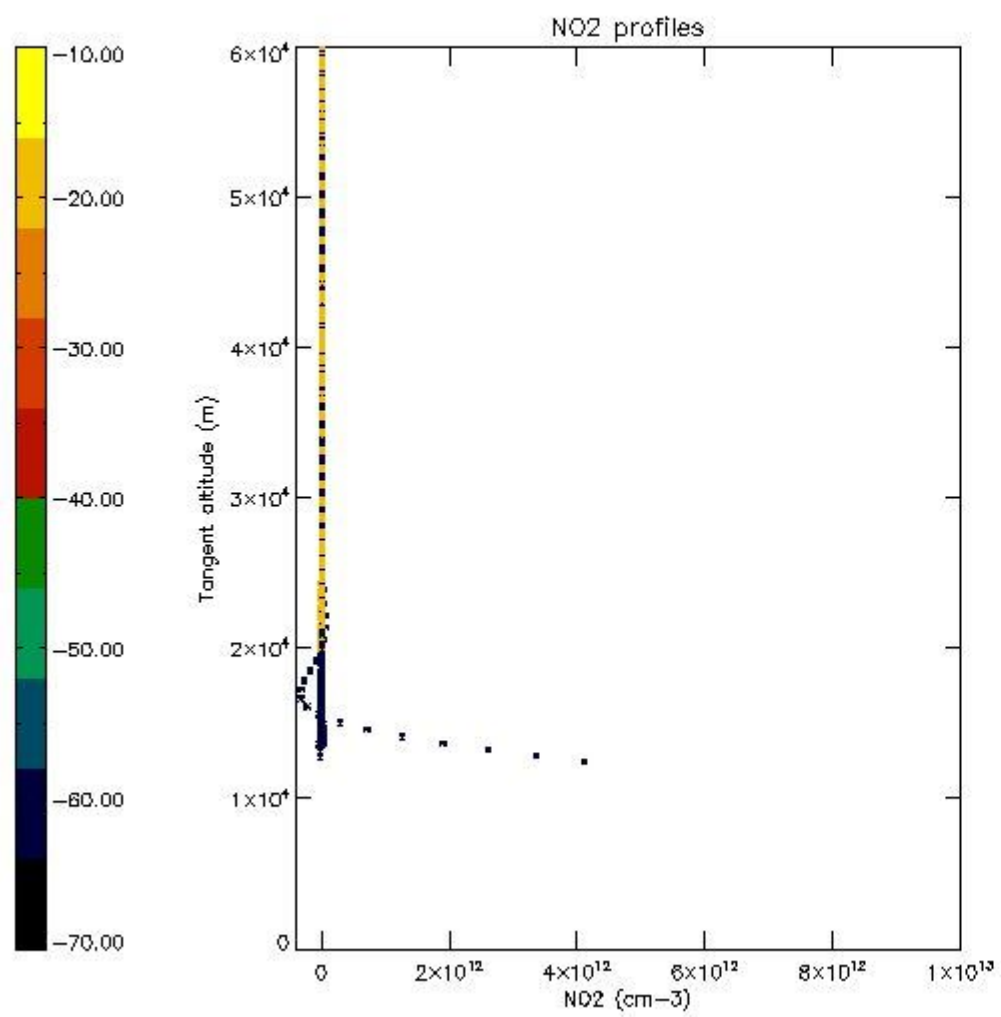
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



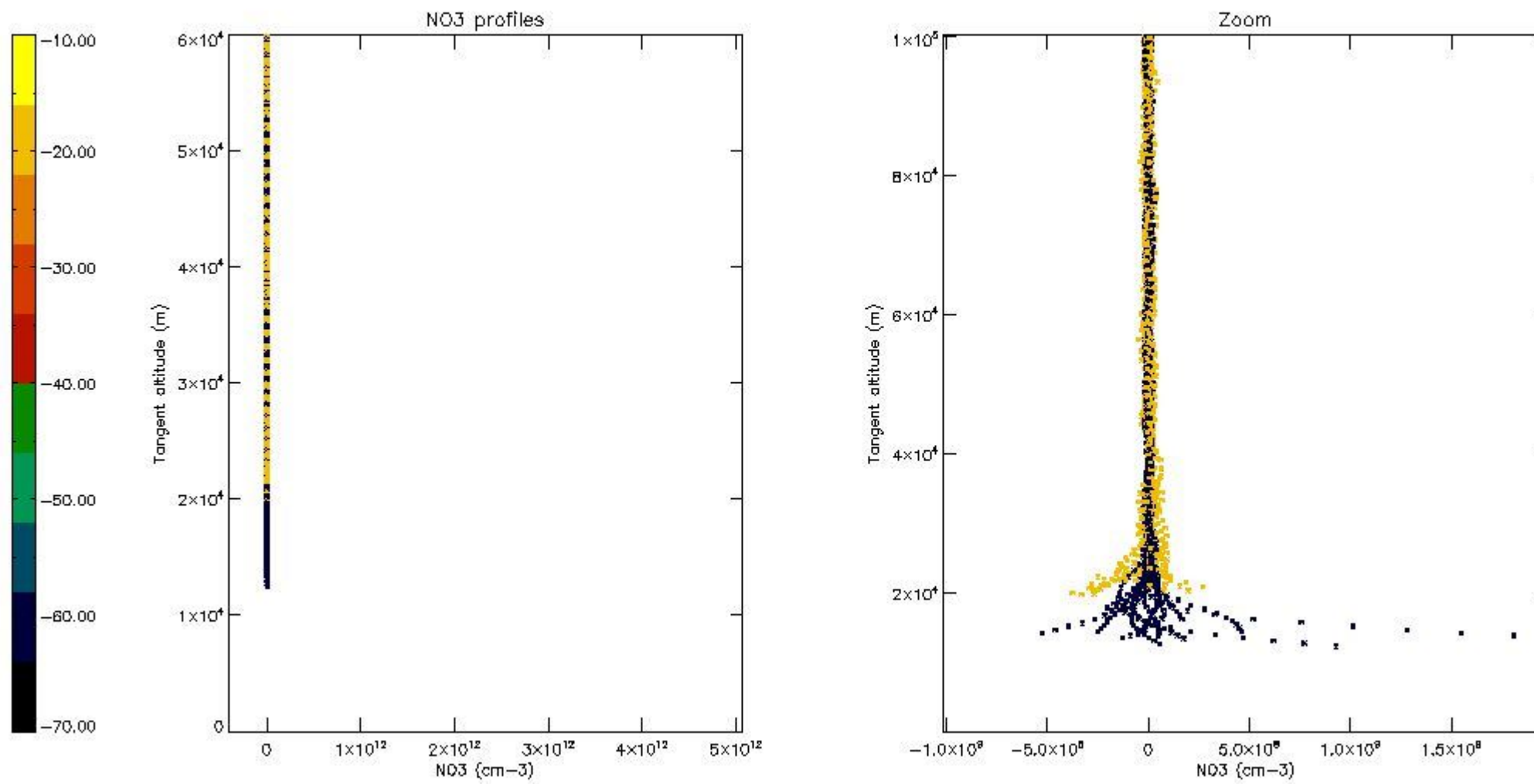
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

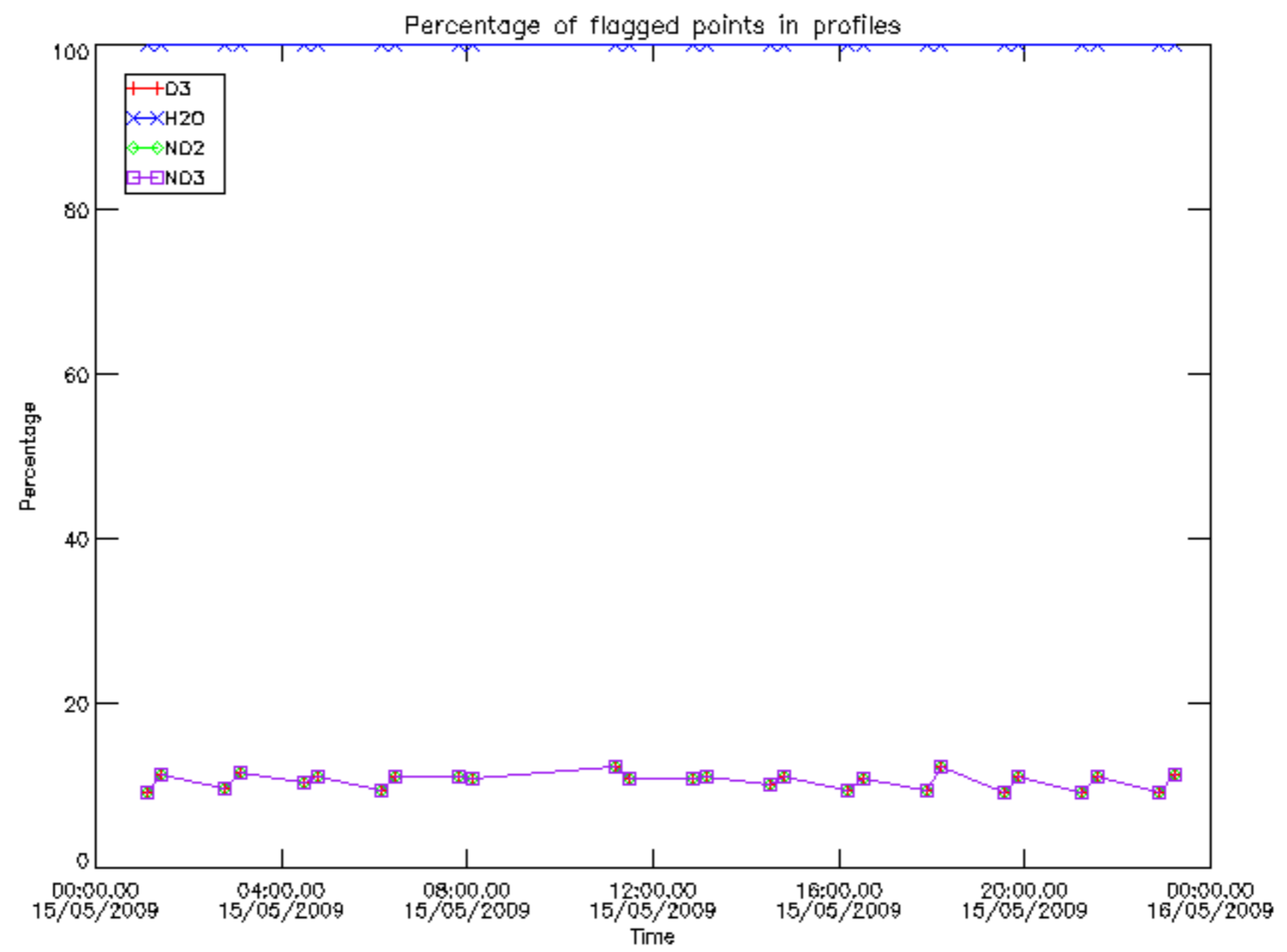
The colorbar represents the latitude.



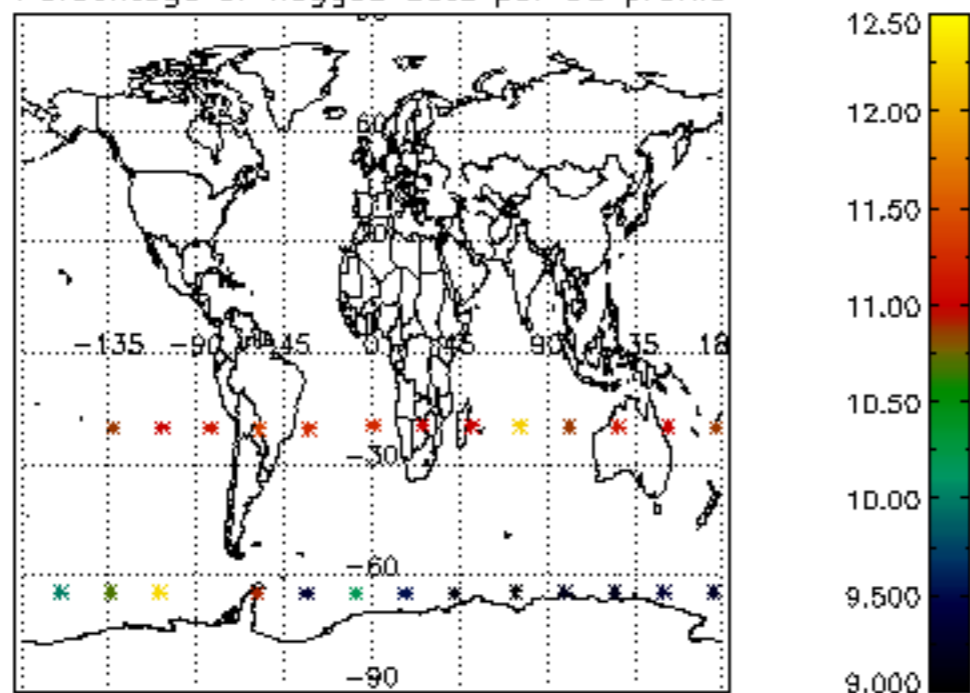
6. Auxiliary Data Files used for the production reported in section 2

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.

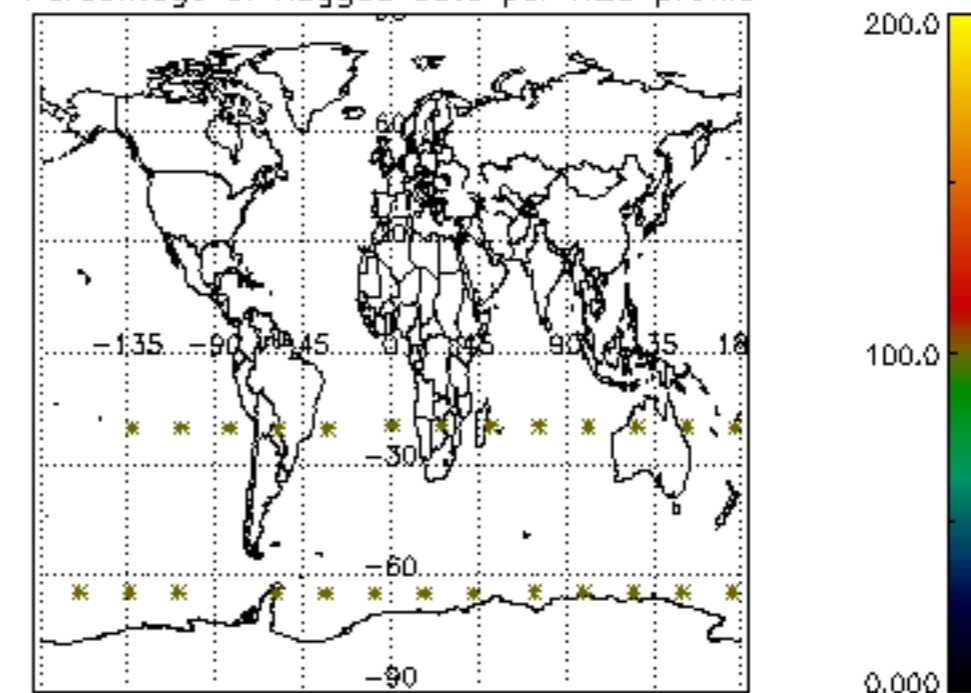
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	15-MAY-2009 00:01:10
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-MAY-2009 00:01:10
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-MAY-2009 00:01:10



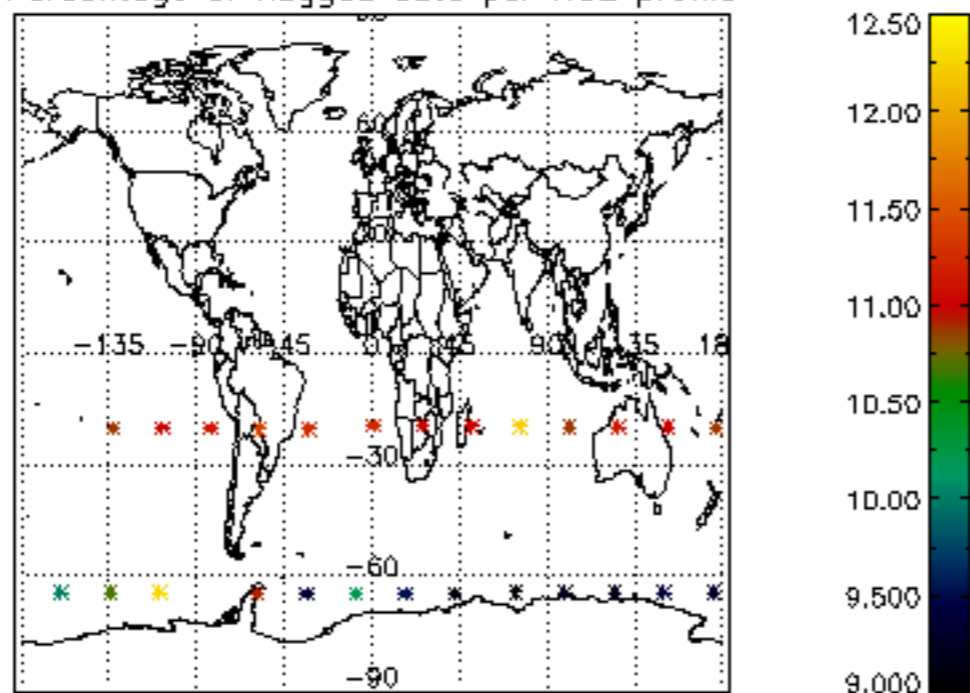
Percentage of flagged data per D3 profile



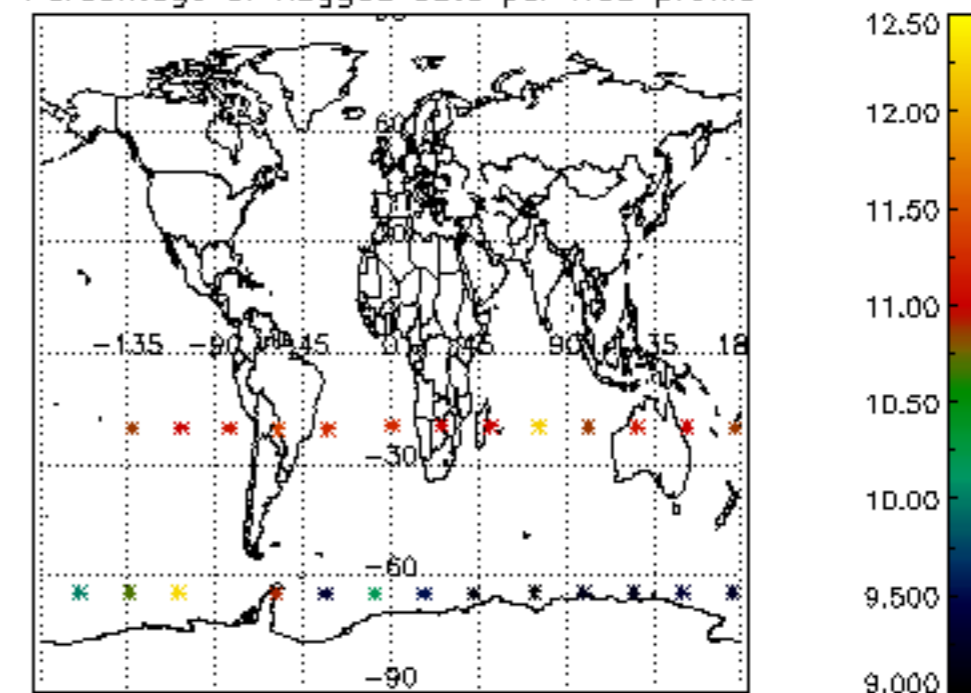
Percentage of flagged data per H2O profile

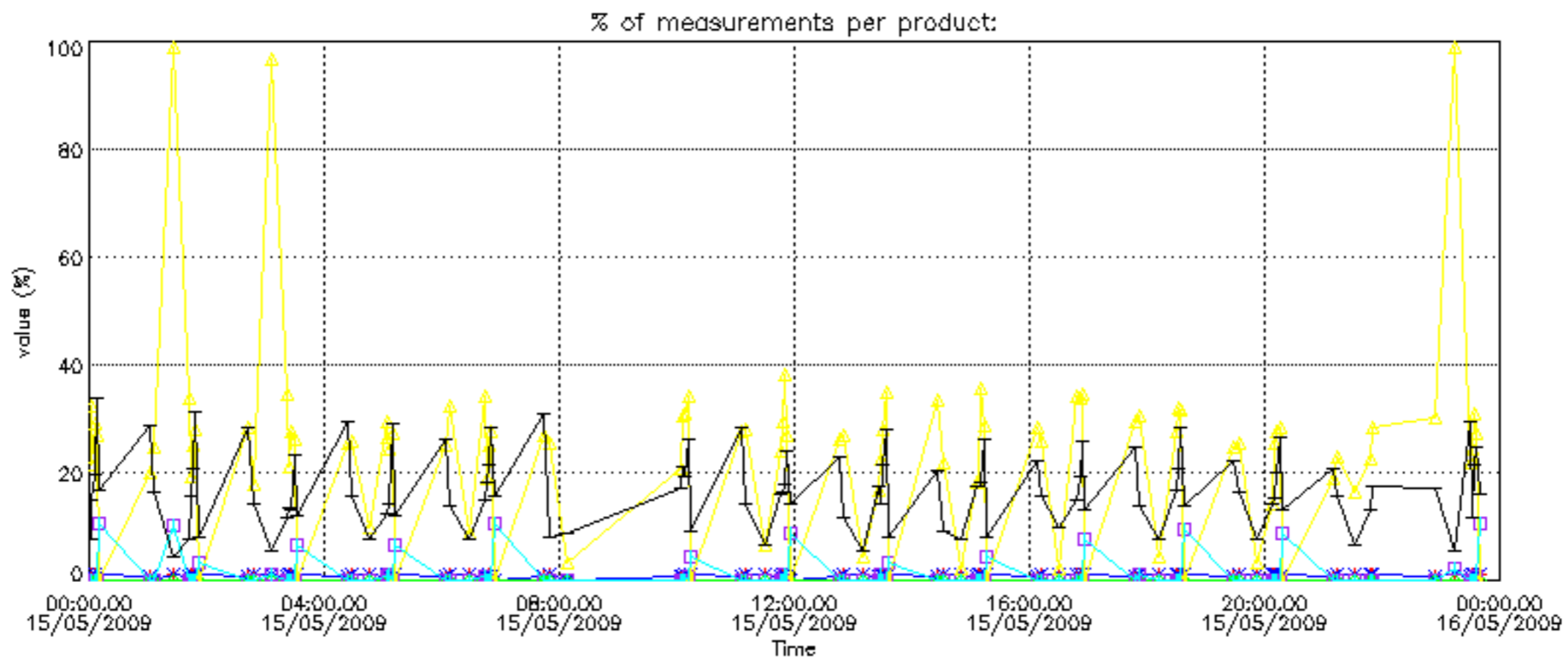


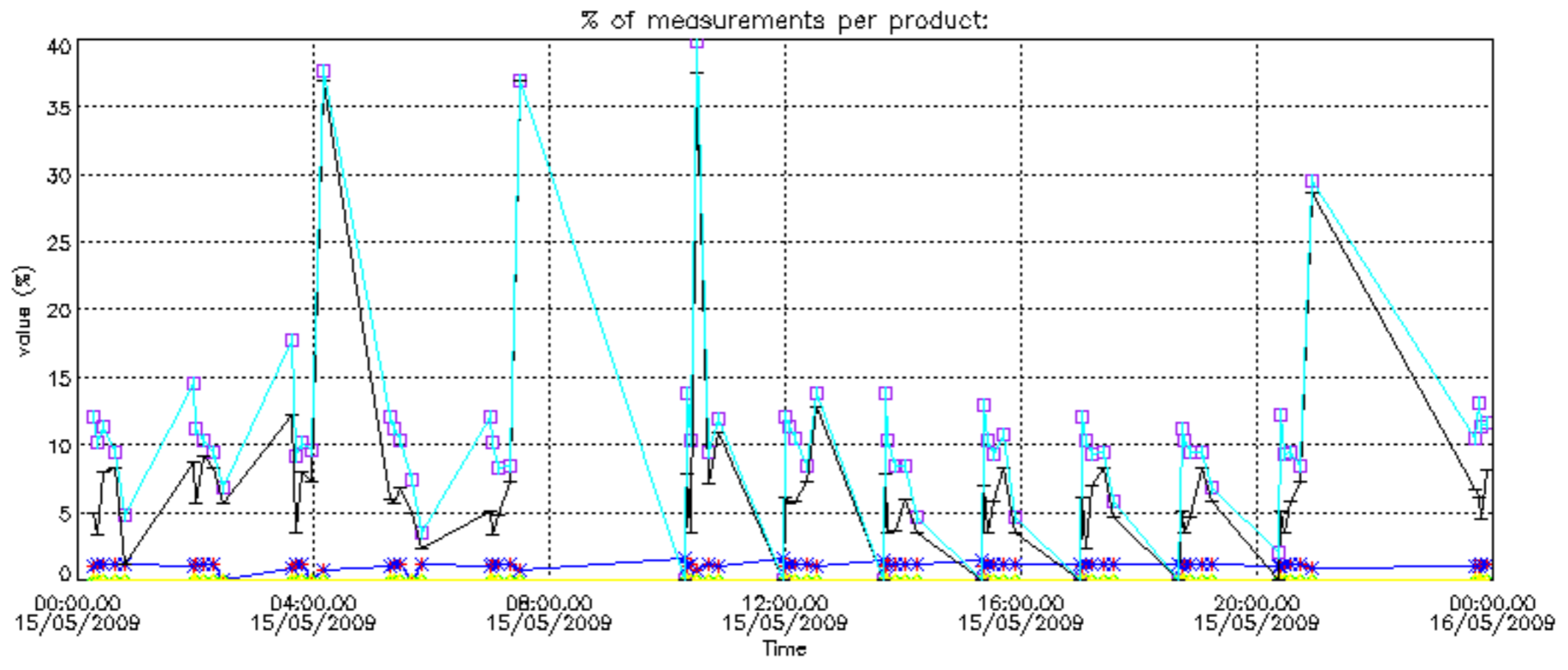
Percentage of flagged data per NO2 profile



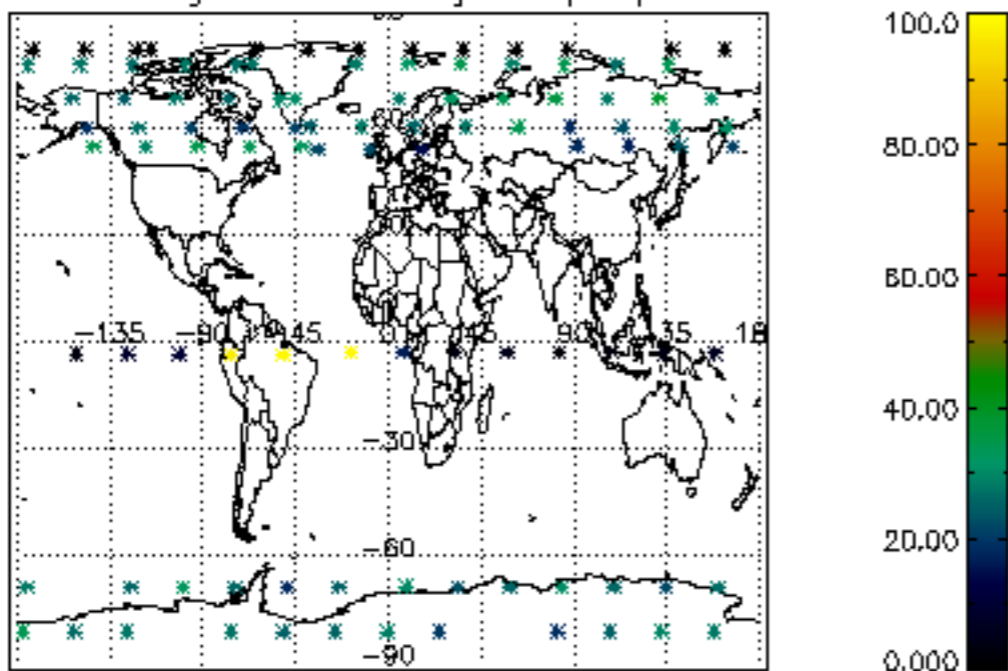
Percentage of flagged data per NO3 profile



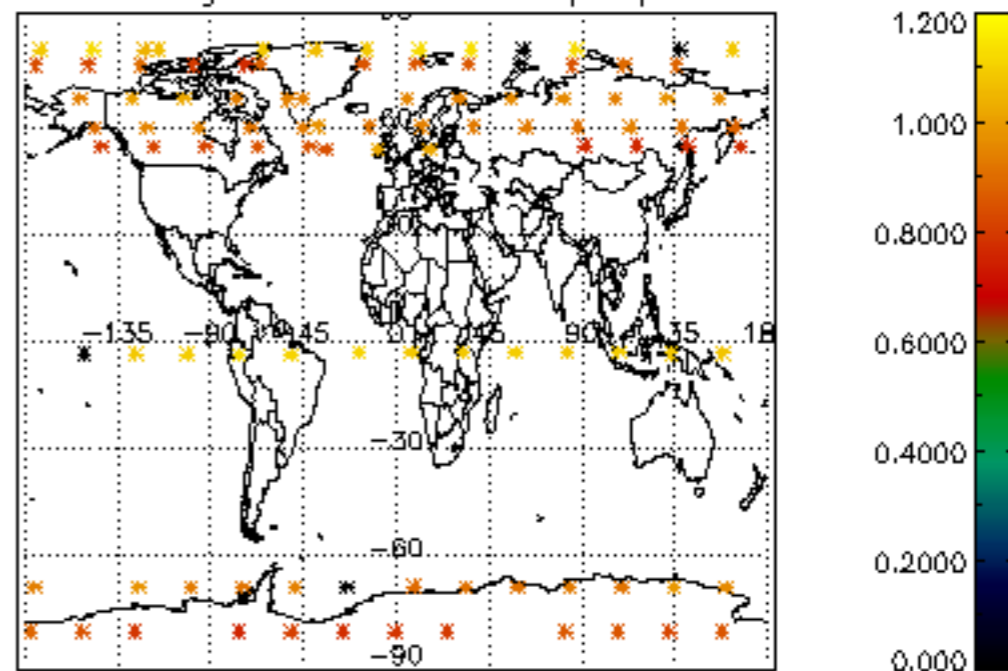




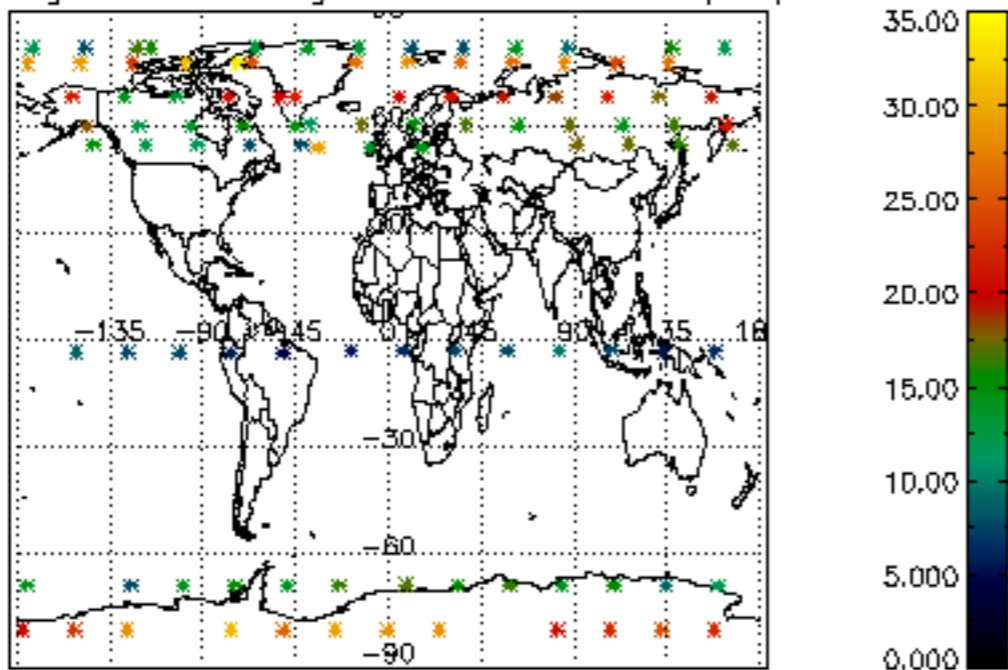
Percentage of cosmic ray hits per profile



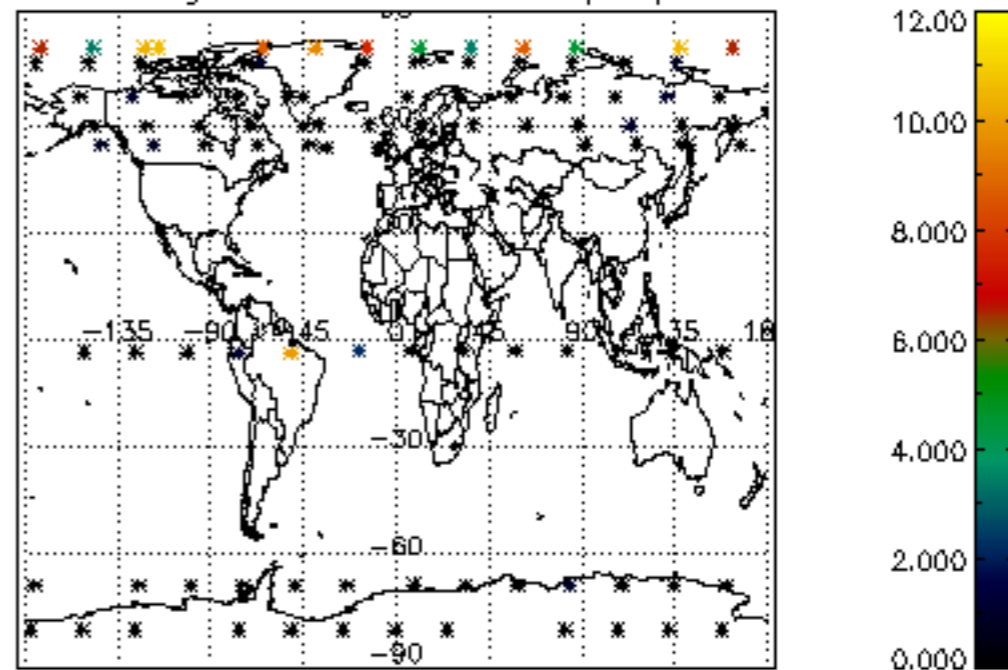
Percentage of datation errors per profile



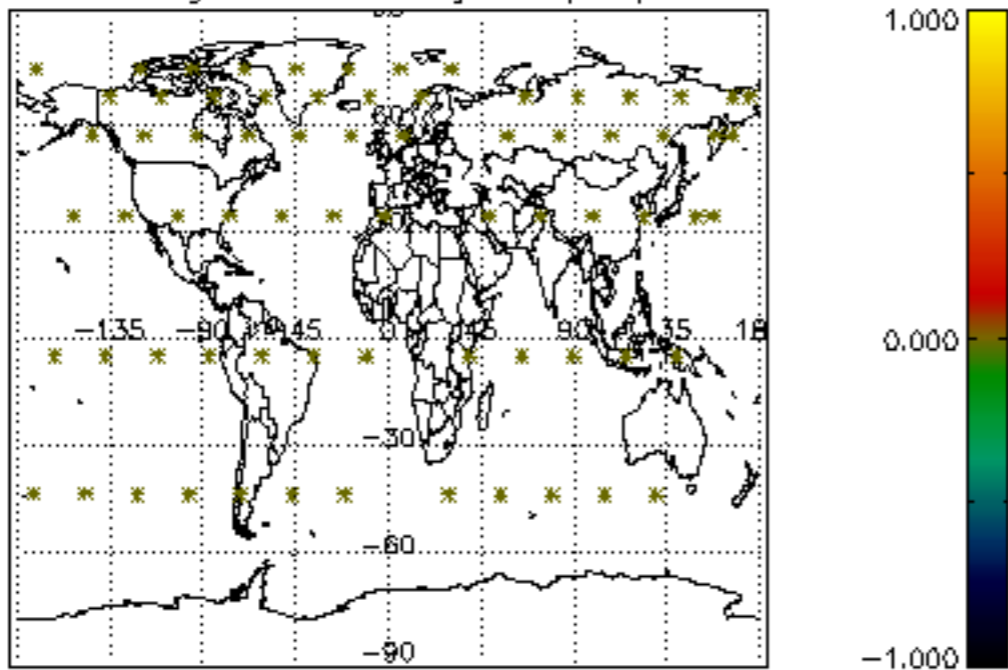
Percentage of star falling outside central band per profile



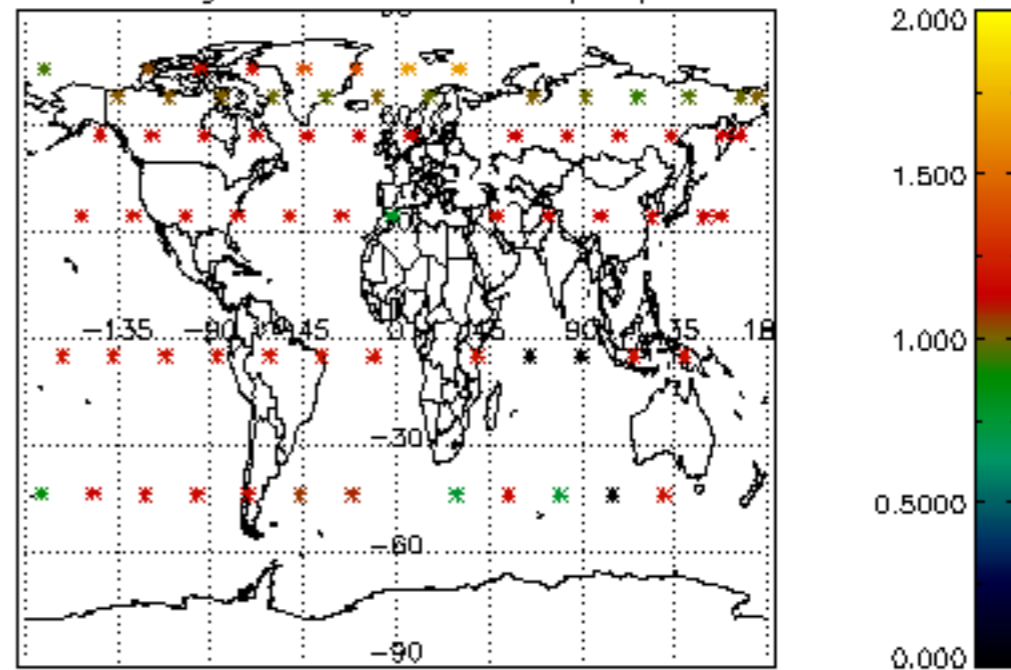
Percentage of saturation errors per profile



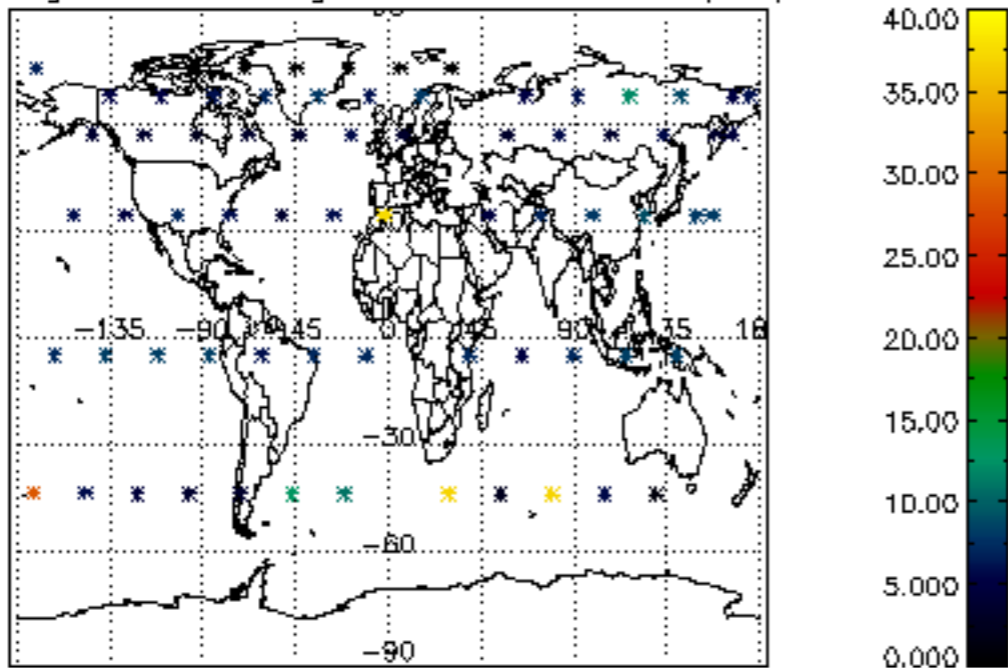
Percentage of cosmic ray hits per profile



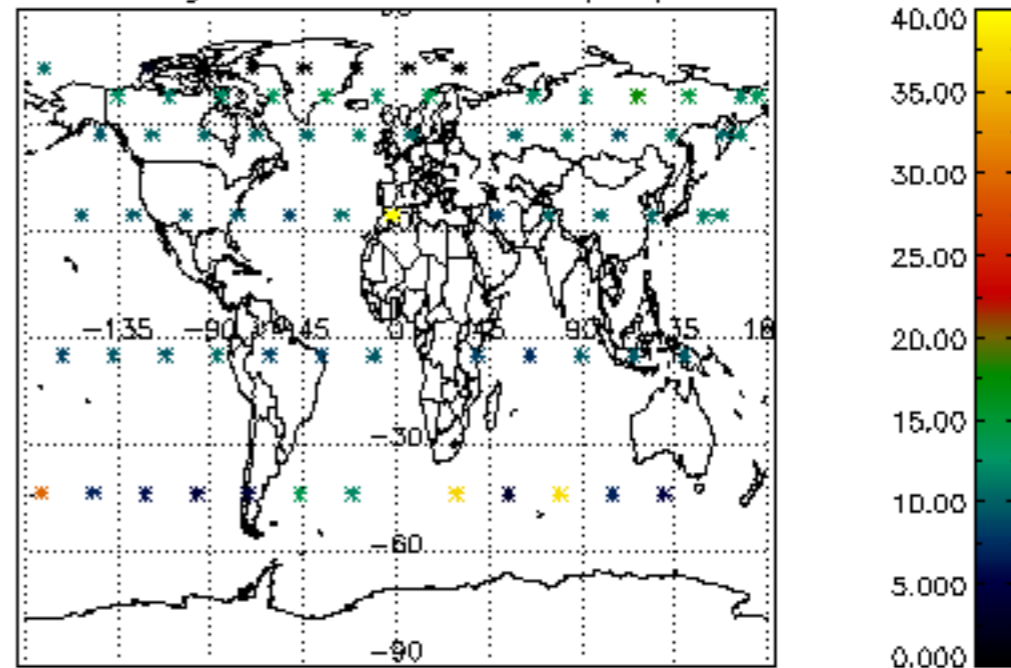
Percentage of datation errors per profile

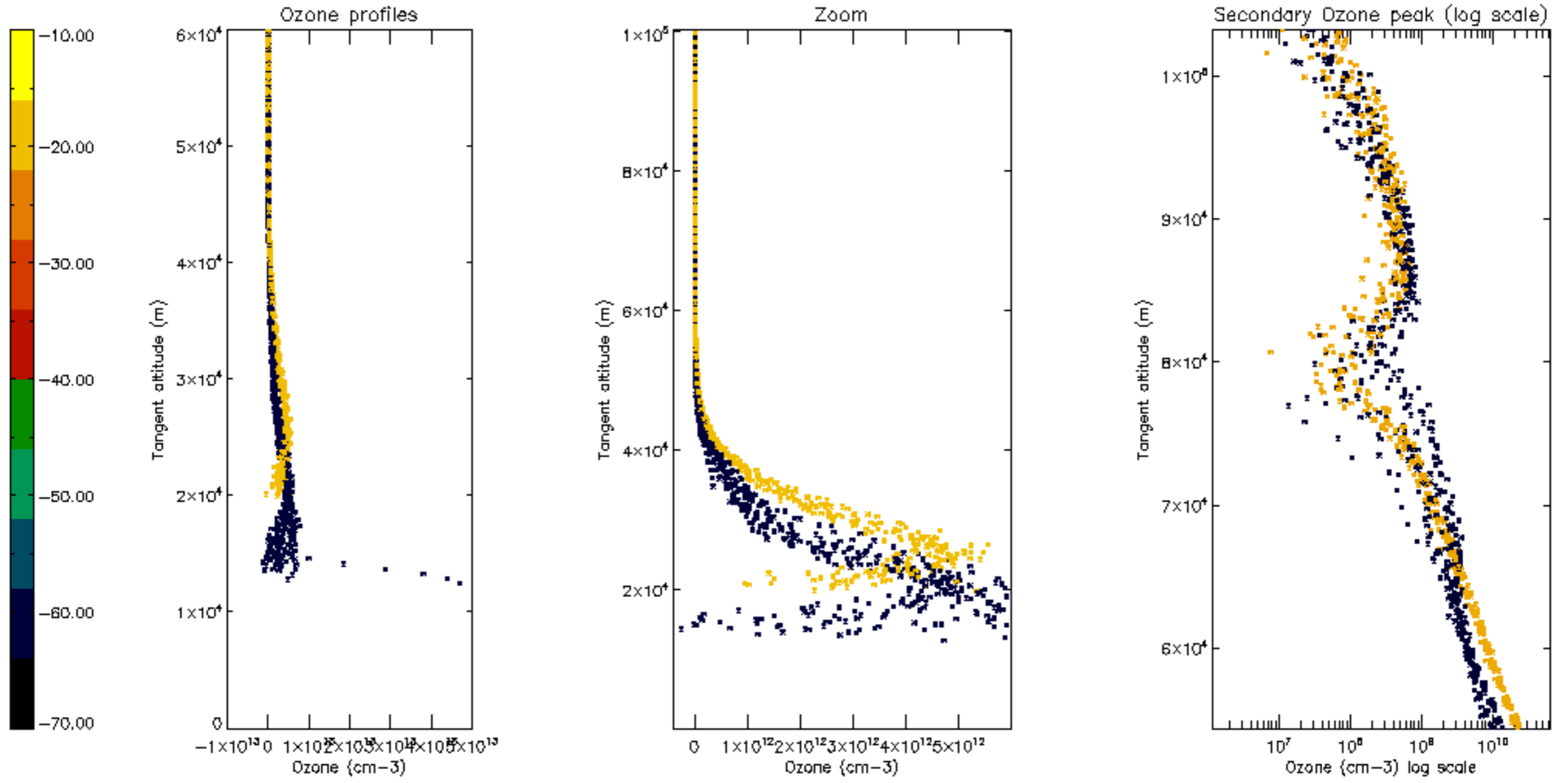


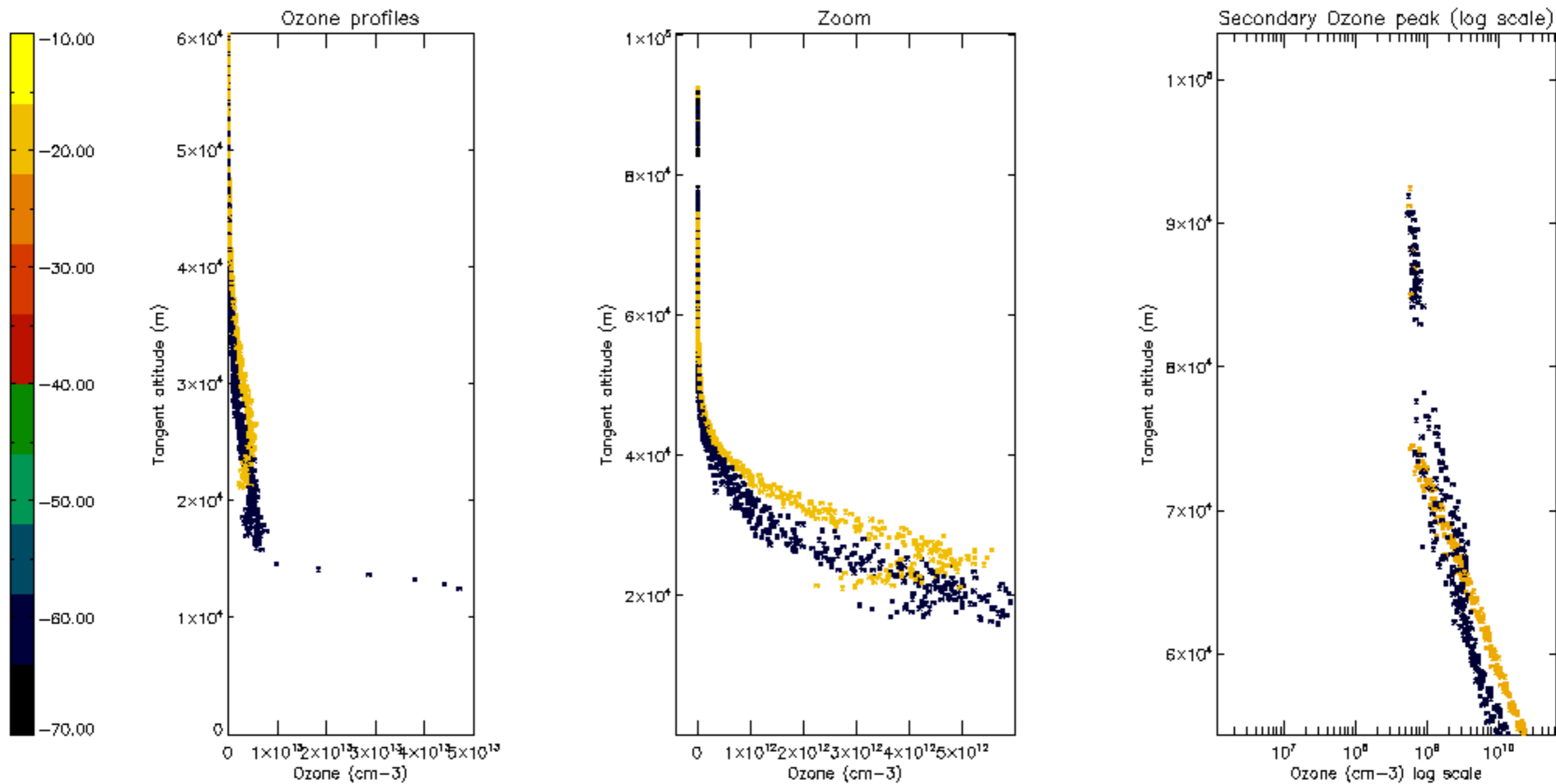
Percentage of star falling outside central band per profile

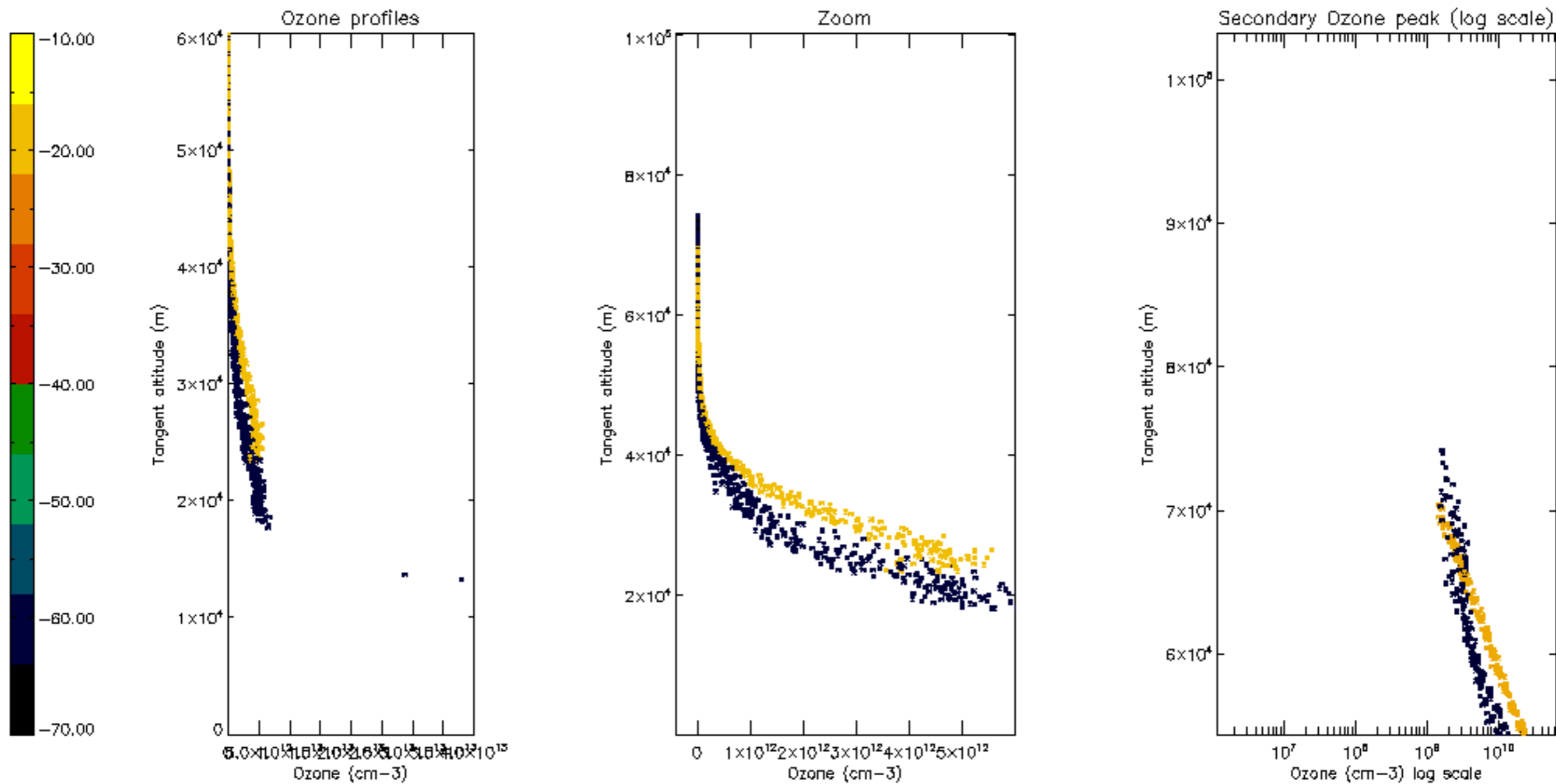


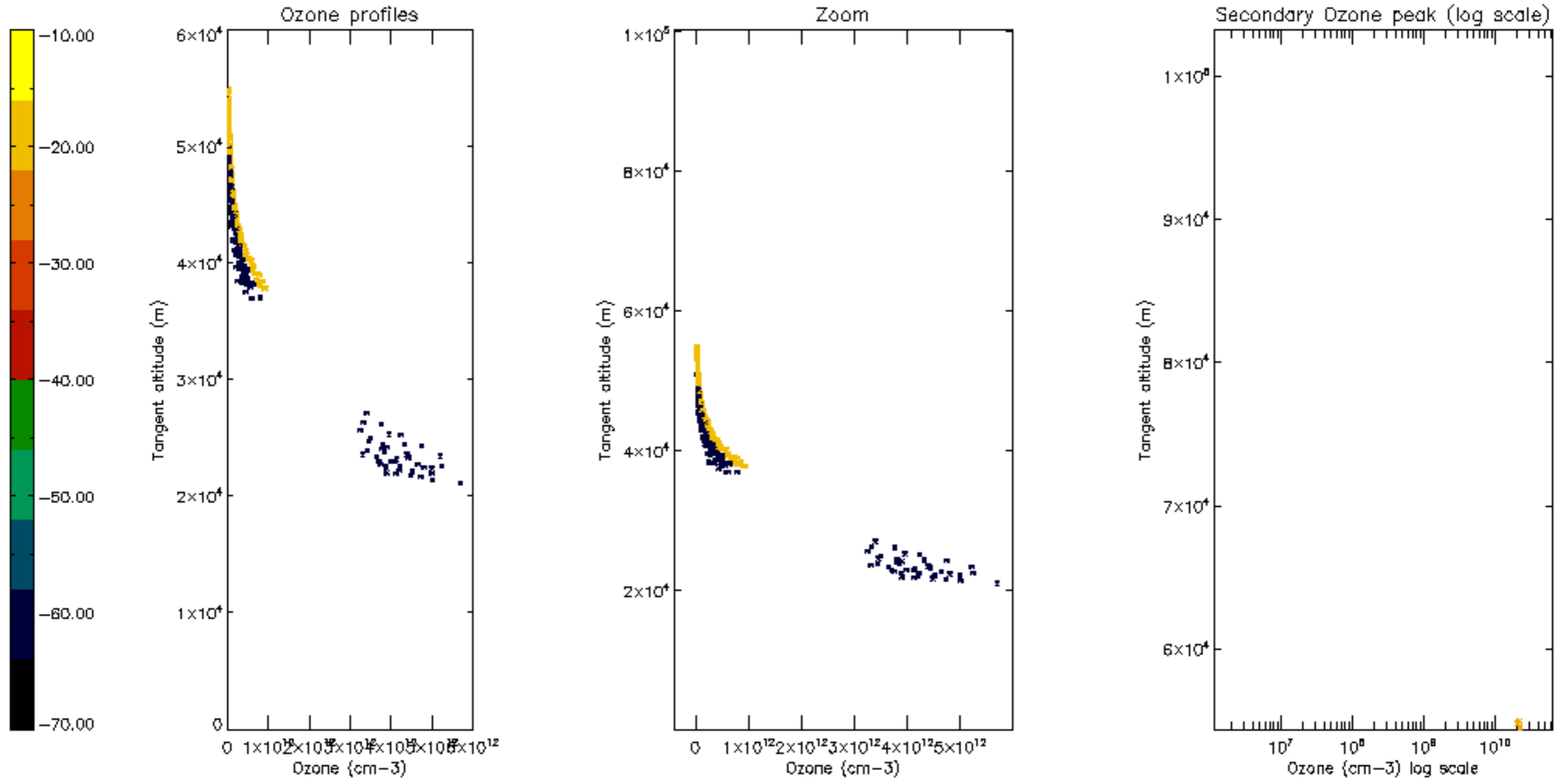
Percentage of saturation errors per profile

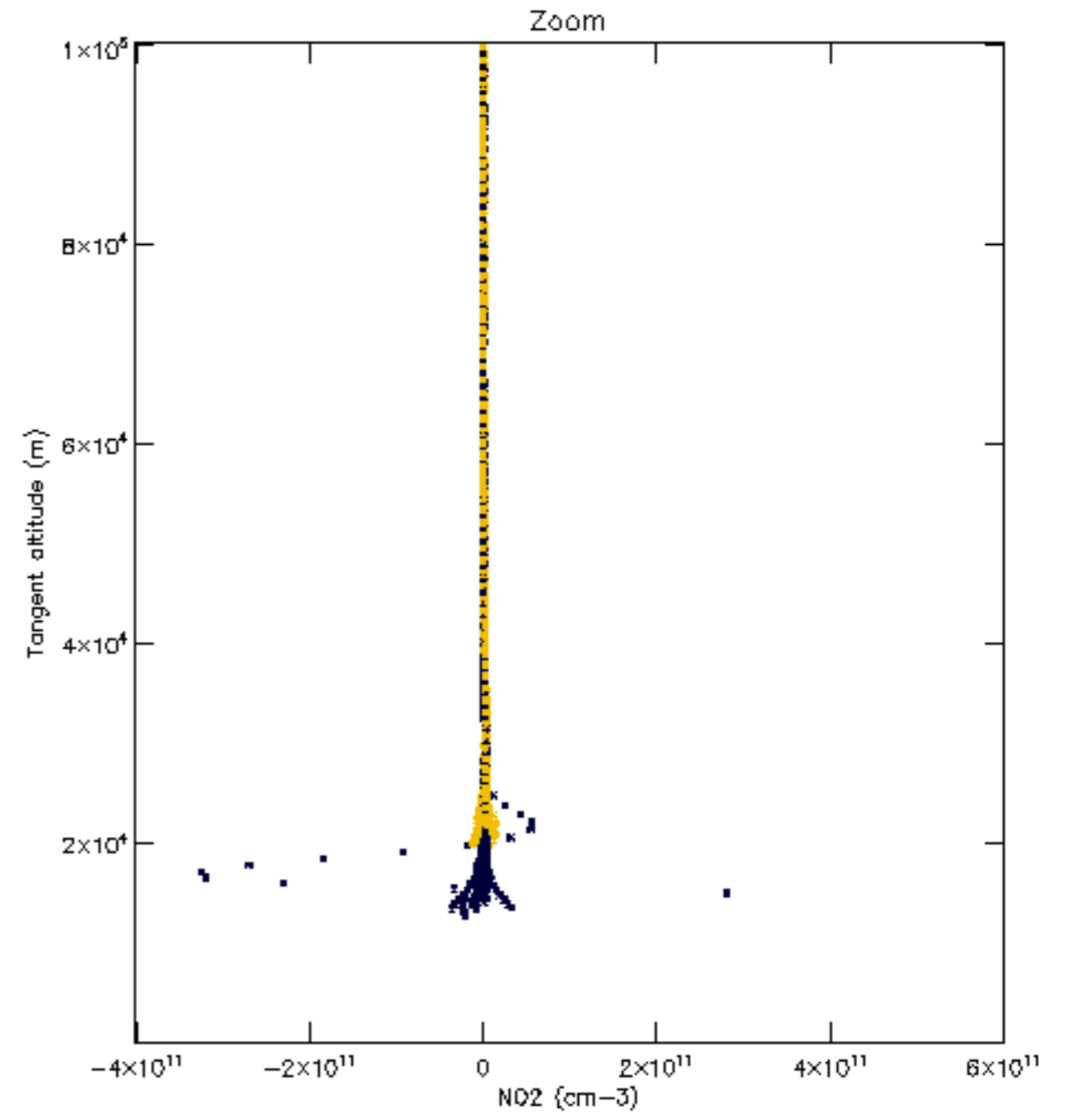
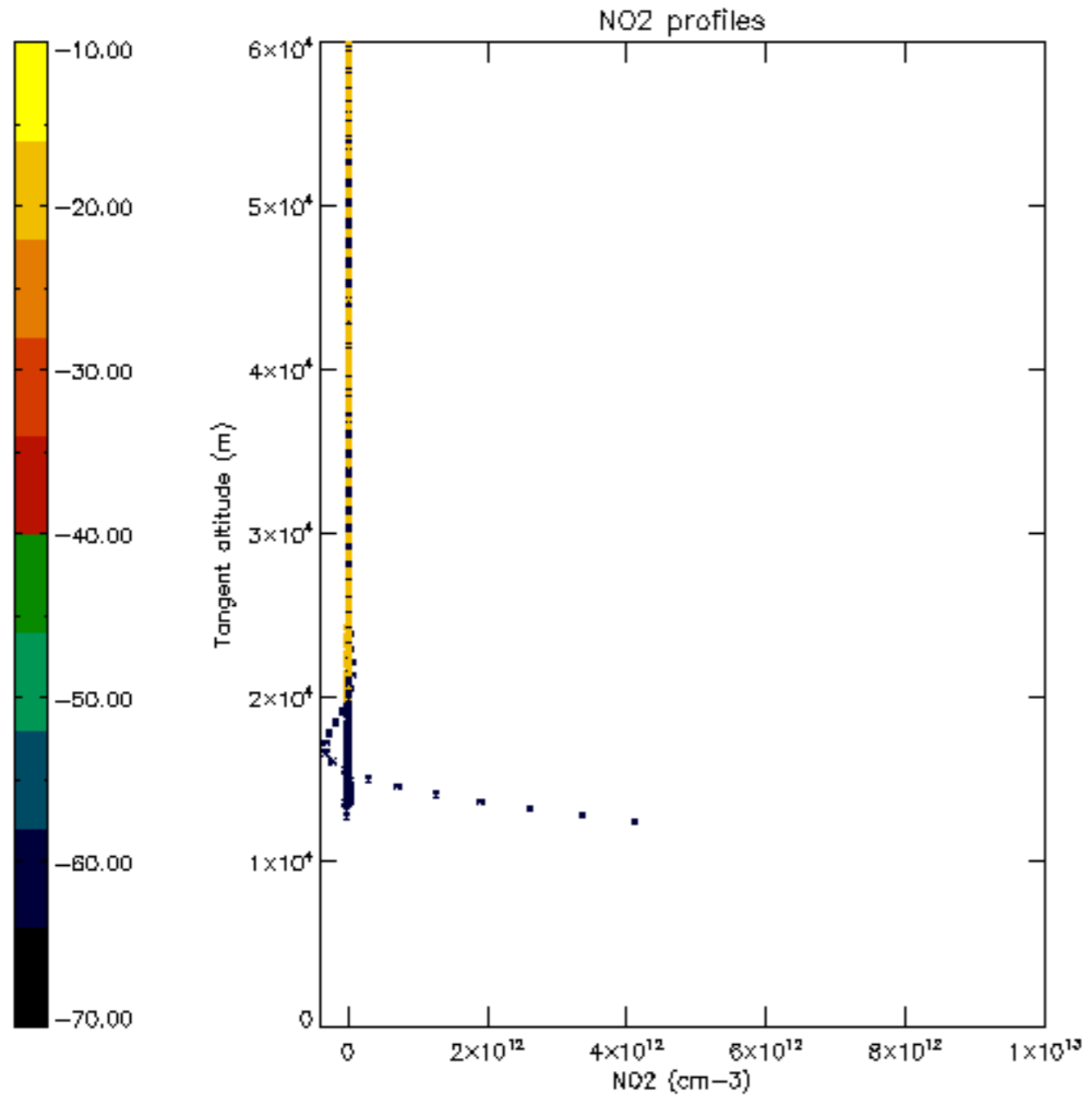


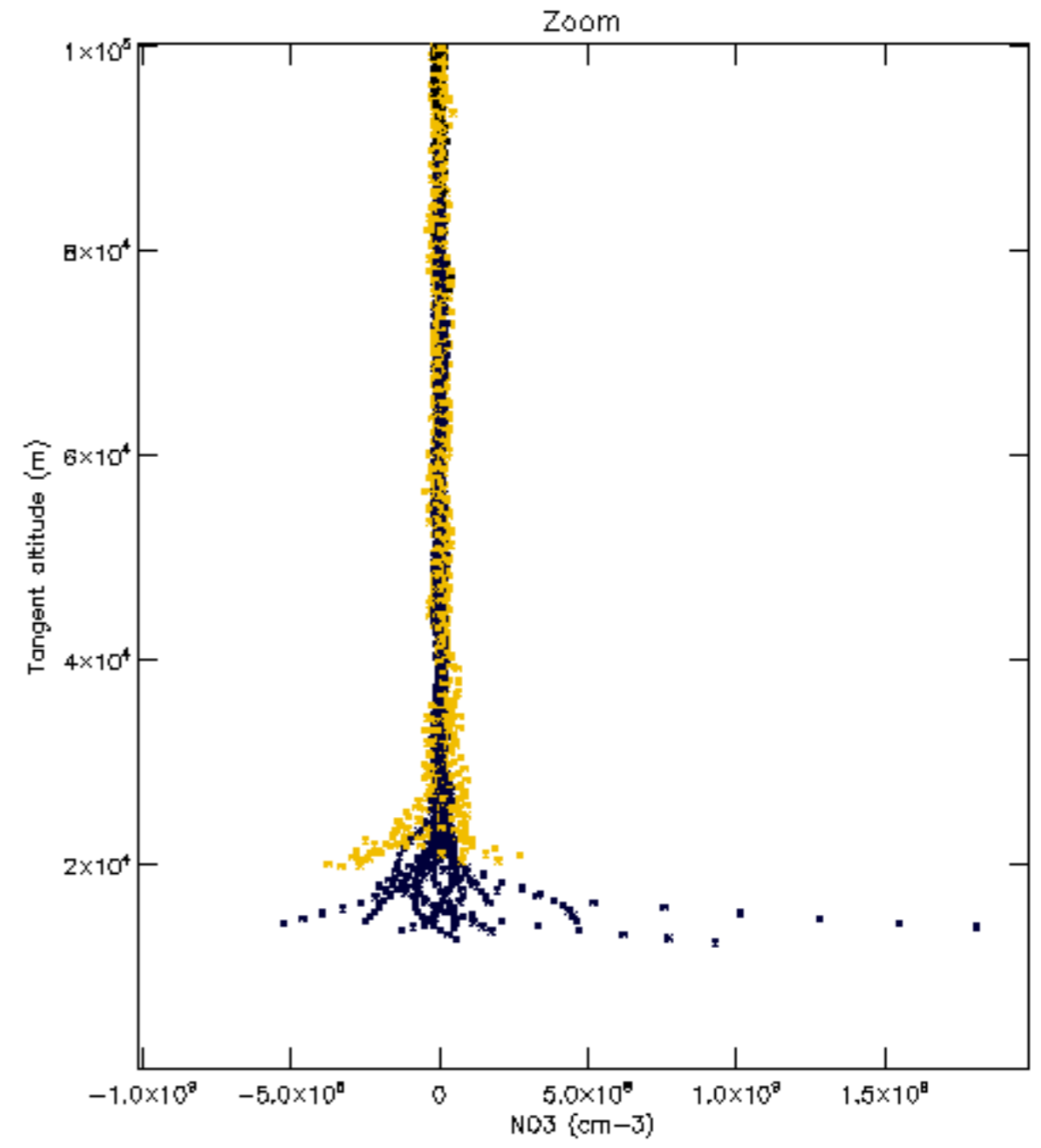
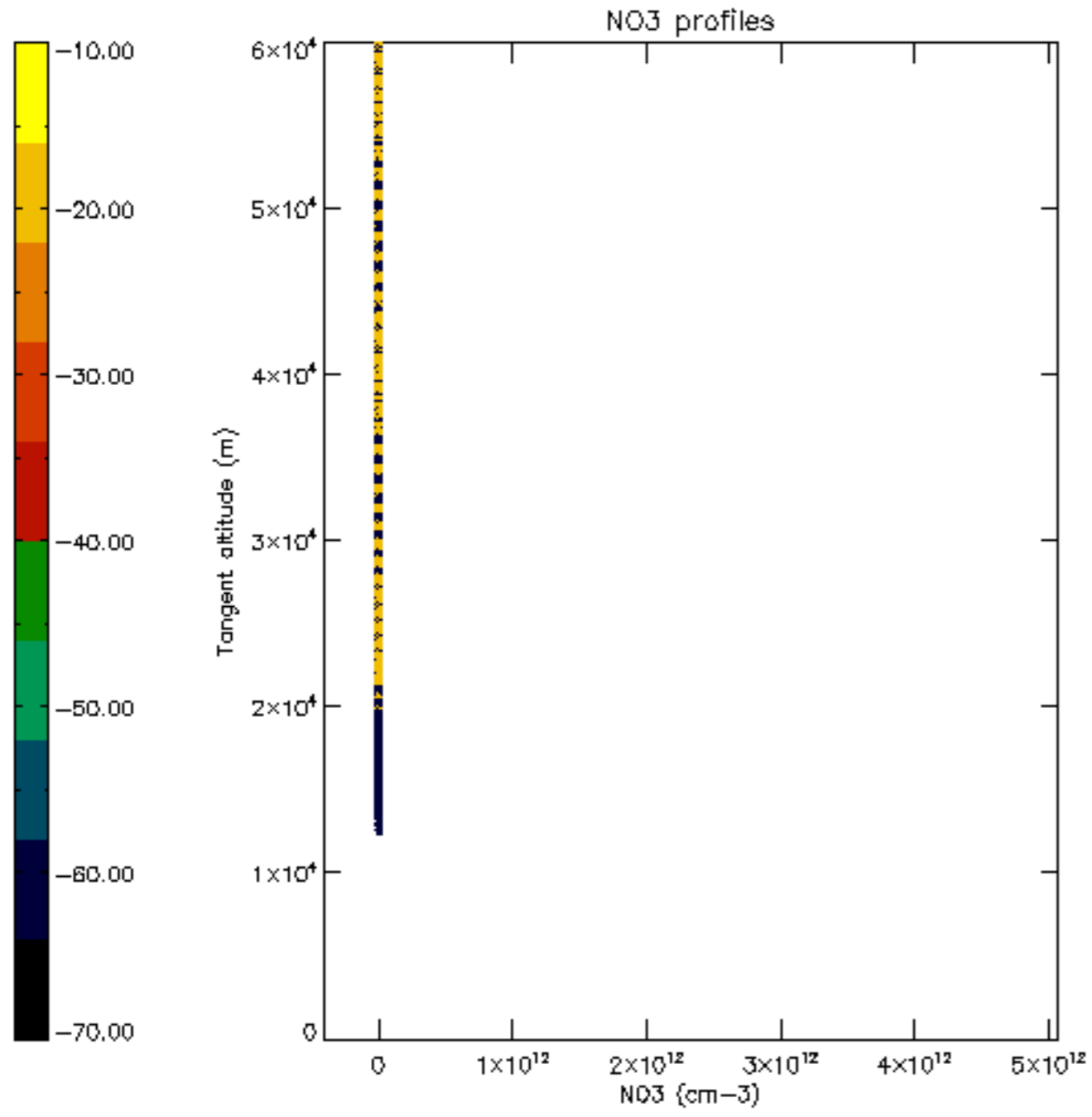


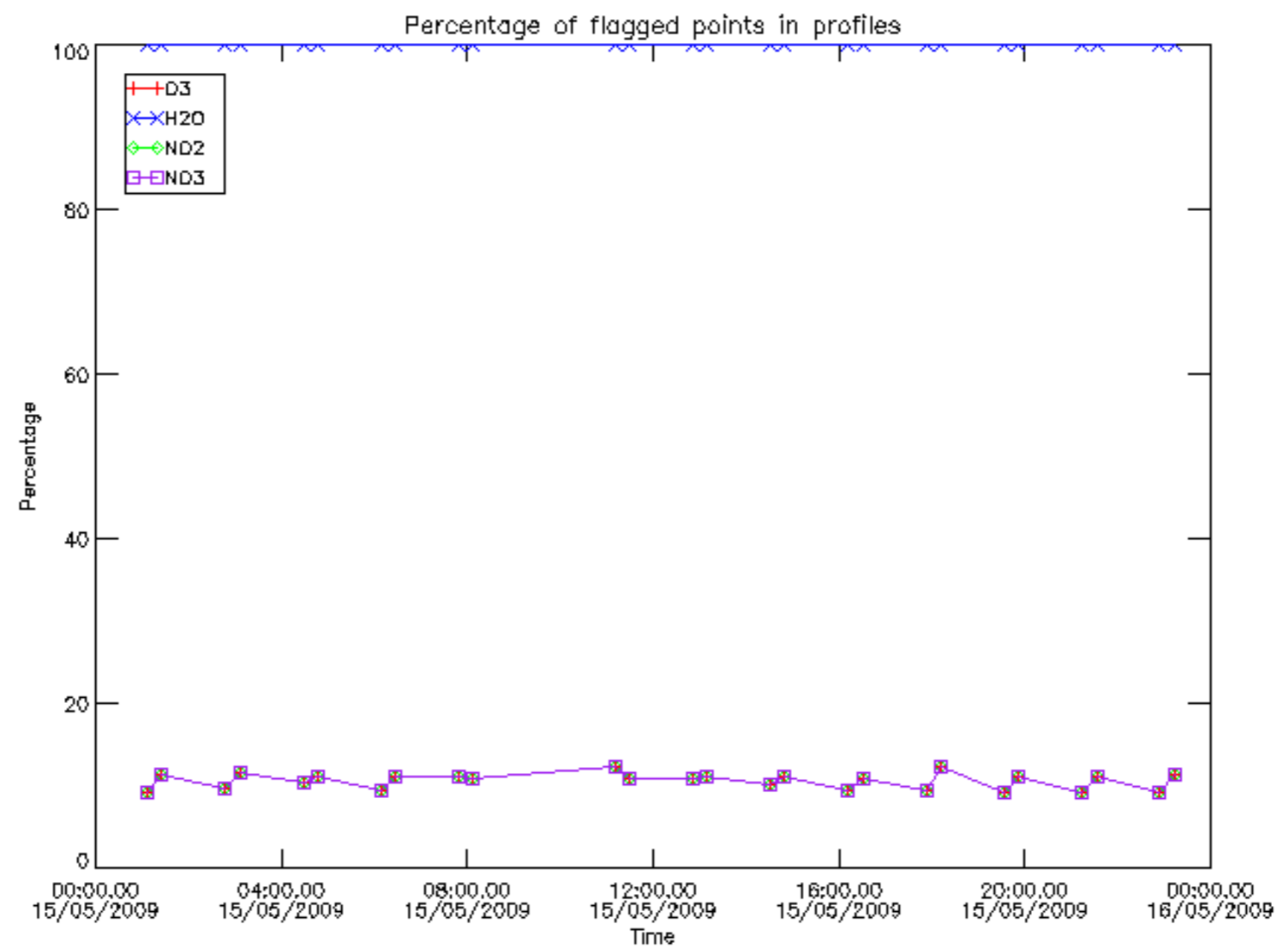




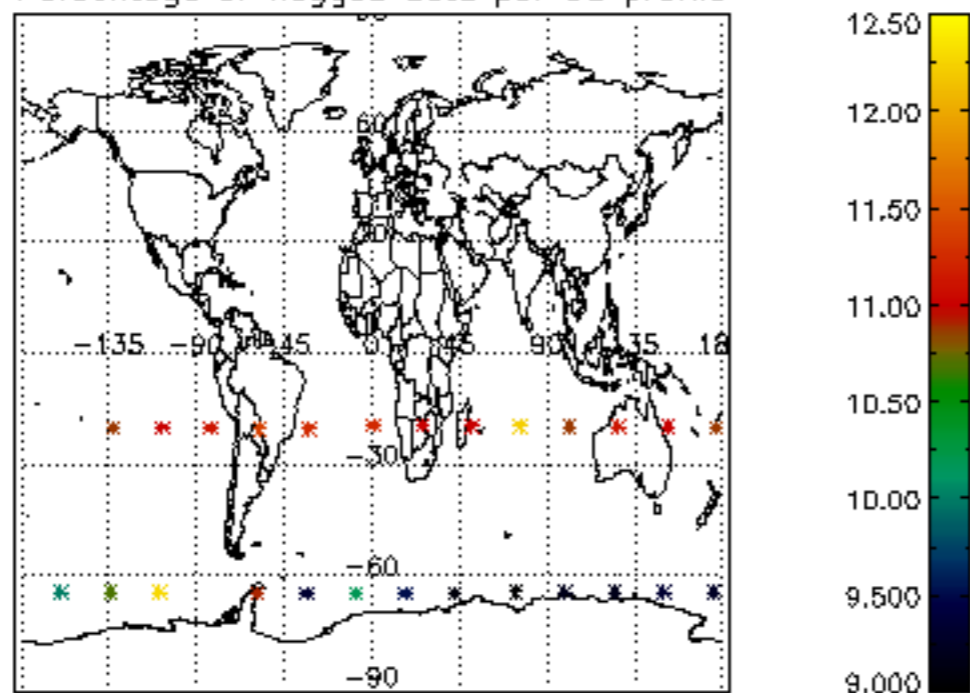




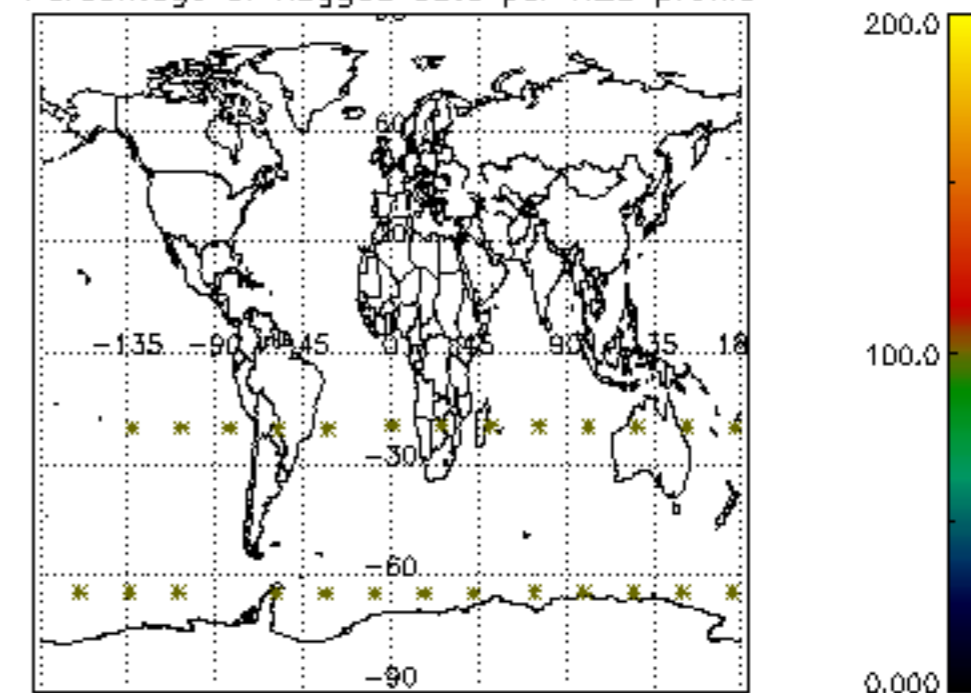




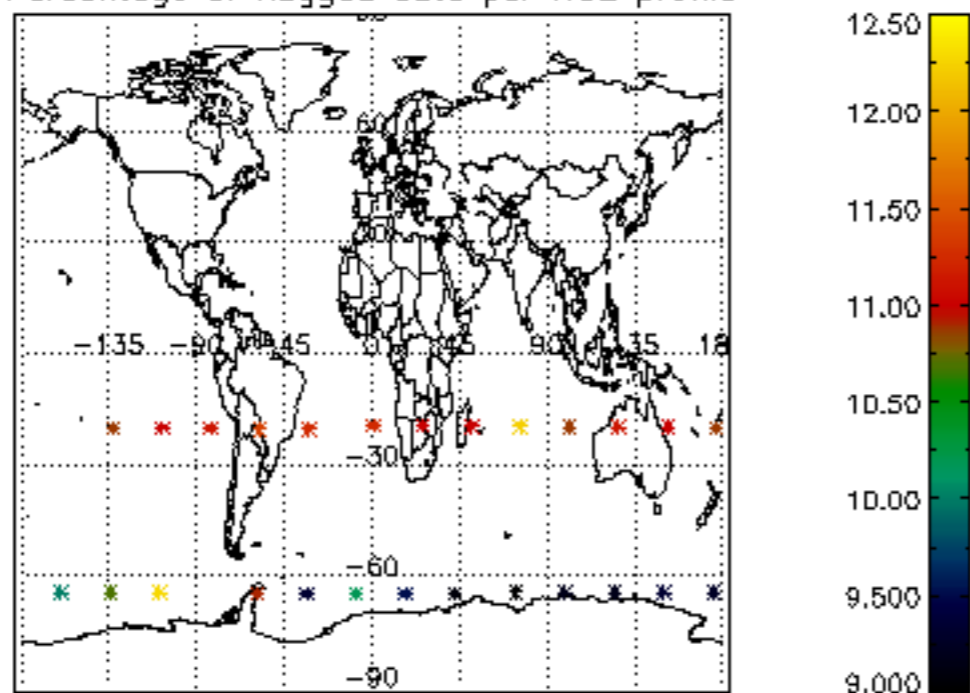
Percentage of flagged data per D3 profile



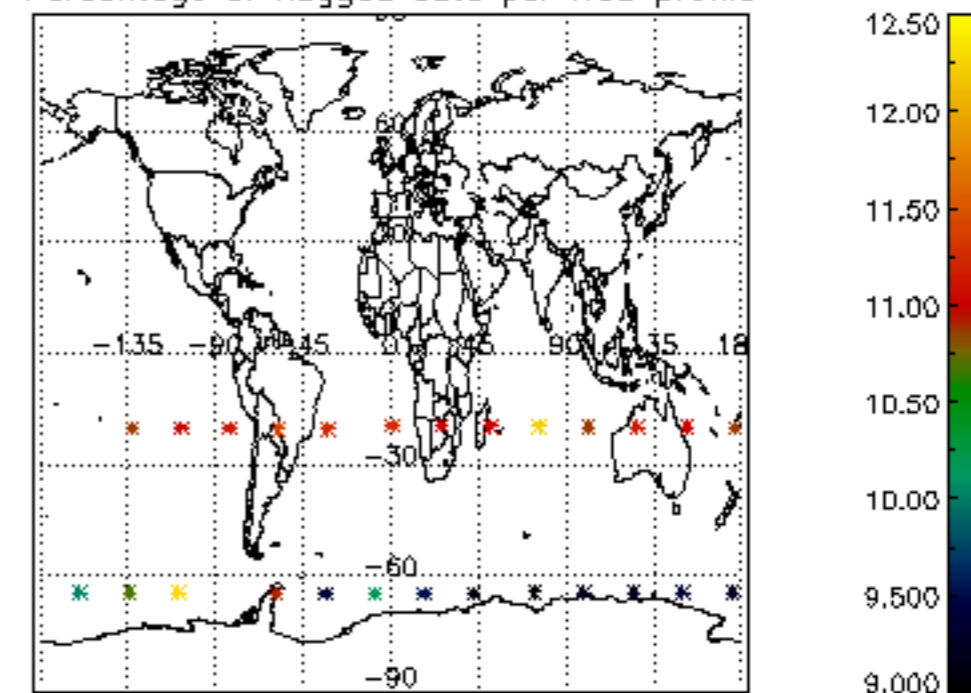
Percentage of flagged data per H2O profile

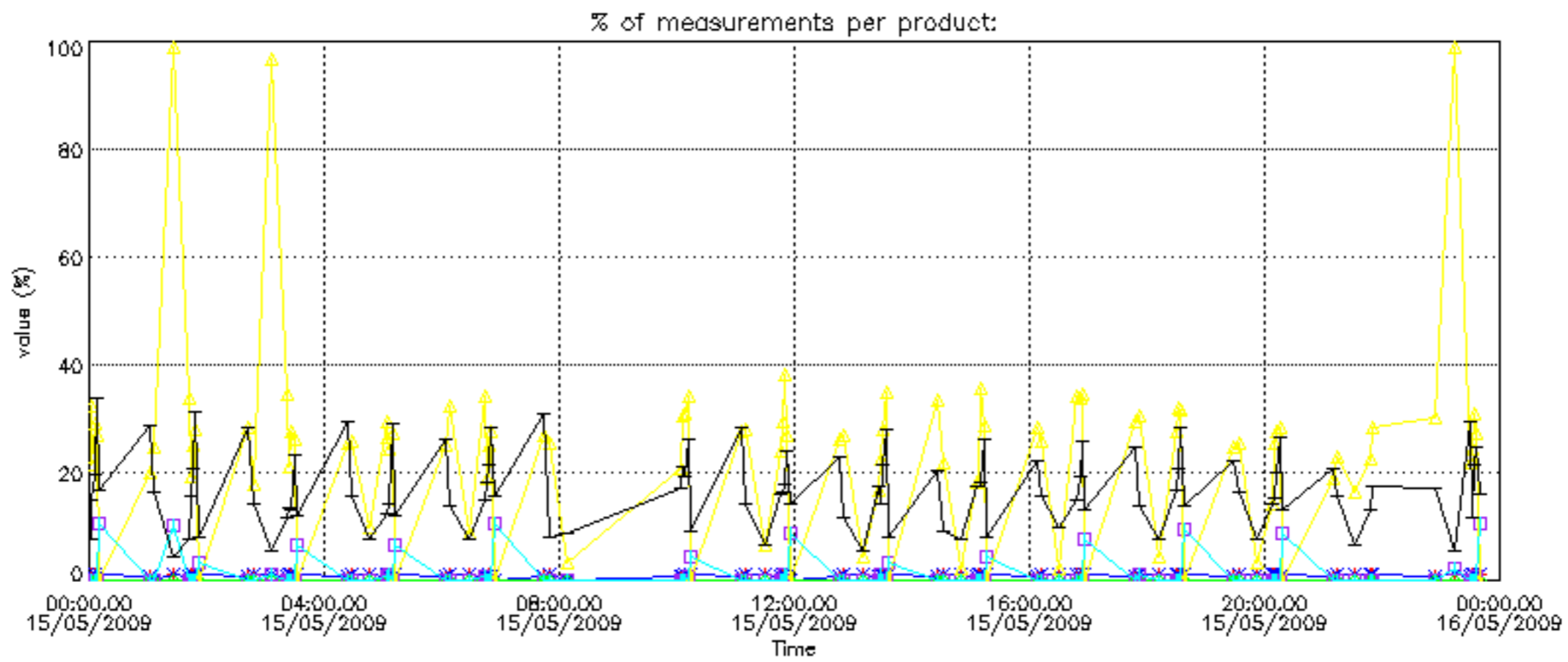


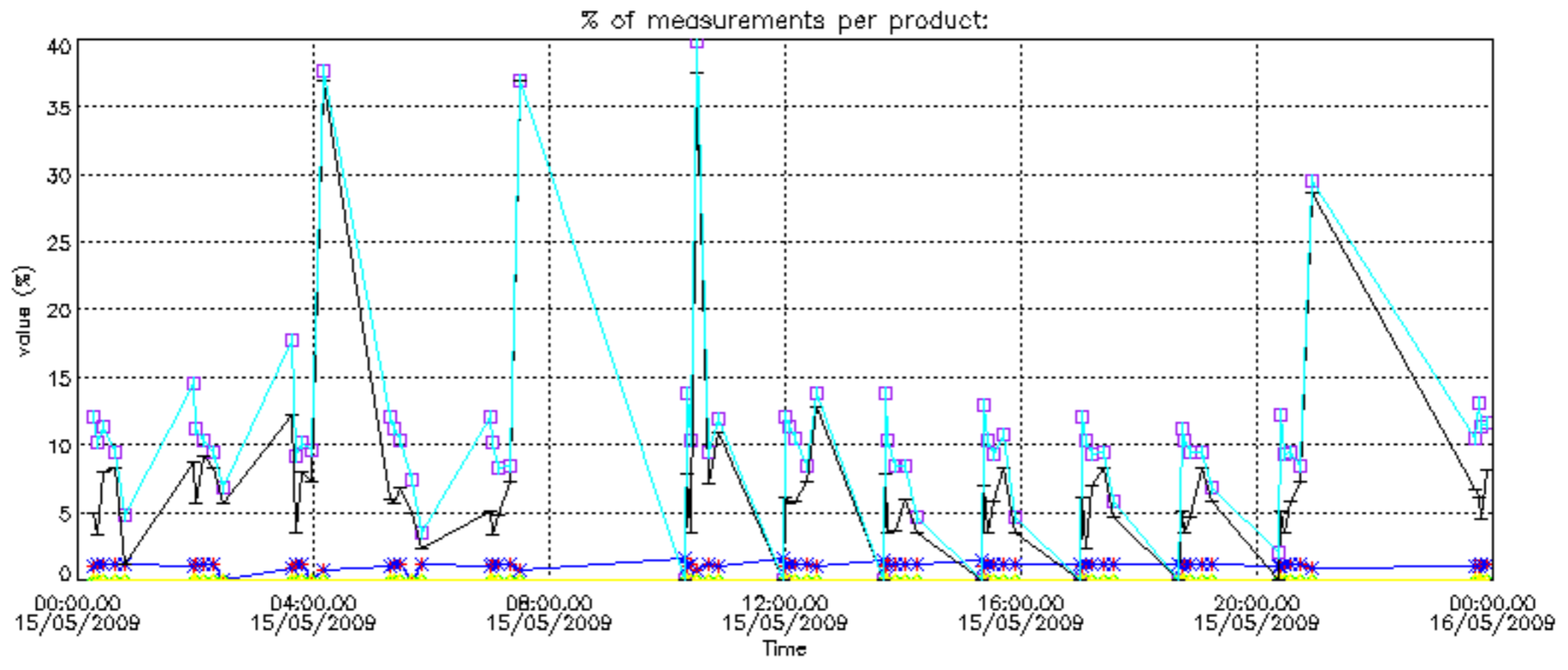
Percentage of flagged data per NO2 profile



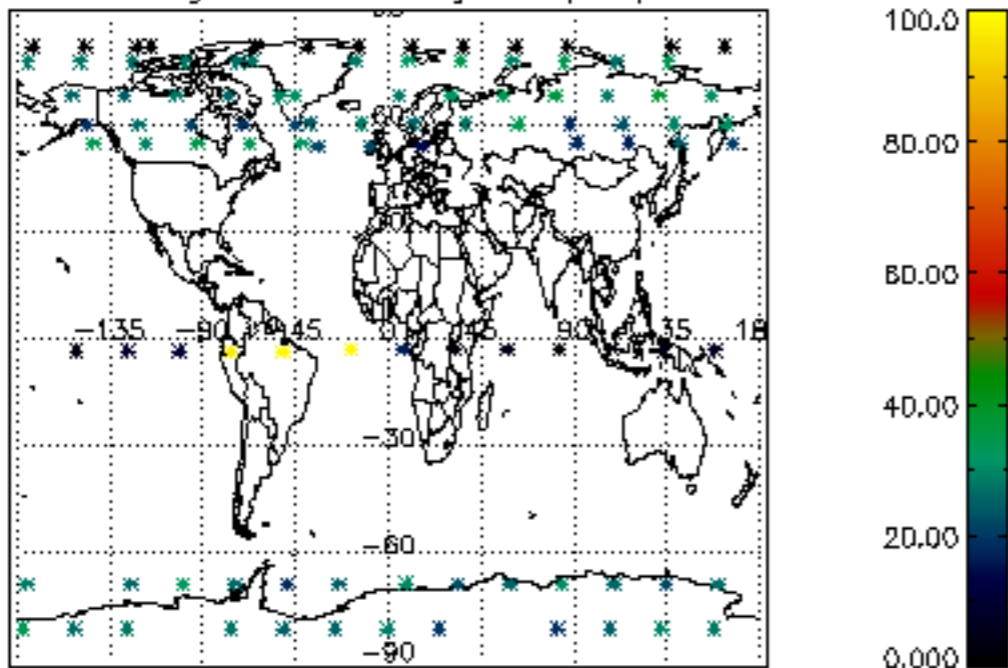
Percentage of flagged data per NO3 profile



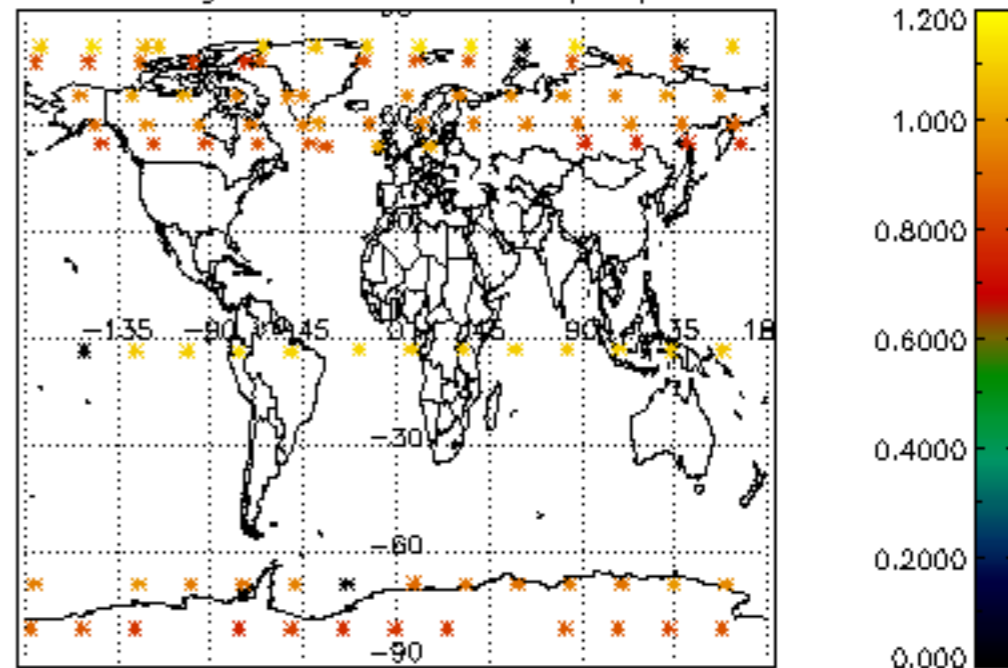




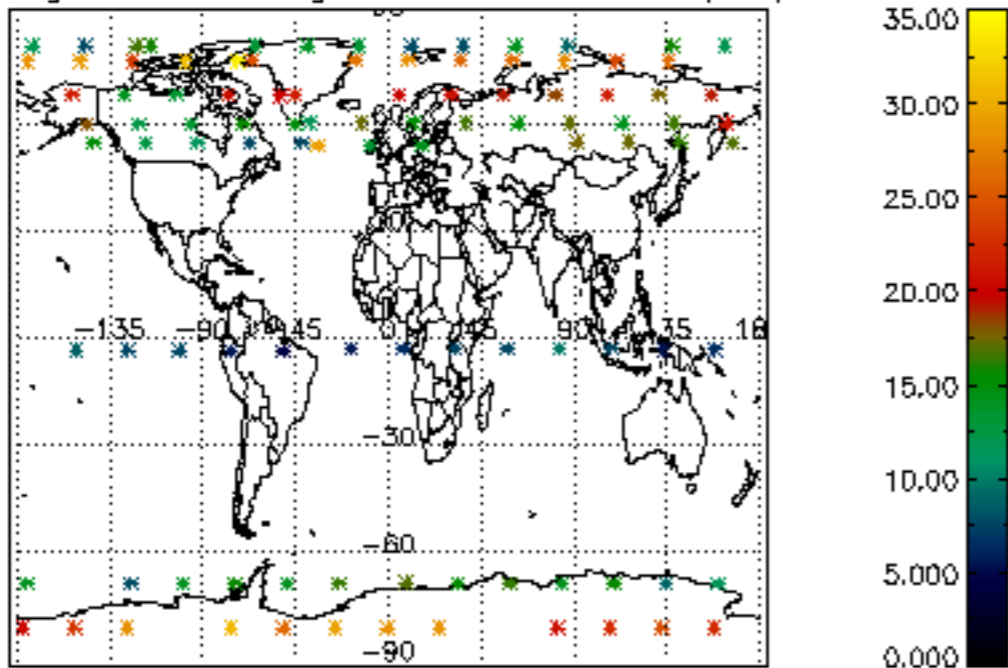
Percentage of cosmic ray hits per profile



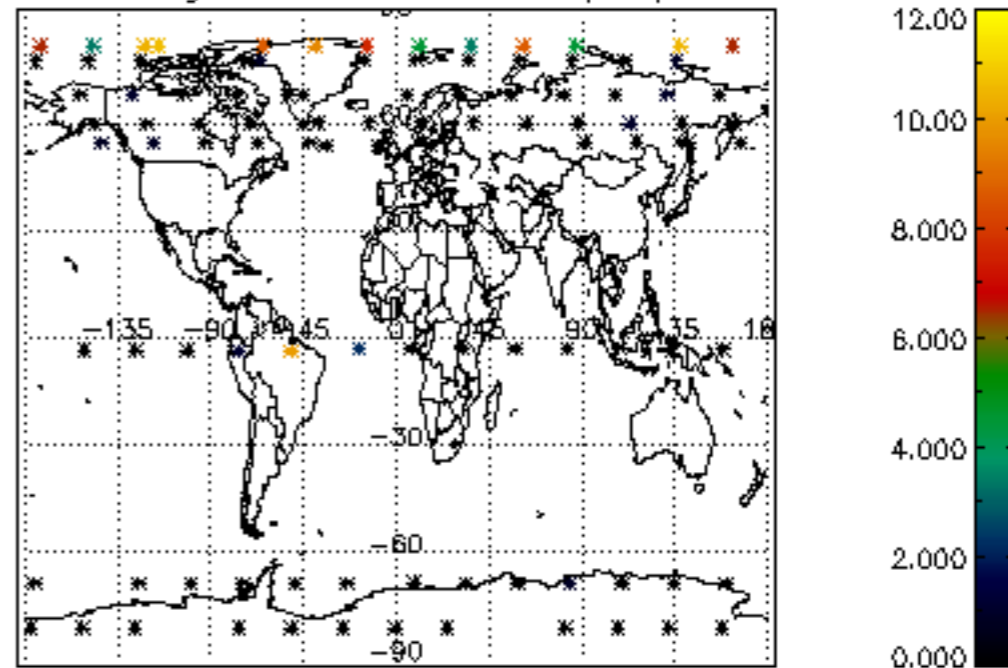
Percentage of datation errors per profile



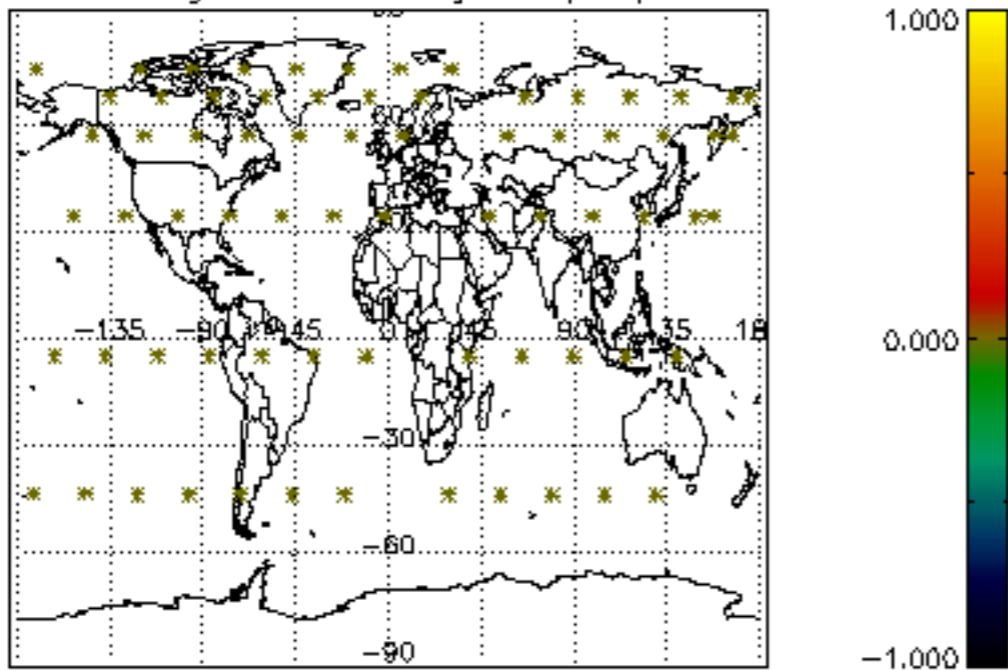
Percentage of star falling outside central band per profile



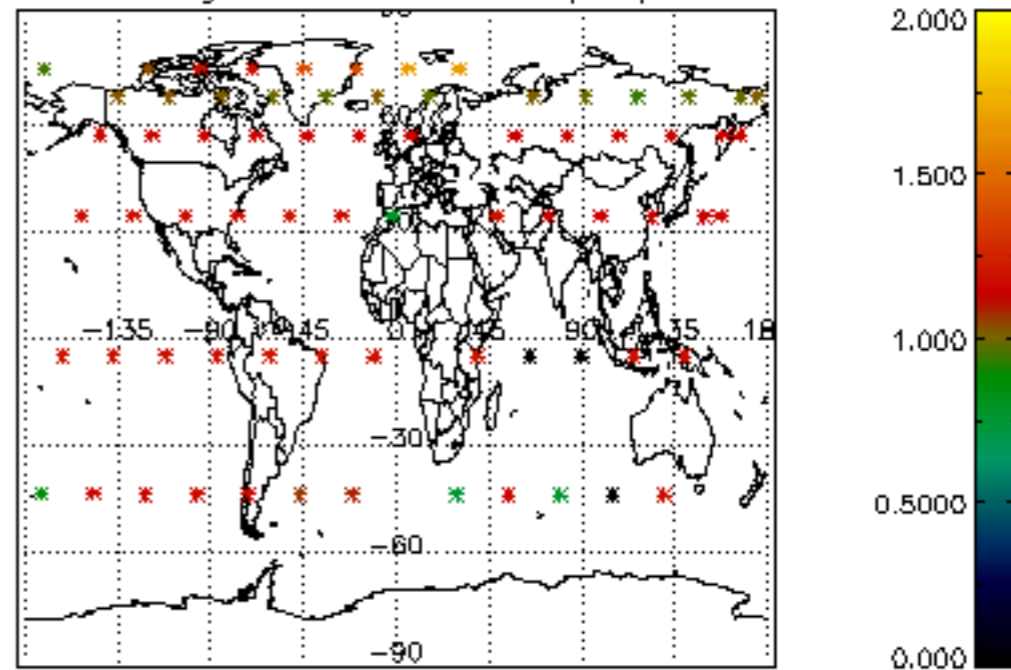
Percentage of saturation errors per profile



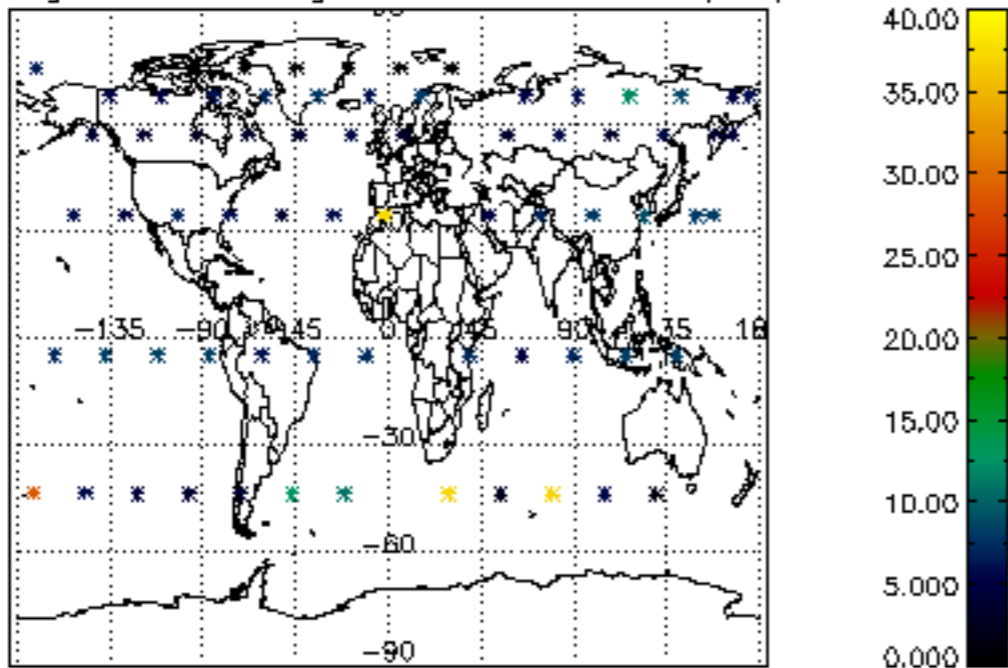
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

