

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 09:27:13
Data source version	GOMOS/6.01
Start time of products	12-05-2009 (12MAY2009 00:00:00)
Stop time of products	13-05-2009 (13MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	194
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__2PRFIN20090512_000216_000000432079_00002_37631_4311.N1	12-MAY-2009 00:02:16	Twilight	42.500	16	21Alp Sco	1.0200	3000.0	85	37631	No
2	GOM_NL__2PRFIN20090512_000406_000000402079_00002_37631_4312.N1	12-MAY-2009 00:04:06	Bright	39.500	80	7Del Sco	2.3160	30000.	79	37631	No
3	GOM_NL__2PRFIN20090512_000849_000000372079_00002_37631_4313.N1	12-MAY-2009 00:08:49	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	37631	No
4	GOM_NL__2PRFIN20090512_001429_000000442079_00002_37631_4314.N1	12-MAY-2009 00:14:29	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37631	No
5	GOM_NL__2PRFIN20090512_002105_000000432079_00002_37631_4315.N1	12-MAY-2009 00:21:05	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37631	No
6	GOM_NL__2PRFIN20090512_003204_000000382079_00002_37631_4316.N1	12-MAY-2009 00:32:04	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37631	No
7	GOM_NL__2PRFIN20090512_004256_000000362079_00002_37631_4317.N1	12-MAY-2009 00:42:56	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37631	No
8	GOM_NL__2PRFIN20090512_005611_000000342079_00002_37631_4318.N1	12-MAY-2009 00:56:11	Twilight	34.000	93	53Bet Peg	2.5200	3100.0	68	37631	No
9	GOM_NL__2PRFIN20090512_010038_000000362079_00002_37631_4319.N1	12-MAY-2009 01:00:38	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37631	No
10	GOM_NL__2PRFIN20090512_013514_000000422079_00003_37632_4318.N1	12-MAY-2009 01:35:14	Straylight	42.000	40	The Sco	1.8590	7100.0	84	37632	No
11	GOM_NL__2PRFIN20090512_013705_000000452079_00003_37632_4319.N1	12-MAY-2009 01:37:05	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37632	No
12	GOM_NL__2PRFIN20090512_013937_000000422079_00003_37632_4320.N1	12-MAY-2009 01:39:37	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37632	No
13	GOM_NL__2PRFIN20090512_014252_000000432079_00003_37632_4321.N1	12-MAY-2009 01:42:52	Twilight	42.500	16	21Alp Sco	1.0200	3000.0	85	37632	No
14	GOM_NL__2PRFIN20090512_014442_000000402079_00003_37632_4322.N1	12-MAY-2009 01:44:42	Bright	39.500	80	7Del Sco	2.3160	30000.	79	37632	No
15	GOM_NL__2PRFIN20090512_014925_000000372079_00003_37632_4323.N1	12-MAY-2009 01:49:25	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	37632	No
16	GOM_NL__2PRFIN20090512_015505_000000442079_00003_37632_4324.N1	12-MAY-2009 01:55:05	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37632	No
17	GOM_NL__2PRFIN20090512_020140_000000432079_00003_37632_4325.N1	12-MAY-2009 02:01:40	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37632	No
18	GOM_NL__2PRFIN20090512_021239_000000382079_00003_37632_4326.N1	12-MAY-2009 02:12:39	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37632	No
19	GOM_NL__2PRFIN20090512_022332_000000352079_00003_37632_4327.N1	12-MAY-2009 02:23:32	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	37632	No
20	GOM_NL__2PRFIN20090512_023647_000000342079_00003_37632_4328.N1	12-MAY-2009 02:36:47	Twilight	34.000	93	53Bet Peg	2.5200	3100.0	68	37632	No
21	GOM_NL__2PRFIN20090512_024115_000000362079_00003_37632_4329.N1	12-MAY-2009 02:41:15	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37632	No
22	GOM_NL__2PRFIN20090512_025559_000000402079_00003_37632_4330.N1	12-MAY-2009 02:55:59	Dark	40.000	142	49Del Cap	2.8500	8900.0	80	37632	No
23	GOM_NL__2PRFIN20090512_025933_000000412079_00003_37632_4331.N1	12-MAY-2009 02:59:33	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37632	No
24	GOM_NL__2PRFIN20090512_031551_000000422079_00004_37633_4346.N1	12-MAY-2009 03:15:51	Straylight	41.500	40	The Sco	1.8590	7100.0	83	37633	No
25	GOM_NL__2PRFIN20090512_031742_000000452079_00004_37633_4347.N1	12-MAY-2009 03:17:42	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37633	No
26	GOM_NL__2PRFIN20090512_032014_000000422079_00004_37633_4348.N1	12-MAY-2009 03:20:14	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37633	No
27	GOM_NL__2PRFIN20090512_032328_000000432079_00004_37633_4349.N1	12-MAY-2009 03:23:28	Twilight	42.500	16	21Alp Sco	1.0200	3000.0	85	37633	No
28	GOM_NL__2PRFIN20090512_032518_000000402079_00004_37633_4350.N1	12-MAY-2009 03:25:18	Bright	39.500	80	7Del Sco	2.3160	30000.	79	37633	No
29	GOM_NL__2PRFIN20090512_033001_000000372079_00004_37633_4351.N1	12-MAY-2009 03:30:01	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	37633	No
30	GOM_NL__2PRFIN20090512_033540_000000442079_00004_37633_4352.N1	12-MAY-2009 03:35:40	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37633	No
31	GOM_NL__2PRFIN20090512_034216_000000442079_00004_37633_4353.N1	12-MAY-2009 03:42:16	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37633	No
32	GOM_NL__2PRFIN20090512_035315_000000382079_00004_37633_4354.N1	12-MAY-2009 03:53:15	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	37633	No
33	GOM_NL__2PRFIN20090512_040408_000000362079_00004_37633_4355.N1	12-MAY-2009 04:04:08	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37633	No
34	GOM_NL__2PRFIN20090512_041723_000000342079_00004_37633_4356.N1	12-MAY-2009 04:17:23	Twilight	34.000	93	53Bet Peg	2.5200	3100.0	68	37633	No
35	GOM_NL__2PRFIN20090512_042151_000000362079_00004_37633_4357.N1	12-MAY-2009 04:21:51	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37633	No
36	GOM_NL__2PRFIN20090512_043637_000000402079_00004_37633_4358.N1	12-MAY-2009 04:36:37	Dark	40.000	142	49Del Cap	2.8500	8900.0	80	37633	No
37	GOM_NL__2PRFIN20090512_044010_000000412079_00004_37633_4359.N1	12-MAY-2009 04:40:10	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37633	No
38	GOM_NL__2PRFIN20090512_045633_000000252079_00005_37634_4367.N1	12-MAY-2009 04:56:33	Straylight	25.000	38	20Eps Sgr	1.8360	11000.	50	37634	No
39	GOM_NL__2PRFIN20090512_045819_000000452079_00005_37634_4368.N1	12-MAY-2009 04:58:19	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37634	No
40	GOM_NL__2PRFIN20090512_050050_000000422079_00005_37634_4369.N1	12-MAY-2009 05:00:50	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37634	No
41	GOM_NL__2PRFIN20090512_050404_000000432079_00005_37634_4370.N1	12-MAY-2009 05:04:04	Twilight	42.500	16	21Alp Sco	1.0200	3000.0	85	37634	No
42	GOM_NL__2PRFIN20090512_050554_000000402079_00005_37634_4371.N1	12-MAY-2009 05:05:54	Bright	39.500	80	7Del Sco	2.3160	30000.	79	37634	No

43	GOM_NL__2PRFIN20090512_051037_000000372079_00005_37634_4372.N1	12-MAY-2009 05:10:37	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	37634	No
44	GOM_NL__2PRFIN20090512_051616_000000442079_00005_37634_4373.N1	12-MAY-2009 05:16:16	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37634	No
45	GOM_NL__2PRFIN20090512_052251_000000432079_00005_37634_4374.N1	12-MAY-2009 05:22:51	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37634	No
46	GOM_NL__2PRFIN20090512_053350_000000382079_00005_37634_4375.N1	12-MAY-2009 05:33:50	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	37634	No
47	GOM_NL__2PRFIN20090512_054443_000000362079_00005_37634_4376.N1	12-MAY-2009 05:44:43	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37634	No
48	GOM_NL__2PRFIN20090512_055759_000000342079_00005_37634_4377.N1	12-MAY-2009 05:57:59	Twilight	34.000	93	53Bet Peg	2.5200	3100.0	68	37634	No
49	GOM_NL__2PRFIN20090512_060227_000000362079_00005_37634_4378.N1	12-MAY-2009 06:02:27	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37634	No
50	GOM_NL__2PRFIN20090512_061714_000000332079_00005_37634_4379.N1	12-MAY-2009 06:17:14	Dark	33.000	142	49Del Cap	2.8500	8900.0	66	37634	No
51	GOM_NL__2PRFIN20090512_062046_000000422079_00005_37634_4380.N1	12-MAY-2009 06:20:46	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37634	No
52	GOM_NL__2PRFIN20090512_063710_000000252079_00006_37635_4382.N1	12-MAY-2009 06:37:10	Straylight	25.000	38	20Eps Sgr	1.8360	11000.	50	37635	No
53	GOM_NL__2PRFIN20090512_063856_000000452079_00006_37635_4383.N1	12-MAY-2009 06:38:56	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37635	No
54	GOM_NL__2PRFIN20090512_064127_000000412079_00006_37635_4384.N1	12-MAY-2009 06:41:27	Straylight	41.000	75	26Eps Sco	2.2910	4250.0	82	37635	No
55	GOM_NL__2PRFIN20090512_064441_000000422079_00006_37635_4385.N1	12-MAY-2009 06:44:41	Twilight	42.000	16	21Alp Sco	1.0200	3000.0	84	37635	No
56	GOM_NL__2PRFIN20090512_064630_000000392079_00006_37635_4386.N1	12-MAY-2009 06:46:30	Bright	39.000	80	7Del Sco	2.3160	30000.	78	37635	No
57	GOM_NL__2PRFIN20090512_065113_000000372079_00006_37635_4387.N1	12-MAY-2009 06:51:13	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	37635	No
58	GOM_NL__2PRFIN20090512_065652_000000442079_00006_37635_4388.N1	12-MAY-2009 06:56:52	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37635	No
59	GOM_NL__2PRFIN20090512_070326_000000442079_00006_37635_4389.N1	12-MAY-2009 07:03:26	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37635	No
60	GOM_NL__2PRFIN20090512_071425_000000382079_00006_37635_4390.N1	12-MAY-2009 07:14:25	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37635	No
61	GOM_NL__2PRFIN20090512_072519_000000362079_00006_37635_4391.N1	12-MAY-2009 07:25:19	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37635	No
62	GOM_NL__2PRFIN20090512_073836_000000342079_00006_37635_4392.N1	12-MAY-2009 07:38:36	Twilight	34.000	93	53Bet Peg	2.5200	3100.0	68	37635	No
63	GOM_NL__2PRFIN20090512_074304_000000362079_00006_37635_4393.N1	12-MAY-2009 07:43:04	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37635	No
64	GOM_NL__2PRFIN20090512_075752_000000332079_00006_37635_4394.N1	12-MAY-2009 07:57:52	Dark	33.000	142	49Del Cap	2.8500	8900.0	66	37635	No
65	GOM_NL__2PRFIN20090512_080124_000000422079_00006_37635_4395.N1	12-MAY-2009 08:01:24	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37635	No
66	GOM_NL__2PRFIN20090512_081747_000000272079_00007_37636_4401.N1	12-MAY-2009 08:17:47	Straylight	27.000	38	20Eps Sgr	1.8360	11000.	54	37636	No
67	GOM_NL__2PRFIN20090512_081933_000000452079_00007_37636_4402.N1	12-MAY-2009 08:19:33	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37636	No
68	GOM_NL__2PRFIN20090512_082203_000000422079_00007_37636_4403.N1	12-MAY-2009 08:22:03	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37636	No
69	GOM_NL__2PRFIN20090512_082517_000000422079_00007_37636_4404.N1	12-MAY-2009 08:25:17	Twilight	42.000	16	21Alp Sco	1.0200	3000.0	84	37636	No
70	GOM_NL__2PRFIN20090512_082707_000000392079_00007_37636_4405.N1	12-MAY-2009 08:27:07	Bright	38.500	80	7Del Sco	2.3160	30000.	77	37636	No
71	GOM_NL__2PRFIN20090512_083150_000000362079_00007_37636_4406.N1	12-MAY-2009 08:31:50	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	37636	No
72	GOM_NL__2PRFIN20090512_083727_000000442079_00007_37636_4407.N1	12-MAY-2009 08:37:27	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37636	No
73	GOM_NL__2PRFIN20090512_084402_000000432079_00007_37636_4408.N1	12-MAY-2009 08:44:02	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37636	No
74	GOM_NL__2PRFIN20090512_085501_000000382079_00007_37636_4409.N1	12-MAY-2009 08:55:01	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37636	No
75	GOM_NL__2PRFIN20090512_090554_000000362079_00007_37636_4410.N1	12-MAY-2009 09:05:54	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	37636	No
76	GOM_NL__2PRFIN20090512_091912_000000352079_00007_37636_4411.N1	12-MAY-2009 09:19:12	Twilight	34.500	93	53Bet Peg	2.5200	3100.0	69	37636	No
77	GOM_NL__2PRFIN20090512_092340_000000362079_00007_37636_4412.N1	12-MAY-2009 09:23:40	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37636	No
78	GOM_NL__2PRFIN20090512_093829_000000272079_00007_37636_4413.N1	12-MAY-2009 09:38:29	Dark	27.000	142	49Del Cap	2.8500	8900.0	54	37636	No
79	GOM_NL__2PRFIN20090512_094200_000000422079_00007_37636_4414.N1	12-MAY-2009 09:42:00	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37636	No
80	GOM_NL__2PRFIN20090512_095824_000000272079_00008_37637_4422.N1	12-MAY-2009 09:58:24	Straylight	27.000	38	20Eps Sgr	1.8360	11000.	54	37637	No
81	GOM_NL__2PRFIN20090512_100009_000000452079_00008_37637_4423.N1	12-MAY-2009 10:00:09	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37637	No
82	GOM_NL__2PRFIN20090512_100240_000000412079_00008_37637_4424.N1	12-MAY-2009 10:02:40	Straylight	41.000	75	26Eps Sco	2.2910	4250.0	82	37637	No
83	GOM_NL__2PRFIN20090512_100553_000000422079_00008_37637_4425.N1	12-MAY-2009 10:05:53	Twilight	42.000	16	21Alp Sco	1.0200	3000.0	84	37637	No
84	GOM_NL__2PRFIN20090512_100743_000000392079_00008_37637_4426.N1	12-MAY-2009 10:07:43	Bright	39.000	80	7Del Sco	2.3160	30000.	78	37637	No
85	GOM_NL__2PRFIN20090512_101225_000000362079_00008_37637_4427.N1	12-MAY-2009 10:12:25	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	37637	No
86	GOM_NL__2PRFIN20090512_101803_000000442079_00008_37637_4428.N1	12-MAY-2009 10:18:03	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37637	No
87	GOM_NL__2PRFIN20090512_102437_000000662079_00008_37637_4429.N1	12-MAY-2009 10:24:37	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	37637	No
88	GOM_NL__2PRFIN20090512_103536_000000402079_00008_37637_4430.N1	12-MAY-2009 10:35:36	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37637	No
89	GOM_NL__2PRFIN20090512_104630_000000362079_00008_37637_4431.N1	12-MAY-2009 10:46:30	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	37637	No
90	GOM_NL__2PRFIN20090512_105948_000000342079_00008_37637_4432.N1	12-MAY-2009 10:59:48	Twilight	34.000	93	53Bet Peg	2.5200	3100.0	68	37637	No
91	GOM_NL__2PRFIN20090512_110417_000000362079_00008_37637_4433.N1	12-MAY-2009 11:04:17	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37637	No
92	GOM_NL__2PRFIN20090512_111907_000000272079_00008_37637_4434.N1	12-MAY-2009 11:19:07	Dark	27.000	142	49Del Cap	2.8500	8900.0	54	37637	No
93	GOM_NL__2PRFIN20090512_112237_000000422079_00008_37637_4435.N1	12-MAY-2009 11:22:37	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37637	No
94	GOM_NL__2PRFIN20090512_113901_000000282079_00009_37638_4436.N1	12-MAY-2009 11:39:01	Straylight	28.000	38	20Eps Sgr	1.8360	11000.	56	37638	No
95	GOM_NL__2PRFIN20090512_114046_000000452079_00009_37638_4437.N1	12-MAY-2009 11:40:46	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37638	No
96	GOM_NL__2PRFIN20090512_114316_000000422079_00009_37638_4438.N1	12-MAY-2009 11:43:16	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37638	No
97	GOM_NL__2PRFIN20090512_114629_000000432079_00009_37638_4439.N1	12-MAY-2009 11:46:29	Twilight	42.500	16	21Alp Sco	1.0200	3000.0	85	37638	No
98	GOM_NL__2PRFIN20090512_114819_000000392079_00009_37638_4440.N1	12-MAY-2009 11:48:19	Bright	38.500	80	7Del Sco	2.3160	30000.	77	37638	No
99	GOM_NL__2PRFIN20090512_115301_000000372079_00009_37638_4441.N1	12-MAY-2009 11:53:01	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	37638	No
100	GOM_NL__2PRFIN20090512_115524_000000292079_00009_37638_4442.N1	12-MAY-2009 11:55:24	Twilight	29.000	120	1Del Oph	2.7340	3200.0	58	37638	No
101	GOM_NL__2PRFIN20090512_115839_000000432079_00009_37638_4443.N1	12-MAY-2009 11:58:39	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37638	No

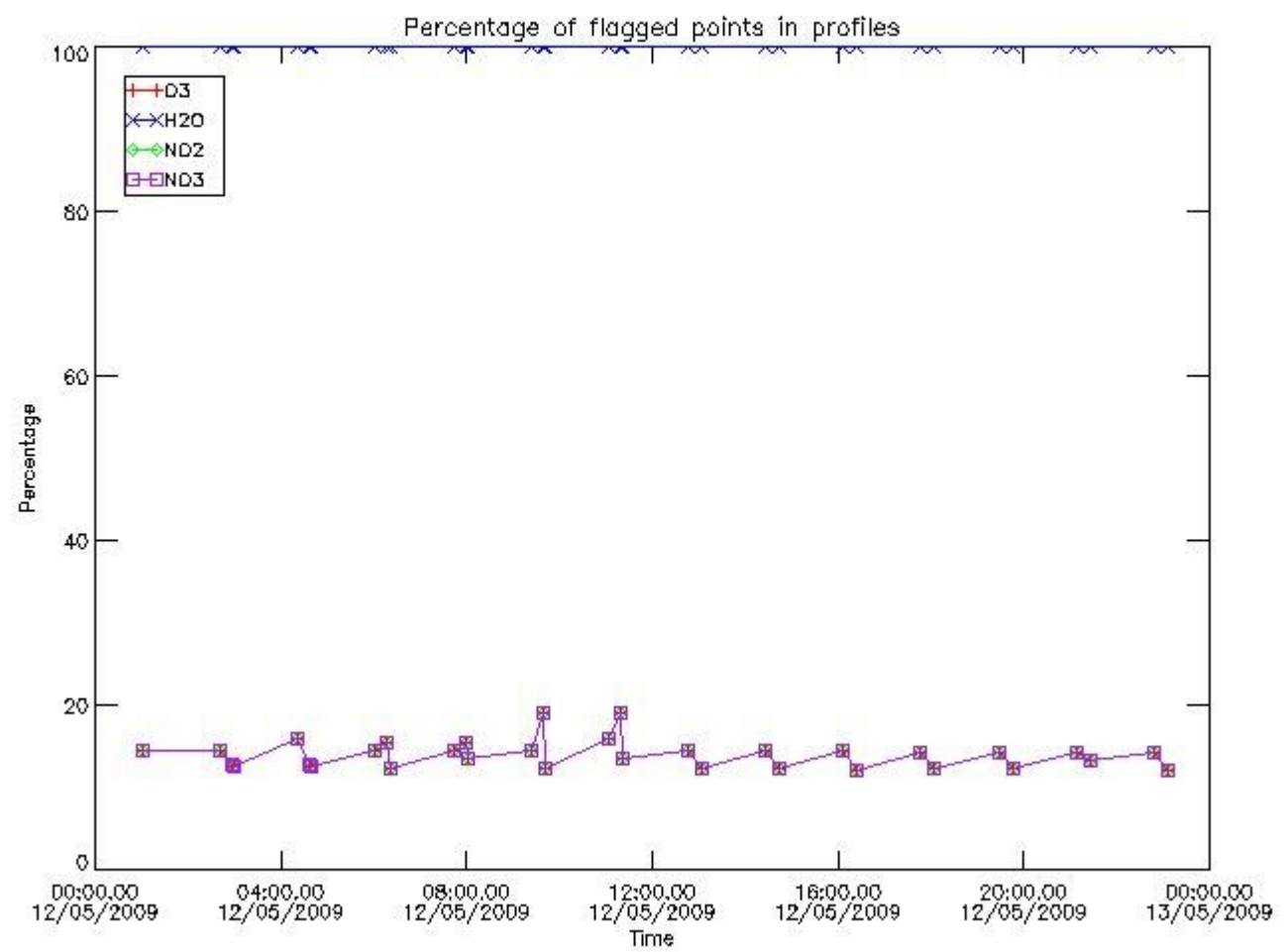
102	GOM_NL__2PRFIN20090512_120513_000000472079_00009_37638_4444.N1	12-MAY-2009 12:05:13	Bright	46.500	67	5Alp CrB	2.2210	11000.	93	37638	No
103	GOM_NL__2PRFIN20090512_121612_000000382079_00009_37638_4445.N1	12-MAY-2009 12:16:12	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37638	No
104	GOM_NL__2PRFIN20090512_122705_000000362079_00009_37638_4446.N1	12-MAY-2009 12:27:05	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	37638	No
105	GOM_NL__2PRFIN20090512_124024_000000352079_00009_37638_4447.N1	12-MAY-2009 12:40:24	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37638	No
106	GOM_NL__2PRFIN20090512_124453_000000362079_00009_37638_4448.N1	12-MAY-2009 12:44:53	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37638	No
107	GOM_NL__2PRFIN20090512_130314_000000422079_00009_37638_4449.N1	12-MAY-2009 13:03:14	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37638	No
108	GOM_NL__2PRFIN20090512_131938_000000282079_00010_37639_4450.N1	12-MAY-2009 13:19:38	Straylight	28.000	38	20Eps Sgr	1.8360	11000.	56	37639	No
109	GOM_NL__2PRFIN20090512_132122_000000452079_00010_37639_4451.N1	12-MAY-2009 13:21:22	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37639	No
110	GOM_NL__2PRFIN20090512_132352_000000422079_00010_37639_4452.N1	12-MAY-2009 13:23:52	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37639	No
111	GOM_NL__2PRFIN20090512_132706_000000432079_00010_37639_4453.N1	12-MAY-2009 13:27:06	Tw_i_and_stray	42.500	16	21Alp Sco	1.0200	3000.0	85	37639	No
112	GOM_NL__2PRFIN20090512_132855_000000392079_00010_37639_4454.N1	12-MAY-2009 13:28:55	Bright	39.000	80	7Del Sco	2.3160	30000.	78	37639	No
113	GOM_NL__2PRFIN20090512_133337_000000372079_00010_37639_4455.N1	12-MAY-2009 13:33:37	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	37639	No
114	GOM_NL__2PRFIN20090512_133600_000000292079_00010_37639_4456.N1	12-MAY-2009 13:36:00	Tw_i_and_stray	29.000	120	1Del Oph	2.7340	3200.0	58	37639	No
115	GOM_NL__2PRFIN20090512_133914_000000572079_00010_37639_4457.N1	12-MAY-2009 13:39:14	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	37639	No
116	GOM_NL__2PRFIN20090512_134548_000000432079_00010_37639_4458.N1	12-MAY-2009 13:45:48	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37639	No
117	GOM_NL__2PRFIN20090512_135647_000000392079_00010_37639_4459.N1	12-MAY-2009 13:56:47	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37639	No
118	GOM_NL__2PRFIN20090512_140741_000000362079_00010_37639_4460.N1	12-MAY-2009 14:07:41	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	37639	No
119	GOM_NL__2PRFIN20090512_142100_000000342079_00010_37639_4461.N1	12-MAY-2009 14:21:00	Tw_i_and_stray	34.000	93	53Bet Peg	2.5200	3100.0	68	37639	No
120	GOM_NL__2PRFIN20090512_142529_000000362079_00010_37639_4462.N1	12-MAY-2009 14:25:29	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37639	No
121	GOM_NL__2PRFIN20090512_144351_000000422079_00010_37639_4463.N1	12-MAY-2009 14:43:51	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37639	No
122	GOM_NL__2PRFIN20090512_150015_000000302079_00011_37640_4464.N1	12-MAY-2009 15:00:15	Straylight	30.000	38	20Eps Sgr	1.8360	11000.	60	37640	No
123	GOM_NL__2PRFIN20090512_150159_000000452079_00011_37640_4465.N1	12-MAY-2009 15:01:59	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37640	No
124	GOM_NL__2PRFIN20090512_150429_000000422079_00011_37640_4466.N1	12-MAY-2009 15:04:29	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37640	No
125	GOM_NL__2PRFIN20090512_150742_000000422079_00011_37640_4467.N1	12-MAY-2009 15:07:42	Tw_i_and_stray	42.000	16	21Alp Sco	1.0200	3000.0	84	37640	No
126	GOM_NL__2PRFIN20090512_150931_000000392079_00011_37640_4468.N1	12-MAY-2009 15:09:31	Bright	39.000	80	7Del Sco	2.3160	30000.	78	37640	No
127	GOM_NL__2PRFIN20090512_151635_000000352079_00011_37640_4469.N1	12-MAY-2009 15:16:35	Tw_i_and_stray	35.000	120	1Del Oph	2.7340	3200.0	70	37640	No
128	GOM_NL__2PRFIN20090512_151949_000000442079_00011_37640_4470.N1	12-MAY-2009 15:19:49	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37640	No
129	GOM_NL__2PRFIN20090512_152623_000000442079_00011_37640_4471.N1	12-MAY-2009 15:26:23	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37640	No
130	GOM_NL__2PRFIN20090512_153722_000000382079_00011_37640_4472.N1	12-MAY-2009 15:37:22	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37640	No
131	GOM_NL__2PRFIN20090512_154816_000000362079_00011_37640_4473.N1	12-MAY-2009 15:48:16	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37640	No
132	GOM_NL__2PRFIN20090512_160136_000000342079_00011_37640_4474.N1	12-MAY-2009 16:01:36	Tw_i_and_stray	34.000	93	53Bet Peg	2.5200	3100.0	68	37640	No
133	GOM_NL__2PRFIN20090512_160606_000000362079_00011_37640_4475.N1	12-MAY-2009 16:06:06	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37640	No
134	GOM_NL__2PRFIN20090512_162428_000000422079_00011_37640_4476.N1	12-MAY-2009 16:24:28	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37640	No
135	GOM_NL__2PRFIN20090512_164052_000000302079_00012_37641_4478.N1	12-MAY-2009 16:40:52	Straylight	30.000	38	20Eps Sgr	1.8360	11000.	60	37641	No
136	GOM_NL__2PRFIN20090512_164236_000000452079_00012_37641_4479.N1	12-MAY-2009 16:42:36	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37641	No
137	GOM_NL__2PRFIN20090512_164505_000000412079_00012_37641_4480.N1	12-MAY-2009 16:45:05	Straylight	41.000	75	26Eps Sco	2.2910	4250.0	82	37641	No
138	GOM_NL__2PRFIN20090512_164818_000000422079_00012_37641_4481.N1	12-MAY-2009 16:48:18	Tw_i_and_stray	42.000	16	21Alp Sco	1.0200	3000.0	84	37641	No
139	GOM_NL__2PRFIN20090512_165007_000000402079_00012_37641_4482.N1	12-MAY-2009 16:50:07	Bright	39.500	80	7Del Sco	2.3160	30000.	79	37641	No
140	GOM_NL__2PRFIN20090512_165711_000000352079_00012_37641_4483.N1	12-MAY-2009 16:57:11	Tw_i_and_stray	35.000	120	1Del Oph	2.7340	3200.0	70	37641	No
141	GOM_NL__2PRFIN20090512_170025_000000442079_00012_37641_4484.N1	12-MAY-2009 17:00:25	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37641	No
142	GOM_NL__2PRFIN20090512_170659_000000442079_00012_37641_4485.N1	12-MAY-2009 17:06:59	Bright	44.000	67	5Alp CrB	2.2210	11000.	88	37641	No
143	GOM_NL__2PRFIN20090512_171758_000000392079_00012_37641_4486.N1	12-MAY-2009 17:17:58	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37641	No
144	GOM_NL__2PRFIN20090512_172852_000000362079_00012_37641_4487.N1	12-MAY-2009 17:28:52	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	37641	No
145	GOM_NL__2PRFIN20090512_174213_000000352079_00012_37641_4488.N1	12-MAY-2009 17:42:13	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37641	No
146	GOM_NL__2PRFIN20090512_174642_000000362079_00012_37641_4489.N1	12-MAY-2009 17:46:42	Dark	36.000	90	54Alp Peg	2.4870	11000.	72	37641	No
147	GOM_NL__2PRFIN20090512_180505_000000422079_00012_37641_4490.N1	12-MAY-2009 18:05:05	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37641	No
148	GOM_NL__2PRFIN20090512_182129_000000322079_00013_37642_4494.N1	12-MAY-2009 18:21:29	Straylight	32.000	38	20Eps Sgr	1.8360	11000.	64	37642	No
149	GOM_NL__2PRFIN20090512_182312_000000452079_00013_37642_4495.N1	12-MAY-2009 18:23:12	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37642	No
150	GOM_NL__2PRFIN20090512_182542_000000422079_00013_37642_4496.N1	12-MAY-2009 18:25:42	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37642	No
151	GOM_NL__2PRFIN20090512_182855_000000422079_00013_37642_4497.N1	12-MAY-2009 18:28:55	Tw_i_and_stray	42.000	16	21Alp Sco	1.0200	3000.0	84	37642	No
152	GOM_NL__2PRFIN20090512_183044_000000402079_00013_37642_4498.N1	12-MAY-2009 18:30:44	Bright	39.500	80	7Del Sco	2.3160	30000.	79	37642	No
153	GOM_NL__2PRFIN20090512_183747_000000422079_00013_37642_4499.N1	12-MAY-2009 18:37:47	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	37642	No
154	GOM_NL__2PRFIN20090512_184101_000000442079_00013_37642_4500.N1	12-MAY-2009 18:41:01	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37642	No
155	GOM_NL__2PRFIN20090512_184734_000000432079_00013_37642_4501.N1	12-MAY-2009 18:47:34	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37642	No
156	GOM_NL__2PRFIN20090512_185833_000000382079_00013_37642_4502.N1	12-MAY-2009 18:58:33	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37642	No
157	GOM_NL__2PRFIN20090512_190927_000000362079_00013_37642_4503.N1	12-MAY-2009 19:09:27	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37642	No
158	GOM_NL__2PRFIN20090512_192249_000000352079_00013_37642_4504.N1	12-MAY-2009 19:22:49	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37642	No
159	GOM_NL__2PRFIN20090512_192719_000000362079_00013_37642_4505.N1	12-MAY-2009 19:27:19	Dark	36.000	90	54Alp Peg	2.4870	11000.	72	37642	No
160	GOM_NL__2PRFIN20090512_194542_000000422079_00013_37642_4506.N1	12-MAY-2009 19:45:42	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37642	No

161	GOM_NL__2PRFIN20090512_200206_000000322079_00014_37643_4529.N1	12-MAY-2009 20:02:06	Straylight	32.000	38	20Eps Sgr	1.8360	11000.	64	37643	No
162	GOM_NL__2PRFIN20090512_200349_000000452079_00014_37643_4530.N1	12-MAY-2009 20:03:49	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37643	No
163	GOM_NL__2PRFIN20090512_200618_000000412079_00014_37643_4531.N1	12-MAY-2009 20:06:18	Straylight	41.000	75	26Eps Sco	2.2910	4250.0	82	37643	No
164	GOM_NL__2PRFIN20090512_200931_000000432079_00014_37643_4532.N1	12-MAY-2009 20:09:31	Tw_i_and_stray	42.500	16	21Alp Sco	1.0200	3000.0	85	37643	No
165	GOM_NL__2PRFIN20090512_201120_000000402079_00014_37643_4533.N1	12-MAY-2009 20:11:20	Bright	39.500	80	7Del Sco	2.3160	30000.	79	37643	No
166	GOM_NL__2PRFIN20090512_201823_000000422079_00014_37643_4534.N1	12-MAY-2009 20:18:23	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	37643	No
167	GOM_NL__2PRFIN20090512_202137_000000442079_00014_37643_4535.N1	12-MAY-2009 20:21:37	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37643	No
168	GOM_NL__2PRFIN20090512_202809_000000432079_00014_37643_4536.N1	12-MAY-2009 20:28:09	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37643	No
169	GOM_NL__2PRFIN20090512_203909_000000382079_00014_37643_4537.N1	12-MAY-2009 20:39:09	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37643	No
170	GOM_NL__2PRFIN20090512_205003_000000362079_00014_37643_4538.N1	12-MAY-2009 20:50:03	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	37643	No
171	GOM_NL__2PRFIN20090512_210325_000000352079_00014_37643_4539.N1	12-MAY-2009 21:03:25	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37643	No
172	GOM_NL__2PRFIN20090512_210755_000000362079_00014_37643_4540.N1	12-MAY-2009 21:07:55	Dark	36.000	90	54Alp Peg	2.4870	11000.	72	37643	No
173	GOM_NL__2PRFIN20090512_212618_000000422079_00014_37643_4541.N1	12-MAY-2009 21:26:18	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37643	No
174	GOM_NL__2PRFIN20090512_214242_000000332079_00015_37644_4548.N1	12-MAY-2009 21:42:42	Straylight	33.000	38	20Eps Sgr	1.8360	11000.	66	37644	No
175	GOM_NL__2PRFIN20090512_214426_000000442079_00015_37644_4549.N1	12-MAY-2009 21:44:26	Straylight	43.500	25	35Lam Sco	1.6200	28000.	87	37644	No
176	GOM_NL__2PRFIN20090512_214655_000000412079_00015_37644_4550.N1	12-MAY-2009 21:46:55	Straylight	40.500	75	26Eps Sco	2.2910	4250.0	81	37644	No
177	GOM_NL__2PRFIN20090512_215008_000000422079_00015_37644_4551.N1	12-MAY-2009 21:50:08	Tw_i_and_stray	41.500	16	21Alp Sco	1.0200	3000.0	83	37644	No
178	GOM_NL__2PRFIN20090512_215156_000000392079_00015_37644_4552.N1	12-MAY-2009 21:51:56	Bright	39.000	80	7Del Sco	2.3160	30000.	78	37644	No
179	GOM_NL__2PRFIN20090512_215859_000000472079_00015_37644_4553.N1	12-MAY-2009 21:58:59	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	37644	No
180	GOM_NL__2PRFIN20090512_220213_000000432079_00015_37644_4554.N1	12-MAY-2009 22:02:13	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37644	No
181	GOM_NL__2PRFIN20090512_220844_000000432079_00015_37644_4555.N1	12-MAY-2009 22:08:44	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37644	No
182	GOM_NL__2PRFIN20090512_221944_000000392079_00015_37644_4556.N1	12-MAY-2009 22:19:44	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37644	No
183	GOM_NL__2PRFIN20090512_223038_000000362079_00015_37644_4557.N1	12-MAY-2009 22:30:38	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37644	No
184	GOM_NL__2PRFIN20090512_224401_000000352079_00015_37644_4558.N1	12-MAY-2009 22:44:01	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37644	No
185	GOM_NL__2PRFIN20090512_224831_000000362079_00015_37644_4559.N1	12-MAY-2009 22:48:31	Dark	36.000	90	54Alp Peg	2.4870	11000.	72	37644	No
186	GOM_NL__2PRFIN20090512_230656_000000422079_00015_37644_4560.N1	12-MAY-2009 23:06:56	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37644	No
187	GOM_NL__2PRFIN20090512_232320_000000332079_00016_37645_4564.N1	12-MAY-2009 23:23:20	Straylight	33.000	38	20Eps Sgr	1.8360	11000.	66	37645	No
188	GOM_NL__2PRFIN20090512_232502_000000442079_00016_37645_4565.N1	12-MAY-2009 23:25:02	Straylight	44.000	25	35Lam Sco	1.6200	28000.	88	37645	No
189	GOM_NL__2PRFIN20090512_232731_000000412079_00016_37645_4566.N1	12-MAY-2009 23:27:31	Straylight	41.000	75	26Eps Sco	2.2910	4250.0	82	37645	No
190	GOM_NL__2PRFIN20090512_233043_000000422079_00016_37645_4567.N1	12-MAY-2009 23:30:43	Tw_i_and_stray	42.000	16	21Alp Sco	1.0200	3000.0	84	37645	No
191	GOM_NL__2PRFIN20090512_233232_000000392079_00016_37645_4568.N1	12-MAY-2009 23:32:32	Bright	39.000	80	7Del Sco	2.3160	30000.	78	37645	No
192	GOM_NL__2PRFIN20090512_233933_000000482079_00016_37645_4569.N1	12-MAY-2009 23:39:33	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37645	No
193	GOM_NL__2PRFIN20090512_234247_000000432079_00016_37645_4570.N1	12-MAY-2009 23:42:47	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37645	No
194	GOM_NL__2PRFIN20090512_234920_000000662079_00016_37645_4571.N1	12-MAY-2009 23:49:20	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	37645	No

3. Quality information per product

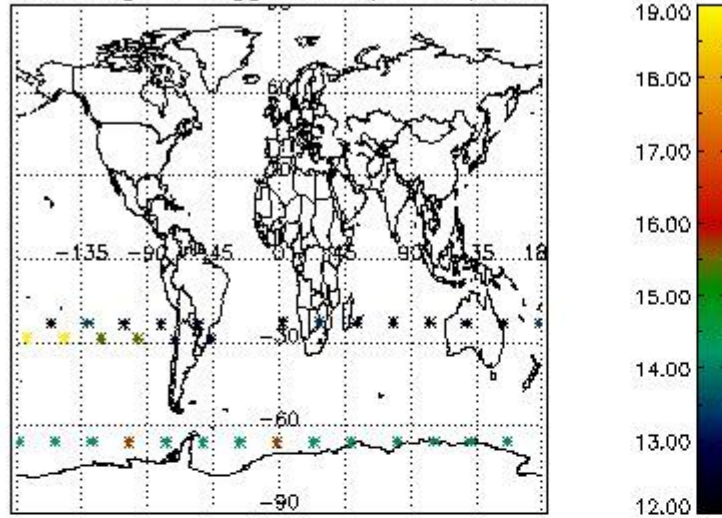
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

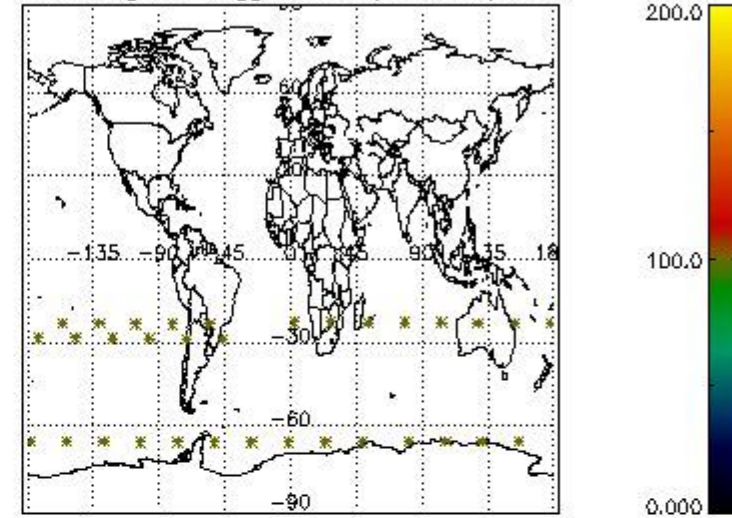


3.2 Plot quality information per product (world map)

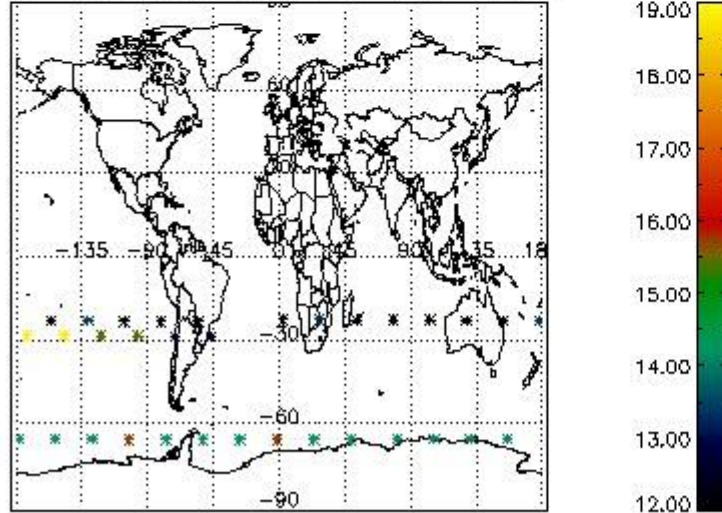
Percentage of flagged data per O3 profile



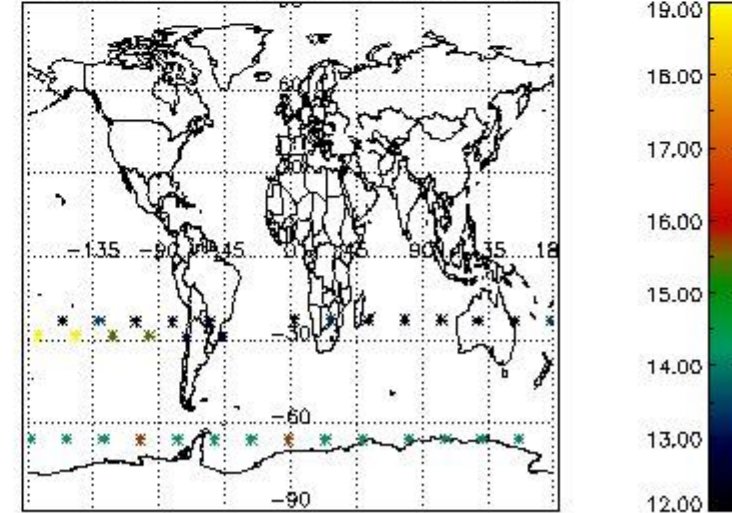
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

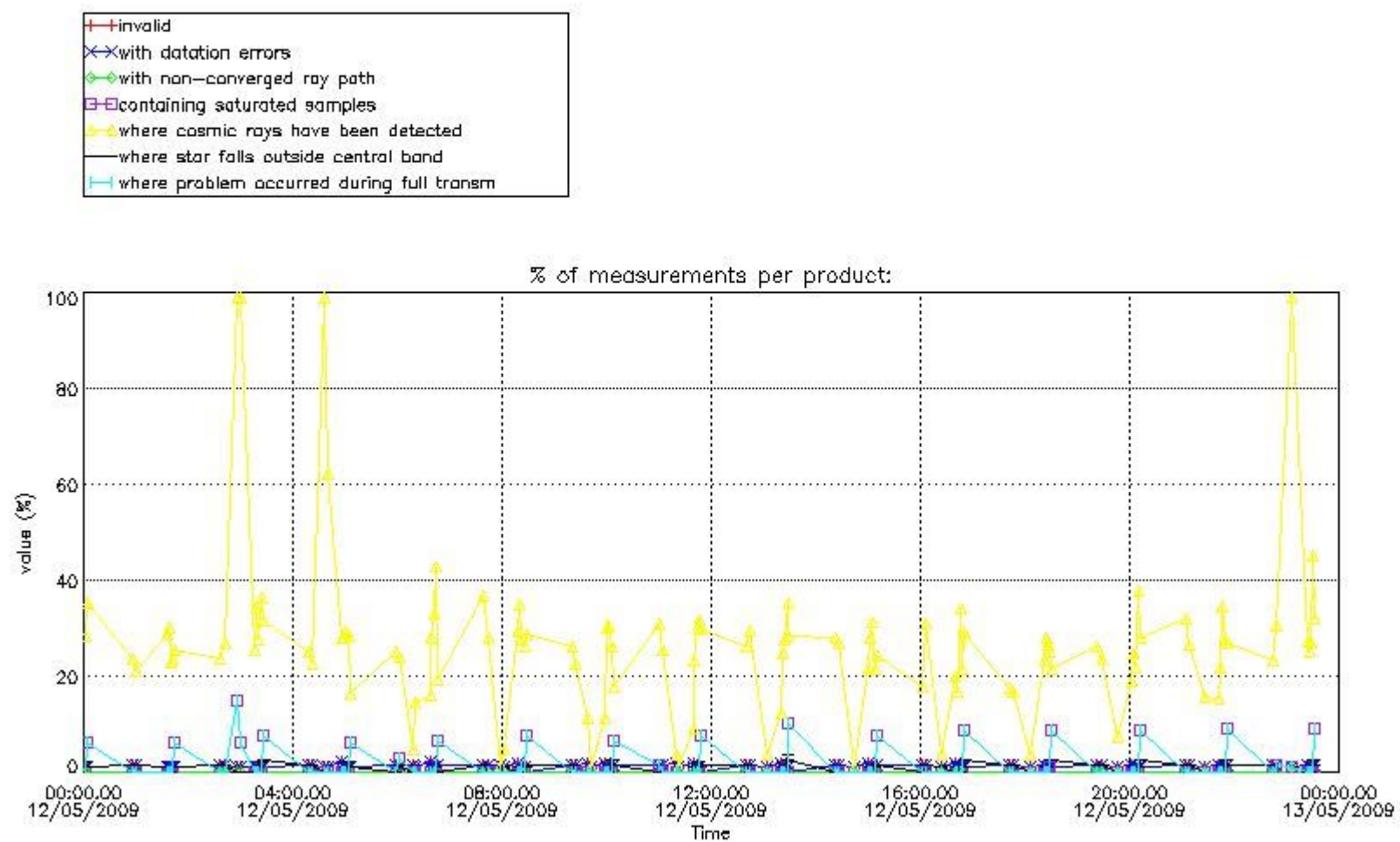


4. Level 1 quality information per product

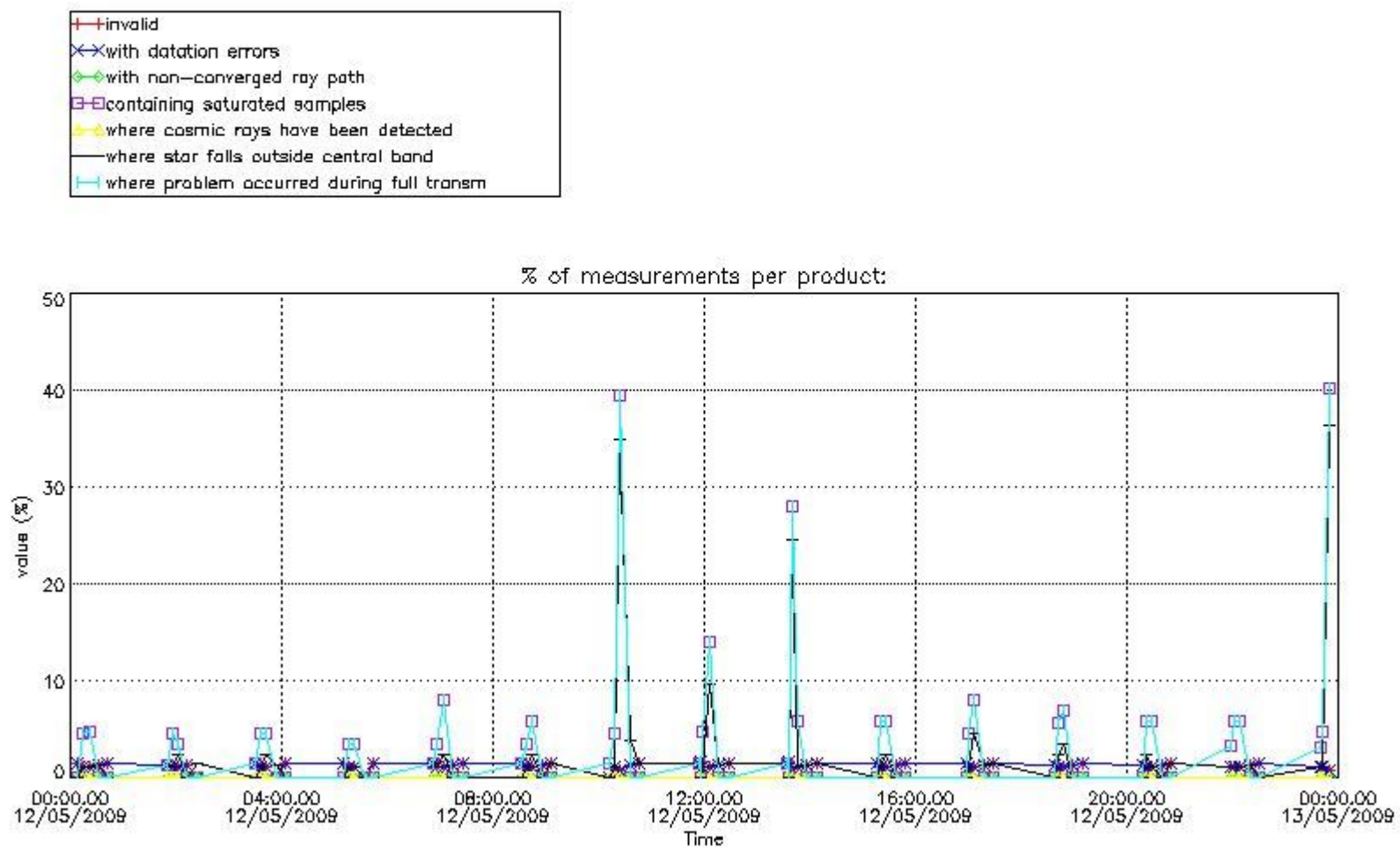
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

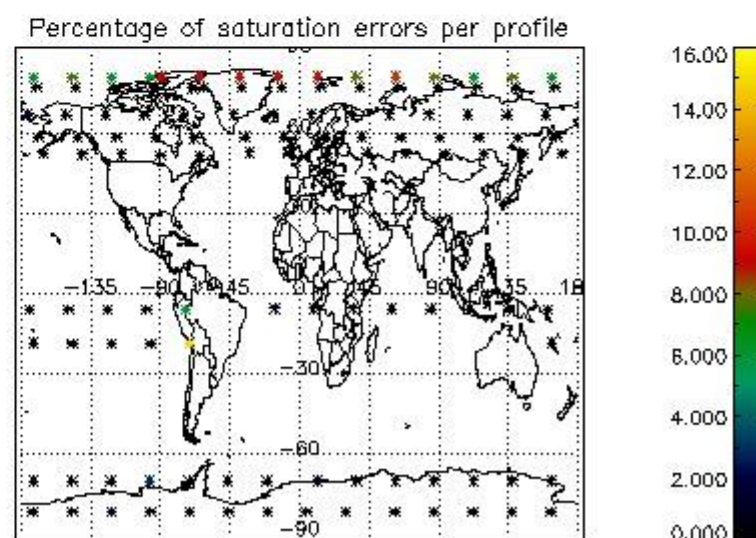
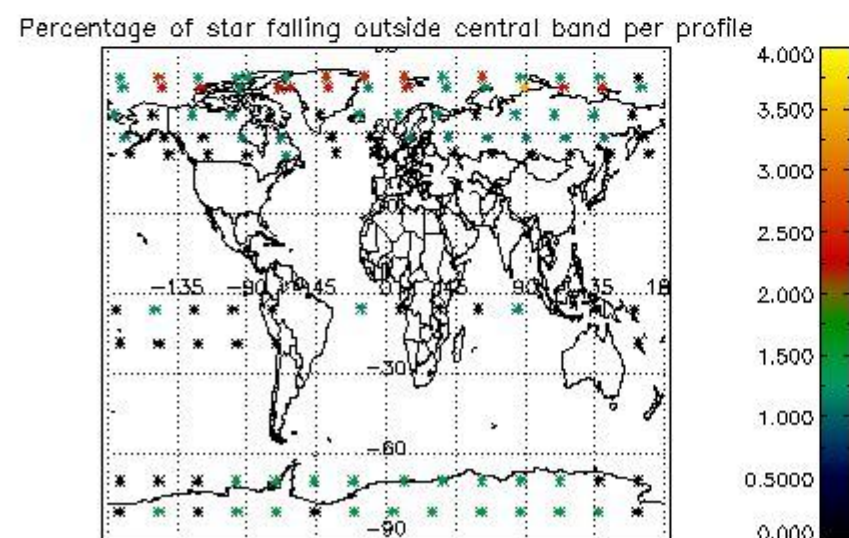
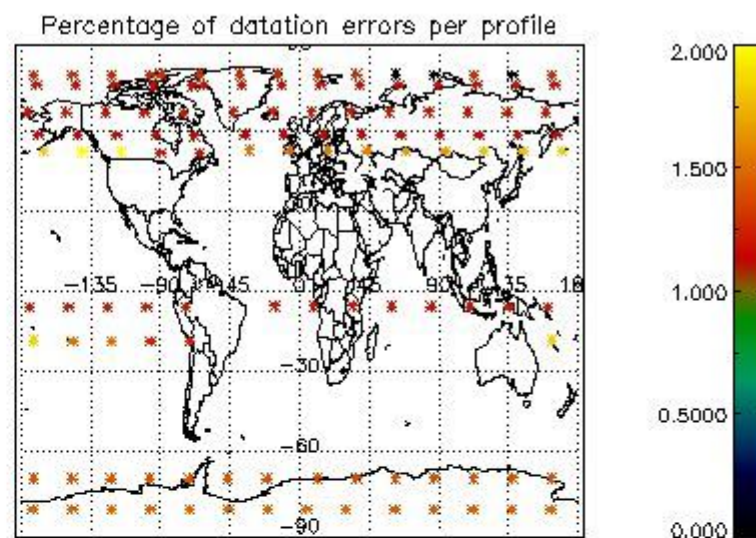
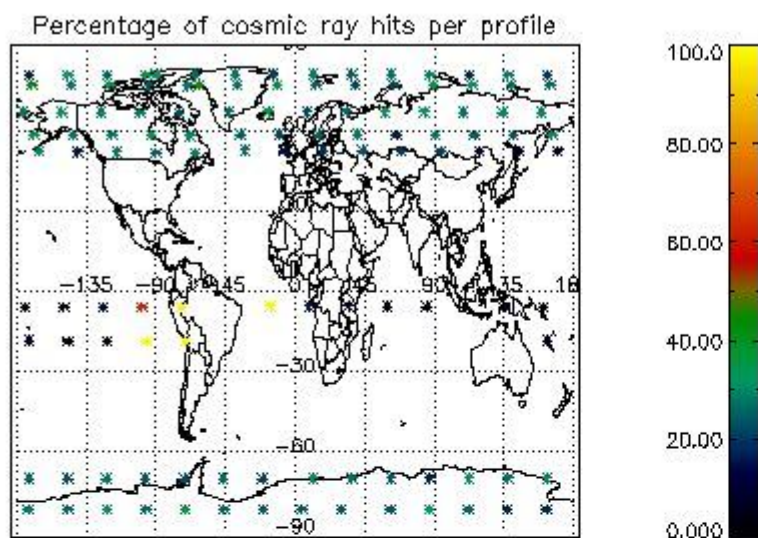


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

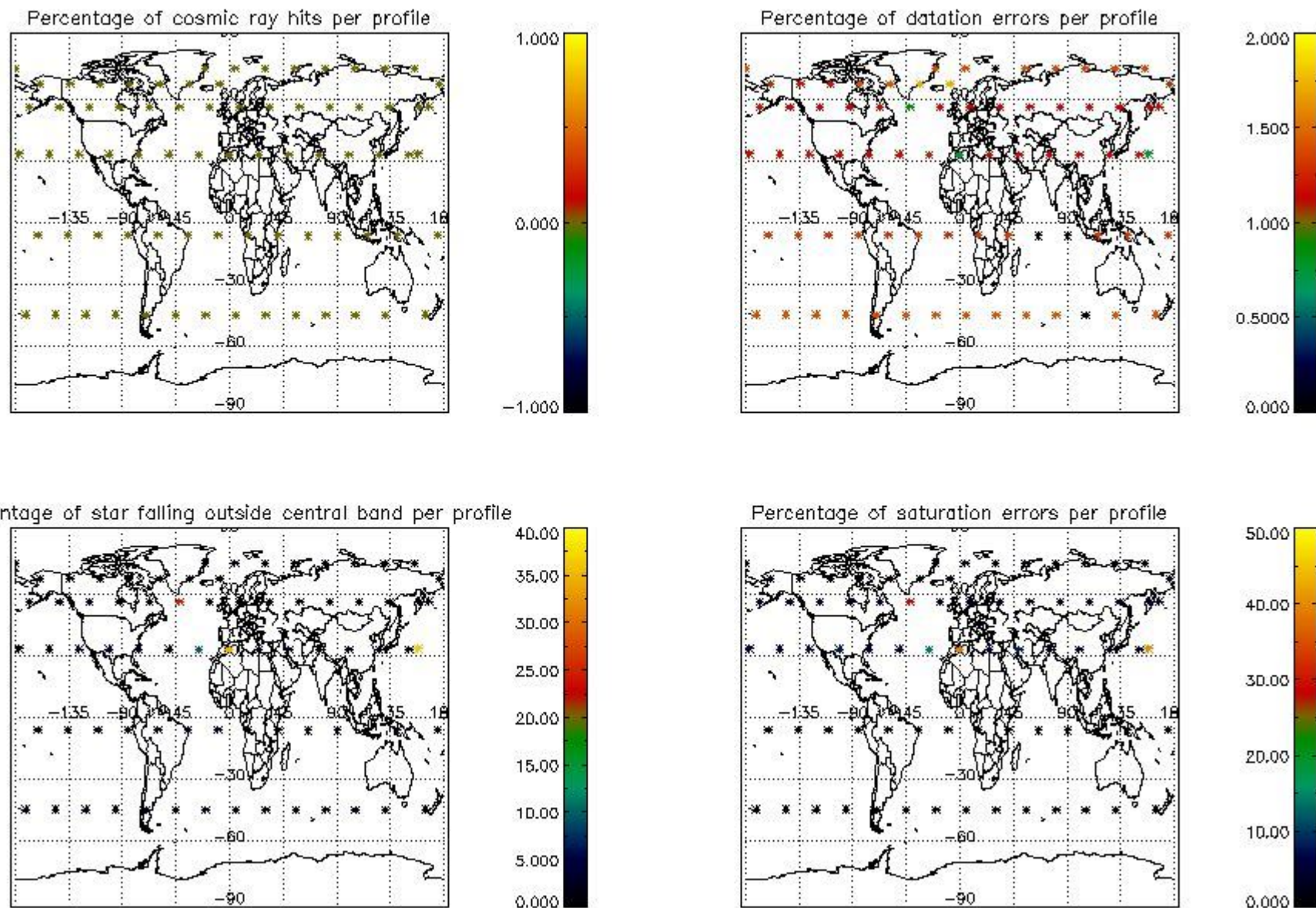


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

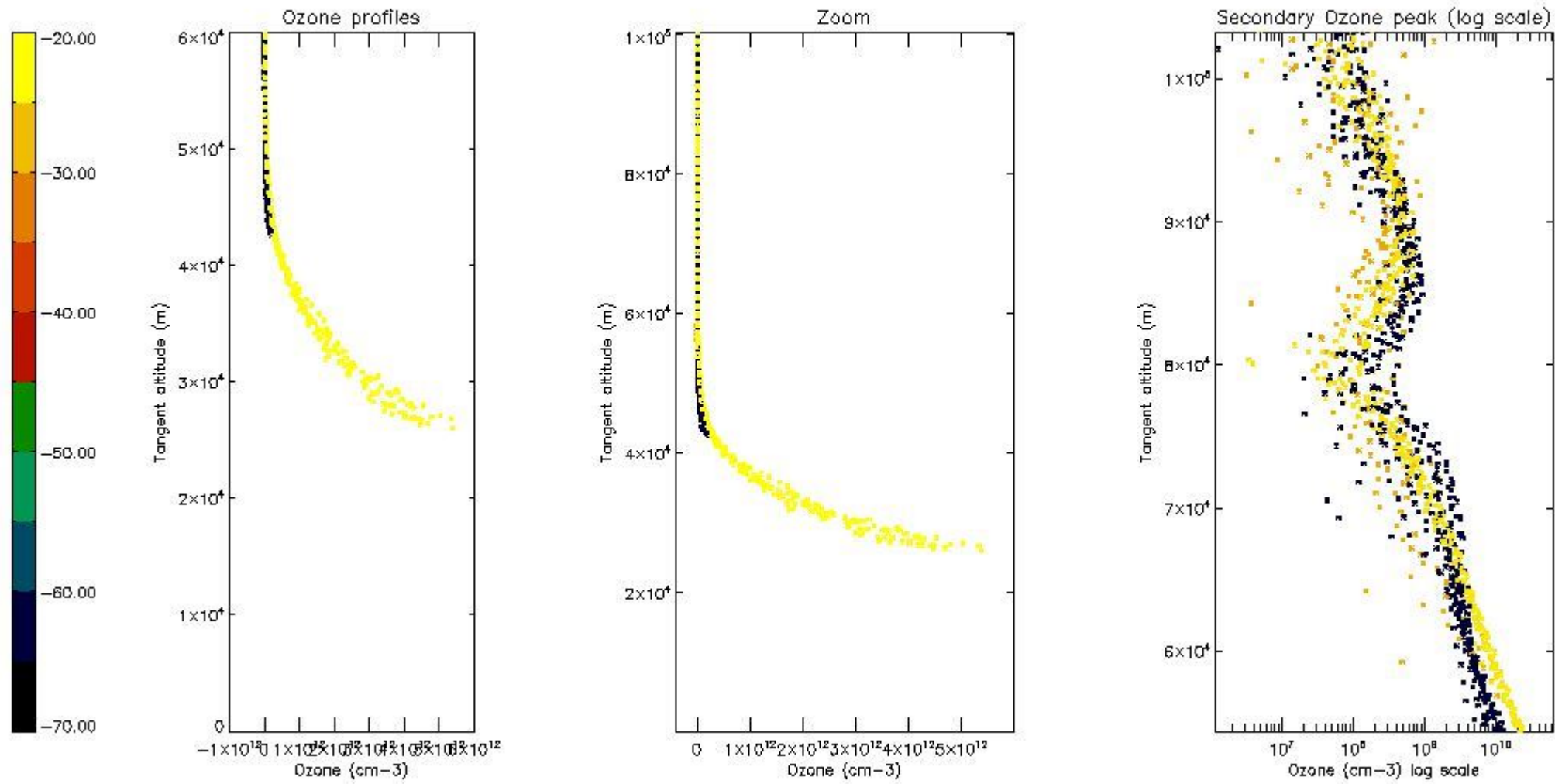
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	16
STD < 20	7

STD < 10	5
STD < 5	1

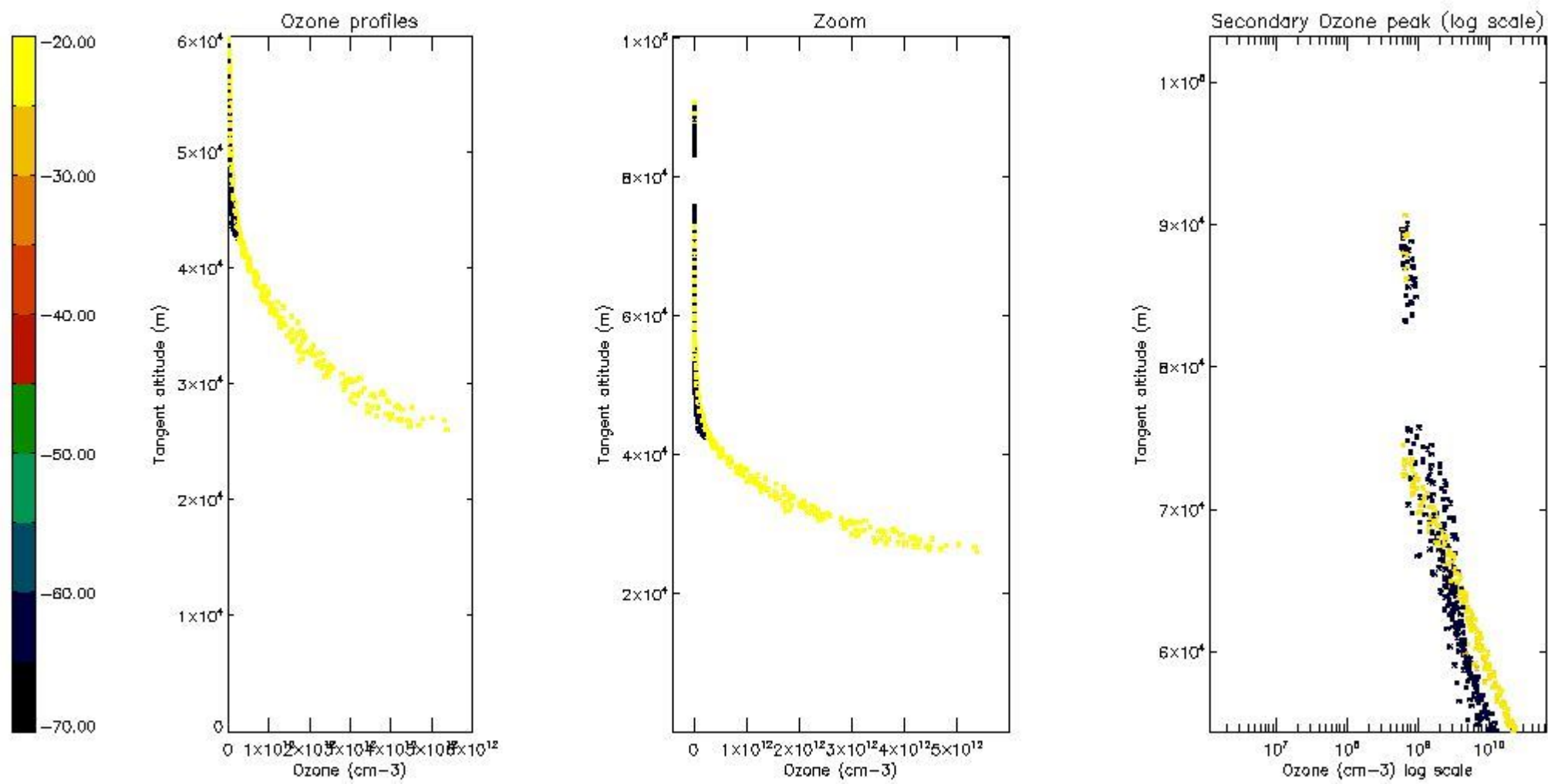
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



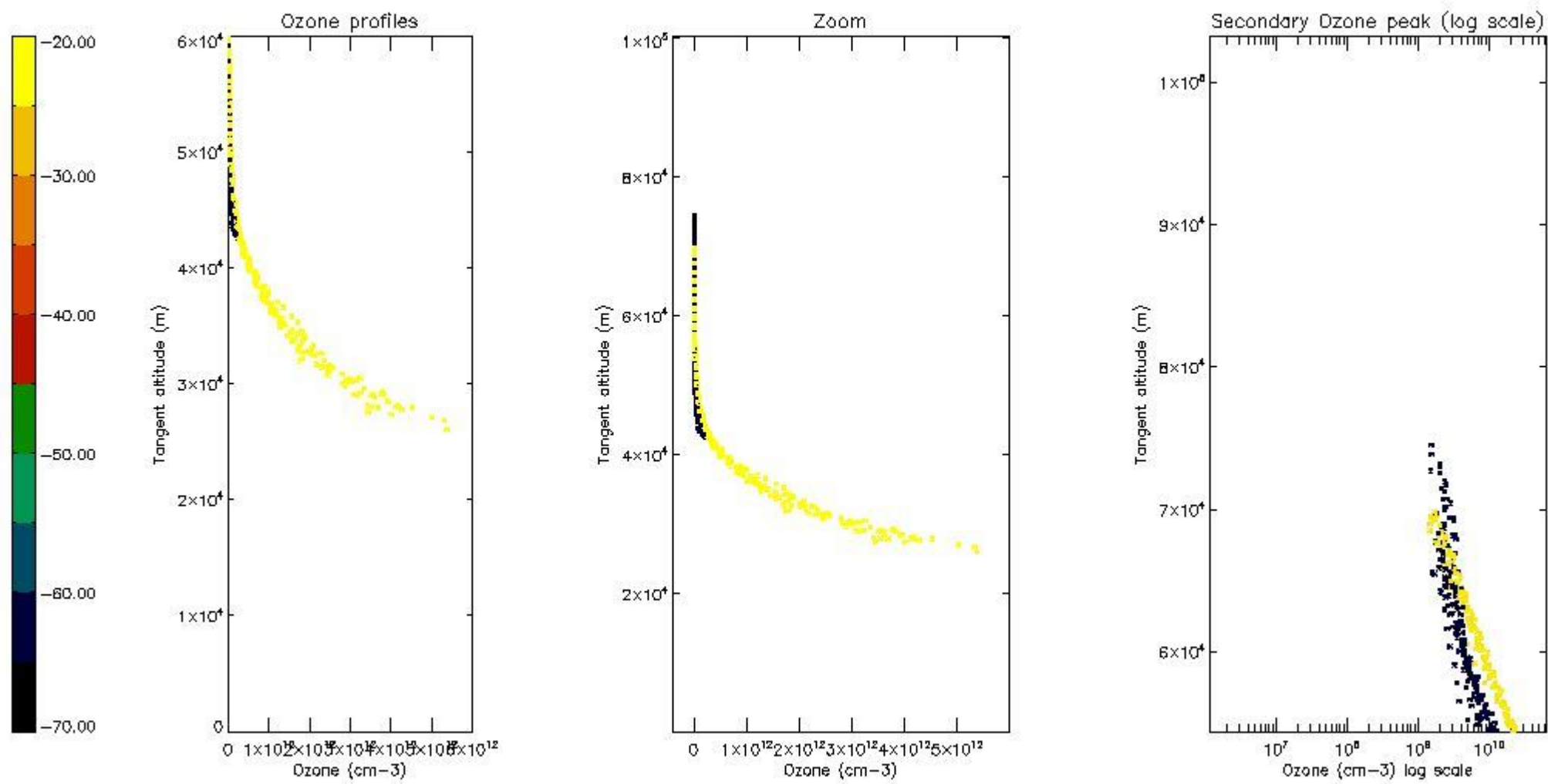
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



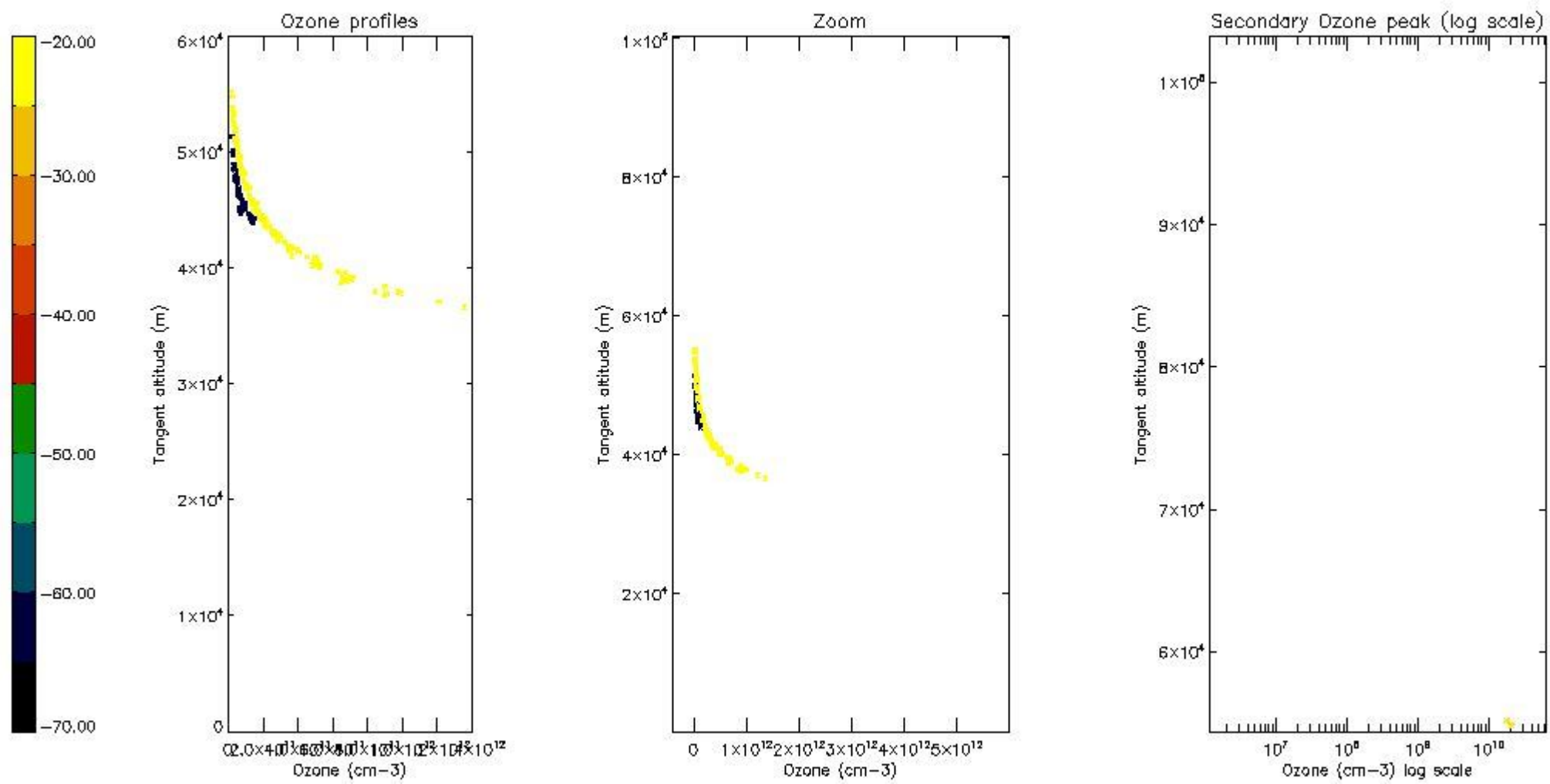
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



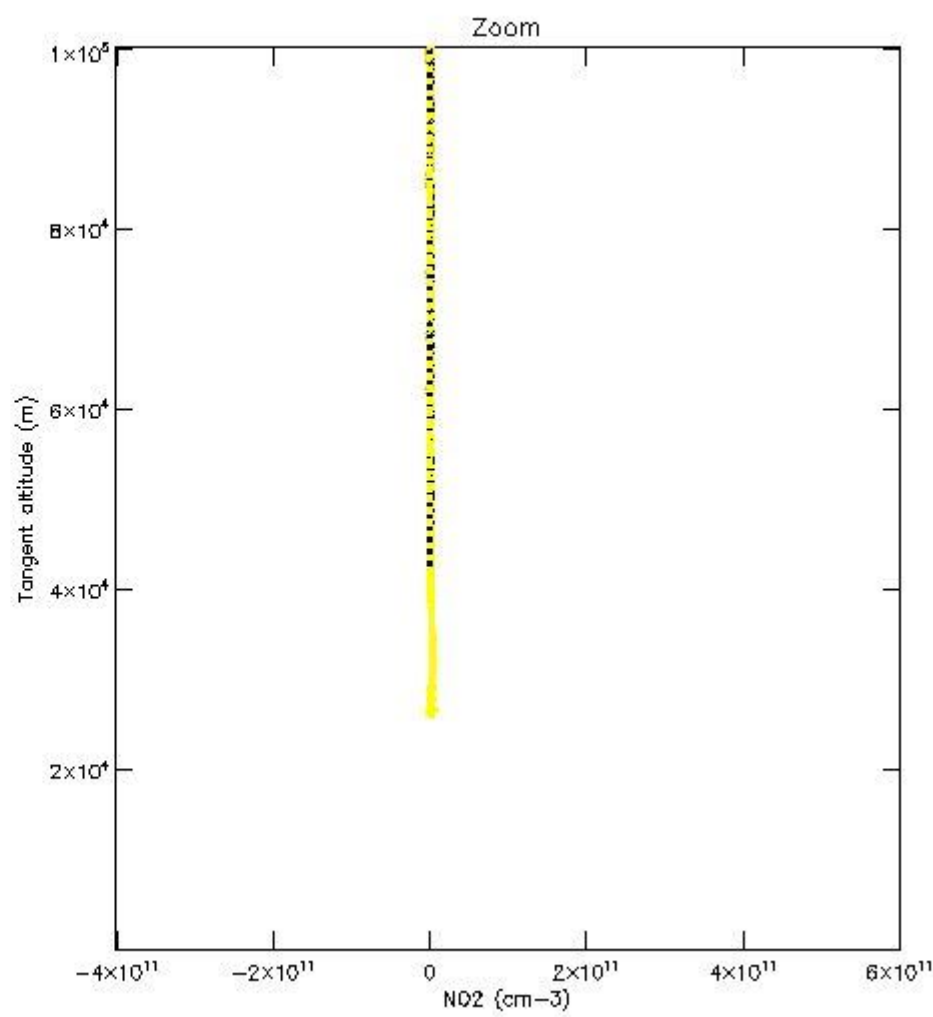
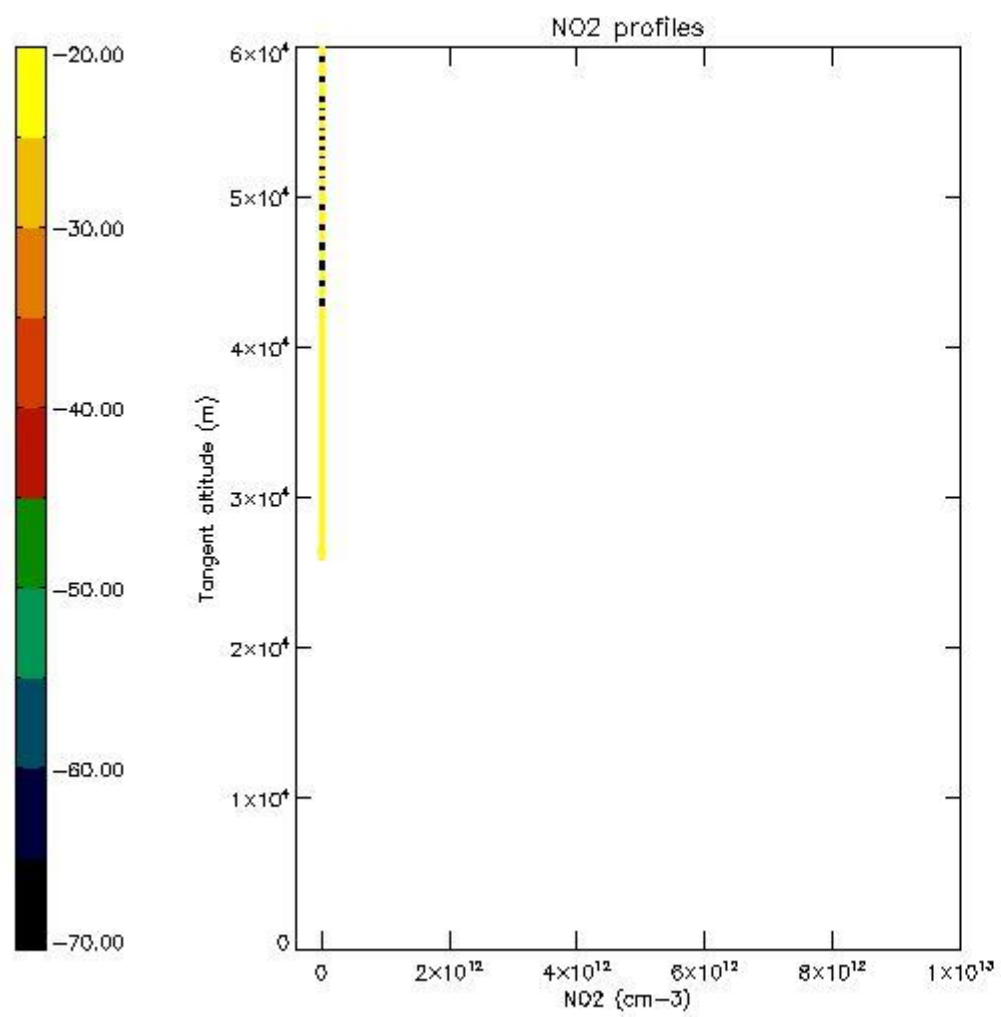
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



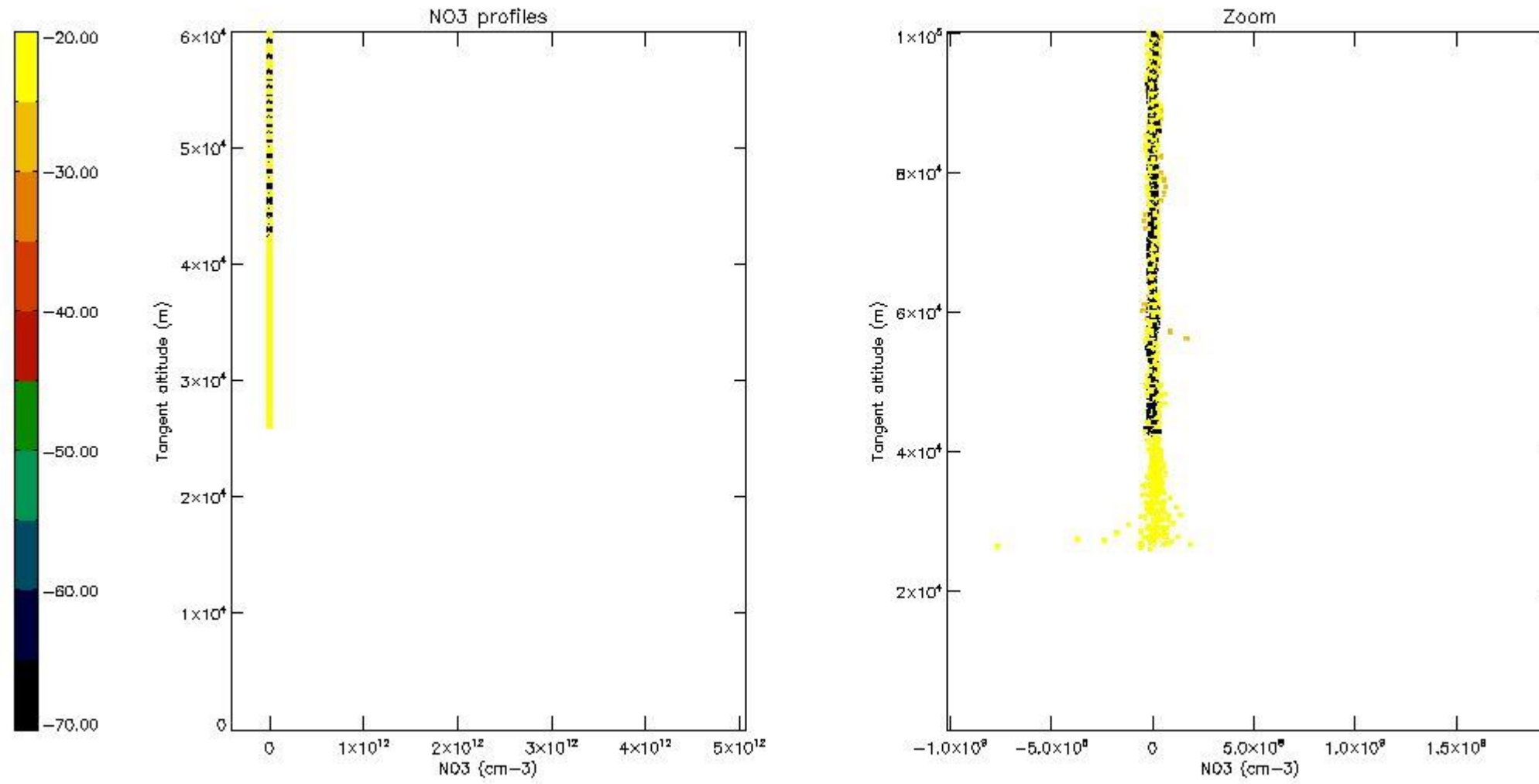
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	12-MAY-2009 00:02:16
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-MAY-2009 00:02:16
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-MAY-2009 00:02:16

GOMOS Level 2 Daily Report

SUMMARY

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

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

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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% \(dark without errors\)](#)

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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 09:27:13
Data source version	GOMOS/6.01
Start time of products	12-05-2009 (12MAY2009 00:00:00)
Stop time of products	13-05-2009 (13MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	194
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__2PRFIN20090512_000216_000000432079_00002_37631_4311.N1	12-MAY-2009 00:02:16	Twilight	42.500	16	21Alp Sco	1.0200	3000.0	85	37631	No
2	GOM_NL__2PRFIN20090512_000406_000000402079_00002_37631_4312.N1	12-MAY-2009 00:04:06	Bright	39.500	80	7Del Sco	2.3160	30000.	79	37631	No
3	GOM_NL__2PRFIN20090512_000849_000000372079_00002_37631_4313.N1	12-MAY-2009 00:08:49	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	37631	No
4	GOM_NL__2PRFIN20090512_001429_000000442079_00002_37631_4314.N1	12-MAY-2009 00:14:29	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37631	No
5	GOM_NL__2PRFIN20090512_002105_000000432079_00002_37631_4315.N1	12-MAY-2009 00:21:05	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37631	No
6	GOM_NL__2PRFIN20090512_003204_000000382079_00002_37631_4316.N1	12-MAY-2009 00:32:04	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37631	No
7	GOM_NL__2PRFIN20090512_004256_000000362079_00002_37631_4317.N1	12-MAY-2009 00:42:56	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37631	No
8	GOM_NL__2PRFIN20090512_005611_000000342079_00002_37631_4318.N1	12-MAY-2009 00:56:11	Twilight	34.000	93	53Bet Peg	2.5200	3100.0	68	37631	No
9	GOM_NL__2PRFIN20090512_010038_000000362079_00002_37631_4319.N1	12-MAY-2009 01:00:38	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37631	No
10	GOM_NL__2PRFIN20090512_013514_000000422079_00003_37632_4318.N1	12-MAY-2009 01:35:14	Straylight	42.000	40	The Sco	1.8590	7100.0	84	37632	No
11	GOM_NL__2PRFIN20090512_013705_000000452079_00003_37632_4319.N1	12-MAY-2009 01:37:05	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37632	No
12	GOM_NL__2PRFIN20090512_013937_000000422079_00003_37632_4320.N1	12-MAY-2009 01:39:37	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37632	No
13	GOM_NL__2PRFIN20090512_014252_000000432079_00003_37632_4321.N1	12-MAY-2009 01:42:52	Twilight	42.500	16	21Alp Sco	1.0200	3000.0	85	37632	No
14	GOM_NL__2PRFIN20090512_014442_000000402079_00003_37632_4322.N1	12-MAY-2009 01:44:42	Bright	39.500	80	7Del Sco	2.3160	30000.	79	37632	No
15	GOM_NL__2PRFIN20090512_014925_000000372079_00003_37632_4323.N1	12-MAY-2009 01:49:25	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	37632	No
16	GOM_NL__2PRFIN20090512_015505_000000442079_00003_37632_4324.N1	12-MAY-2009 01:55:05	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37632	No
17	GOM_NL__2PRFIN20090512_020140_000000432079_00003_37632_4325.N1	12-MAY-2009 02:01:40	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37632	No
18	GOM_NL__2PRFIN20090512_021239_000000382079_00003_37632_4326.N1	12-MAY-2009 02:12:39	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37632	No
19	GOM_NL__2PRFIN20090512_022332_000000352079_00003_37632_4327.N1	12-MAY-2009 02:23:32	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	37632	No
20	GOM_NL__2PRFIN20090512_023647_000000342079_00003_37632_4328.N1	12-MAY-2009 02:36:47	Twilight	34.000	93	53Bet Peg	2.5200	3100.0	68	37632	No
21	GOM_NL__2PRFIN20090512_024115_000000362079_00003_37632_4329.N1	12-MAY-2009 02:41:15	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37632	No
22	GOM_NL__2PRFIN20090512_025559_000000402079_00003_37632_4330.N1	12-MAY-2009 02:55:59	Dark	40.000	142	49Del Cap	2.8500	8900.0	80	37632	No
23	GOM_NL__2PRFIN20090512_025933_000000412079_00003_37632_4331.N1	12-MAY-2009 02:59:33	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37632	No
24	GOM_NL__2PRFIN20090512_031551_000000422079_00004_37633_4346.N1	12-MAY-2009 03:15:51	Straylight	41.500	40	The Sco	1.8590	7100.0	83	37633	No
25	GOM_NL__2PRFIN20090512_031742_000000452079_00004_37633_4347.N1	12-MAY-2009 03:17:42	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37633	No
26	GOM_NL__2PRFIN20090512_032014_000000422079_00004_37633_4348.N1	12-MAY-2009 03:20:14	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37633	No
27	GOM_NL__2PRFIN20090512_032328_000000432079_00004_37633_4349.N1	12-MAY-2009 03:23:28	Twilight	42.500	16	21Alp Sco	1.0200	3000.0	85	37633	No
28	GOM_NL__2PRFIN20090512_032518_000000402079_00004_37633_4350.N1	12-MAY-2009 03:25:18	Bright	39.500	80	7Del Sco	2.3160	30000.	79	37633	No
29	GOM_NL__2PRFIN20090512_033001_000000372079_00004_37633_4351.N1	12-MAY-2009 03:30:01	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	37633	No
30	GOM_NL__2PRFIN20090512_033540_000000442079_00004_37633_4352.N1	12-MAY-2009 03:35:40	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37633	No
31	GOM_NL__2PRFIN20090512_034216_000000442079_00004_37633_4353.N1	12-MAY-2009 03:42:16	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37633	No
32	GOM_NL__2PRFIN20090512_035315_000000382079_00004_37633_4354.N1	12-MAY-2009 03:53:15	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	37633	No
33	GOM_NL__2PRFIN20090512_040408_000000362079_00004_37633_4355.N1	12-MAY-2009 04:04:08	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37633	No
34	GOM_NL__2PRFIN20090512_041723_000000342079_00004_37633_4356.N1	12-MAY-2009 04:17:23	Twilight	34.000	93	53Bet Peg	2.5200	3100.0	68	37633	No
35	GOM_NL__2PRFIN20090512_042151_000000362079_00004_37633_4357.N1	12-MAY-2009 04:21:51	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37633	No
36	GOM_NL__2PRFIN20090512_043637_000000402079_00004_37633_4358.N1	12-MAY-2009 04:36:37	Dark	40.000	142	49Del Cap	2.8500	8900.0	80	37633	No
37	GOM_NL__2PRFIN20090512_044010_000000412079_00004_37633_4359.N1	12-MAY-2009 04:40:10	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37633	No
38	GOM_NL__2PRFIN20090512_045633_000000252079_00005_37634_4367.N1	12-MAY-2009 04:56:33	Straylight	25.000	38	20Eps Sgr	1.8360	11000.	50	37634	No
39	GOM_NL__2PRFIN20090512_045819_000000452079_00005_37634_4368.N1	12-MAY-2009 04:58:19	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37634	No
40	GOM_NL__2PRFIN20090512_050050_000000422079_00005_37634_4369.N1	12-MAY-2009 05:00:50	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37634	No
41	GOM_NL__2PRFIN20090512_050404_000000432079_00005_37634_4370.N1	12-MAY-2009 05:04:04	Twilight	42.500	16	21Alp Sco	1.0200	3000.0	85	37634	No
42	GOM_NL__2PRFIN20090512_050554_000000402079_00005_37634_4371.N1	12-MAY-2009 05:05:54	Bright	39.500	80	7Del Sco	2.3160	30000.	79	37634	No

43	GOM_NL__2PRFIN20090512_051037_000000372079_00005_37634_4372.N1	12-MAY-2009 05:10:37	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	37634	No
44	GOM_NL__2PRFIN20090512_051616_000000442079_00005_37634_4373.N1	12-MAY-2009 05:16:16	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37634	No
45	GOM_NL__2PRFIN20090512_052251_000000432079_00005_37634_4374.N1	12-MAY-2009 05:22:51	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37634	No
46	GOM_NL__2PRFIN20090512_053350_000000382079_00005_37634_4375.N1	12-MAY-2009 05:33:50	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	37634	No
47	GOM_NL__2PRFIN20090512_054443_000000362079_00005_37634_4376.N1	12-MAY-2009 05:44:43	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37634	No
48	GOM_NL__2PRFIN20090512_055759_000000342079_00005_37634_4377.N1	12-MAY-2009 05:57:59	Twilight	34.000	93	53Bet Peg	2.5200	3100.0	68	37634	No
49	GOM_NL__2PRFIN20090512_060227_000000362079_00005_37634_4378.N1	12-MAY-2009 06:02:27	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37634	No
50	GOM_NL__2PRFIN20090512_061714_000000332079_00005_37634_4379.N1	12-MAY-2009 06:17:14	Dark	33.000	142	49Del Cap	2.8500	8900.0	66	37634	No
51	GOM_NL__2PRFIN20090512_062046_000000422079_00005_37634_4380.N1	12-MAY-2009 06:20:46	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37634	No
52	GOM_NL__2PRFIN20090512_063710_000000252079_00006_37635_4382.N1	12-MAY-2009 06:37:10	Straylight	25.000	38	20Eps Sgr	1.8360	11000.	50	37635	No
53	GOM_NL__2PRFIN20090512_063856_000000452079_00006_37635_4383.N1	12-MAY-2009 06:38:56	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37635	No
54	GOM_NL__2PRFIN20090512_064127_000000412079_00006_37635_4384.N1	12-MAY-2009 06:41:27	Straylight	41.000	75	26Eps Sco	2.2910	4250.0	82	37635	No
55	GOM_NL__2PRFIN20090512_064441_000000422079_00006_37635_4385.N1	12-MAY-2009 06:44:41	Twilight	42.000	16	21Alp Sco	1.0200	3000.0	84	37635	No
56	GOM_NL__2PRFIN20090512_064630_000000392079_00006_37635_4386.N1	12-MAY-2009 06:46:30	Bright	39.000	80	7Del Sco	2.3160	30000.	78	37635	No
57	GOM_NL__2PRFIN20090512_065113_000000372079_00006_37635_4387.N1	12-MAY-2009 06:51:13	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	37635	No
58	GOM_NL__2PRFIN20090512_065652_000000442079_00006_37635_4388.N1	12-MAY-2009 06:56:52	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37635	No
59	GOM_NL__2PRFIN20090512_070326_000000442079_00006_37635_4389.N1	12-MAY-2009 07:03:26	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37635	No
60	GOM_NL__2PRFIN20090512_071425_000000382079_00006_37635_4390.N1	12-MAY-2009 07:14:25	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37635	No
61	GOM_NL__2PRFIN20090512_072519_000000362079_00006_37635_4391.N1	12-MAY-2009 07:25:19	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37635	No
62	GOM_NL__2PRFIN20090512_073836_000000342079_00006_37635_4392.N1	12-MAY-2009 07:38:36	Twilight	34.000	93	53Bet Peg	2.5200	3100.0	68	37635	No
63	GOM_NL__2PRFIN20090512_074304_000000362079_00006_37635_4393.N1	12-MAY-2009 07:43:04	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37635	No
64	GOM_NL__2PRFIN20090512_075752_000000332079_00006_37635_4394.N1	12-MAY-2009 07:57:52	Dark	33.000	142	49Del Cap	2.8500	8900.0	66	37635	No
65	GOM_NL__2PRFIN20090512_080124_000000422079_00006_37635_4395.N1	12-MAY-2009 08:01:24	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37635	No
66	GOM_NL__2PRFIN20090512_081747_000000272079_00007_37636_4401.N1	12-MAY-2009 08:17:47	Straylight	27.000	38	20Eps Sgr	1.8360	11000.	54	37636	No
67	GOM_NL__2PRFIN20090512_081933_000000452079_00007_37636_4402.N1	12-MAY-2009 08:19:33	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37636	No
68	GOM_NL__2PRFIN20090512_082203_000000422079_00007_37636_4403.N1	12-MAY-2009 08:22:03	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37636	No
69	GOM_NL__2PRFIN20090512_082517_000000422079_00007_37636_4404.N1	12-MAY-2009 08:25:17	Twilight	42.000	16	21Alp Sco	1.0200	3000.0	84	37636	No
70	GOM_NL__2PRFIN20090512_082707_000000392079_00007_37636_4405.N1	12-MAY-2009 08:27:07	Bright	38.500	80	7Del Sco	2.3160	30000.	77	37636	No
71	GOM_NL__2PRFIN20090512_083150_000000362079_00007_37636_4406.N1	12-MAY-2009 08:31:50	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	37636	No
72	GOM_NL__2PRFIN20090512_083727_000000442079_00007_37636_4407.N1	12-MAY-2009 08:37:27	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37636	No
73	GOM_NL__2PRFIN20090512_084402_000000432079_00007_37636_4408.N1	12-MAY-2009 08:44:02	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37636	No
74	GOM_NL__2PRFIN20090512_085501_000000382079_00007_37636_4409.N1	12-MAY-2009 08:55:01	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37636	No
75	GOM_NL__2PRFIN20090512_090554_000000362079_00007_37636_4410.N1	12-MAY-2009 09:05:54	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	37636	No
76	GOM_NL__2PRFIN20090512_091912_000000352079_00007_37636_4411.N1	12-MAY-2009 09:19:12	Twilight	34.500	93	53Bet Peg	2.5200	3100.0	69	37636	No
77	GOM_NL__2PRFIN20090512_092340_000000362079_00007_37636_4412.N1	12-MAY-2009 09:23:40	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37636	No
78	GOM_NL__2PRFIN20090512_093829_000000272079_00007_37636_4413.N1	12-MAY-2009 09:38:29	Dark	27.000	142	49Del Cap	2.8500	8900.0	54	37636	No
79	GOM_NL__2PRFIN20090512_094200_000000422079_00007_37636_4414.N1	12-MAY-2009 09:42:00	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37636	No
80	GOM_NL__2PRFIN20090512_095824_000000272079_00008_37637_4422.N1	12-MAY-2009 09:58:24	Straylight	27.000	38	20Eps Sgr	1.8360	11000.	54	37637	No
81	GOM_NL__2PRFIN20090512_100009_000000452079_00008_37637_4423.N1	12-MAY-2009 10:00:09	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37637	No
82	GOM_NL__2PRFIN20090512_100240_000000412079_00008_37637_4424.N1	12-MAY-2009 10:02:40	Straylight	41.000	75	26Eps Sco	2.2910	4250.0	82	37637	No
83	GOM_NL__2PRFIN20090512_100553_000000422079_00008_37637_4425.N1	12-MAY-2009 10:05:53	Twilight	42.000	16	21Alp Sco	1.0200	3000.0	84	37637	No
84	GOM_NL__2PRFIN20090512_100743_000000392079_00008_37637_4426.N1	12-MAY-2009 10:07:43	Bright	39.000	80	7Del Sco	2.3160	30000.	78	37637	No
85	GOM_NL__2PRFIN20090512_101225_000000362079_00008_37637_4427.N1	12-MAY-2009 10:12:25	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	37637	No
86	GOM_NL__2PRFIN20090512_101803_000000442079_00008_37637_4428.N1	12-MAY-2009 10:18:03	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37637	No
87	GOM_NL__2PRFIN20090512_102437_000000662079_00008_37637_4429.N1	12-MAY-2009 10:24:37	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	37637	No
88	GOM_NL__2PRFIN20090512_103536_000000402079_00008_37637_4430.N1	12-MAY-2009 10:35:36	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37637	No
89	GOM_NL__2PRFIN20090512_104630_000000362079_00008_37637_4431.N1	12-MAY-2009 10:46:30	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	37637	No
90	GOM_NL__2PRFIN20090512_105948_000000342079_00008_37637_4432.N1	12-MAY-2009 10:59:48	Twilight	34.000	93	53Bet Peg	2.5200	3100.0	68	37637	No
91	GOM_NL__2PRFIN20090512_110417_000000362079_00008_37637_4433.N1	12-MAY-2009 11:04:17	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37637	No
92	GOM_NL__2PRFIN20090512_111907_000000272079_00008_37637_4434.N1	12-MAY-2009 11:19:07	Dark	27.000	142	49Del Cap	2.8500	8900.0	54	37637	No
93	GOM_NL__2PRFIN20090512_112237_000000422079_00008_37637_4435.N1	12-MAY-2009 11:22:37	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37637	No
94	GOM_NL__2PRFIN20090512_113901_000000282079_00009_37638_4436.N1	12-MAY-2009 11:39:01	Straylight	28.000	38	20Eps Sgr	1.8360	11000.	56	37638	No
95	GOM_NL__2PRFIN20090512_114046_000000452079_00009_37638_4437.N1	12-MAY-2009 11:40:46	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37638	No
96	GOM_NL__2PRFIN20090512_114316_000000422079_00009_37638_4438.N1	12-MAY-2009 11:43:16	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37638	No
97	GOM_NL__2PRFIN20090512_114629_000000432079_00009_37638_4439.N1	12-MAY-2009 11:46:29	Twilight	42.500	16	21Alp Sco	1.0200	3000.0	85	37638	No
98	GOM_NL__2PRFIN20090512_114819_000000392079_00009_37638_4440.N1	12-MAY-2009 11:48:19	Bright	38.500	80	7Del Sco	2.3160	30000.	77	37638	No
99	GOM_NL__2PRFIN20090512_115301_000000372079_00009_37638_4441.N1	12-MAY-2009 11:53:01	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	37638	No
100	GOM_NL__2PRFIN20090512_115524_000000292079_00009_37638_4442.N1	12-MAY-2009 11:55:24	Twilight	29.000	120	1Del Oph	2.7340	3200.0	58	37638	No
101	GOM_NL__2PRFIN20090512_115839_000000432079_00009_37638_4443.N1	12-MAY-2009 11:58:39	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37638	No

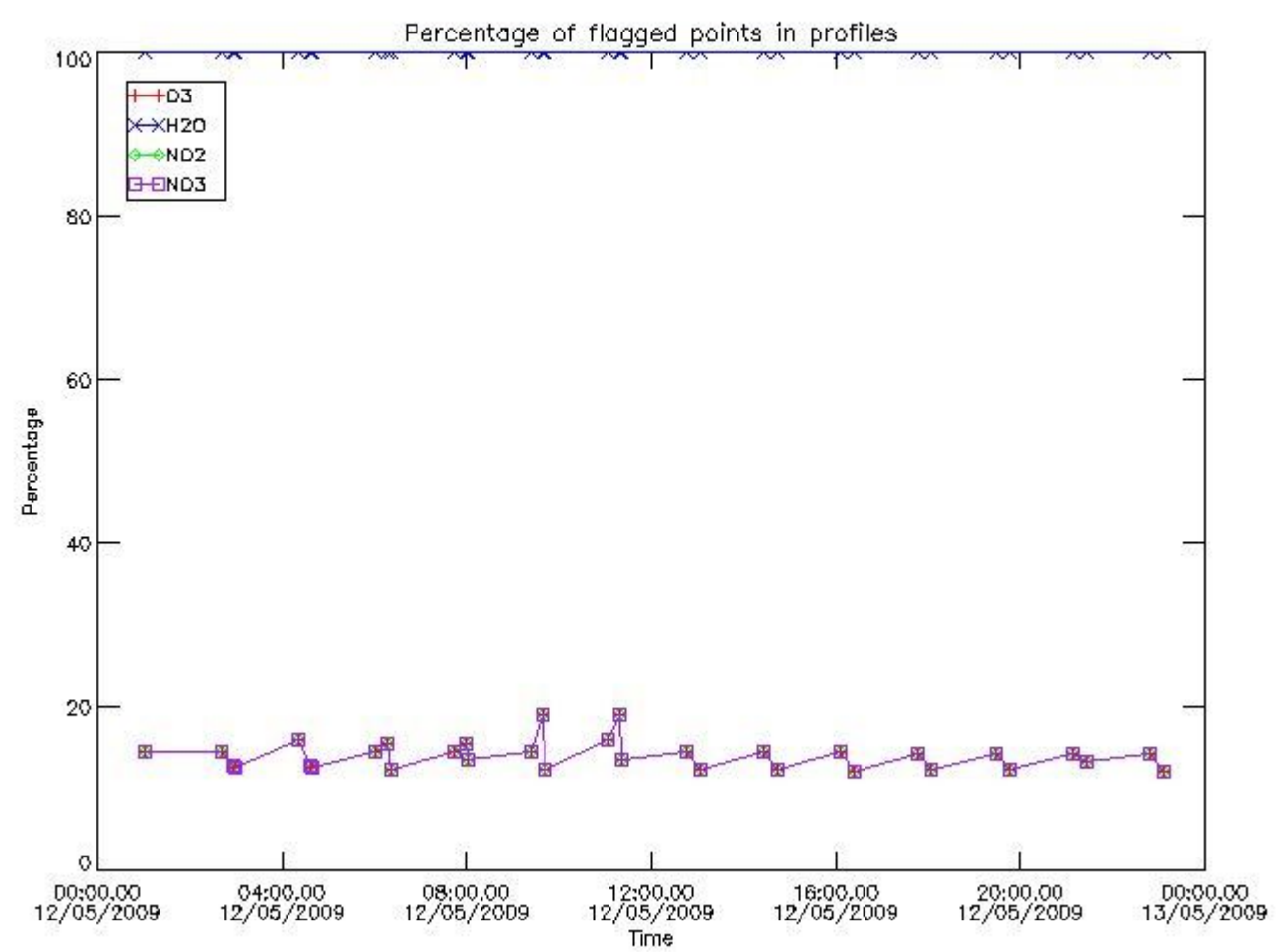
102	GOM_NL__2PRFIN20090512_120513_000000472079_00009_37638_4444.N1	12-MAY-2009 12:05:13	Bright	46.500	67	5Alp CrB	2.2210	11000.	93	37638	No
103	GOM_NL__2PRFIN20090512_121612_000000382079_00009_37638_4445.N1	12-MAY-2009 12:16:12	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37638	No
104	GOM_NL__2PRFIN20090512_122705_000000362079_00009_37638_4446.N1	12-MAY-2009 12:27:05	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	37638	No
105	GOM_NL__2PRFIN20090512_124024_000000352079_00009_37638_4447.N1	12-MAY-2009 12:40:24	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37638	No
106	GOM_NL__2PRFIN20090512_124453_000000362079_00009_37638_4448.N1	12-MAY-2009 12:44:53	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37638	No
107	GOM_NL__2PRFIN20090512_130314_000000422079_00009_37638_4449.N1	12-MAY-2009 13:03:14	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37638	No
108	GOM_NL__2PRFIN20090512_131938_000000282079_00010_37639_4450.N1	12-MAY-2009 13:19:38	Straylight	28.000	38	20Eps Sgr	1.8360	11000.	56	37639	No
109	GOM_NL__2PRFIN20090512_132122_000000452079_00010_37639_4451.N1	12-MAY-2009 13:21:22	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37639	No
110	GOM_NL__2PRFIN20090512_132352_000000422079_00010_37639_4452.N1	12-MAY-2009 13:23:52	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37639	No
111	GOM_NL__2PRFIN20090512_132706_000000432079_00010_37639_4453.N1	12-MAY-2009 13:27:06	Tw_i_and_stray	42.500	16	21Alp Sco	1.0200	3000.0	85	37639	No
112	GOM_NL__2PRFIN20090512_132855_000000392079_00010_37639_4454.N1	12-MAY-2009 13:28:55	Bright	39.000	80	7Del Sco	2.3160	30000.	78	37639	No
113	GOM_NL__2PRFIN20090512_133337_000000372079_00010_37639_4455.N1	12-MAY-2009 13:33:37	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	37639	No
114	GOM_NL__2PRFIN20090512_133600_000000292079_00010_37639_4456.N1	12-MAY-2009 13:36:00	Tw_i_and_stray	29.000	120	1Del Oph	2.7340	3200.0	58	37639	No
115	GOM_NL__2PRFIN20090512_133914_000000572079_00010_37639_4457.N1	12-MAY-2009 13:39:14	Bright	57.000	102	24Alp Ser	2.6000	4250.0	114	37639	No
116	GOM_NL__2PRFIN20090512_134548_000000432079_00010_37639_4458.N1	12-MAY-2009 13:45:48	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37639	No
117	GOM_NL__2PRFIN20090512_135647_000000392079_00010_37639_4459.N1	12-MAY-2009 13:56:47	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37639	No
118	GOM_NL__2PRFIN20090512_140741_000000362079_00010_37639_4460.N1	12-MAY-2009 14:07:41	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	37639	No
119	GOM_NL__2PRFIN20090512_142100_000000342079_00010_37639_4461.N1	12-MAY-2009 14:21:00	Tw_i_and_stray	34.000	93	53Bet Peg	2.5200	3100.0	68	37639	No
120	GOM_NL__2PRFIN20090512_142529_000000362079_00010_37639_4462.N1	12-MAY-2009 14:25:29	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37639	No
121	GOM_NL__2PRFIN20090512_144351_000000422079_00010_37639_4463.N1	12-MAY-2009 14:43:51	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37639	No
122	GOM_NL__2PRFIN20090512_150015_000000302079_00011_37640_4464.N1	12-MAY-2009 15:00:15	Straylight	30.000	38	20Eps Sgr	1.8360	11000.	60	37640	No
123	GOM_NL__2PRFIN20090512_150159_000000452079_00011_37640_4465.N1	12-MAY-2009 15:01:59	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37640	No
124	GOM_NL__2PRFIN20090512_150429_000000422079_00011_37640_4466.N1	12-MAY-2009 15:04:29	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37640	No
125	GOM_NL__2PRFIN20090512_150742_000000422079_00011_37640_4467.N1	12-MAY-2009 15:07:42	Tw_i_and_stray	42.000	16	21Alp Sco	1.0200	3000.0	84	37640	No
126	GOM_NL__2PRFIN20090512_150931_000000392079_00011_37640_4468.N1	12-MAY-2009 15:09:31	Bright	39.000	80	7Del Sco	2.3160	30000.	78	37640	No
127	GOM_NL__2PRFIN20090512_151635_000000352079_00011_37640_4469.N1	12-MAY-2009 15:16:35	Tw_i_and_stray	35.000	120	1Del Oph	2.7340	3200.0	70	37640	No
128	GOM_NL__2PRFIN20090512_151949_000000442079_00011_37640_4470.N1	12-MAY-2009 15:19:49	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37640	No
129	GOM_NL__2PRFIN20090512_152623_000000442079_00011_37640_4471.N1	12-MAY-2009 15:26:23	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37640	No
130	GOM_NL__2PRFIN20090512_153722_000000382079_00011_37640_4472.N1	12-MAY-2009 15:37:22	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37640	No
131	GOM_NL__2PRFIN20090512_154816_000000362079_00011_37640_4473.N1	12-MAY-2009 15:48:16	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37640	No
132	GOM_NL__2PRFIN20090512_160136_000000342079_00011_37640_4474.N1	12-MAY-2009 16:01:36	Tw_i_and_stray	34.000	93	53Bet Peg	2.5200	3100.0	68	37640	No
133	GOM_NL__2PRFIN20090512_160606_000000362079_00011_37640_4475.N1	12-MAY-2009 16:06:06	Dark	35.500	90	54Alp Peg	2.4870	11000.	71	37640	No
134	GOM_NL__2PRFIN20090512_162428_000000422079_00011_37640_4476.N1	12-MAY-2009 16:24:28	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37640	No
135	GOM_NL__2PRFIN20090512_164052_000000302079_00012_37641_4478.N1	12-MAY-2009 16:40:52	Straylight	30.000	38	20Eps Sgr	1.8360	11000.	60	37641	No
136	GOM_NL__2PRFIN20090512_164236_000000452079_00012_37641_4479.N1	12-MAY-2009 16:42:36	Straylight	45.000	25	35Lam Sco	1.6200	28000.	90	37641	No
137	GOM_NL__2PRFIN20090512_164505_000000412079_00012_37641_4480.N1	12-MAY-2009 16:45:05	Straylight	41.000	75	26Eps Sco	2.2910	4250.0	82	37641	No
138	GOM_NL__2PRFIN20090512_164818_000000422079_00012_37641_4481.N1	12-MAY-2009 16:48:18	Tw_i_and_stray	42.000	16	21Alp Sco	1.0200	3000.0	84	37641	No
139	GOM_NL__2PRFIN20090512_165007_000000402079_00012_37641_4482.N1	12-MAY-2009 16:50:07	Bright	39.500	80	7Del Sco	2.3160	30000.	79	37641	No
140	GOM_NL__2PRFIN20090512_165711_000000352079_00012_37641_4483.N1	12-MAY-2009 16:57:11	Tw_i_and_stray	35.000	120	1Del Oph	2.7340	3200.0	70	37641	No
141	GOM_NL__2PRFIN20090512_170025_000000442079_00012_37641_4484.N1	12-MAY-2009 17:00:25	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37641	No
142	GOM_NL__2PRFIN20090512_170659_000000442079_00012_37641_4485.N1	12-MAY-2009 17:06:59	Bright	44.000	67	5Alp CrB	2.2210	11000.	88	37641	No
143	GOM_NL__2PRFIN20090512_171758_000000392079_00012_37641_4486.N1	12-MAY-2009 17:17:58	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37641	No
144	GOM_NL__2PRFIN20090512_172852_000000362079_00012_37641_4487.N1	12-MAY-2009 17:28:52	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	37641	No
145	GOM_NL__2PRFIN20090512_174213_000000352079_00012_37641_4488.N1	12-MAY-2009 17:42:13	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37641	No
146	GOM_NL__2PRFIN20090512_174642_000000362079_00012_37641_4489.N1	12-MAY-2009 17:46:42	Dark	36.000	90	54Alp Peg	2.4870	11000.	72	37641	No
147	GOM_NL__2PRFIN20090512_180505_000000422079_00012_37641_4490.N1	12-MAY-2009 18:05:05	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37641	No
148	GOM_NL__2PRFIN20090512_182129_000000322079_00013_37642_4494.N1	12-MAY-2009 18:21:29	Straylight	32.000	38	20Eps Sgr	1.8360	11000.	64	37642	No
149	GOM_NL__2PRFIN20090512_182312_000000452079_00013_37642_4495.N1	12-MAY-2009 18:23:12	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37642	No
150	GOM_NL__2PRFIN20090512_182542_000000422079_00013_37642_4496.N1	12-MAY-2009 18:25:42	Straylight	41.500	75	26Eps Sco	2.2910	4250.0	83	37642	No
151	GOM_NL__2PRFIN20090512_182855_000000422079_00013_37642_4497.N1	12-MAY-2009 18:28:55	Tw_i_and_stray	42.000	16	21Alp Sco	1.0200	3000.0	84	37642	No
152	GOM_NL__2PRFIN20090512_183044_000000402079_00013_37642_4498.N1	12-MAY-2009 18:30:44	Bright	39.500	80	7Del Sco	2.3160	30000.	79	37642	No
153	GOM_NL__2PRFIN20090512_183747_000000422079_00013_37642_4499.N1	12-MAY-2009 18:37:47	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	37642	No
154	GOM_NL__2PRFIN20090512_184101_000000442079_00013_37642_4500.N1	12-MAY-2009 18:41:01	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37642	No
155	GOM_NL__2PRFIN20090512_184734_000000432079_00013_37642_4501.N1	12-MAY-2009 18:47:34	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37642	No
156	GOM_NL__2PRFIN20090512_185833_000000382079_00013_37642_4502.N1	12-MAY-2009 18:58:33	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37642	No
157	GOM_NL__2PRFIN20090512_190927_000000362079_00013_37642_4503.N1	12-MAY-2009 19:09:27	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37642	No
158	GOM_NL__2PRFIN20090512_192249_000000352079_00013_37642_4504.N1	12-MAY-2009 19:22:49	Tw_i_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37642	No
159	GOM_NL__2PRFIN20090512_192719_000000362079_00013_37642_4505.N1	12-MAY-2009 19:27:19	Dark	36.000	90	54Alp Peg	2.4870	11000.	72	37642	No
160	GOM_NL__2PRFIN20090512_194542_000000422079_00013_37642_4506.N1	12-MAY-2009 19:45:42	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37642	No

161	GOM_NL__2PRFIN20090512_200206_000000322079_00014_37643_4529.N1	12-MAY-2009 20:02:06	Straylight	32.000	38	20Eps Sgr	1.8360	11000.	64	37643	No
162	GOM_NL__2PRFIN20090512_200349_000000452079_00014_37643_4530.N1	12-MAY-2009 20:03:49	Straylight	44.500	25	35Lam Sco	1.6200	28000.	89	37643	No
163	GOM_NL__2PRFIN20090512_200618_000000412079_00014_37643_4531.N1	12-MAY-2009 20:06:18	Straylight	41.000	75	26Eps Sco	2.2910	4250.0	82	37643	No
164	GOM_NL__2PRFIN20090512_200931_000000432079_00014_37643_4532.N1	12-MAY-2009 20:09:31	Twilight_and_stray	42.500	16	21Alp Sco	1.0200	3000.0	85	37643	No
165	GOM_NL__2PRFIN20090512_201120_000000402079_00014_37643_4533.N1	12-MAY-2009 20:11:20	Bright	39.500	80	7Del Sco	2.3160	30000.	79	37643	No
166	GOM_NL__2PRFIN20090512_201823_000000422079_00014_37643_4534.N1	12-MAY-2009 20:18:23	Bright	42.000	120	1Del Oph	2.7340	3200.0	84	37643	No
167	GOM_NL__2PRFIN20090512_202137_000000442079_00014_37643_4535.N1	12-MAY-2009 20:21:37	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37643	No
168	GOM_NL__2PRFIN20090512_202809_000000432079_00014_37643_4536.N1	12-MAY-2009 20:28:09	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37643	No
169	GOM_NL__2PRFIN20090512_203909_000000382079_00014_37643_4537.N1	12-MAY-2009 20:39:09	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	37643	No
170	GOM_NL__2PRFIN20090512_205003_000000362079_00014_37643_4538.N1	12-MAY-2009 20:50:03	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	37643	No
171	GOM_NL__2PRFIN20090512_210325_000000352079_00014_37643_4539.N1	12-MAY-2009 21:03:25	Twilight_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37643	No
172	GOM_NL__2PRFIN20090512_210755_000000362079_00014_37643_4540.N1	12-MAY-2009 21:07:55	Dark	36.000	90	54Alp Peg	2.4870	11000.	72	37643	No
173	GOM_NL__2PRFIN20090512_212618_000000422079_00014_37643_4541.N1	12-MAY-2009 21:26:18	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37643	No
174	GOM_NL__2PRFIN20090512_214242_000000332079_00015_37644_4548.N1	12-MAY-2009 21:42:42	Straylight	33.000	38	20Eps Sgr	1.8360	11000.	66	37644	No
175	GOM_NL__2PRFIN20090512_214426_000000442079_00015_37644_4549.N1	12-MAY-2009 21:44:26	Straylight	43.500	25	35Lam Sco	1.6200	28000.	87	37644	No
176	GOM_NL__2PRFIN20090512_214655_000000412079_00015_37644_4550.N1	12-MAY-2009 21:46:55	Straylight	40.500	75	26Eps Sco	2.2910	4250.0	81	37644	No
177	GOM_NL__2PRFIN20090512_215008_000000422079_00015_37644_4551.N1	12-MAY-2009 21:50:08	Twilight_and_stray	41.500	16	21Alp Sco	1.0200	3000.0	83	37644	No
178	GOM_NL__2PRFIN20090512_215156_000000392079_00015_37644_4552.N1	12-MAY-2009 21:51:56	Bright	39.000	80	7Del Sco	2.3160	30000.	78	37644	No
179	GOM_NL__2PRFIN20090512_215859_000000472079_00015_37644_4553.N1	12-MAY-2009 21:58:59	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	37644	No
180	GOM_NL__2PRFIN20090512_220213_000000432079_00015_37644_4554.N1	12-MAY-2009 22:02:13	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37644	No
181	GOM_NL__2PRFIN20090512_220844_000000432079_00015_37644_4555.N1	12-MAY-2009 22:08:44	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37644	No
182	GOM_NL__2PRFIN20090512_221944_000000392079_00015_37644_4556.N1	12-MAY-2009 22:19:44	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37644	No
183	GOM_NL__2PRFIN20090512_223038_000000362079_00015_37644_4557.N1	12-MAY-2009 22:30:38	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37644	No
184	GOM_NL__2PRFIN20090512_224401_000000352079_00015_37644_4558.N1	12-MAY-2009 22:44:01	Twilight_and_stray	34.500	93	53Bet Peg	2.5200	3100.0	69	37644	No
185	GOM_NL__2PRFIN20090512_224831_000000362079_00015_37644_4559.N1	12-MAY-2009 22:48:31	Dark	36.000	90	54Alp Peg	2.4870	11000.	72	37644	No
186	GOM_NL__2PRFIN20090512_230656_000000422079_00015_37644_4560.N1	12-MAY-2009 23:06:56	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37644	No
187	GOM_NL__2PRFIN20090512_232320_000000332079_00016_37645_4564.N1	12-MAY-2009 23:23:20	Straylight	33.000	38	20Eps Sgr	1.8360	11000.	66	37645	No
188	GOM_NL__2PRFIN20090512_232502_000000442079_00016_37645_4565.N1	12-MAY-2009 23:25:02	Straylight	44.000	25	35Lam Sco	1.6200	28000.	88	37645	No
189	GOM_NL__2PRFIN20090512_232731_000000412079_00016_37645_4566.N1	12-MAY-2009 23:27:31	Straylight	41.000	75	26Eps Sco	2.2910	4250.0	82	37645	No
190	GOM_NL__2PRFIN20090512_233043_000000422079_00016_37645_4567.N1	12-MAY-2009 23:30:43	Twilight_and_stray	42.000	16	21Alp Sco	1.0200	3000.0	84	37645	No
191	GOM_NL__2PRFIN20090512_233232_000000392079_00016_37645_4568.N1	12-MAY-2009 23:32:32	Bright	39.000	80	7Del Sco	2.3160	30000.	78	37645	No
192	GOM_NL__2PRFIN20090512_233933_000000482079_00016_37645_4569.N1	12-MAY-2009 23:39:33	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37645	No
193	GOM_NL__2PRFIN20090512_234247_000000432079_00016_37645_4570.N1	12-MAY-2009 23:42:47	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37645	No
194	GOM_NL__2PRFIN20090512_234920_000000662079_00016_37645_4571.N1	12-MAY-2009 23:49:20	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	37645	No

3. Quality information per product

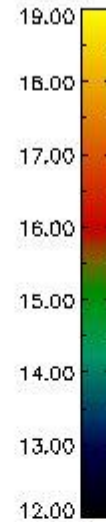
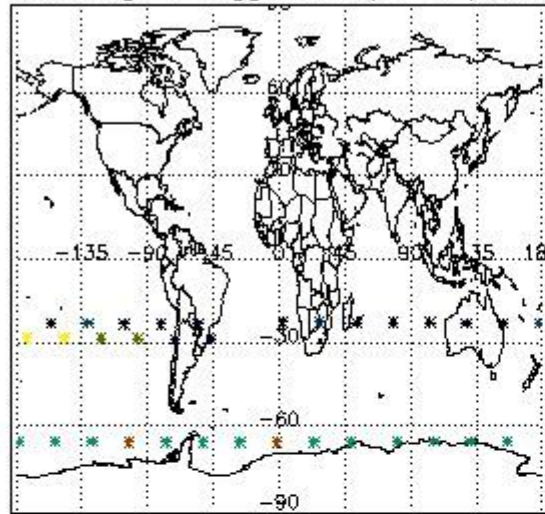
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

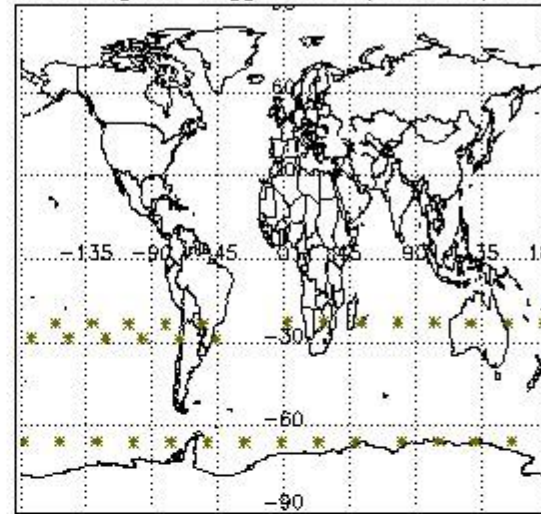


3.2 Plot quality information per product (world map)

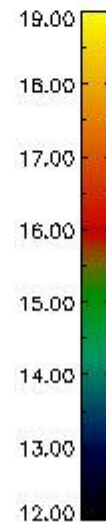
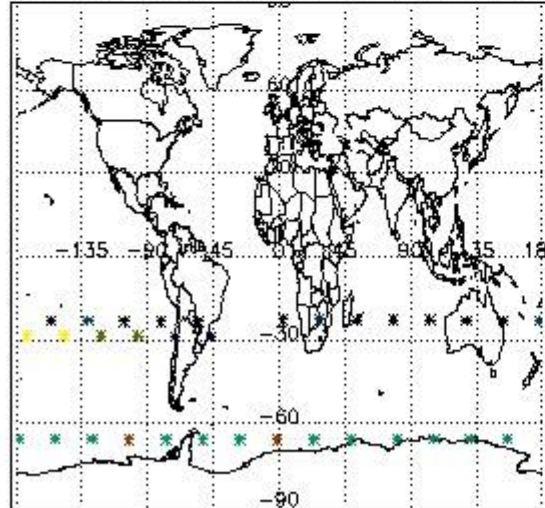
Percentage of flagged data per O3 profile



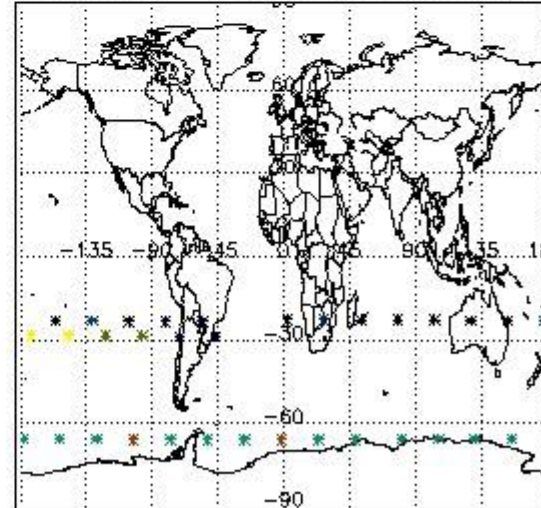
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

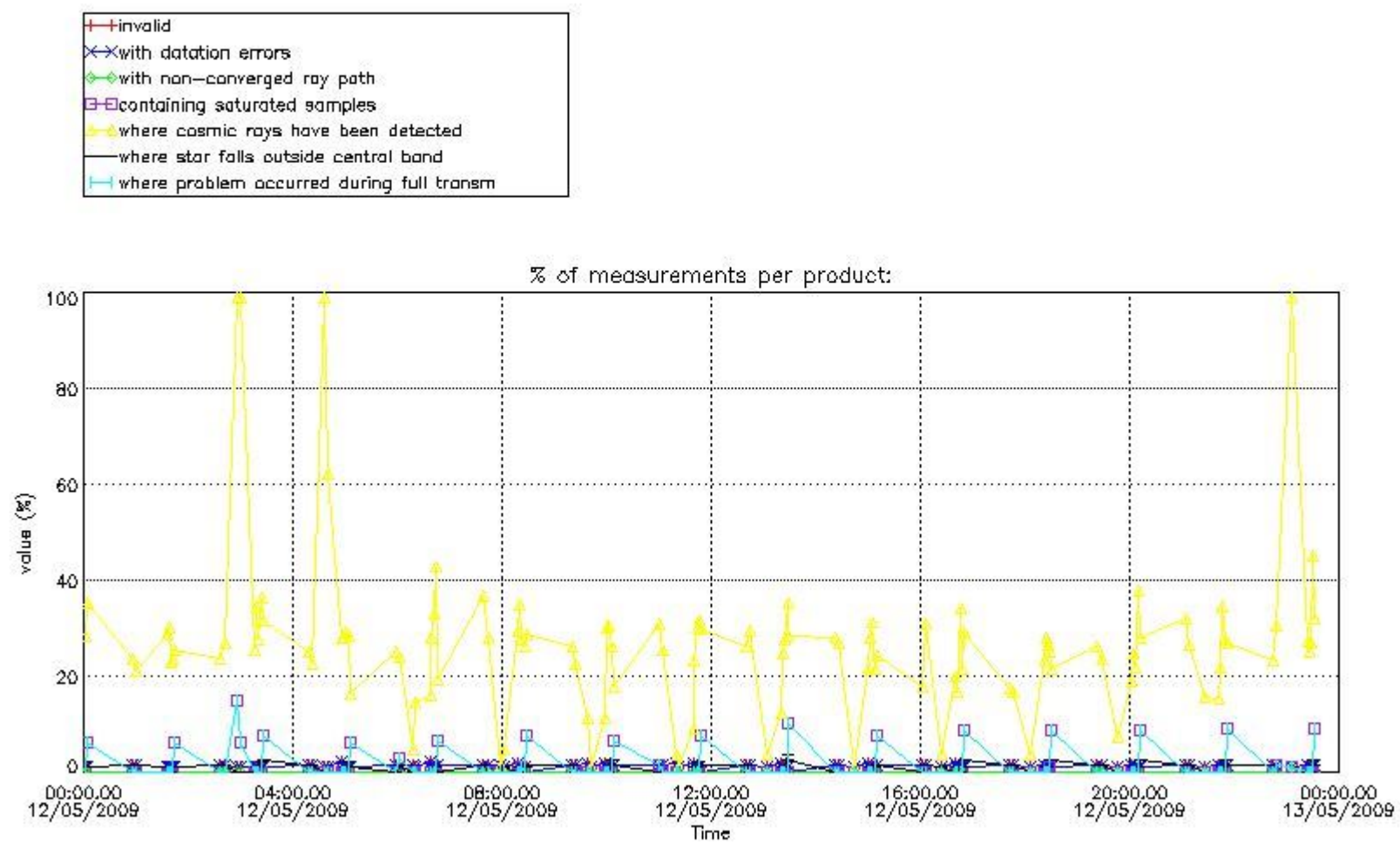


4. Level 1 quality information per product

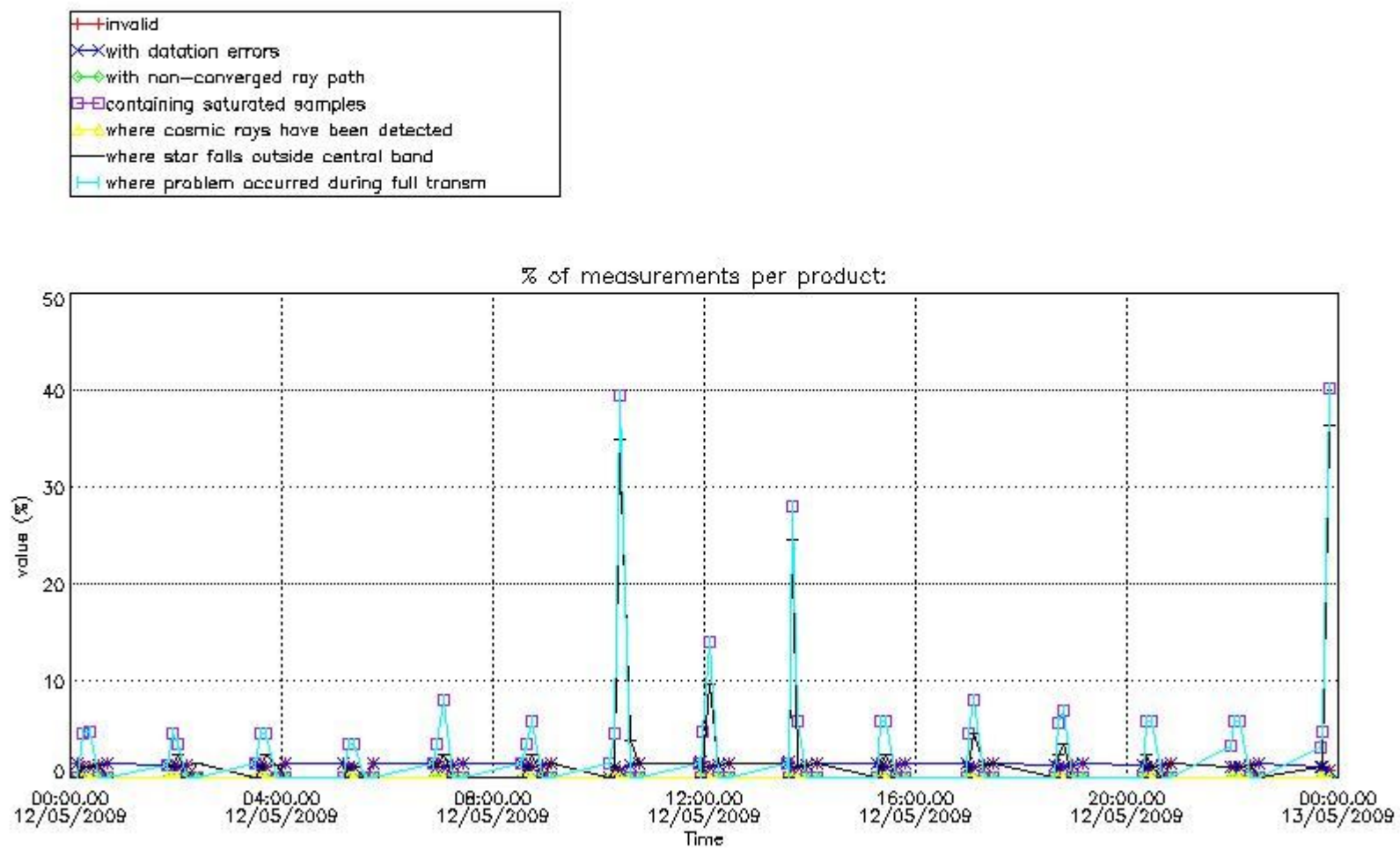
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

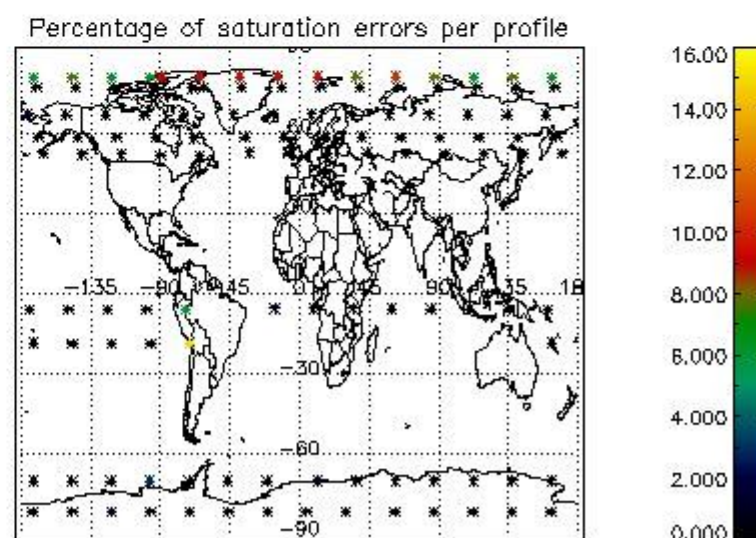
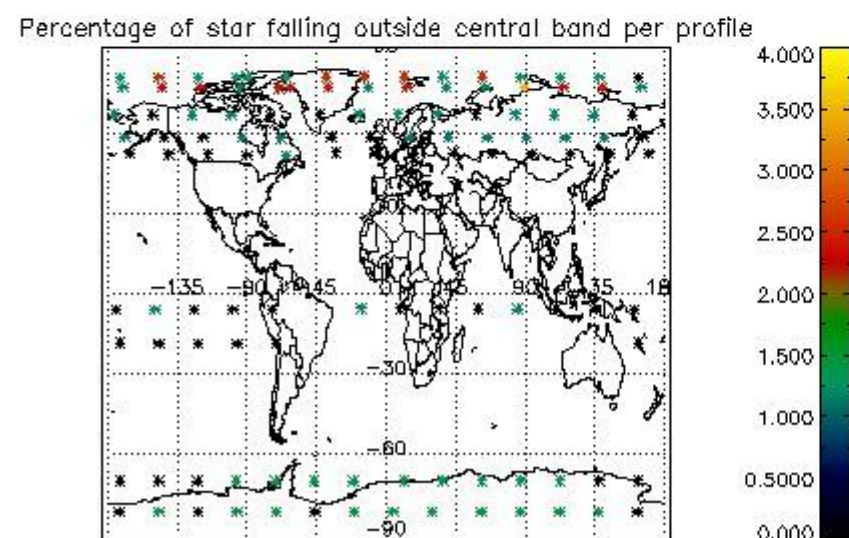
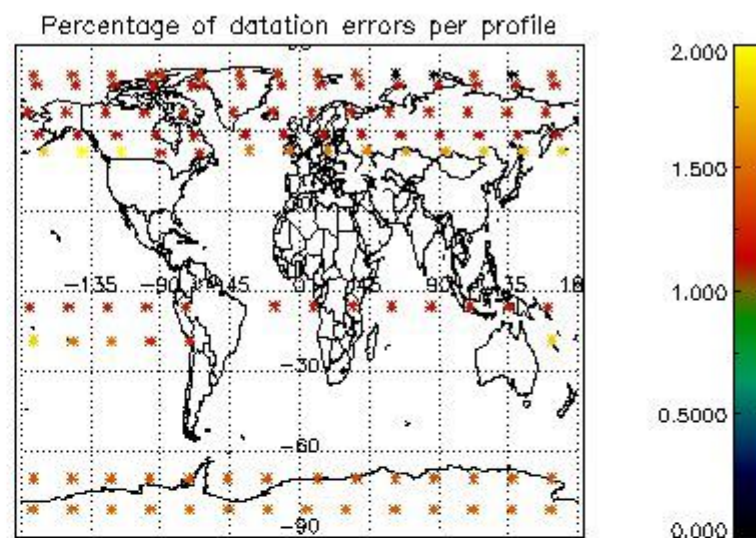
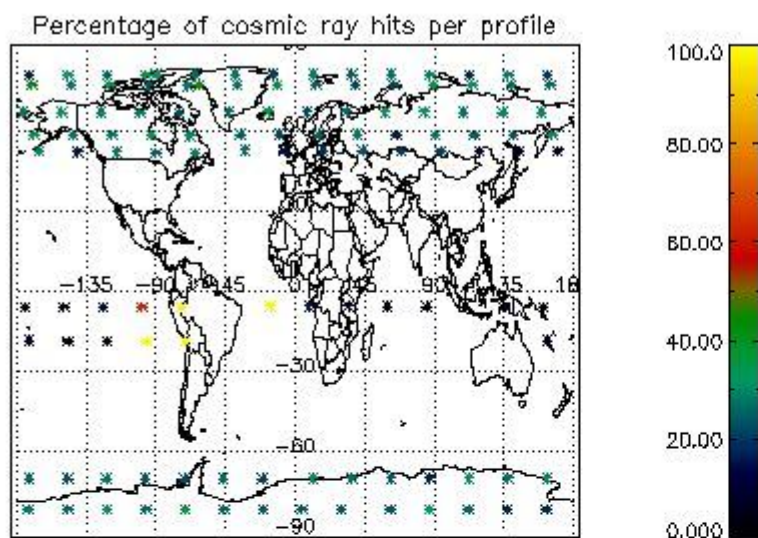


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



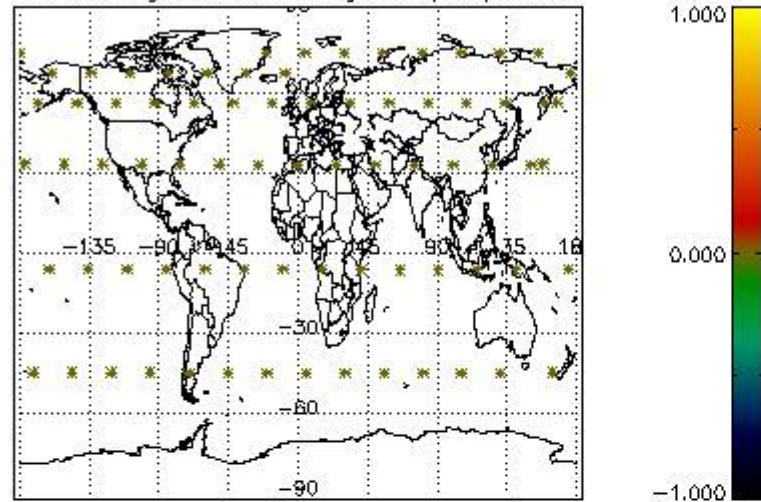
4.2 Plot quality information per product coming from level 1b processing (world map)

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

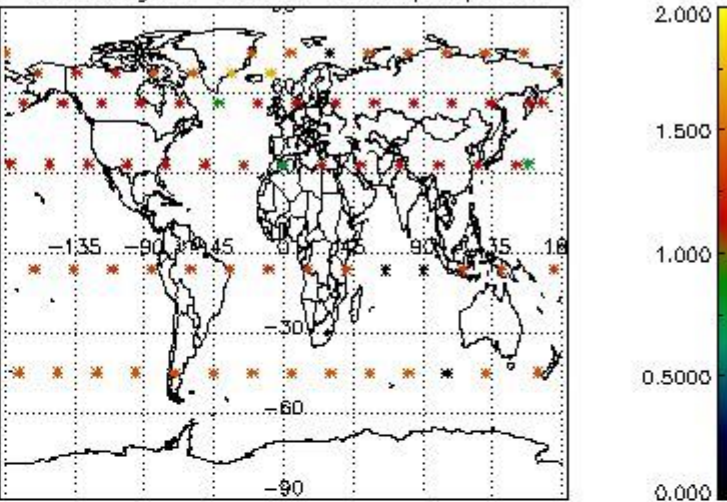


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

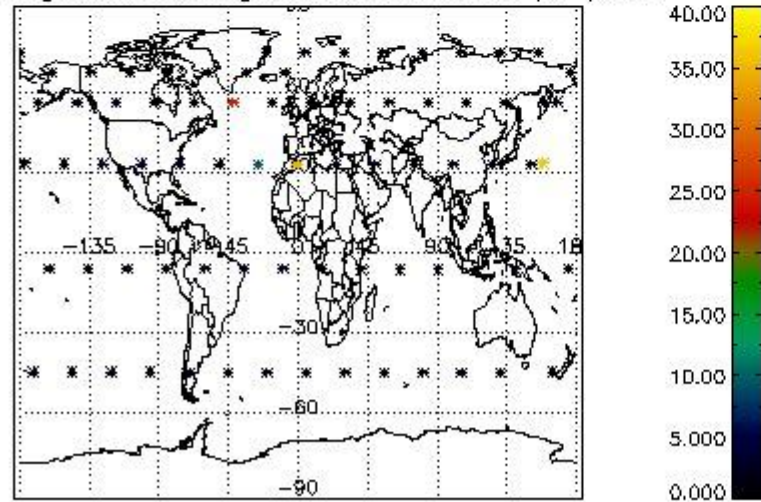
Percentage of cosmic ray hits per profile



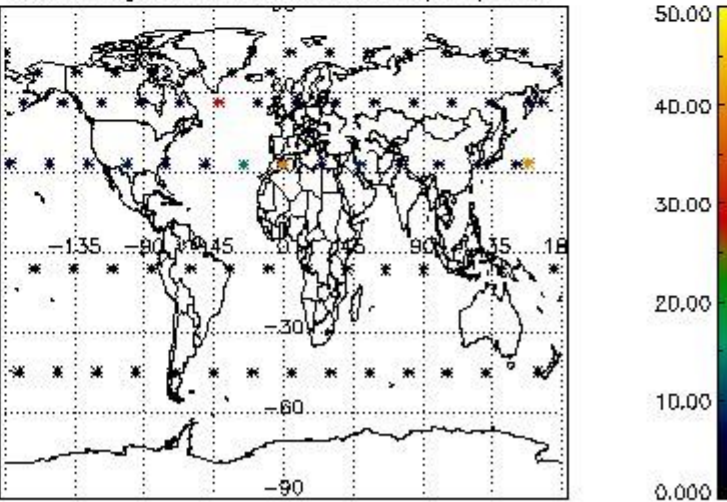
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

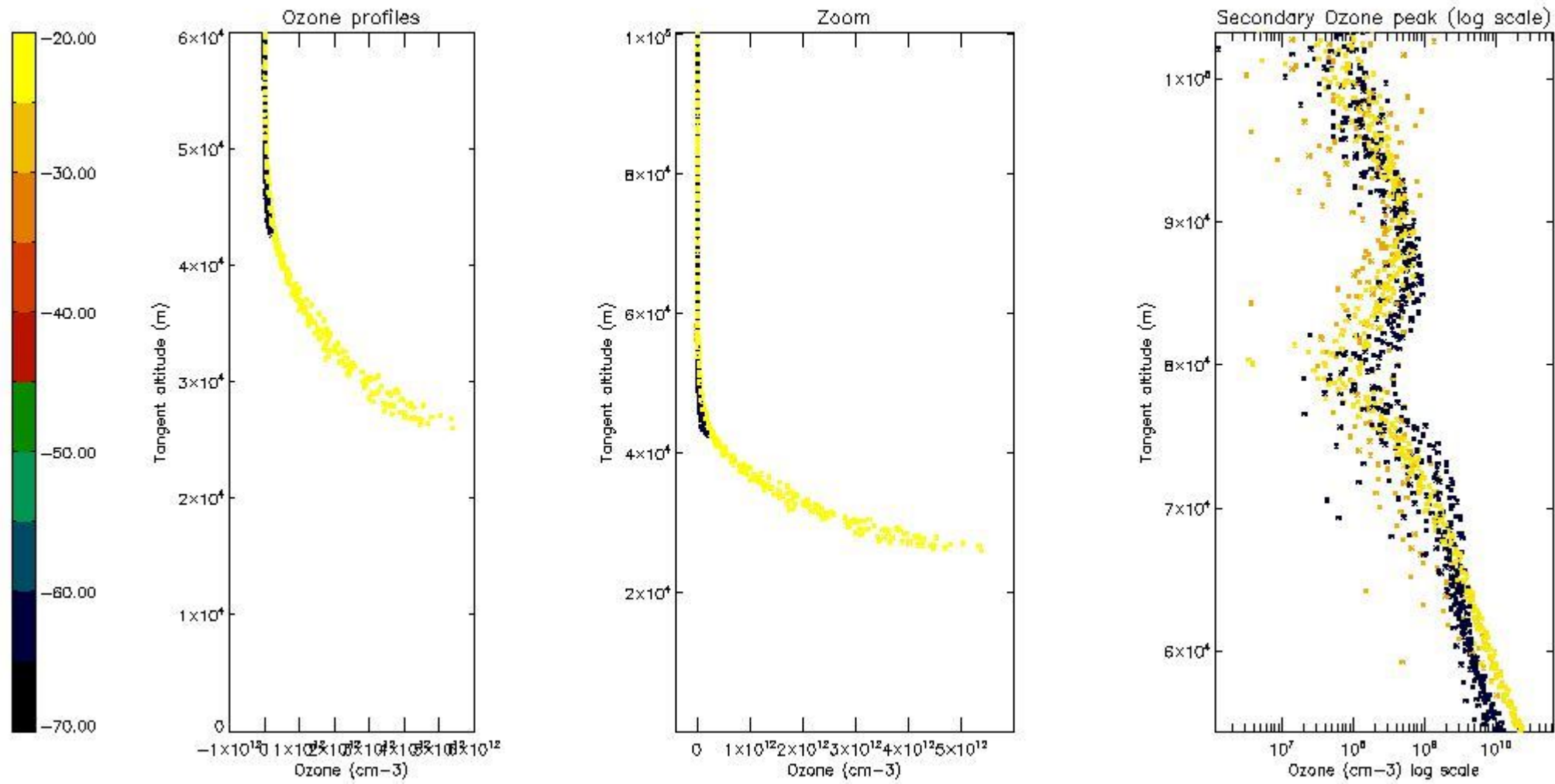
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	16
STD < 20	7

STD < 10	5
STD < 5	1

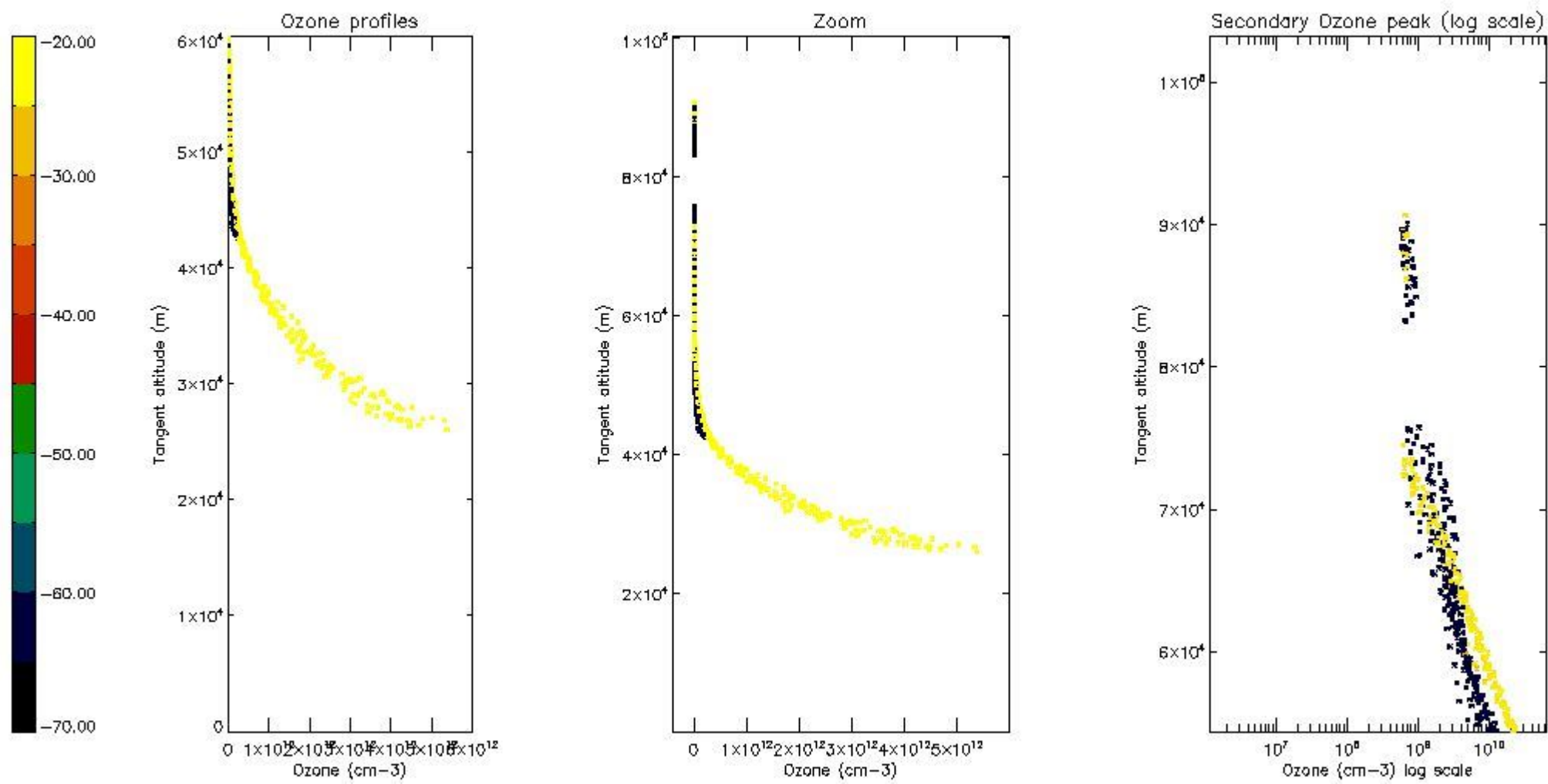
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



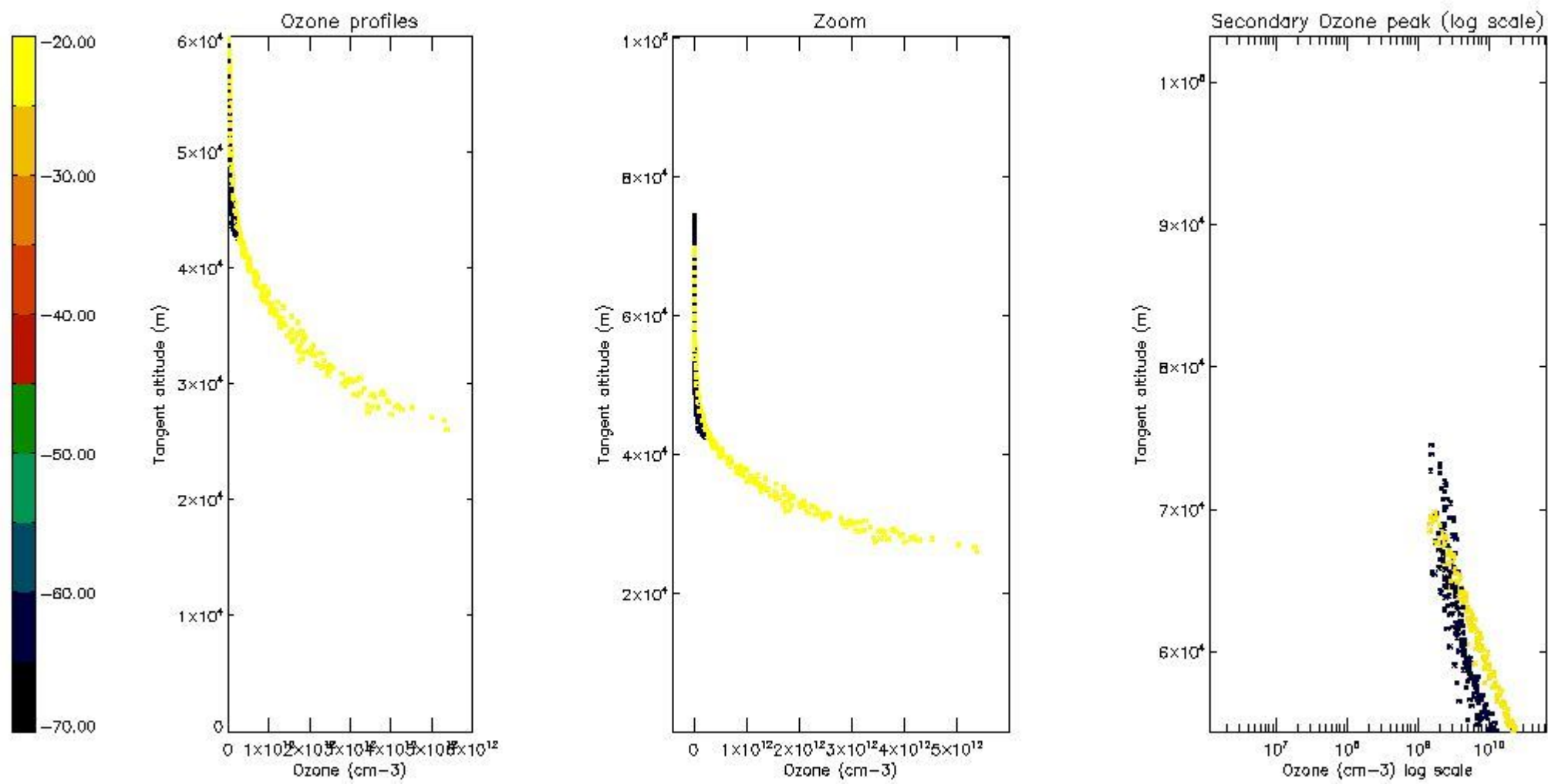
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



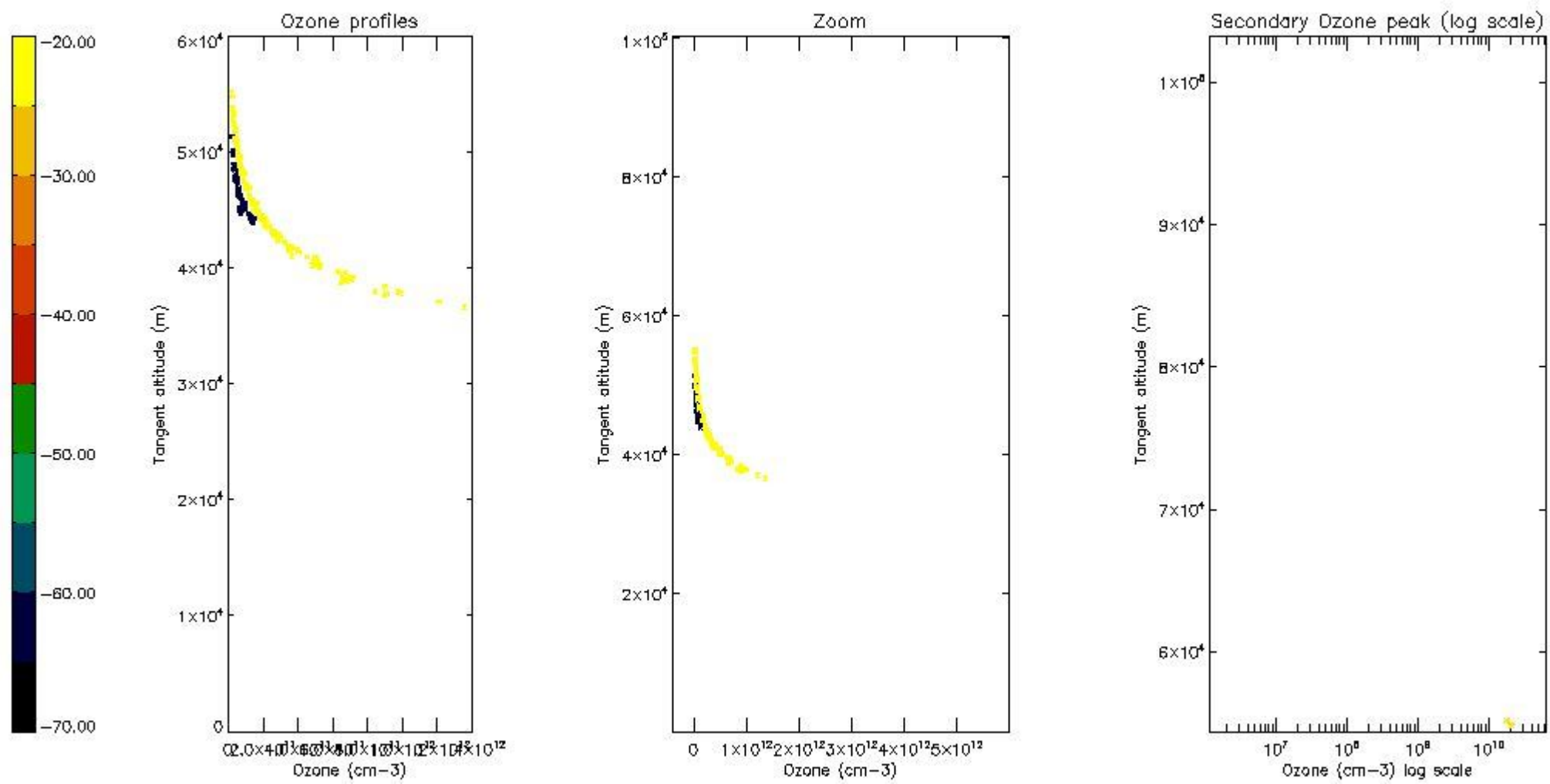
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



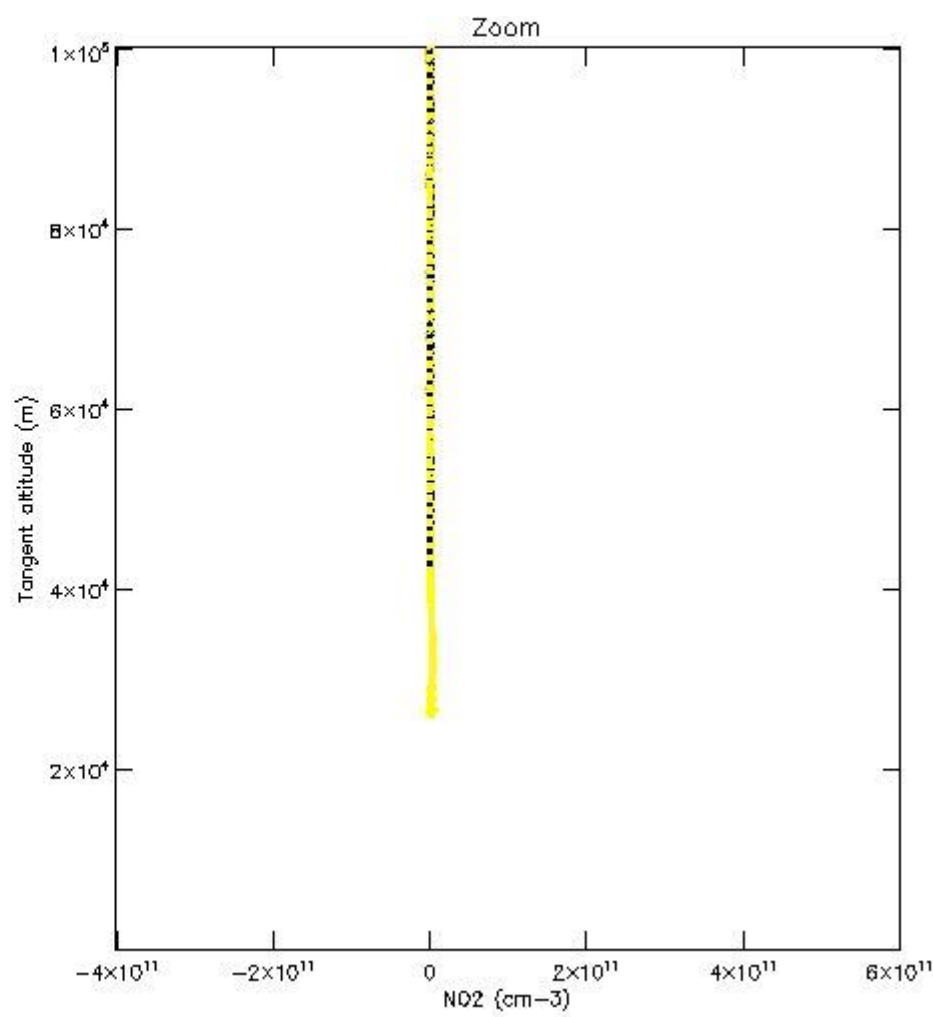
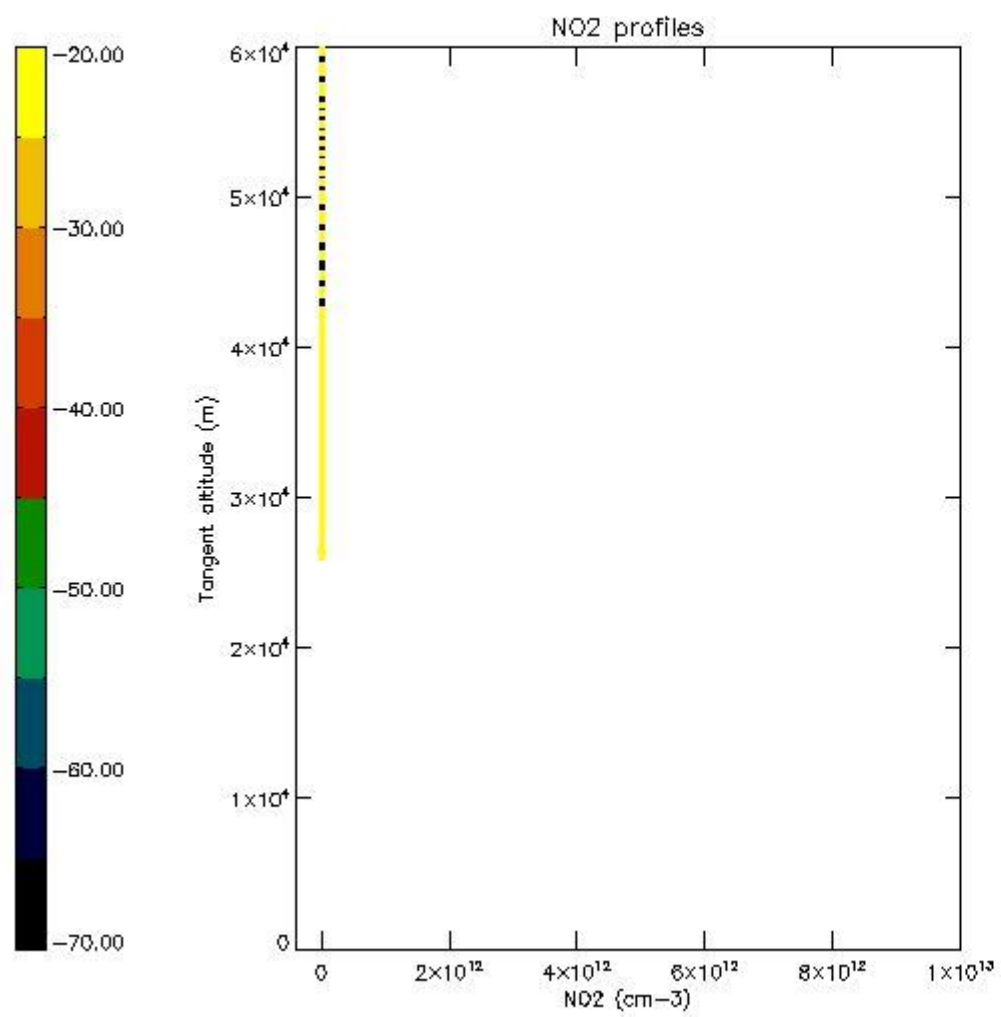
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



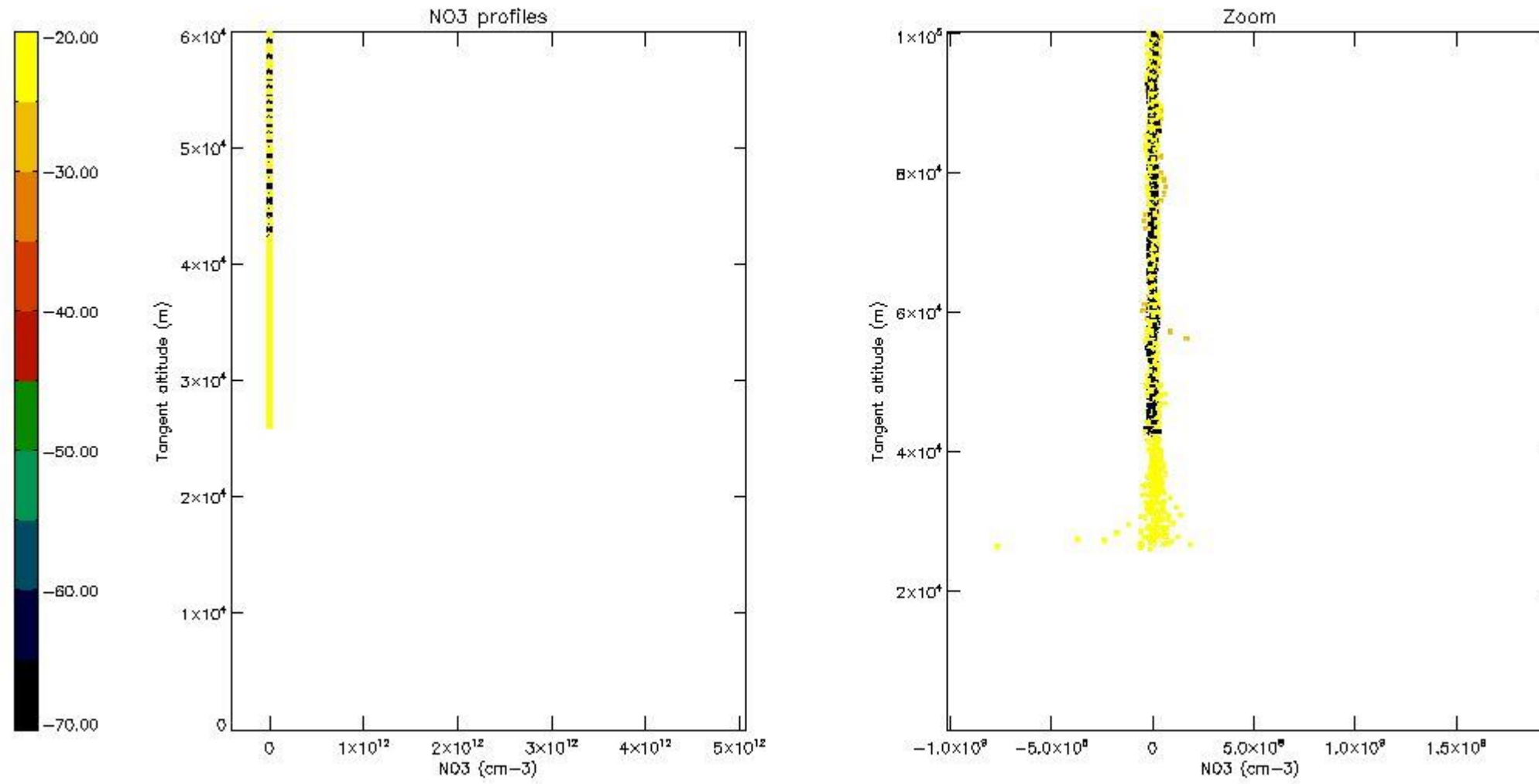
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

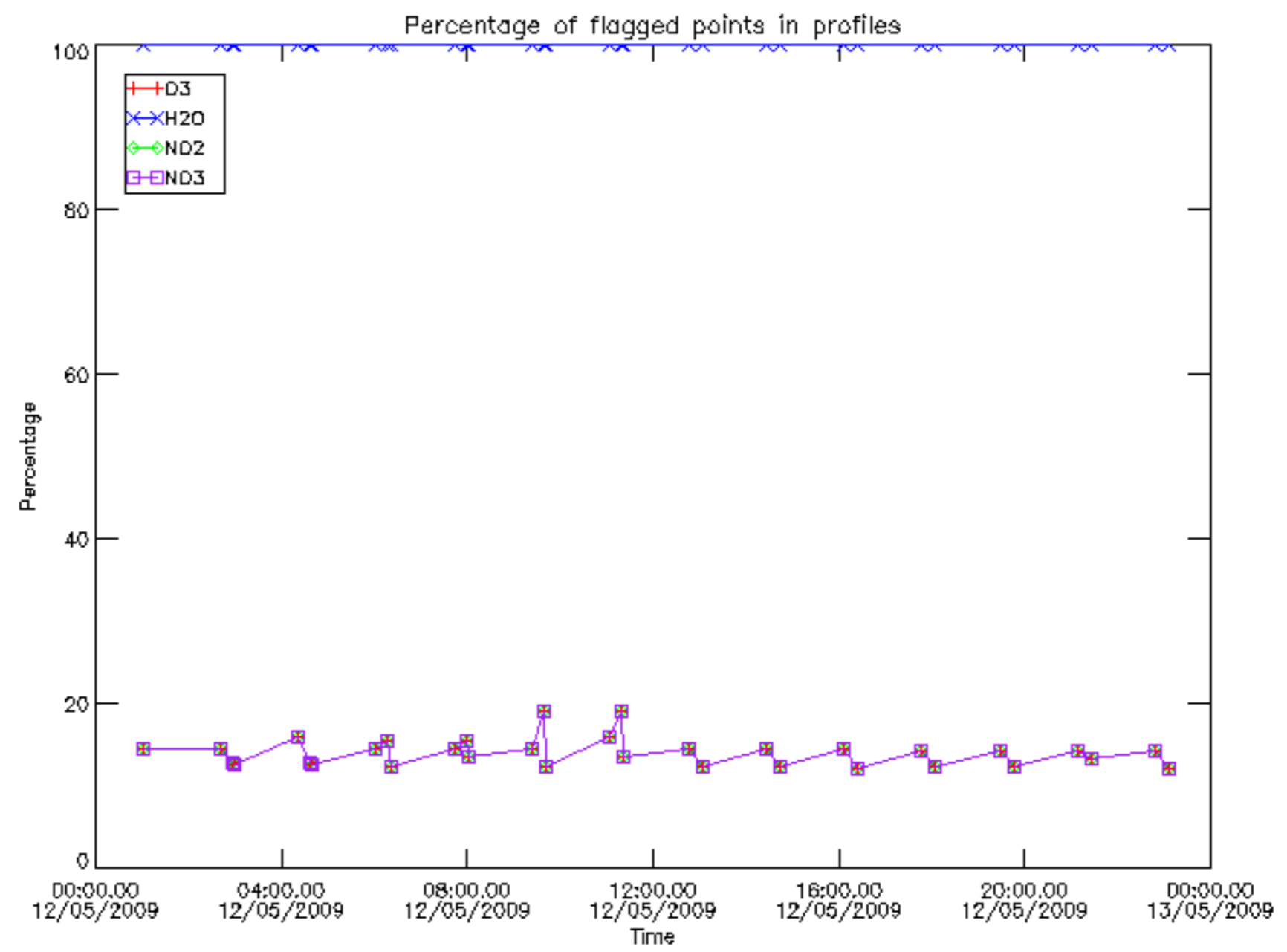
The colorbar represents the latitude.



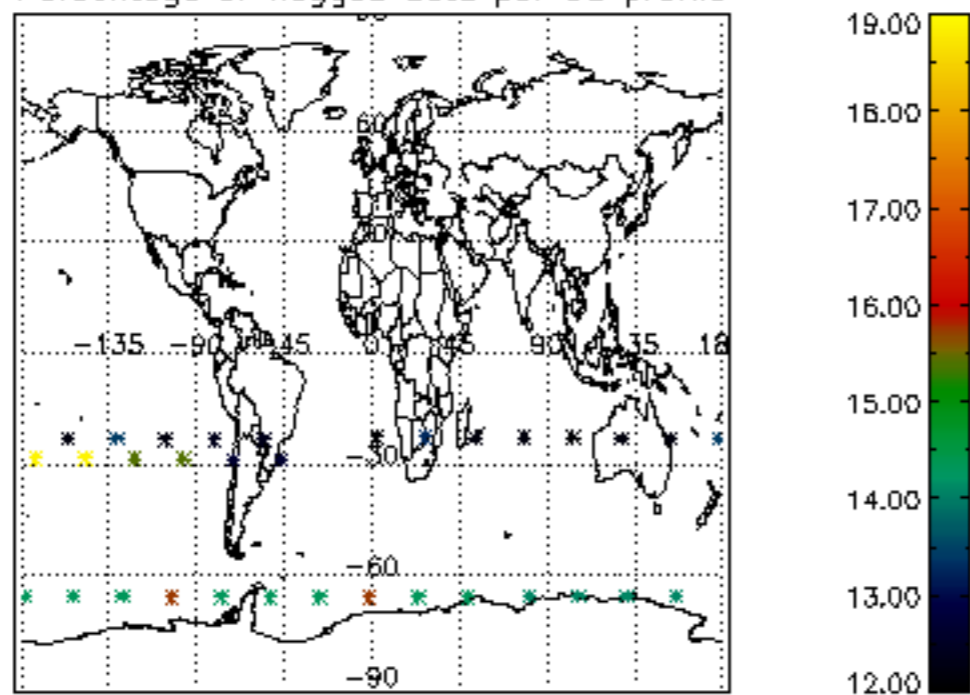
6. Auxiliary Data Files used for the production reported in section 2

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.

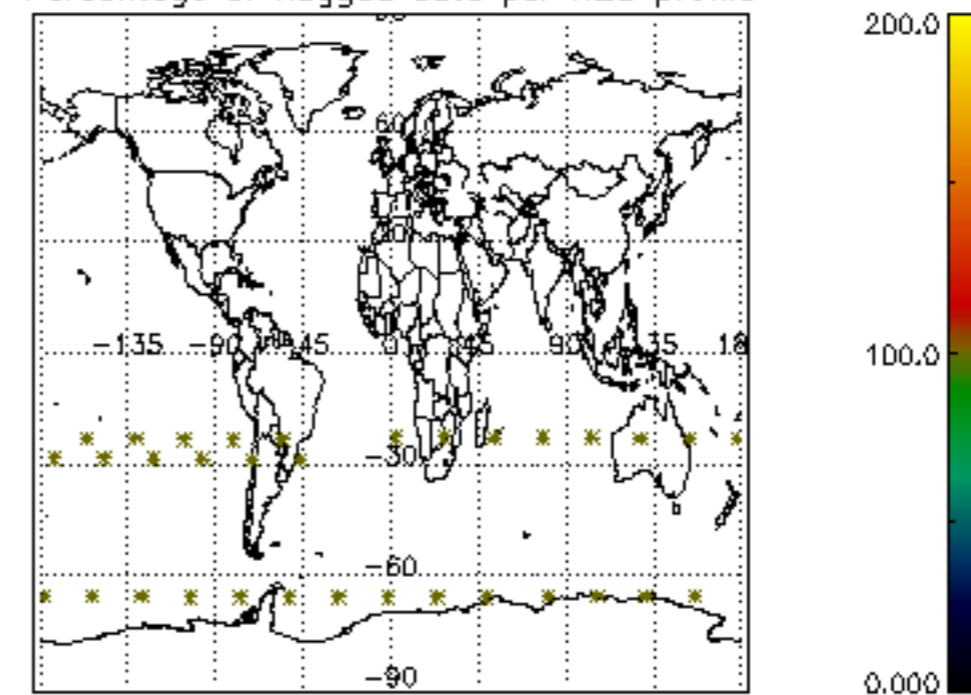
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-MAY-2009 00:02:16
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-MAY-2009 00:02:16
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-MAY-2009 00:02:16



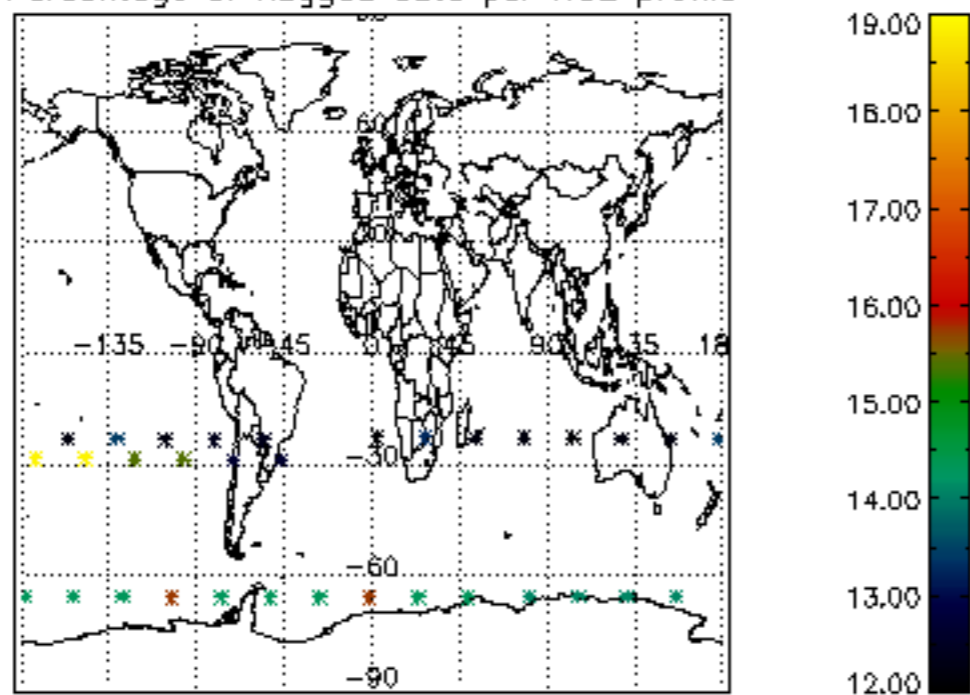
Percentage of flagged data per D3 profile



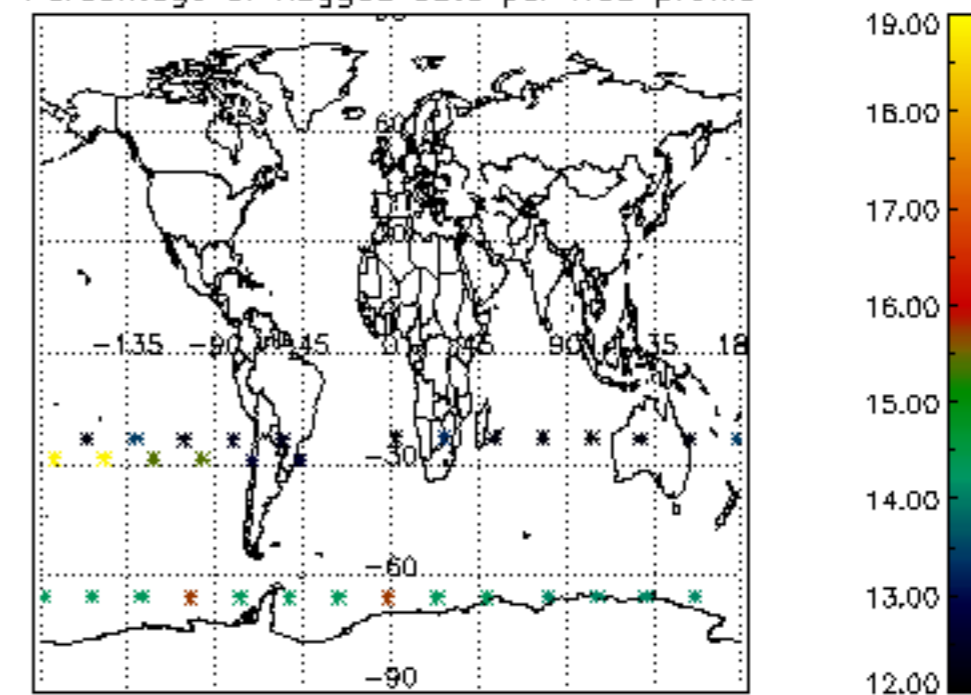
Percentage of flagged data per H2O profile

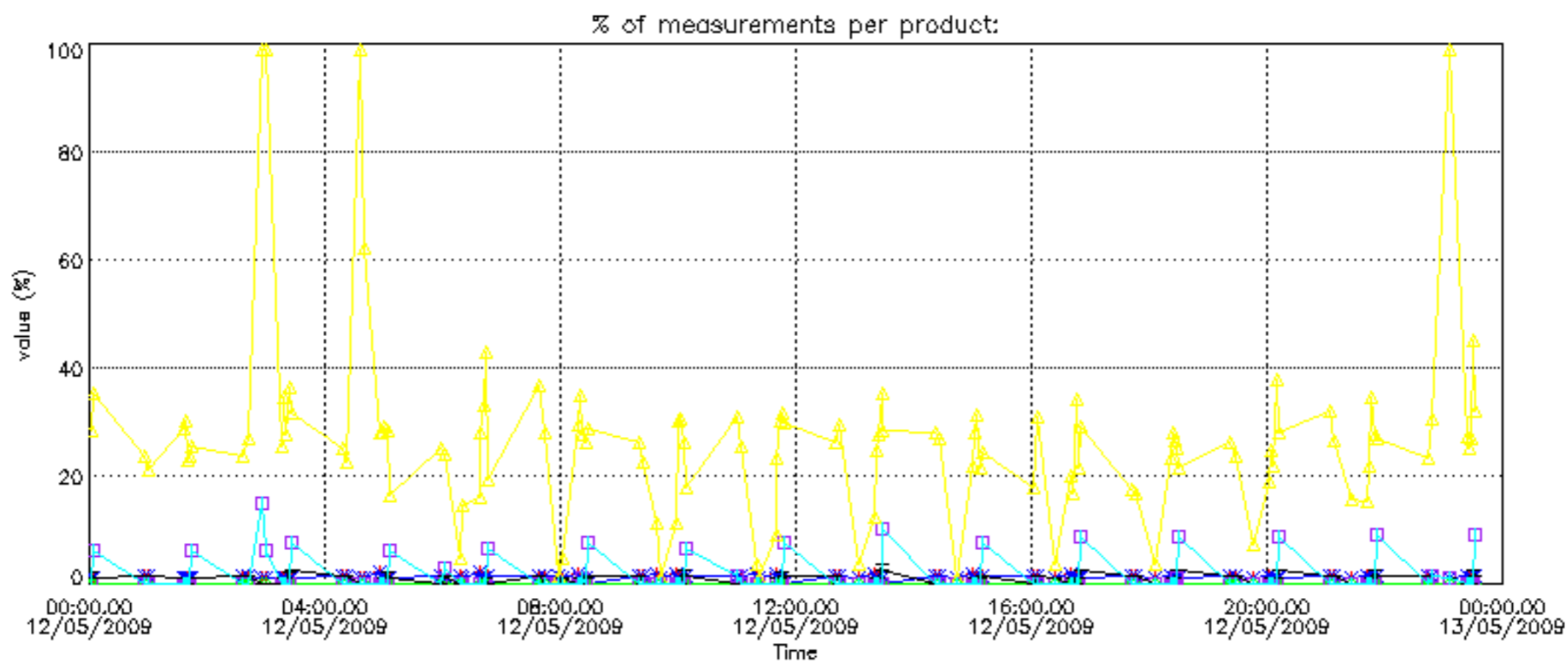


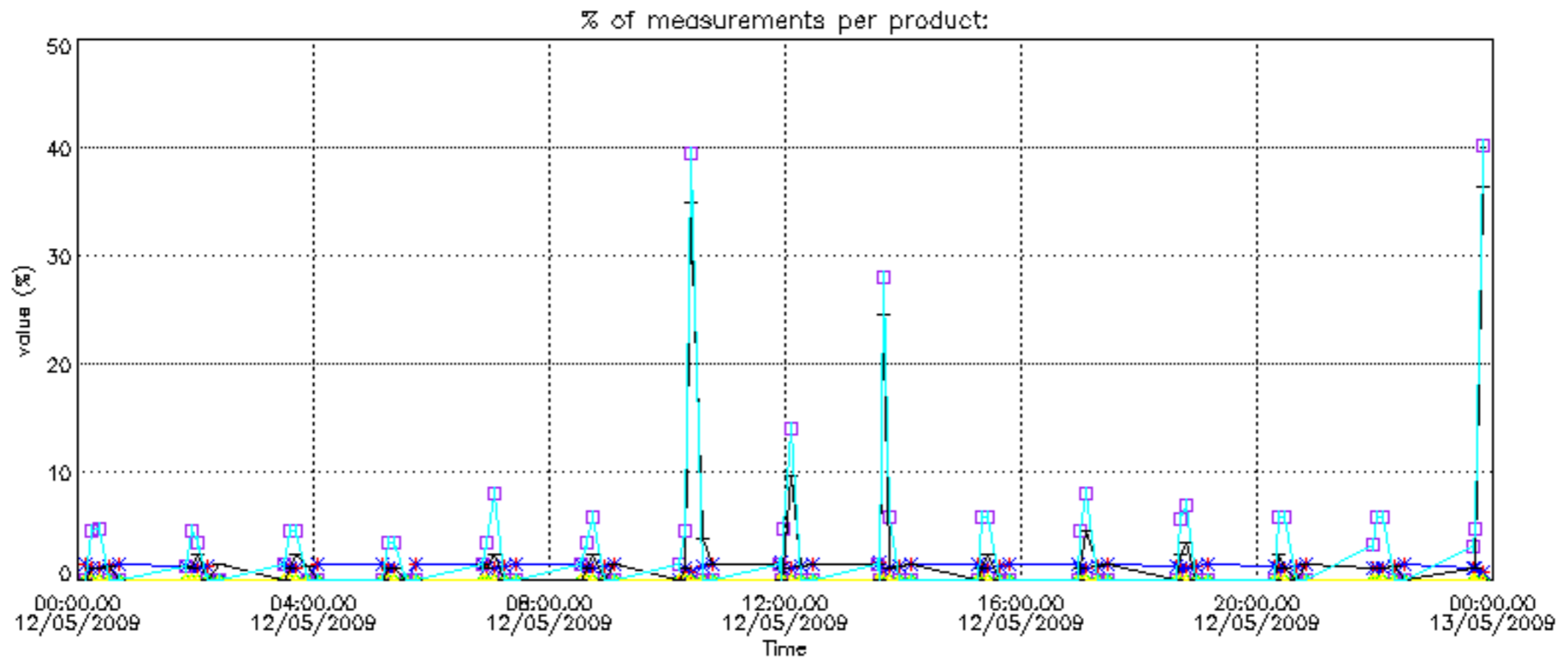
Percentage of flagged data per NO2 profile



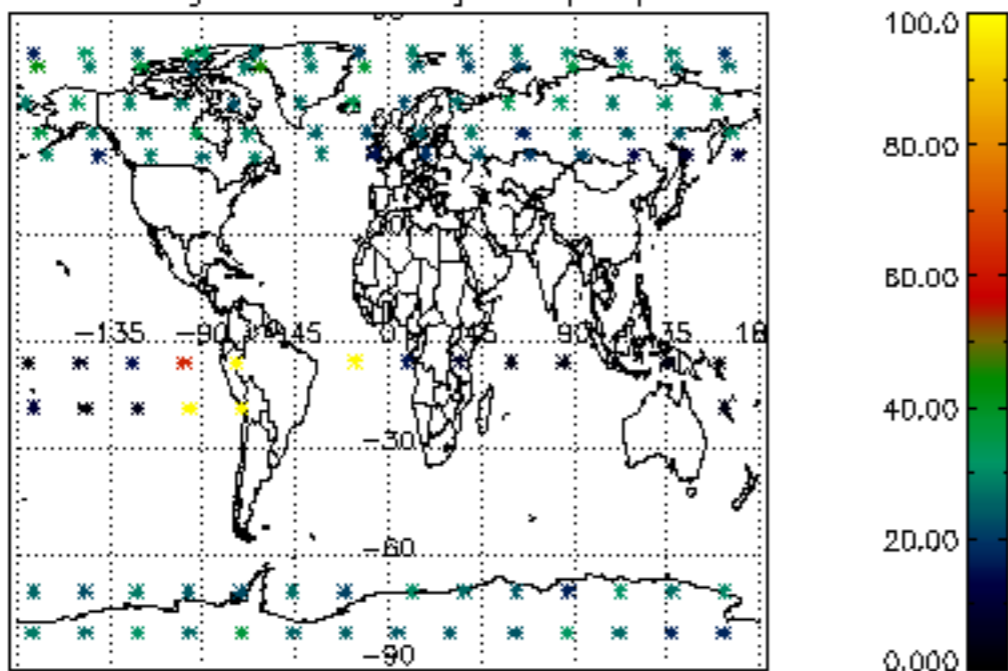
Percentage of flagged data per NO3 profile



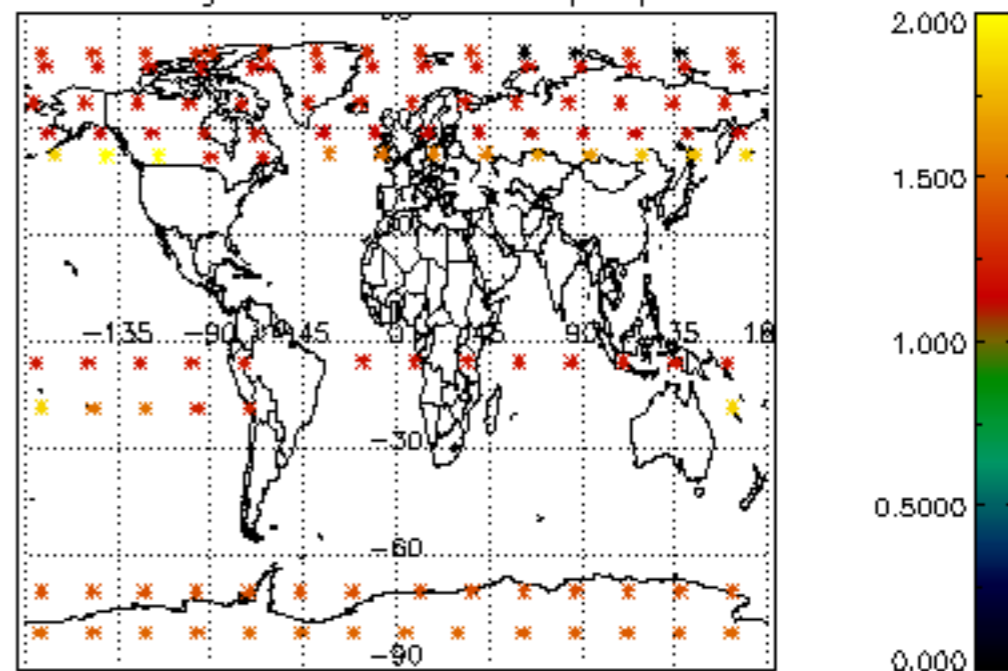




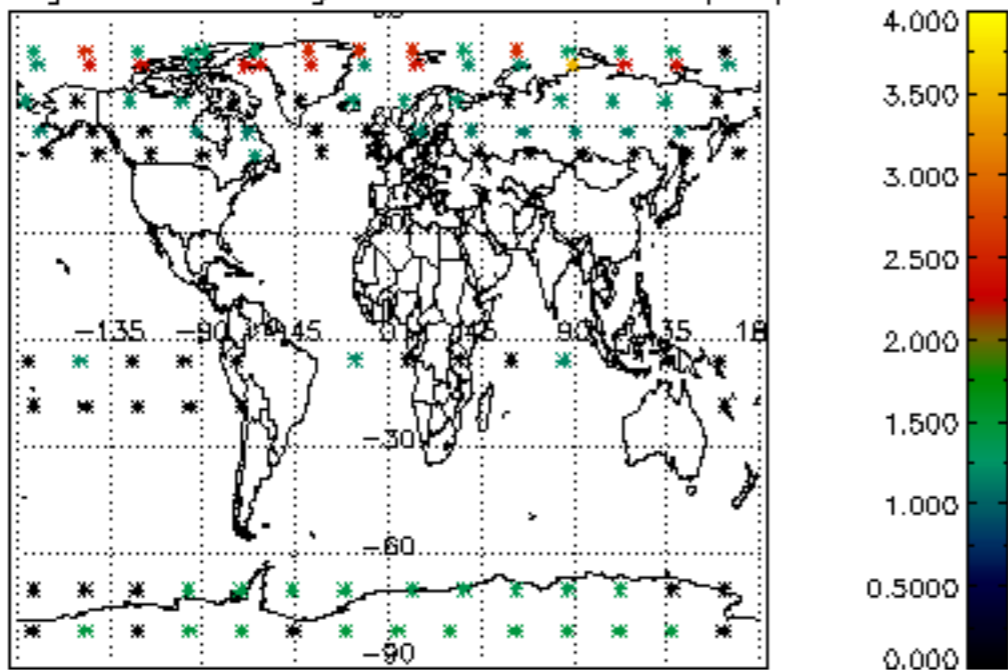
Percentage of cosmic ray hits per profile



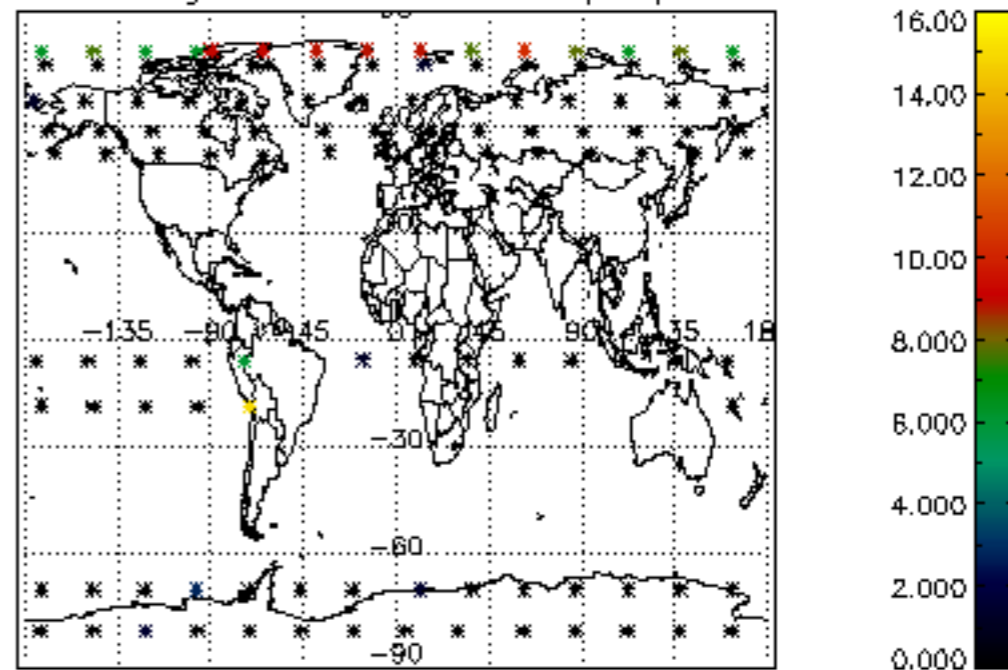
Percentage of datation errors per profile



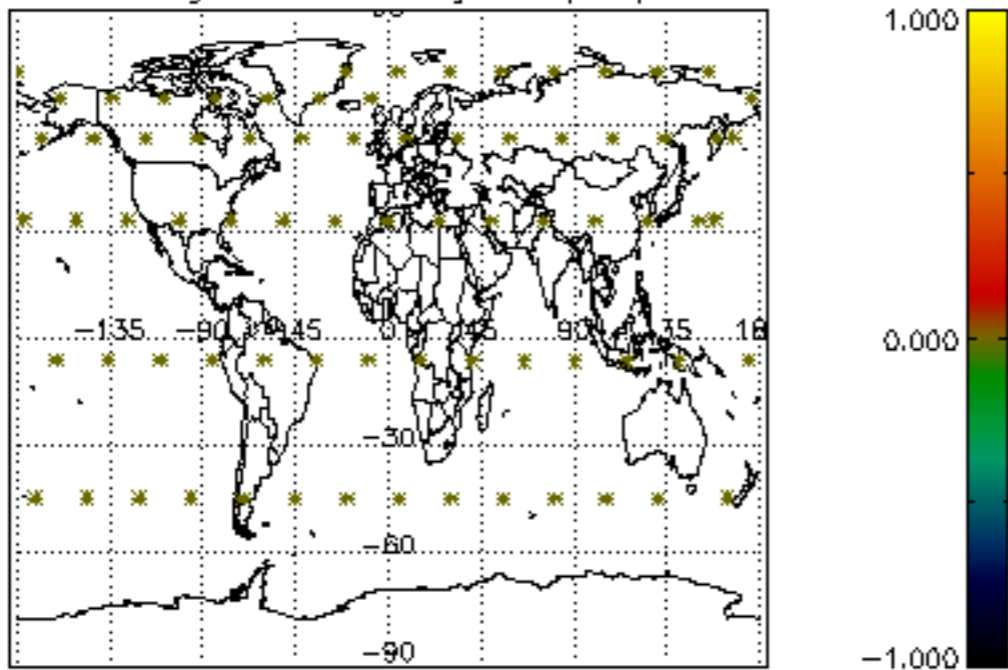
Percentage of star falling outside central band per profile



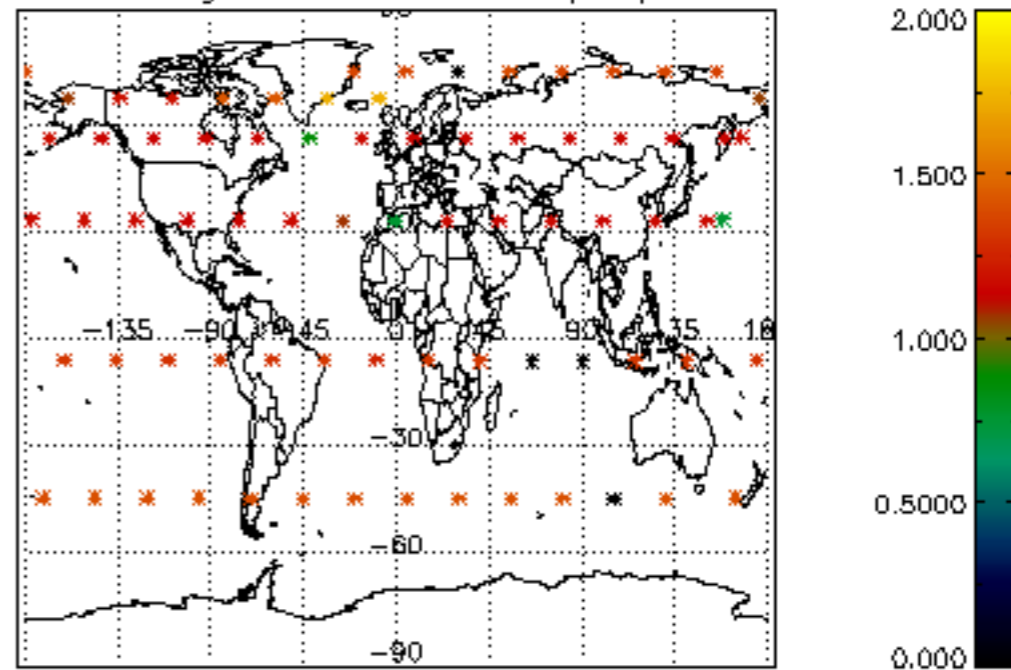
Percentage of saturation errors per profile



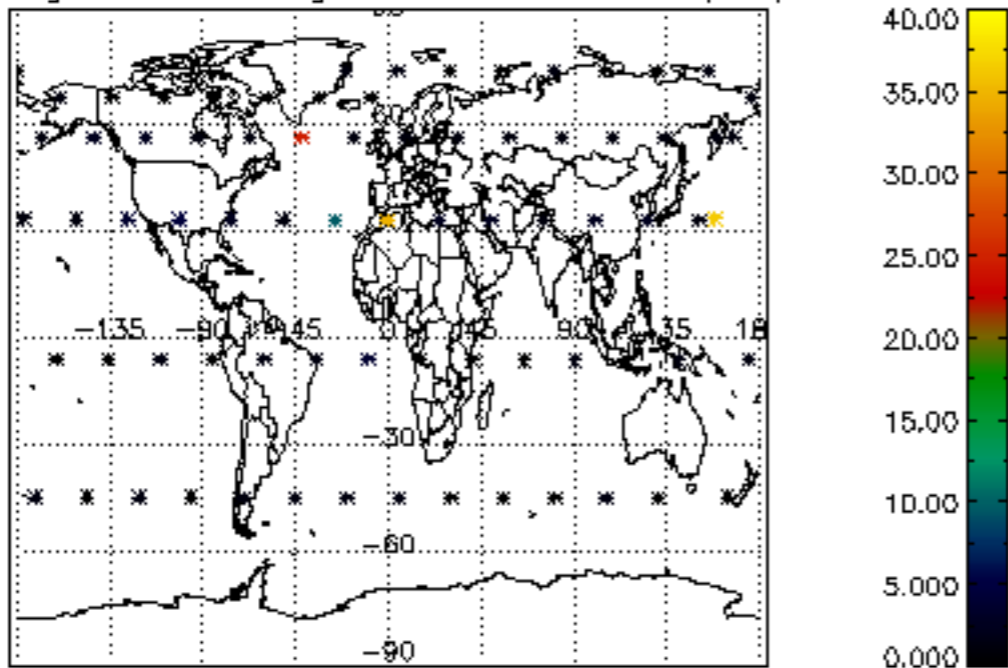
Percentage of cosmic ray hits per profile



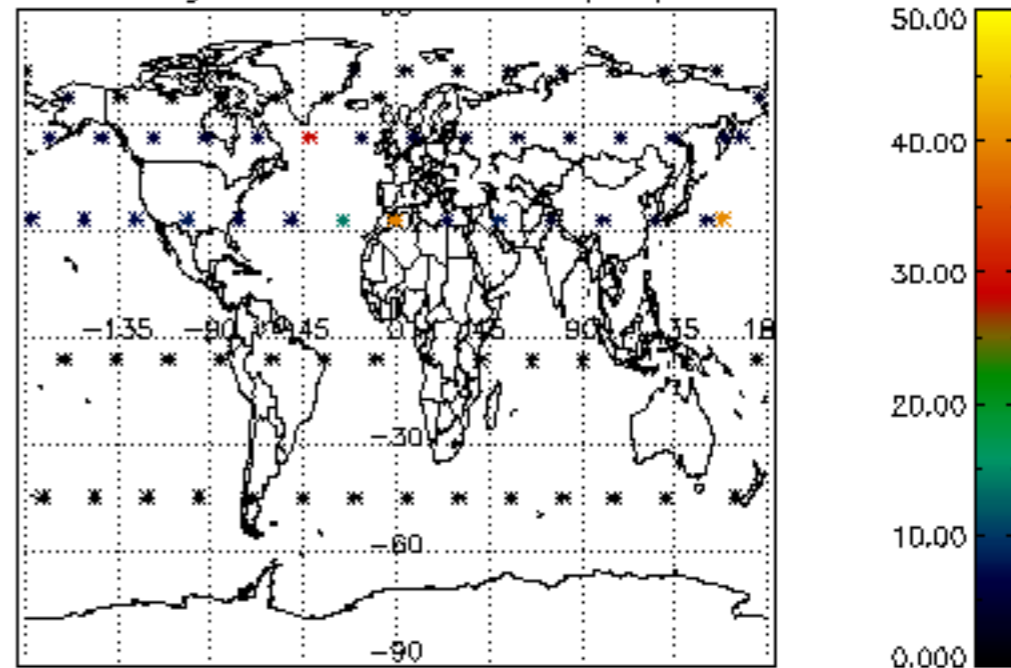
Percentage of datation errors per profile

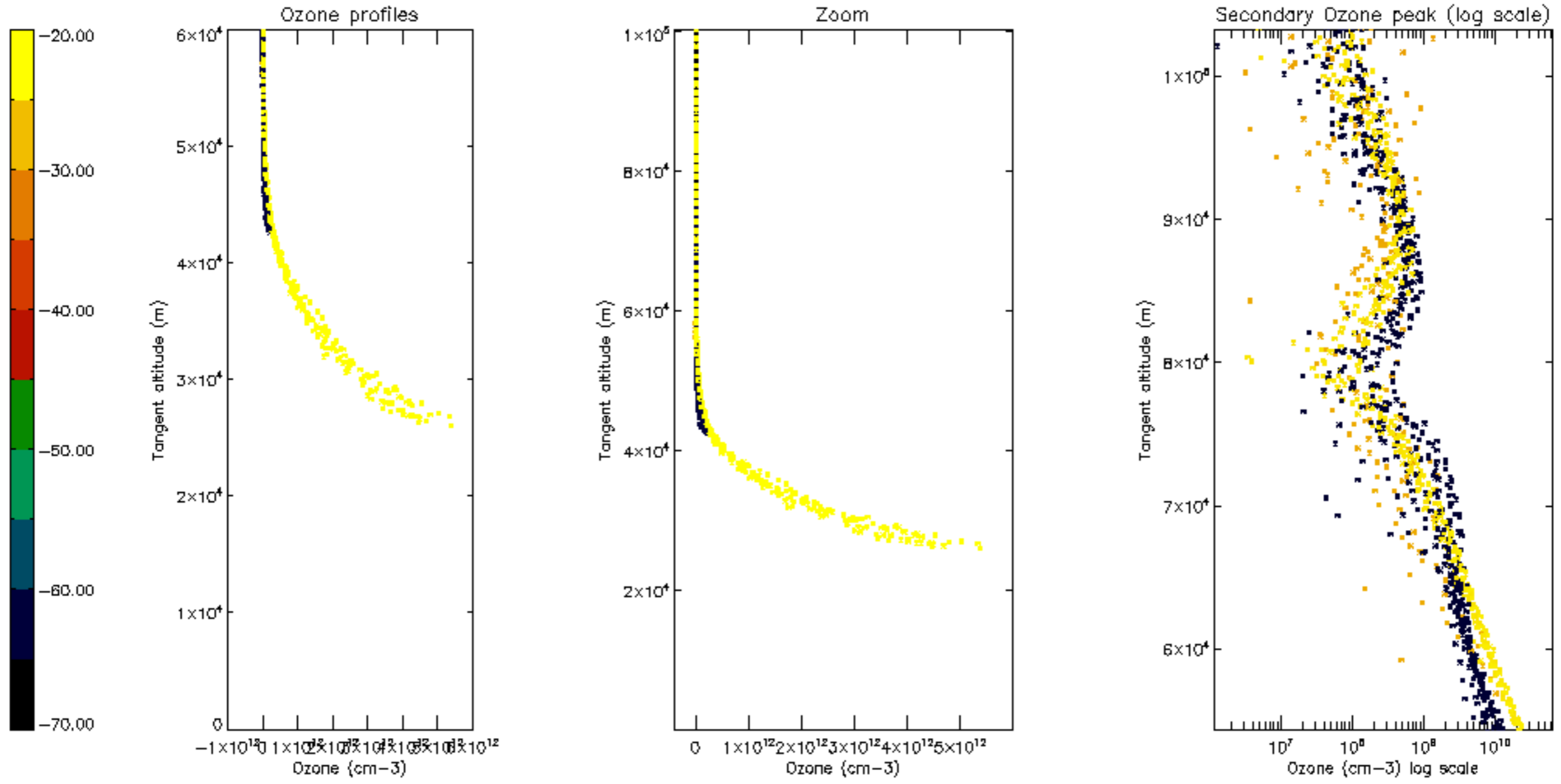


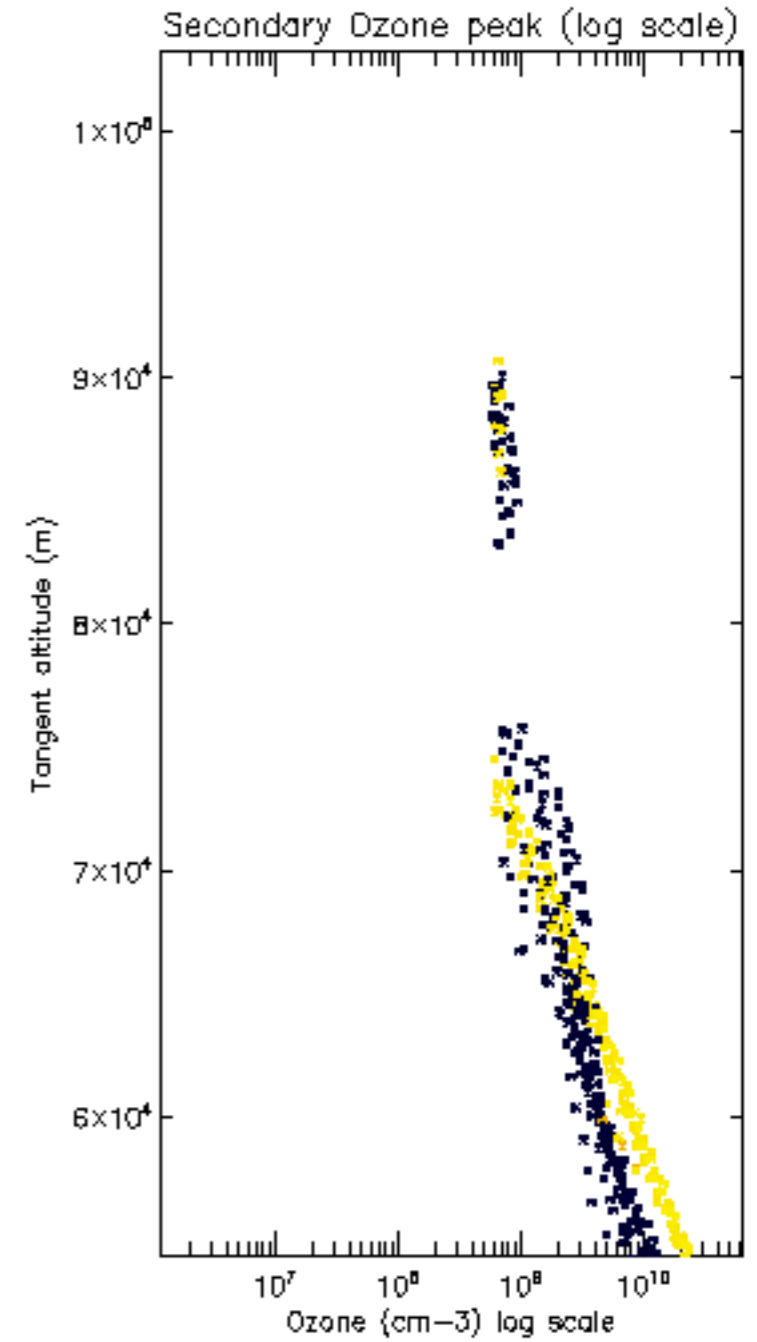
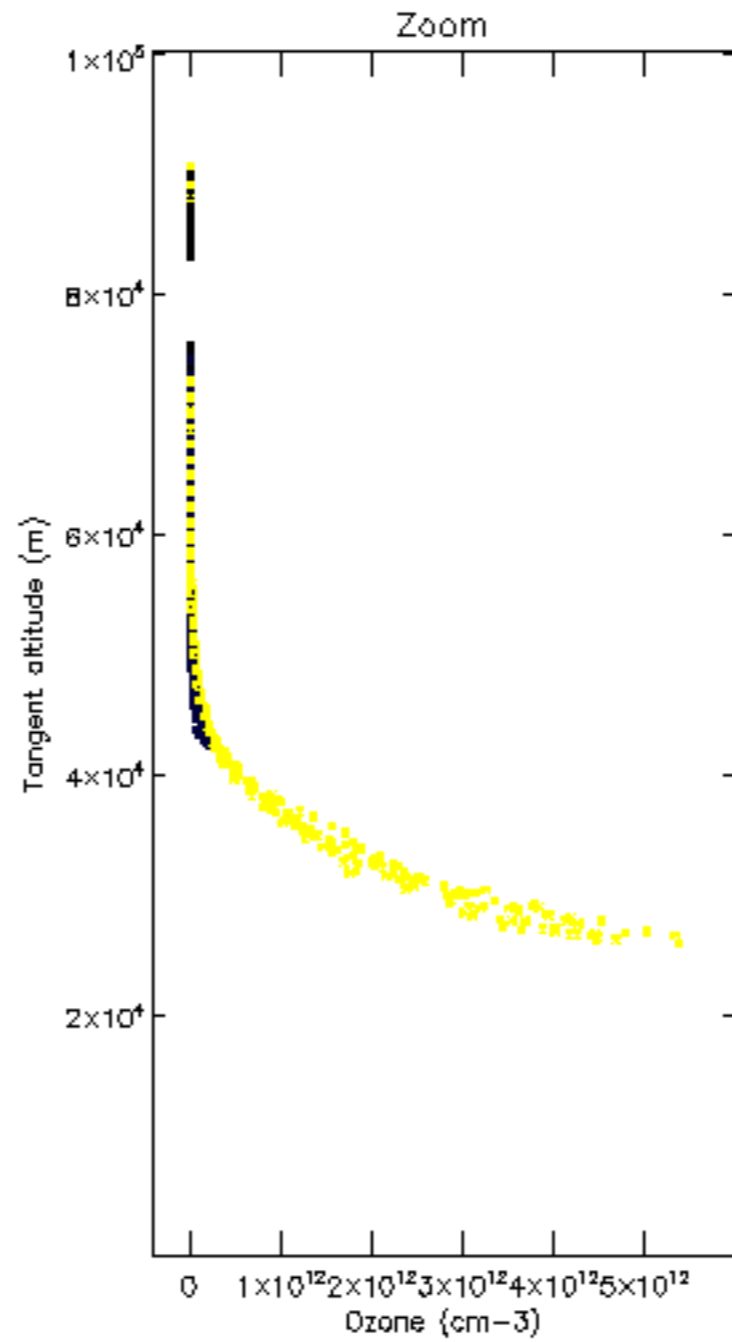
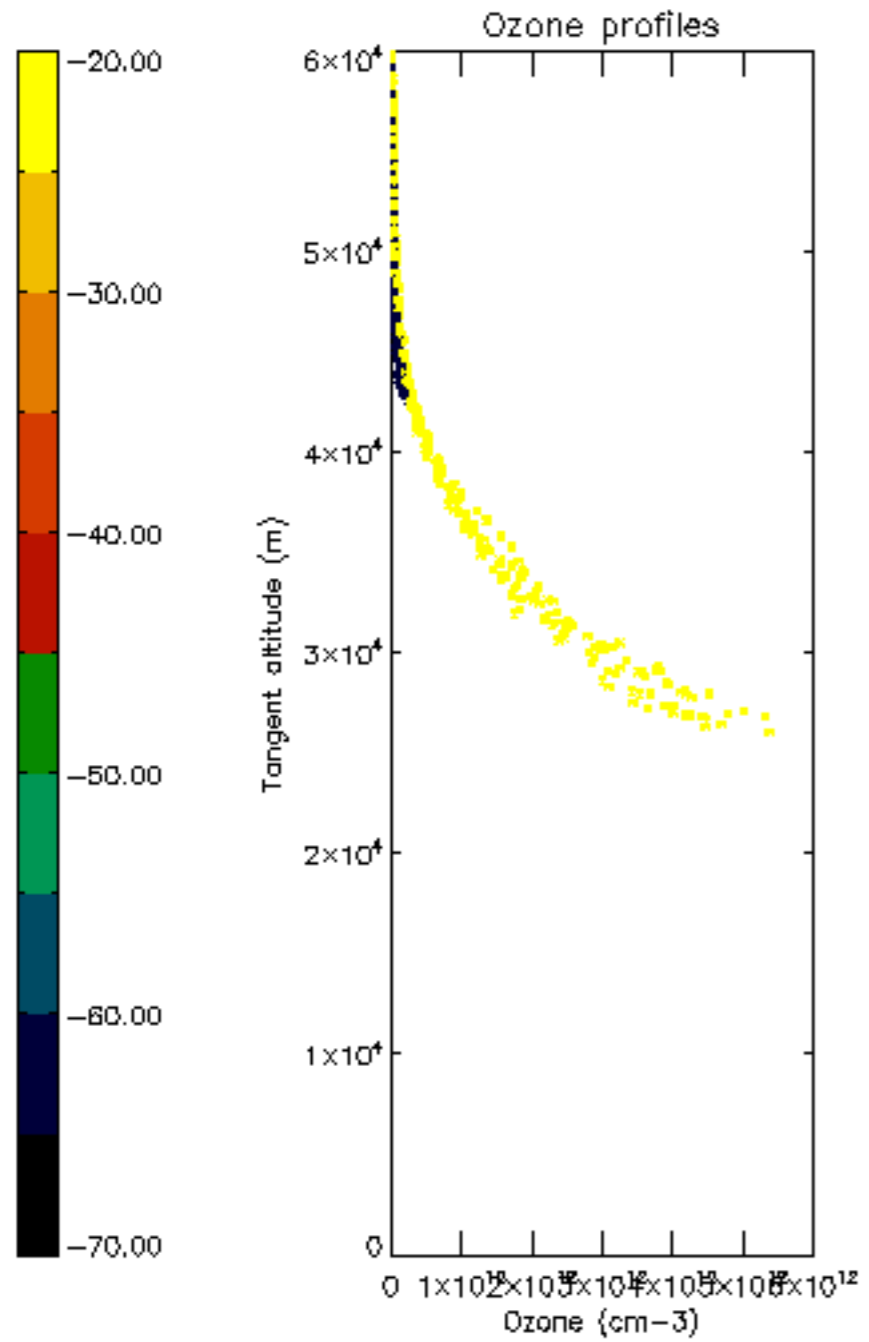
Percentage of star falling outside central band per profile

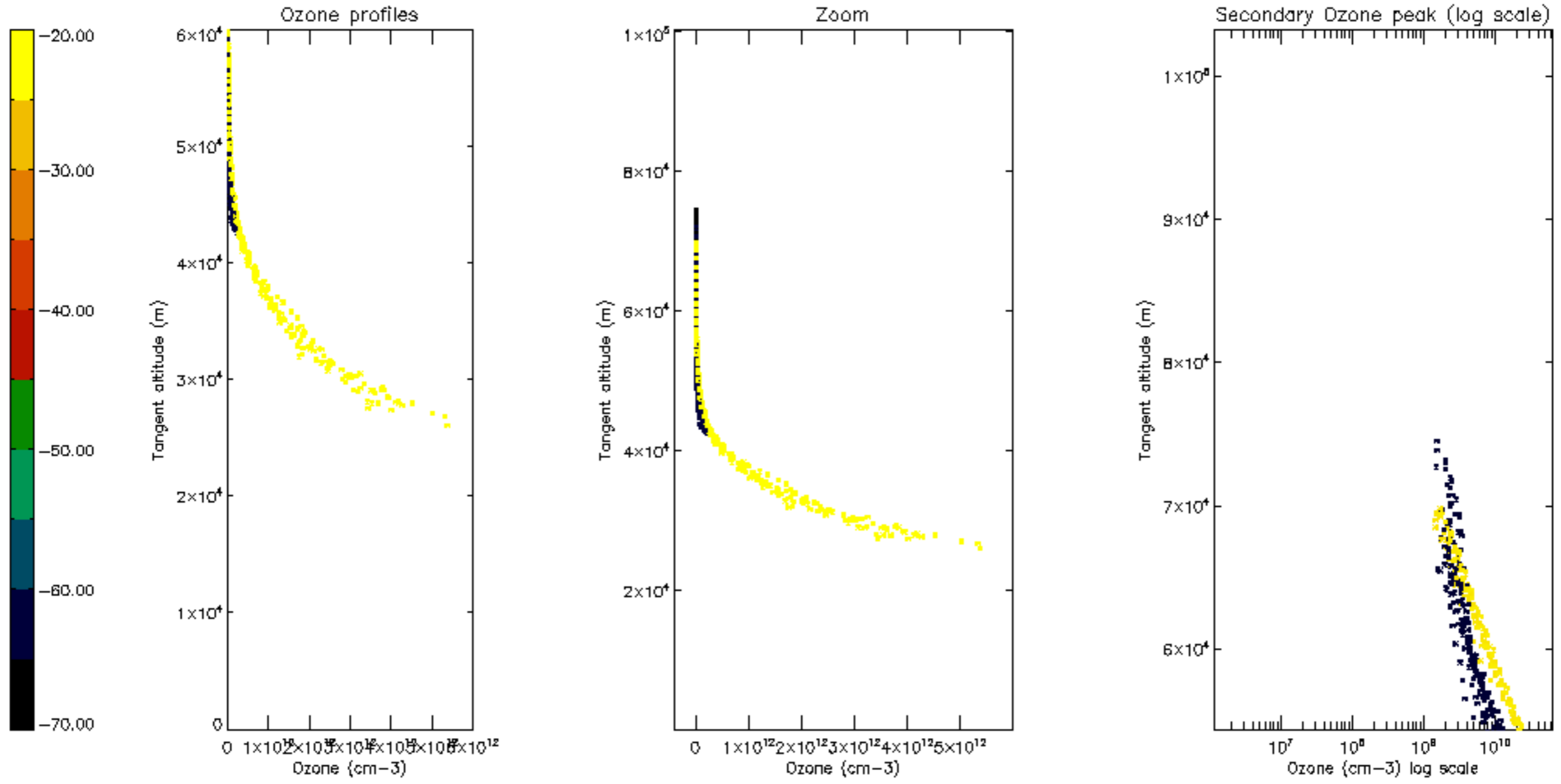


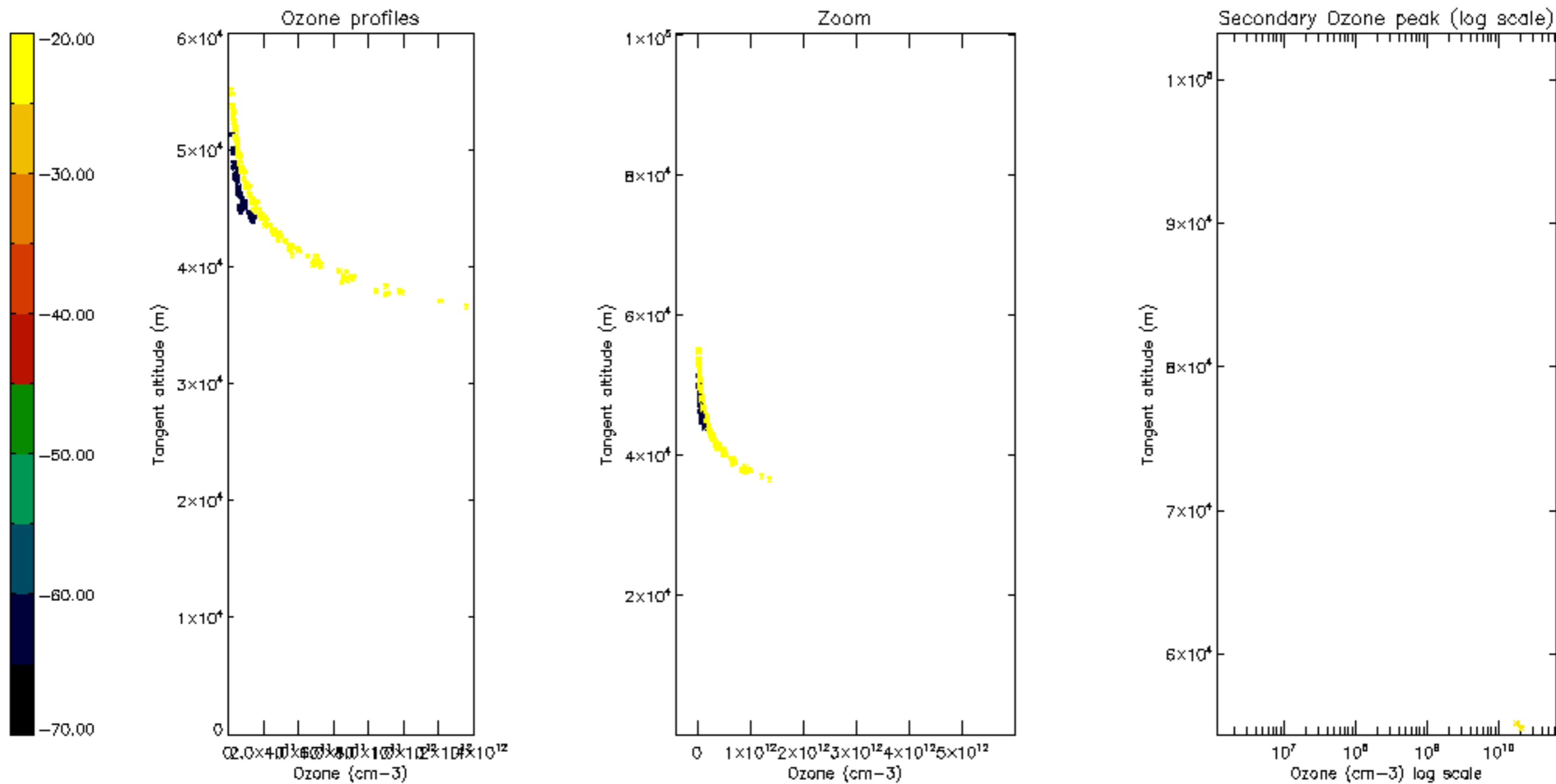
Percentage of saturation errors per profile

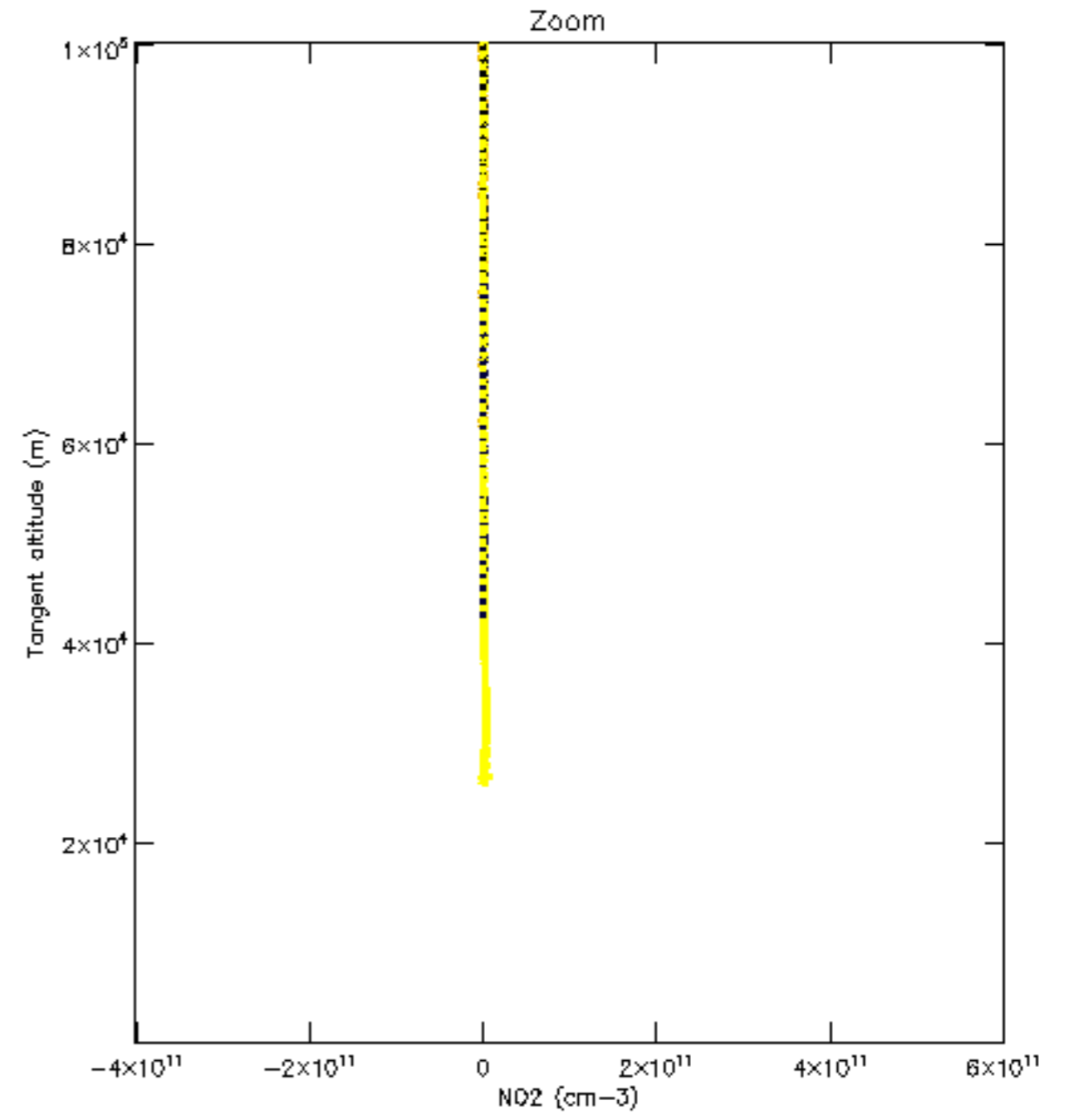
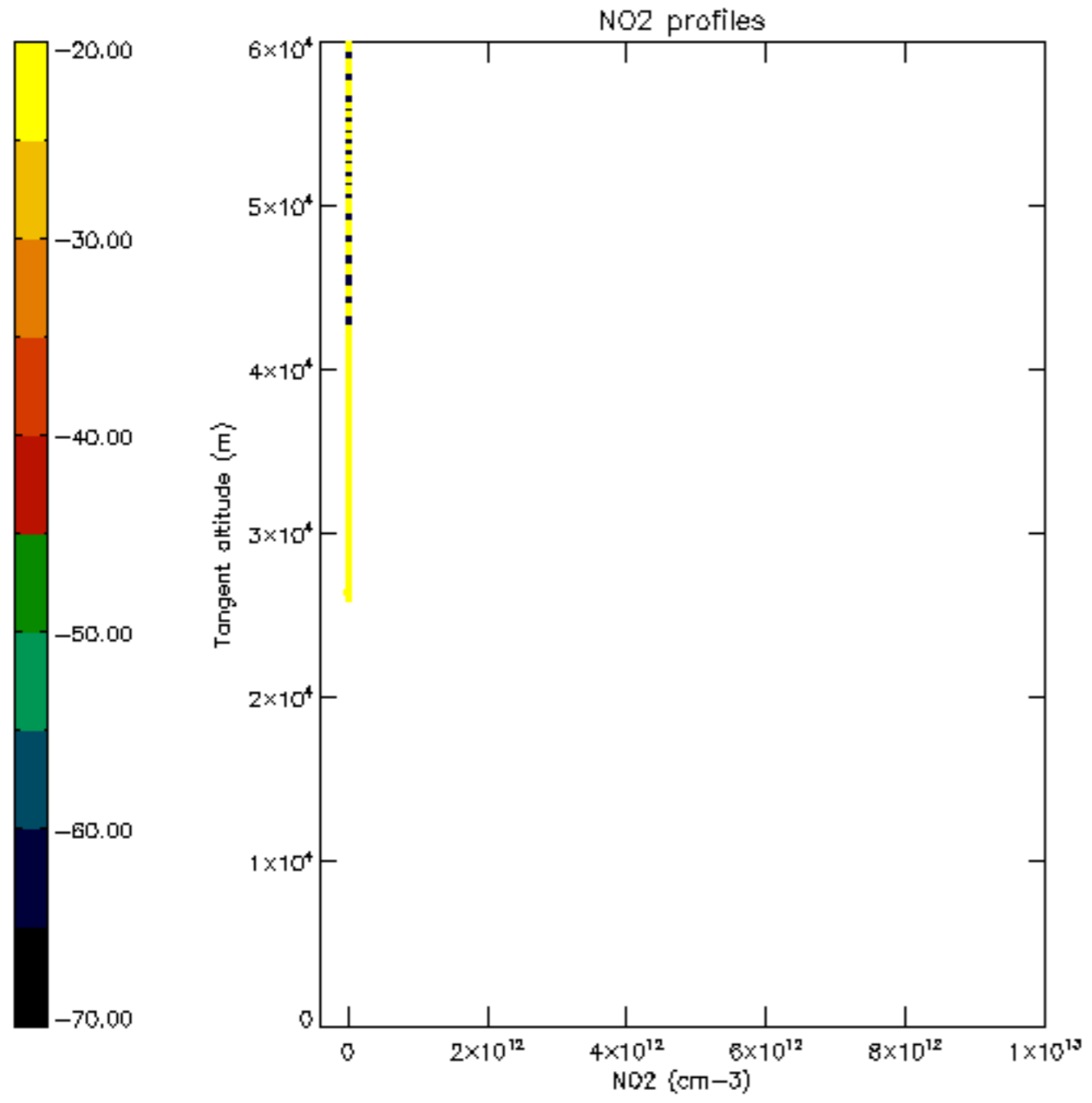


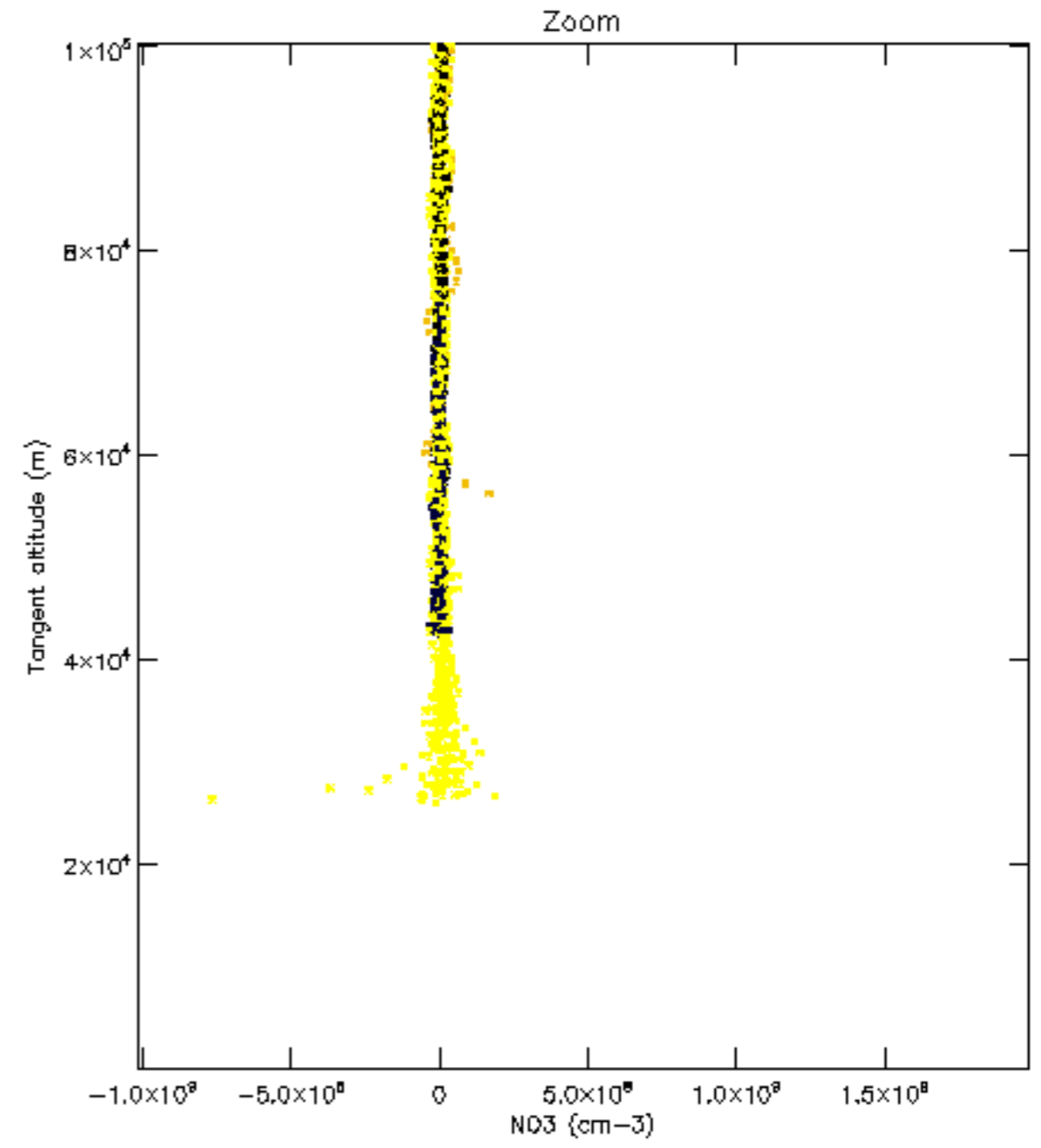
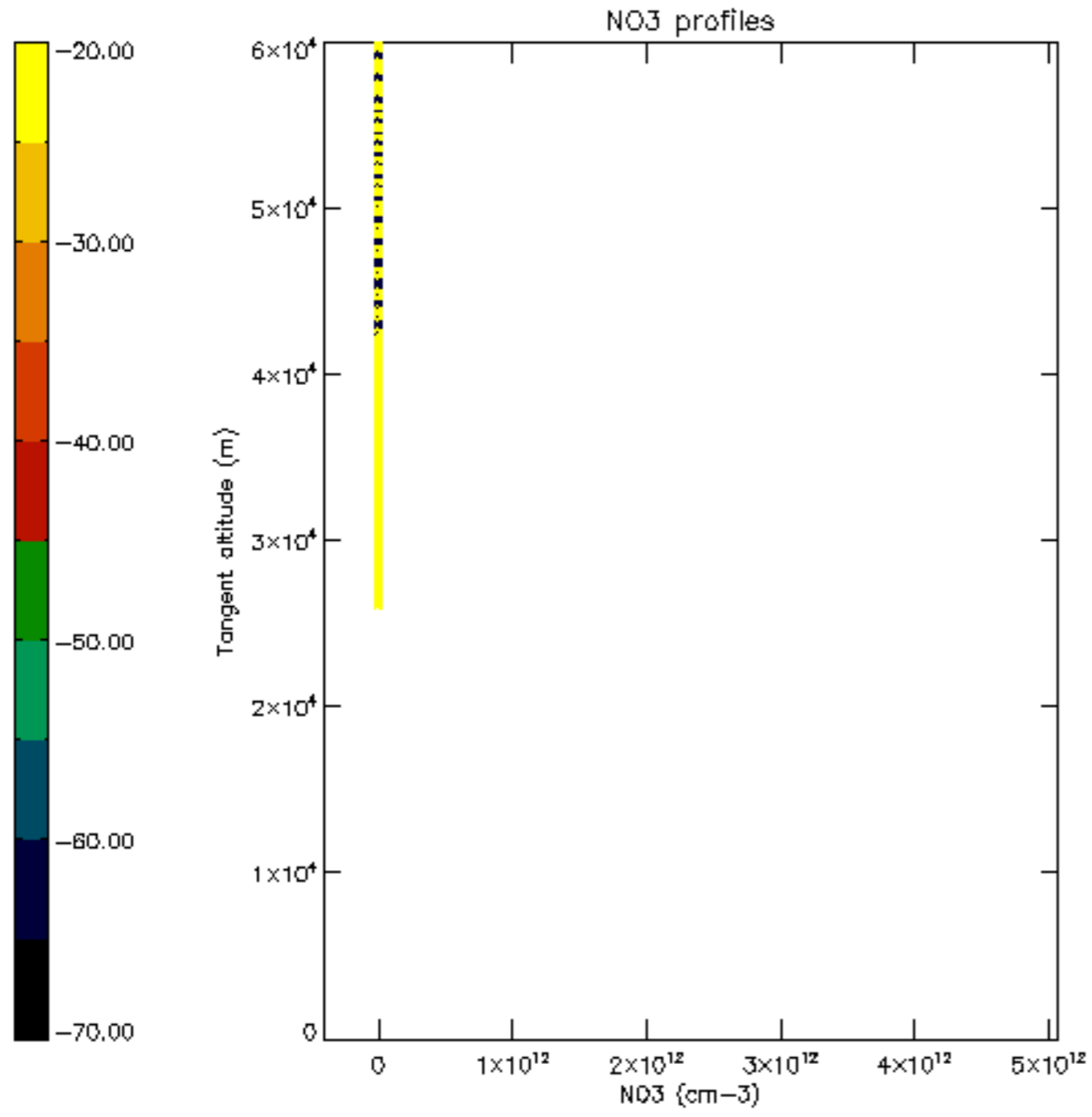


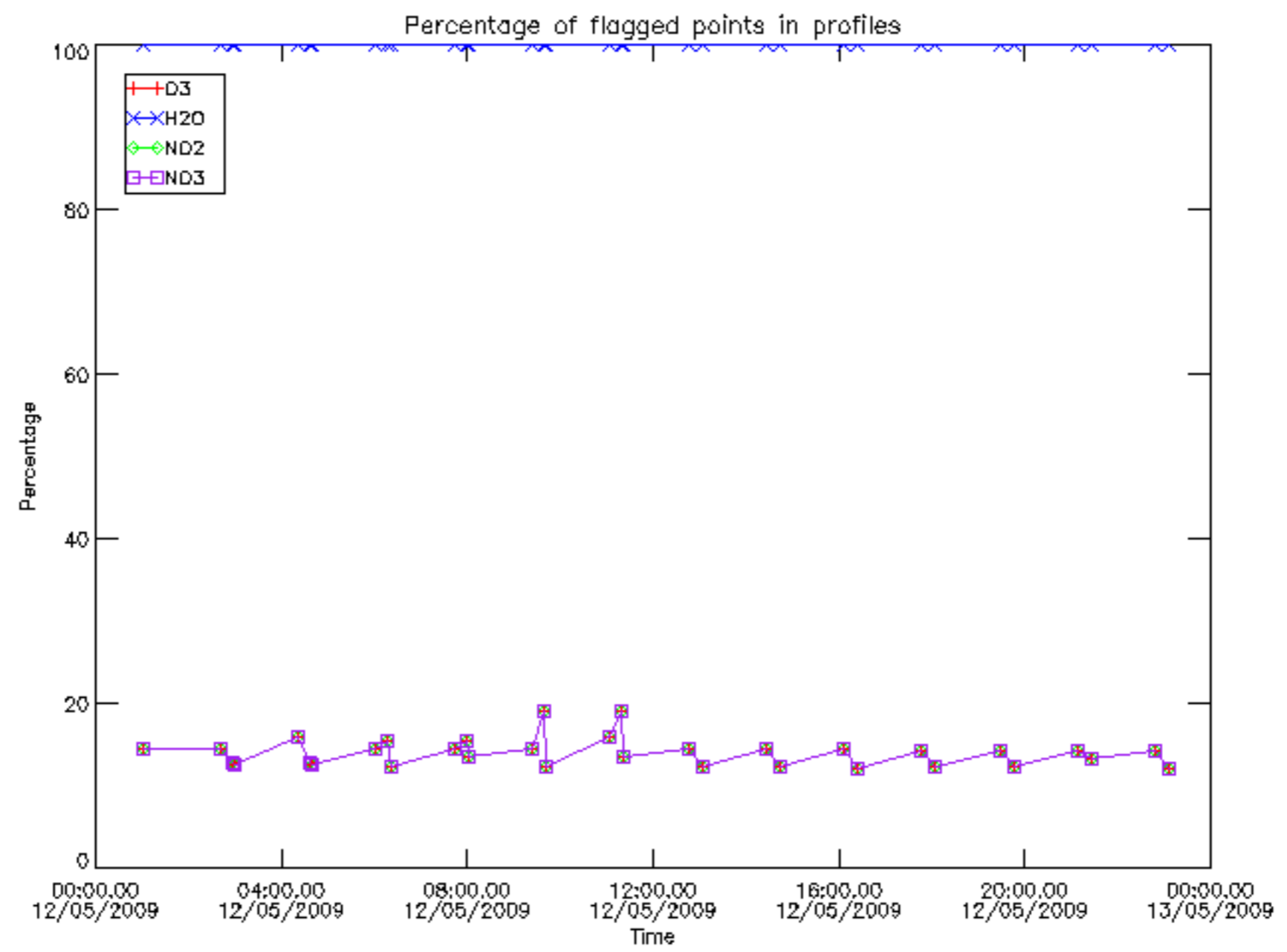




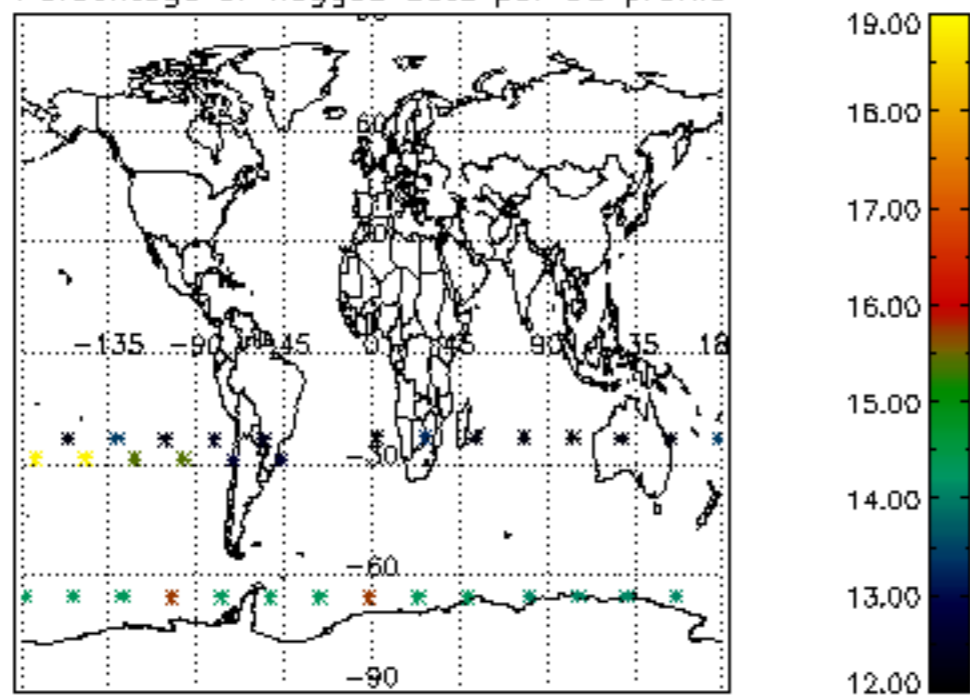




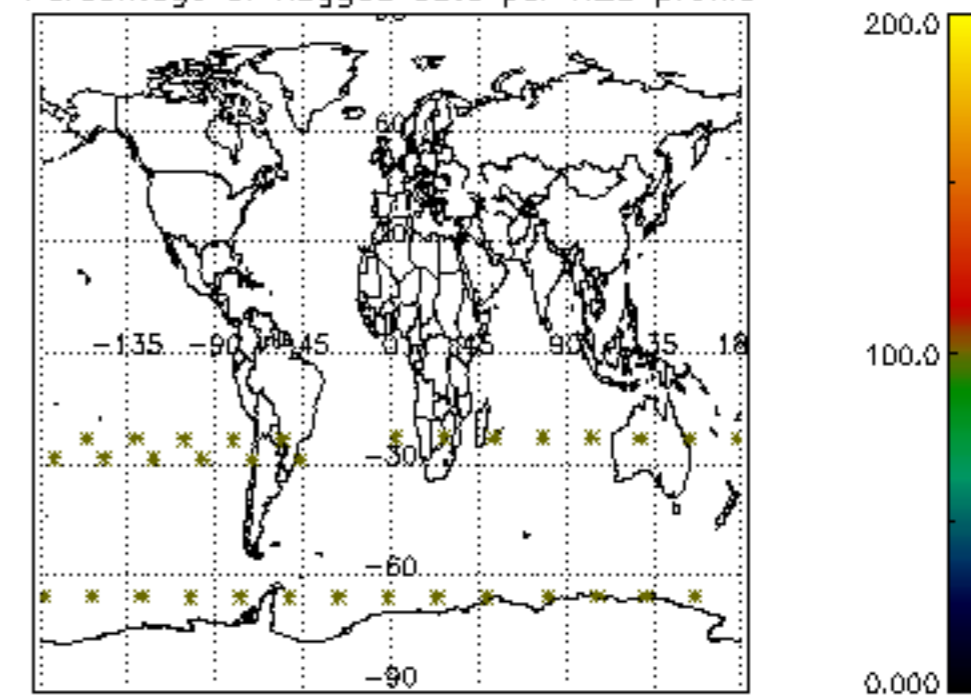




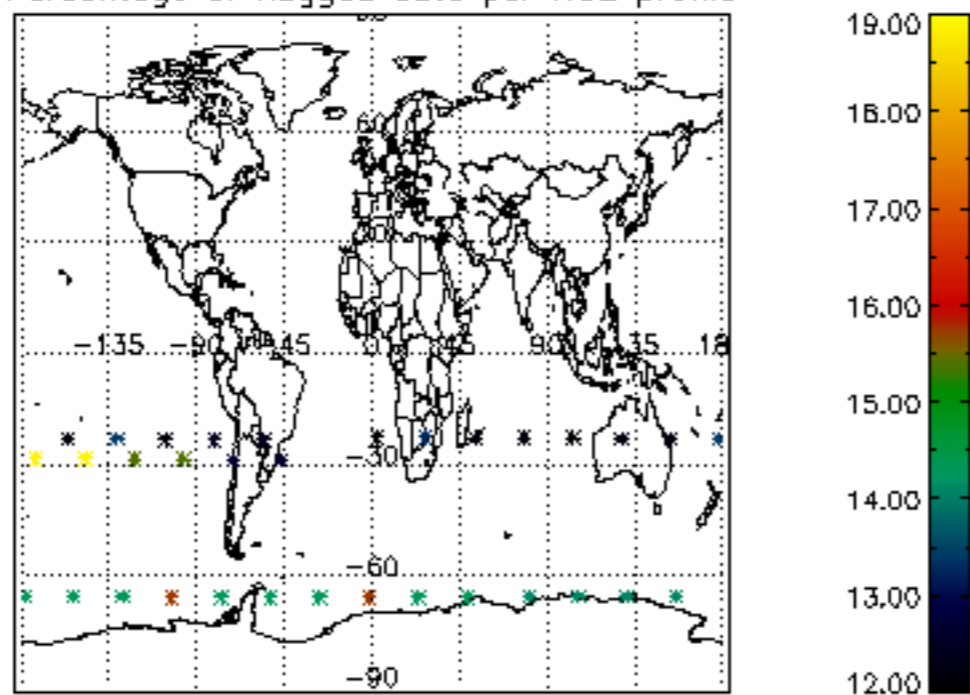
Percentage of flagged data per D3 profile



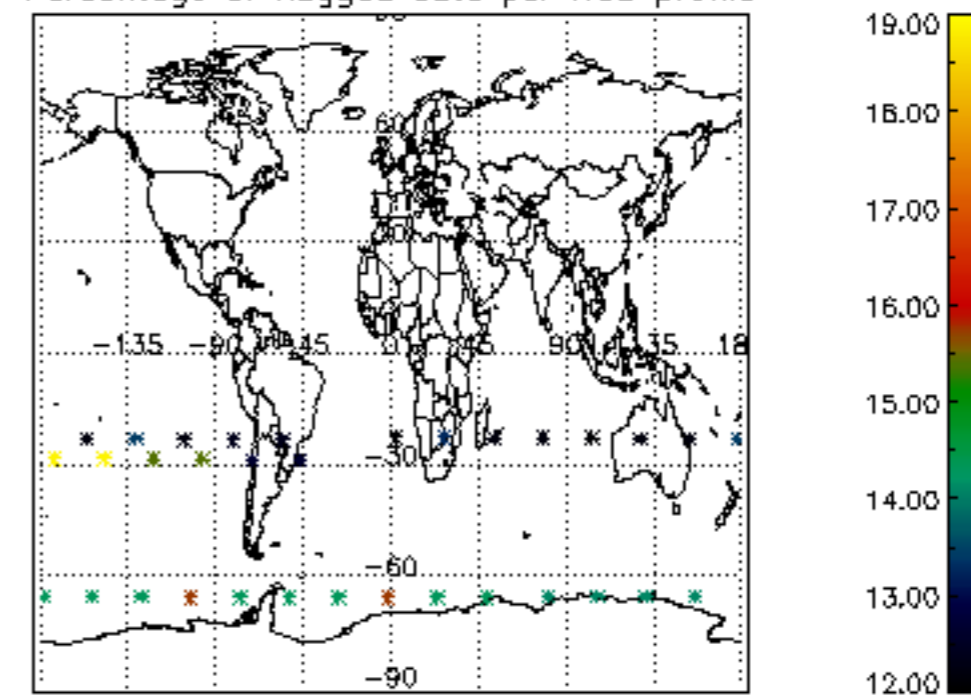
Percentage of flagged data per H2O profile

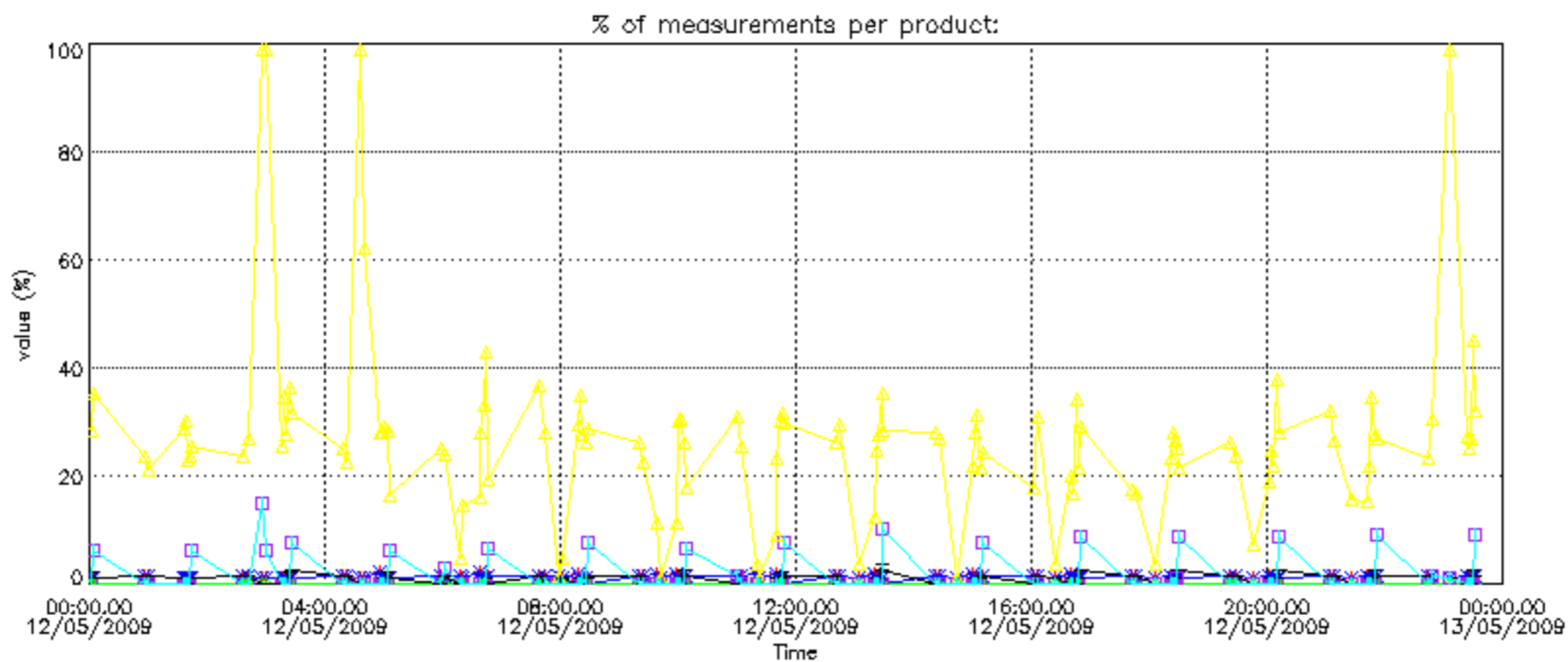


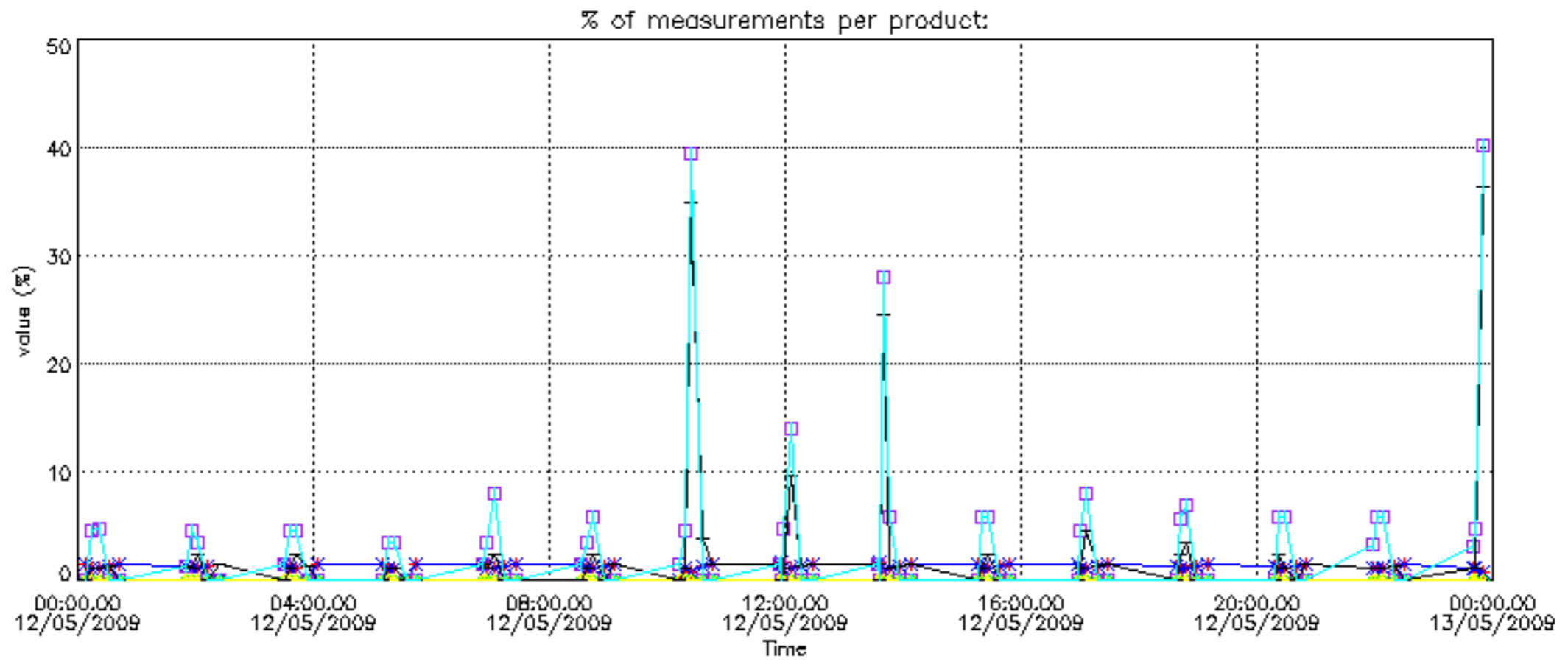
Percentage of flagged data per NO2 profile



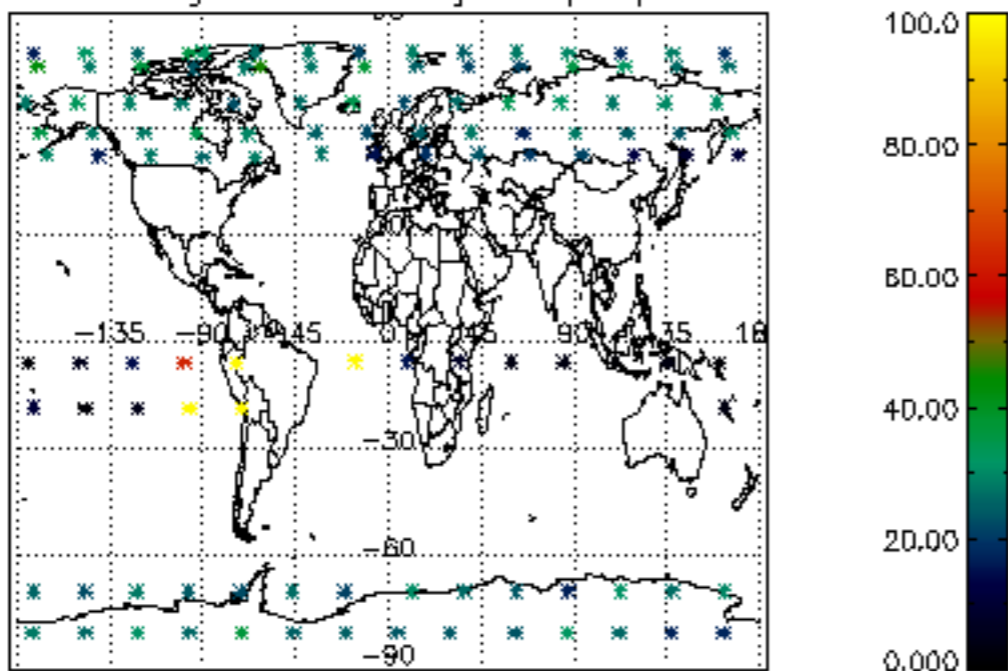
Percentage of flagged data per NO3 profile



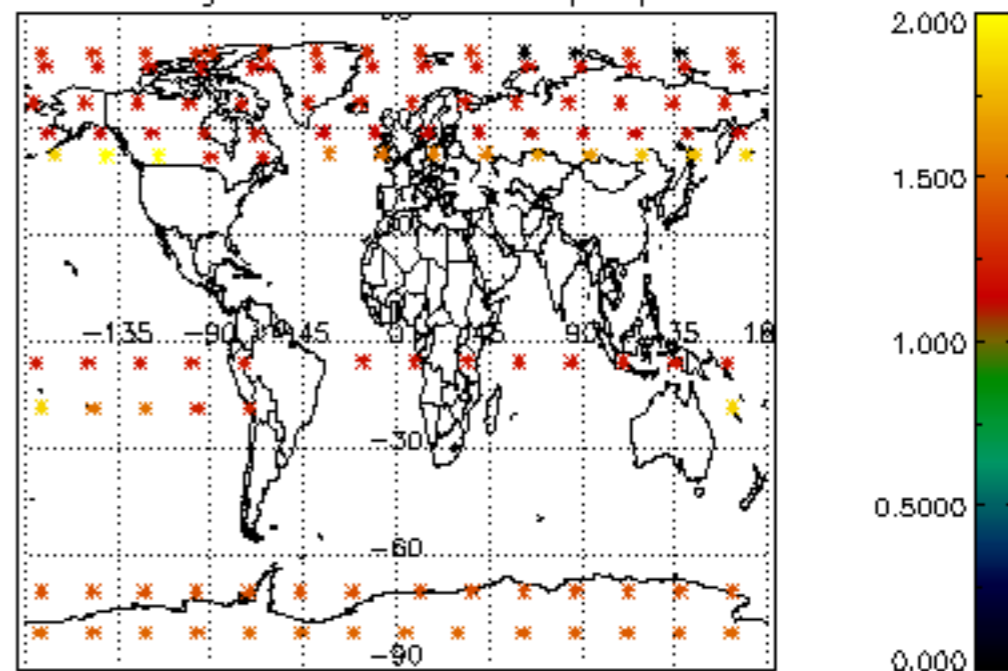




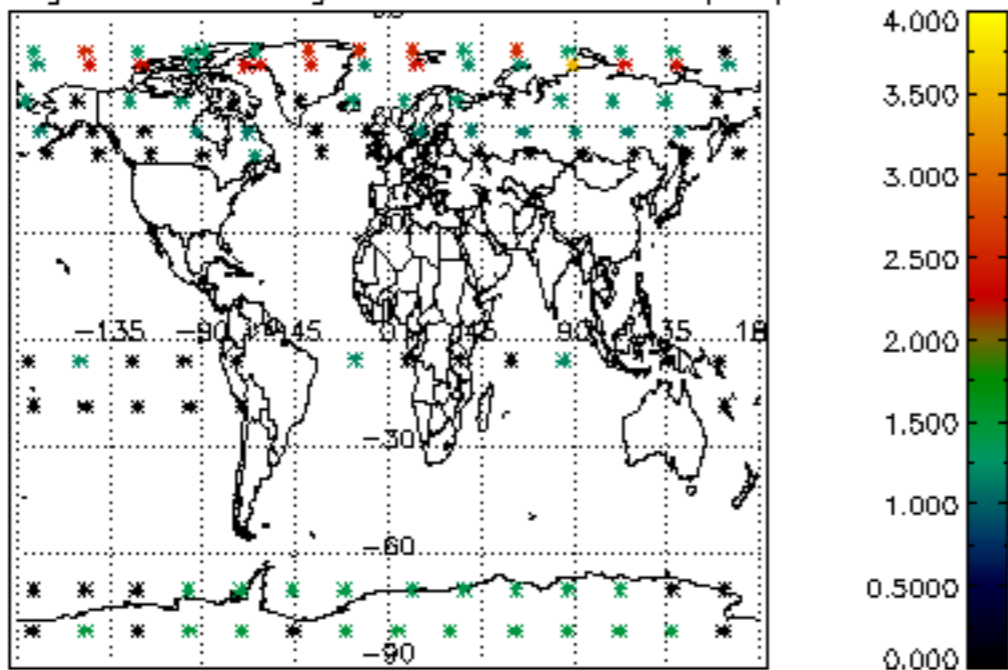
Percentage of cosmic ray hits per profile



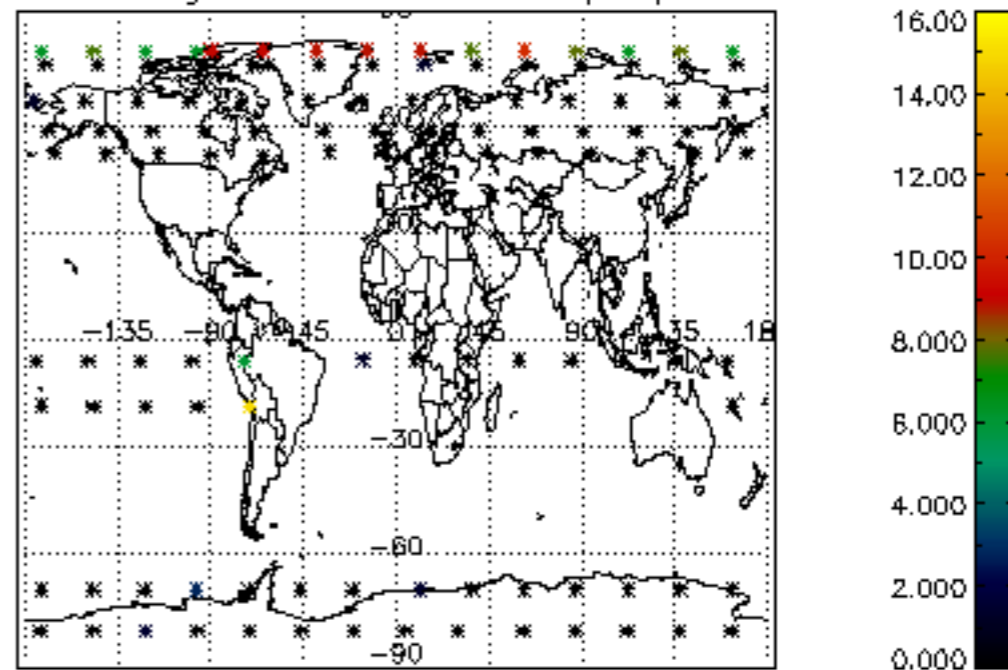
Percentage of datation errors per profile



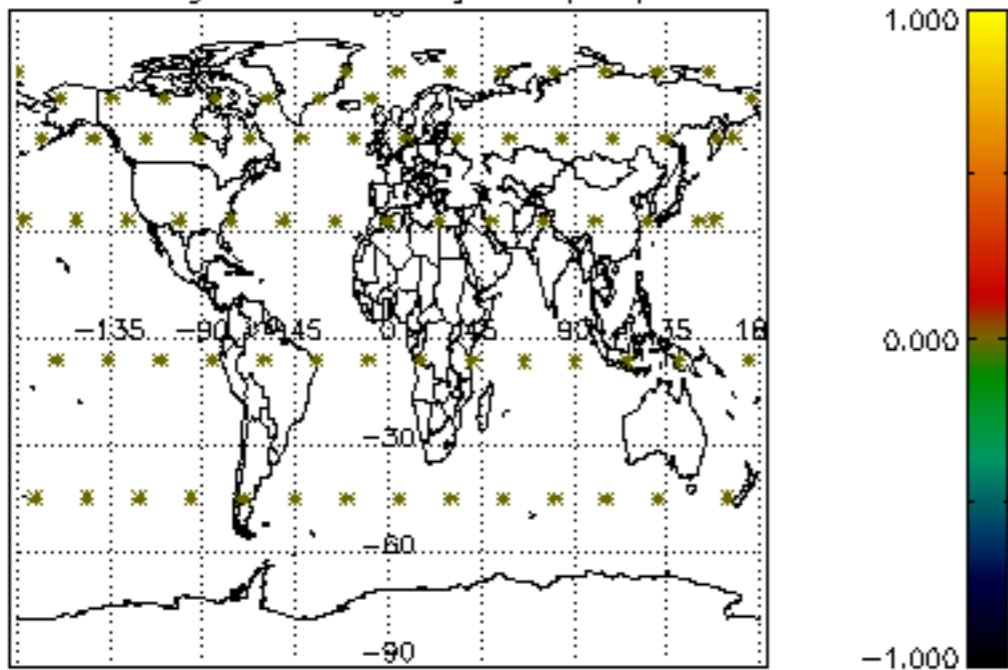
Percentage of star falling outside central band per profile



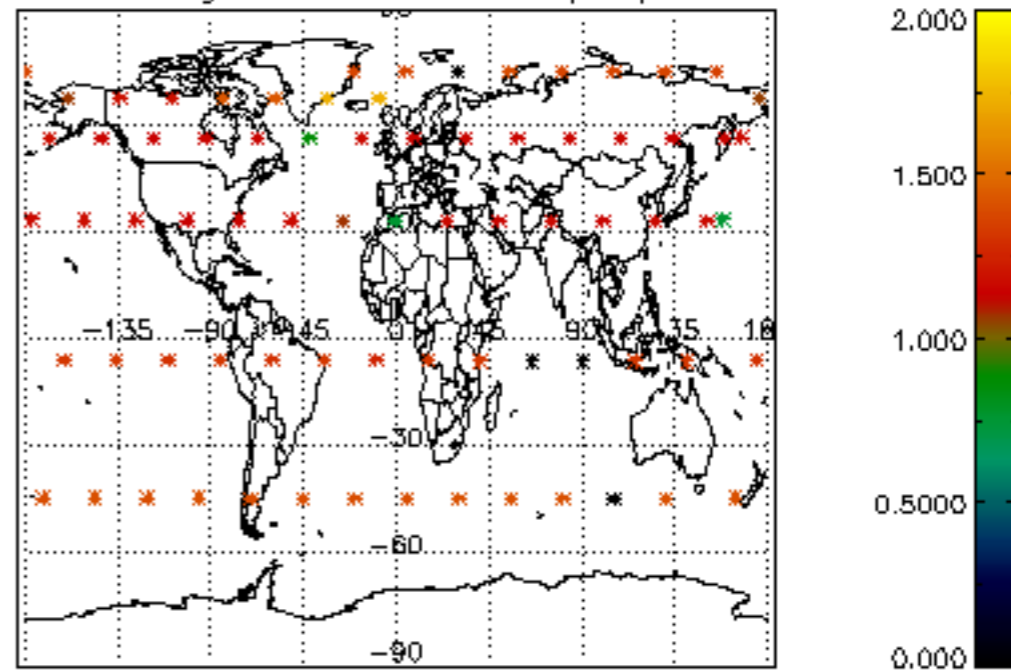
Percentage of saturation errors per profile



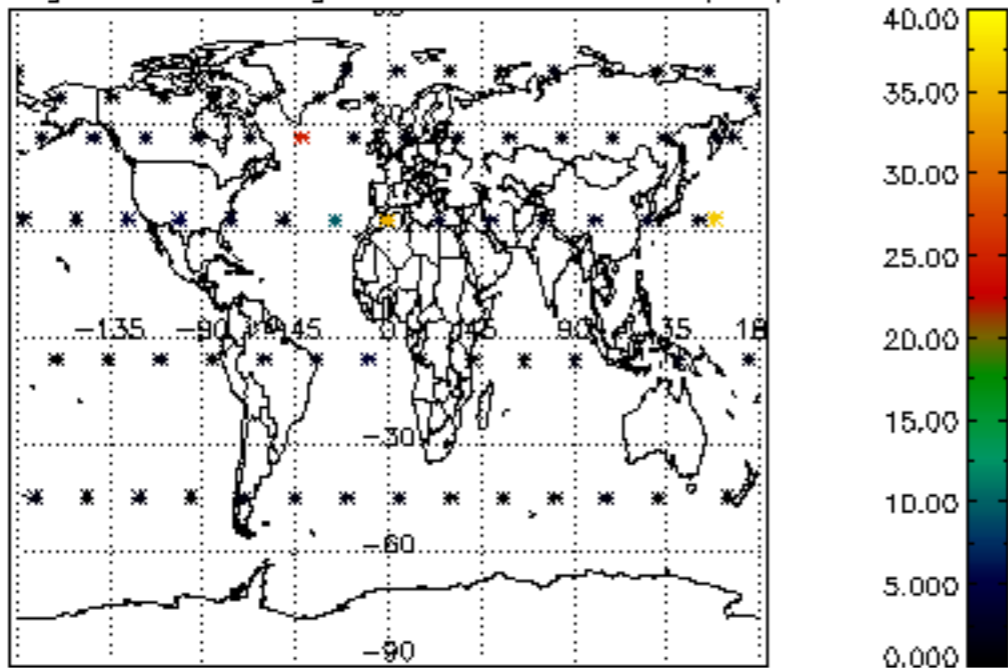
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

