

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 09:32:05
Data source version	GOMOS/6.01
Start time of products	16-05-2009 (16MAY2009 00:00:00)
Stop time of products	17-05-2009 (17MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	196
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__2PRFIN20090516_000544_000000412079_00059_37688_5306.N1	16-MAY-2009 00:05:44	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37688	No
2	GOM_NL__2PRFIN20090516_001640_000000422079_00059_37688_5307.N1	16-MAY-2009 00:16:40	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	37688	No
3	GOM_NL__2PRFIN20090516_003031_000000572079_00059_37688_5308.N1	16-MAY-2009 00:30:31	Twilight	57.000	93	53Bet Peg	2.5200	3100.0	114	37688	No
4	GOM_NL__2PRFIN20090516_003515_000000572079_00059_37688_5309.N1	16-MAY-2009 00:35:15	Dark	56.500	90	54Alp Peg	2.4870	11000.	113	37688	No
5	GOM_NL__2PRFIN20090516_011001_000000552079_00060_37689_5313.N1	16-MAY-2009 01:10:01	Straylight	55.000	40	The Sco	1.8590	7100.0	110	37689	No
6	GOM_NL__2PRFIN20090516_011153_000000512079_00060_37689_5314.N1	16-MAY-2009 01:11:53	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37689	No
7	GOM_NL__2PRFIN20090516_011413_000000522079_00060_37689_5315.N1	16-MAY-2009 01:14:13	Twilight	52.000	75	26Eps Sco	2.2910	4250.0	104	37689	No
8	GOM_NL__2PRFIN20090516_011718_00000032079_00060_37689_5316.N1	16-MAY-2009 01:17:18	Straylight	3.0000	16	21Alp Sco	1.0200	3000.0	6	37689	No
9	GOM_NL__2PRFIN20090516_011955_000000472079_00060_37689_5317.N1	16-MAY-2009 01:19:55	Bright	46.500	97	8Bet1Sco	2.5610	30000.	93	37689	No
10	GOM_NL__2PRFIN20090516_012313_000000532079_00060_37689_5318.N1	16-MAY-2009 01:23:13	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	37689	No
11	GOM_NL__2PRFIN20090516_012544_000000502079_00060_37689_5319.N1	16-MAY-2009 01:25:44	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	37689	No
12	GOM_NL__2PRFIN20090516_012854_000000442079_00060_37689_5320.N1	16-MAY-2009 01:28:54	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37689	No
13	GOM_NL__2PRFIN20090516_013520_000000432079_00060_37689_5321.N1	16-MAY-2009 01:35:20	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37689	No
14	GOM_NL__2PRFIN20090516_014619_000000422079_00060_37689_5322.N1	16-MAY-2009 01:46:19	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37689	No
15	GOM_NL__2PRFIN20090516_015716_000000432079_00060_37689_5323.N1	16-MAY-2009 01:57:16	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37689	No
16	GOM_NL__2PRFIN20090516_021108_000000692079_00060_37689_5324.N1	16-MAY-2009 02:11:08	Twilight	69.000	93	53Bet Peg	2.5200	3100.0	138	37689	No
17	GOM_NL__2PRFIN20090516_021551_000000562079_00060_37689_5325.N1	16-MAY-2009 02:15:51	Dark	55.500	90	54Alp Peg	2.4870	11000.	111	37689	No
18	GOM_NL__2PRFIN20090516_023438_000000472079_00060_37689_5326.N1	16-MAY-2009 02:34:38	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37689	No
19	GOM_NL__2PRFIN20090516_025037_000000502079_00061_37690_5328.N1	16-MAY-2009 02:50:37	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37690	No
20	GOM_NL__2PRFIN20090516_025229_000000522079_00061_37690_5329.N1	16-MAY-2009 02:52:29	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37690	No
21	GOM_NL__2PRFIN20090516_025449_000000522079_00061_37690_5330.N1	16-MAY-2009 02:54:49	Twilight	52.000	75	26Eps Sco	2.2910	4250.0	104	37690	No
22	GOM_NL__2PRFIN20090516_025755_000000592079_00061_37690_5331.N1	16-MAY-2009 02:57:55	Twilight	59.000	16	21Alp Sco	1.0200	3000.0	118	37690	No
23	GOM_NL__2PRFIN20090516_030031_000000462079_00061_37690_5332.N1	16-MAY-2009 03:00:31	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	37690	No
24	GOM_NL__2PRFIN20090516_030350_000000542079_00061_37690_5333.N1	16-MAY-2009 03:03:50	Bright	53.500	98	13Zet Oph	2.5710	30000.	107	37690	No
25	GOM_NL__2PRFIN20090516_030620_000000502079_00061_37690_5334.N1	16-MAY-2009 03:06:20	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	37690	No
26	GOM_NL__2PRFIN20090516_030930_000000442079_00061_37690_5335.N1	16-MAY-2009 03:09:30	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37690	No
27	GOM_NL__2PRFIN20090516_031555_000000452079_00061_37690_5336.N1	16-MAY-2009 03:15:55	Bright	45.000	67	5Alp CrB	2.2210	11000.	90	37690	No
28	GOM_NL__2PRFIN20090516_032655_000000422079_00061_37690_5337.N1	16-MAY-2009 03:26:55	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37690	No
29	GOM_NL__2PRFIN20090516_033751_000000442079_00061_37690_5338.N1	16-MAY-2009 03:37:51	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37690	No
30	GOM_NL__2PRFIN20090516_035144_000000592079_00061_37690_5339.N1	16-MAY-2009 03:51:44	Twilight	59.000	93	53Bet Peg	2.5200	3100.0	118	37690	No
31	GOM_NL__2PRFIN20090516_035627_000000522079_00061_37690_5340.N1	16-MAY-2009 03:56:27	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	37690	No
32	GOM_NL__2PRFIN20090516_041515_000000462079_00061_37690_5341.N1	16-MAY-2009 04:15:15	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37690	No
33	GOM_NL__2PRFIN20090516_043114_000000502079_00062_37691_5342.N1	16-MAY-2009 04:31:14	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37691	No
34	GOM_NL__2PRFIN20090516_043306_000000492079_00062_37691_5343.N1	16-MAY-2009 04:33:06	Straylight	48.500	25	35Lam Sco	1.6200	28000.	97	37691	No
35	GOM_NL__2PRFIN20090516_043526_000000482079_00062_37691_5344.N1	16-MAY-2009 04:35:26	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	37691	No
36	GOM_NL__2PRFIN20090516_043831_000000612079_00062_37691_5345.N1	16-MAY-2009 04:38:31	Twilight	60.500	16	21Alp Sco	1.0200	3000.0	121	37691	No
37	GOM_NL__2PRFIN20090516_044107_000000442079_00062_37691_5346.N1	16-MAY-2009 04:41:07	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37691	No
38	GOM_NL__2PRFIN20090516_044425_000000532079_00062_37691_5347.N1	16-MAY-2009 04:44:25	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	37691	No
39	GOM_NL__2PRFIN20090516_044656_000000512079_00062_37691_5348.N1	16-MAY-2009 04:46:56	Bright	50.500	120	1Del Oph	2.7340	3200.0	101	37691	No
40	GOM_NL__2PRFIN20090516_045006_000000452079_00062_37691_5349.N1	16-MAY-2009 04:50:06	Bright	44.500	102	24Alp Ser	2.6000	4250.0	89	37691	No
41	GOM_NL__2PRFIN20090516_045630_000000442079_00062_37691_5350.N1	16-MAY-2009 04:56:30	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37691	No
42	GOM_NL__2PRFIN20090516_050730_000000422079_00062_37691_5351.N1	16-MAY-2009 05:07:30	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37691	No

43	GOM_NL__2PRFIN20090516_051827_000000442079_00062_37691_5352.N1	16-MAY-2009 05:18:27	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37691	No
44	GOM_NL__2PRFIN20090516_053220_000000702079_00062_37691_5353.N1	16-MAY-2009 05:32:20	Twilight	70.000	93	53Bet Peg	2.5200	3100.0	140	37691	No
45	GOM_NL__2PRFIN20090516_053704_000000562079_00062_37691_5354.N1	16-MAY-2009 05:37:04	Dark	56.000	90	54Alp Peg	2.4870	11000.	112	37691	No
46	GOM_NL__2PRFIN20090516_055552_000000462079_00062_37691_5355.N1	16-MAY-2009 05:55:52	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37691	No
47	GOM_NL__2PRFIN20090516_061151_000000512079_00063_37692_5359.N1	16-MAY-2009 06:11:51	Straylight	51.000	40	The Sco	1.8590	7100.0	102	37692	No
48	GOM_NL__2PRFIN20090516_061342_000000572079_00063_37692_5360.N1	16-MAY-2009 06:13:42	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	37692	No
49	GOM_NL__2PRFIN20090516_061602_000000532079_00063_37692_5361.N1	16-MAY-2009 06:16:02	Twilight	52.500	75	26Eps Sco	2.2910	4250.0	105	37692	No
50	GOM_NL__2PRFIN20090516_061907_000000642079_00063_37692_5362.N1	16-MAY-2009 06:19:07	Twilight	64.000	16	21Alp Sco	1.0200	3000.0	128	37692	No
51	GOM_NL__2PRFIN20090516_062144_000000482079_00063_37692_5363.N1	16-MAY-2009 06:21:44	Bright	48.000	97	8Bet1Sco	2.5610	30000.	96	37692	No
52	GOM_NL__2PRFIN20090516_062501_000000532079_00063_37692_5364.N1	16-MAY-2009 06:25:01	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	37692	No
53	GOM_NL__2PRFIN20090516_062731_000000492079_00063_37692_5365.N1	16-MAY-2009 06:27:31	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37692	No
54	GOM_NL__2PRFIN20090516_063042_000000442079_00063_37692_5366.N1	16-MAY-2009 06:30:42	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37692	No
55	GOM_NL__2PRFIN20090516_063706_000000422079_00063_37692_5367.N1	16-MAY-2009 06:37:06	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	37692	No
56	GOM_NL__2PRFIN20090516_064806_000000412079_00063_37692_5368.N1	16-MAY-2009 06:48:06	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37692	No
57	GOM_NL__2PRFIN20090516_065902_000000442079_00063_37692_5369.N1	16-MAY-2009 06:59:02	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37692	No
58	GOM_NL__2PRFIN20090516_071256_000000572079_00063_37692_5370.N1	16-MAY-2009 07:12:56	Twilight	57.000	93	53Bet Peg	2.5200	3100.0	114	37692	No
59	GOM_NL__2PRFIN20090516_071740_000000552079_00063_37692_5371.N1	16-MAY-2009 07:17:40	Dark	54.500	90	54Alp Peg	2.4870	11000.	109	37692	No
60	GOM_NL__2PRFIN20090516_073629_000000462079_00063_37692_5372.N1	16-MAY-2009 07:36:29	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37692	No
61	GOM_NL__2PRFIN20090516_075227_000000502079_00064_37693_5373.N1	16-MAY-2009 07:52:27	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37693	No
62	GOM_NL__2PRFIN20090516_075419_000000532079_00064_37693_5374.N1	16-MAY-2009 07:54:19	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	37693	No
63	GOM_NL__2PRFIN20090516_075639_000000532079_00064_37693_5375.N1	16-MAY-2009 07:56:39	Twilight	52.500	75	26Eps Sco	2.2910	4250.0	105	37693	No
64	GOM_NL__2PRFIN20090516_075944_000000592079_00064_37693_5376.N1	16-MAY-2009 07:59:44	Twilight	58.500	16	21Alp Sco	1.0200	3000.0	117	37693	No
65	GOM_NL__2PRFIN20090516_080220_000000472079_00064_37693_5377.N1	16-MAY-2009 08:02:20	Bright	46.500	97	8Bet1Sco	2.5610	30000.	93	37693	No
66	GOM_NL__2PRFIN20090516_080537_000000522079_00064_37693_5378.N1	16-MAY-2009 08:05:37	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	37693	No
67	GOM_NL__2PRFIN20090516_080807_000000492079_00064_37693_5379.N1	16-MAY-2009 08:08:07	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37693	No
68	GOM_NL__2PRFIN20090516_081117_000000452079_00064_37693_5380.N1	16-MAY-2009 08:11:17	Bright	45.000	102	24Alp Ser	2.6000	4250.0	90	37693	No
69	GOM_NL__2PRFIN20090516_081741_000000412079_00064_37693_5381.N1	16-MAY-2009 08:17:41	Bright	41.000	67	5Alp CrB	2.2210	11000.	82	37693	No
70	GOM_NL__2PRFIN20090516_082841_000000402079_00064_37693_5382.N1	16-MAY-2009 08:28:41	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37693	No
71	GOM_NL__2PRFIN20090516_083938_000000442079_00064_37693_5383.N1	16-MAY-2009 08:39:38	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37693	No
72	GOM_NL__2PRFIN20090516_085333_000000612079_00064_37693_5384.N1	16-MAY-2009 08:53:33	Twilight	61.000	93	53Bet Peg	2.5200	3100.0	122	37693	No
73	GOM_NL__2PRFIN20090516_085817_000000562079_00064_37693_5385.N1	16-MAY-2009 08:58:17	Dark	55.500	90	54Alp Peg	2.4870	11000.	111	37693	No
74	GOM_NL__2PRFIN20090516_091706_000000472079_00064_37693_5386.N1	16-MAY-2009 09:17:06	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37693	No
75	GOM_NL__2PRFIN20090516_093304_000000542079_00065_37694_5407.N1	16-MAY-2009 09:33:04	Straylight	53.500	40	The Sco	1.8590	7100.0	107	37694	No
76	GOM_NL__2PRFIN20090516_093456_000000542079_00065_37694_5408.N1	16-MAY-2009 09:34:56	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	37694	No
77	GOM_NL__2PRFIN20090516_093715_000000502079_00065_37694_5409.N1	16-MAY-2009 09:37:15	Twilight	50.000	75	26Eps Sco	2.2910	4250.0	100	37694	No
78	GOM_NL__2PRFIN20090516_094020_000000642079_00065_37694_5410.N1	16-MAY-2009 09:40:20	Twilight	64.000	16	21Alp Sco	1.0200	3000.0	128	37694	No
79	GOM_NL__2PRFIN20090516_094256_000000442079_00065_37694_5411.N1	16-MAY-2009 09:42:56	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37694	No
80	GOM_NL__2PRFIN20090516_094613_000000522079_00065_37694_5412.N1	16-MAY-2009 09:46:13	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	37694	No
81	GOM_NL__2PRFIN20090516_094843_000000502079_00065_37694_5413.N1	16-MAY-2009 09:48:43	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	37694	No
82	GOM_NL__2PRFIN20090516_095153_000000432079_00065_37694_5414.N1	16-MAY-2009 09:51:53	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37694	No
83	GOM_NL__2PRFIN20090516_095817_000000432079_00065_37694_5415.N1	16-MAY-2009 09:58:17	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37694	No
84	GOM_NL__2PRFIN20090516_100916_000000402079_00065_37694_5416.N1	16-MAY-2009 10:09:16	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37694	No
85	GOM_NL__2PRFIN20090516_102013_000000552079_00065_37694_5417.N1	16-MAY-2009 10:20:13	Bright	55.000	89	5Alp Cep	2.4510	8000.0	110	37694	No
86	GOM_NL__2PRFIN20090516_103408_000000602079_00065_37694_5418.N1	16-MAY-2009 10:34:08	Twilight	60.000	93	53Bet Peg	2.5200	3100.0	120	37694	No
87	GOM_NL__2PRFIN20090516_103853_000000542079_00065_37694_5419.N1	16-MAY-2009 10:38:53	Dark	53.500	90	54Alp Peg	2.4870	11000.	107	37694	No
88	GOM_NL__2PRFIN20090516_105743_000000472079_00065_37694_5420.N1	16-MAY-2009 10:57:43	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37694	No
89	GOM_NL__2PRFIN20090516_111340_000000472079_00066_37695_5421.N1	16-MAY-2009 11:13:40	Straylight	47.000	40	The Sco	1.8590	7100.0	94	37695	No
90	GOM_NL__2PRFIN20090516_111532_000000522079_00066_37695_5422.N1	16-MAY-2009 11:15:32	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37695	No
91	GOM_NL__2PRFIN20090516_111751_000000522079_00066_37695_5423.N1	16-MAY-2009 11:17:51	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	37695	No
92	GOM_NL__2PRFIN20090516_112056_000000562079_00066_37695_5424.N1	16-MAY-2009 11:20:56	Twilight	55.500	16	21Alp Sco	1.0200	3000.0	111	37695	No
93	GOM_NL__2PRFIN20090516_112332_000000452079_00066_37695_5425.N1	16-MAY-2009 11:23:32	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	37695	No
94	GOM_NL__2PRFIN20090516_112649_000000532079_00066_37695_5426.N1	16-MAY-2009 11:26:49	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	37695	No
95	GOM_NL__2PRFIN20090516_112919_000000492079_00066_37695_5427.N1	16-MAY-2009 11:29:19	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	37695	No
96	GOM_NL__2PRFIN20090516_113228_000000432079_00066_37695_5428.N1	16-MAY-2009 11:32:28	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37695	No
97	GOM_NL__2PRFIN20090516_113852_000000432079_00066_37695_5429.N1	16-MAY-2009 11:38:52	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37695	No
98	GOM_NL__2PRFIN20090516_114952_000000412079_00066_37695_5430.N1	16-MAY-2009 11:49:52	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37695	No
99	GOM_NL__2PRFIN20090516_120048_000000442079_00066_37695_5431.N1	16-MAY-2009 12:00:48	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37695	No
100	GOM_NL__2PRFIN20090516_121445_000000682079_00066_37695_5432.N1	16-MAY-2009 12:14:45	Twilight	68.000	93	53Bet Peg	2.5200	3100.0	136	37695	No
101	GOM_NL__2PRFIN20090516_121930_000000532079_00066_37695_5433.N1	16-MAY-2009 12:19:30	Dark	53.000	90	54Alp Peg	2.4870	11000.	106	37695	No

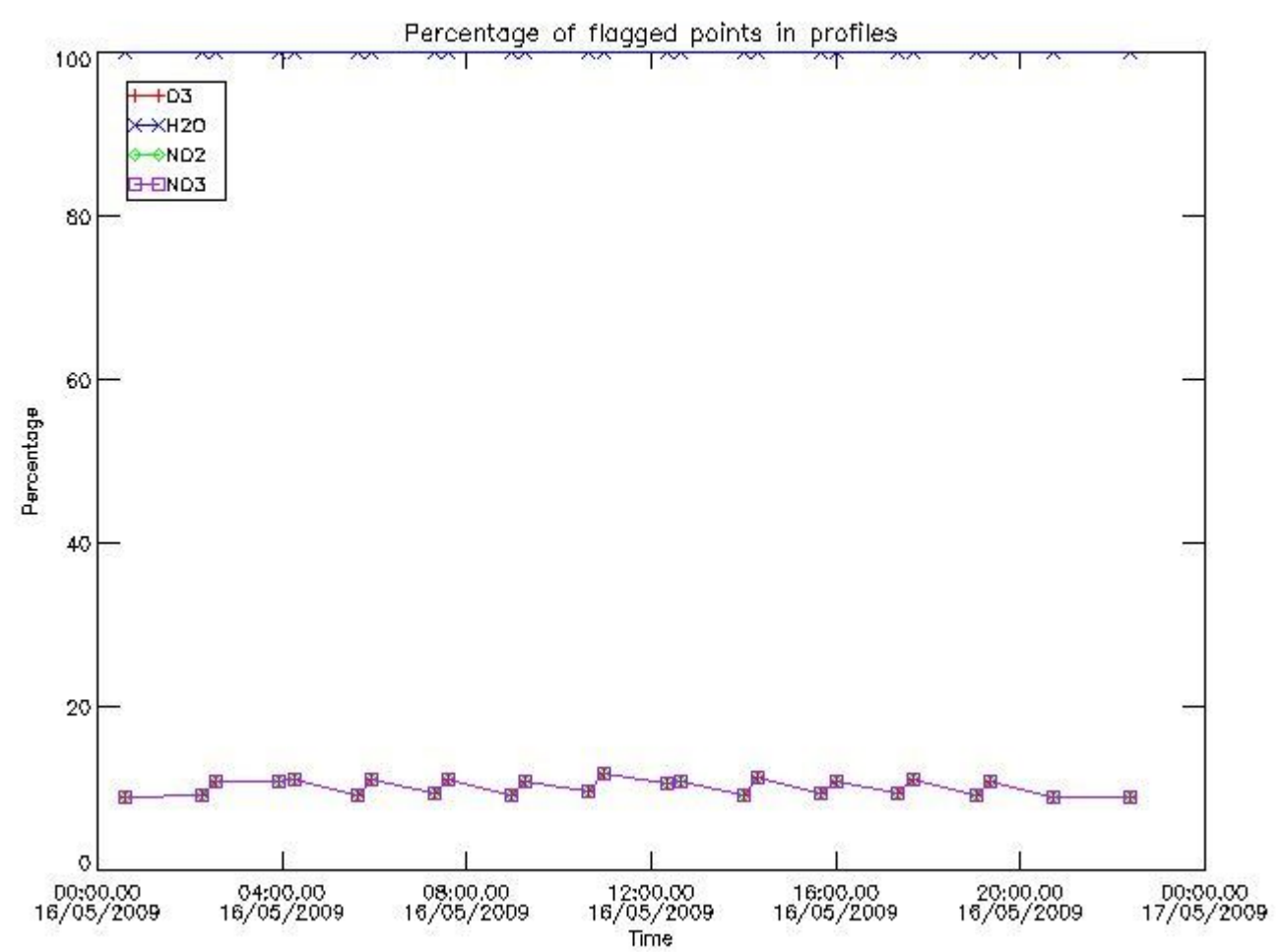
102	GOM_NL__2PRFIN20090516_123820_000000472079_00066_37695_5434.N1	16-MAY-2009 12:38:20	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37695	No
103	GOM_NL__2PRFIN20090516_125417_000000512079_00067_37696_5435.N1	16-MAY-2009 12:54:17	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37696	No
104	GOM_NL__2PRFIN20090516_125609_000000522079_00067_37696_5436.N1	16-MAY-2009 12:56:09	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	37696	No
105	GOM_NL__2PRFIN20090516_125828_000000532079_00067_37696_5437.N1	16-MAY-2009 12:58:28	Tw_i_and_stray	52.500	75	26Eps Sco	2.2910	4250.0	105	37696	No
106	GOM_NL__2PRFIN20090516_130132_000000622079_00067_37696_5438.N1	16-MAY-2009 13:01:32	Tw_i_and_stray	62.000	16	21Alp Sco	1.0200	3000.0	124	37696	No
107	GOM_NL__2PRFIN20090516_130408_000000452079_00067_37696_5439.N1	16-MAY-2009 13:04:08	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	37696	No
108	GOM_NL__2PRFIN20090516_130725_000000512079_00067_37696_5440.N1	16-MAY-2009 13:07:25	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	37696	No
109	GOM_NL__2PRFIN20090516_130954_000000492079_00067_37696_5441.N1	16-MAY-2009 13:09:54	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37696	No
110	GOM_NL__2PRFIN20090516_131304_000000442079_00067_37696_5442.N1	16-MAY-2009 13:13:04	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37696	No
111	GOM_NL__2PRFIN20090516_131928_000000432079_00067_37696_5443.N1	16-MAY-2009 13:19:28	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37696	No
112	GOM_NL__2PRFIN20090516_133027_000000422079_00067_37696_5444.N1	16-MAY-2009 13:30:27	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37696	No
113	GOM_NL__2PRFIN20090516_134124_000000662079_00067_37696_5445.N1	16-MAY-2009 13:41:24	Bright	66.000	89	5Alp Cep	2.4510	8000.0	132	37696	No
114	GOM_NL__2PRFIN20090516_135521_000000632079_00067_37696_5446.N1	16-MAY-2009 13:55:21	Tw_i_and_stray	63.000	93	53Bet Peg	2.5200	3100.0	126	37696	No
115	GOM_NL__2PRFIN20090516_140006_000000562079_00067_37696_5447.N1	16-MAY-2009 14:00:06	Dark	55.500	90	54Alp Peg	2.4870	11000.	111	37696	No
116	GOM_NL__2PRFIN20090516_141857_000000452079_00067_37696_5448.N1	16-MAY-2009 14:18:57	Dark	45.000	172	Gam Gru	3.0030	13100.	90	37696	No
117	GOM_NL__2PRFIN20090516_143453_000000502079_00068_37697_5449.N1	16-MAY-2009 14:34:53	Straylight	49.500	40	The Sco	1.8590	7100.0	99	37697	No
118	GOM_NL__2PRFIN20090516_143645_000000552079_00068_37697_5450.N1	16-MAY-2009 14:36:45	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	37697	No
119	GOM_NL__2PRFIN20090516_143904_000000532079_00068_37697_5451.N1	16-MAY-2009 14:39:04	Tw_i_and_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	37697	No
120	GOM_NL__2PRFIN20090516_144209_000000562079_00068_37697_5452.N1	16-MAY-2009 14:42:09	Tw_i_and_stray	55.500	16	21Alp Sco	1.0200	3000.0	111	37697	No
121	GOM_NL__2PRFIN20090516_144444_000000462079_00068_37697_5453.N1	16-MAY-2009 14:44:44	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37697	No
122	GOM_NL__2PRFIN20090516_144800_000000532079_00068_37697_5454.N1	16-MAY-2009 14:48:00	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	37697	No
123	GOM_NL__2PRFIN20090516_145030_000000492079_00068_37697_5455.N1	16-MAY-2009 14:50:30	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37697	No
124	GOM_NL__2PRFIN20090516_145340_000000432079_00068_37697_5456.N1	16-MAY-2009 14:53:40	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37697	No
125	GOM_NL__2PRFIN20090516_150003_000000412079_00068_37697_5457.N1	16-MAY-2009 15:00:03	Bright	41.000	67	5Alp CrB	2.2210	11000.	82	37697	No
126	GOM_NL__2PRFIN20090516_151103_000000412079_00068_37697_5458.N1	16-MAY-2009 15:11:03	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37697	No
127	GOM_NL__2PRFIN20090516_152159_000000442079_00068_37697_5459.N1	16-MAY-2009 15:21:59	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37697	No
128	GOM_NL__2PRFIN20090516_153557_000000592079_00068_37697_5460.N1	16-MAY-2009 15:35:57	Tw_i_and_stray	58.500	93	53Bet Peg	2.5200	3100.0	117	37697	No
129	GOM_NL__2PRFIN20090516_154043_000000542079_00068_37697_5461.N1	16-MAY-2009 15:40:43	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	37697	No
130	GOM_NL__2PRFIN20090516_155934_000000472079_00068_37697_5462.N1	16-MAY-2009 15:59:34	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37697	No
131	GOM_NL__2PRFIN20090516_161530_000000522079_00069_37698_5464.N1	16-MAY-2009 16:15:30	Straylight	52.000	40	The Sco	1.8590	7100.0	104	37698	No
132	GOM_NL__2PRFIN20090516_161722_000000552079_00069_37698_5465.N1	16-MAY-2009 16:17:22	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	37698	No
133	GOM_NL__2PRFIN20090516_161941_000000512079_00069_37698_5466.N1	16-MAY-2009 16:19:41	Tw_i_and_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	37698	No
134	GOM_NL__2PRFIN20090516_162245_000000612079_00069_37698_5467.N1	16-MAY-2009 16:22:45	Tw_i_and_stray	60.500	16	21Alp Sco	1.0200	3000.0	121	37698	No
135	GOM_NL__2PRFIN20090516_162520_000000442079_00069_37698_5468.N1	16-MAY-2009 16:25:20	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37698	No
136	GOM_NL__2PRFIN20090516_162836_000000522079_00069_37698_5469.N1	16-MAY-2009 16:28:36	Bright	51.500	98	13Zet Oph	2.5710	30000.	103	37698	No
137	GOM_NL__2PRFIN20090516_163106_000000492079_00069_37698_5470.N1	16-MAY-2009 16:31:06	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37698	No
138	GOM_NL__2PRFIN20090516_163416_000000432079_00069_37698_5471.N1	16-MAY-2009 16:34:16	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37698	No
139	GOM_NL__2PRFIN20090516_164039_000000442079_00069_37698_5472.N1	16-MAY-2009 16:40:39	Bright	44.000	67	5Alp CrB	2.2210	11000.	88	37698	No
140	GOM_NL__2PRFIN20090516_165138_000000422079_00069_37698_5473.N1	16-MAY-2009 16:51:38	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37698	No
141	GOM_NL__2PRFIN20090516_170235_000000502079_00069_37698_5474.N1	16-MAY-2009 17:02:35	Bright	49.500	89	5Alp Cep	2.4510	8000.0	99	37698	No
142	GOM_NL__2PRFIN20090516_171600_000000572079_00069_37698_5475.N1	16-MAY-2009 17:16:00	Tw_i_and_stray	57.000	164	44Eta Peg	2.9480	5400.0	114	37698	No
143	GOM_NL__2PRFIN20090516_172119_000000542079_00069_37698_5476.N1	16-MAY-2009 17:21:19	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	37698	No
144	GOM_NL__2PRFIN20090516_174011_000000462079_00069_37698_5477.N1	16-MAY-2009 17:40:11	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37698	No
145	GOM_NL__2PRFIN20090516_175606_000000542079_00070_37699_5481.N1	16-MAY-2009 17:56:06	Straylight	53.500	40	The Sco	1.8590	7100.0	107	37699	No
146	GOM_NL__2PRFIN20090516_175759_000000522079_00070_37699_5482.N1	16-MAY-2009 17:57:59	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37699	No
147	GOM_NL__2PRFIN20090516_180017_000000522079_00070_37699_5483.N1	16-MAY-2009 18:00:17	Tw_i_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	37699	No
148	GOM_NL__2PRFIN20090516_180321_000000562079_00070_37699_5484.N1	16-MAY-2009 18:03:21	Tw_i_and_stray	55.500	16	21Alp Sco	1.0200	3000.0	111	37699	No
149	GOM_NL__2PRFIN20090516_180556_000000462079_00070_37699_5485.N1	16-MAY-2009 18:05:56	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37699	No
150	GOM_NL__2PRFIN20090516_180912_000000532079_00070_37699_5486.N1	16-MAY-2009 18:09:12	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	37699	No
151	GOM_NL__2PRFIN20090516_181142_000000492079_00070_37699_5487.N1	16-MAY-2009 18:11:42	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37699	No
152	GOM_NL__2PRFIN20090516_181451_000000432079_00070_37699_5488.N1	16-MAY-2009 18:14:51	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37699	No
153	GOM_NL__2PRFIN20090516_182114_000000422079_00070_37699_5489.N1	16-MAY-2009 18:21:14	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	37699	No
154	GOM_NL__2PRFIN20090516_183214_000000432079_00070_37699_5490.N1	16-MAY-2009 18:32:14	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37699	No
155	GOM_NL__2PRFIN20090516_184311_000000662079_00070_37699_5491.N1	16-MAY-2009 18:43:11	Bright	66.000	89	5Alp Cep	2.4510	8000.0	132	37699	No
156	GOM_NL__2PRFIN20090516_185636_000000612079_00070_37699_5492.N1	16-MAY-2009 18:56:36	Tw_i_and_stray	61.000	164	44Eta Peg	2.9480	5400.0	122	37699	No
157	GOM_NL__2PRFIN20090516_190156_000000552079_00070_37699_5493.N1	16-MAY-2009 19:01:56	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37699	No
158	GOM_NL__2PRFIN20090516_192048_000000472079_00070_37699_5494.N1	16-MAY-2009 19:20:48	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37699	No
159	GOM_NL__2PRFIN20090516_193643_000000502079_00071_37700_5498.N1	16-MAY-2009 19:36:43	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37700	No
160	GOM_NL__2PRFIN20090516_193835_000000532079_00071_37700_5499.N1	16-MAY-2009 19:38:35	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37700	No

161	GOM_NL__2PRFIN20090516_194053_000000532079_00071_37700_5500.N1	16-MAY-2009 19:40:53	Twilight	53.000	75	26Eps Sco	2.2910	4250.0	106	37700	No
162	GOM_NL__2PRFIN20090516_194357_000000562079_00071_37700_5501.N1	16-MAY-2009 19:43:57	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	37700	No
163	GOM_NL__2PRFIN20090516_194632_000000472079_00071_37700_5502.N1	16-MAY-2009 19:46:32	Bright	47.000	97	8Bet1Sco	2.5610	30000.	94	37700	No
164	GOM_NL__2PRFIN20090516_194948_000000532079_00071_37700_5503.N1	16-MAY-2009 19:49:48	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	37700	No
165	GOM_NL__2PRFIN20090516_195217_000000492079_00071_37700_5504.N1	16-MAY-2009 19:52:17	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37700	No
166	GOM_NL__2PRFIN20090516_195527_000000432079_00071_37700_5505.N1	16-MAY-2009 19:55:27	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37700	No
167	GOM_NL__2PRFIN20090516_200150_000000432079_00071_37700_5506.N1	16-MAY-2009 20:01:50	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37700	No
168	GOM_NL__2PRFIN20090516_201249_000000412079_00071_37700_5507.N1	16-MAY-2009 20:12:49	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37700	No
169	GOM_NL__2PRFIN20090516_202346_000000432079_00071_37700_5508.N1	16-MAY-2009 20:23:46	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	37700	No
170	GOM_NL__2PRFIN20090516_203745_000000582079_00071_37700_5509.N1	16-MAY-2009 20:37:45	Twilight	57.500	93	53Bet Peg	2.5200	3100.0	115	37700	No
171	GOM_NL__2PRFIN20090516_204232_000000572079_00071_37700_5510.N1	16-MAY-2009 20:42:32	Dark	56.500	90	54Alp Peg	2.4870	11000.	113	37700	No
172	GOM_NL__2PRFIN20090516_211720_000000502079_00072_37701_5511.N1	16-MAY-2009 21:17:20	Straylight	49.500	40	The Sco	1.8590	7100.0	99	37701	No
173	GOM_NL__2PRFIN20090516_211912_000000542079_00072_37701_5512.N1	16-MAY-2009 21:19:12	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37701	No
174	GOM_NL__2PRFIN20090516_212130_000000512079_00072_37701_5513.N1	16-MAY-2009 21:21:30	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	37701	No
175	GOM_NL__2PRFIN20090516_212433_000000652079_00072_37701_5514.N1	16-MAY-2009 21:24:33	Twilight	65.000	16	21Alp Sco	1.0200	3000.0	130	37701	No
176	GOM_NL__2PRFIN20090516_212708_000000452079_00072_37701_5515.N1	16-MAY-2009 21:27:08	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37701	No
177	GOM_NL__2PRFIN20090516_213024_000000522079_00072_37701_5516.N1	16-MAY-2009 21:30:24	Bright	51.500	98	13Zet Oph	2.5710	30000.	103	37701	No
178	GOM_NL__2PRFIN20090516_213253_000000492079_00072_37701_5517.N1	16-MAY-2009 21:32:53	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	37701	No
179	GOM_NL__2PRFIN20090516_213603_000000432079_00072_37701_5518.N1	16-MAY-2009 21:36:03	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37701	No
180	GOM_NL__2PRFIN20090516_214225_000000432079_00072_37701_5519.N1	16-MAY-2009 21:42:25	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37701	No
181	GOM_NL__2PRFIN20090516_215325_000000422079_00072_37701_5520.N1	16-MAY-2009 21:53:25	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37701	No
182	GOM_NL__2PRFIN20090516_220421_000000442079_00072_37701_5521.N1	16-MAY-2009 22:04:21	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37701	No
183	GOM_NL__2PRFIN20090516_221822_000000622079_00072_37701_5522.N1	16-MAY-2009 22:18:22	Twilight	62.000	93	53Bet Peg	2.5200	3100.0	124	37701	No
184	GOM_NL__2PRFIN20090516_222308_000000572079_00072_37701_5523.N1	16-MAY-2009 22:23:08	Dark	57.000	90	54Alp Peg	2.4870	11000.	114	37701	No
185	GOM_NL__2PRFIN20090516_225756_000000492079_00073_37702_5529.N1	16-MAY-2009 22:57:56	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37702	No
186	GOM_NL__2PRFIN20090516_225948_000000512079_00073_37702_5530.N1	16-MAY-2009 22:59:48	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37702	No
187	GOM_NL__2PRFIN20090516_230206_000000542079_00073_37702_5531.N1	16-MAY-2009 23:02:06	Twilight	54.000	75	26Eps Sco	2.2910	4250.0	108	37702	No
188	GOM_NL__2PRFIN20090516_230510_000000542079_00073_37702_5532.N1	16-MAY-2009 23:05:10	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	37702	No
189	GOM_NL__2PRFIN20090516_230744_000000442079_00073_37702_5533.N1	16-MAY-2009 23:07:44	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37702	No
190	GOM_NL__2PRFIN20090516_231100_000000532079_00073_37702_5534.N1	16-MAY-2009 23:11:00	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	37702	No
191	GOM_NL__2PRFIN20090516_231329_000000482079_00073_37702_5535.N1	16-MAY-2009 23:13:29	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	37702	No
192	GOM_NL__2PRFIN20090516_231638_000000432079_00073_37702_5536.N1	16-MAY-2009 23:16:38	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37702	No
193	GOM_NL__2PRFIN20090516_232300_000000442079_00073_37702_5537.N1	16-MAY-2009 23:23:00	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37702	No
194	GOM_NL__2PRFIN20090516_233400_000000422079_00073_37702_5538.N1	16-MAY-2009 23:34:00	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37702	No
195	GOM_NL__2PRFIN20090516_234457_000000432079_00073_37702_5539.N1	16-MAY-2009 23:44:57	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37702	No
196	GOM_NL__2PRFIN20090516_235858_000000592079_00073_37702_5540.N1	16-MAY-2009 23:58:58	Twilight	59.000	93	53Bet Peg	2.5200	3100.0	118	37702	No

3. Quality information per product

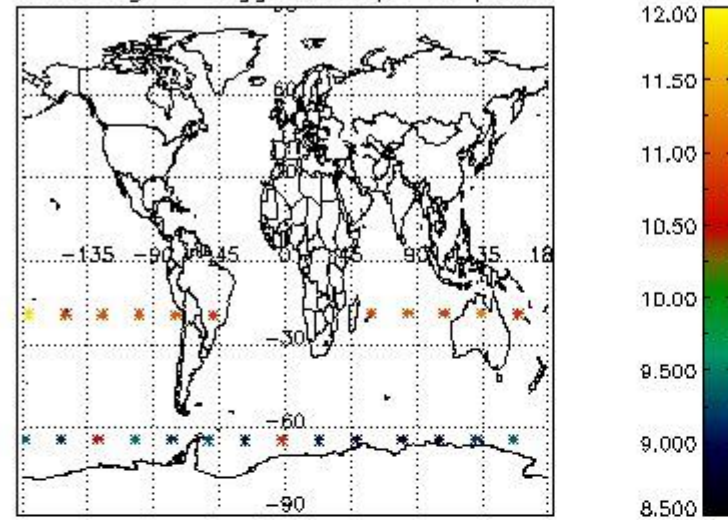
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

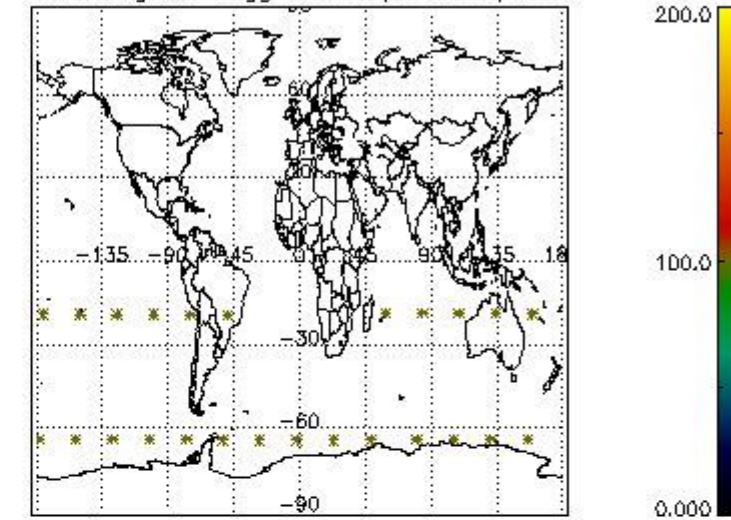


3.2 Plot quality information per product (world map)

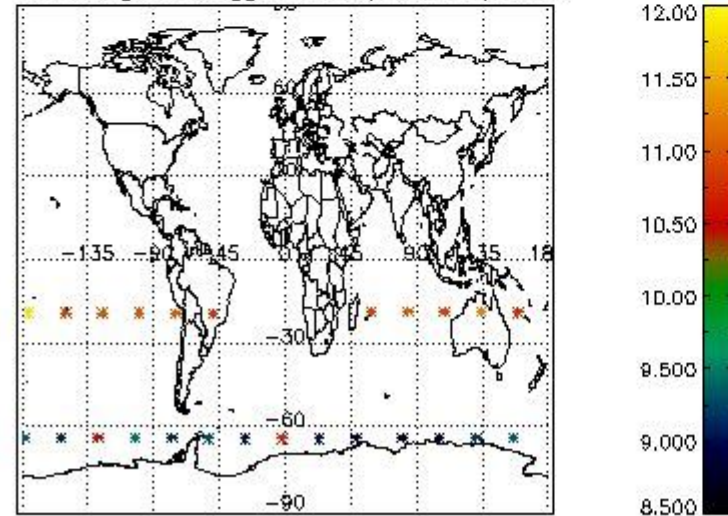
Percentage of flagged data per O3 profile



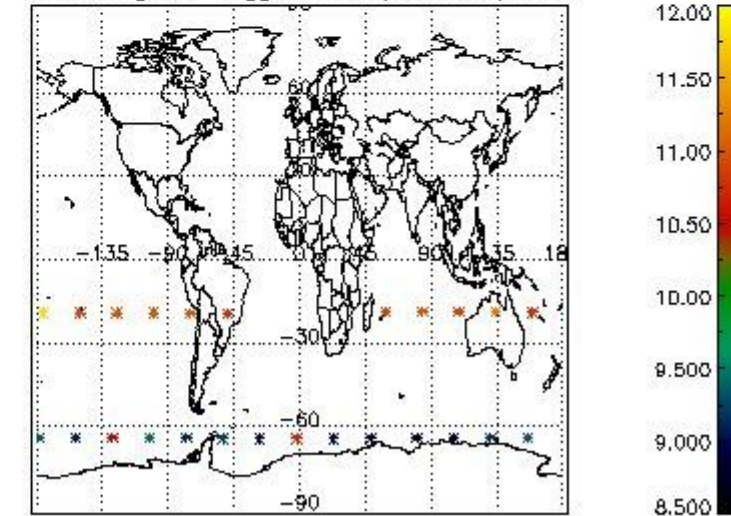
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

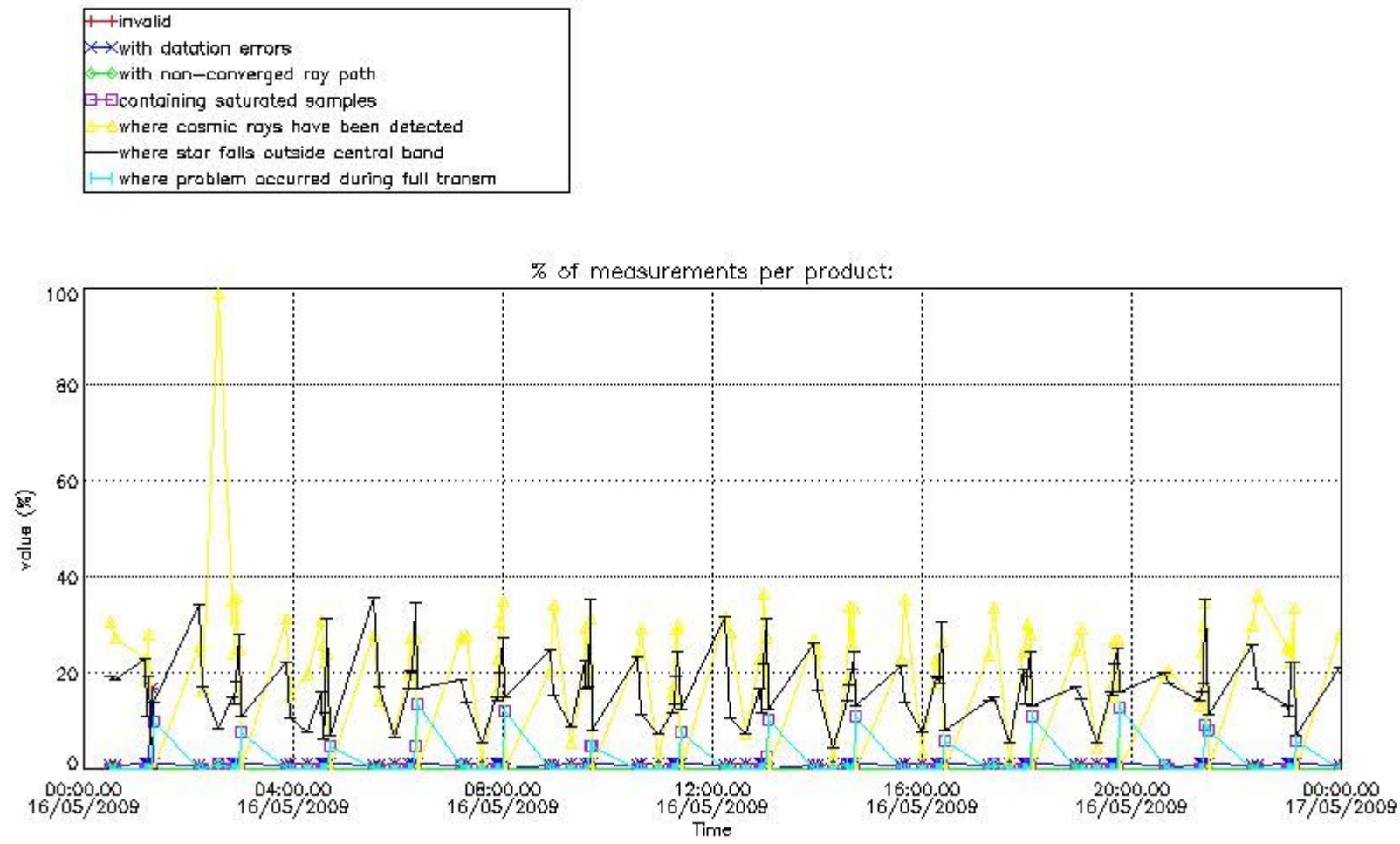


4. Level 1 quality information per product

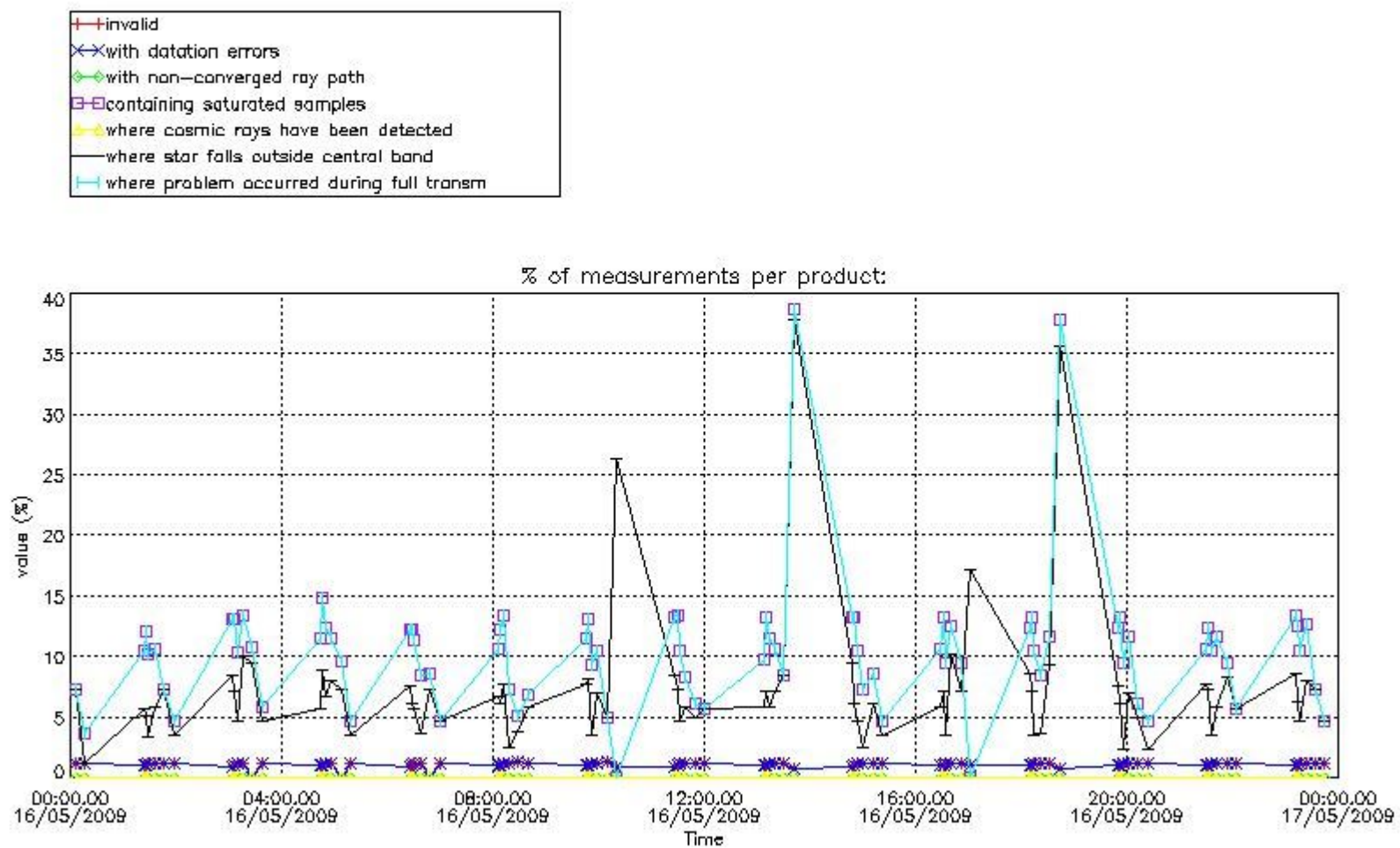
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

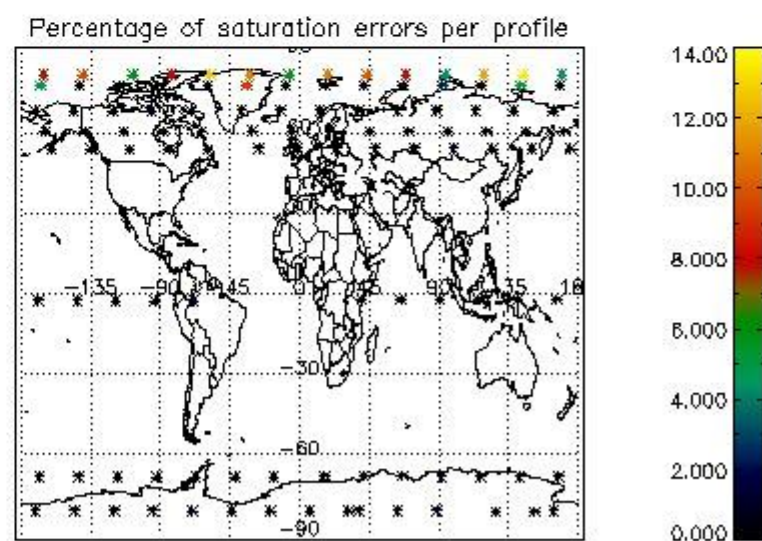
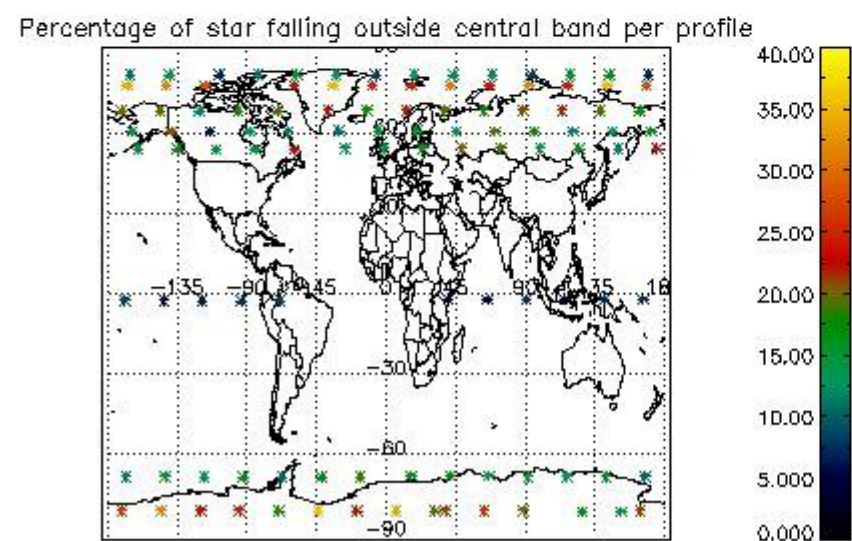
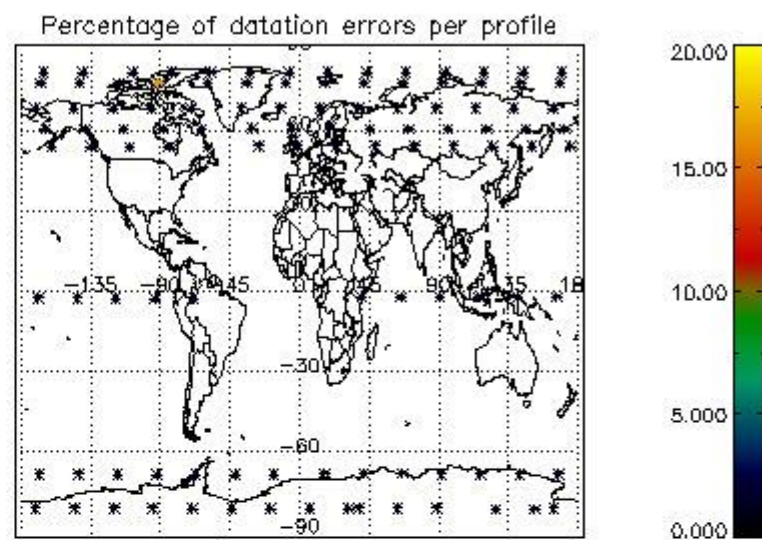
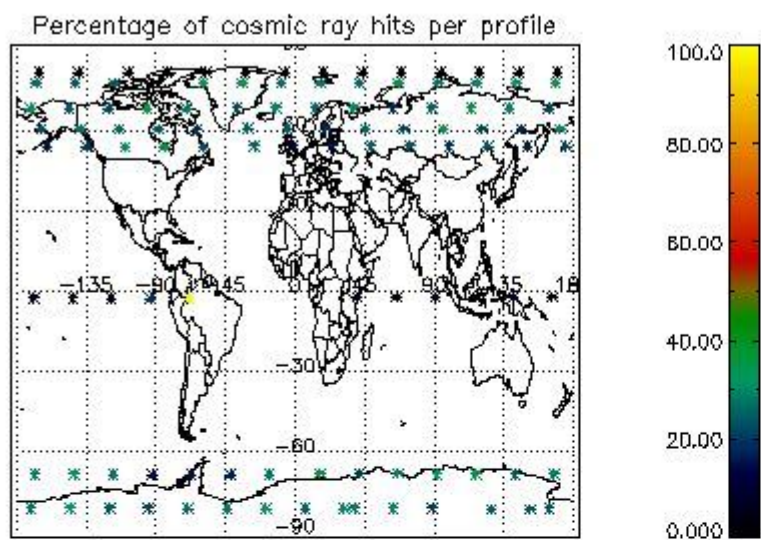


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

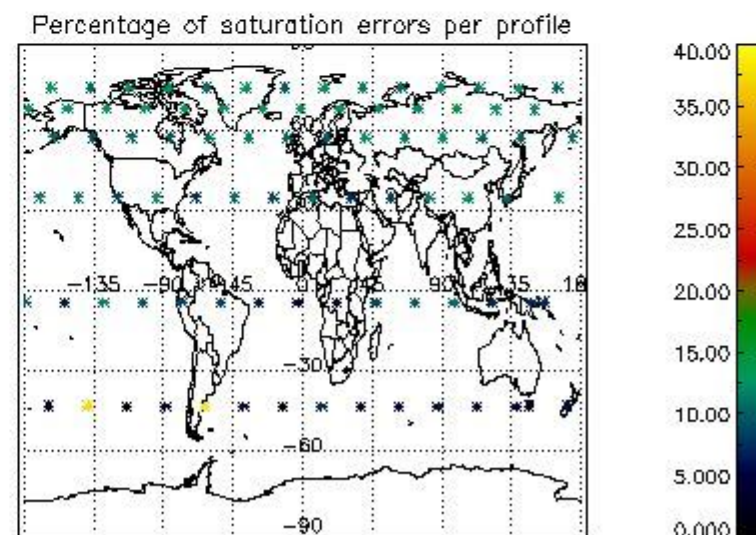
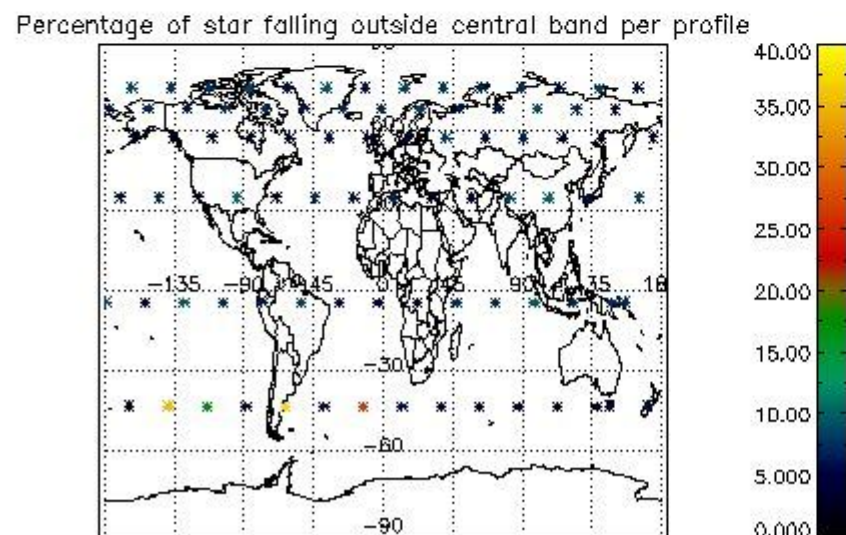
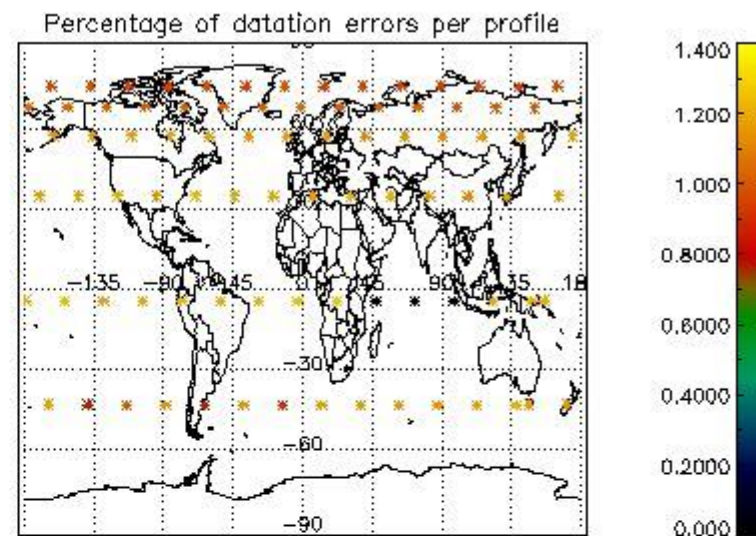
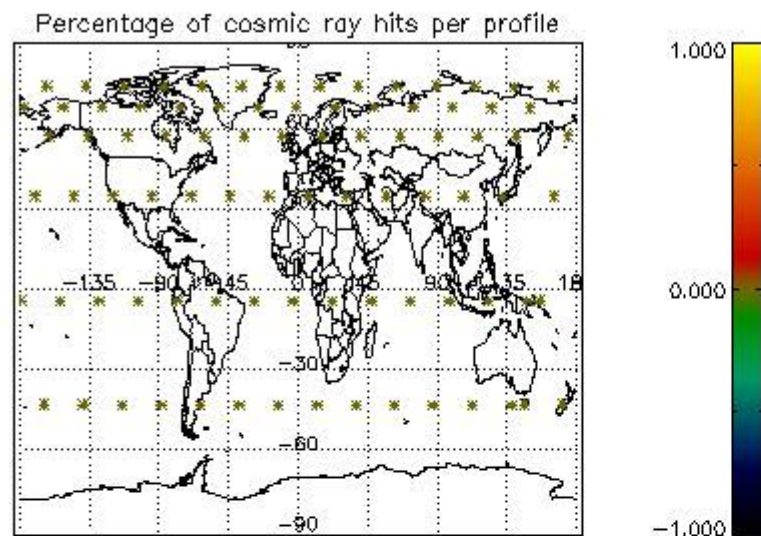


4.2 Plot quality information per product coming from level 1b processing (world map)

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

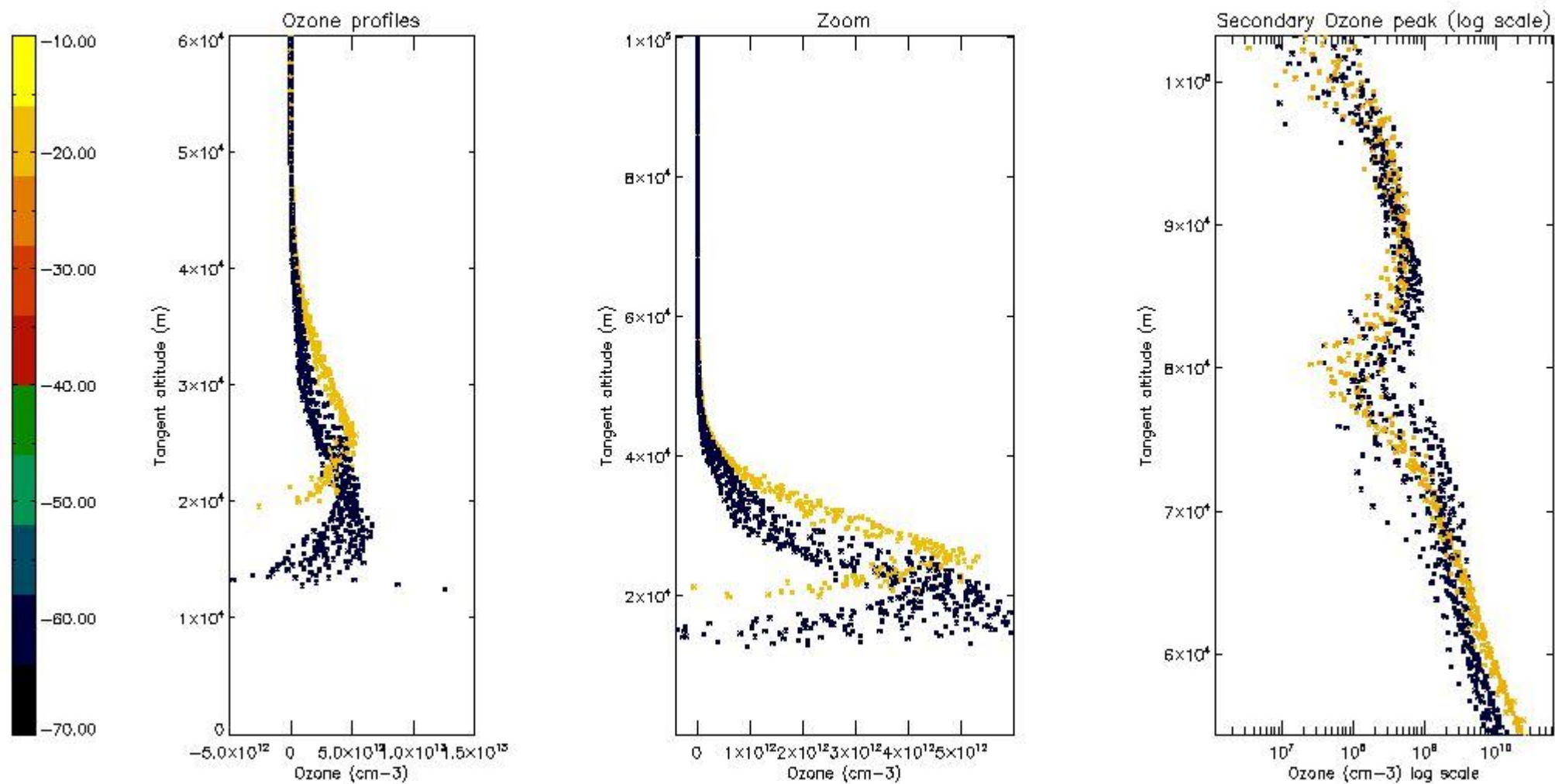
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	13
STD < 20	8

STD < 10	6
STD < 5	2

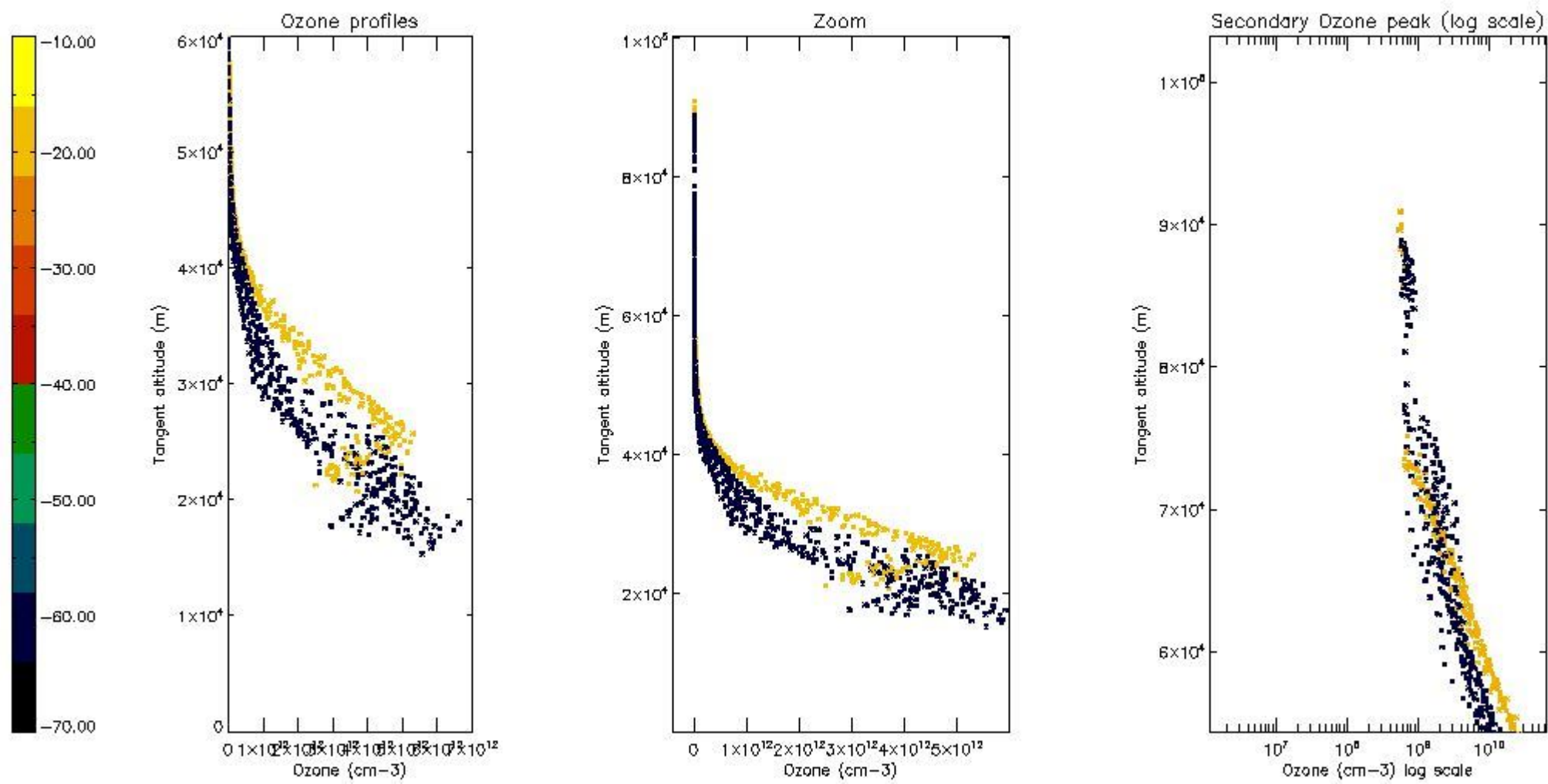
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



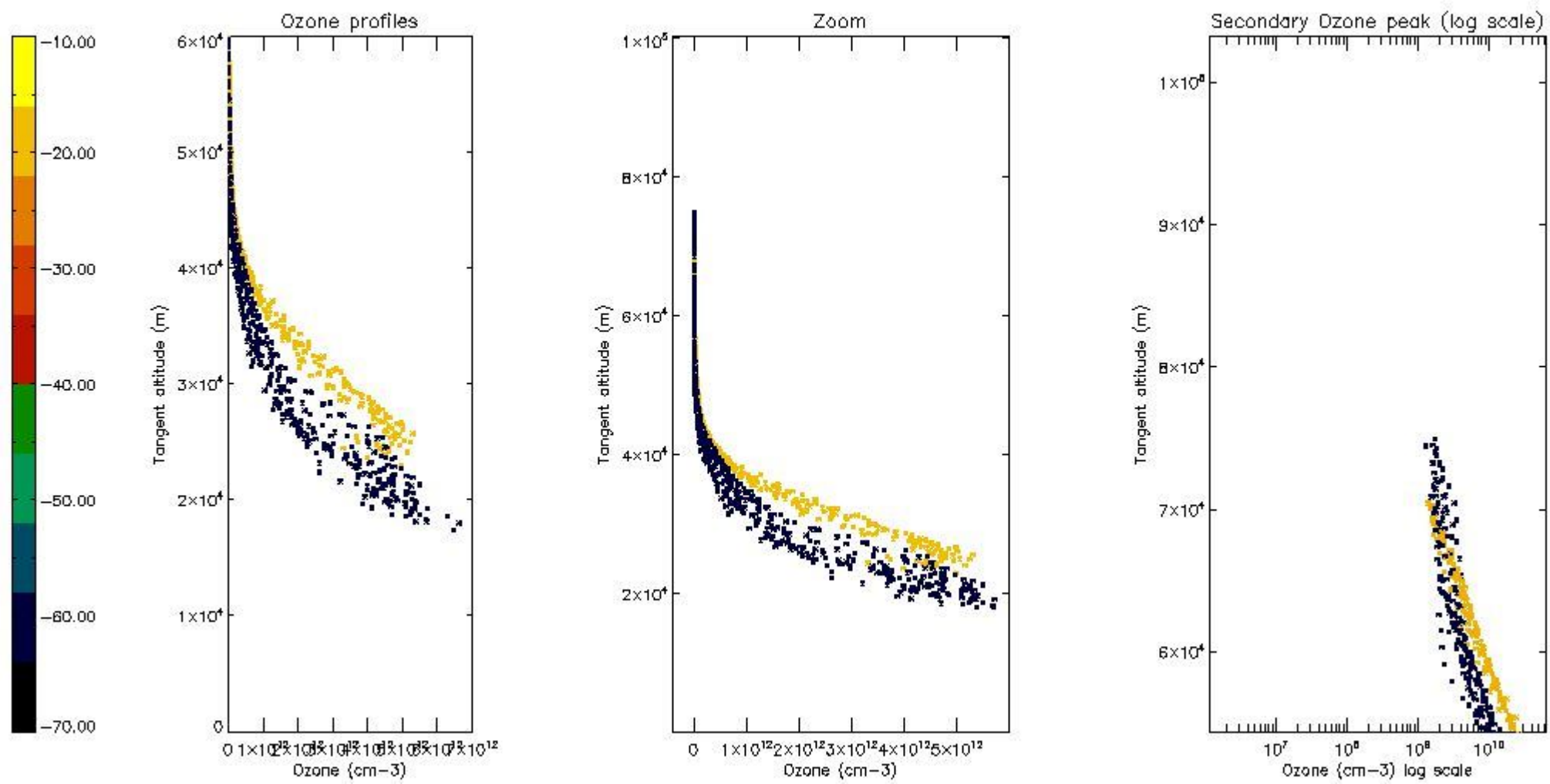
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



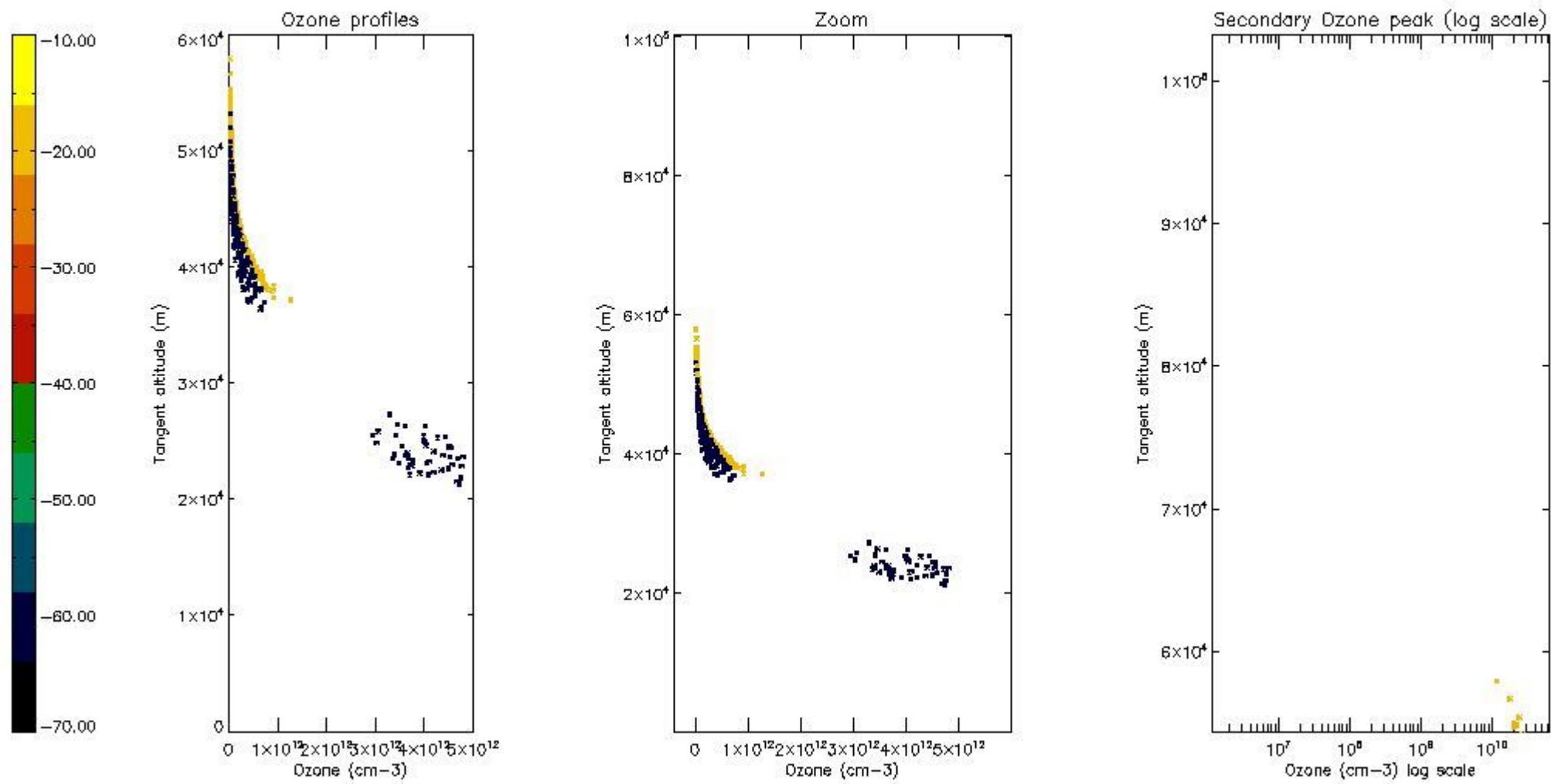
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



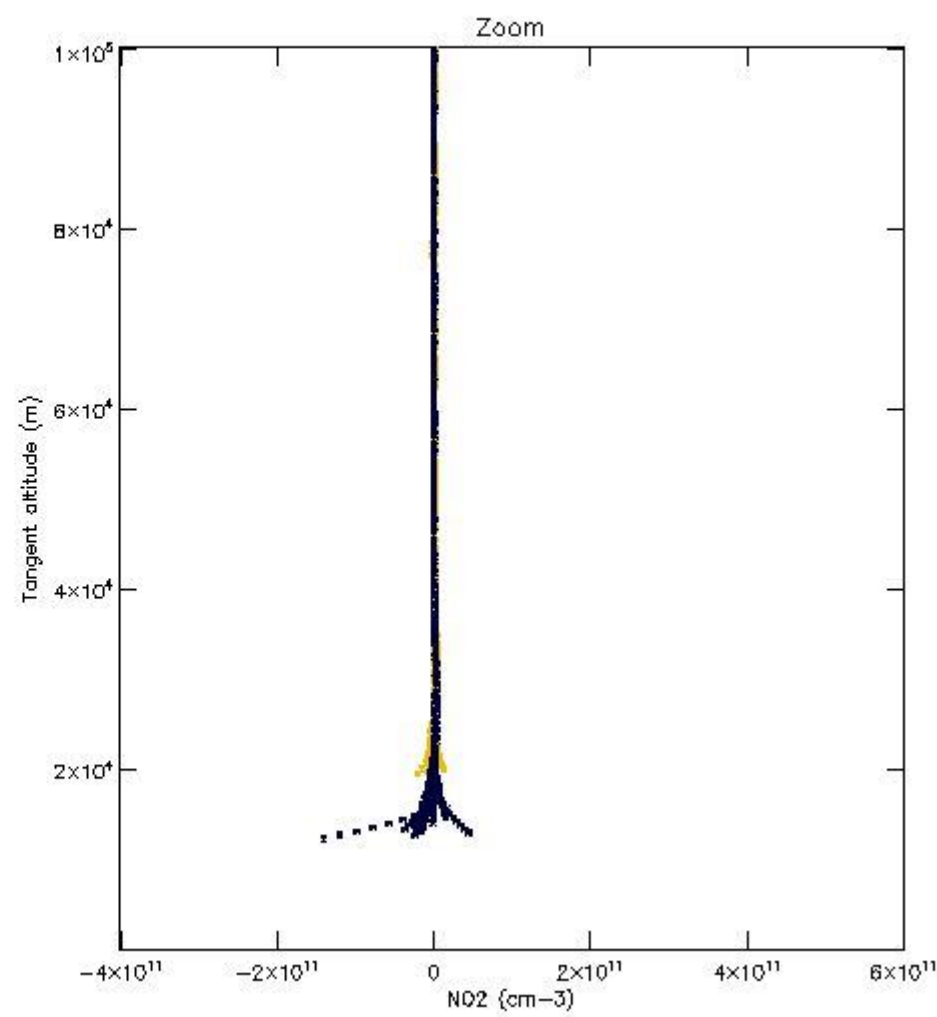
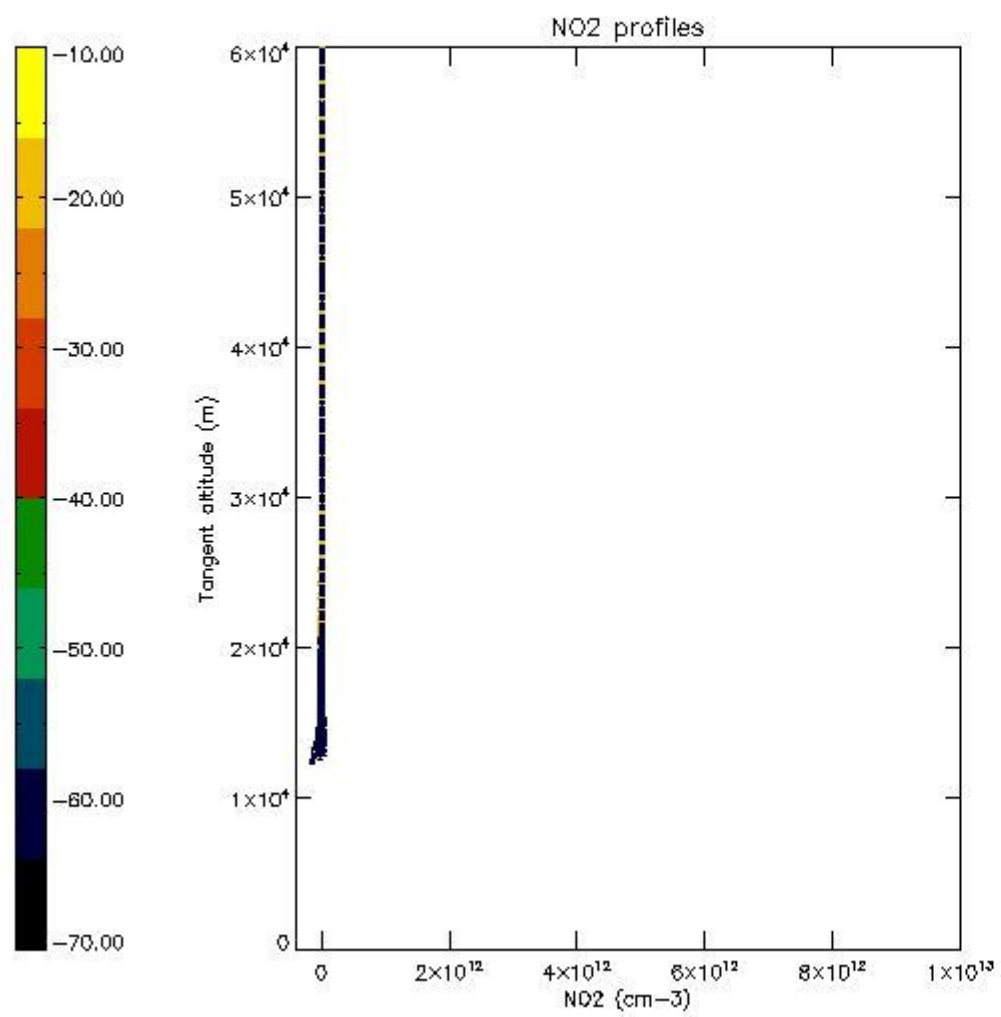
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



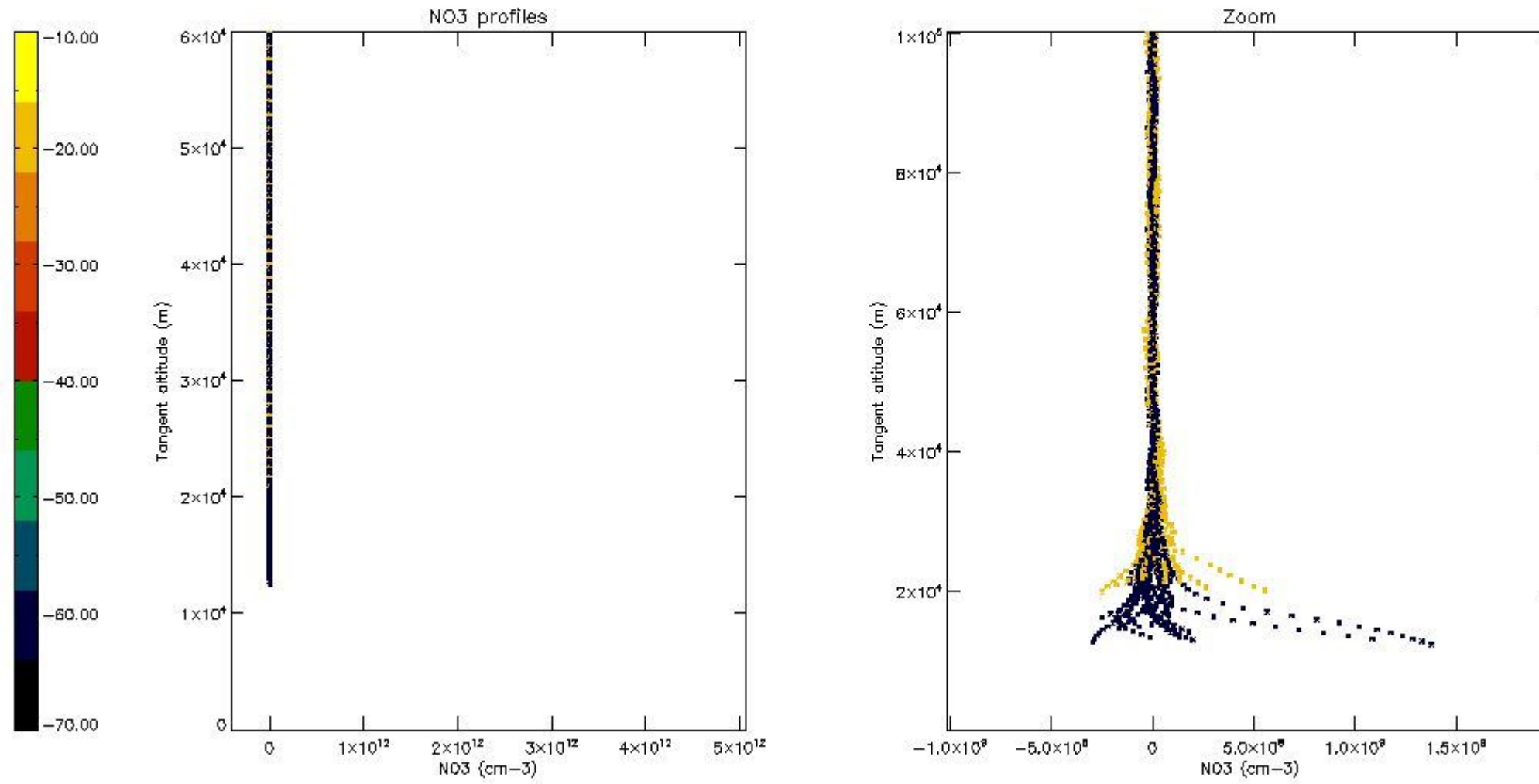
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	16-MAY-2009 00:05:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-MAY-2009 00:05:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-MAY-2009 00:05:44

GOMOS Level 2 Daily Report

SUMMARY

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

[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 09:32:05
Data source version	GOMOS/6.01
Start time of products	16-05-2009 (16MAY2009 00:00:00)
Stop time of products	17-05-2009 (17MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	196
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__2PRFIN20090516_000544_000000412079_00059_37688_5306.N1	16-MAY-2009 00:05:44	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37688	No
2	GOM_NL__2PRFIN20090516_001640_000000422079_00059_37688_5307.N1	16-MAY-2009 00:16:40	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	37688	No
3	GOM_NL__2PRFIN20090516_003031_000000572079_00059_37688_5308.N1	16-MAY-2009 00:30:31	Twilight	57.000	93	53Bet Peg	2.5200	3100.0	114	37688	No
4	GOM_NL__2PRFIN20090516_003515_000000572079_00059_37688_5309.N1	16-MAY-2009 00:35:15	Dark	56.500	90	54Alp Peg	2.4870	11000.	113	37688	No
5	GOM_NL__2PRFIN20090516_011001_000000552079_00060_37689_5313.N1	16-MAY-2009 01:10:01	Straylight	55.000	40	The Sco	1.8590	7100.0	110	37689	No
6	GOM_NL__2PRFIN20090516_011153_000000512079_00060_37689_5314.N1	16-MAY-2009 01:11:53	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37689	No
7	GOM_NL__2PRFIN20090516_011413_000000522079_00060_37689_5315.N1	16-MAY-2009 01:14:13	Twilight	52.000	75	26Eps Sco	2.2910	4250.0	104	37689	No
8	GOM_NL__2PRFIN20090516_011718_00000032079_00060_37689_5316.N1	16-MAY-2009 01:17:18	Straylight	3.0000	16	21Alp Sco	1.0200	3000.0	6	37689	No
9	GOM_NL__2PRFIN20090516_011955_000000472079_00060_37689_5317.N1	16-MAY-2009 01:19:55	Bright	46.500	97	8Bet1Sco	2.5610	30000.	93	37689	No
10	GOM_NL__2PRFIN20090516_012313_000000532079_00060_37689_5318.N1	16-MAY-2009 01:23:13	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	37689	No
11	GOM_NL__2PRFIN20090516_012544_000000502079_00060_37689_5319.N1	16-MAY-2009 01:25:44	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	37689	No
12	GOM_NL__2PRFIN20090516_012854_000000442079_00060_37689_5320.N1	16-MAY-2009 01:28:54	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37689	No
13	GOM_NL__2PRFIN20090516_013520_000000432079_00060_37689_5321.N1	16-MAY-2009 01:35:20	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37689	No
14	GOM_NL__2PRFIN20090516_014619_000000422079_00060_37689_5322.N1	16-MAY-2009 01:46:19	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37689	No
15	GOM_NL__2PRFIN20090516_015716_000000432079_00060_37689_5323.N1	16-MAY-2009 01:57:16	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37689	No
16	GOM_NL__2PRFIN20090516_021108_000000692079_00060_37689_5324.N1	16-MAY-2009 02:11:08	Twilight	69.000	93	53Bet Peg	2.5200	3100.0	138	37689	No
17	GOM_NL__2PRFIN20090516_021551_000000562079_00060_37689_5325.N1	16-MAY-2009 02:15:51	Dark	55.500	90	54Alp Peg	2.4870	11000.	111	37689	No
18	GOM_NL__2PRFIN20090516_023438_000000472079_00060_37689_5326.N1	16-MAY-2009 02:34:38	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37689	No
19	GOM_NL__2PRFIN20090516_025037_000000502079_00061_37690_5328.N1	16-MAY-2009 02:50:37	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37690	No
20	GOM_NL__2PRFIN20090516_025229_000000522079_00061_37690_5329.N1	16-MAY-2009 02:52:29	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37690	No
21	GOM_NL__2PRFIN20090516_025449_000000522079_00061_37690_5330.N1	16-MAY-2009 02:54:49	Twilight	52.000	75	26Eps Sco	2.2910	4250.0	104	37690	No
22	GOM_NL__2PRFIN20090516_025755_000000592079_00061_37690_5331.N1	16-MAY-2009 02:57:55	Twilight	59.000	16	21Alp Sco	1.0200	3000.0	118	37690	No
23	GOM_NL__2PRFIN20090516_030031_000000462079_00061_37690_5332.N1	16-MAY-2009 03:00:31	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	37690	No
24	GOM_NL__2PRFIN20090516_030350_000000542079_00061_37690_5333.N1	16-MAY-2009 03:03:50	Bright	53.500	98	13Zet Oph	2.5710	30000.	107	37690	No
25	GOM_NL__2PRFIN20090516_030620_000000502079_00061_37690_5334.N1	16-MAY-2009 03:06:20	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	37690	No
26	GOM_NL__2PRFIN20090516_030930_000000442079_00061_37690_5335.N1	16-MAY-2009 03:09:30	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37690	No
27	GOM_NL__2PRFIN20090516_031555_000000452079_00061_37690_5336.N1	16-MAY-2009 03:15:55	Bright	45.000	67	5Alp CrB	2.2210	11000.	90	37690	No
28	GOM_NL__2PRFIN20090516_032655_000000422079_00061_37690_5337.N1	16-MAY-2009 03:26:55	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37690	No
29	GOM_NL__2PRFIN20090516_033751_000000442079_00061_37690_5338.N1	16-MAY-2009 03:37:51	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37690	No
30	GOM_NL__2PRFIN20090516_035144_000000592079_00061_37690_5339.N1	16-MAY-2009 03:51:44	Twilight	59.000	93	53Bet Peg	2.5200	3100.0	118	37690	No
31	GOM_NL__2PRFIN20090516_035627_000000522079_00061_37690_5340.N1	16-MAY-2009 03:56:27	Dark	52.000	90	54Alp Peg	2.4870	11000.	104	37690	No
32	GOM_NL__2PRFIN20090516_041515_000000462079_00061_37690_5341.N1	16-MAY-2009 04:15:15	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37690	No
33	GOM_NL__2PRFIN20090516_043114_000000502079_00062_37691_5342.N1	16-MAY-2009 04:31:14	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37691	No
34	GOM_NL__2PRFIN20090516_043306_000000492079_00062_37691_5343.N1	16-MAY-2009 04:33:06	Straylight	48.500	25	35Lam Sco	1.6200	28000.	97	37691	No
35	GOM_NL__2PRFIN20090516_043526_000000482079_00062_37691_5344.N1	16-MAY-2009 04:35:26	Twilight	47.500	75	26Eps Sco	2.2910	4250.0	95	37691	No
36	GOM_NL__2PRFIN20090516_043831_000000612079_00062_37691_5345.N1	16-MAY-2009 04:38:31	Twilight	60.500	16	21Alp Sco	1.0200	3000.0	121	37691	No
37	GOM_NL__2PRFIN20090516_044107_000000442079_00062_37691_5346.N1	16-MAY-2009 04:41:07	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37691	No
38	GOM_NL__2PRFIN20090516_044425_000000532079_00062_37691_5347.N1	16-MAY-2009 04:44:25	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	37691	No
39	GOM_NL__2PRFIN20090516_044656_000000512079_00062_37691_5348.N1	16-MAY-2009 04:46:56	Bright	50.500	120	1Del Oph	2.7340	3200.0	101	37691	No
40	GOM_NL__2PRFIN20090516_045006_000000452079_00062_37691_5349.N1	16-MAY-2009 04:50:06	Bright	44.500	102	24Alp Ser	2.6000	4250.0	89	37691	No
41	GOM_NL__2PRFIN20090516_045630_000000442079_00062_37691_5350.N1	16-MAY-2009 04:56:30	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37691	No
42	GOM_NL__2PRFIN20090516_050730_000000422079_00062_37691_5351.N1	16-MAY-2009 05:07:30	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37691	No

43	GOM_NL__2PRFIN20090516_051827_000000442079_00062_37691_5352.N1	16-MAY-2009 05:18:27	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37691	No
44	GOM_NL__2PRFIN20090516_053220_000000702079_00062_37691_5353.N1	16-MAY-2009 05:32:20	Twilight	70.000	93	53Bet Peg	2.5200	3100.0	140	37691	No
45	GOM_NL__2PRFIN20090516_053704_000000562079_00062_37691_5354.N1	16-MAY-2009 05:37:04	Dark	56.000	90	54Alp Peg	2.4870	11000.	112	37691	No
46	GOM_NL__2PRFIN20090516_055552_000000462079_00062_37691_5355.N1	16-MAY-2009 05:55:52	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37691	No
47	GOM_NL__2PRFIN20090516_061151_000000512079_00063_37692_5359.N1	16-MAY-2009 06:11:51	Straylight	51.000	40	The Sco	1.8590	7100.0	102	37692	No
48	GOM_NL__2PRFIN20090516_061342_000000572079_00063_37692_5360.N1	16-MAY-2009 06:13:42	Straylight	56.500	25	35Lam Sco	1.6200	28000.	113	37692	No
49	GOM_NL__2PRFIN20090516_061602_000000532079_00063_37692_5361.N1	16-MAY-2009 06:16:02	Twilight	52.500	75	26Eps Sco	2.2910	4250.0	105	37692	No
50	GOM_NL__2PRFIN20090516_061907_000000642079_00063_37692_5362.N1	16-MAY-2009 06:19:07	Twilight	64.000	16	21Alp Sco	1.0200	3000.0	128	37692	No
51	GOM_NL__2PRFIN20090516_062144_000000482079_00063_37692_5363.N1	16-MAY-2009 06:21:44	Bright	48.000	97	8Bet1Sco	2.5610	30000.	96	37692	No
52	GOM_NL__2PRFIN20090516_062501_000000532079_00063_37692_5364.N1	16-MAY-2009 06:25:01	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	37692	No
53	GOM_NL__2PRFIN20090516_062731_000000492079_00063_37692_5365.N1	16-MAY-2009 06:27:31	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37692	No
54	GOM_NL__2PRFIN20090516_063042_000000442079_00063_37692_5366.N1	16-MAY-2009 06:30:42	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37692	No
55	GOM_NL__2PRFIN20090516_063706_000000422079_00063_37692_5367.N1	16-MAY-2009 06:37:06	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	37692	No
56	GOM_NL__2PRFIN20090516_064806_000000412079_00063_37692_5368.N1	16-MAY-2009 06:48:06	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37692	No
57	GOM_NL__2PRFIN20090516_065902_000000442079_00063_37692_5369.N1	16-MAY-2009 06:59:02	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37692	No
58	GOM_NL__2PRFIN20090516_071256_000000572079_00063_37692_5370.N1	16-MAY-2009 07:12:56	Twilight	57.000	93	53Bet Peg	2.5200	3100.0	114	37692	No
59	GOM_NL__2PRFIN20090516_071740_000000552079_00063_37692_5371.N1	16-MAY-2009 07:17:40	Dark	54.500	90	54Alp Peg	2.4870	11000.	109	37692	No
60	GOM_NL__2PRFIN20090516_073629_000000462079_00063_37692_5372.N1	16-MAY-2009 07:36:29	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37692	No
61	GOM_NL__2PRFIN20090516_075227_000000502079_00064_37693_5373.N1	16-MAY-2009 07:52:27	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37693	No
62	GOM_NL__2PRFIN20090516_075419_000000532079_00064_37693_5374.N1	16-MAY-2009 07:54:19	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	37693	No
63	GOM_NL__2PRFIN20090516_075639_000000532079_00064_37693_5375.N1	16-MAY-2009 07:56:39	Twilight	52.500	75	26Eps Sco	2.2910	4250.0	105	37693	No
64	GOM_NL__2PRFIN20090516_075944_000000592079_00064_37693_5376.N1	16-MAY-2009 07:59:44	Twilight	58.500	16	21Alp Sco	1.0200	3000.0	117	37693	No
65	GOM_NL__2PRFIN20090516_080220_000000472079_00064_37693_5377.N1	16-MAY-2009 08:02:20	Bright	46.500	97	8Bet1Sco	2.5610	30000.	93	37693	No
66	GOM_NL__2PRFIN20090516_080537_000000522079_00064_37693_5378.N1	16-MAY-2009 08:05:37	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	37693	No
67	GOM_NL__2PRFIN20090516_080807_000000492079_00064_37693_5379.N1	16-MAY-2009 08:08:07	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37693	No
68	GOM_NL__2PRFIN20090516_081117_000000452079_00064_37693_5380.N1	16-MAY-2009 08:11:17	Bright	45.000	102	24Alp Ser	2.6000	4250.0	90	37693	No
69	GOM_NL__2PRFIN20090516_081741_000000412079_00064_37693_5381.N1	16-MAY-2009 08:17:41	Bright	41.000	67	5Alp CrB	2.2210	11000.	82	37693	No
70	GOM_NL__2PRFIN20090516_082841_000000402079_00064_37693_5382.N1	16-MAY-2009 08:28:41	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37693	No
71	GOM_NL__2PRFIN20090516_083938_000000442079_00064_37693_5383.N1	16-MAY-2009 08:39:38	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37693	No
72	GOM_NL__2PRFIN20090516_085333_000000612079_00064_37693_5384.N1	16-MAY-2009 08:53:33	Twilight	61.000	93	53Bet Peg	2.5200	3100.0	122	37693	No
73	GOM_NL__2PRFIN20090516_085817_000000562079_00064_37693_5385.N1	16-MAY-2009 08:58:17	Dark	55.500	90	54Alp Peg	2.4870	11000.	111	37693	No
74	GOM_NL__2PRFIN20090516_091706_000000472079_00064_37693_5386.N1	16-MAY-2009 09:17:06	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37693	No
75	GOM_NL__2PRFIN20090516_093304_000000542079_00065_37694_5407.N1	16-MAY-2009 09:33:04	Straylight	53.500	40	The Sco	1.8590	7100.0	107	37694	No
76	GOM_NL__2PRFIN20090516_093456_000000542079_00065_37694_5408.N1	16-MAY-2009 09:34:56	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	37694	No
77	GOM_NL__2PRFIN20090516_093715_000000502079_00065_37694_5409.N1	16-MAY-2009 09:37:15	Twilight	50.000	75	26Eps Sco	2.2910	4250.0	100	37694	No
78	GOM_NL__2PRFIN20090516_094020_000000642079_00065_37694_5410.N1	16-MAY-2009 09:40:20	Twilight	64.000	16	21Alp Sco	1.0200	3000.0	128	37694	No
79	GOM_NL__2PRFIN20090516_094256_000000442079_00065_37694_5411.N1	16-MAY-2009 09:42:56	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37694	No
80	GOM_NL__2PRFIN20090516_094613_000000522079_00065_37694_5412.N1	16-MAY-2009 09:46:13	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	37694	No
81	GOM_NL__2PRFIN20090516_094843_000000502079_00065_37694_5413.N1	16-MAY-2009 09:48:43	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	37694	No
82	GOM_NL__2PRFIN20090516_095153_000000432079_00065_37694_5414.N1	16-MAY-2009 09:51:53	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37694	No
83	GOM_NL__2PRFIN20090516_095817_000000432079_00065_37694_5415.N1	16-MAY-2009 09:58:17	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37694	No
84	GOM_NL__2PRFIN20090516_100916_000000402079_00065_37694_5416.N1	16-MAY-2009 10:09:16	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37694	No
85	GOM_NL__2PRFIN20090516_102013_000000552079_00065_37694_5417.N1	16-MAY-2009 10:20:13	Bright	55.000	89	5Alp Cep	2.4510	8000.0	110	37694	No
86	GOM_NL__2PRFIN20090516_103408_000000602079_00065_37694_5418.N1	16-MAY-2009 10:34:08	Twilight	60.000	93	53Bet Peg	2.5200	3100.0	120	37694	No
87	GOM_NL__2PRFIN20090516_103853_000000542079_00065_37694_5419.N1	16-MAY-2009 10:38:53	Dark	53.500	90	54Alp Peg	2.4870	11000.	107	37694	No
88	GOM_NL__2PRFIN20090516_105743_000000472079_00065_37694_5420.N1	16-MAY-2009 10:57:43	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37694	No
89	GOM_NL__2PRFIN20090516_111340_000000472079_00066_37695_5421.N1	16-MAY-2009 11:13:40	Straylight	47.000	40	The Sco	1.8590	7100.0	94	37695	No
90	GOM_NL__2PRFIN20090516_111532_000000522079_00066_37695_5422.N1	16-MAY-2009 11:15:32	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37695	No
91	GOM_NL__2PRFIN20090516_111751_000000522079_00066_37695_5423.N1	16-MAY-2009 11:17:51	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	37695	No
92	GOM_NL__2PRFIN20090516_112056_000000562079_00066_37695_5424.N1	16-MAY-2009 11:20:56	Twilight	55.500	16	21Alp Sco	1.0200	3000.0	111	37695	No
93	GOM_NL__2PRFIN20090516_112332_000000452079_00066_37695_5425.N1	16-MAY-2009 11:23:32	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	37695	No
94	GOM_NL__2PRFIN20090516_112649_000000532079_00066_37695_5426.N1	16-MAY-2009 11:26:49	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	37695	No
95	GOM_NL__2PRFIN20090516_112919_000000492079_00066_37695_5427.N1	16-MAY-2009 11:29:19	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	37695	No
96	GOM_NL__2PRFIN20090516_113228_000000432079_00066_37695_5428.N1	16-MAY-2009 11:32:28	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37695	No
97	GOM_NL__2PRFIN20090516_113852_000000432079_00066_37695_5429.N1	16-MAY-2009 11:38:52	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37695	No
98	GOM_NL__2PRFIN20090516_114952_000000412079_00066_37695_5430.N1	16-MAY-2009 11:49:52	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37695	No
99	GOM_NL__2PRFIN20090516_120048_000000442079_00066_37695_5431.N1	16-MAY-2009 12:00:48	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37695	No
100	GOM_NL__2PRFIN20090516_121445_000000682079_00066_37695_5432.N1	16-MAY-2009 12:14:45	Twilight	68.000	93	53Bet Peg	2.5200	3100.0	136	37695	No
101	GOM_NL__2PRFIN20090516_121930_000000532079_00066_37695_5433.N1	16-MAY-2009 12:19:30	Dark	53.000	90	54Alp Peg	2.4870	11000.	106	37695	No

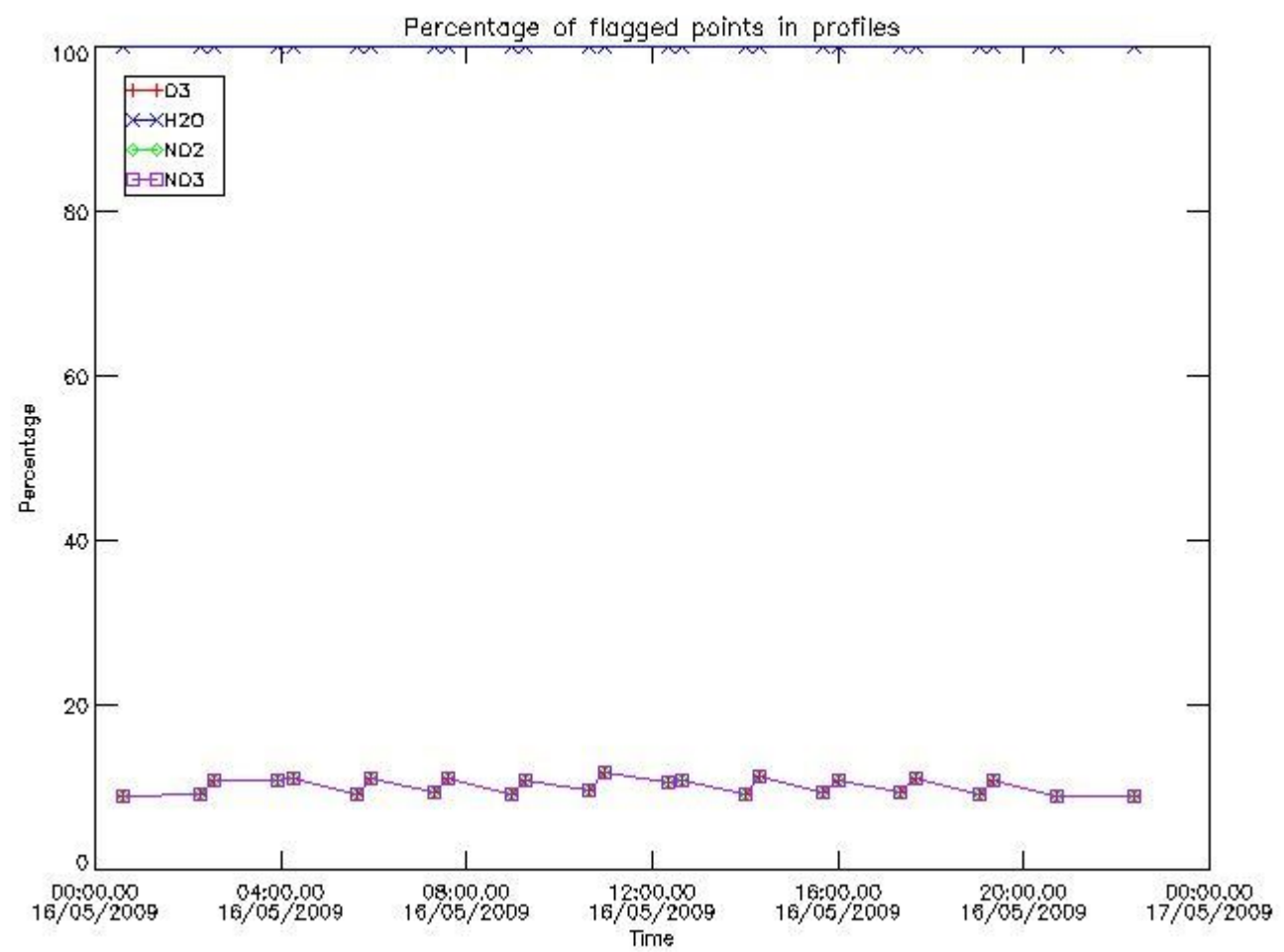
102	GOM_NL__2PRFIN20090516_123820_000000472079_00066_37695_5434.N1	16-MAY-2009 12:38:20	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37695	No
103	GOM_NL__2PRFIN20090516_125417_000000512079_00067_37696_5435.N1	16-MAY-2009 12:54:17	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37696	No
104	GOM_NL__2PRFIN20090516_125609_000000522079_00067_37696_5436.N1	16-MAY-2009 12:56:09	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	37696	No
105	GOM_NL__2PRFIN20090516_125828_000000532079_00067_37696_5437.N1	16-MAY-2009 12:58:28	Tw_i_and_stray	52.500	75	26Eps Sco	2.2910	4250.0	105	37696	No
106	GOM_NL__2PRFIN20090516_130132_000000622079_00067_37696_5438.N1	16-MAY-2009 13:01:32	Tw_i_and_stray	62.000	16	21Alp Sco	1.0200	3000.0	124	37696	No
107	GOM_NL__2PRFIN20090516_130408_000000452079_00067_37696_5439.N1	16-MAY-2009 13:04:08	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	37696	No
108	GOM_NL__2PRFIN20090516_130725_000000512079_00067_37696_5440.N1	16-MAY-2009 13:07:25	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	37696	No
109	GOM_NL__2PRFIN20090516_130954_000000492079_00067_37696_5441.N1	16-MAY-2009 13:09:54	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37696	No
110	GOM_NL__2PRFIN20090516_131304_000000442079_00067_37696_5442.N1	16-MAY-2009 13:13:04	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	37696	No
111	GOM_NL__2PRFIN20090516_131928_000000432079_00067_37696_5443.N1	16-MAY-2009 13:19:28	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37696	No
112	GOM_NL__2PRFIN20090516_133027_000000422079_00067_37696_5444.N1	16-MAY-2009 13:30:27	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37696	No
113	GOM_NL__2PRFIN20090516_134124_000000662079_00067_37696_5445.N1	16-MAY-2009 13:41:24	Bright	66.000	89	5Alp Cep	2.4510	8000.0	132	37696	No
114	GOM_NL__2PRFIN20090516_135521_000000632079_00067_37696_5446.N1	16-MAY-2009 13:55:21	Tw_i_and_stray	63.000	93	53Bet Peg	2.5200	3100.0	126	37696	No
115	GOM_NL__2PRFIN20090516_140006_000000562079_00067_37696_5447.N1	16-MAY-2009 14:00:06	Dark	55.500	90	54Alp Peg	2.4870	11000.	111	37696	No
116	GOM_NL__2PRFIN20090516_141857_000000452079_00067_37696_5448.N1	16-MAY-2009 14:18:57	Dark	45.000	172	Gam Gru	3.0030	13100.	90	37696	No
117	GOM_NL__2PRFIN20090516_143453_000000502079_00068_37697_5449.N1	16-MAY-2009 14:34:53	Straylight	49.500	40	The Sco	1.8590	7100.0	99	37697	No
118	GOM_NL__2PRFIN20090516_143645_000000552079_00068_37697_5450.N1	16-MAY-2009 14:36:45	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	37697	No
119	GOM_NL__2PRFIN20090516_143904_000000532079_00068_37697_5451.N1	16-MAY-2009 14:39:04	Tw_i_and_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	37697	No
120	GOM_NL__2PRFIN20090516_144209_000000562079_00068_37697_5452.N1	16-MAY-2009 14:42:09	Tw_i_and_stray	55.500	16	21Alp Sco	1.0200	3000.0	111	37697	No
121	GOM_NL__2PRFIN20090516_144444_000000462079_00068_37697_5453.N1	16-MAY-2009 14:44:44	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37697	No
122	GOM_NL__2PRFIN20090516_144800_000000532079_00068_37697_5454.N1	16-MAY-2009 14:48:00	Bright	53.000	98	13Zet Oph	2.5710	30000.	106	37697	No
123	GOM_NL__2PRFIN20090516_145030_000000492079_00068_37697_5455.N1	16-MAY-2009 14:50:30	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37697	No
124	GOM_NL__2PRFIN20090516_145340_000000432079_00068_37697_5456.N1	16-MAY-2009 14:53:40	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37697	No
125	GOM_NL__2PRFIN20090516_150003_000000412079_00068_37697_5457.N1	16-MAY-2009 15:00:03	Bright	41.000	67	5Alp CrB	2.2210	11000.	82	37697	No
126	GOM_NL__2PRFIN20090516_151103_000000412079_00068_37697_5458.N1	16-MAY-2009 15:11:03	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37697	No
127	GOM_NL__2PRFIN20090516_152159_000000442079_00068_37697_5459.N1	16-MAY-2009 15:21:59	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37697	No
128	GOM_NL__2PRFIN20090516_153557_000000592079_00068_37697_5460.N1	16-MAY-2009 15:35:57	Tw_i_and_stray	58.500	93	53Bet Peg	2.5200	3100.0	117	37697	No
129	GOM_NL__2PRFIN20090516_154043_000000542079_00068_37697_5461.N1	16-MAY-2009 15:40:43	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	37697	No
130	GOM_NL__2PRFIN20090516_155934_000000472079_00068_37697_5462.N1	16-MAY-2009 15:59:34	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37697	No
131	GOM_NL__2PRFIN20090516_161530_000000522079_00069_37698_5464.N1	16-MAY-2009 16:15:30	Straylight	52.000	40	The Sco	1.8590	7100.0	104	37698	No
132	GOM_NL__2PRFIN20090516_161722_000000552079_00069_37698_5465.N1	16-MAY-2009 16:17:22	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	37698	No
133	GOM_NL__2PRFIN20090516_161941_000000512079_00069_37698_5466.N1	16-MAY-2009 16:19:41	Tw_i_and_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	37698	No
134	GOM_NL__2PRFIN20090516_162245_000000612079_00069_37698_5467.N1	16-MAY-2009 16:22:45	Tw_i_and_stray	60.500	16	21Alp Sco	1.0200	3000.0	121	37698	No
135	GOM_NL__2PRFIN20090516_162520_000000442079_00069_37698_5468.N1	16-MAY-2009 16:25:20	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37698	No
136	GOM_NL__2PRFIN20090516_162836_000000522079_00069_37698_5469.N1	16-MAY-2009 16:28:36	Bright	51.500	98	13Zet Oph	2.5710	30000.	103	37698	No
137	GOM_NL__2PRFIN20090516_163106_000000492079_00069_37698_5470.N1	16-MAY-2009 16:31:06	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37698	No
138	GOM_NL__2PRFIN20090516_163416_000000432079_00069_37698_5471.N1	16-MAY-2009 16:34:16	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37698	No
139	GOM_NL__2PRFIN20090516_164039_000000442079_00069_37698_5472.N1	16-MAY-2009 16:40:39	Bright	44.000	67	5Alp CrB	2.2210	11000.	88	37698	No
140	GOM_NL__2PRFIN20090516_165138_000000422079_00069_37698_5473.N1	16-MAY-2009 16:51:38	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37698	No
141	GOM_NL__2PRFIN20090516_170235_000000502079_00069_37698_5474.N1	16-MAY-2009 17:02:35	Bright	49.500	89	5Alp Cep	2.4510	8000.0	99	37698	No
142	GOM_NL__2PRFIN20090516_171600_000000572079_00069_37698_5475.N1	16-MAY-2009 17:16:00	Tw_i_and_stray	57.000	164	44Eta Peg	2.9480	5400.0	114	37698	No
143	GOM_NL__2PRFIN20090516_172119_000000542079_00069_37698_5476.N1	16-MAY-2009 17:21:19	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	37698	No
144	GOM_NL__2PRFIN20090516_174011_000000462079_00069_37698_5477.N1	16-MAY-2009 17:40:11	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37698	No
145	GOM_NL__2PRFIN20090516_175606_000000542079_00070_37699_5481.N1	16-MAY-2009 17:56:06	Straylight	53.500	40	The Sco	1.8590	7100.0	107	37699	No
146	GOM_NL__2PRFIN20090516_175759_000000522079_00070_37699_5482.N1	16-MAY-2009 17:57:59	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37699	No
147	GOM_NL__2PRFIN20090516_180017_000000522079_00070_37699_5483.N1	16-MAY-2009 18:00:17	Tw_i_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	37699	No
148	GOM_NL__2PRFIN20090516_180321_000000562079_00070_37699_5484.N1	16-MAY-2009 18:03:21	Tw_i_and_stray	55.500	16	21Alp Sco	1.0200	3000.0	111	37699	No
149	GOM_NL__2PRFIN20090516_180556_000000462079_00070_37699_5485.N1	16-MAY-2009 18:05:56	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37699	No
150	GOM_NL__2PRFIN20090516_180912_000000532079_00070_37699_5486.N1	16-MAY-2009 18:09:12	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	37699	No
151	GOM_NL__2PRFIN20090516_181142_000000492079_00070_37699_5487.N1	16-MAY-2009 18:11:42	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37699	No
152	GOM_NL__2PRFIN20090516_181451_000000432079_00070_37699_5488.N1	16-MAY-2009 18:14:51	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37699	No
153	GOM_NL__2PRFIN20090516_182114_000000422079_00070_37699_5489.N1	16-MAY-2009 18:21:14	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	37699	No
154	GOM_NL__2PRFIN20090516_183214_000000432079_00070_37699_5490.N1	16-MAY-2009 18:32:14	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37699	No
155	GOM_NL__2PRFIN20090516_184311_000000662079_00070_37699_5491.N1	16-MAY-2009 18:43:11	Bright	66.000	89	5Alp Cep	2.4510	8000.0	132	37699	No
156	GOM_NL__2PRFIN20090516_185636_000000612079_00070_37699_5492.N1	16-MAY-2009 18:56:36	Tw_i_and_stray	61.000	164	44Eta Peg	2.9480	5400.0	122	37699	No
157	GOM_NL__2PRFIN20090516_190156_000000552079_00070_37699_5493.N1	16-MAY-2009 19:01:56	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37699	No
158	GOM_NL__2PRFIN20090516_192048_000000472079_00070_37699_5494.N1	16-MAY-2009 19:20:48	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37699	No
159	GOM_NL__2PRFIN20090516_193643_000000502079_00071_37700_5498.N1	16-MAY-2009 19:36:43	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37700	No
160	GOM_NL__2PRFIN20090516_193835_000000532079_00071_37700_5499.N1	16-MAY-2009 19:38:35	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37700	No

161	GOM_NL__2PRFIN20090516_194053_000000532079_00071_37700_5500.N1	16-MAY-2009 19:40:53	Twilight	53.000	75	26Eps Sco	2.2910	4250.0	106	37700	No
162	GOM_NL__2PRFIN20090516_194357_000000562079_00071_37700_5501.N1	16-MAY-2009 19:43:57	Twilight	56.000	16	21Alp Sco	1.0200	3000.0	112	37700	No
163	GOM_NL__2PRFIN20090516_194632_000000472079_00071_37700_5502.N1	16-MAY-2009 19:46:32	Bright	47.000	97	8Bet1Sco	2.5610	30000.	94	37700	No
164	GOM_NL__2PRFIN20090516_194948_000000532079_00071_37700_5503.N1	16-MAY-2009 19:49:48	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	37700	No
165	GOM_NL__2PRFIN20090516_195217_000000492079_00071_37700_5504.N1	16-MAY-2009 19:52:17	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37700	No
166	GOM_NL__2PRFIN20090516_195527_000000432079_00071_37700_5505.N1	16-MAY-2009 19:55:27	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37700	No
167	GOM_NL__2PRFIN20090516_200150_000000432079_00071_37700_5506.N1	16-MAY-2009 20:01:50	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37700	No
168	GOM_NL__2PRFIN20090516_201249_000000412079_00071_37700_5507.N1	16-MAY-2009 20:12:49	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37700	No
169	GOM_NL__2PRFIN20090516_202346_000000432079_00071_37700_5508.N1	16-MAY-2009 20:23:46	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	37700	No
170	GOM_NL__2PRFIN20090516_203745_000000582079_00071_37700_5509.N1	16-MAY-2009 20:37:45	Twilight	57.500	93	53Bet Peg	2.5200	3100.0	115	37700	No
171	GOM_NL__2PRFIN20090516_204232_000000572079_00071_37700_5510.N1	16-MAY-2009 20:42:32	Dark	56.500	90	54Alp Peg	2.4870	11000.	113	37700	No
172	GOM_NL__2PRFIN20090516_211720_000000502079_00072_37701_5511.N1	16-MAY-2009 21:17:20	Straylight	49.500	40	The Sco	1.8590	7100.0	99	37701	No
173	GOM_NL__2PRFIN20090516_211912_000000542079_00072_37701_5512.N1	16-MAY-2009 21:19:12	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37701	No
174	GOM_NL__2PRFIN20090516_212130_000000512079_00072_37701_5513.N1	16-MAY-2009 21:21:30	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	37701	No
175	GOM_NL__2PRFIN20090516_212433_000000652079_00072_37701_5514.N1	16-MAY-2009 21:24:33	Twilight	65.000	16	21Alp Sco	1.0200	3000.0	130	37701	No
176	GOM_NL__2PRFIN20090516_212708_000000452079_00072_37701_5515.N1	16-MAY-2009 21:27:08	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37701	No
177	GOM_NL__2PRFIN20090516_213024_000000522079_00072_37701_5516.N1	16-MAY-2009 21:30:24	Bright	51.500	98	13Zet Oph	2.5710	30000.	103	37701	No
178	GOM_NL__2PRFIN20090516_213253_000000492079_00072_37701_5517.N1	16-MAY-2009 21:32:53	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	37701	No
179	GOM_NL__2PRFIN20090516_213603_000000432079_00072_37701_5518.N1	16-MAY-2009 21:36:03	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37701	No
180	GOM_NL__2PRFIN20090516_214225_000000432079_00072_37701_5519.N1	16-MAY-2009 21:42:25	Bright	43.000	67	5Alp CrB	2.2210	11000.	86	37701	No
181	GOM_NL__2PRFIN20090516_215325_000000422079_00072_37701_5520.N1	16-MAY-2009 21:53:25	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37701	No
182	GOM_NL__2PRFIN20090516_220421_000000442079_00072_37701_5521.N1	16-MAY-2009 22:04:21	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37701	No
183	GOM_NL__2PRFIN20090516_221822_000000622079_00072_37701_5522.N1	16-MAY-2009 22:18:22	Twilight	62.000	93	53Bet Peg	2.5200	3100.0	124	37701	No
184	GOM_NL__2PRFIN20090516_222308_000000572079_00072_37701_5523.N1	16-MAY-2009 22:23:08	Dark	57.000	90	54Alp Peg	2.4870	11000.	114	37701	No
185	GOM_NL__2PRFIN20090516_225756_000000492079_00073_37702_5529.N1	16-MAY-2009 22:57:56	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37702	No
186	GOM_NL__2PRFIN20090516_225948_000000512079_00073_37702_5530.N1	16-MAY-2009 22:59:48	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37702	No
187	GOM_NL__2PRFIN20090516_230206_000000542079_00073_37702_5531.N1	16-MAY-2009 23:02:06	Twilight	54.000	75	26Eps Sco	2.2910	4250.0	108	37702	No
188	GOM_NL__2PRFIN20090516_230510_000000542079_00073_37702_5532.N1	16-MAY-2009 23:05:10	Twilight	54.000	16	21Alp Sco	1.0200	3000.0	108	37702	No
189	GOM_NL__2PRFIN20090516_230744_000000442079_00073_37702_5533.N1	16-MAY-2009 23:07:44	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37702	No
190	GOM_NL__2PRFIN20090516_231100_000000532079_00073_37702_5534.N1	16-MAY-2009 23:11:00	Bright	52.500	98	13Zet Oph	2.5710	30000.	105	37702	No
191	GOM_NL__2PRFIN20090516_231329_000000482079_00073_37702_5535.N1	16-MAY-2009 23:13:29	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	37702	No
192	GOM_NL__2PRFIN20090516_231638_000000432079_00073_37702_5536.N1	16-MAY-2009 23:16:38	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37702	No
193	GOM_NL__2PRFIN20090516_232300_000000442079_00073_37702_5537.N1	16-MAY-2009 23:23:00	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37702	No
194	GOM_NL__2PRFIN20090516_233400_000000422079_00073_37702_5538.N1	16-MAY-2009 23:34:00	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37702	No
195	GOM_NL__2PRFIN20090516_234457_000000432079_00073_37702_5539.N1	16-MAY-2009 23:44:57	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37702	No
196	GOM_NL__2PRFIN20090516_235858_000000592079_00073_37702_5540.N1	16-MAY-2009 23:58:58	Twilight	59.000	93	53Bet Peg	2.5200	3100.0	118	37702	No

3. Quality information per product

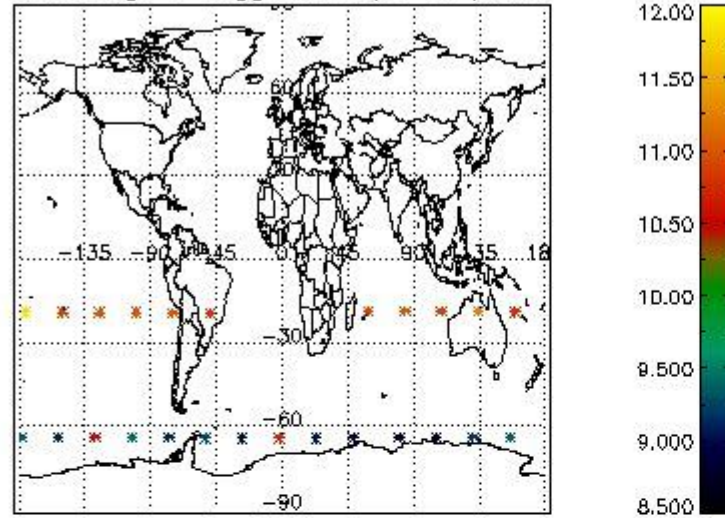
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

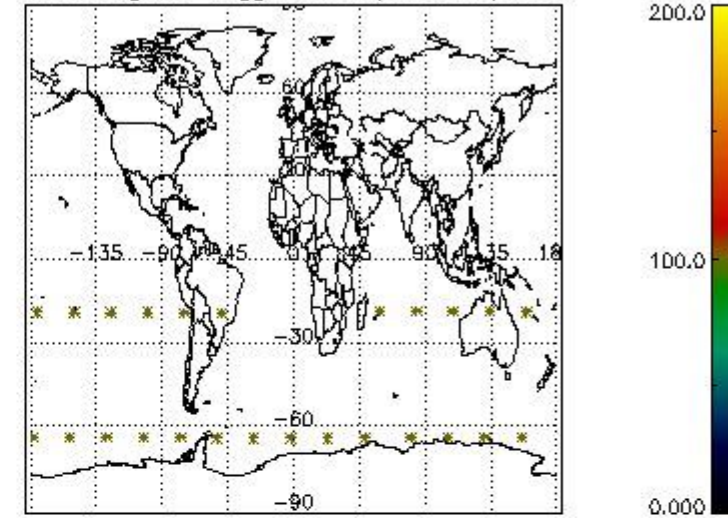


3.2 Plot quality information per product (world map)

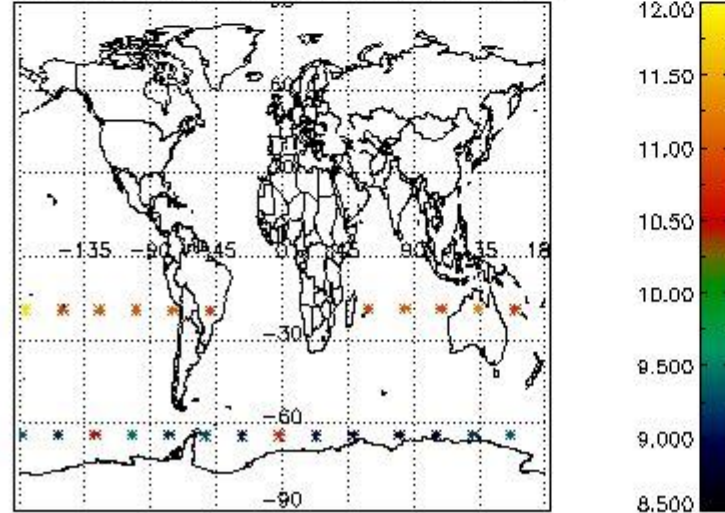
Percentage of flagged data per O3 profile



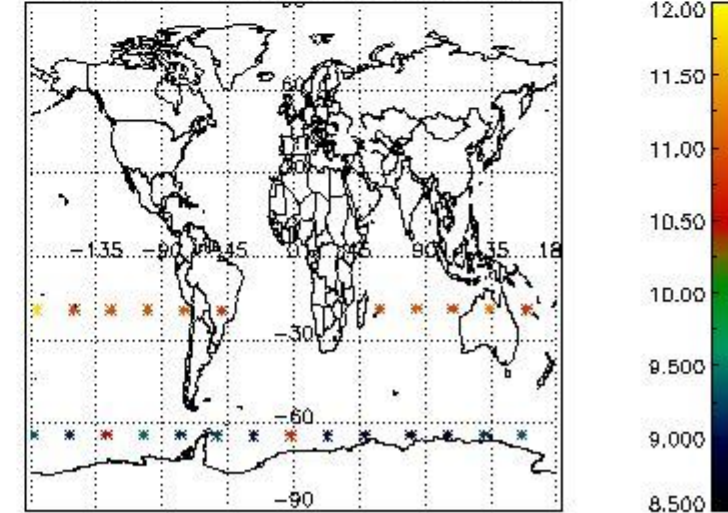
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

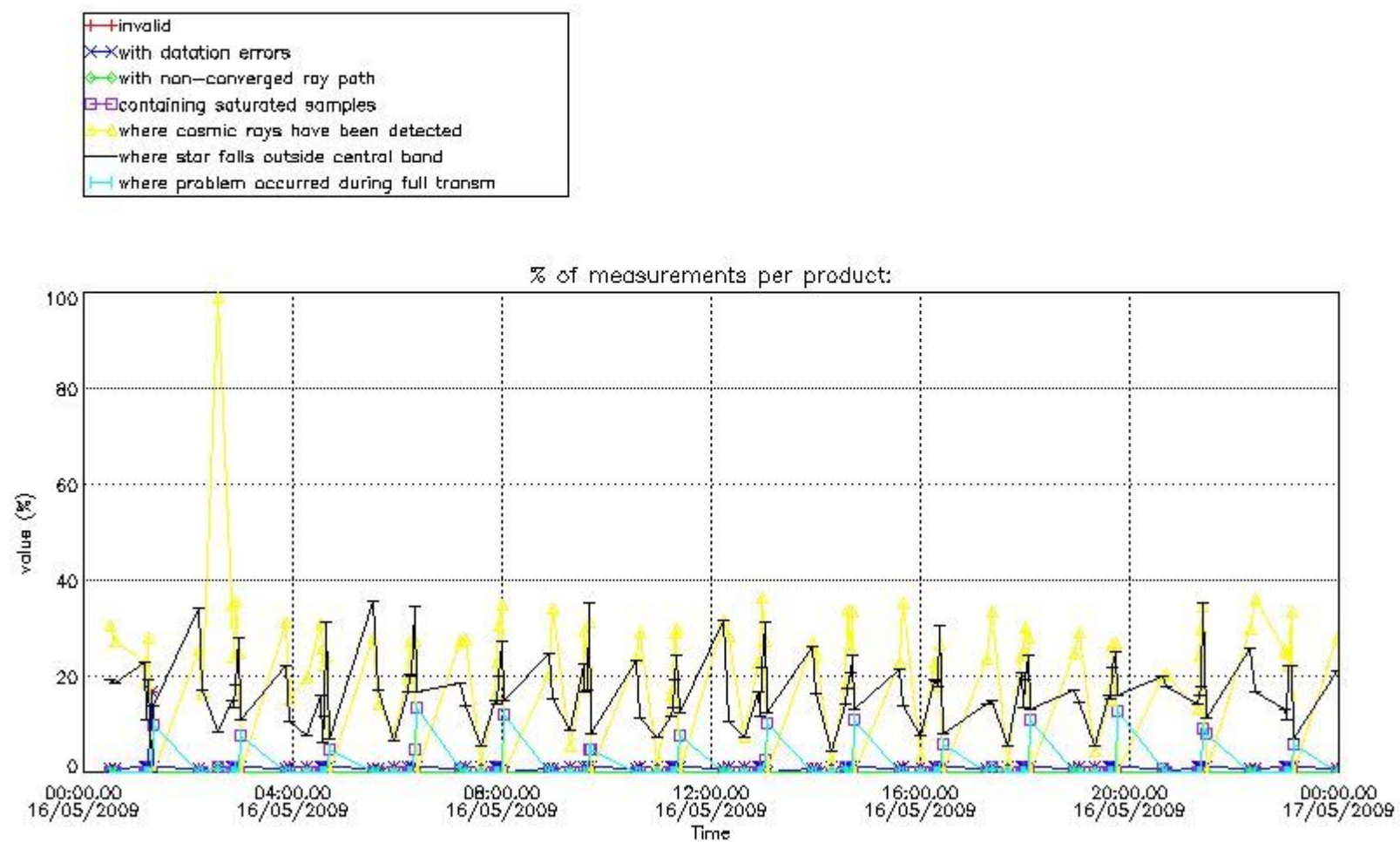


4. Level 1 quality information per product

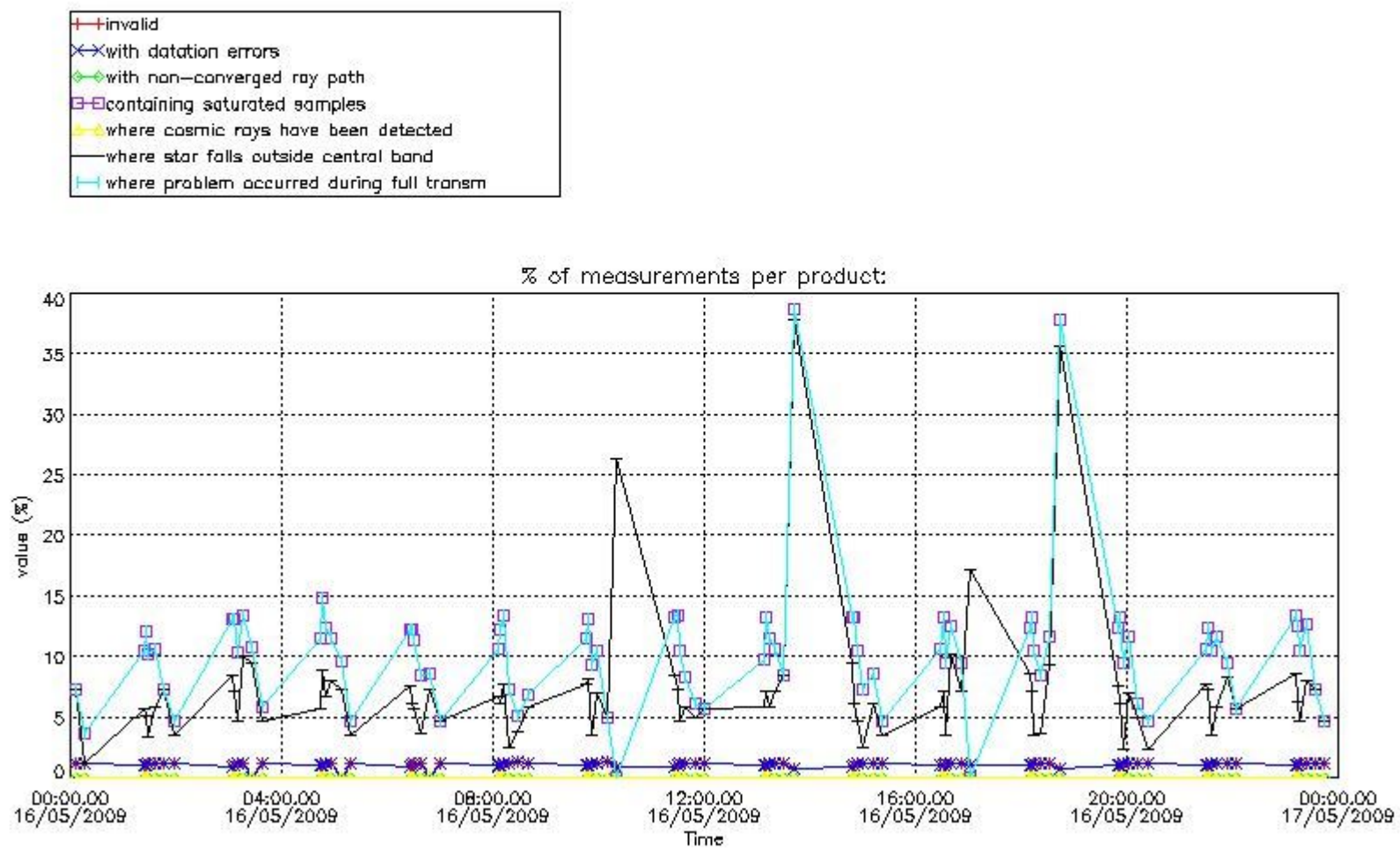
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

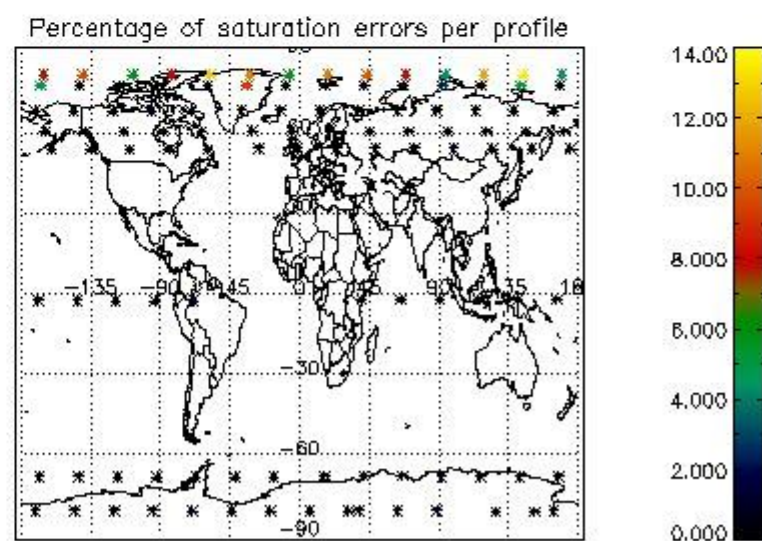
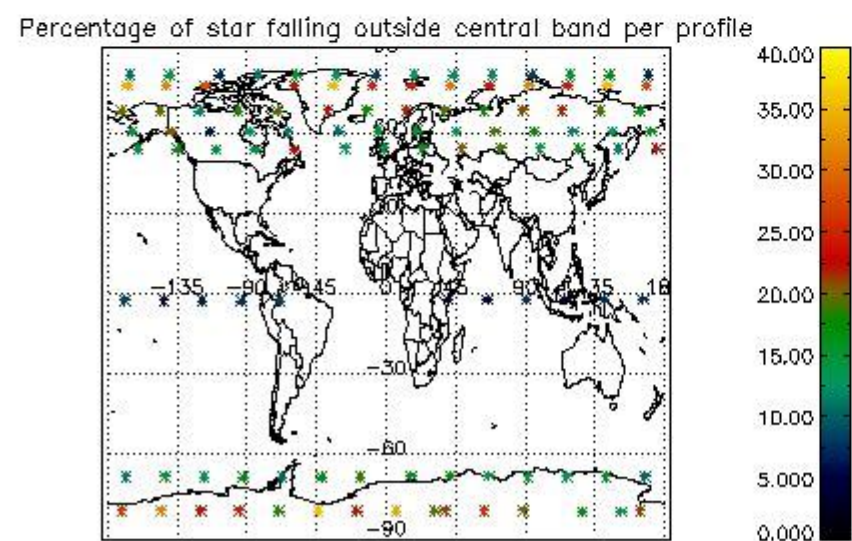
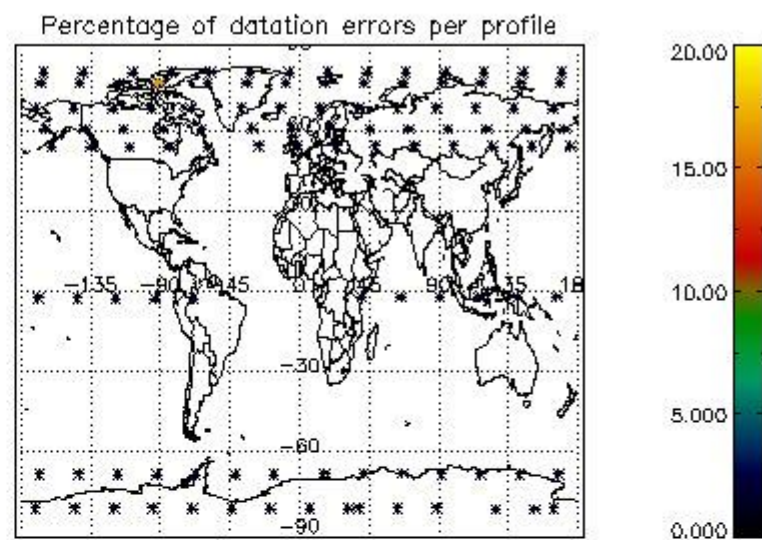
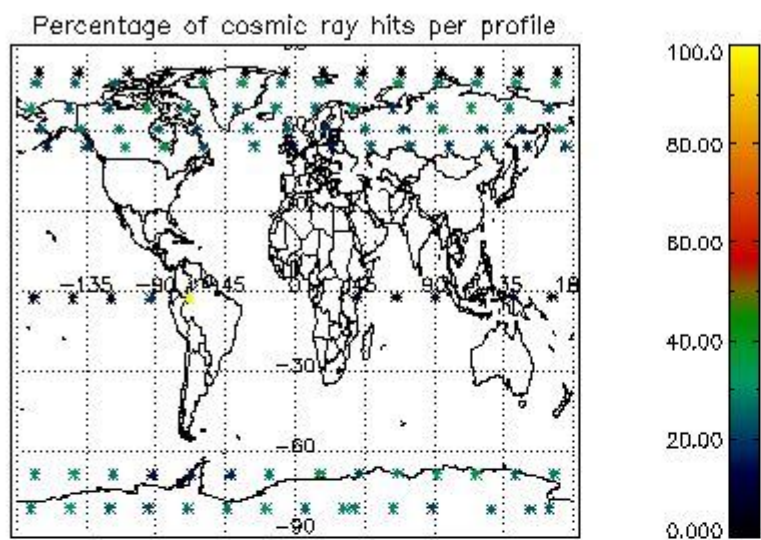


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

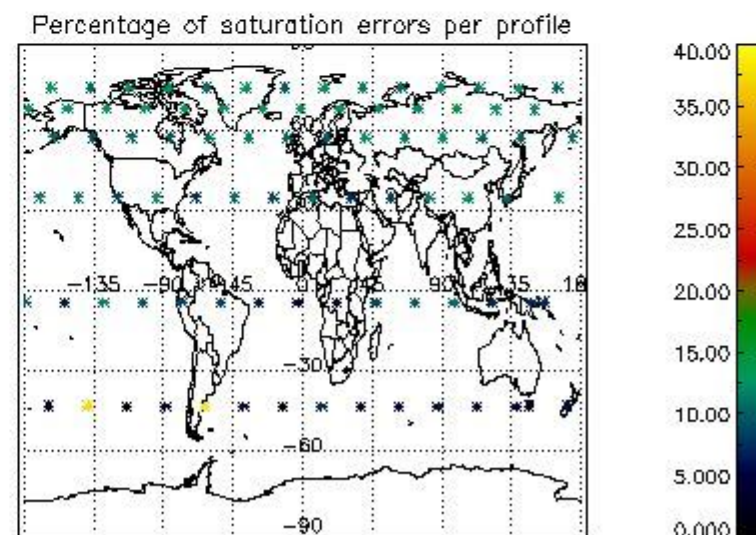
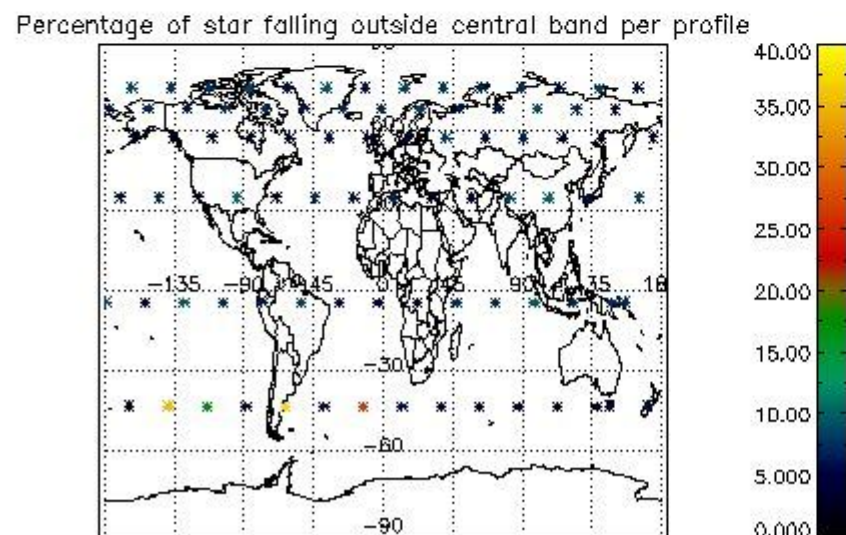
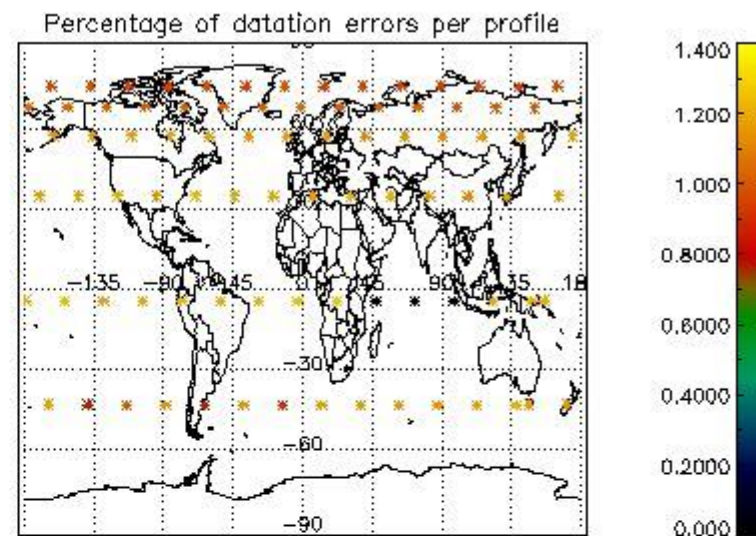
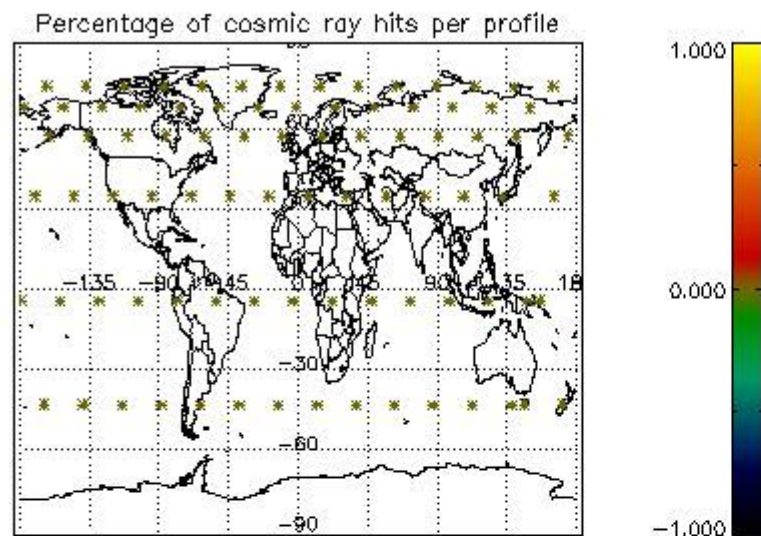


4.2 Plot quality information per product coming from level 1b processing (world map)

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

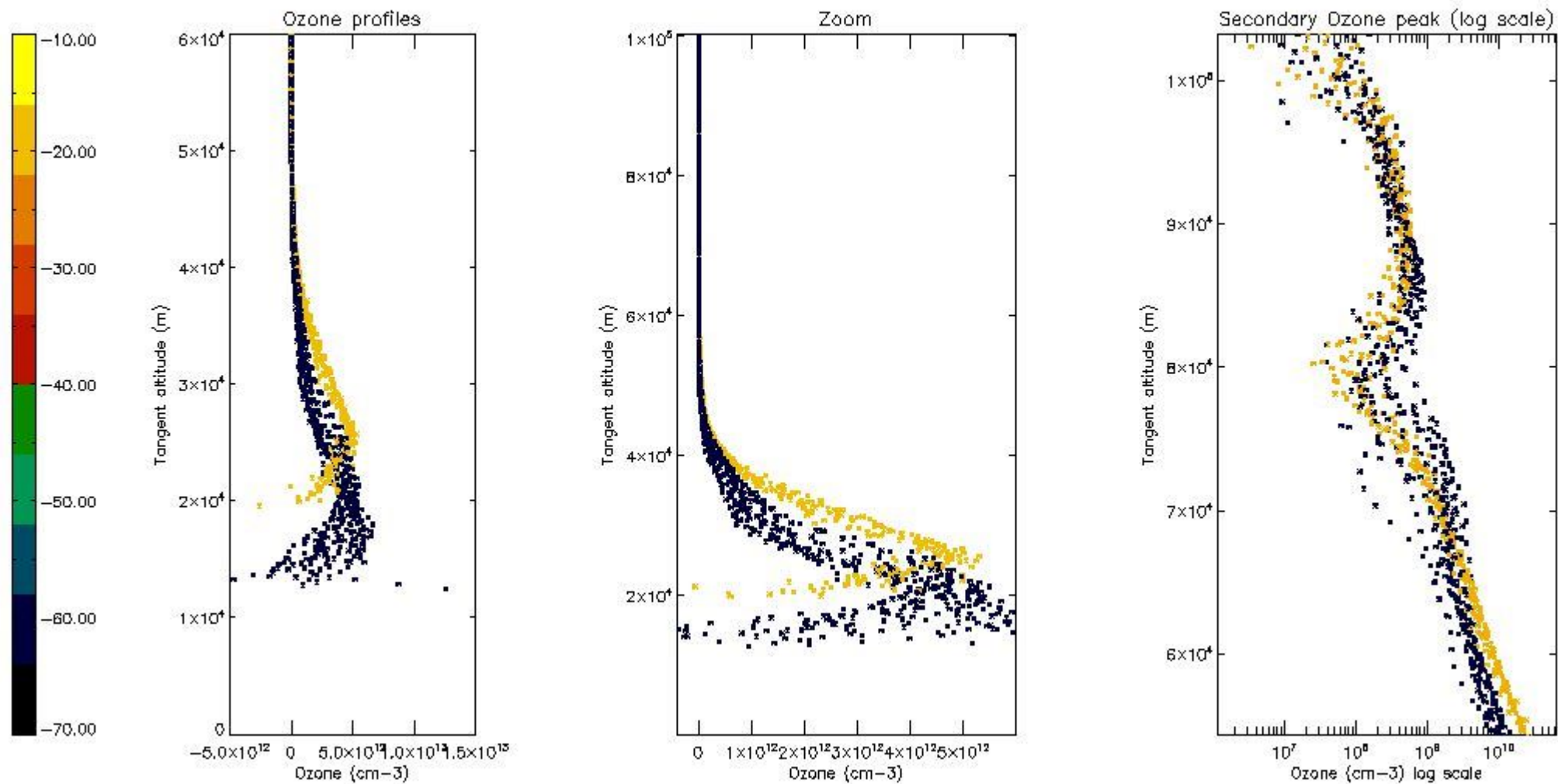
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	13
STD < 20	8

STD < 10	6
STD < 5	2

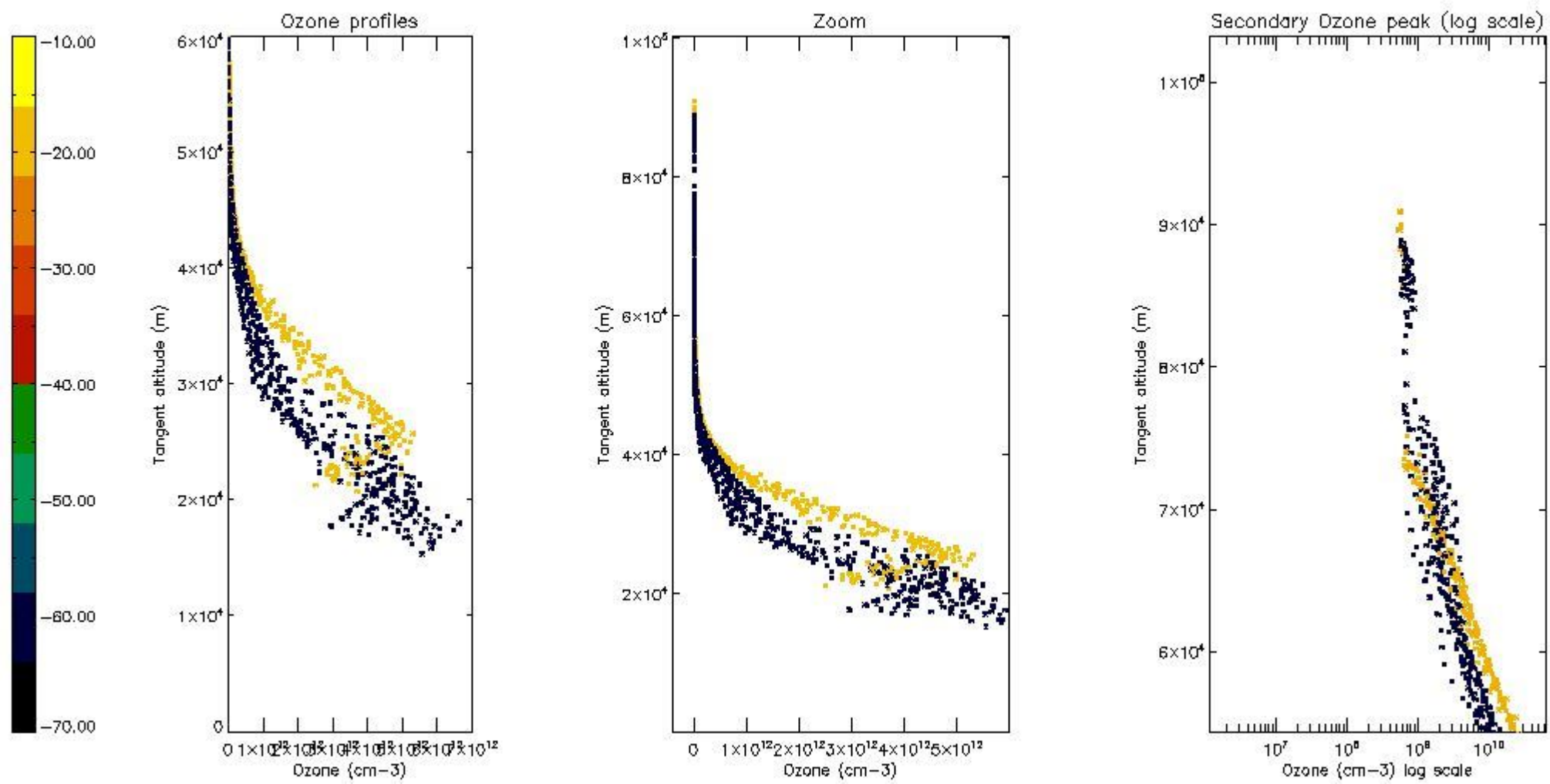
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



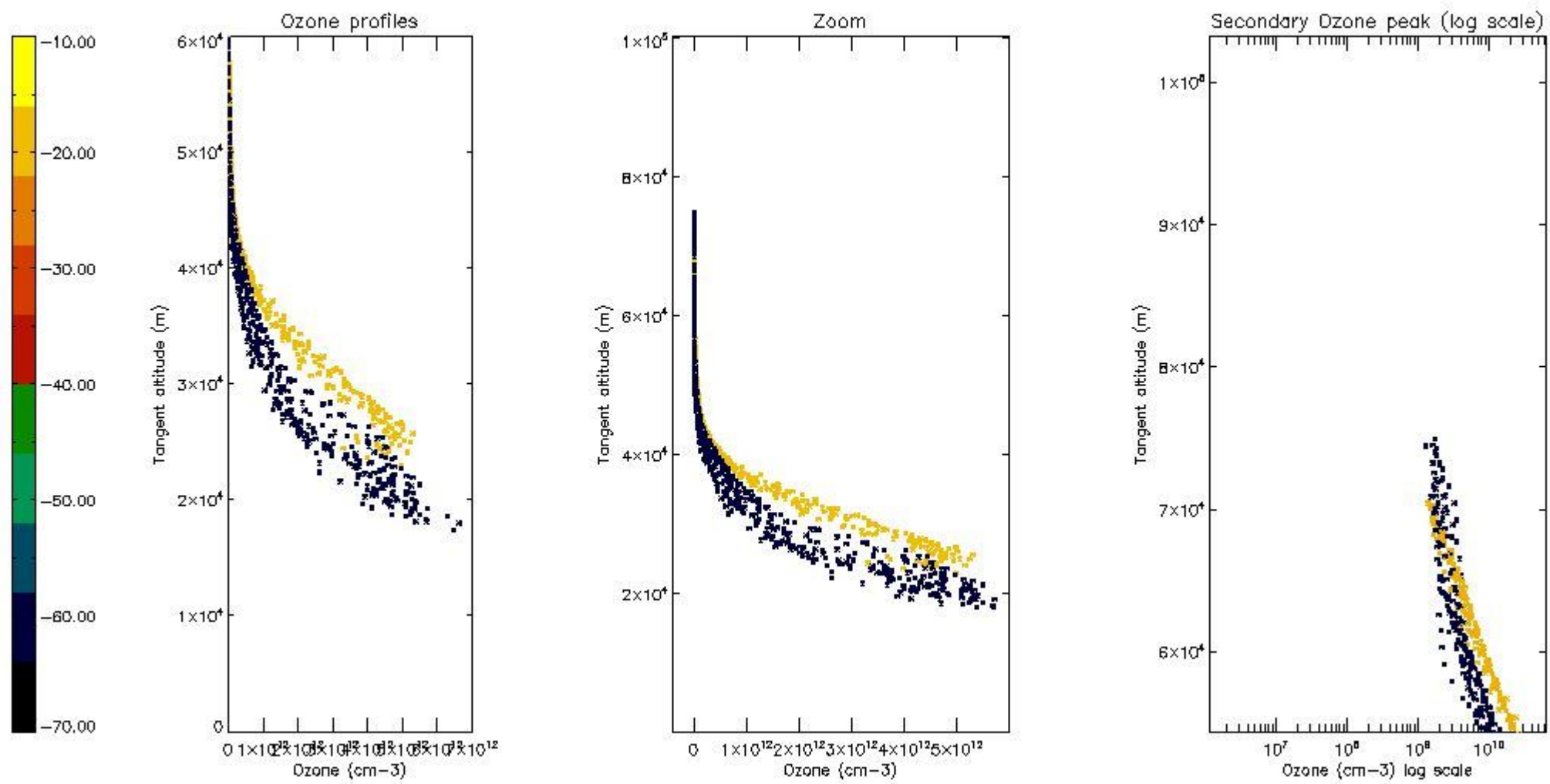
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



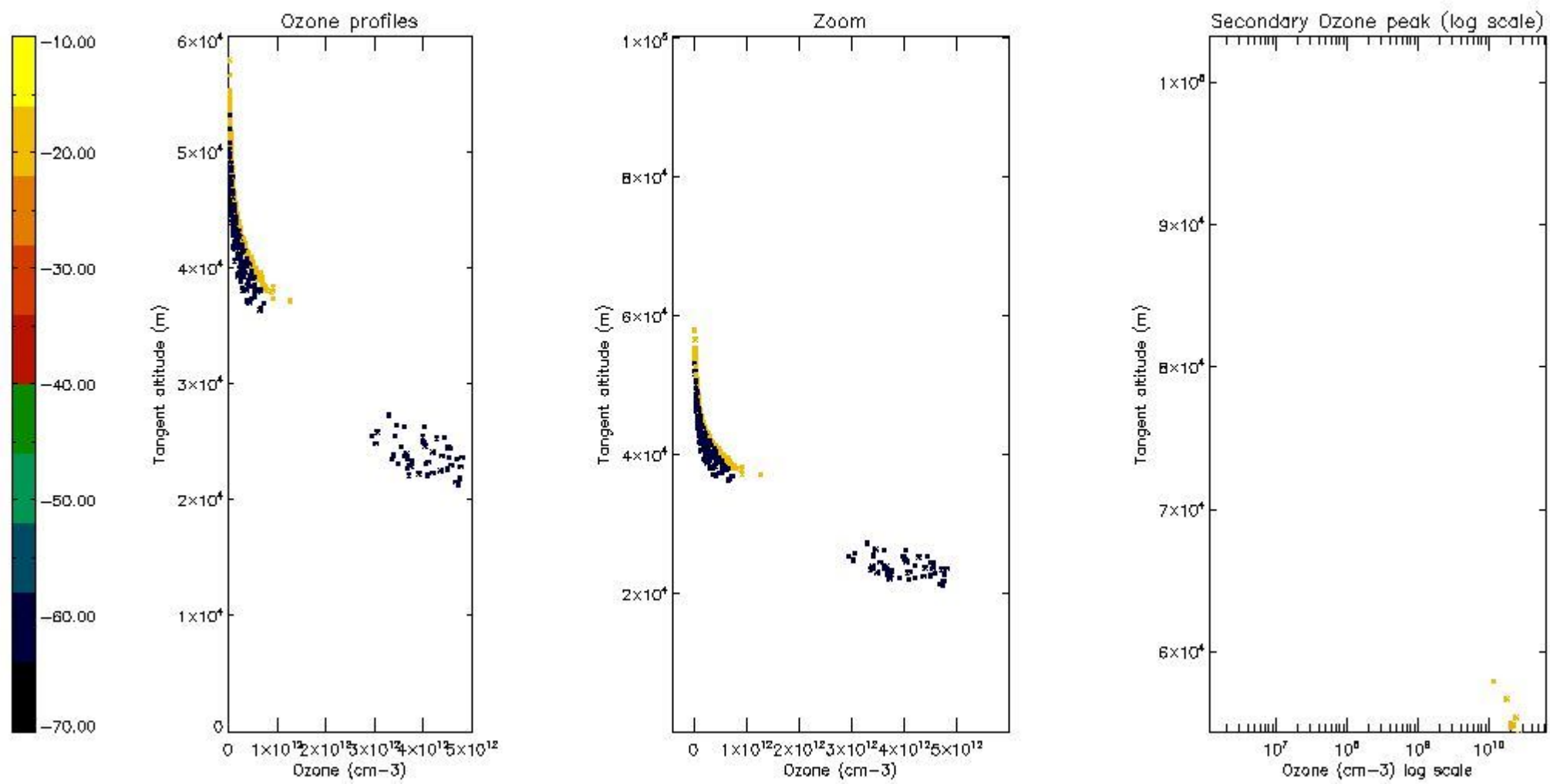
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



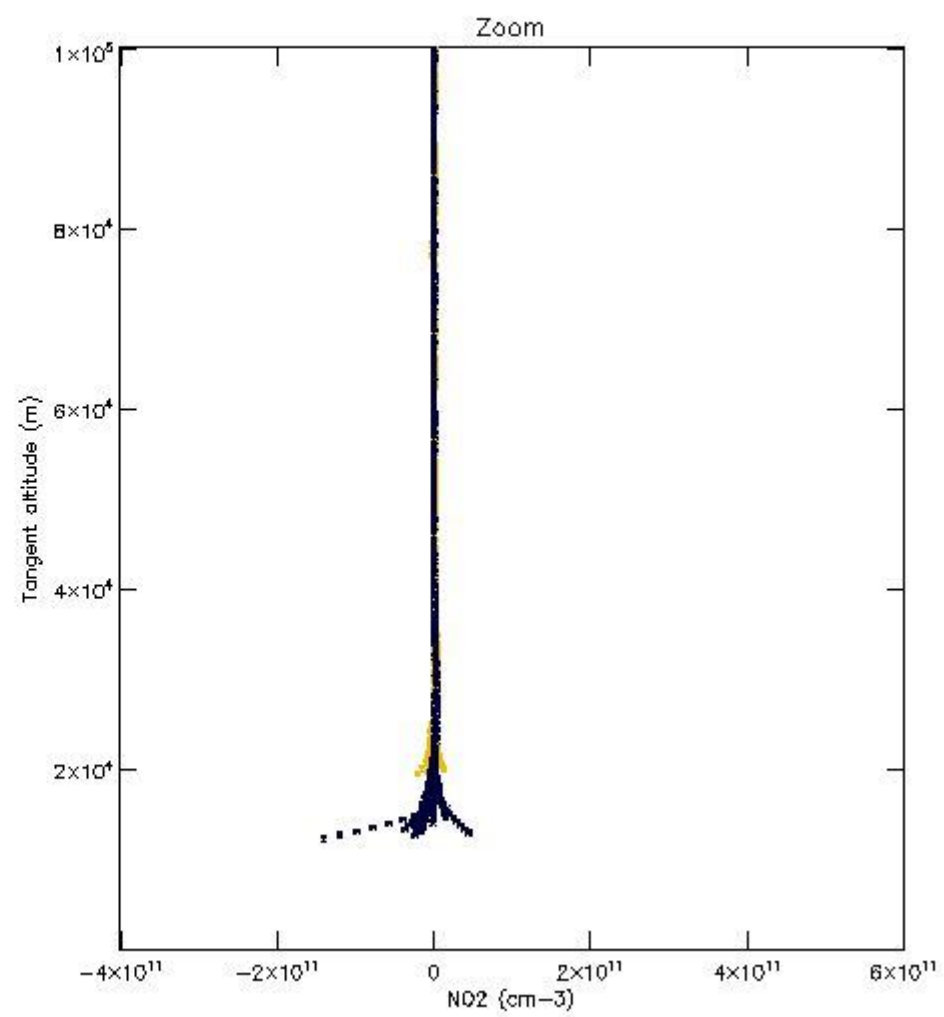
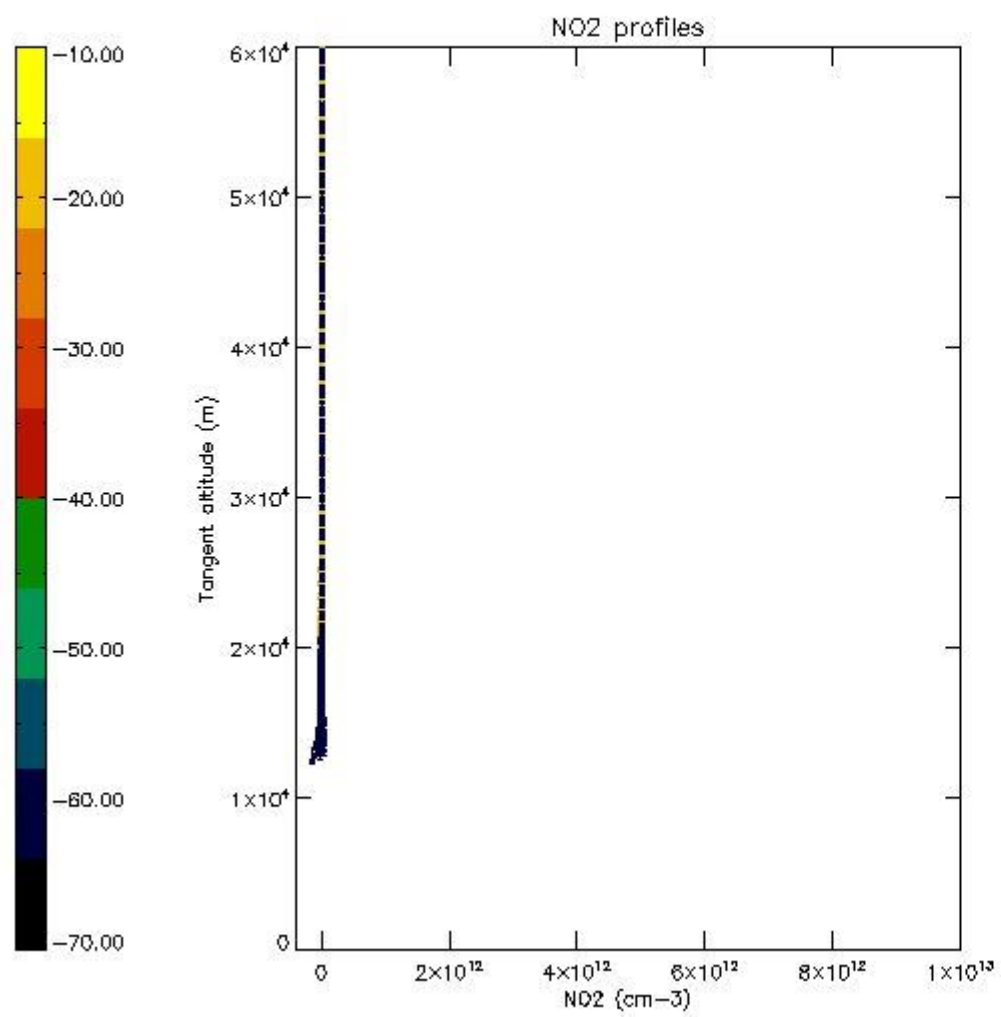
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



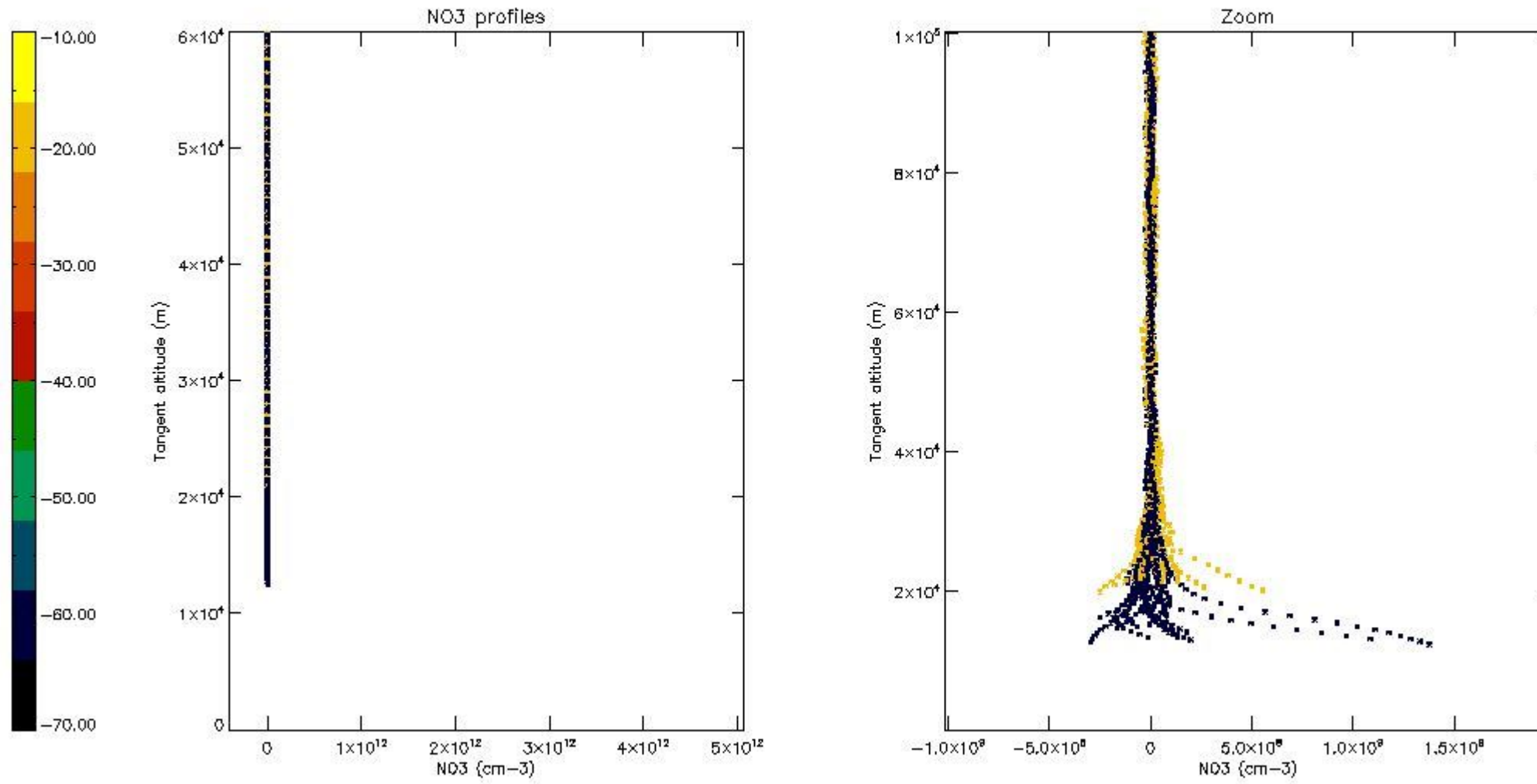
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

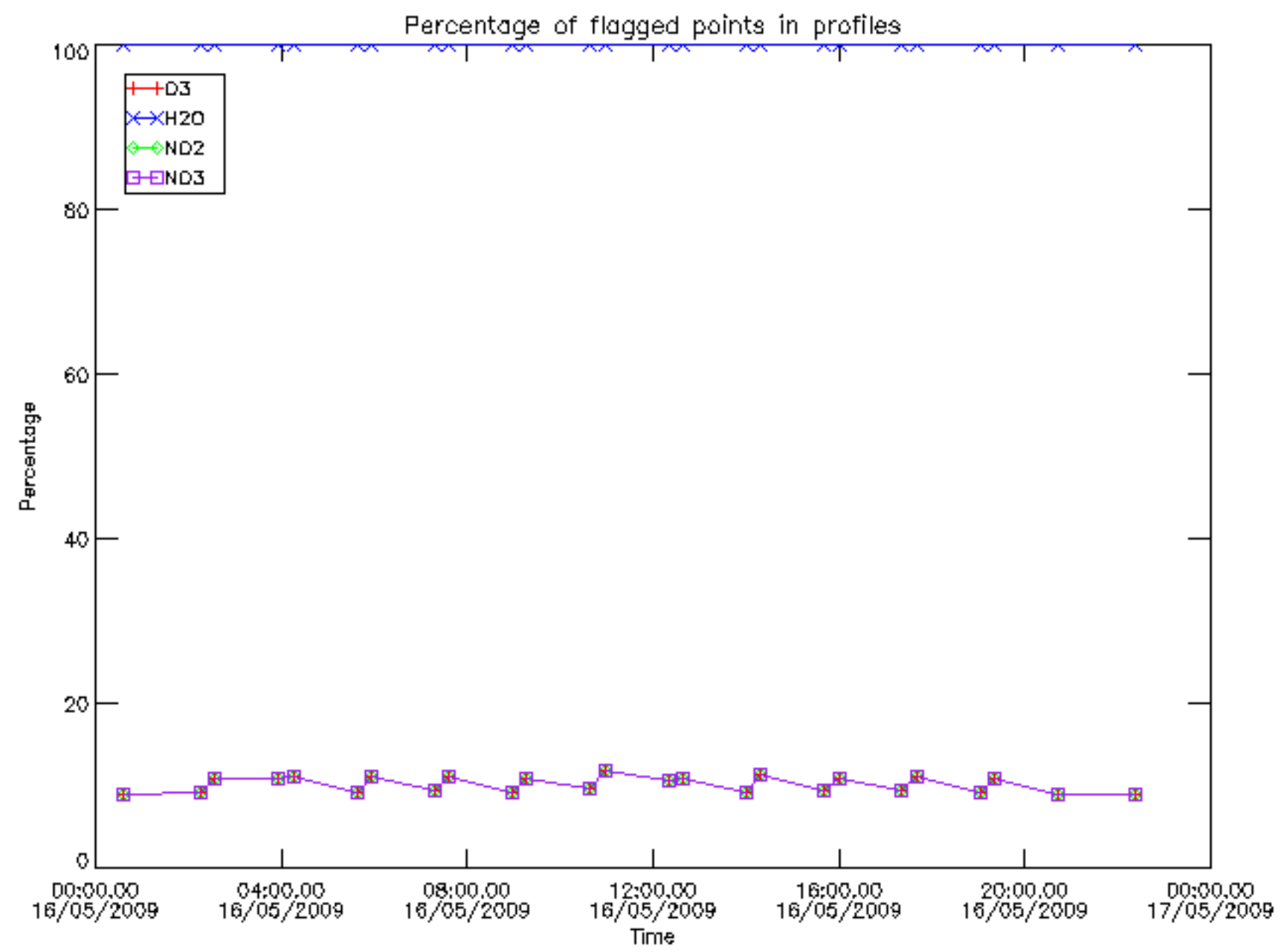
The colorbar represents the latitude.



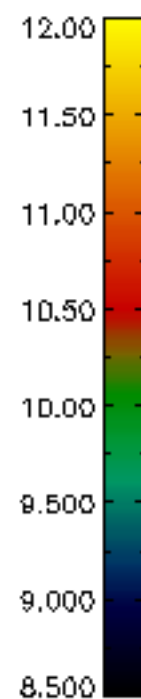
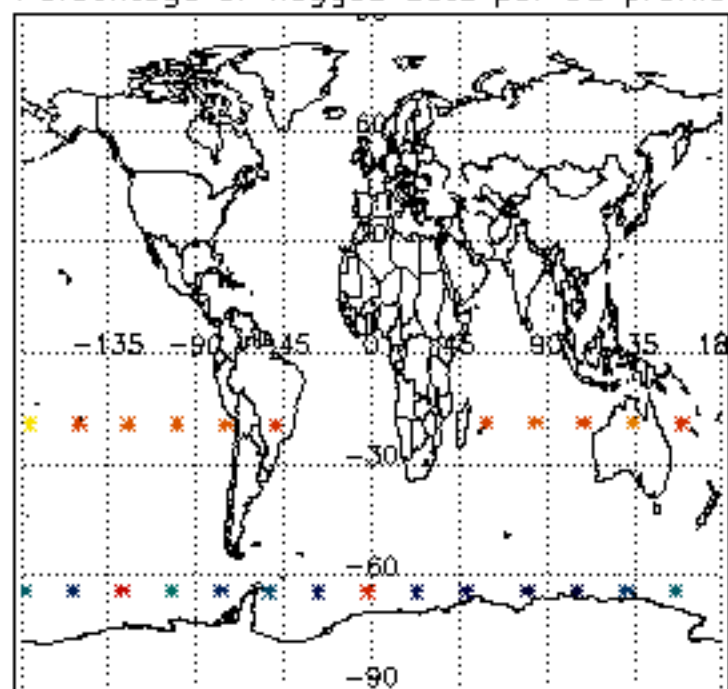
6. Auxiliary Data Files used for the production reported in section 2

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.

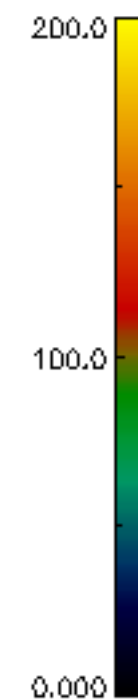
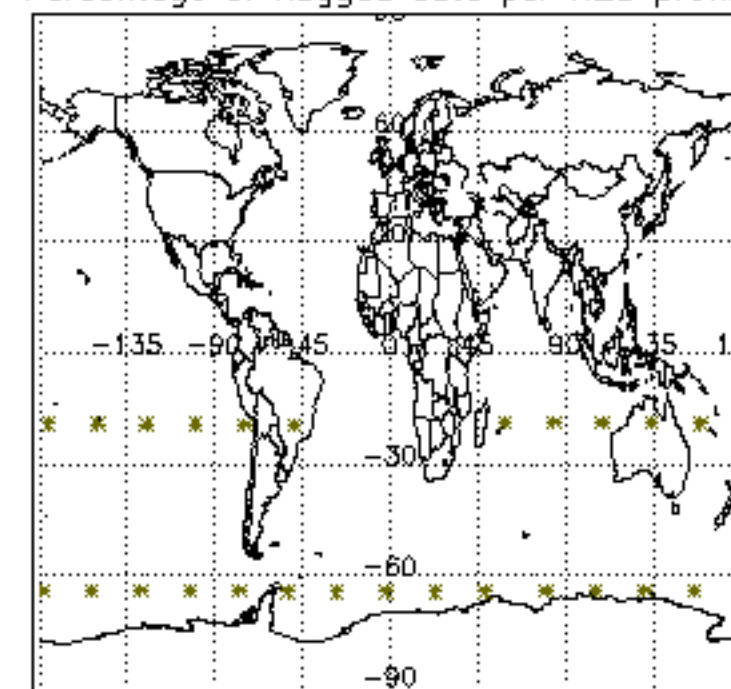
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	16-MAY-2009 00:05:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-MAY-2009 00:05:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-MAY-2009 00:05:44



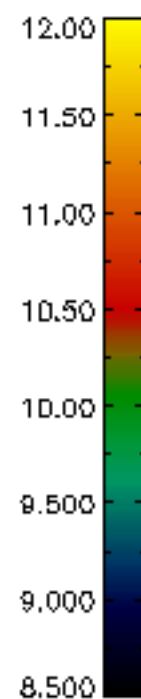
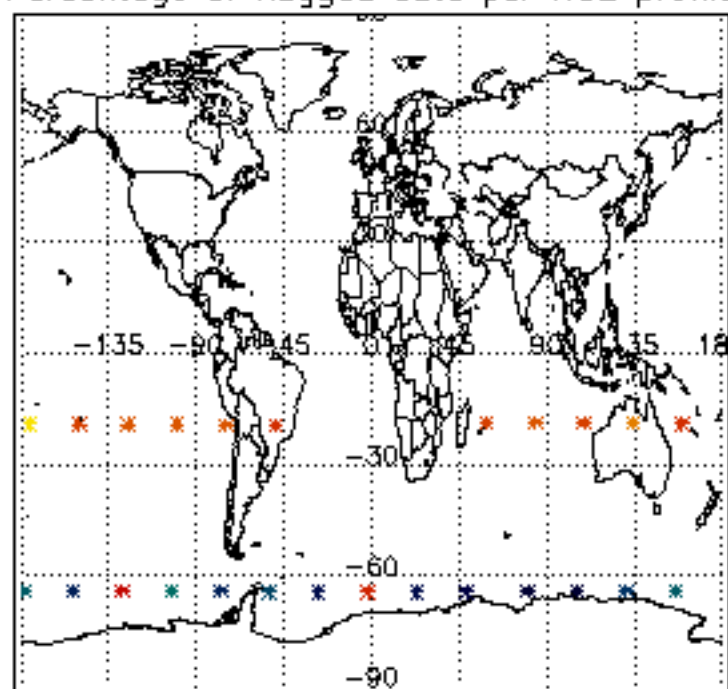
Percentage of flagged data per D3 profile



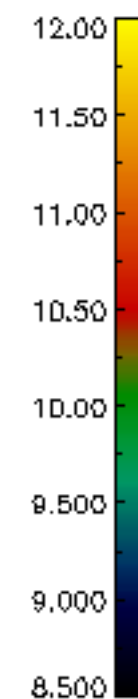
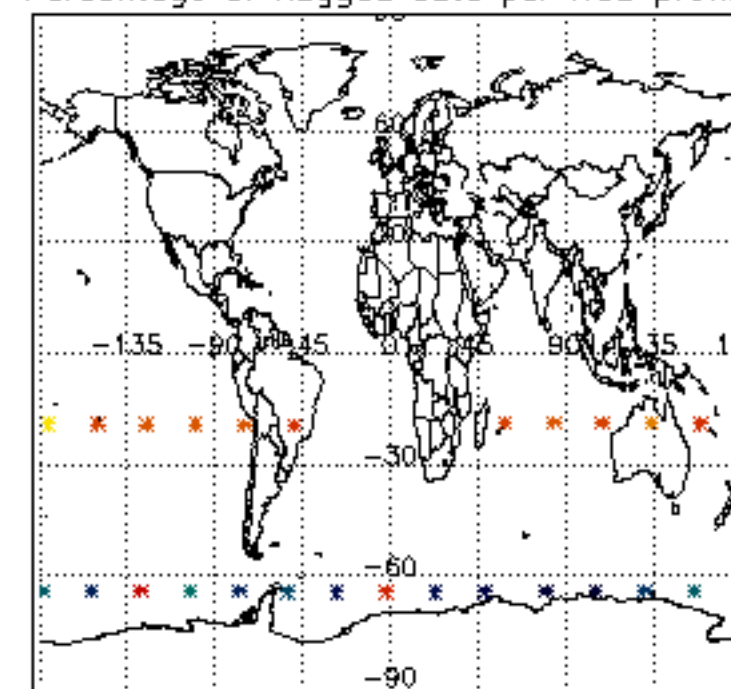
Percentage of flagged data per H2O profile

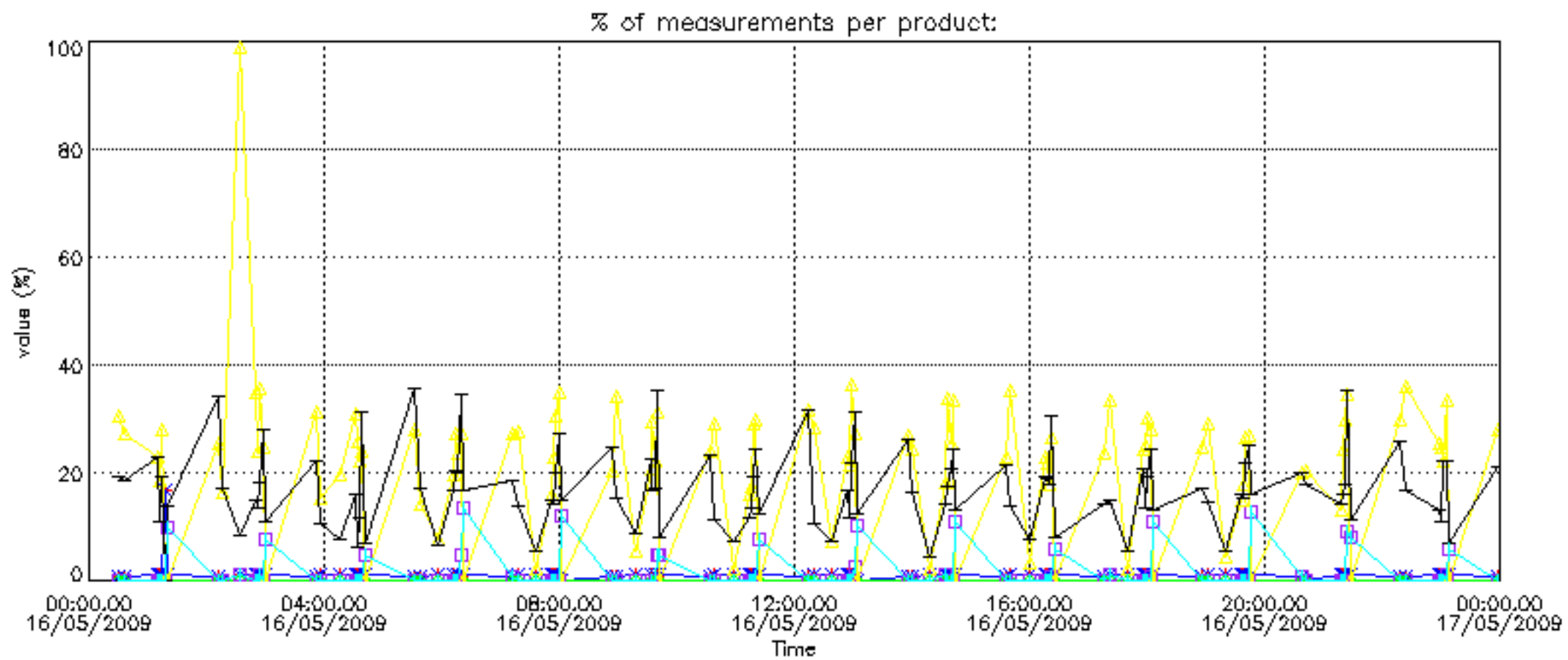


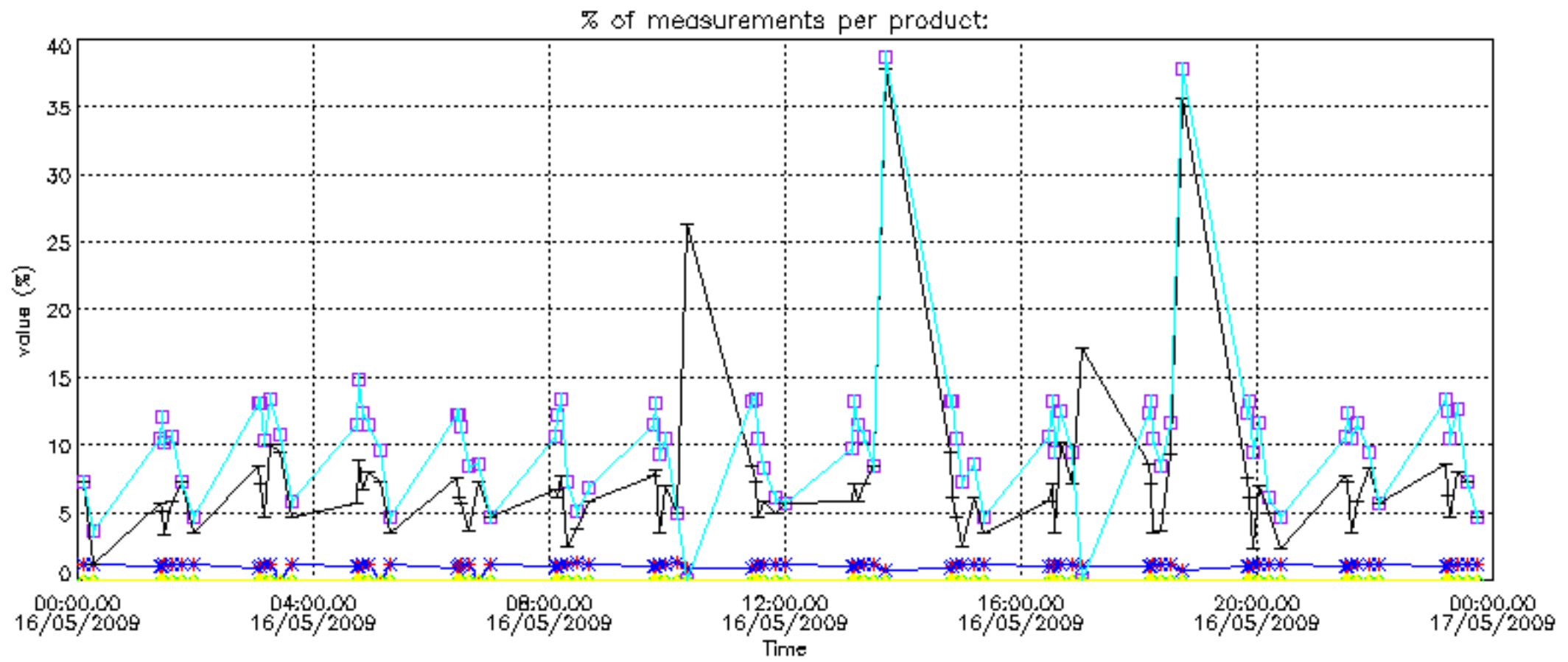
Percentage of flagged data per NO2 profile



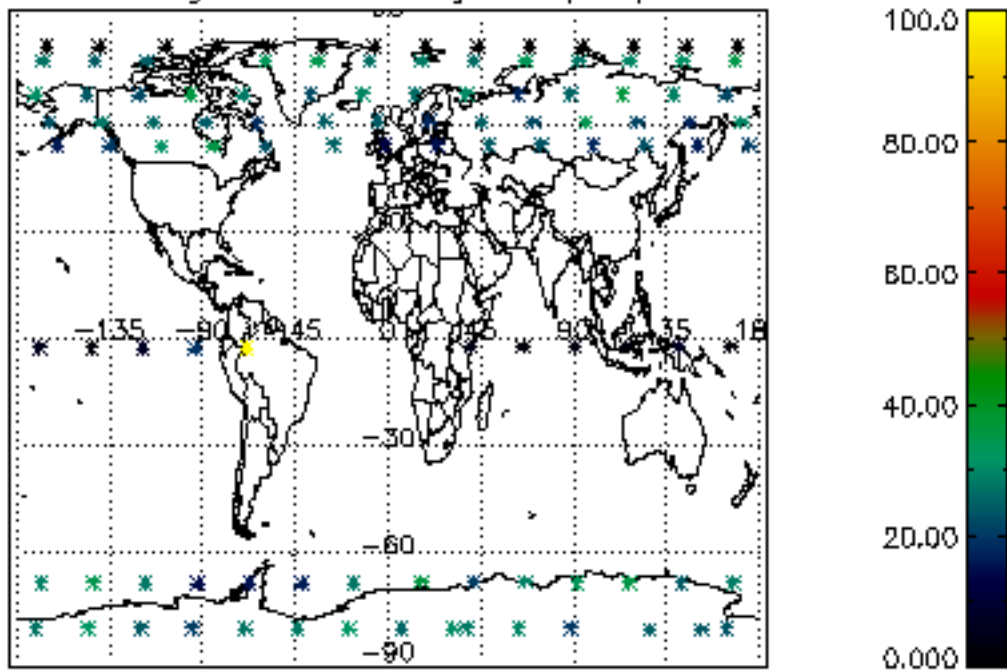
Percentage of flagged data per NO3 profile



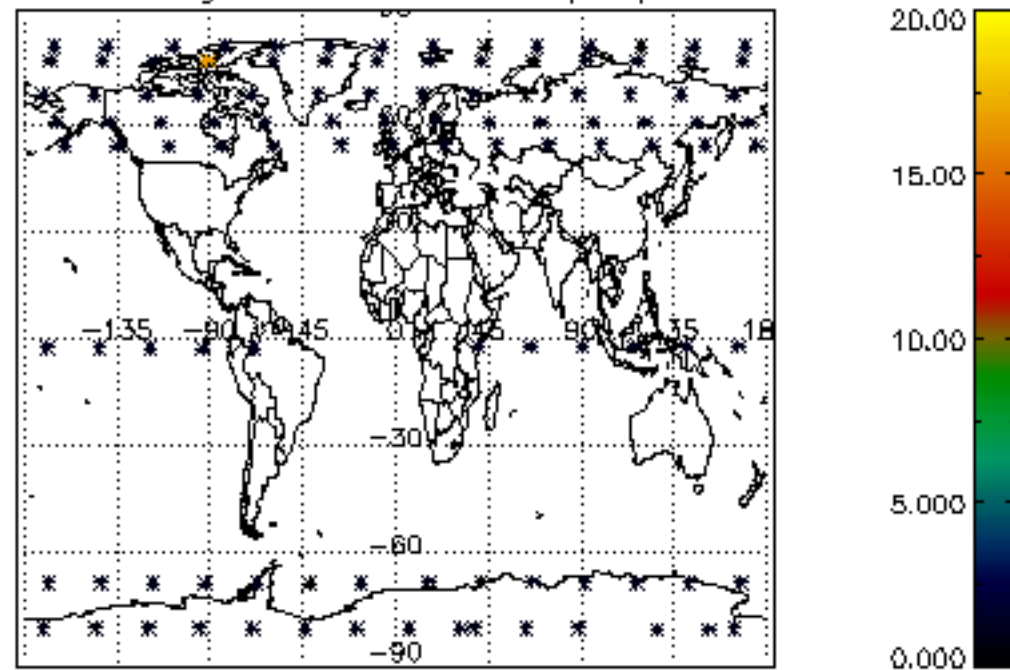




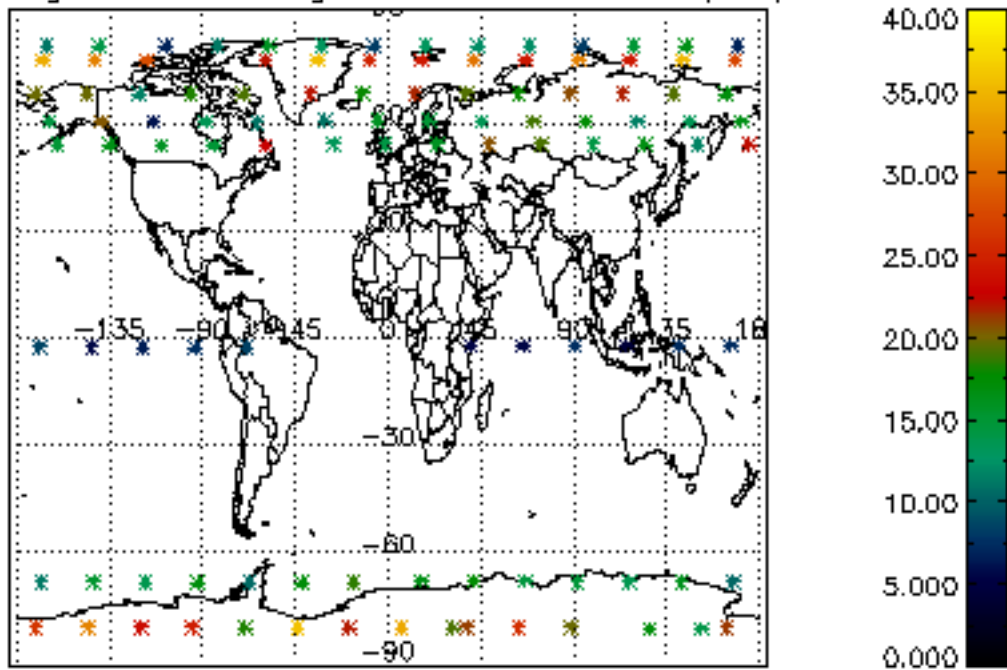
Percentage of cosmic ray hits per profile



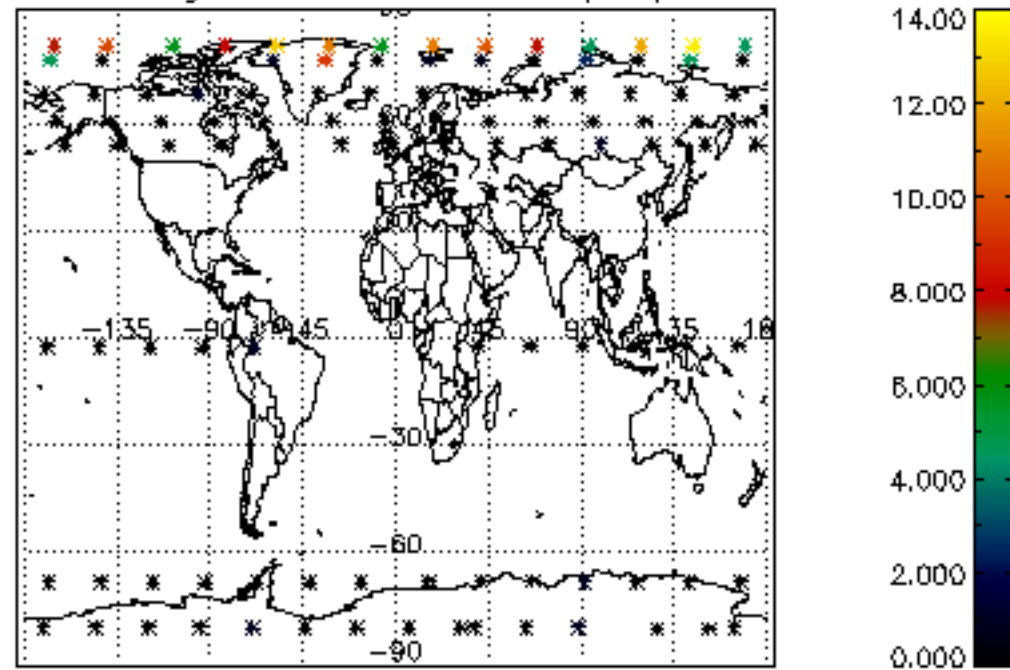
Percentage of datation errors per profile



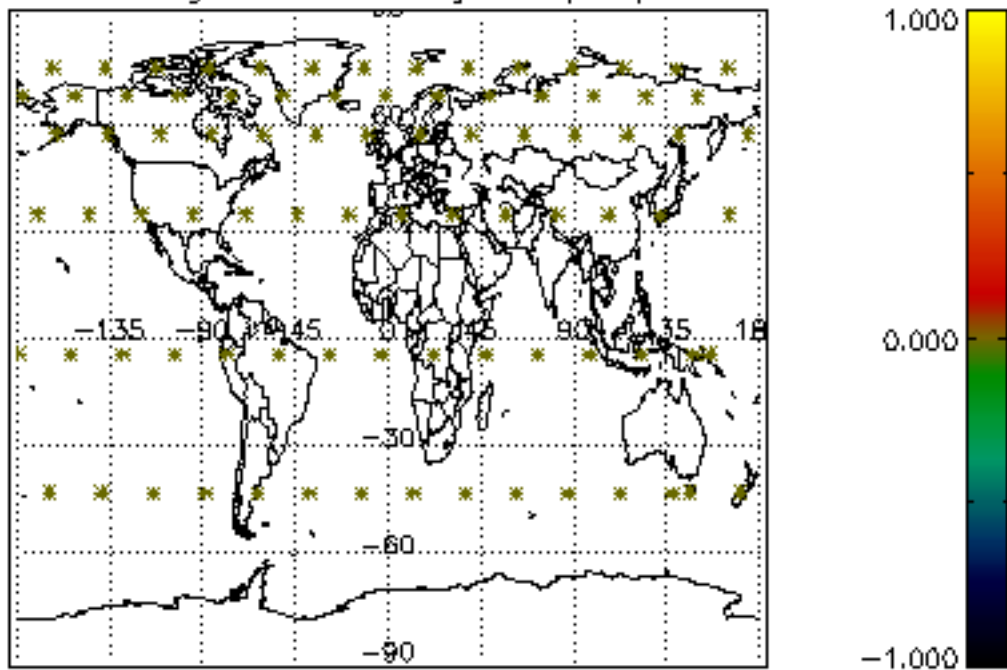
Percentage of star falling outside central band per profile



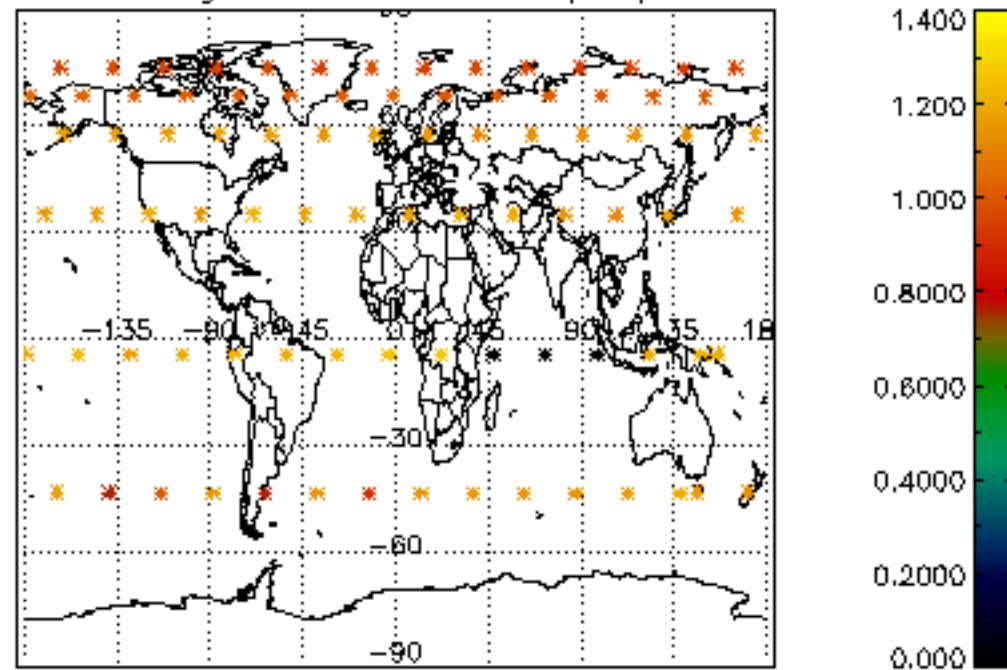
Percentage of saturation errors per profile



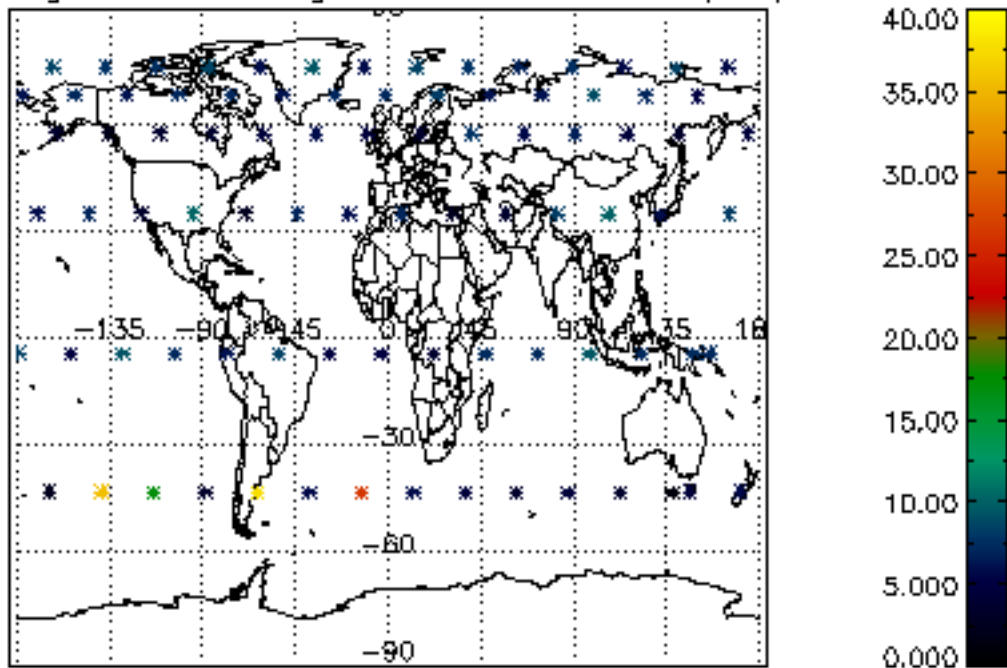
Percentage of cosmic ray hits per profile



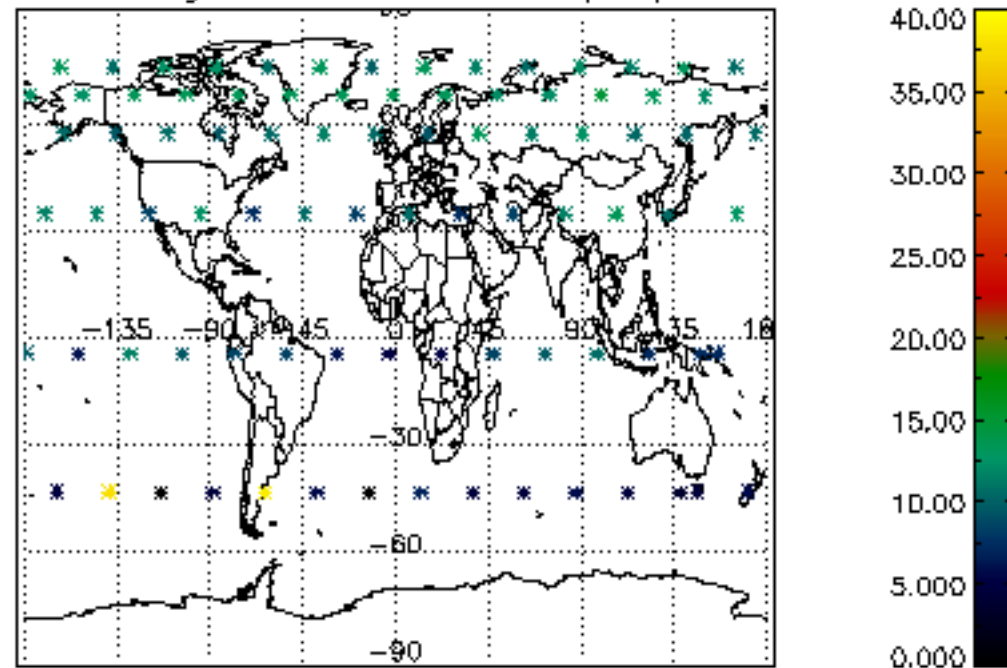
Percentage of datation errors per profile

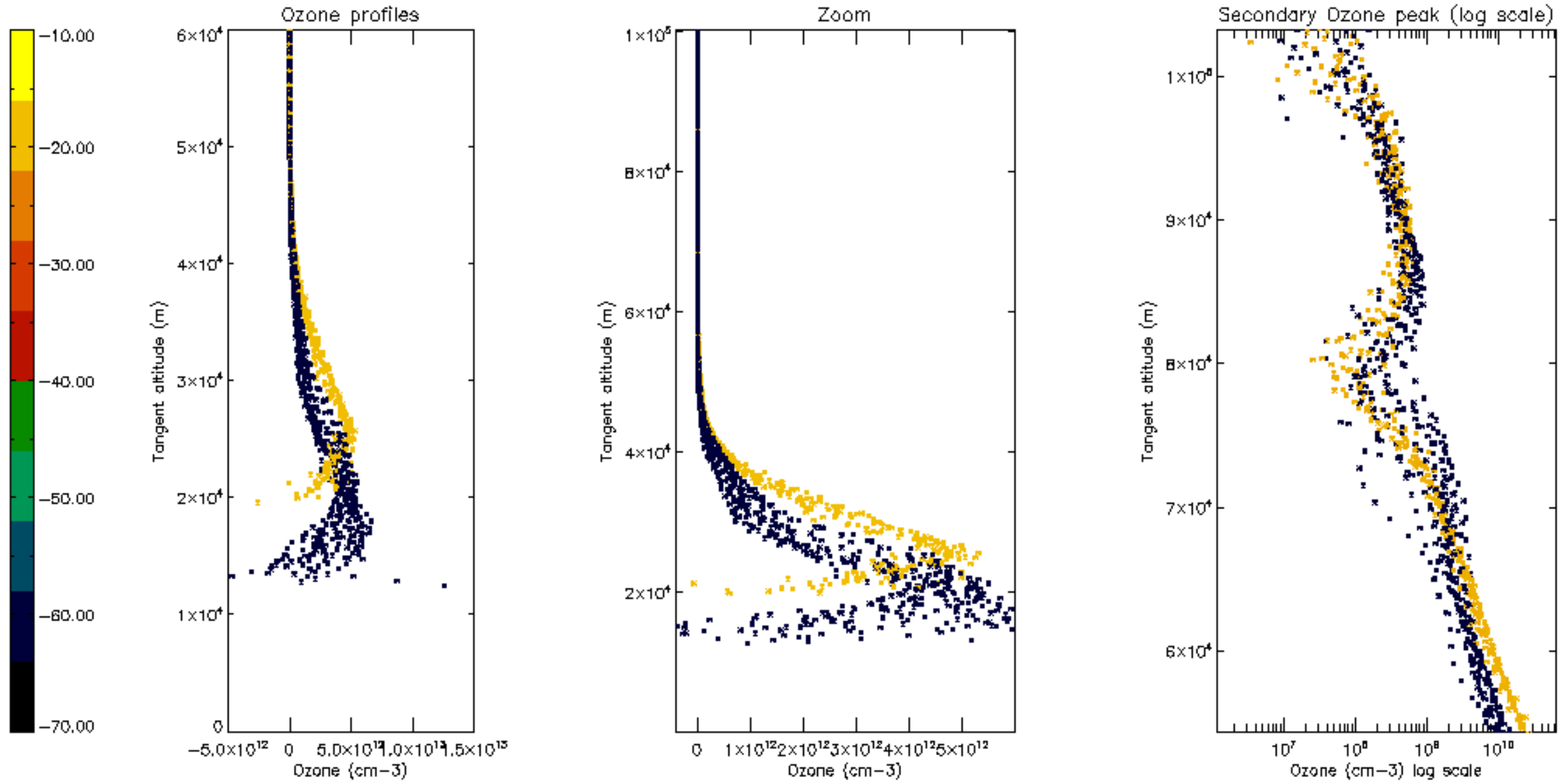


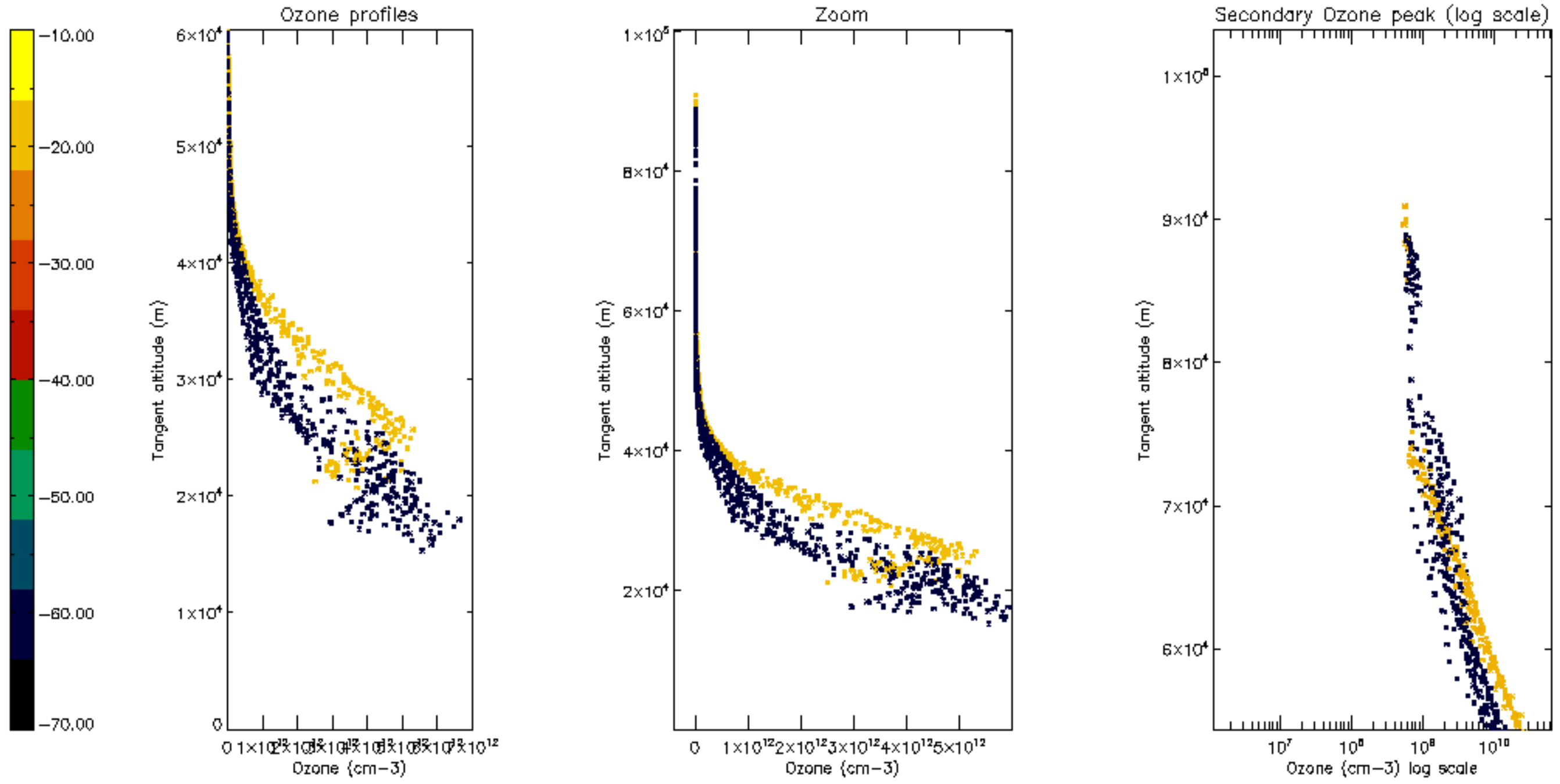
Percentage of star falling outside central band per profile

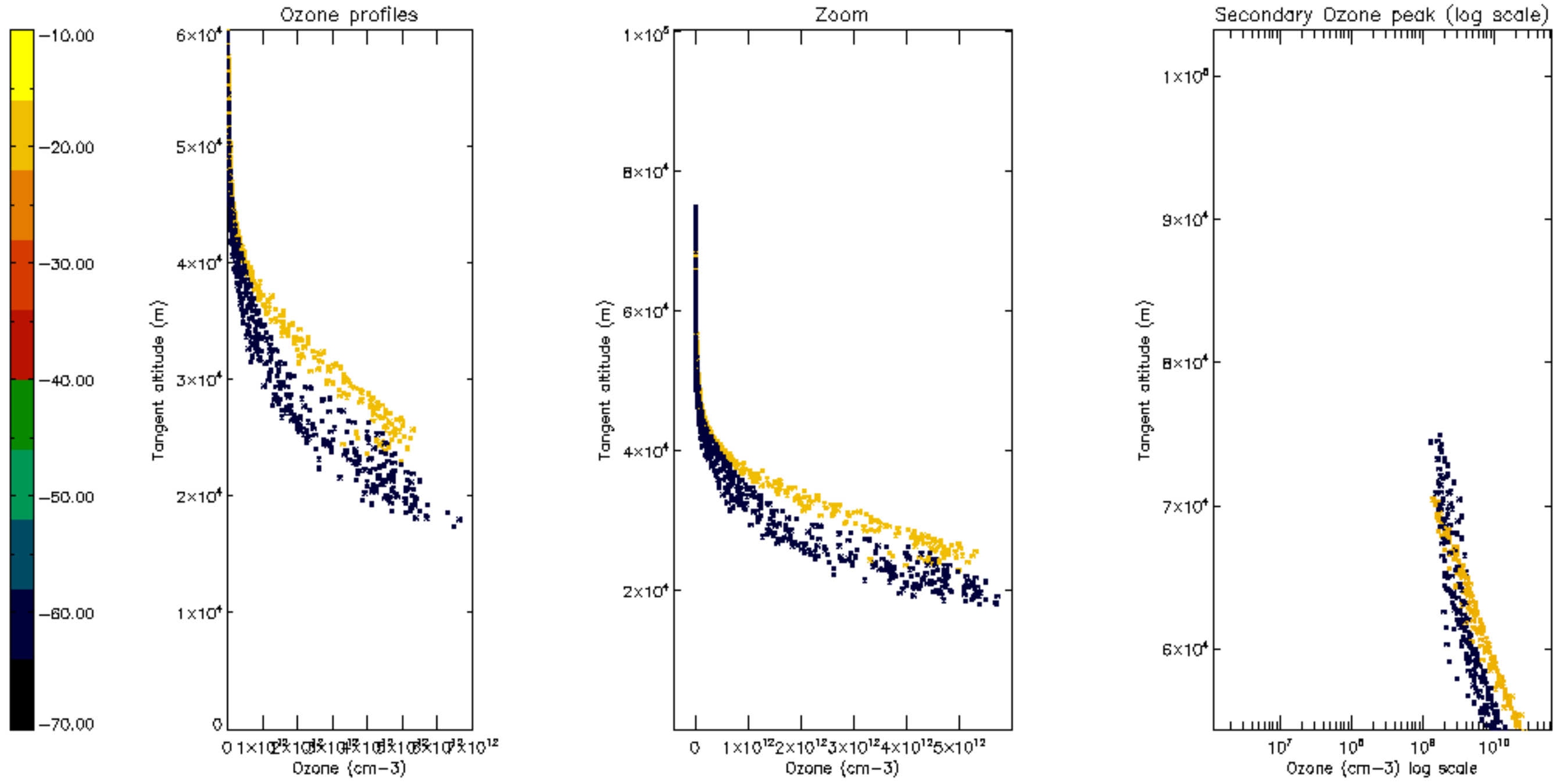


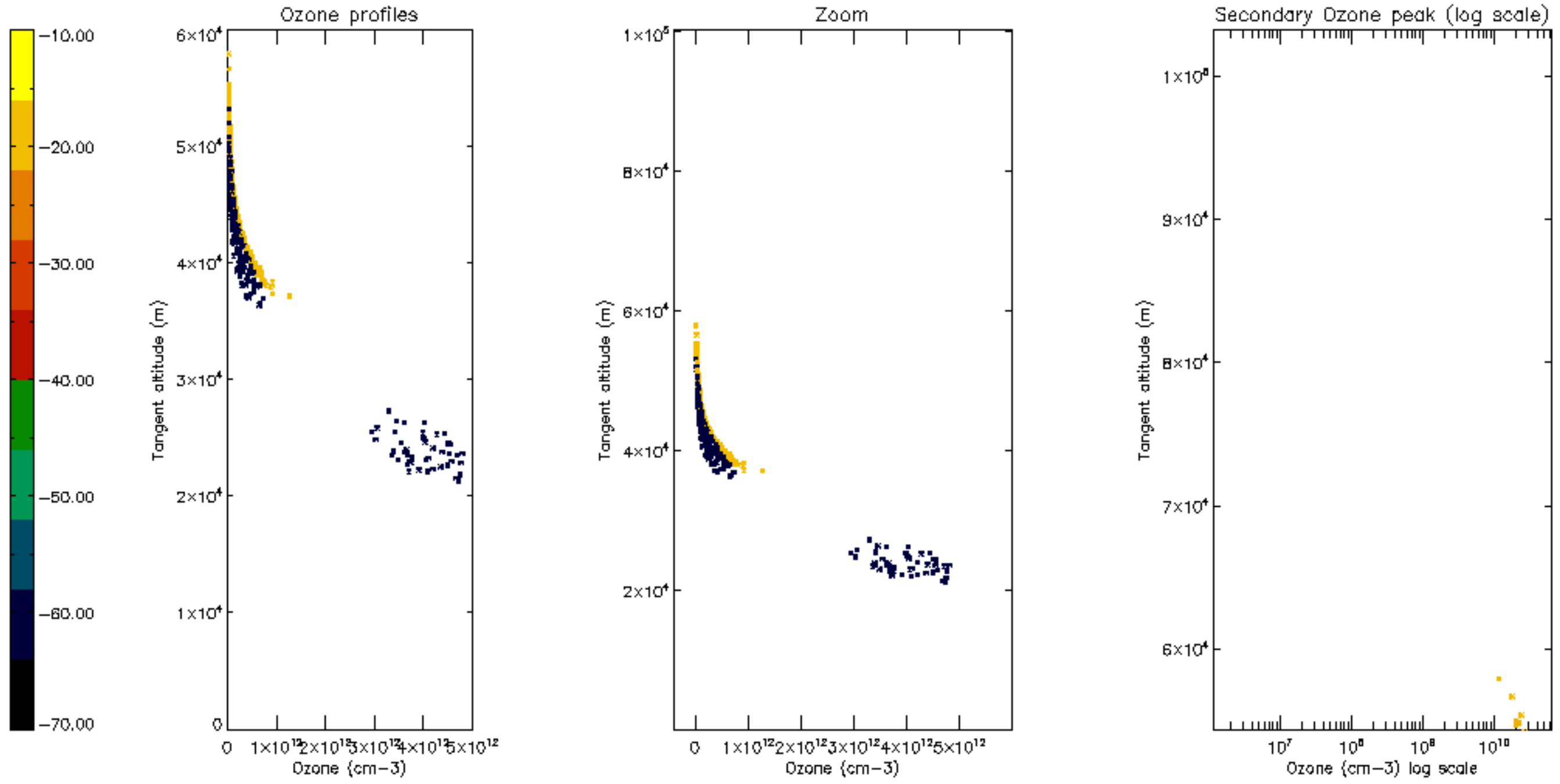
Percentage of saturation errors per profile

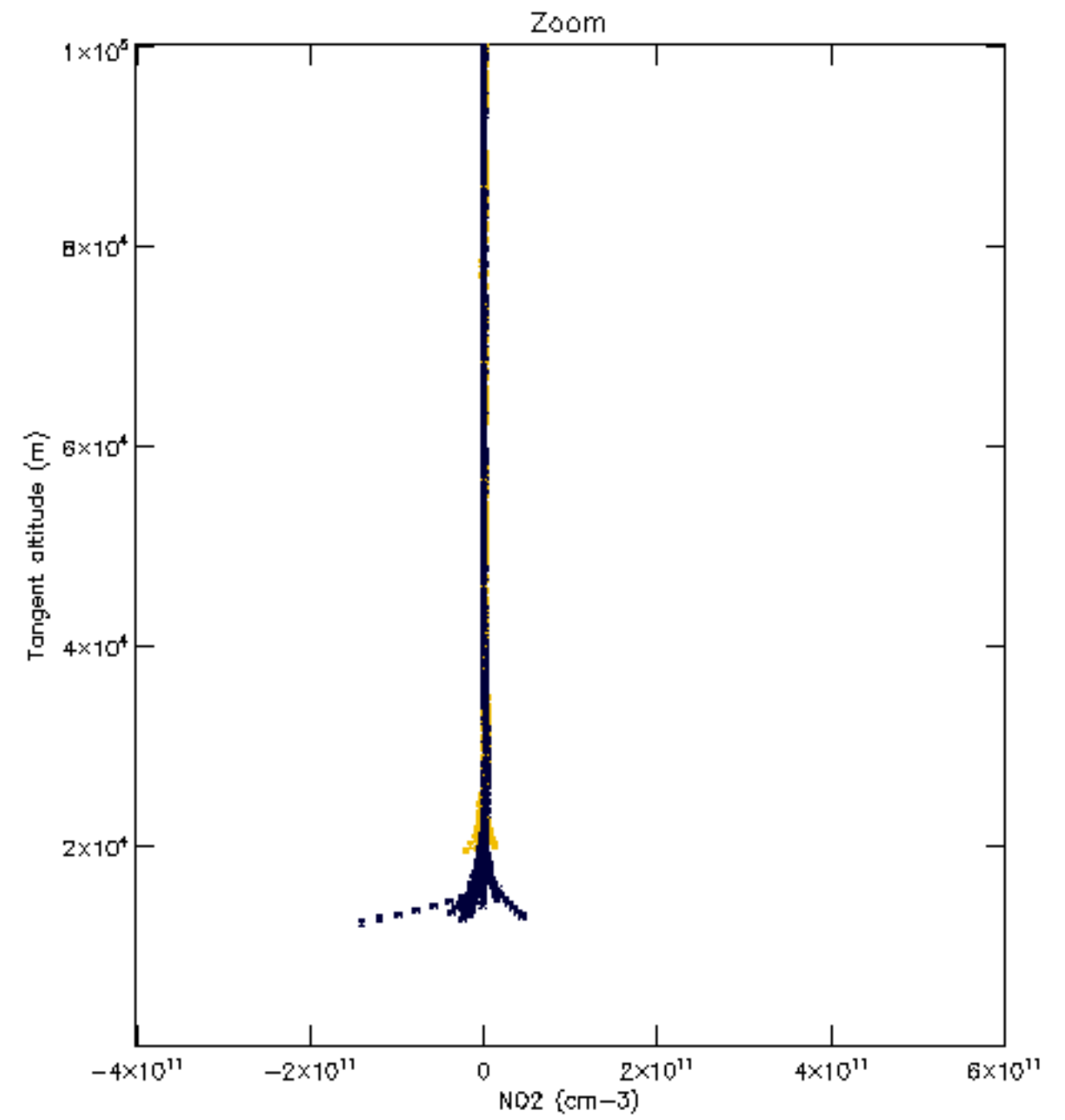
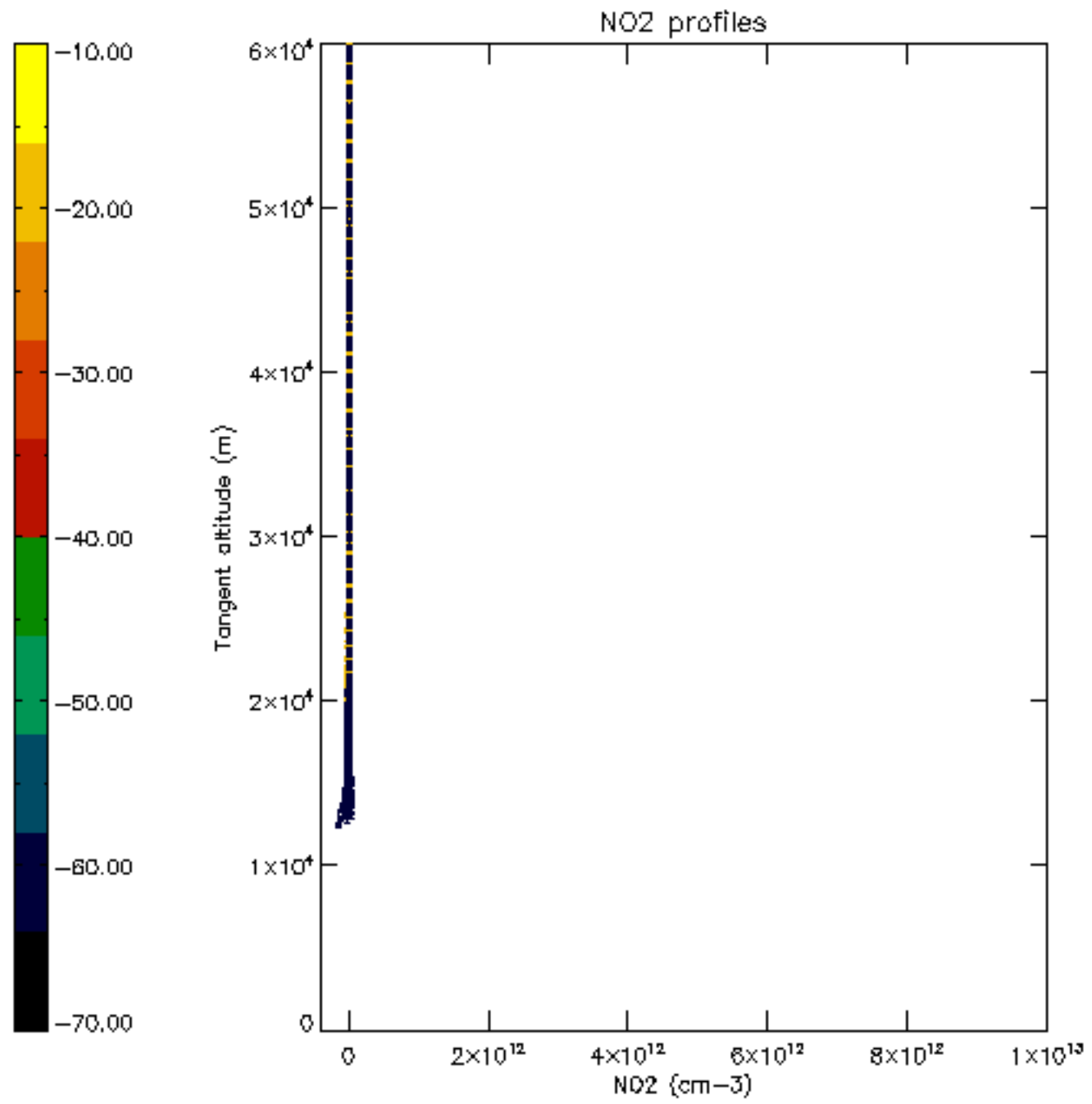


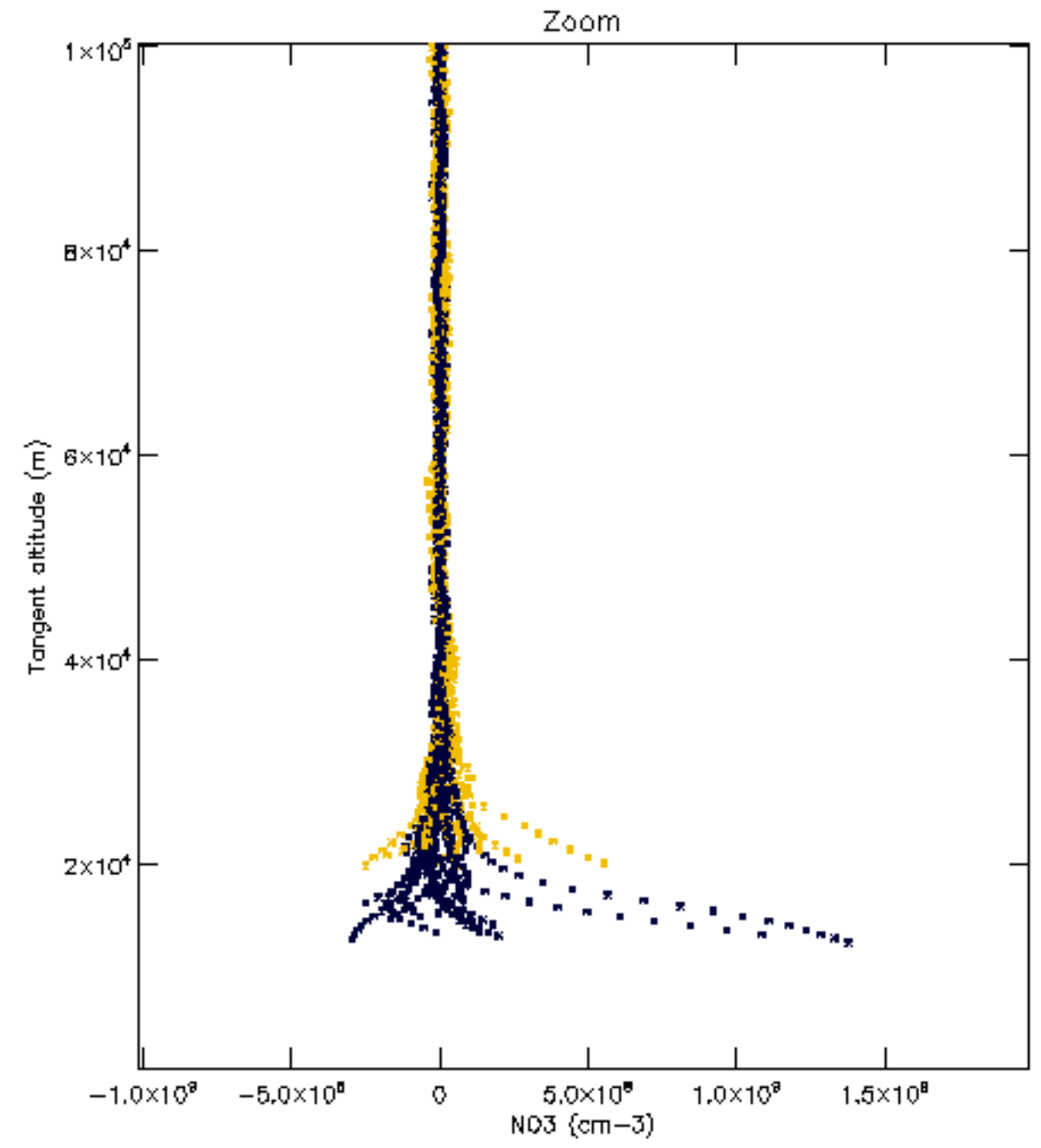
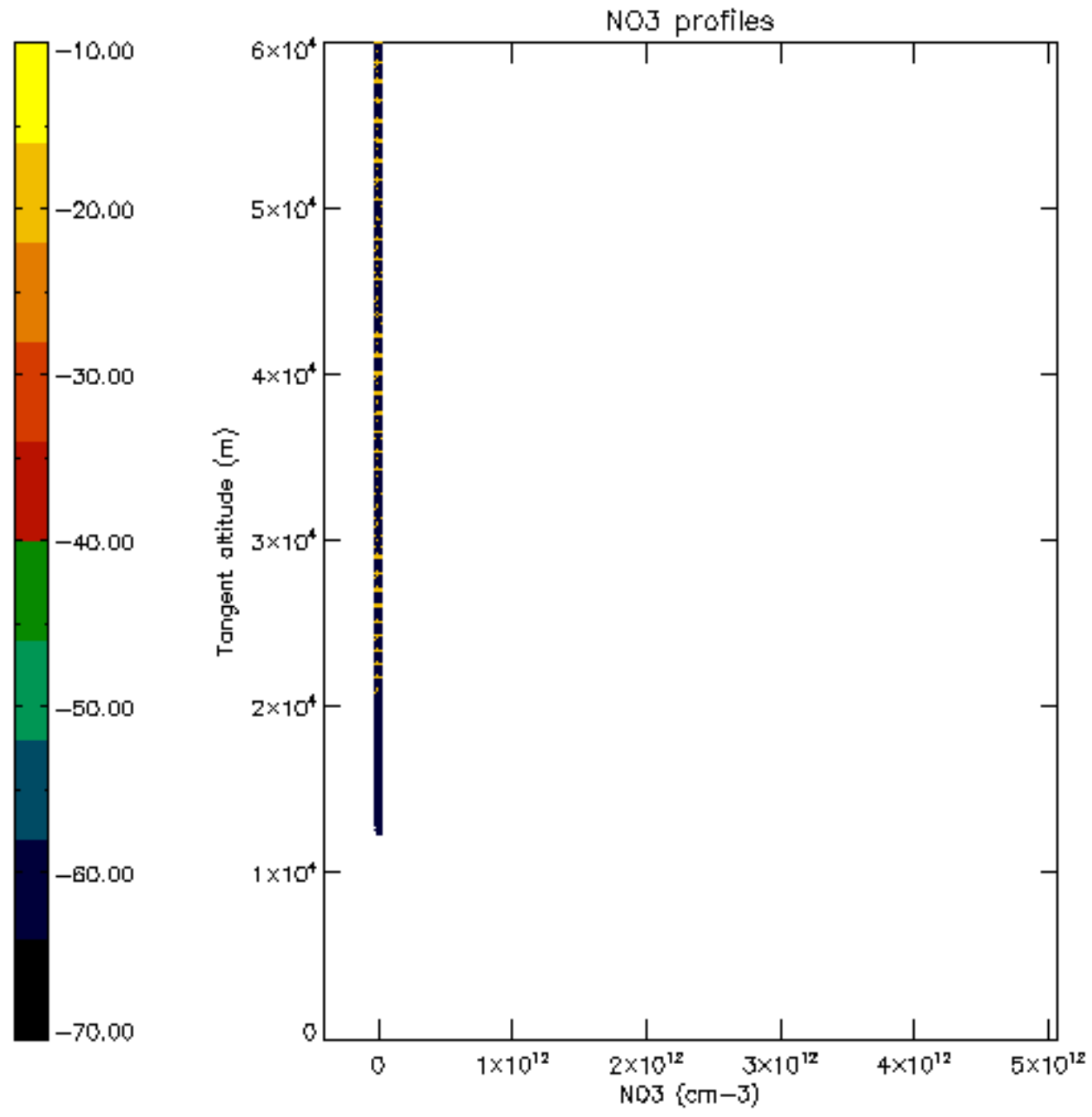


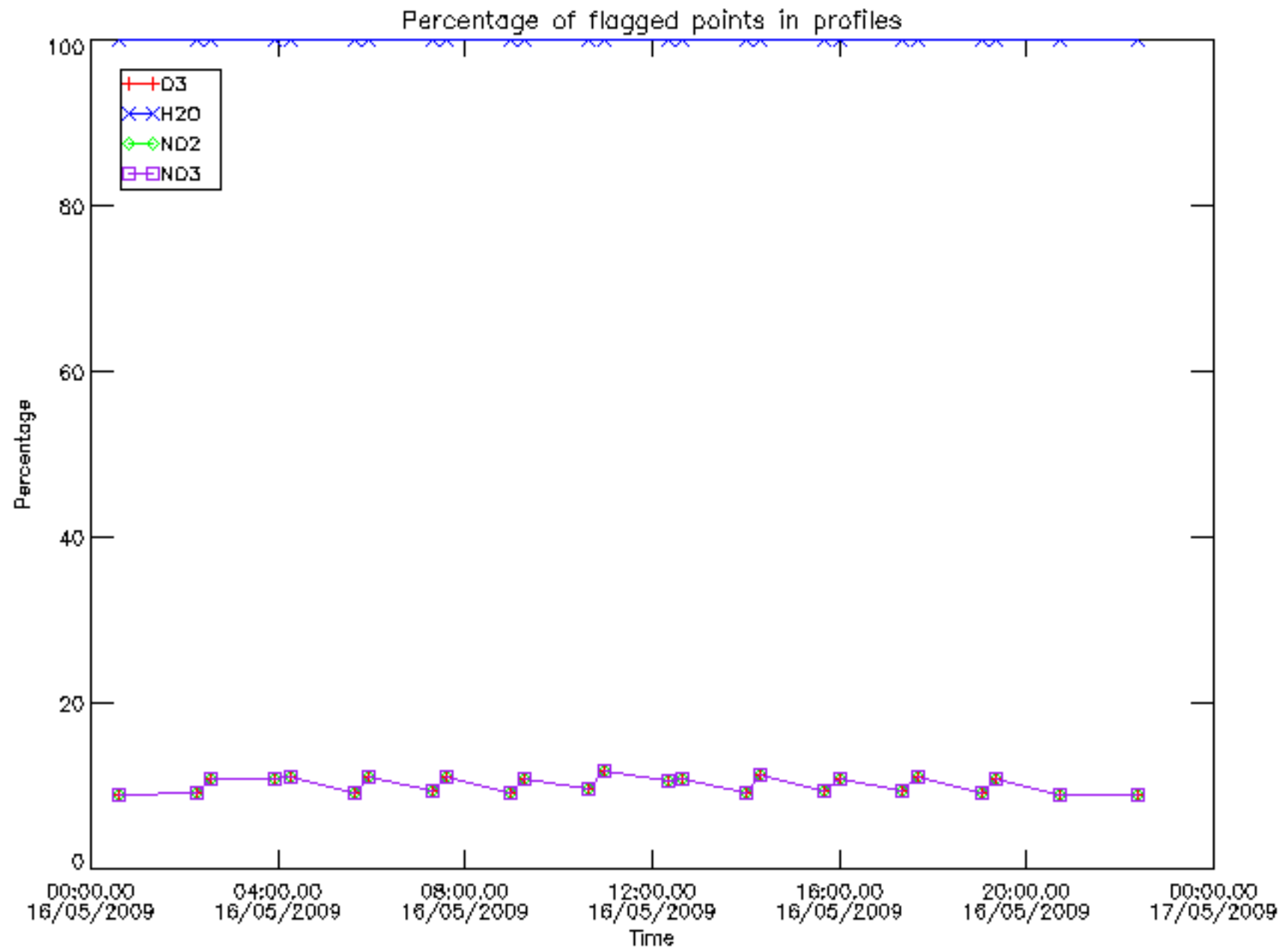




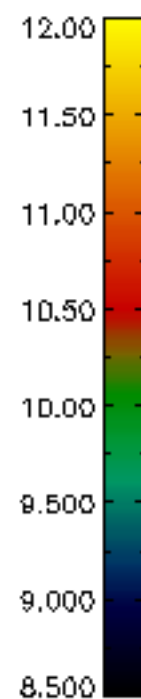
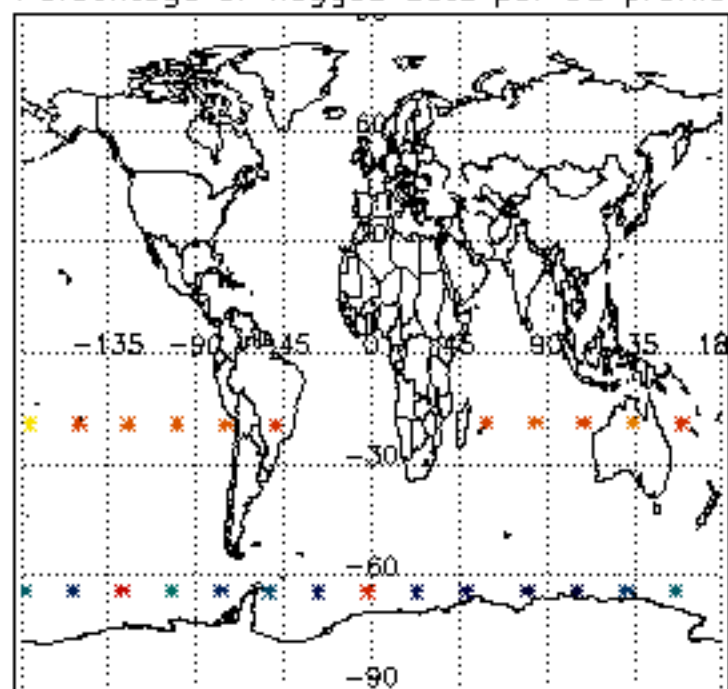




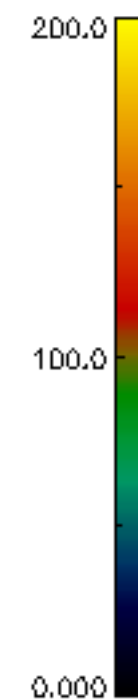
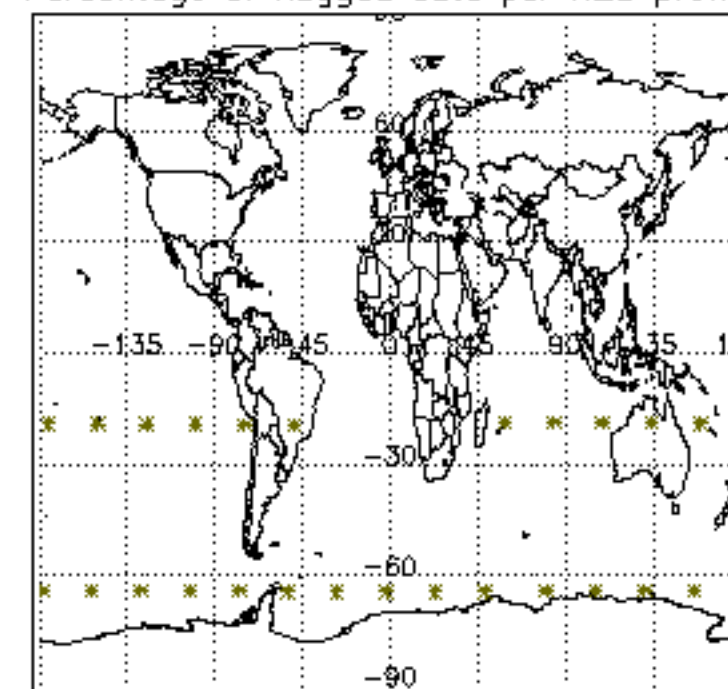




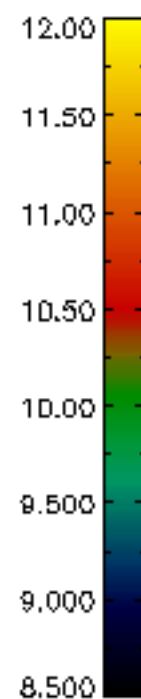
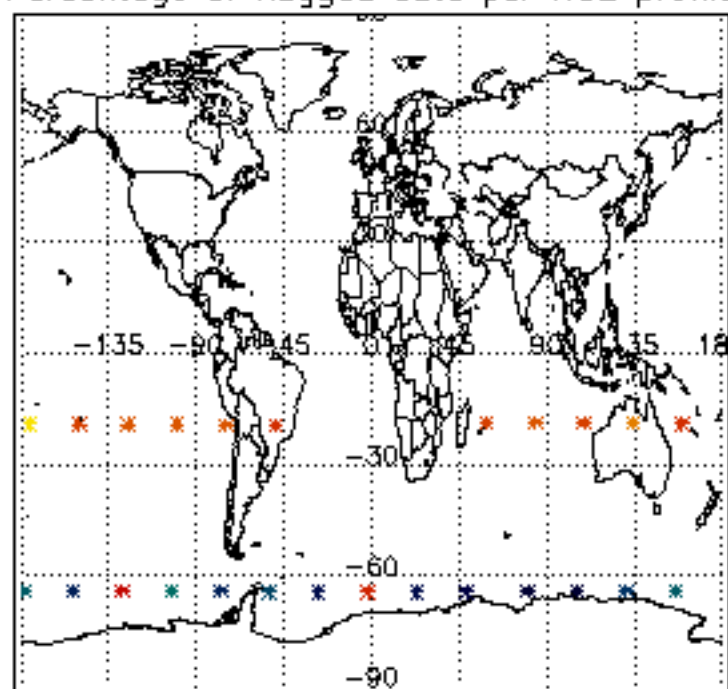
Percentage of flagged data per D3 profile



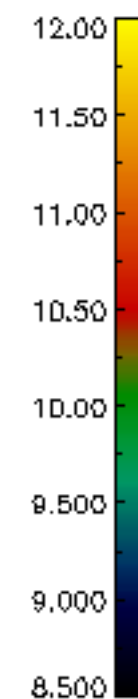
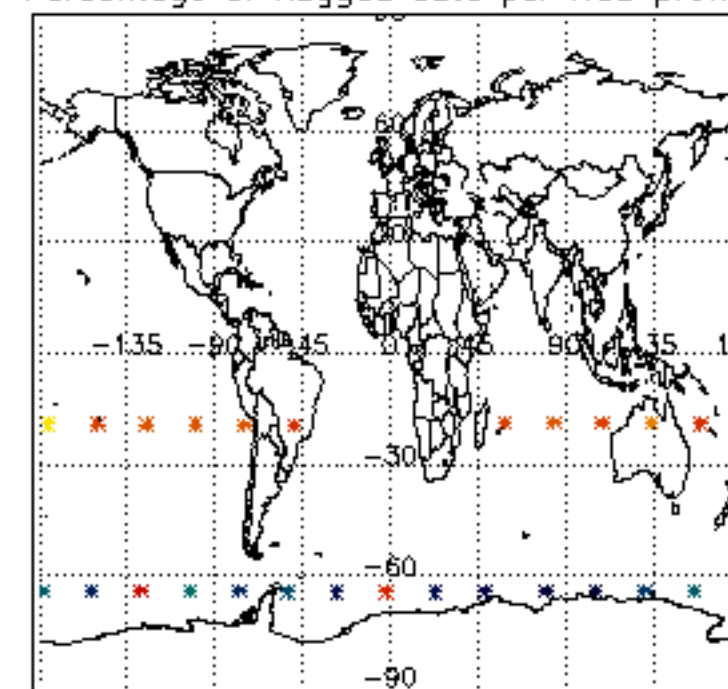
Percentage of flagged data per H2O profile

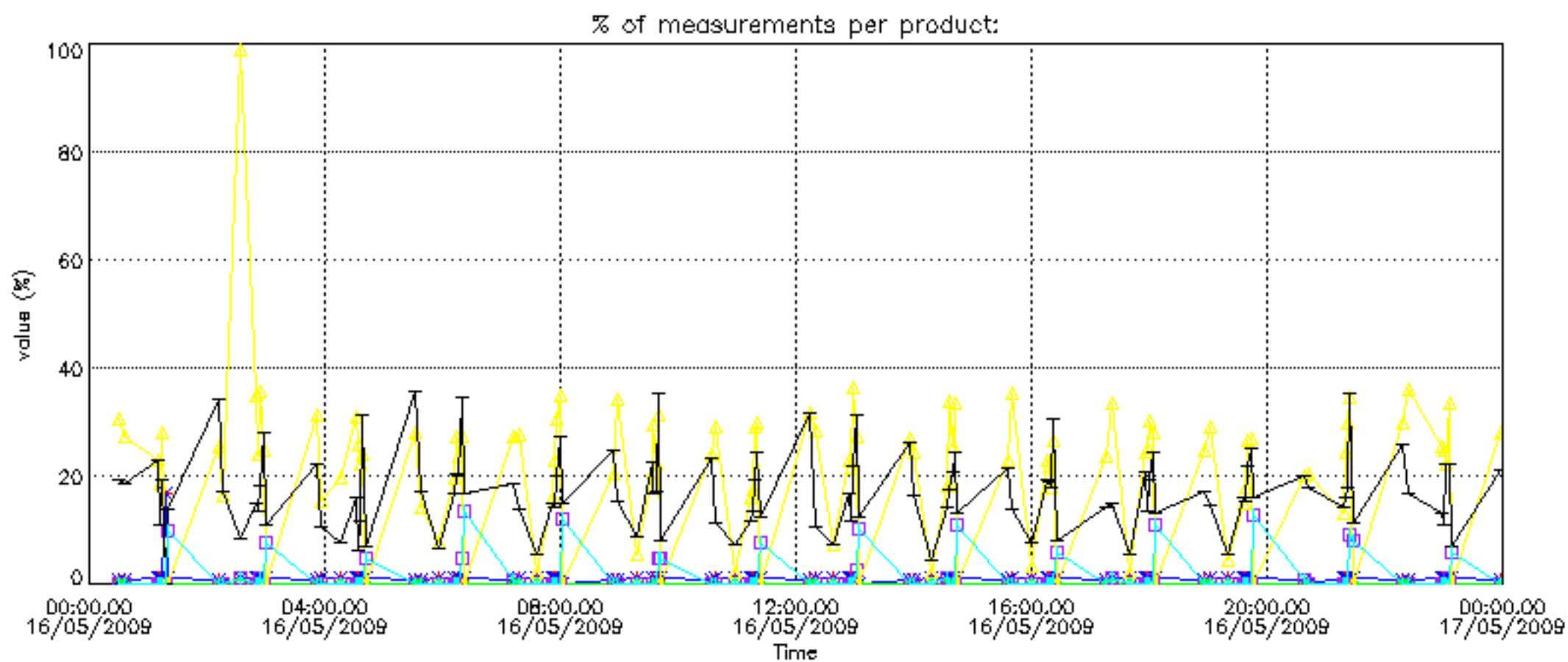


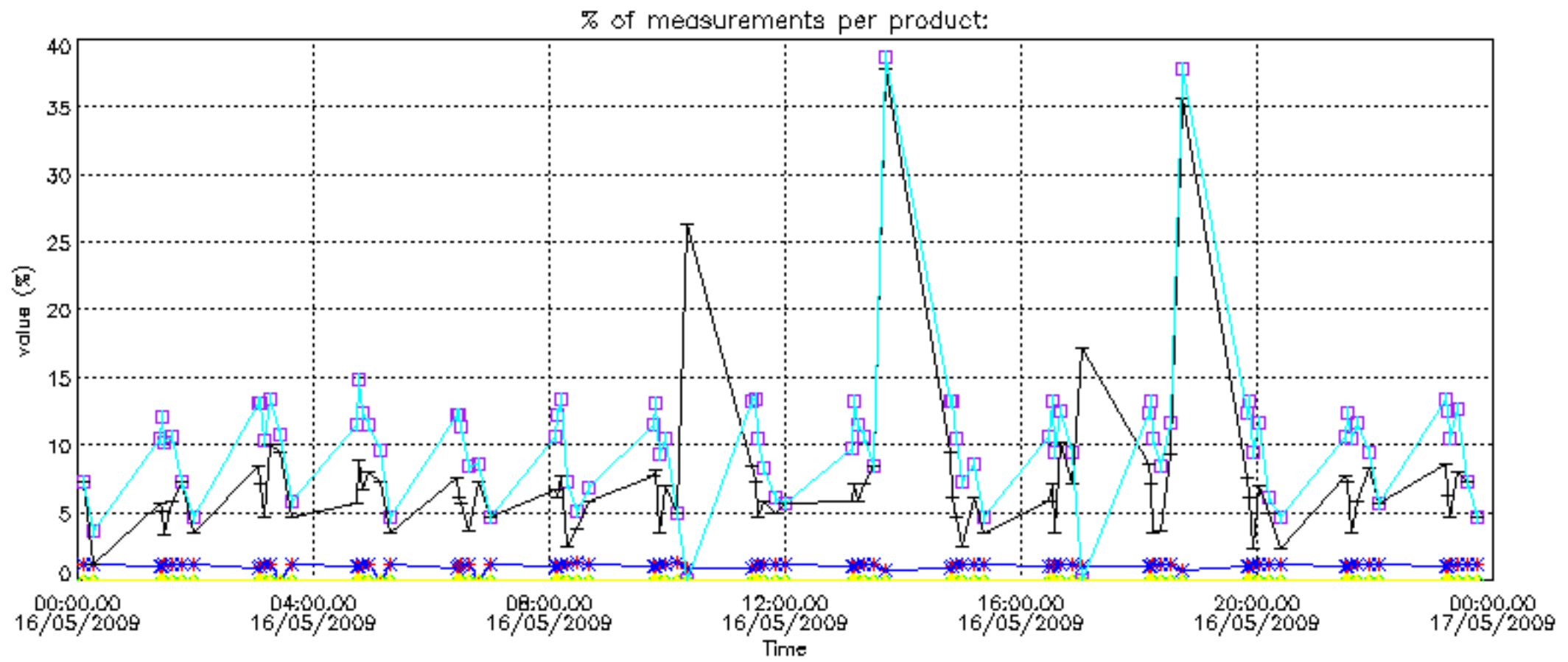
Percentage of flagged data per NO2 profile



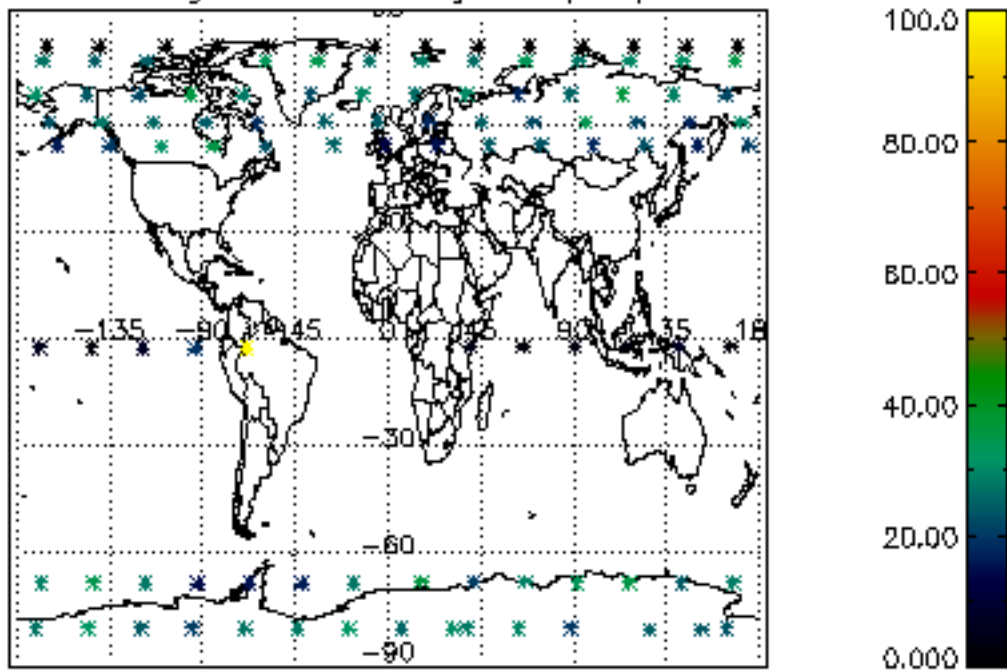
Percentage of flagged data per NO3 profile



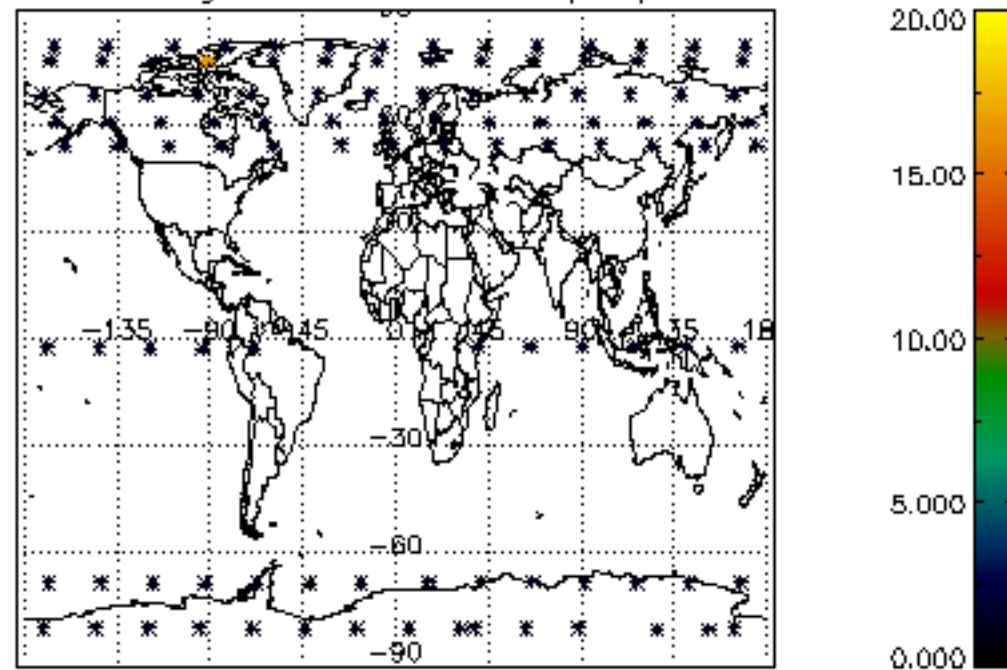




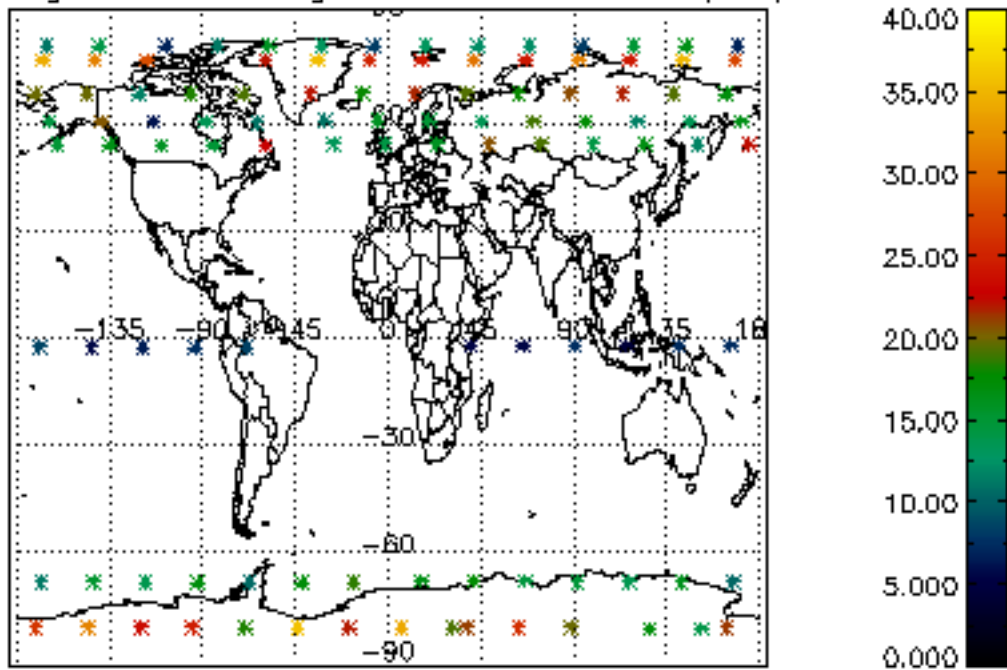
Percentage of cosmic ray hits per profile



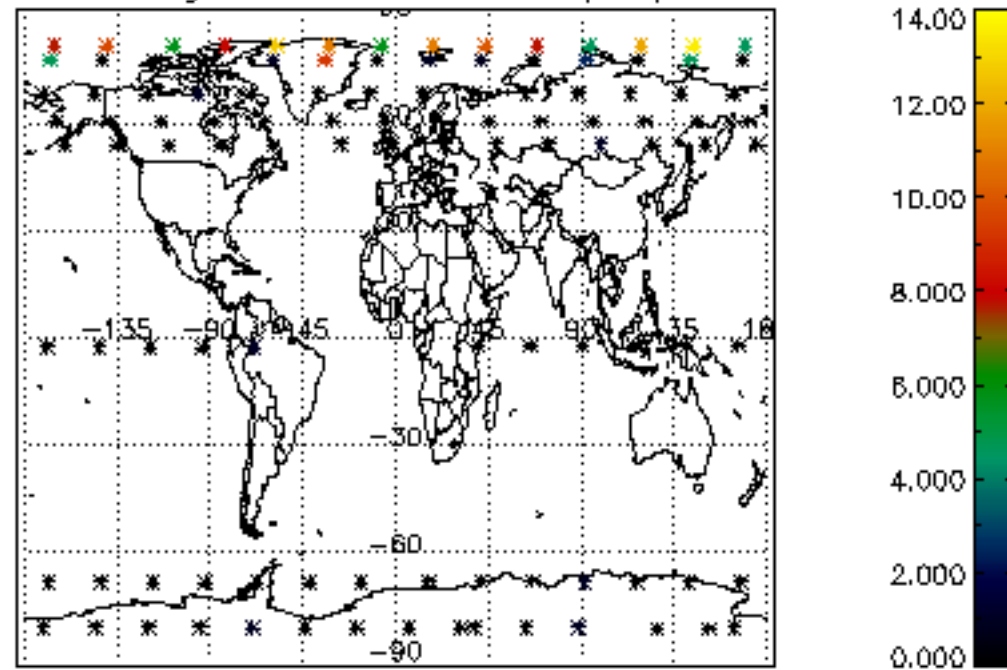
Percentage of datation errors per profile



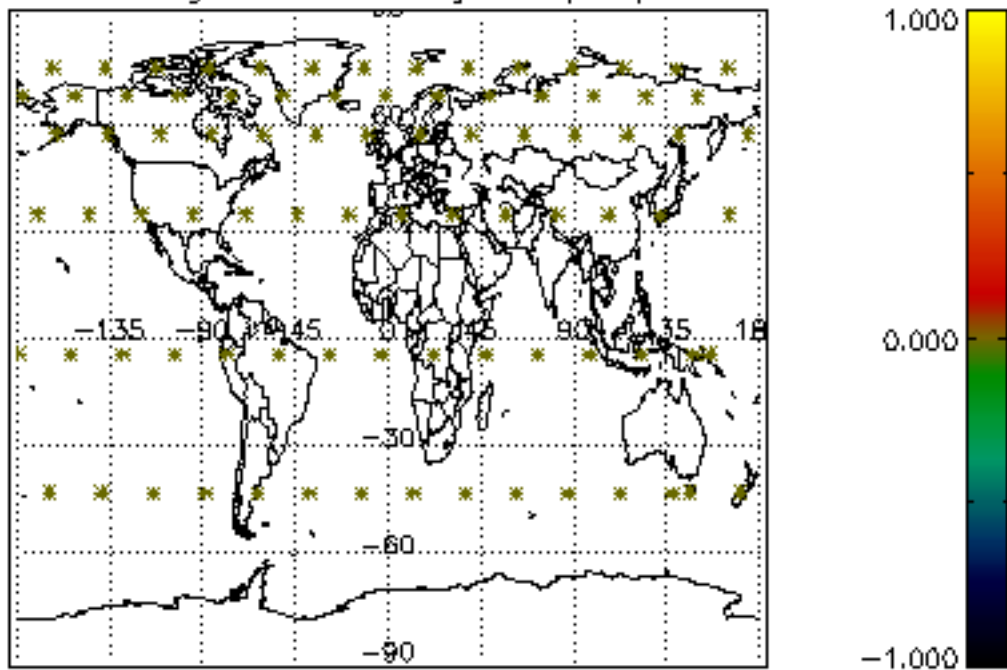
Percentage of star falling outside central band per profile



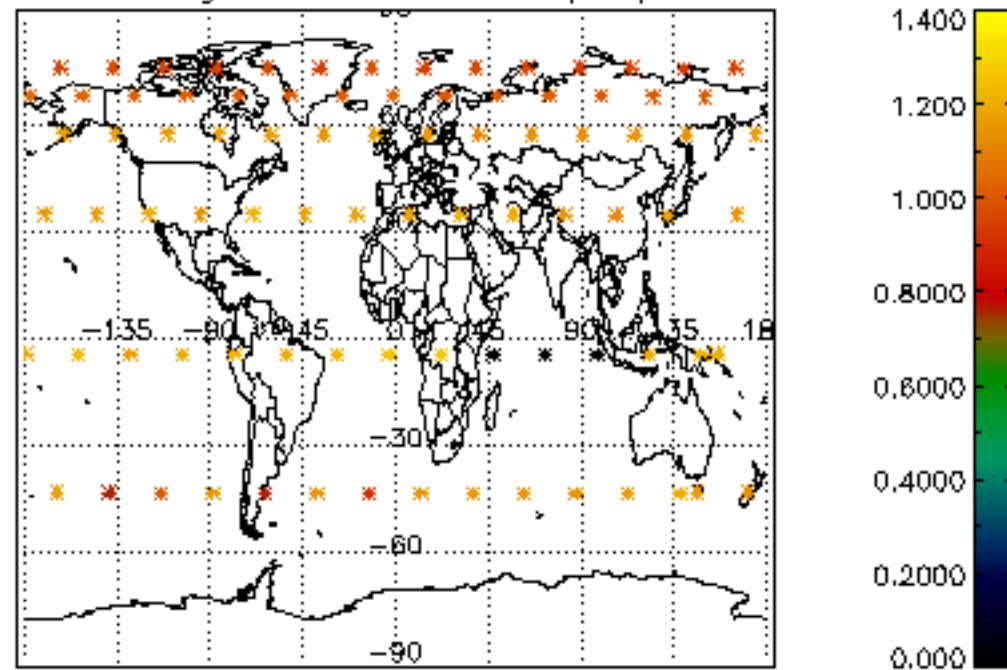
Percentage of saturation errors per profile



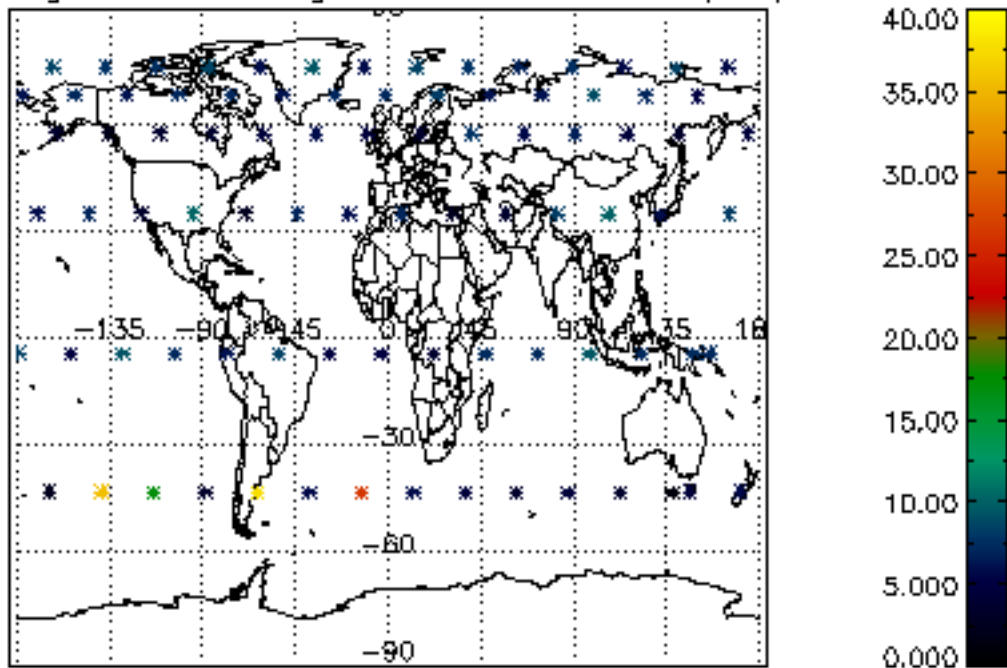
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

