

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	22APR2013 20:08:01
Data source version	GOMOS/6.01
Start time of products	29-05-2007 (29MAY2007 00:00:00)
Stop time of products	30-05-2007 (30MAY2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	296
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__2PRFIN20070529_000914_000000472058_00302_27410_4301.N1	29-MAY-2007 00:09:14	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	27410	No
2	GOM_NL__2PRFIN20070529_001558_000000442058_00302_27410_4302.N1	29-MAY-2007 00:15:58	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	27410	No
3	GOM_NL__2PRFIN20070529_002102_000000472058_00303_27411_4286.N1	29-MAY-2007 00:21:02	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	27411	No
4	GOM_NL__2PRFIN20070529_002250_000000442058_00303_27411_4287.N1	29-MAY-2007 00:22:50	Dark	44.000	31	Alp Gru	1.7340	15200.	88	27411	No
5	GOM_NL__2PRFIN20070529_002800_000000412058_00303_27411_4288.N1	29-MAY-2007 00:28:00	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	27411	No
6	GOM_NL__2PRFIN20070529_003427_000000432058_00303_27411_4289.N1	29-MAY-2007 00:34:27	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	27411	No
7	GOM_NL__2PRFIN20070529_003720_000000462058_00303_27411_4290.N1	29-MAY-2007 00:37:20	Straylight	46.000	40	The Sco	1.8590	7100.0	92	27411	No
8	GOM_NL__2PRFIN20070529_003909_000000492058_00303_27411_4291.N1	29-MAY-2007 00:39:09	Twilight_stray	49.000	25	35Lam Sco	1.6200	28000.	98	27411	No
9	GOM_NL__2PRFIN20070529_004101_000000482058_00303_27411_4292.N1	29-MAY-2007 00:41:01	Twilight_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	27411	No
10	GOM_NL__2PRFIN20070529_004307_000000442058_00303_27411_4293.N1	29-MAY-2007 00:43:07	Twilight_stray	44.000	136	23Tau Sco	2.8220	30000.	88	27411	No
11	GOM_NL__2PRFIN20070529_004603_000000392058_00303_27411_4294.N1	29-MAY-2007 00:46:03	Bright	38.500	97	8Bet1Sco	2.5610	30000.	77	27411	No
12	GOM_NL__2PRFIN20070529_004928_000000362058_00303_27411_4295.N1	29-MAY-2007 00:49:28	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	27411	No
13	GOM_NL__2PRFIN20070529_005102_000000422058_00303_27411_4296.N1	29-MAY-2007 00:51:02	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	27411	No
14	GOM_NL__2PRFIN20070529_005403_000000382058_00303_27411_4297.N1	29-MAY-2007 00:54:03	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	27411	No
15	GOM_NL__2PRFIN20070529_005955_000000372058_00303_27411_4298.N1	29-MAY-2007 00:59:55	Bright	36.500	83		2.3780	11000.	73	27411	No
16	GOM_NL__2PRFIN20070529_010306_000000352058_00303_27411_4299.N1	29-MAY-2007 01:03:06	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	27411	No
17	GOM_NL__2PRFIN20070529_011046_000000402058_00303_27411_4300.N1	29-MAY-2007 01:10:46	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	27411	No
18	GOM_NL__2PRFIN20070529_011314_000000372058_00303_27411_4301.N1	29-MAY-2007 01:13:14	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27411	No
19	GOM_NL__2PRFIN20070529_011753_000000362058_00303_27411_4302.N1	29-MAY-2007 01:17:53	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27411	No
20	GOM_NL__2PRFIN20070529_012559_000000362058_00303_27411_4303.N1	29-MAY-2007 01:25:59	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	27411	No
21	GOM_NL__2PRFIN20070529_013335_000000402058_00303_27411_4304.N1	29-MAY-2007 01:33:35	Bright	39.500	53	43Bet And	2.0480	3300.0	79	27411	No
22	GOM_NL__2PRFIN20070529_014950_000000462058_00303_27411_4305.N1	29-MAY-2007 01:49:50	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	27411	No
23	GOM_NL__2PRFIN20070529_015635_000000432058_00303_27411_4306.N1	29-MAY-2007 01:56:35	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	27411	No
24	GOM_NL__2PRFIN20070529_020139_000000492058_00304_27412_4299.N1	29-MAY-2007 02:01:39	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	27412	No
25	GOM_NL__2PRFIN20070529_020327_000000452058_00304_27412_4300.N1	29-MAY-2007 02:03:27	Dark	45.000	31	Alp Gru	1.7340	15200.	90	27412	No
26	GOM_NL__2PRFIN20070529_020837_000000442058_00304_27412_4301.N1	29-MAY-2007 02:08:37	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	27412	No
27	GOM_NL__2PRFIN20070529_021503_000000422058_00304_27412_4302.N1	29-MAY-2007 02:15:03	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	27412	No
28	GOM_NL__2PRFIN20070529_021756_000000472058_00304_27412_4303.N1	29-MAY-2007 02:17:56	Straylight	46.500	40	The Sco	1.8590	7100.0	93	27412	No
29	GOM_NL__2PRFIN20070529_021945_000000482058_00304_27412_4304.N1	29-MAY-2007 02:19:45	Twilight_stray	47.500	25	35Lam Sco	1.6200	28000.	95	27412	No
30	GOM_NL__2PRFIN20070529_022138_000000452058_00304_27412_4305.N1	29-MAY-2007 02:21:38	Twilight_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	27412	No
31	GOM_NL__2PRFIN20070529_022343_000000412058_00304_27412_4306.N1	29-MAY-2007 02:23:43	Twilight_stray	41.000	136	23Tau Sco	2.8220	30000.	82	27412	No
32	GOM_NL__2PRFIN20070529_022639_000000402058_00304_27412_4307.N1	29-MAY-2007 02:26:39	Bright	39.500	97	8Bet1Sco	2.5610	30000.	79	27412	No
33	GOM_NL__2PRFIN20070529_023004_000000372058_00304_27412_4308.N1	29-MAY-2007 02:30:04	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	27412	No
34	GOM_NL__2PRFIN20070529_023137_000000412058_00304_27412_4309.N1	29-MAY-2007 02:31:37	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	27412	No
35	GOM_NL__2PRFIN20070529_023439_000000382058_00304_27412_4310.N1	29-MAY-2007 02:34:39	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	27412	No
36	GOM_NL__2PRFIN20070529_024031_000000372058_00304_27412_4311.N1	29-MAY-2007 02:40:31	Bright	36.500	83		2.3780	11000.	73	27412	No
37	GOM_NL__2PRFIN20070529_024342_000000352058_00304_27412_4312.N1	29-MAY-2007 02:43:42	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	27412	No
38	GOM_NL__2PRFIN20070529_025122_000000402058_00304_27412_4313.N1	29-MAY-2007 02:51:22	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	27412	No
39	GOM_NL__2PRFIN20070529_025350_000000332058_00304_27412_4314.N1	29-MAY-2007 02:53:50	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	27412	No
40	GOM_NL__2PRFIN20070529_025829_000000332058_00304_27412_4315.N1	29-MAY-2007 02:58:29	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	27412	No
41	GOM_NL__2PRFIN20070529_030635_000000552058_00304_27412_4316.N1	29-MAY-2007 03:06:35	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	27412	No
42	GOM_NL__2PRFIN20070529_031412_000000422058_00304_27412_4317.N1	29-MAY-2007 03:14:12	Bright	41.500	53	43Bet And	2.0480	3300.0	83	27412	No

43	GOM_NL__2PRFIN20070529_033027_000000462058_00304_27412_4318.N1	29-MAY-2007 03:30:27	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	27412	No
44	GOM_NL__2PRFIN20070529_033711_000000432058_00304_27412_4319.N1	29-MAY-2007 03:37:11	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27412	No
45	GOM_NL__2PRFIN20070529_034216_000000472058_00305_27413_4307.N1	29-MAY-2007 03:42:16	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	27413	No
46	GOM_NL__2PRFIN20070529_034404_000000442058_00305_27413_4308.N1	29-MAY-2007 03:44:04	Dark	44.000	31	Alp Gru	1.7340	15200.	88	27413	No
47	GOM_NL__2PRFIN20070529_034914_000000442058_00305_27413_4309.N1	29-MAY-2007 03:49:14	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	27413	No
48	GOM_NL__2PRFIN20070529_035540_000000412058_00305_27413_4310.N1	29-MAY-2007 03:55:40	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	27413	No
49	GOM_NL__2PRFIN20070529_035833_000000452058_00305_27413_4311.N1	29-MAY-2007 03:58:33	Straylight	45.000	40	The Sco	1.8590	7100.0	90	27413	No
50	GOM_NL__2PRFIN20070529_040022_000000502058_00305_27413_4312.N1	29-MAY-2007 04:00:22	Twi_and_stray	49.500	25	35Lam Sco	1.6200	28000.	99	27413	No
51	GOM_NL__2PRFIN20070529_040214_000000472058_00305_27413_4313.N1	29-MAY-2007 04:02:14	Twi_and_stray	47.000	75	26Eps Sco	2.2910	4250.0	94	27413	No
52	GOM_NL__2PRFIN20070529_040419_000000422058_00305_27413_4314.N1	29-MAY-2007 04:04:19	Twi_and_stray	42.000	136	23Tau Sco	2.8220	30000.	84	27413	No
53	GOM_NL__2PRFIN20070529_040715_000000402058_00305_27413_4315.N1	29-MAY-2007 04:07:15	Bright	39.500	97	8Bet1Sco	2.5610	30000.	79	27413	No
54	GOM_NL__2PRFIN20070529_041040_000000362058_00305_27413_4316.N1	29-MAY-2007 04:10:40	Bright	35.500	104	27Bet Lib	2.6140	13100.	71	27413	No
55	GOM_NL__2PRFIN20070529_041213_000000412058_00305_27413_4317.N1	29-MAY-2007 04:12:13	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	27413	No
56	GOM_NL__2PRFIN20070529_041515_000000382058_00305_27413_4318.N1	29-MAY-2007 04:15:15	Bright	38.000	102	24Alp Ser	2.6000	4250.0	76	27413	No
57	GOM_NL__2PRFIN20070529_042107_000000362058_00305_27413_4319.N1	29-MAY-2007 04:21:07	Bright	35.500	83		2.3780	11000.	71	27413	No
58	GOM_NL__2PRFIN20070529_042418_000000332058_00305_27413_4320.N1	29-MAY-2007 04:24:18	Bright	33.000	180	27Gam Boo	3.0400	8000.0	66	27413	No
59	GOM_NL__2PRFIN20070529_043157_000000392058_00305_27413_4321.N1	29-MAY-2007 04:31:57	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	27413	No
60	GOM_NL__2PRFIN20070529_043426_000000372058_00305_27413_4322.N1	29-MAY-2007 04:34:26	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27413	No
61	GOM_NL__2PRFIN20070529_043905_000000322058_00305_27413_4323.N1	29-MAY-2007 04:39:05	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	27413	No
62	GOM_NL__2PRFIN20070529_044711_000000382058_00305_27413_4324.N1	29-MAY-2007 04:47:11	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	27413	No
63	GOM_NL__2PRFIN20070529_045448_000000392058_00305_27413_4325.N1	29-MAY-2007 04:54:48	Bright	38.500	53	43Bet And	2.0480	3300.0	77	27413	No
64	GOM_NL__2PRFIN20070529_051103_000000472058_00305_27413_4326.N1	29-MAY-2007 05:11:03	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	27413	No
65	GOM_NL__2PRFIN20070529_051748_000000422058_00305_27413_4327.N1	29-MAY-2007 05:17:48	Dark	41.500	84	Alp Phe	2.3970	4500.0	83	27413	No
66	GOM_NL__2PRFIN20070529_052253_000000472058_00306_27414_4315.N1	29-MAY-2007 05:22:53	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	27414	No
67	GOM_NL__2PRFIN20070529_052441_000000432058_00306_27414_4316.N1	29-MAY-2007 05:24:41	Dark	43.000	31	Alp Gru	1.7340	15200.	86	27414	No
68	GOM_NL__2PRFIN20070529_052950_000000422058_00306_27414_4317.N1	29-MAY-2007 05:29:50	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27414	No
69	GOM_NL__2PRFIN20070529_053616_000000402058_00306_27414_4318.N1	29-MAY-2007 05:36:16	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27414	No
70	GOM_NL__2PRFIN20070529_053909_000000462058_00306_27414_4319.N1	29-MAY-2007 05:39:09	Straylight	45.500	40	The Sco	1.8590	7100.0	91	27414	No
71	GOM_NL__2PRFIN20070529_054058_000000482058_00306_27414_4320.N1	29-MAY-2007 05:40:58	Twi_and_stray	48.000	25	35Lam Sco	1.6200	28000.	96	27414	No
72	GOM_NL__2PRFIN20070529_054250_000000452058_00306_27414_4321.N1	29-MAY-2007 05:42:50	Twi_and_stray	44.500	75	26Eps Sco	2.2910	4250.0	89	27414	No
73	GOM_NL__2PRFIN20070529_054455_000000422058_00306_27414_4322.N1	29-MAY-2007 05:44:55	Twi_and_stray	42.000	136	23Tau Sco	2.8220	30000.	84	27414	No
74	GOM_NL__2PRFIN20070529_054751_000000392058_00306_27414_4323.N1	29-MAY-2007 05:47:51	Bright	39.000	97	8Bet1Sco	2.5610	30000.	78	27414	No
75	GOM_NL__2PRFIN20070529_055116_000000362058_00306_27414_4324.N1	29-MAY-2007 05:51:16	Bright	35.500	104	27Bet Lib	2.6140	13100.	71	27414	No
76	GOM_NL__2PRFIN20070529_055249_000000412058_00306_27414_4325.N1	29-MAY-2007 05:52:49	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	27414	No
77	GOM_NL__2PRFIN20070529_055551_000000382058_00306_27414_4326.N1	29-MAY-2007 05:55:51	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	27414	No
78	GOM_NL__2PRFIN20070529_060143_000000432058_00306_27414_4327.N1	29-MAY-2007 06:01:43	Bright	43.000	83		2.3780	11000.	86	27414	No
79	GOM_NL__2PRFIN20070529_060454_000000342058_00306_27414_4328.N1	29-MAY-2007 06:04:54	Bright	33.500	180	27Gam Boo	3.0400	8000.0	67	27414	No
80	GOM_NL__2PRFIN20070529_061233_000000392058_00306_27414_4329.N1	29-MAY-2007 06:12:33	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	27414	No
81	GOM_NL__2PRFIN20070529_061502_000000372058_00306_27414_4330.N1	29-MAY-2007 06:15:02	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27414	No
82	GOM_NL__2PRFIN20070529_061941_000000342058_00306_27414_4331.N1	29-MAY-2007 06:19:41	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	27414	No
83	GOM_NL__2PRFIN20070529_062747_000000402058_00306_27414_4332.N1	29-MAY-2007 06:27:47	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	27414	No
84	GOM_NL__2PRFIN20070529_063524_000000412058_00306_27414_4333.N1	29-MAY-2007 06:35:24	Bright	40.500	53	43Bet And	2.0480	3300.0	81	27414	No
85	GOM_NL__2PRFIN20070529_065140_000000472058_00306_27414_4334.N1	29-MAY-2007 06:51:40	Dark	47.000	52	16Bet Cet	2.0370	4500.0	94	27414	No
86	GOM_NL__2PRFIN20070529_065824_000000432058_00306_27414_4335.N1	29-MAY-2007 06:58:24	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27414	No
87	GOM_NL__2PRFIN20070529_070329_000000612058_00307_27415_4339.N1	29-MAY-2007 07:03:29	Dark	60.500	63	Bet Gru	2.1500	2800.0	121	27415	No
88	GOM_NL__2PRFIN20070529_070518_000000462058_00307_27415_4340.N1	29-MAY-2007 07:05:18	Dark	45.500	31	Alp Gru	1.7340	15200.	91	27415	No
89	GOM_NL__2PRFIN20070529_071027_000000422058_00307_27415_4341.N1	29-MAY-2007 07:10:27	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27415	No
90	GOM_NL__2PRFIN20070529_071653_000000442058_00307_27415_4342.N1	29-MAY-2007 07:16:53	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	27415	No
91	GOM_NL__2PRFIN20070529_071946_000000462058_00307_27415_4343.N1	29-MAY-2007 07:19:46	Straylight	45.500	40	The Sco	1.8590	7100.0	91	27415	No
92	GOM_NL__2PRFIN20070529_072135_000000472058_00307_27415_4344.N1	29-MAY-2007 07:21:35	Twi_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	27415	No
93	GOM_NL__2PRFIN20070529_072327_000000462058_00307_27415_4345.N1	29-MAY-2007 07:23:27	Twi_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	27415	No
94	GOM_NL__2PRFIN20070529_072532_000000422058_00307_27415_4346.N1	29-MAY-2007 07:25:32	Twi_and_stray	41.500	136	23Tau Sco	2.8220	30000.	83	27415	No
95	GOM_NL__2PRFIN20070529_072827_000000382058_00307_27415_4347.N1	29-MAY-2007 07:28:27	Bright	38.000	97	8Bet1Sco	2.5610	30000.	76	27415	No
96	GOM_NL__2PRFIN20070529_073152_000000362058_00307_27415_4348.N1	29-MAY-2007 07:31:52	Bright	35.500	104	27Bet Lib	2.6140	13100.	71	27415	No
97	GOM_NL__2PRFIN20070529_073325_000000412058_00307_27415_4349.N1	29-MAY-2007 07:33:25	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	27415	No
98	GOM_NL__2PRFIN20070529_073627_000000382058_00307_27415_4350.N1	29-MAY-2007 07:36:27	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	27415	No
99	GOM_NL__2PRFIN20070529_074219_000000342058_00307_27415_4351.N1	29-MAY-2007 07:42:19	Bright	33.500	83		2.3780	11000.	67	27415	No
100	GOM_NL__2PRFIN20070529_074530_000000352058_00307_27415_4352.N1	29-MAY-2007 07:45:30	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	27415	No
101	GOM_NL__2PRFIN20070529_075309_000000392058_00307_27415_4353.N1	29-MAY-2007 07:53:09	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	27415	No

102	GOM_NL__2PRFIN20070529_075538_000000362058_00307_27415_4354.N1	29-MAY-2007 07:55:38	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27415	No
103	GOM_NL__2PRFIN20070529_080017_000000332058_00307_27415_4355.N1	29-MAY-2007 08:00:17	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	27415	No
104	GOM_NL__2PRFIN20070529_080823_000000372058_00307_27415_4356.N1	29-MAY-2007 08:08:23	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	27415	No
105	GOM_NL__2PRFIN20070529_081600_000000422058_00307_27415_4357.N1	29-MAY-2007 08:16:00	Bright	41.500	53	43Bet And	2.0480	3300.0	83	27415	No
106	GOM_NL__2PRFIN20070529_083217_000000442058_00307_27415_4358.N1	29-MAY-2007 08:32:17	Dark	44.000	52	16Bet Cet	2.0370	4500.0	88	27415	No
107	GOM_NL__2PRFIN20070529_083901_000000422058_00307_27415_4359.N1	29-MAY-2007 08:39:01	Dark	42.000	84	Alp Phe	2.3970	4500.0	84	27415	No
108	GOM_NL__2PRFIN20070529_084406_000000582058_00308_27416_4456.N1	29-MAY-2007 08:44:06	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	27416	No
109	GOM_NL__2PRFIN20070529_084555_000000462058_00308_27416_4457.N1	29-MAY-2007 08:45:55	Dark	45.500	31	Alp Gru	1.7340	15200.	91	27416	No
110	GOM_NL__2PRFIN20070529_085104_000000422058_00308_27416_4458.N1	29-MAY-2007 08:51:04	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27416	No
111	GOM_NL__2PRFIN20070529_085729_000000402058_00308_27416_4459.N1	29-MAY-2007 08:57:29	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27416	No
112	GOM_NL__2PRFIN20070529_090022_000000522058_00308_27416_4460.N1	29-MAY-2007 09:00:22	Straylight	51.500	40	The Sco	1.8590	7100.0	103	27416	No
113	GOM_NL__2PRFIN20070529_090211_000000472058_00308_27416_4461.N1	29-MAY-2007 09:02:11	Twi_and_stray	47.000	25	35Lam Sco	1.6200	28000.	94	27416	No
114	GOM_NL__2PRFIN20070529_090403_000000502058_00308_27416_4462.N1	29-MAY-2007 09:04:03	Twi_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	27416	No
115	GOM_NL__2PRFIN20070529_090608_000000422058_00308_27416_4463.N1	29-MAY-2007 09:06:08	Twi_and_stray	41.500	136	23Tau Sco	2.8220	30000.	83	27416	No
116	GOM_NL__2PRFIN20070529_090903_000000392058_00308_27416_4464.N1	29-MAY-2007 09:09:03	Bright	39.000	97	8Bet1Sco	2.5610	30000.	78	27416	No
117	GOM_NL__2PRFIN20070529_091228_000000362058_00308_27416_4465.N1	29-MAY-2007 09:12:28	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	27416	No
118	GOM_NL__2PRFIN20070529_091401_000000412058_00308_27416_4466.N1	29-MAY-2007 09:14:01	Bright	41.000	120	1Del Oph	2.7340	3200.0	82	27416	No
119	GOM_NL__2PRFIN20070529_091703_000000382058_00308_27416_4467.N1	29-MAY-2007 09:17:03	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	27416	No
120	GOM_NL__2PRFIN20070529_092255_000000342058_00308_27416_4468.N1	29-MAY-2007 09:22:55	Bright	33.500	83		2.3780	11000.	67	27416	No
121	GOM_NL__2PRFIN20070529_092606_000000352058_00308_27416_4469.N1	29-MAY-2007 09:26:06	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	27416	No
122	GOM_NL__2PRFIN20070529_093344_000000392058_00308_27416_4470.N1	29-MAY-2007 09:33:44	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	27416	No
123	GOM_NL__2PRFIN20070529_093614_000000372058_00308_27416_4471.N1	29-MAY-2007 09:36:14	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27416	No
124	GOM_NL__2PRFIN20070529_094053_000000352058_00308_27416_4472.N1	29-MAY-2007 09:40:53	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27416	No
125	GOM_NL__2PRFIN20070529_094859_000000502058_00308_27416_4473.N1	29-MAY-2007 09:48:59	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	27416	No
126	GOM_NL__2PRFIN20070529_095636_000000412058_00308_27416_4474.N1	29-MAY-2007 09:56:36	Bright	41.000	53	43Bet And	2.0480	3300.0	82	27416	No
127	GOM_NL__2PRFIN20070529_101253_000000452058_00308_27416_4475.N1	29-MAY-2007 10:12:53	Dark	44.500	52	16Bet Cet	2.0370	4500.0	89	27416	No
128	GOM_NL__2PRFIN20070529_101937_000000432058_00308_27416_4476.N1	29-MAY-2007 10:19:37	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	27416	No
129	GOM_NL__2PRFIN20070529_102443_000000472058_00309_27417_4467.N1	29-MAY-2007 10:24:43	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	27417	No
130	GOM_NL__2PRFIN20070529_102631_000000452058_00309_27417_4468.N1	29-MAY-2007 10:26:31	Dark	45.000	31	Alp Gru	1.7340	15200.	90	27417	No
131	GOM_NL__2PRFIN20070529_103140_000000422058_00309_27417_4469.N1	29-MAY-2007 10:31:40	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	27417	No
132	GOM_NL__2PRFIN20070529_103805_000000402058_00309_27417_4470.N1	29-MAY-2007 10:38:05	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27417	No
133	GOM_NL__2PRFIN20070529_104058_000000502058_00309_27417_4471.N1	29-MAY-2007 10:40:58	Straylight	49.500	40	The Sco	1.8590	7100.0	99	27417	No
134	GOM_NL__2PRFIN20070529_104247_000000472058_00309_27417_4472.N1	29-MAY-2007 10:42:47	Twi_and_stray	46.500	25	35Lam Sco	1.6200	28000.	93	27417	No
135	GOM_NL__2PRFIN20070529_104439_000000482058_00309_27417_4473.N1	29-MAY-2007 10:44:39	Twi_and_stray	47.500	75	26Eps Sco	2.2910	4250.0	95	27417	No
136	GOM_NL__2PRFIN20070529_104644_000000422058_00309_27417_4474.N1	29-MAY-2007 10:46:44	Twi_and_stray	41.500	136	23Tau Sco	2.8220	30000.	83	27417	No
137	GOM_NL__2PRFIN20070529_104939_000000382058_00309_27417_4475.N1	29-MAY-2007 10:49:39	Bright	37.500	97	8Bet1Sco	2.5610	30000.	75	27417	No
138	GOM_NL__2PRFIN20070529_105304_000000372058_00309_27417_4476.N1	29-MAY-2007 10:53:04	Bright	36.500	104	27Bet Lib	2.6140	13100.	73	27417	No
139	GOM_NL__2PRFIN20070529_105437_000000412058_00309_27417_4477.N1	29-MAY-2007 10:54:37	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	27417	No
140	GOM_NL__2PRFIN20070529_105739_000000382058_00309_27417_4478.N1	29-MAY-2007 10:57:39	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	27417	No
141	GOM_NL__2PRFIN20070529_110331_000000352058_00309_27417_4479.N1	29-MAY-2007 11:03:31	Bright	35.000	83		2.3780	11000.	70	27417	No
142	GOM_NL__2PRFIN20070529_110642_000000352058_00309_27417_4480.N1	29-MAY-2007 11:06:42	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	27417	No
143	GOM_NL__2PRFIN20070529_111420_000000402058_00309_27417_4481.N1	29-MAY-2007 11:14:20	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	27417	No
144	GOM_NL__2PRFIN20070529_111650_000000362058_00309_27417_4482.N1	29-MAY-2007 11:16:50	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27417	No
145	GOM_NL__2PRFIN20070529_112129_000000362058_00309_27417_4483.N1	29-MAY-2007 11:21:29	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27417	No
146	GOM_NL__2PRFIN20070529_112935_000000552058_00309_27417_4484.N1	29-MAY-2007 11:29:35	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	27417	No
147	GOM_NL__2PRFIN20070529_113712_000000412058_00309_27417_4485.N1	29-MAY-2007 11:37:12	Bright	41.000	53	43Bet And	2.0480	3300.0	82	27417	No
148	GOM_NL__2PRFIN20070529_115329_000000472058_00309_27417_4486.N1	29-MAY-2007 11:53:29	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	27417	No
149	GOM_NL__2PRFIN20070529_120014_000000392058_00309_27417_4487.N1	29-MAY-2007 12:00:14	Dark	38.500	84	Alp Phe	2.3970	4500.0	77	27417	No
150	GOM_NL__2PRFIN20070529_120520_000000582058_00310_27418_4482.N1	29-MAY-2007 12:05:20	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	27418	No
151	GOM_NL__2PRFIN20070529_120708_000000482058_00310_27418_4483.N1	29-MAY-2007 12:07:08	Dark	47.500	31	Alp Gru	1.7340	15200.	95	27418	No
152	GOM_NL__2PRFIN20070529_121217_000000432058_00310_27418_4484.N1	29-MAY-2007 12:12:17	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27418	No
153	GOM_NL__2PRFIN20070529_121841_000000412058_00310_27418_4485.N1	29-MAY-2007 12:18:41	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	27418	No
154	GOM_NL__2PRFIN20070529_122135_000000442058_00310_27418_4486.N1	29-MAY-2007 12:21:35	Straylight	43.500	40	The Sco	1.8590	7100.0	87	27418	No
155	GOM_NL__2PRFIN20070529_122324_000000482058_00310_27418_4487.N1	29-MAY-2007 12:23:24	Twi_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	27418	No
156	GOM_NL__2PRFIN20070529_122515_000000462058_00310_27418_4488.N1	29-MAY-2007 12:25:15	Twi_and_stray	46.000	75	26Eps Sco	2.2910	4250.0	92	27418	No
157	GOM_NL__2PRFIN20070529_122720_000000422058_00310_27418_4489.N1	29-MAY-2007 12:27:20	Twi_and_stray	42.000	136	23Tau Sco	2.8220	30000.	84	27418	No
158	GOM_NL__2PRFIN20070529_123015_000000392058_00310_27418_4490.N1	29-MAY-2007 12:30:15	Bright	38.500	97	8Bet1Sco	2.5610	30000.	77	27418	No
159	GOM_NL__2PRFIN20070529_123340_000000362058_00310_27418_4491.N1	29-MAY-2007 12:33:40	Bright	35.500	104	27Bet Lib	2.6140	13100.	71	27418	No
160	GOM_NL__2PRFIN20070529_123513_000000412058_00310_27418_4492.N1	29-MAY-2007 12:35:13	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	27418	No

161	GOM_NL__2PRFIN20070529_123814_000000382058_00310_27418_4493.N1	29-MAY-2007 12:38:14	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	27418	No
162	GOM_NL__2PRFIN20070529_124407_000000362058_00310_27418_4494.N1	29-MAY-2007 12:44:07	Bright	36.000	83		2.3780	11000.	72	27418	No
163	GOM_NL__2PRFIN20070529_124718_000000342058_00310_27418_4495.N1	29-MAY-2007 12:47:18	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	27418	No
164	GOM_NL__2PRFIN20070529_125456_000000392058_00310_27418_4496.N1	29-MAY-2007 12:54:56	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	27418	No
165	GOM_NL__2PRFIN20070529_125725_000000372058_00310_27418_4497.N1	29-MAY-2007 12:57:25	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27418	No
166	GOM_NL__2PRFIN20070529_130204_000000332058_00310_27418_4498.N1	29-MAY-2007 13:02:04	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	27418	No
167	GOM_NL__2PRFIN20070529_131011_000000462058_00310_27418_4499.N1	29-MAY-2007 13:10:11	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	27418	No
168	GOM_NL__2PRFIN20070529_131748_000000422058_00310_27418_4500.N1	29-MAY-2007 13:17:48	Bright	41.500	53	43Bet And	2.0480	3300.0	83	27418	No
169	GOM_NL__2PRFIN20070529_133406_000000462058_00310_27418_4501.N1	29-MAY-2007 13:34:06	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	27418	No
170	GOM_NL__2PRFIN20070529_134050_000000462058_00310_27418_4502.N1	29-MAY-2007 13:40:50	Dark	46.000	84	Alp Phe	2.3970	4500.0	92	27418	No
171	GOM_NL__2PRFIN20070529_134556_000000492058_00311_27419_4499.N1	29-MAY-2007 13:45:56	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	27419	No
172	GOM_NL__2PRFIN20070529_134745_000000462058_00311_27419_4500.N1	29-MAY-2007 13:47:45	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27419	No
173	GOM_NL__2PRFIN20070529_135253_000000432058_00311_27419_4501.N1	29-MAY-2007 13:52:53	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27419	No
174	GOM_NL__2PRFIN20070529_135918_000000402058_00311_27419_4502.N1	29-MAY-2007 13:59:18	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27419	No
175	GOM_NL__2PRFIN20070529_140211_000000482058_00311_27419_4503.N1	29-MAY-2007 14:02:11	Straylight	48.000	40	The Sco	1.8590	7100.0	96	27419	No
176	GOM_NL__2PRFIN20070529_140400_000000512058_00311_27419_4504.N1	29-MAY-2007 14:04:00	Tw_i_and_stray	50.500	25	35Lam Sco	1.6200	28000.	101	27419	No
177	GOM_NL__2PRFIN20070529_140552_000000462058_00311_27419_4505.N1	29-MAY-2007 14:05:52	Tw_i_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	27419	No
178	GOM_NL__2PRFIN20070529_140756_000000412058_00311_27419_4506.N1	29-MAY-2007 14:07:56	Tw_i_and_stray	41.000	136	23Tau Sco	2.8220	30000.	82	27419	No
179	GOM_NL__2PRFIN20070529_141051_000000382058_00311_27419_4507.N1	29-MAY-2007 14:10:51	Bright	38.000	97	8Bet1Sco	2.5610	30000.	76	27419	No
180	GOM_NL__2PRFIN20070529_141416_000000362058_00311_27419_4508.N1	29-MAY-2007 14:14:16	Bright	35.500	104	27Bet Lib	2.6140	13100.	71	27419	No
181	GOM_NL__2PRFIN20070529_141549_000000402058_00311_27419_4509.N1	29-MAY-2007 14:15:49	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	27419	No
182	GOM_NL__2PRFIN20070529_141850_000000382058_00311_27419_4510.N1	29-MAY-2007 14:18:50	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	27419	No
183	GOM_NL__2PRFIN20070529_142443_000000352058_00311_27419_4511.N1	29-MAY-2007 14:24:43	Bright	35.000	83		2.3780	11000.	70	27419	No
184	GOM_NL__2PRFIN20070529_142754_000000352058_00311_27419_4512.N1	29-MAY-2007 14:27:54	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	27419	No
185	GOM_NL__2PRFIN20070529_143531_000000392058_00311_27419_4513.N1	29-MAY-2007 14:35:31	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	27419	No
186	GOM_NL__2PRFIN20070529_143801_000000372058_00311_27419_4514.N1	29-MAY-2007 14:38:01	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27419	No
187	GOM_NL__2PRFIN20070529_144240_000000352058_00311_27419_4515.N1	29-MAY-2007 14:42:40	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	27419	No
188	GOM_NL__2PRFIN20070529_145046_000000362058_00311_27419_4516.N1	29-MAY-2007 14:50:46	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	27419	No
189	GOM_NL__2PRFIN20070529_145824_000000412058_00311_27419_4517.N1	29-MAY-2007 14:58:24	Bright	40.500	53	43Bet And	2.0480	3300.0	81	27419	No
190	GOM_NL__2PRFIN20070529_151442_000000422058_00311_27419_4518.N1	29-MAY-2007 15:14:42	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	27419	No
191	GOM_NL__2PRFIN20070529_152126_000000432058_00311_27419_4519.N1	29-MAY-2007 15:21:26	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	27419	No
192	GOM_NL__2PRFIN20070529_152633_000000502058_00312_27420_4503.N1	29-MAY-2007 15:26:33	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	27420	No
193	GOM_NL__2PRFIN20070529_152822_000000462058_00312_27420_4504.N1	29-MAY-2007 15:28:22	Dark	45.500	31	Alp Gru	1.7340	15200.	91	27420	No
194	GOM_NL__2PRFIN20070529_153330_000000432058_00312_27420_4505.N1	29-MAY-2007 15:33:30	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27420	No
195	GOM_NL__2PRFIN20070529_153954_000000472058_00312_27420_4506.N1	29-MAY-2007 15:39:54	Straylight	47.000	141	Bet Ara	2.8400	4600.0	94	27420	No
196	GOM_NL__2PRFIN20070529_154248_000000482058_00312_27420_4507.N1	29-MAY-2007 15:42:48	Straylight	48.000	40	The Sco	1.8590	7100.0	96	27420	No
197	GOM_NL__2PRFIN20070529_154436_000000502058_00312_27420_4508.N1	29-MAY-2007 15:44:36	Tw_i_and_stray	49.500	25	35Lam Sco	1.6200	28000.	99	27420	No
198	GOM_NL__2PRFIN20070529_154628_000000452058_00312_27420_4509.N1	29-MAY-2007 15:46:28	Tw_i_and_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	27420	No
199	GOM_NL__2PRFIN20070529_154833_000000412058_00312_27420_4510.N1	29-MAY-2007 15:48:33	Tw_i_and_stray	41.000	136	23Tau Sco	2.8220	30000.	82	27420	No
200	GOM_NL__2PRFIN20070529_155128_000000392058_00312_27420_4511.N1	29-MAY-2007 15:51:28	Bright	38.500	97	8Bet1Sco	2.5610	30000.	77	27420	No
201	GOM_NL__2PRFIN20070529_155411_000000292058_00312_27420_4512.N1	29-MAY-2007 15:54:11	Tw_i_and_stray	29.000	98	13Zet Oph	2.5710	30000.	58	27420	No
202	GOM_NL__2PRFIN20070529_155625_000000402058_00312_27420_4513.N1	29-MAY-2007 15:56:25	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	27420	No
203	GOM_NL__2PRFIN20070529_155926_000000382058_00312_27420_4514.N1	29-MAY-2007 15:59:26	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	27420	No
204	GOM_NL__2PRFIN20070529_160519_000000362058_00312_27420_4515.N1	29-MAY-2007 16:05:19	Bright	35.500	83		2.3780	11000.	71	27420	No
205	GOM_NL__2PRFIN20070529_160830_000000432058_00312_27420_4516.N1	29-MAY-2007 16:08:30	Bright	42.500	180	27Gam Boo	3.0400	8000.0	85	27420	No
206	GOM_NL__2PRFIN20070529_161607_000000402058_00312_27420_4517.N1	29-MAY-2007 16:16:07	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	27420	No
207	GOM_NL__2PRFIN20070529_161837_000000322058_00312_27420_4518.N1	29-MAY-2007 16:18:37	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	27420	No
208	GOM_NL__2PRFIN20070529_162316_000000362058_00312_27420_4519.N1	29-MAY-2007 16:23:16	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27420	No
209	GOM_NL__2PRFIN20070529_163122_000000352058_00312_27420_4520.N1	29-MAY-2007 16:31:22	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	27420	No
210	GOM_NL__2PRFIN20070529_163900_000000412058_00312_27420_4521.N1	29-MAY-2007 16:39:00	Bright	41.000	53	43Bet And	2.0480	3300.0	82	27420	No
211	GOM_NL__2PRFIN20070529_165519_000000462058_00312_27420_4522.N1	29-MAY-2007 16:55:19	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	27420	No
212	GOM_NL__2PRFIN20070529_170203_000000442058_00312_27420_4523.N1	29-MAY-2007 17:02:03	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	27420	No
213	GOM_NL__2PRFIN20070529_170710_000000492058_00313_27421_4542.N1	29-MAY-2007 17:07:10	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	27421	No
214	GOM_NL__2PRFIN20070529_170859_000000462058_00313_27421_4543.N1	29-MAY-2007 17:08:59	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27421	No
215	GOM_NL__2PRFIN20070529_171407_000000432058_00313_27421_4544.N1	29-MAY-2007 17:14:07	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27421	No
216	GOM_NL__2PRFIN20070529_172030_000000442058_00313_27421_4545.N1	29-MAY-2007 17:20:30	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	27421	No
217	GOM_NL__2PRFIN20070529_172324_000000492058_00313_27421_4546.N1	29-MAY-2007 17:23:24	Straylight	48.500	40	The Sco	1.8590	7100.0	97	27421	No
218	GOM_NL__2PRFIN20070529_172513_000000492058_00313_27421_4547.N1	29-MAY-2007 17:25:13	Tw_i_and_stray	48.500	25	35Lam Sco	1.6200	28000.	97	27421	No
219	GOM_NL__2PRFIN20070529_172704_000000462058_00313_27421_4548.N1	29-MAY-2007 17:27:04	Tw_i_and_stray	45.500	75	26Eps Sco	2.2910	4250.0	91	27421	No

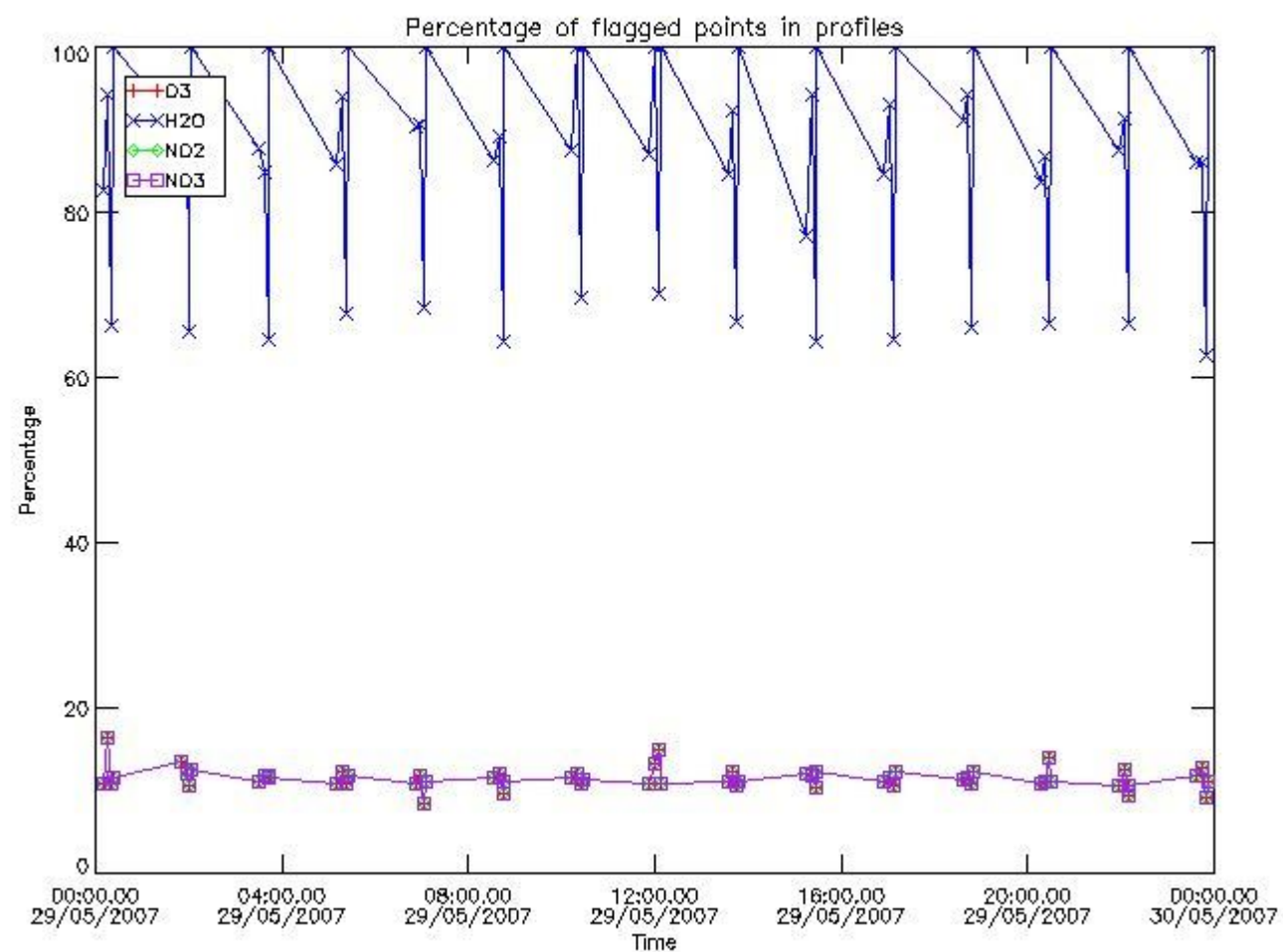
220	GOM_NL__2PRFIN20070529_172909_000000412058_00313_27421_4549.N1	29-MAY-2007 17:29:09	Twilight	40.500	136	23Tau Sco	2.8220	30000.	81	27421	No
221	GOM_NL__2PRFIN20070529_173204_000000382058_00313_27421_4550.N1	29-MAY-2007 17:32:04	Bright	37.500	97	8Bet1Sco	2.5610	30000.	75	27421	No
222	GOM_NL__2PRFIN20070529_173447_000000292058_00313_27421_4551.N1	29-MAY-2007 17:34:47	Twilight	29.000	98	13Zet Oph	2.5710	30000.	58	27421	No
223	GOM_NL__2PRFIN20070529_173701_000000402058_00313_27421_4552.N1	29-MAY-2007 17:37:01	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	27421	No
224	GOM_NL__2PRFIN20070529_174002_000000382058_00313_27421_4553.N1	29-MAY-2007 17:40:02	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	27421	No
225	GOM_NL__2PRFIN20070529_174555_000000362058_00313_27421_4554.N1	29-MAY-2007 17:45:55	Bright	36.000	83		2.3780	11000.	72	27421	No
226	GOM_NL__2PRFIN20070529_174908_000000332058_00313_27421_4555.N1	29-MAY-2007 17:49:08	Bright	32.500	180	27Gam Boo	3.0400	8000.0	65	27421	No
227	GOM_NL__2PRFIN20070529_175642_000000392058_00313_27421_4556.N1	29-MAY-2007 17:56:42	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	27421	No
228	GOM_NL__2PRFIN20070529_175913_000000382058_00313_27421_4557.N1	29-MAY-2007 17:59:13	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	27421	No
229	GOM_NL__2PRFIN20070529_180352_000000362058_00313_27421_4558.N1	29-MAY-2007 18:03:52	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27421	No
230	GOM_NL__2PRFIN20070529_181158_000000432058_00313_27421_4559.N1	29-MAY-2007 18:11:58	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	27421	No
231	GOM_NL__2PRFIN20070529_181936_000000422058_00313_27421_4560.N1	29-MAY-2007 18:19:36	Bright	41.500	53	43Bet And	2.0480	3300.0	83	27421	No
232	GOM_NL__2PRFIN20070529_183555_000000452058_00313_27421_4561.N1	29-MAY-2007 18:35:55	Dark	45.000	52	16Bet Cet	2.0370	4500.0	90	27421	No
233	GOM_NL__2PRFIN20070529_184239_000000442058_00313_27421_4562.N1	29-MAY-2007 18:42:39	Dark	44.000	84	Alp Phe	2.3970	4500.0	88	27421	No
234	GOM_NL__2PRFIN20070529_184747_000000482058_00314_27422_4556.N1	29-MAY-2007 18:47:47	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	27422	No
235	GOM_NL__2PRFIN20070529_184936_000000462058_00314_27422_4557.N1	29-MAY-2007 18:49:36	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27422	No
236	GOM_NL__2PRFIN20070529_185443_000000432058_00314_27422_4558.N1	29-MAY-2007 18:54:43	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27422	No
237	GOM_NL__2PRFIN20070529_190107_000000442058_00314_27422_4559.N1	29-MAY-2007 19:01:07	Straylight	44.000	141	Bet Ara	2.8400	4600.0	88	27422	No
238	GOM_NL__2PRFIN20070529_190400_000000472058_00314_27422_4560.N1	29-MAY-2007 19:04:00	Straylight	47.000	40	The Sco	1.8590	7100.0	94	27422	No
239	GOM_NL__2PRFIN20070529_190549_000000492058_00314_27422_4561.N1	29-MAY-2007 19:05:49	Twilight	48.500	25	35Lam Sco	1.6200	28000.	97	27422	No
240	GOM_NL__2PRFIN20070529_190740_000000452058_00314_27422_4562.N1	29-MAY-2007 19:07:40	Twilight	45.000	75	26Eps Sco	2.2910	4250.0	90	27422	No
241	GOM_NL__2PRFIN20070529_190945_000000422058_00314_27422_4563.N1	29-MAY-2007 19:09:45	Twilight	42.000	136	23Tau Sco	2.8220	30000.	84	27422	No
242	GOM_NL__2PRFIN20070529_191240_000000392058_00314_27422_4564.N1	29-MAY-2007 19:12:40	Bright	39.000	97	8Bet1Sco	2.5610	30000.	78	27422	No
243	GOM_NL__2PRFIN20070529_191523_000000362058_00314_27422_4565.N1	29-MAY-2007 19:15:23	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27422	No
244	GOM_NL__2PRFIN20070529_191737_000000402058_00314_27422_4566.N1	29-MAY-2007 19:17:37	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	27422	No
245	GOM_NL__2PRFIN20070529_192038_000000382058_00314_27422_4567.N1	29-MAY-2007 19:20:38	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	27422	No
246	GOM_NL__2PRFIN20070529_192631_000000352058_00314_27422_4568.N1	29-MAY-2007 19:26:31	Bright	35.000	83		2.3780	11000.	70	27422	No
247	GOM_NL__2PRFIN20070529_193718_000000402058_00314_27422_4569.N1	29-MAY-2007 19:37:18	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	27422	No
248	GOM_NL__2PRFIN20070529_193949_000000372058_00314_27422_4570.N1	29-MAY-2007 19:39:49	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27422	No
249	GOM_NL__2PRFIN20070529_194428_000000362058_00314_27422_4571.N1	29-MAY-2007 19:44:28	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27422	No
250	GOM_NL__2PRFIN20070529_195234_000000352058_00314_27422_4572.N1	29-MAY-2007 19:52:34	Bright	34.500	76	27Gam Cas	2.3000	30000.	69	27422	No
251	GOM_NL__2PRFIN20070529_200012_000000522058_00314_27422_4573.N1	29-MAY-2007 20:00:12	Bright	51.500	53	43Bet And	2.0480	3300.0	103	27422	No
252	GOM_NL__2PRFIN20070529_201632_000000472058_00314_27422_4574.N1	29-MAY-2007 20:16:32	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	27422	No
253	GOM_NL__2PRFIN20070529_202316_000000462058_00314_27422_4575.N1	29-MAY-2007 20:23:16	Dark	46.000	84	Alp Phe	2.3970	4500.0	92	27422	No
254	GOM_NL__2PRFIN20070529_202823_000000592058_00315_27423_4572.N1	29-MAY-2007 20:28:23	Dark	58.500	63	Bet Gru	2.1500	2800.0	117	27423	No
255	GOM_NL__2PRFIN20070529_203013_000000462058_00315_27423_4573.N1	29-MAY-2007 20:30:13	Dark	45.500	31	Alp Gru	1.7340	15200.	91	27423	No
256	GOM_NL__2PRFIN20070529_203520_000000432058_00315_27423_4574.N1	29-MAY-2007 20:35:20	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27423	No
257	GOM_NL__2PRFIN20070529_204143_000000402058_00315_27423_4575.N1	29-MAY-2007 20:41:43	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27423	No
258	GOM_NL__2PRFIN20070529_204437_000000482058_00315_27423_4576.N1	29-MAY-2007 20:44:37	Straylight	47.500	40	The Sco	1.8590	7100.0	95	27423	No
259	GOM_NL__2PRFIN20070529_204626_000000462058_00315_27423_4577.N1	29-MAY-2007 20:46:26	Twilight	46.000	25	35Lam Sco	1.6200	28000.	92	27423	No
260	GOM_NL__2PRFIN20070529_204817_000000462058_00315_27423_4578.N1	29-MAY-2007 20:48:17	Twilight	46.000	75	26Eps Sco	2.2910	4250.0	92	27423	No
261	GOM_NL__2PRFIN20070529_205021_000000412058_00315_27423_4579.N1	29-MAY-2007 20:50:21	Twilight	41.000	136	23Tau Sco	2.8220	30000.	82	27423	No
262	GOM_NL__2PRFIN20070529_205316_000000392058_00315_27423_4580.N1	29-MAY-2007 20:53:16	Bright	38.500	97	8Bet1Sco	2.5610	30000.	77	27423	No
263	GOM_NL__2PRFIN20070529_205559_000000362058_00315_27423_4581.N1	29-MAY-2007 20:55:59	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27423	No
264	GOM_NL__2PRFIN20070529_205812_000000402058_00315_27423_4582.N1	29-MAY-2007 20:58:12	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	27423	No
265	GOM_NL__2PRFIN20070529_210114_000000382058_00315_27423_4583.N1	29-MAY-2007 21:01:14	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	27423	No
266	GOM_NL__2PRFIN20070529_210707_000000352058_00315_27423_4584.N1	29-MAY-2007 21:07:07	Bright	35.000	83		2.3780	11000.	70	27423	No
267	GOM_NL__2PRFIN20070529_211754_000000392058_00315_27423_4585.N1	29-MAY-2007 21:17:54	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	27423	No
268	GOM_NL__2PRFIN20070529_212025_000000362058_00315_27423_4586.N1	29-MAY-2007 21:20:25	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27423	No
269	GOM_NL__2PRFIN20070529_212504_000000362058_00315_27423_4587.N1	29-MAY-2007 21:25:04	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27423	No
270	GOM_NL__2PRFIN20070529_213310_000000362058_00315_27423_4588.N1	29-MAY-2007 21:33:10	Bright	36.000	76	27Gam Cas	2.3000	30000.	72	27423	No
271	GOM_NL__2PRFIN20070529_214048_000000382058_00315_27423_4589.N1	29-MAY-2007 21:40:48	Bright	38.000	53	43Bet And	2.0480	3300.0	76	27423	No
272	GOM_NL__2PRFIN20070529_215708_000000492058_00315_27423_4590.N1	29-MAY-2007 21:57:08	Dark	48.500	52	16Bet Cet	2.0370	4500.0	97	27423	No
273	GOM_NL__2PRFIN20070529_220352_000000412058_00315_27423_4591.N1	29-MAY-2007 22:03:52	Dark	40.500	84	Alp Phe	2.3970	4500.0	81	27423	No
274	GOM_NL__2PRFIN20070529_220900_000000602058_00316_27424_4588.N1	29-MAY-2007 22:09:00	Dark	60.000	63	Bet Gru	2.1500	2800.0	120	27424	No
275	GOM_NL__2PRFIN20070529_221049_000000482058_00316_27424_4589.N1	29-MAY-2007 22:10:49	Dark	48.000	31	Alp Gru	1.7340	15200.	96	27424	No
276	GOM_NL__2PRFIN20070529_221556_000000432058_00316_27424_4590.N1	29-MAY-2007 22:15:56	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27424	No
277	GOM_NL__2PRFIN20070529_222219_000000412058_00316_27424_4591.N1	29-MAY-2007 22:22:19	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	27424	No
278	GOM_NL__2PRFIN20070529_222513_000000442058_00316_27424_4592.N1	29-MAY-2007 22:25:13	Straylight	44.000	40	The Sco	1.8590	7100.0	88	27424	No

279	GOM_NL__2PRFIN20070529_222702_000000442058_00316_27424_4593.N1	29-MAY-2007 22:27:02	Twilight_stray	44.000	25	35Lam Sco	1.6200	28000.	88	27424	No
280	GOM_NL__2PRFIN20070529_222853_000000482058_00316_27424_4594.N1	29-MAY-2007 22:28:53	Twilight_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	27424	No
281	GOM_NL__2PRFIN20070529_223057_000000392058_00316_27424_4595.N1	29-MAY-2007 22:30:57	Twilight_stray	38.500	136	23Tau Sco	2.8220	30000.	77	27424	No
282	GOM_NL__2PRFIN20070529_223352_000000382058_00316_27424_4596.N1	29-MAY-2007 22:33:52	Bright	38.000	97	8Bet1Sco	2.5610	30000.	76	27424	No
283	GOM_NL__2PRFIN20070529_223635_000000432058_00316_27424_4597.N1	29-MAY-2007 22:36:35	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	27424	No
284	GOM_NL__2PRFIN20070529_223848_000000402058_00316_27424_4598.N1	29-MAY-2007 22:38:48	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	27424	No
285	GOM_NL__2PRFIN20070529_224150_000000372058_00316_27424_4599.N1	29-MAY-2007 22:41:50	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	27424	No
286	GOM_NL__2PRFIN20070529_224743_000000352058_00316_27424_4600.N1	29-MAY-2007 22:47:43	Bright	34.500	83		2.3780	11000.	69	27424	No
287	GOM_NL__2PRFIN20070529_225829_000000392058_00316_27424_4601.N1	29-MAY-2007 22:58:29	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	27424	No
288	GOM_NL__2PRFIN20070529_230101_000000372058_00316_27424_4602.N1	29-MAY-2007 23:01:01	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27424	No
289	GOM_NL__2PRFIN20070529_230540_000000322058_00316_27424_4603.N1	29-MAY-2007 23:05:40	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	27424	No
290	GOM_NL__2PRFIN20070529_231346_000000372058_00316_27424_4604.N1	29-MAY-2007 23:13:46	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	27424	No
291	GOM_NL__2PRFIN20070529_232124_000000412058_00316_27424_4605.N1	29-MAY-2007 23:21:24	Bright	40.500	53	43Bet And	2.0480	3300.0	81	27424	No
292	GOM_NL__2PRFIN20070529_233745_000000442058_00316_27424_4606.N1	29-MAY-2007 23:37:45	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	27424	No
293	GOM_NL__2PRFIN20070529_234429_000000402058_00316_27424_4607.N1	29-MAY-2007 23:44:29	Dark	40.000	84	Alp Phe	2.3970	4500.0	80	27424	No
294	GOM_NL__2PRFIN20070529_234937_000000562058_00317_27425_4599.N1	29-MAY-2007 23:49:37	Dark	55.500	63	Bet Gru	2.1500	2800.0	111	27425	No
295	GOM_NL__2PRFIN20070529_235126_000000462058_00317_27425_4600.N1	29-MAY-2007 23:51:26	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27425	No
296	GOM_NL__2PRFIN20070529_235633_000000412058_00317_27425_4601.N1	29-MAY-2007 23:56:33	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	27425	No

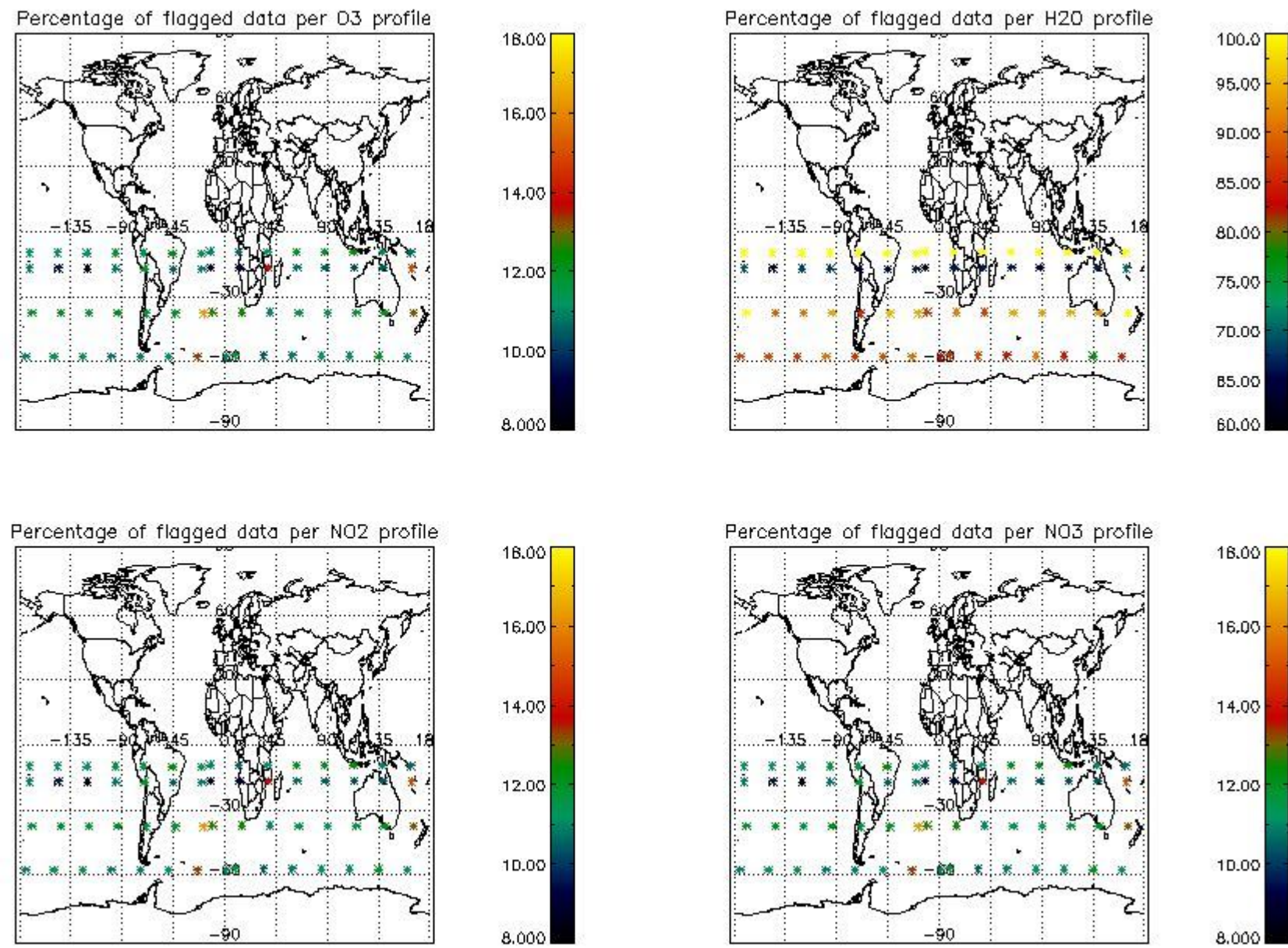
3. Quality information per product

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)

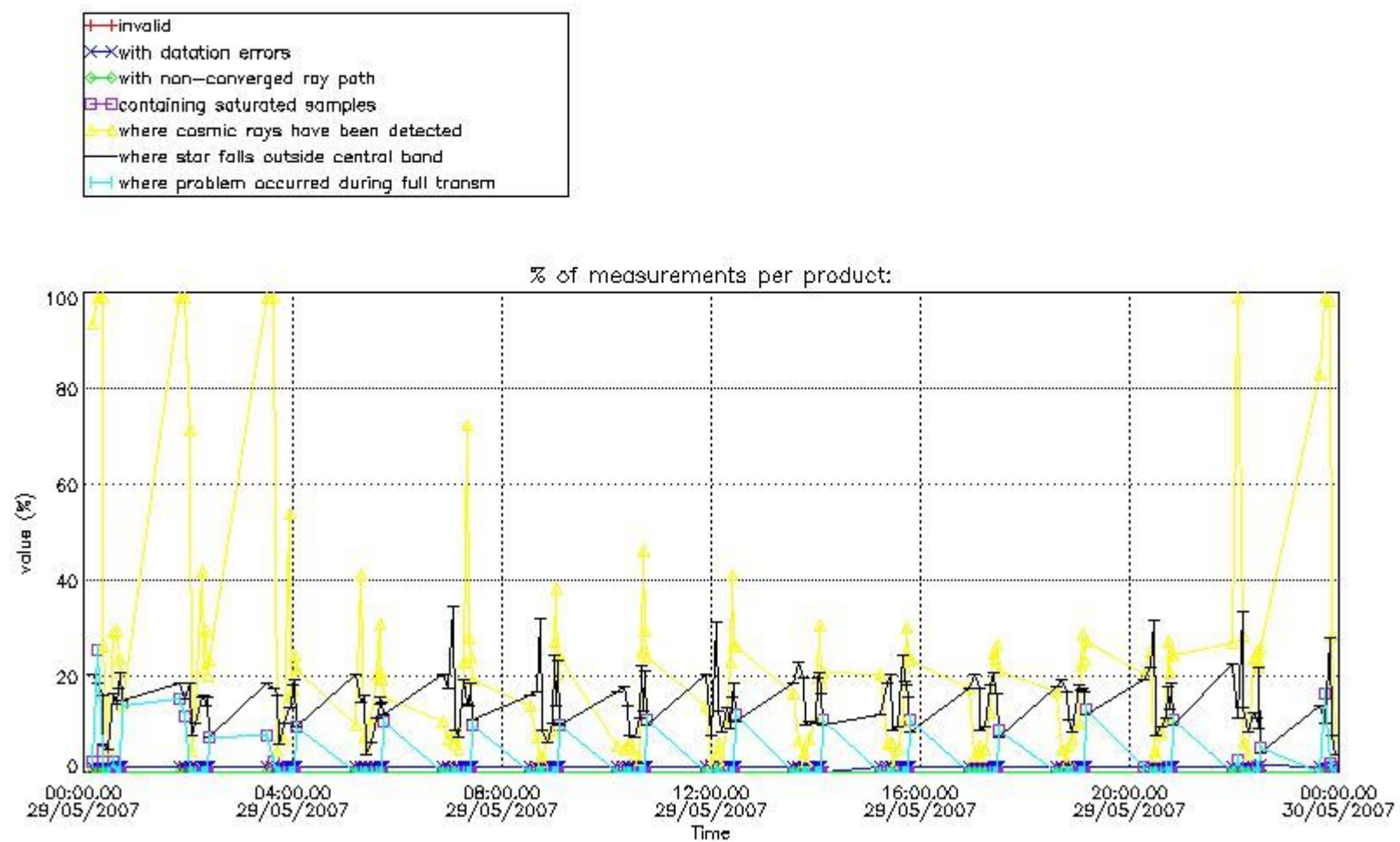


4. Level 1 quality information per product

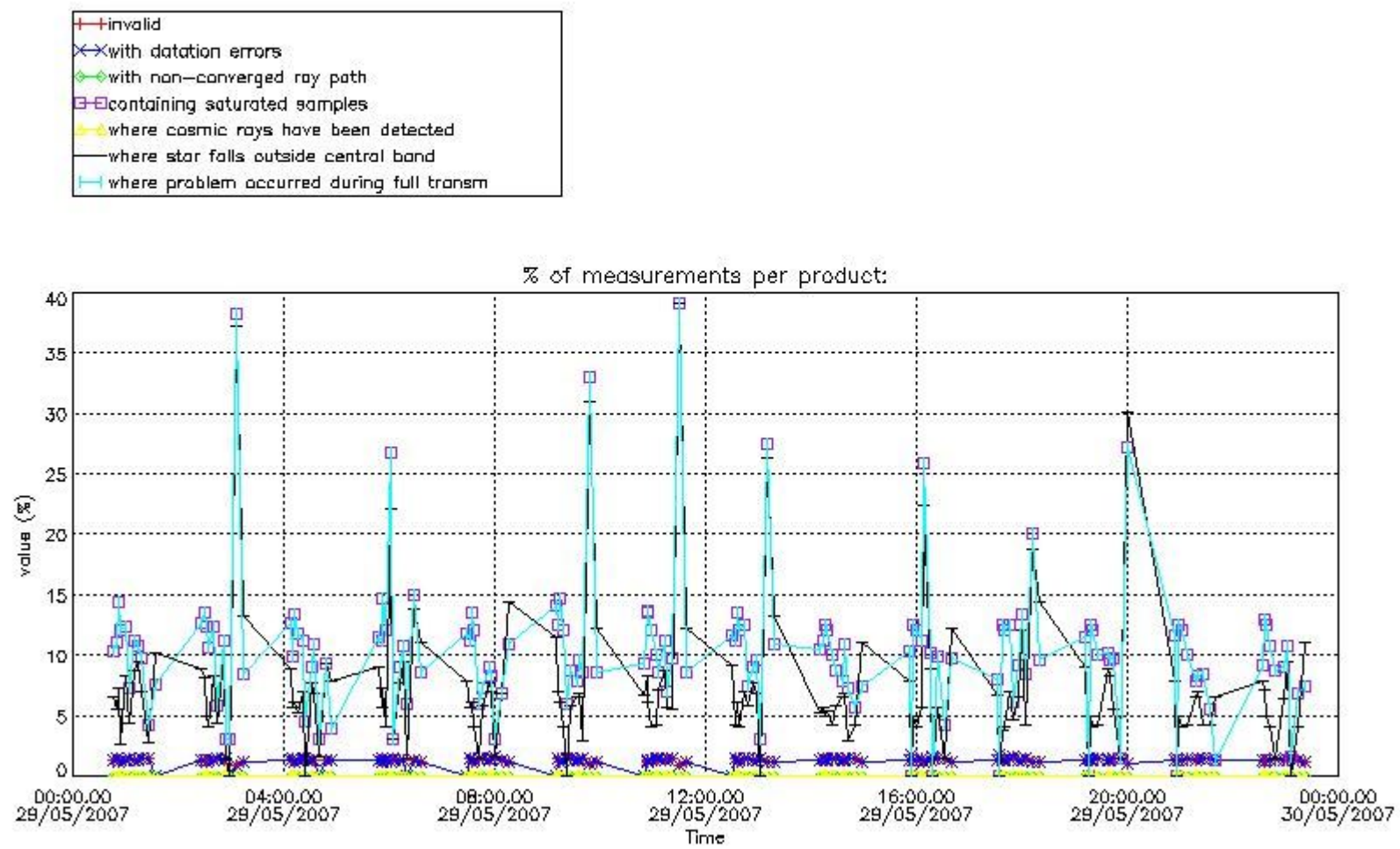
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



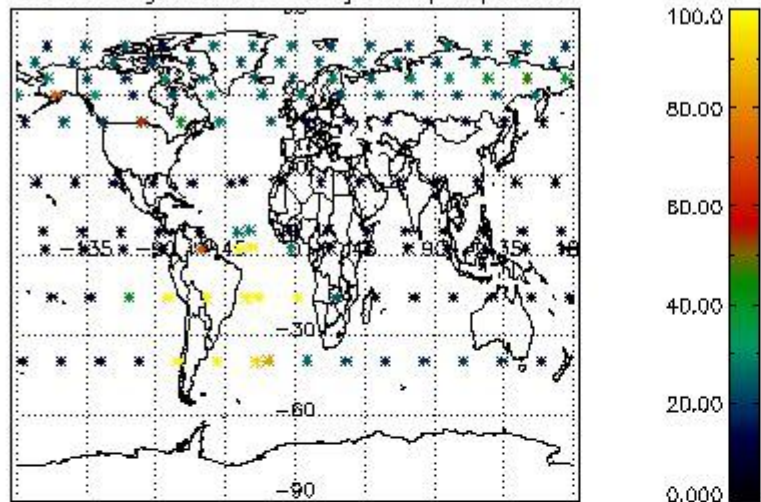
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



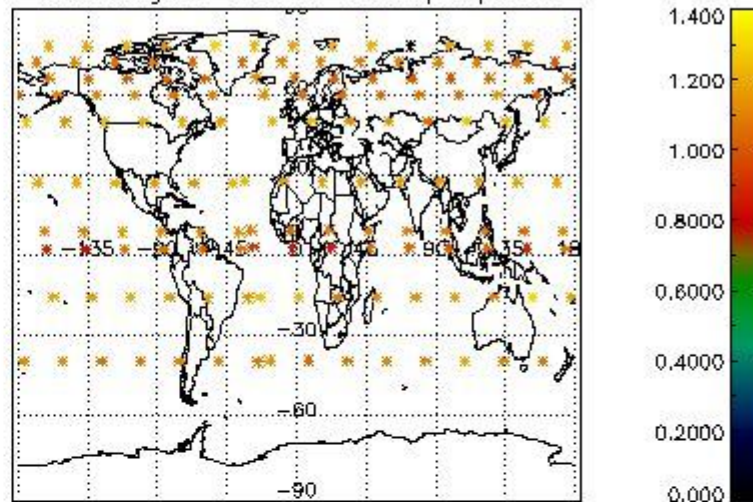
4.2 Plot quality information per product coming from level 1b processing (world map)

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

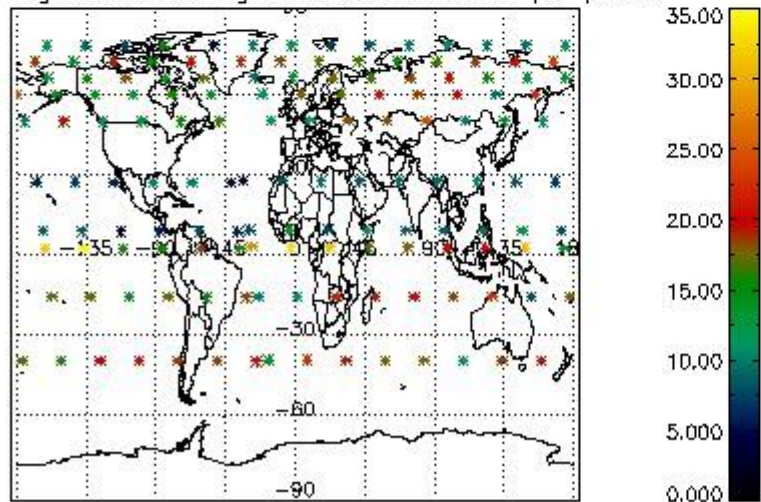
Percentage of cosmic ray hits per profile



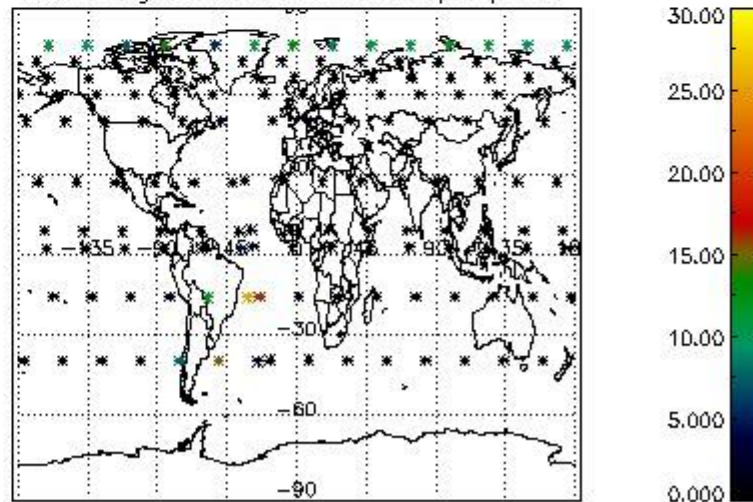
Percentage of datation errors per profile



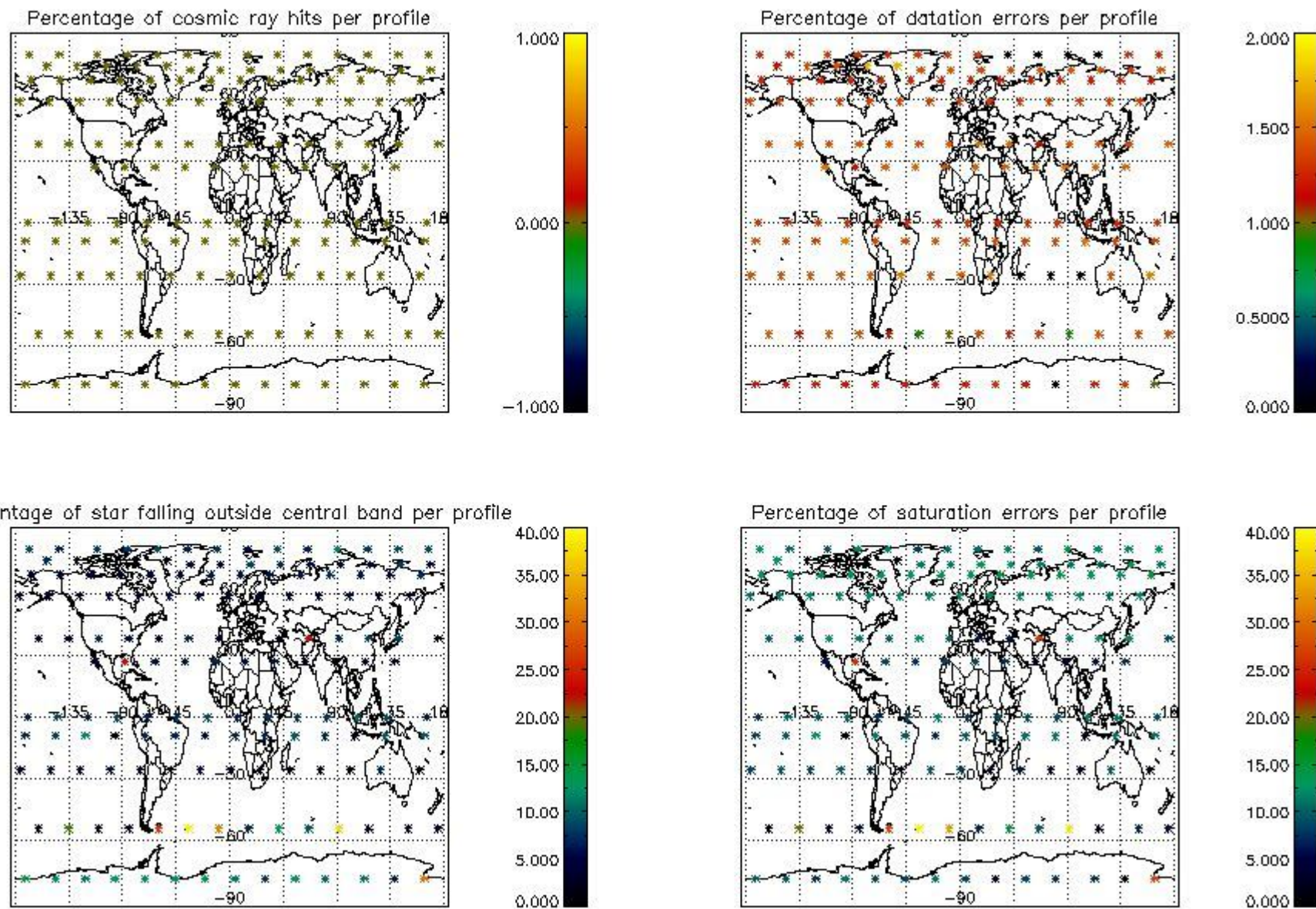
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

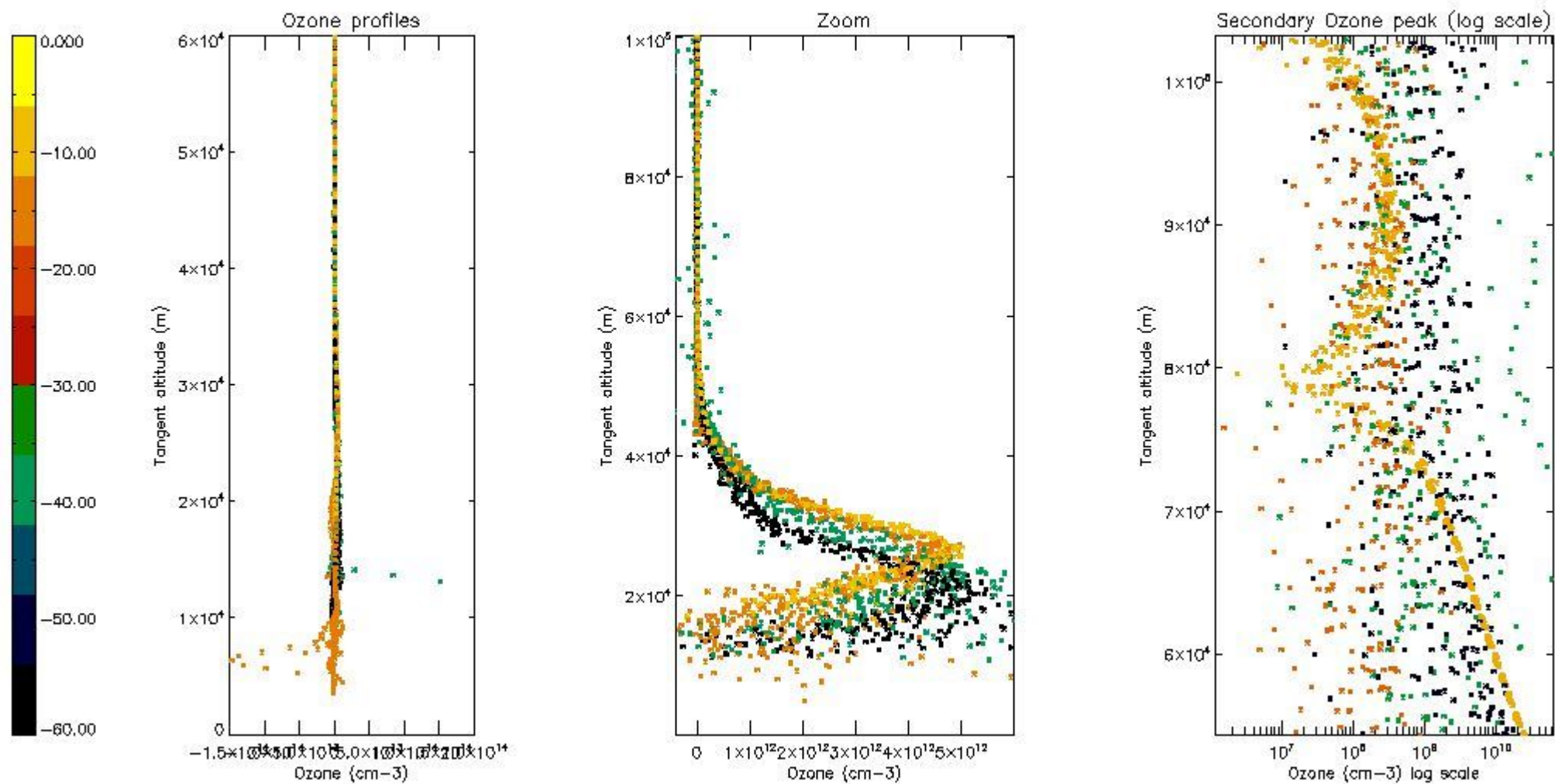
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	9

STD < 10	5
STD < 5	3

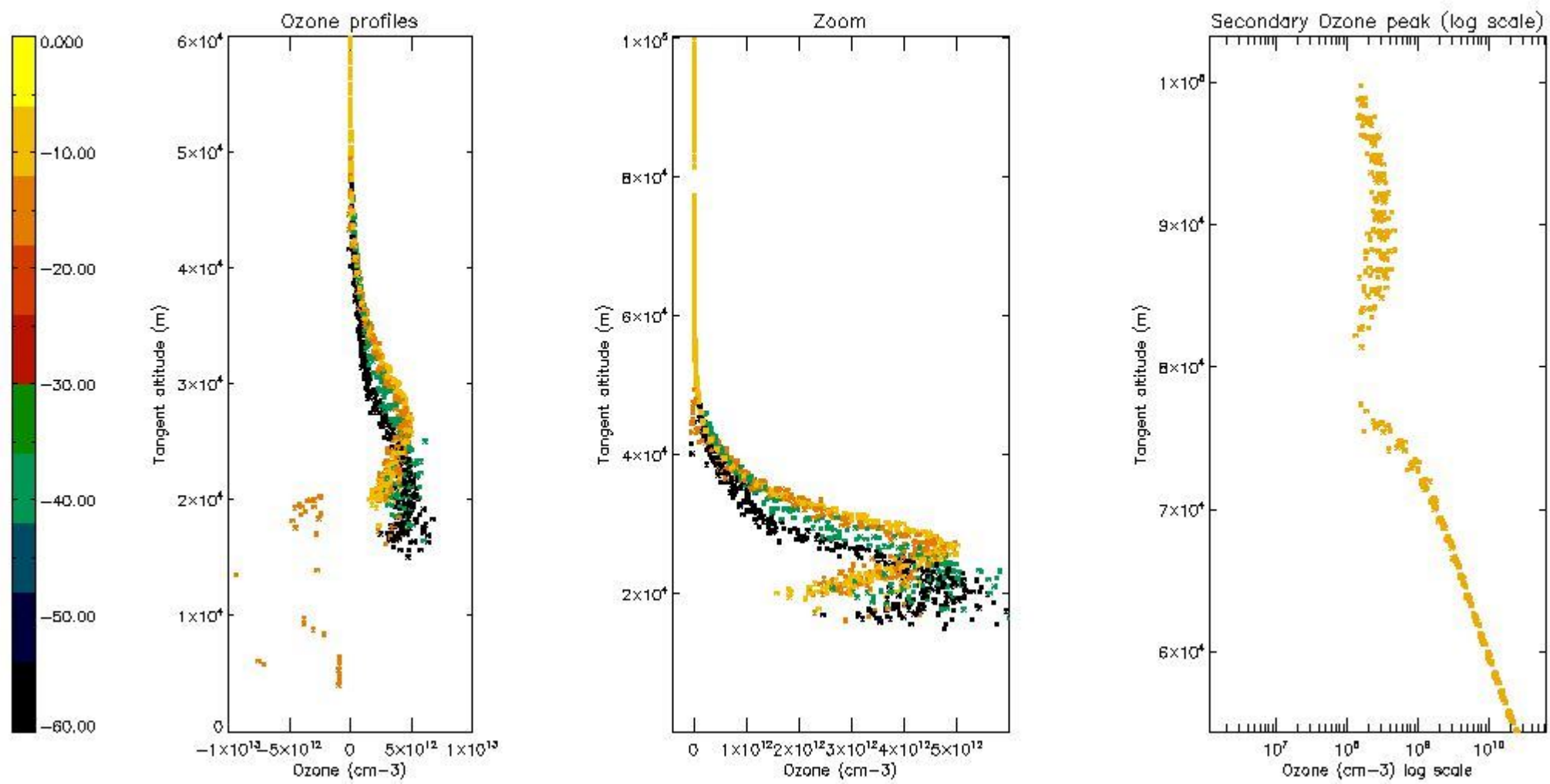
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



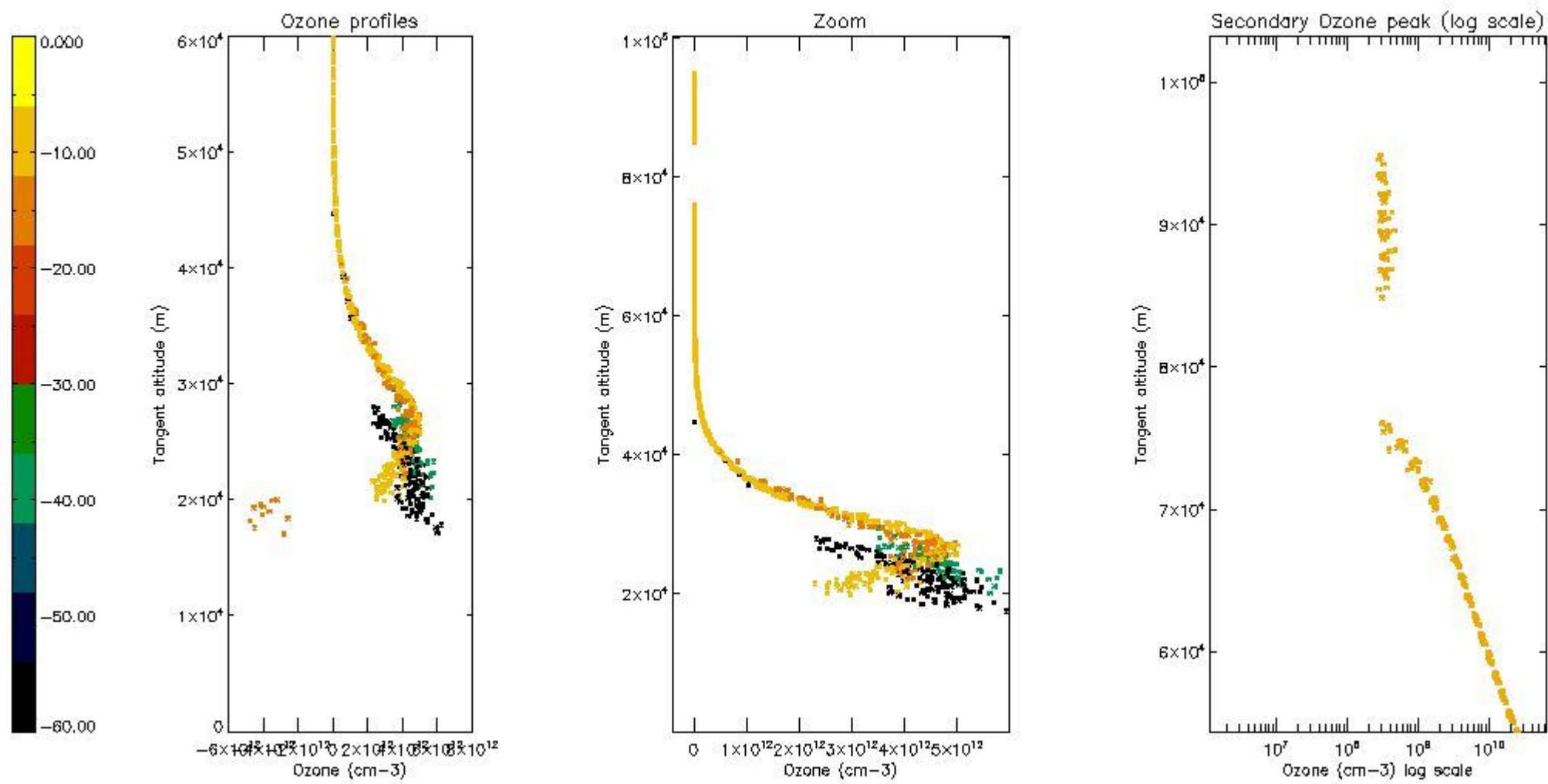
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



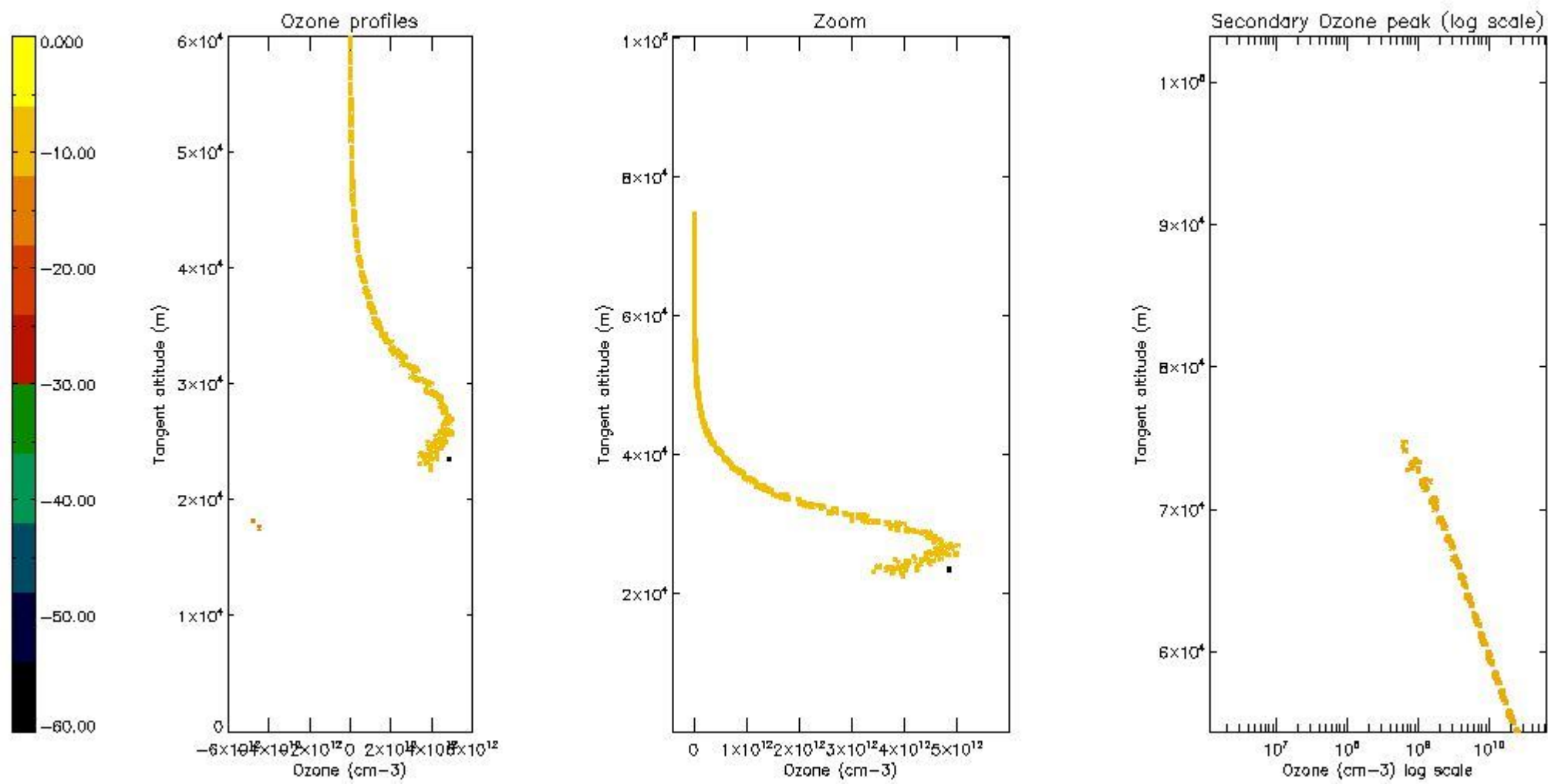
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



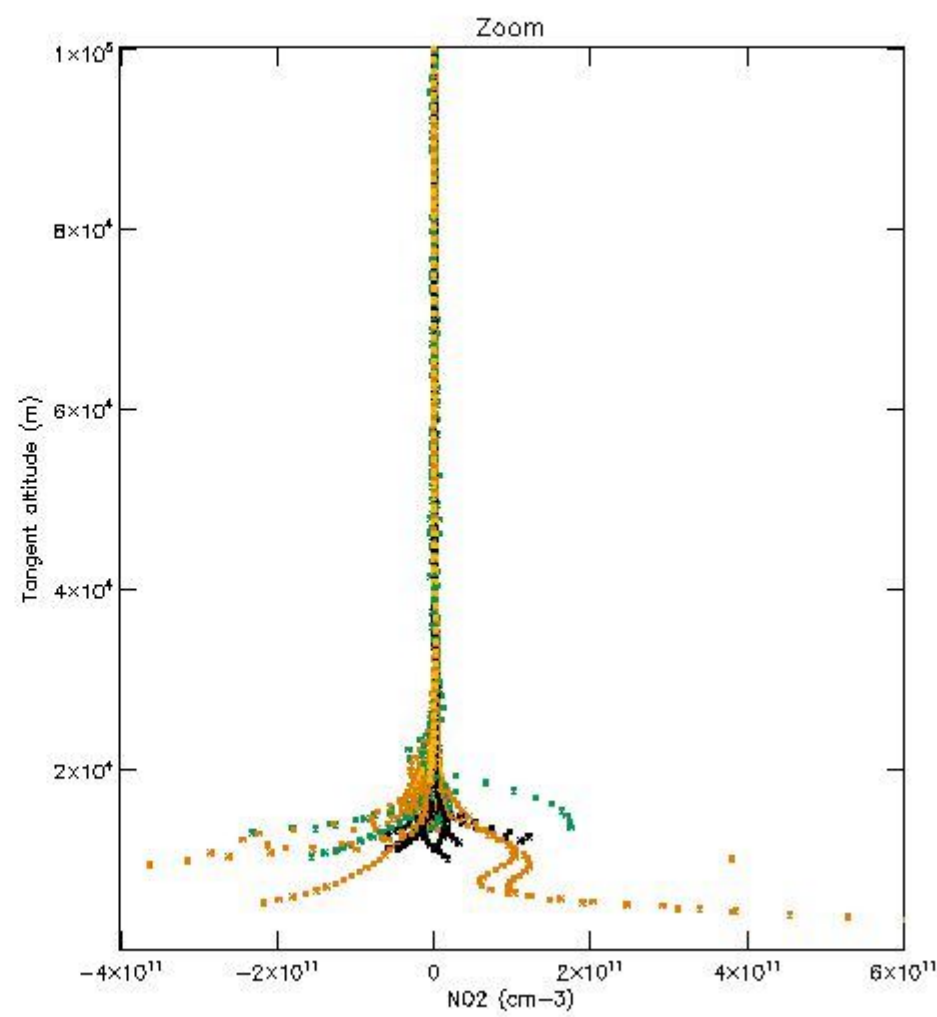
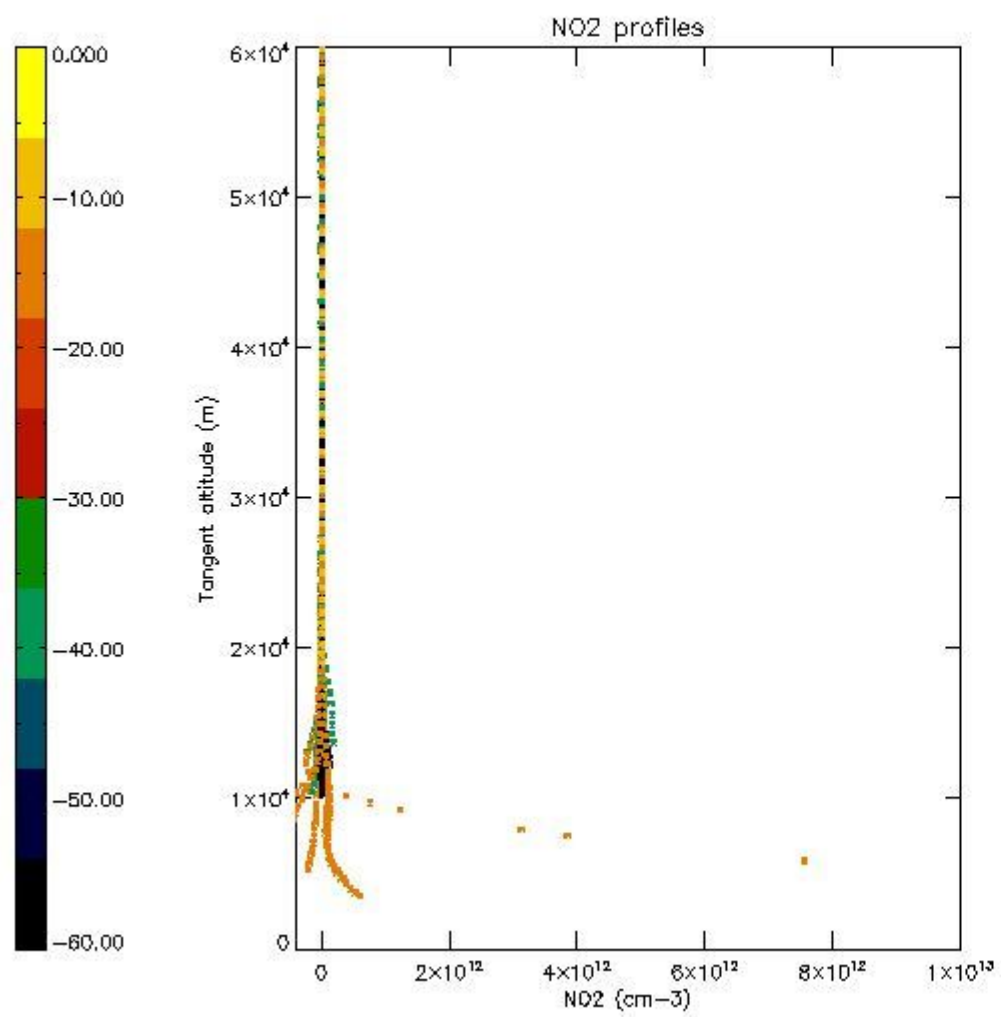
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



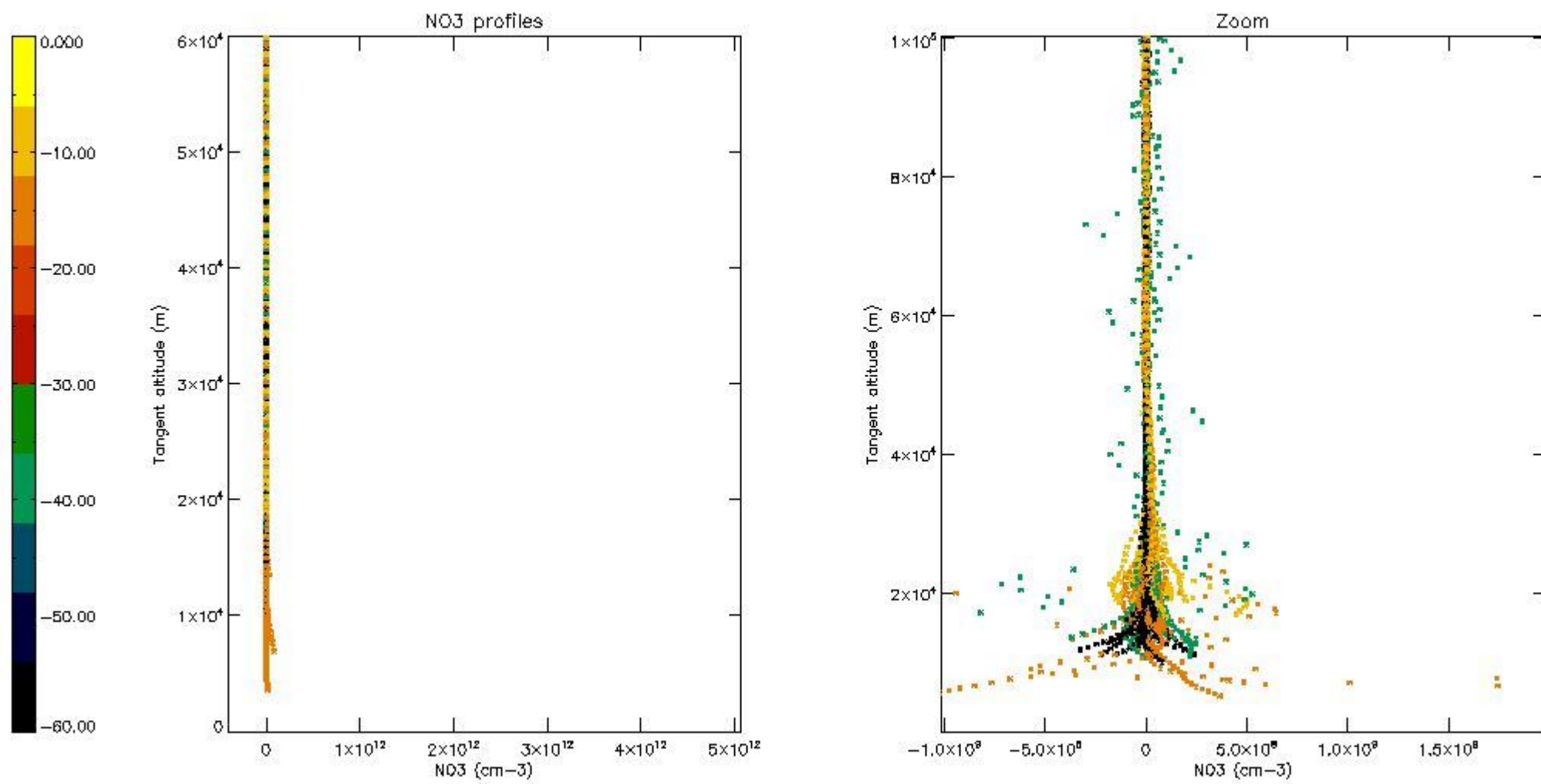
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



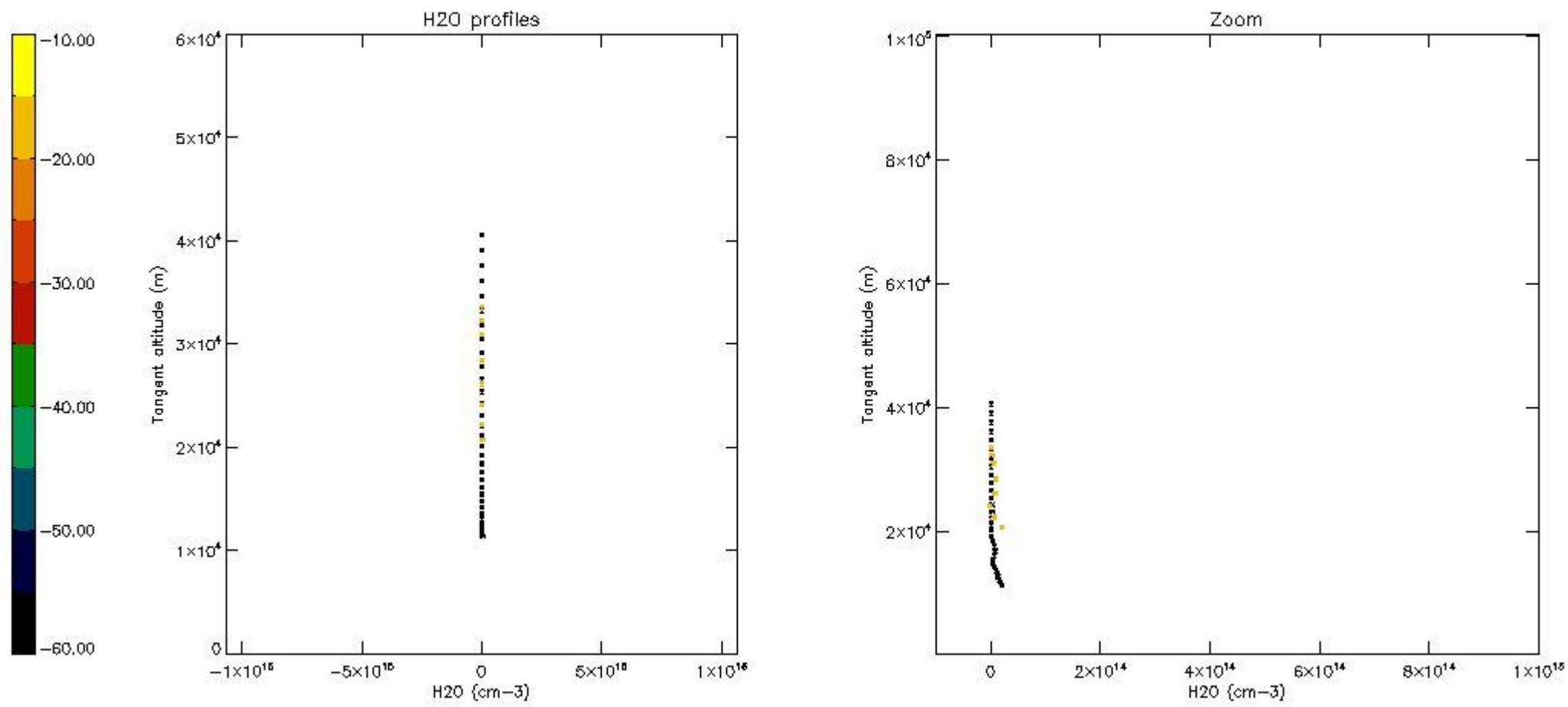
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H₂O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 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	29-MAY-2007 00:09:14
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-MAY-2007 00:09:14
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-MAY-2007 00:09:14

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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[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	22APR2013 20:08:01
Data source version	GOMOS/6.01
Start time of products	29-05-2007 (29MAY2007 00:00:00)
Stop time of products	30-05-2007 (30MAY2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	296
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

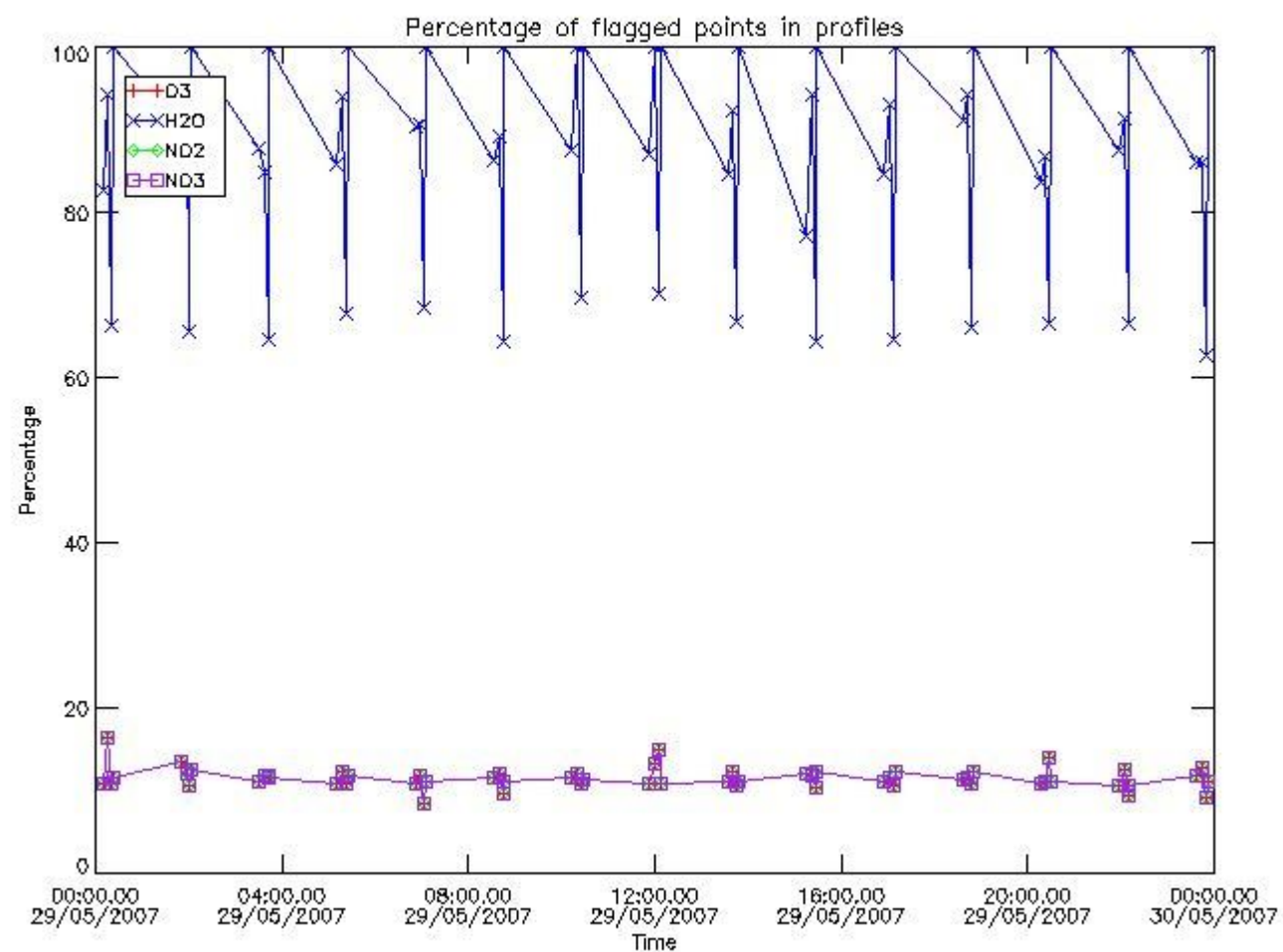
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070529_000914_000000472058_00302_27410_4301.N1	29-MAY-2007 00:09:14	Dark	46.500	52	16Bet Cet	2.0370	4500.0	93	27410	No
2	GOM_NL__2PRFIN20070529_001558_000000442058_00302_27410_4302.N1	29-MAY-2007 00:15:58	Dark	43.500	84	Alp Phe	2.3970	4500.0	87	27410	No
3	GOM_NL__2PRFIN20070529_002102_000000472058_00303_27411_4286.N1	29-MAY-2007 00:21:02	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	27411	No
4	GOM_NL__2PRFIN20070529_002250_000000442058_00303_27411_4287.N1	29-MAY-2007 00:22:50	Dark	44.000	31	Alp Gru	1.7340	15200.	88	27411	No
5	GOM_NL__2PRFIN20070529_002800_000000412058_00303_27411_4288.N1	29-MAY-2007 00:28:00	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	27411	No
6	GOM_NL__2PRFIN20070529_003427_000000432058_00303_27411_4289.N1	29-MAY-2007 00:34:27	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	27411	No
7	GOM_NL__2PRFIN20070529_003720_000000462058_00303_27411_4290.N1	29-MAY-2007 00:37:20	Straylight	46.000	40	The Sco	1.8590	7100.0	92	27411	No
8	GOM_NL__2PRFIN20070529_003909_000000492058_00303_27411_4291.N1	29-MAY-2007 00:39:09	Twilight_stray	49.000	25	35Lam Sco	1.6200	28000.	98	27411	No
9	GOM_NL__2PRFIN20070529_004101_000000482058_00303_27411_4292.N1	29-MAY-2007 00:41:01	Twilight_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	27411	No
10	GOM_NL__2PRFIN20070529_004307_000000442058_00303_27411_4293.N1	29-MAY-2007 00:43:07	Twilight_stray	44.000	136	23Tau Sco	2.8220	30000.	88	27411	No
11	GOM_NL__2PRFIN20070529_004603_000000392058_00303_27411_4294.N1	29-MAY-2007 00:46:03	Bright	38.500	97	8Bet1Sco	2.5610	30000.	77	27411	No
12	GOM_NL__2PRFIN20070529_004928_000000362058_00303_27411_4295.N1	29-MAY-2007 00:49:28	Bright	36.000	104	27Bet Lib	2.6140	13100.	72	27411	No
13	GOM_NL__2PRFIN20070529_005102_000000422058_00303_27411_4296.N1	29-MAY-2007 00:51:02	Bright	41.500	120	1Del Oph	2.7340	3200.0	83	27411	No
14	GOM_NL__2PRFIN20070529_005403_000000382058_00303_27411_4297.N1	29-MAY-2007 00:54:03	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	27411	No
15	GOM_NL__2PRFIN20070529_005955_000000372058_00303_27411_4298.N1	29-MAY-2007 00:59:55	Bright	36.500	83		2.3780	11000.	73	27411	No
16	GOM_NL__2PRFIN20070529_010306_000000352058_00303_27411_4299.N1	29-MAY-2007 01:03:06	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	27411	No
17	GOM_NL__2PRFIN20070529_011046_000000402058_00303_27411_4300.N1	29-MAY-2007 01:10:46	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	27411	No
18	GOM_NL__2PRFIN20070529_011314_000000372058_00303_27411_4301.N1	29-MAY-2007 01:13:14	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27411	No
19	GOM_NL__2PRFIN20070529_011753_000000362058_00303_27411_4302.N1	29-MAY-2007 01:17:53	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27411	No
20	GOM_NL__2PRFIN20070529_012559_000000362058_00303_27411_4303.N1	29-MAY-2007 01:25:59	Bright	35.500	76	27Gam Cas	2.3000	30000.	71	27411	No
21	GOM_NL__2PRFIN20070529_013335_000000402058_00303_27411_4304.N1	29-MAY-2007 01:33:35	Bright	39.500	53	43Bet And	2.0480	3300.0	79	27411	No
22	GOM_NL__2PRFIN20070529_014950_000000462058_00303_27411_4305.N1	29-MAY-2007 01:49:50	Dark	45.500	52	16Bet Cet	2.0370	4500.0	91	27411	No
23	GOM_NL__2PRFIN20070529_015635_000000432058_00303_27411_4306.N1	29-MAY-2007 01:56:35	Dark	42.500	84	Alp Phe	2.3970	4500.0	85	27411	No
24	GOM_NL__2PRFIN20070529_020139_000000492058_00304_27412_4299.N1	29-MAY-2007 02:01:39	Dark	48.500	63	Bet Gru	2.1500	2800.0	97	27412	No
25	GOM_NL__2PRFIN20070529_020327_000000452058_00304_27412_4300.N1	29-MAY-2007 02:03:27	Dark	45.000	31	Alp Gru	1.7340	15200.	90	27412	No
26	GOM_NL__2PRFIN20070529_020837_000000442058_00304_27412_4301.N1	29-MAY-2007 02:08:37	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	27412	No
27	GOM_NL__2PRFIN20070529_021503_000000422058_00304_27412_4302.N1	29-MAY-2007 02:15:03	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	27412	No
28	GOM_NL__2PRFIN20070529_021756_000000472058_00304_27412_4303.N1	29-MAY-2007 02:17:56	Straylight	46.500	40	The Sco	1.8590	7100.0	93	27412	No
29	GOM_NL__2PRFIN20070529_021945_000000482058_00304_27412_4304.N1	29-MAY-2007 02:19:45	Twilight_stray	47.500	25	35Lam Sco	1.6200	28000.	95	27412	No
30	GOM_NL__2PRFIN20070529_022138_000000452058_00304_27412_4305.N1	29-MAY-2007 02:21:38	Twilight_stray	45.000	75	26Eps Sco	2.2910	4250.0	90	27412	No
31	GOM_NL__2PRFIN20070529_022343_000000412058_00304_27412_4306.N1	29-MAY-2007 02:23:43	Twilight_stray	41.000	136	23Tau Sco	2.8220	30000.	82	27412	No
32	GOM_NL__2PRFIN20070529_022639_000000402058_00304_27412_4307.N1	29-MAY-2007 02:26:39	Bright	39.500	97	8Bet1Sco	2.5610	30000.	79	27412	No
33	GOM_NL__2PRFIN20070529_023004_000000372058_00304_27412_4308.N1	29-MAY-2007 02:30:04	Bright	37.000	104	27Bet Lib	2.6140	13100.	74	27412	No
34	GOM_NL__2PRFIN20070529_023137_000000412058_00304_27412_4309.N1	29-MAY-2007 02:31:37	Bright	40.500	120	1Del Oph	2.7340	3200.0	81	27412	No
35	GOM_NL__2PRFIN20070529_023439_000000382058_00304_27412_4310.N1	29-MAY-2007 02:34:39	Bright	37.500	102	24Alp Ser	2.6000	4250.0	75	27412	No
36	GOM_NL__2PRFIN20070529_024031_000000372058_00304_27412_4311.N1	29-MAY-2007 02:40:31	Bright	36.500	83		2.3780	11000.	73	27412	No
37	GOM_NL__2PRFIN20070529_024342_000000352058_00304_27412_4312.N1	29-MAY-2007 02:43:42	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	27412	No
38	GOM_NL__2PRFIN20070529_025122_000000402058_00304_27412_4313.N1	29-MAY-2007 02:51:22	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	27412	No
39	GOM_NL__2PRFIN20070529_025350_000000332058_00304_27412_4314.N1	29-MAY-2007 02:53:50	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	27412	No
40	GOM_NL__2PRFIN20070529_025829_000000332058_00304_27412_4315.N1	29-MAY-2007 02:58:29	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	27412	No
41	GOM_NL__2PRFIN20070529_030635_000000552058_00304_27412_4316.N1	29-MAY-2007 03:06:35	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	27412	No
42	GOM_NL__2PRFIN20070529_031412_000000422058_00304_27412_4317.N1	29-MAY-2007 03:14:12	Bright	41.500	53	43Bet And	2.0480	3300.0	83	27412	No

279	GOM_NL__2PRFIN20070529_222702_000000442058_00316_27424_4593.N1	29-MAY-2007 22:27:02	Twilight_stray	44.000	25	35Lam Sco	1.6200	28000.	88	27424	No
280	GOM_NL__2PRFIN20070529_222853_000000482058_00316_27424_4594.N1	29-MAY-2007 22:28:53	Twilight_stray	48.000	75	26Eps Sco	2.2910	4250.0	96	27424	No
281	GOM_NL__2PRFIN20070529_223057_000000392058_00316_27424_4595.N1	29-MAY-2007 22:30:57	Twilight_stray	38.500	136	23Tau Sco	2.8220	30000.	77	27424	No
282	GOM_NL__2PRFIN20070529_223352_000000382058_00316_27424_4596.N1	29-MAY-2007 22:33:52	Bright	38.000	97	8Bet1Sco	2.5610	30000.	76	27424	No
283	GOM_NL__2PRFIN20070529_223635_000000432058_00316_27424_4597.N1	29-MAY-2007 22:36:35	Bright	42.500	98	13Zet Oph	2.5710	30000.	85	27424	No
284	GOM_NL__2PRFIN20070529_223848_000000402058_00316_27424_4598.N1	29-MAY-2007 22:38:48	Bright	40.000	120	1Del Oph	2.7340	3200.0	80	27424	No
285	GOM_NL__2PRFIN20070529_224150_000000372058_00316_27424_4599.N1	29-MAY-2007 22:41:50	Bright	37.000	102	24Alp Ser	2.6000	4250.0	74	27424	No
286	GOM_NL__2PRFIN20070529_224743_000000352058_00316_27424_4600.N1	29-MAY-2007 22:47:43	Bright	34.500	83		2.3780	11000.	69	27424	No
287	GOM_NL__2PRFIN20070529_225829_000000392058_00316_27424_4601.N1	29-MAY-2007 22:58:29	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	27424	No
288	GOM_NL__2PRFIN20070529_230101_000000372058_00316_27424_4602.N1	29-MAY-2007 23:01:01	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27424	No
289	GOM_NL__2PRFIN20070529_230540_000000322058_00316_27424_4603.N1	29-MAY-2007 23:05:40	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	27424	No
290	GOM_NL__2PRFIN20070529_231346_000000372058_00316_27424_4604.N1	29-MAY-2007 23:13:46	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	27424	No
291	GOM_NL__2PRFIN20070529_232124_000000412058_00316_27424_4605.N1	29-MAY-2007 23:21:24	Bright	40.500	53	43Bet And	2.0480	3300.0	81	27424	No
292	GOM_NL__2PRFIN20070529_233745_000000442058_00316_27424_4606.N1	29-MAY-2007 23:37:45	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	27424	No
293	GOM_NL__2PRFIN20070529_234429_000000402058_00316_27424_4607.N1	29-MAY-2007 23:44:29	Dark	40.000	84	Alp Phe	2.3970	4500.0	80	27424	No
294	GOM_NL__2PRFIN20070529_234937_000000562058_00317_27425_4599.N1	29-MAY-2007 23:49:37	Dark	55.500	63	Bet Gru	2.1500	2800.0	111	27425	No
295	GOM_NL__2PRFIN20070529_235126_000000462058_00317_27425_4600.N1	29-MAY-2007 23:51:26	Dark	46.000	31	Alp Gru	1.7340	15200.	92	27425	No
296	GOM_NL__2PRFIN20070529_235633_000000412058_00317_27425_4601.N1	29-MAY-2007 23:56:33	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	27425	No

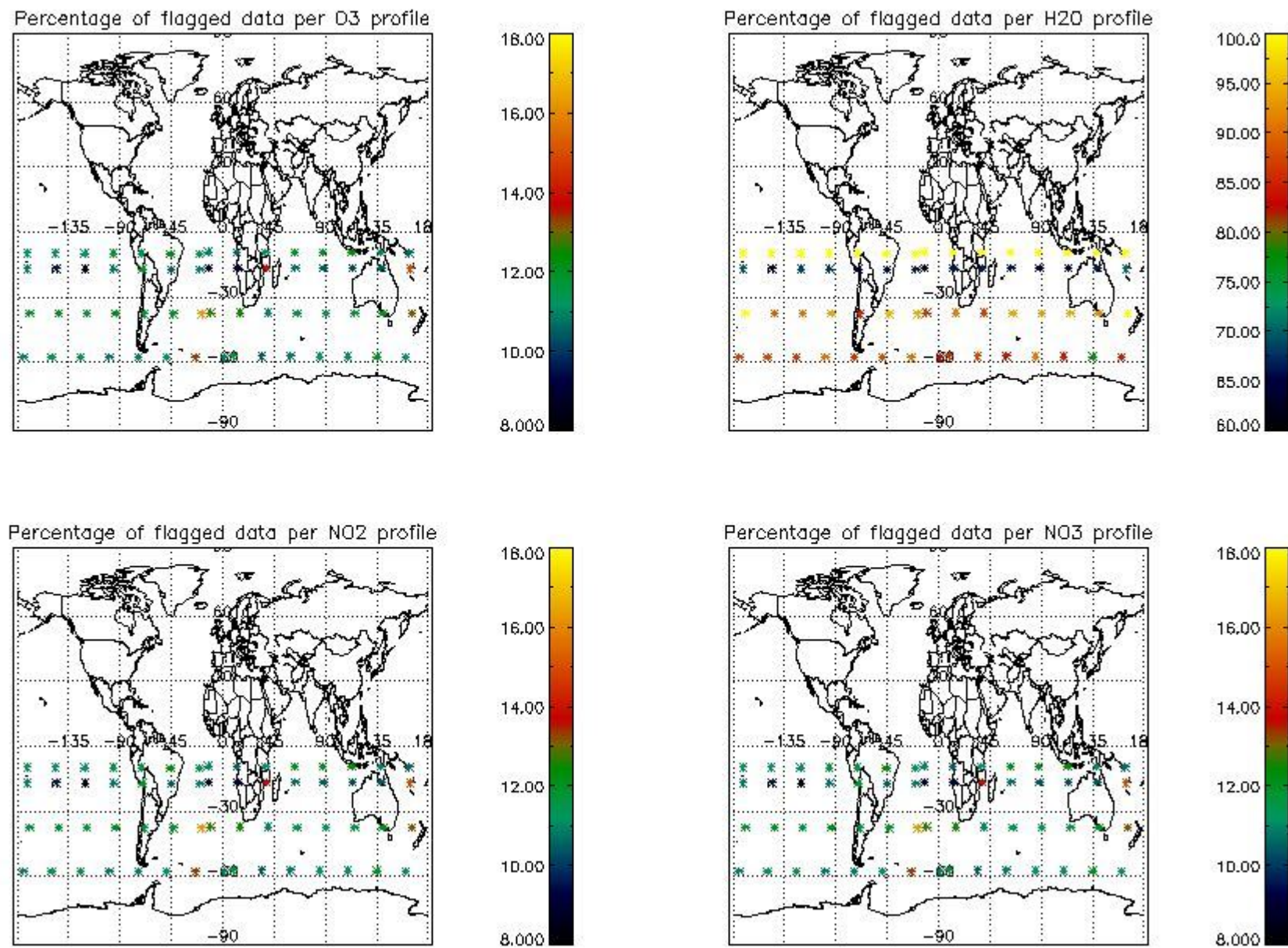
3. Quality information per product

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)

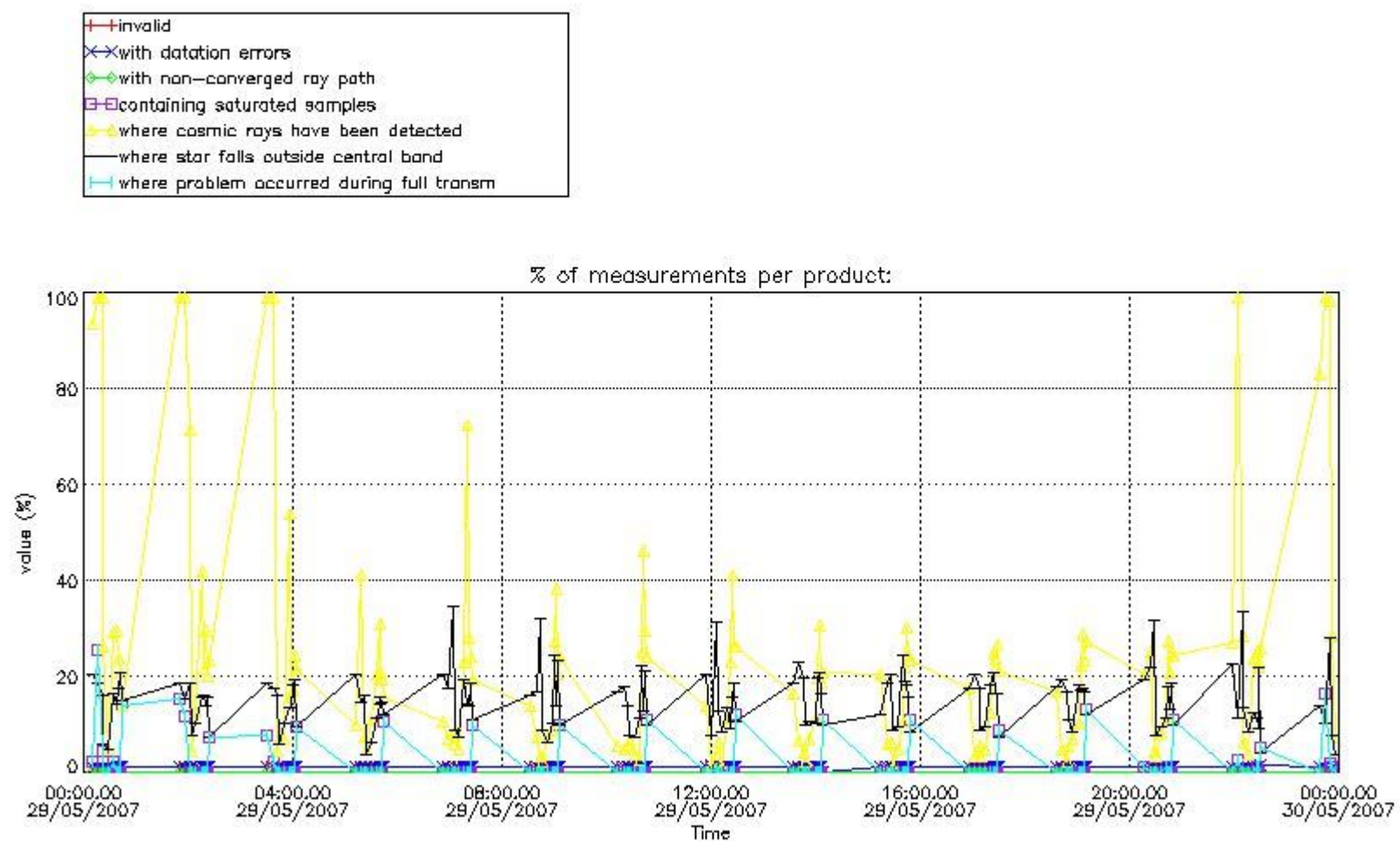


4. Level 1 quality information per product

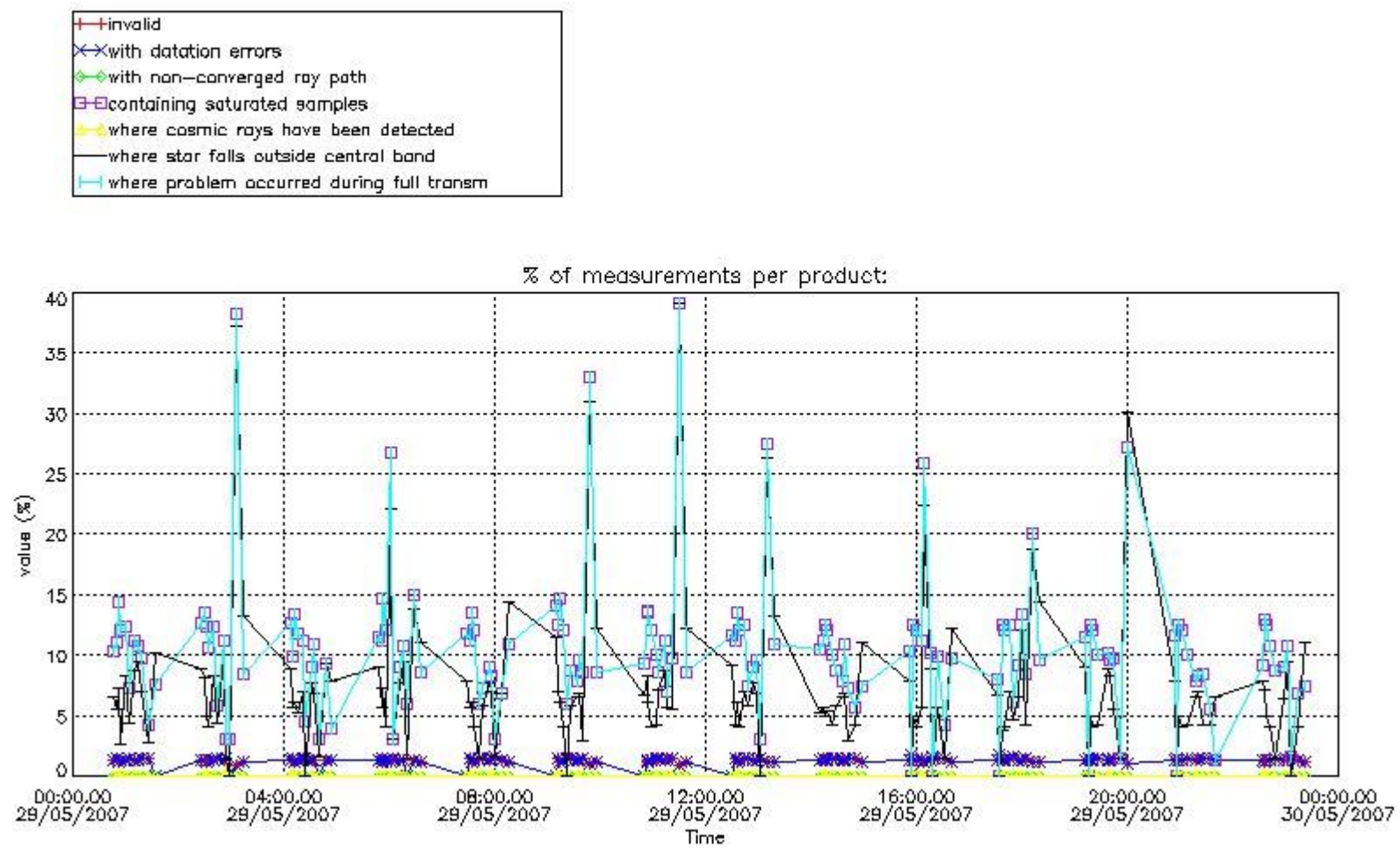
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



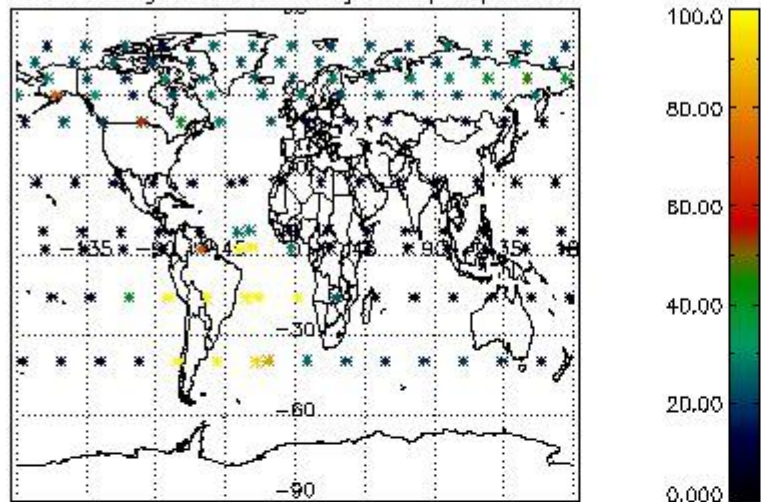
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



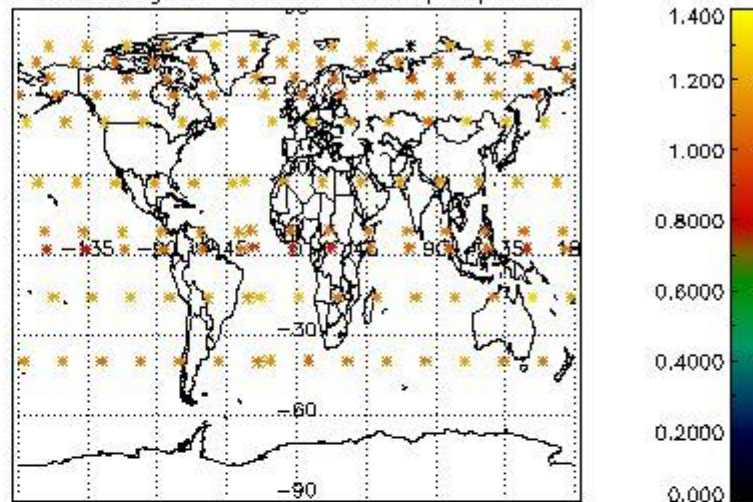
4.2 Plot quality information per product coming from level 1b processing (world map)

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

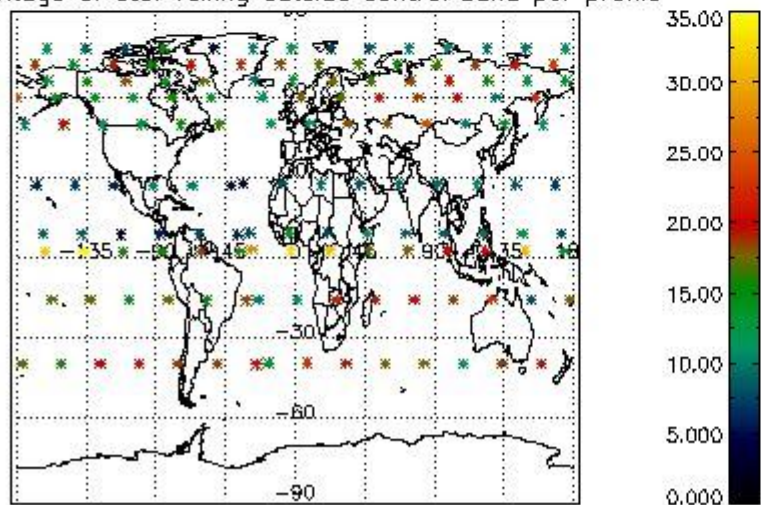
Percentage of cosmic ray hits per profile



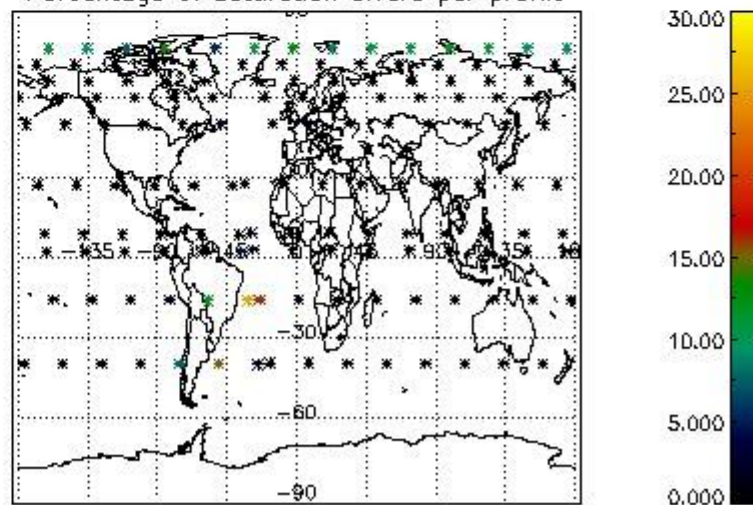
Percentage of datation errors per profile



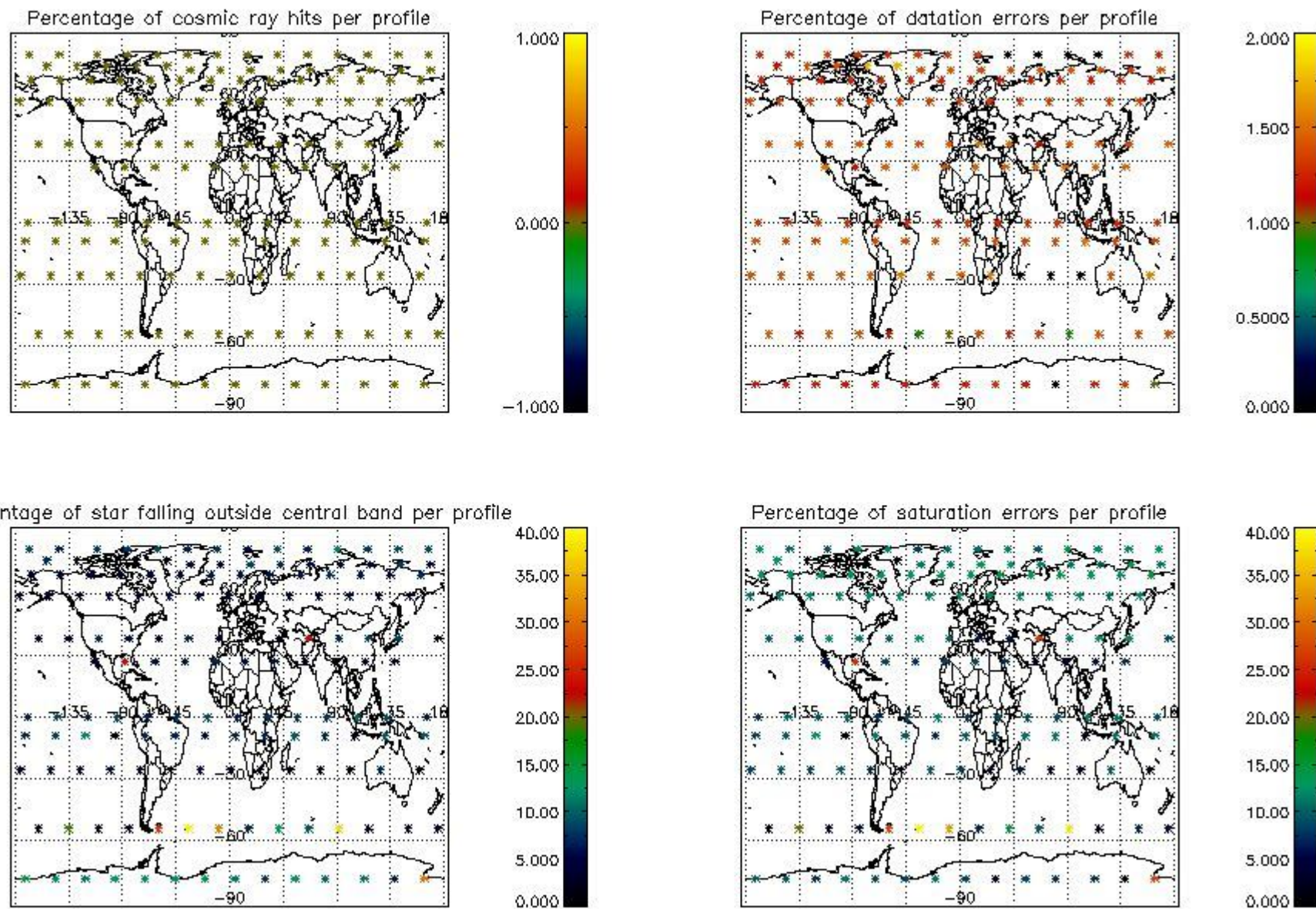
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

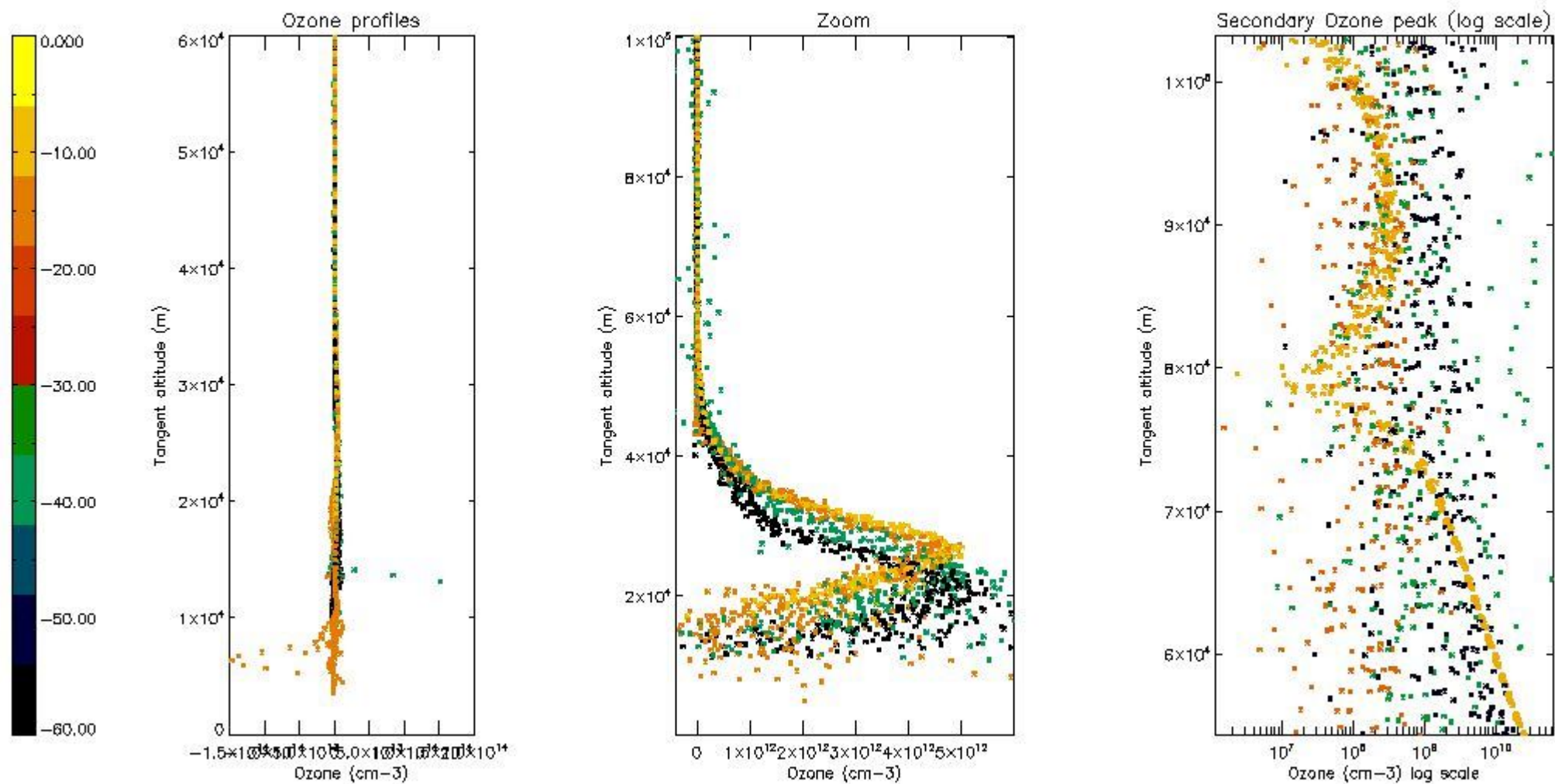
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	9

STD < 10	5
STD < 5	3

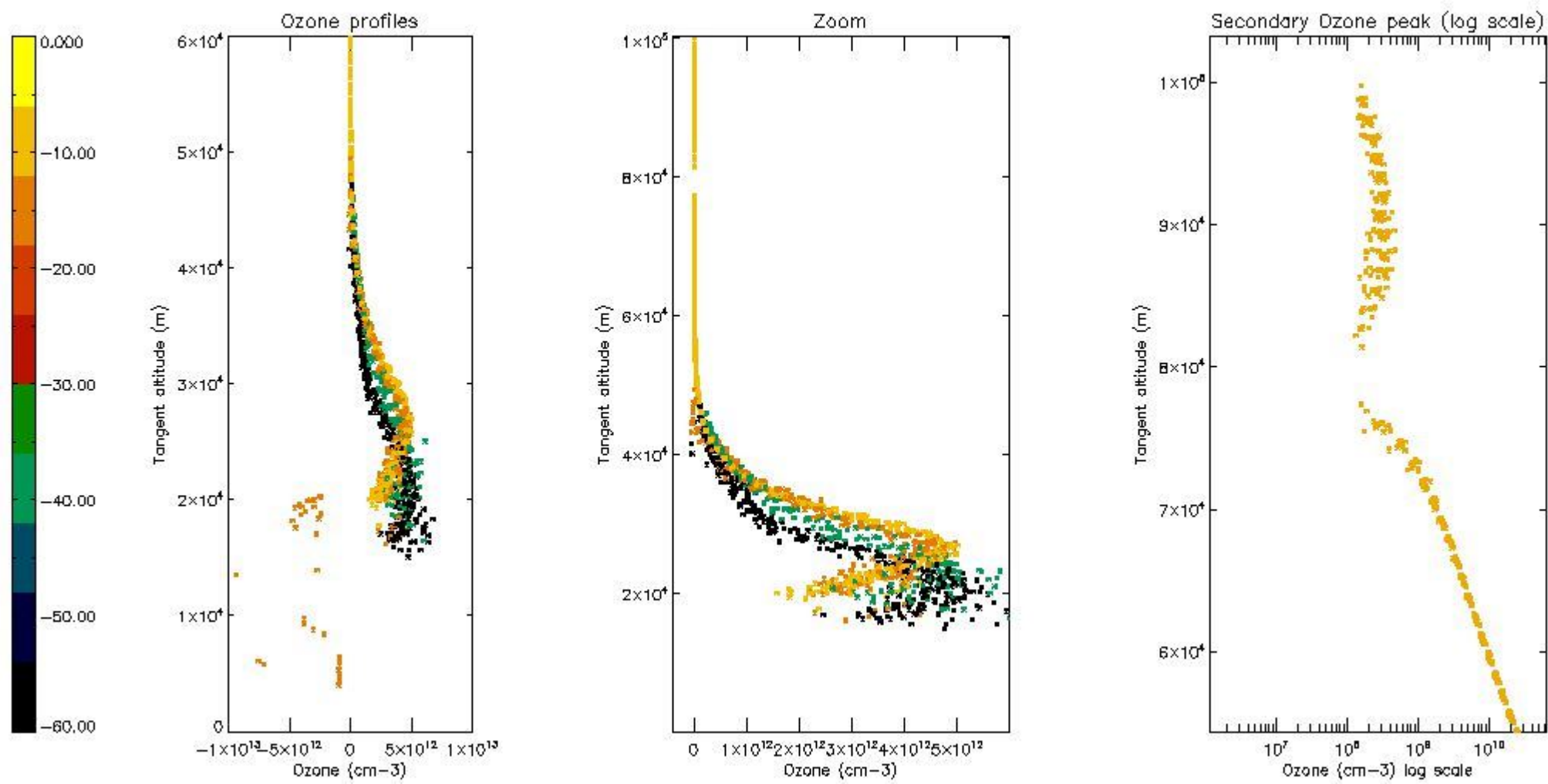
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



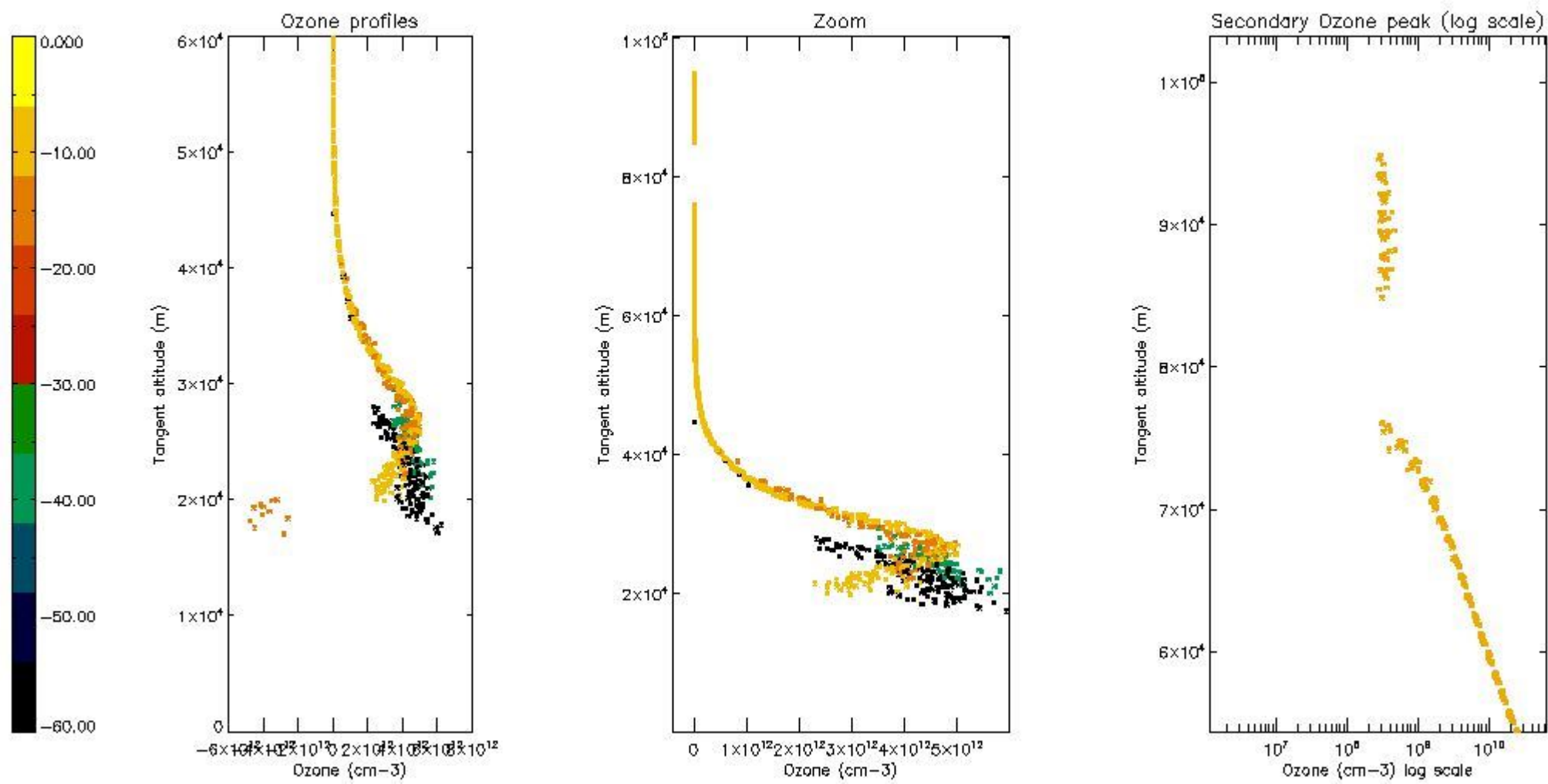
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



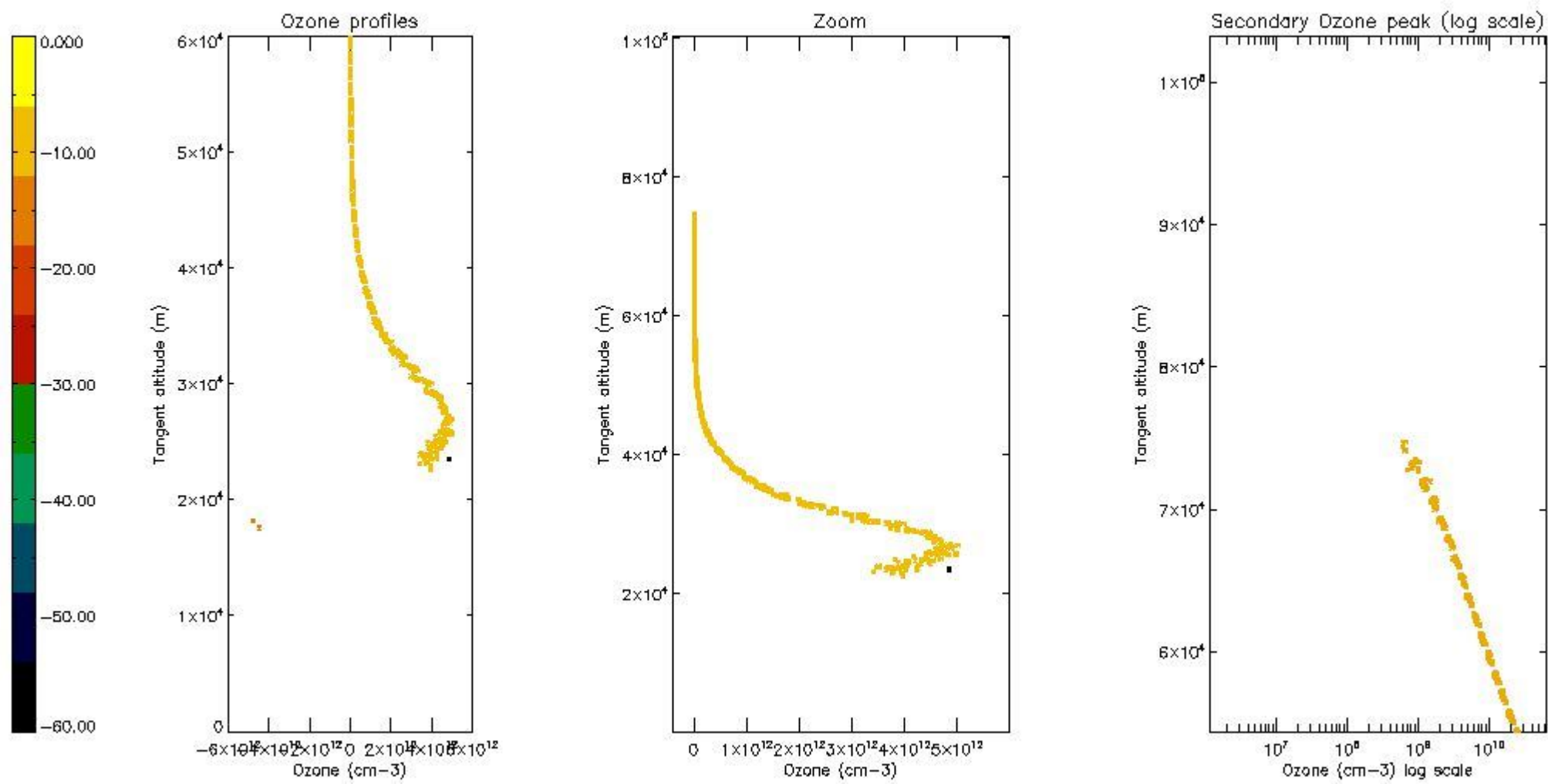
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



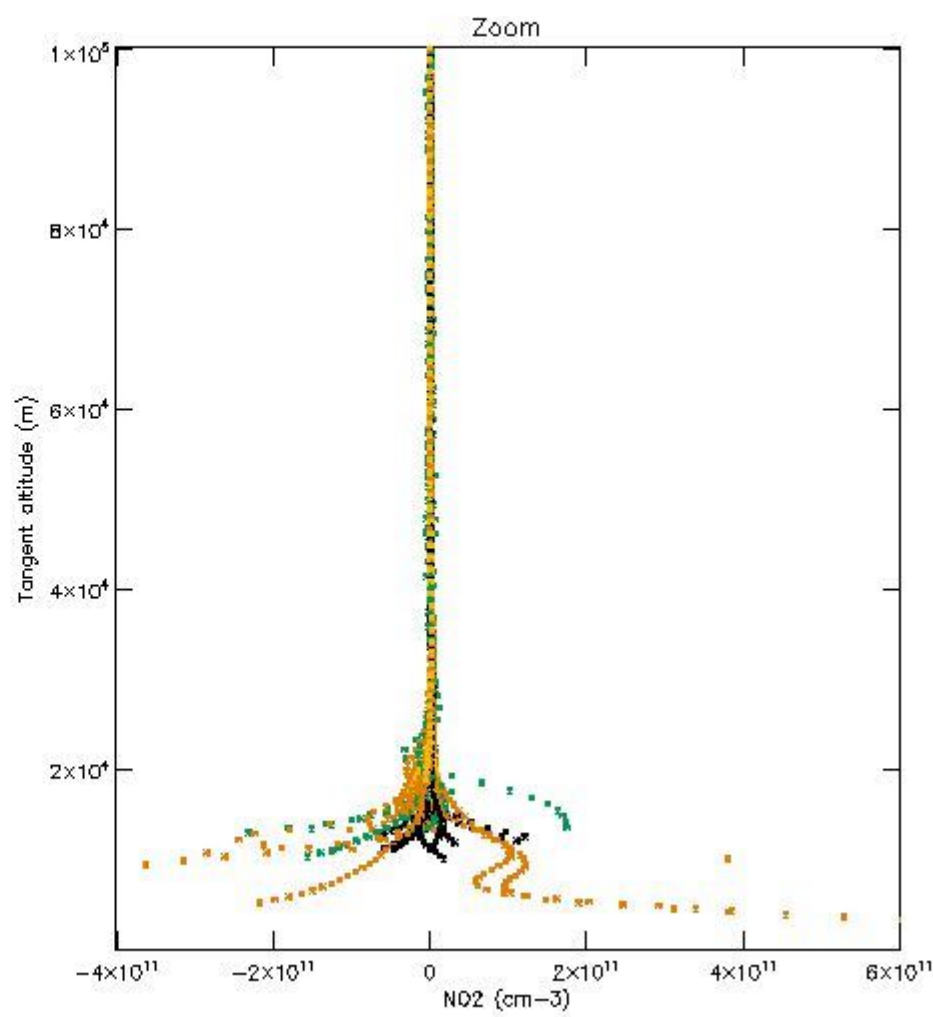
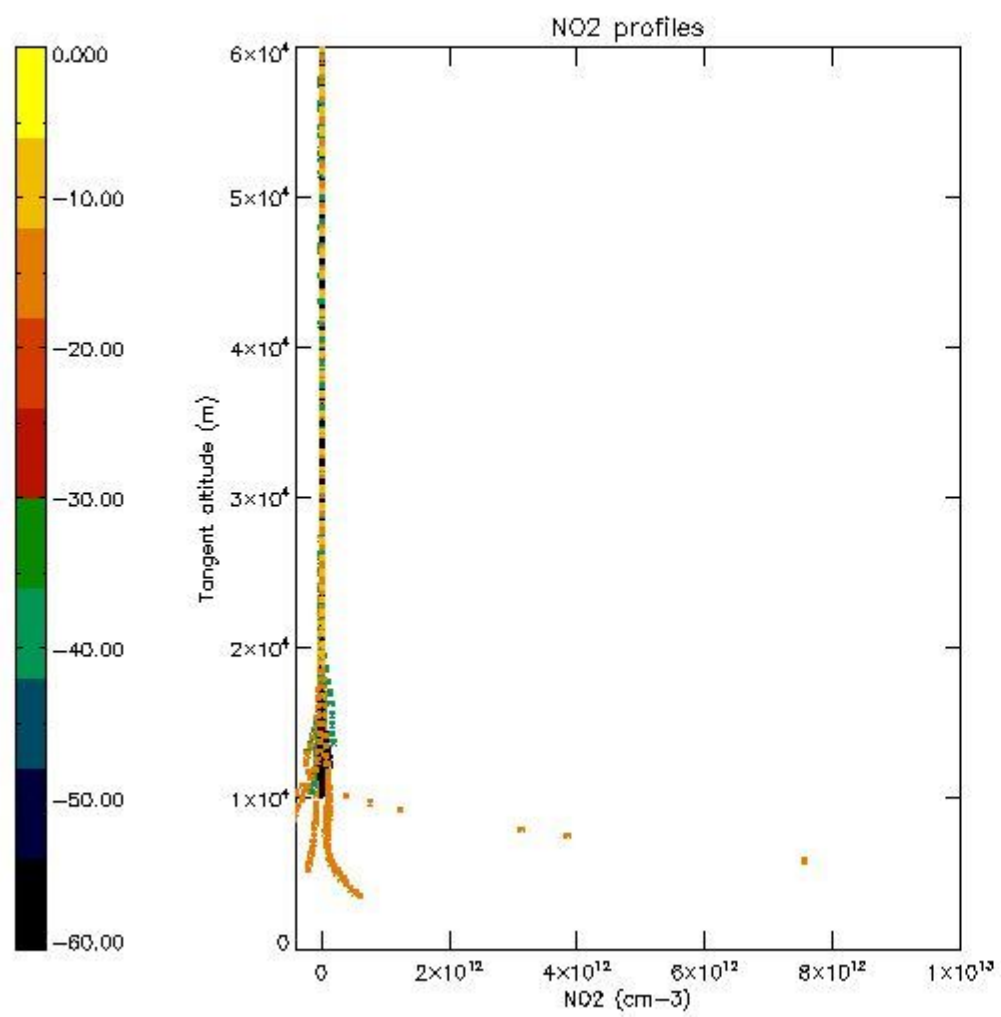
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



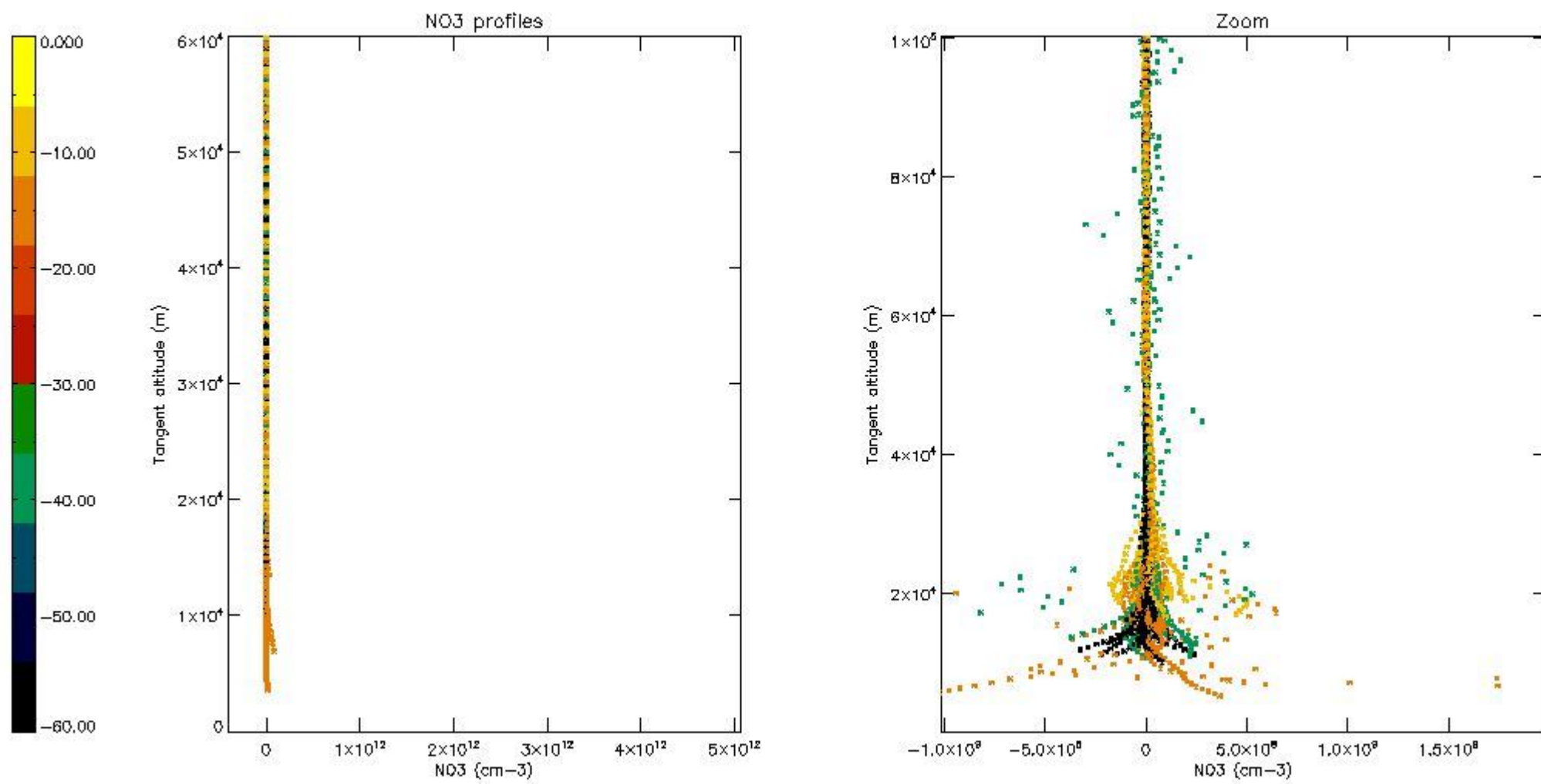
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



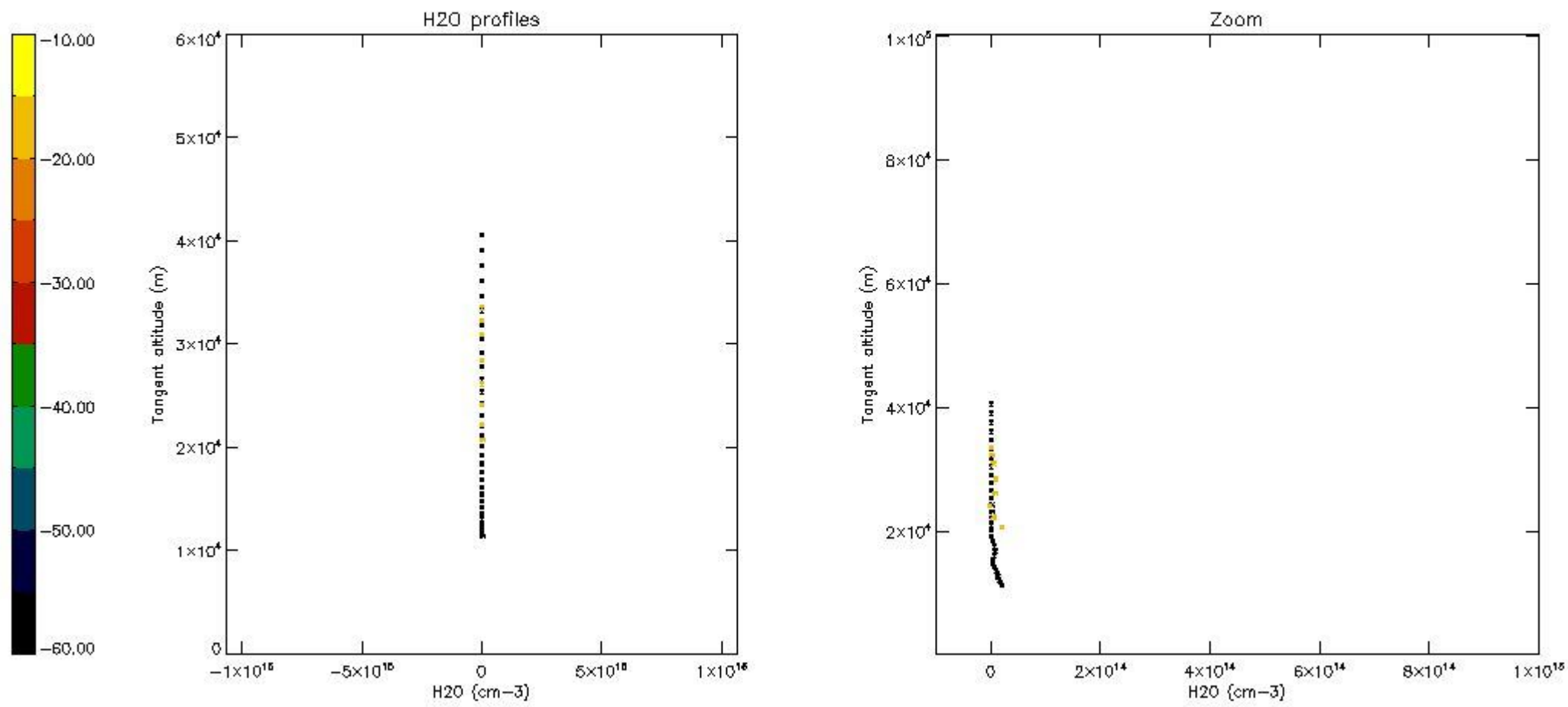
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

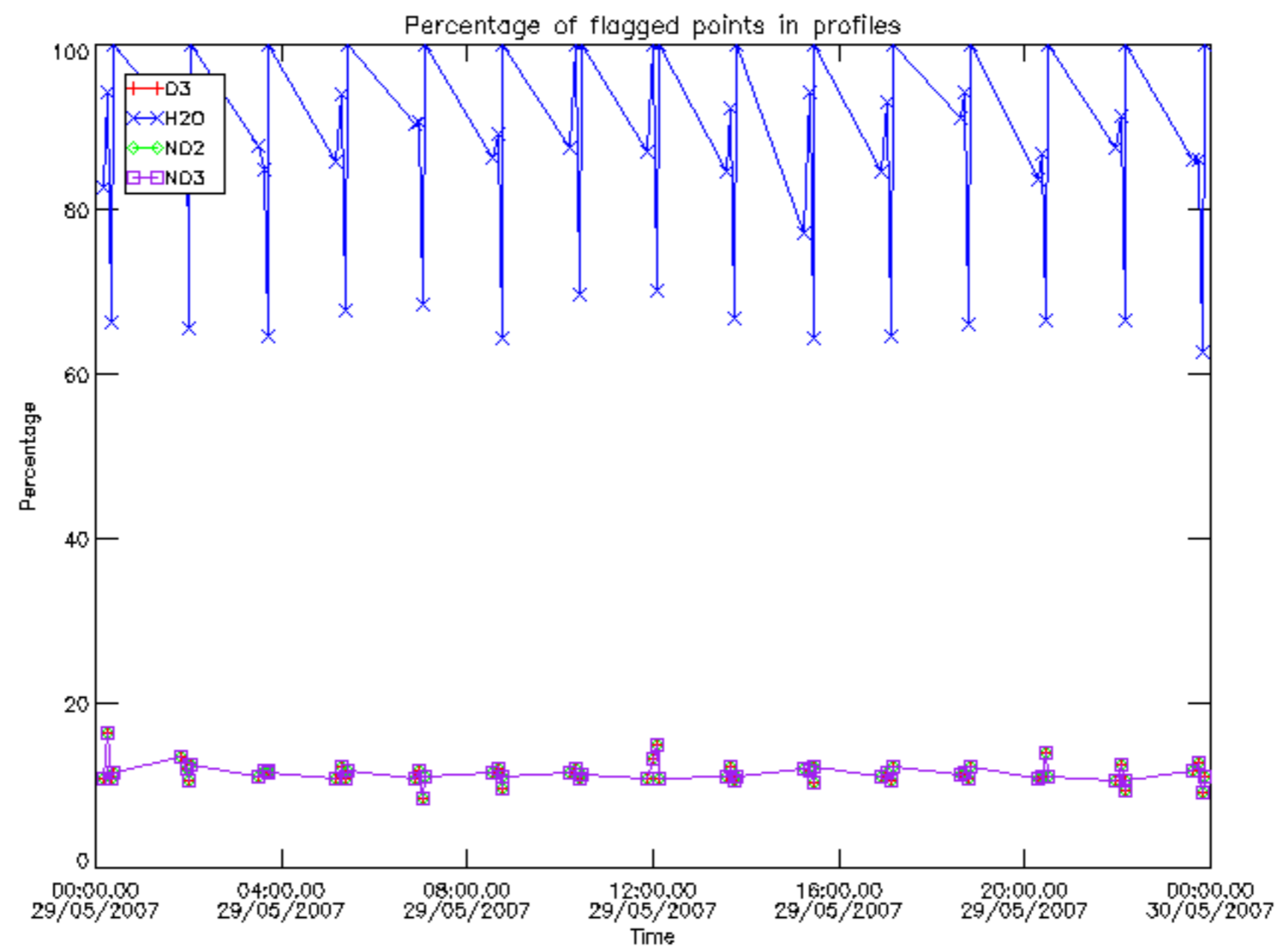
The colorbar represents the latitude.



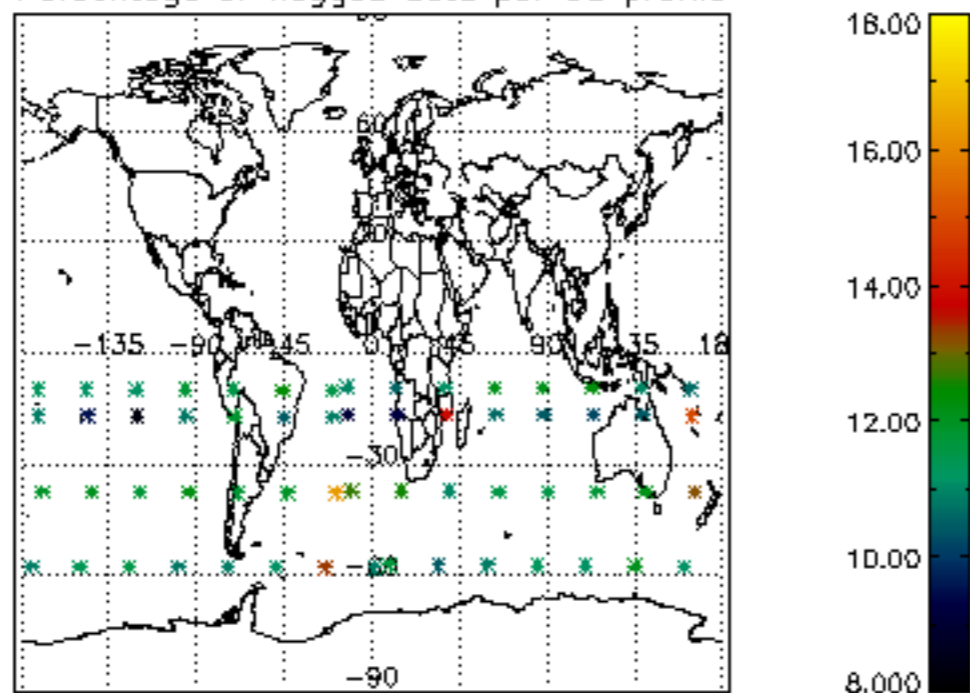
6. Auxiliary Data Files used for the production reported in section 2

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.

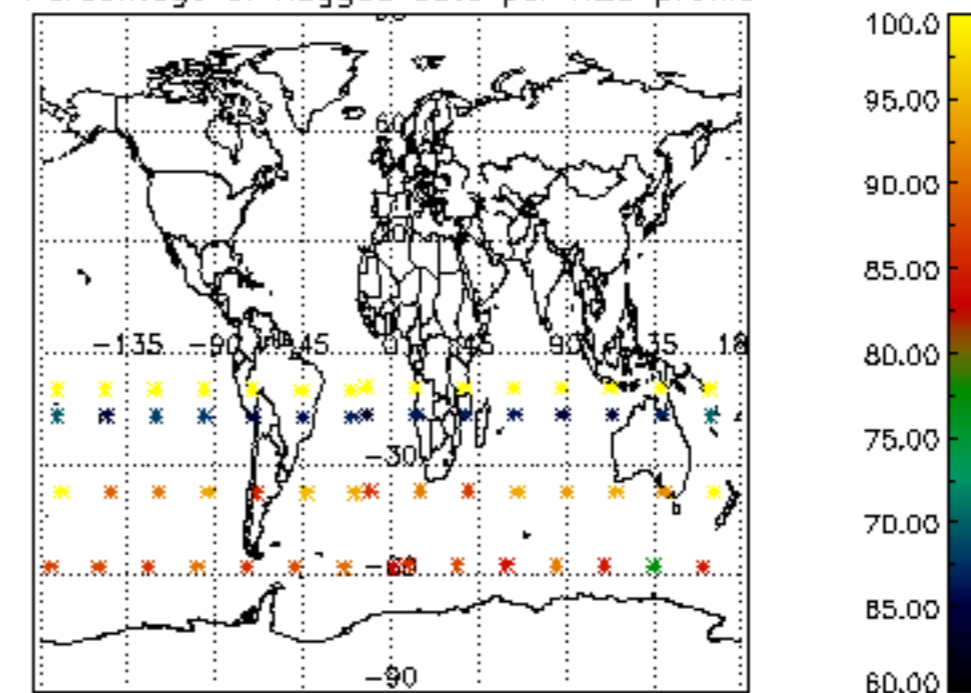
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-MAY-2007 00:09:14
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-MAY-2007 00:09:14
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-MAY-2007 00:09:14



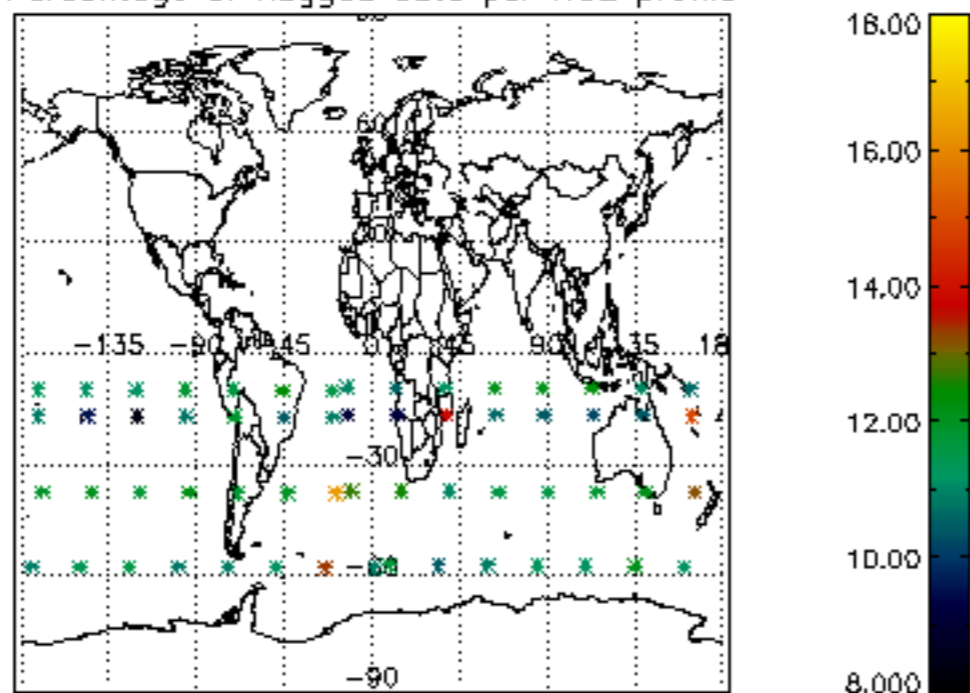
Percentage of flagged data per D3 profile



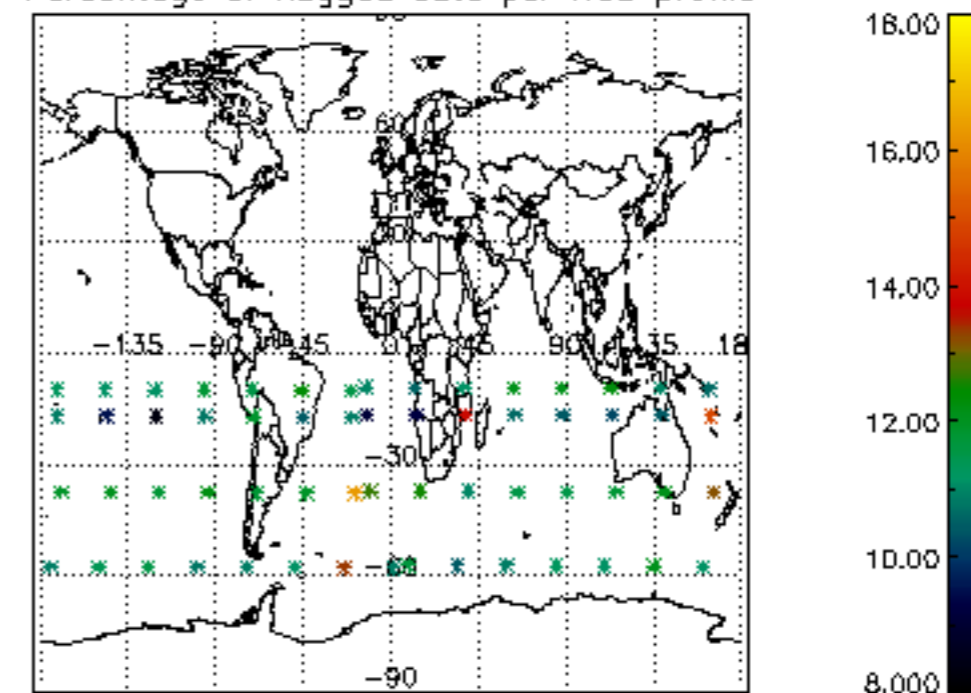
Percentage of flagged data per H2O profile

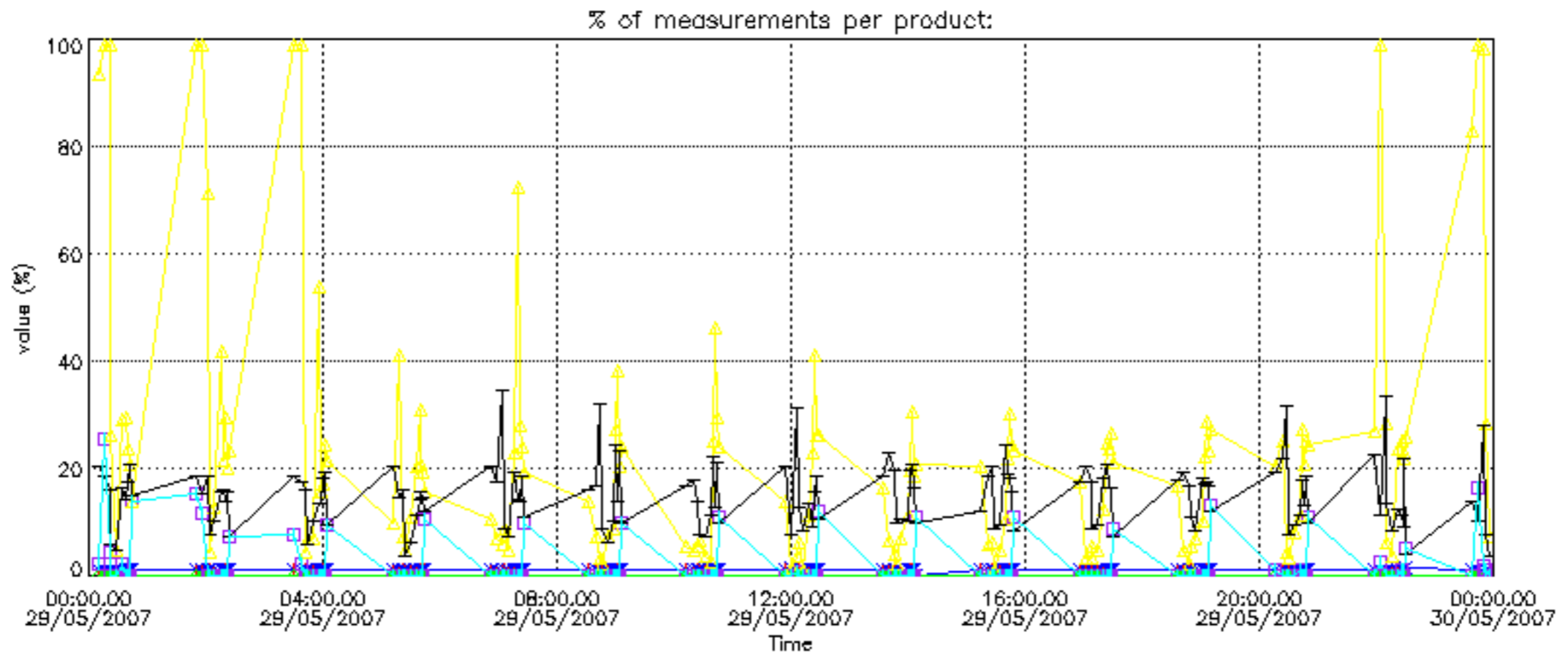


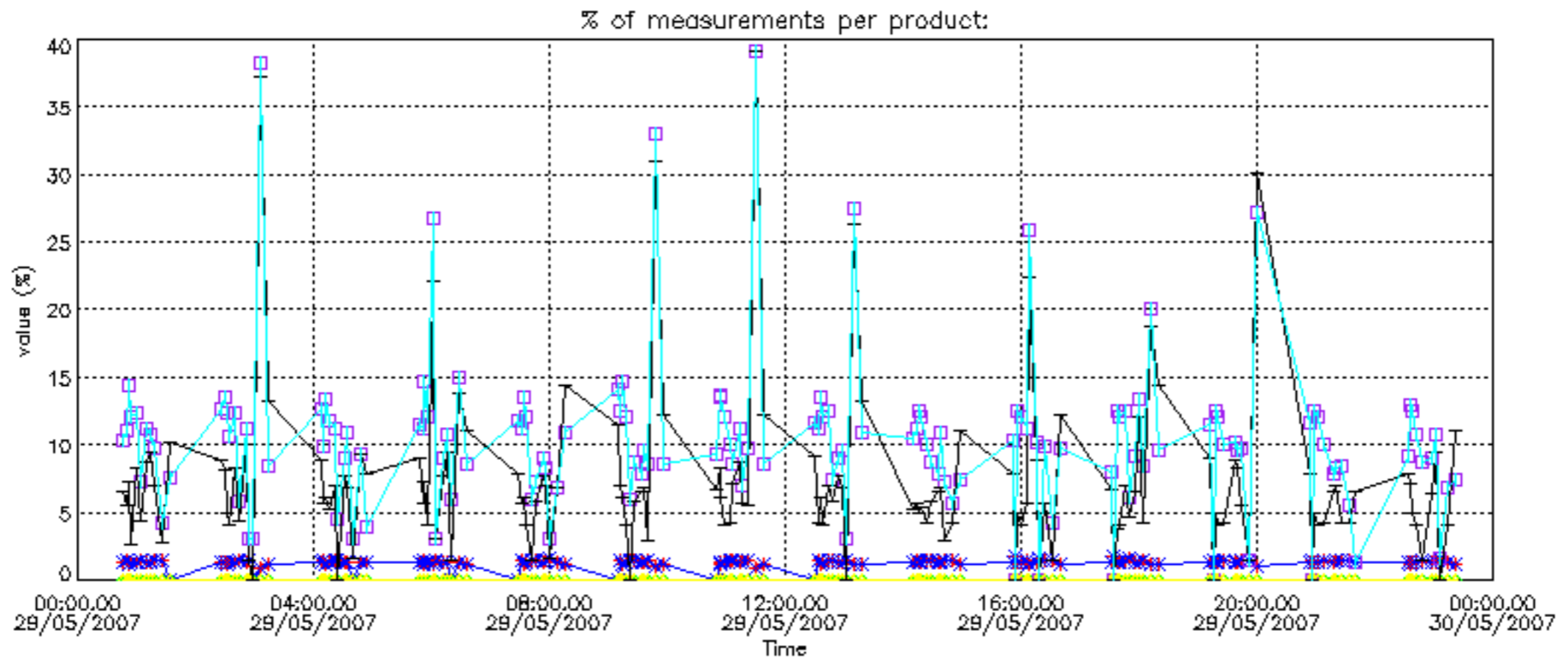
Percentage of flagged data per NO2 profile



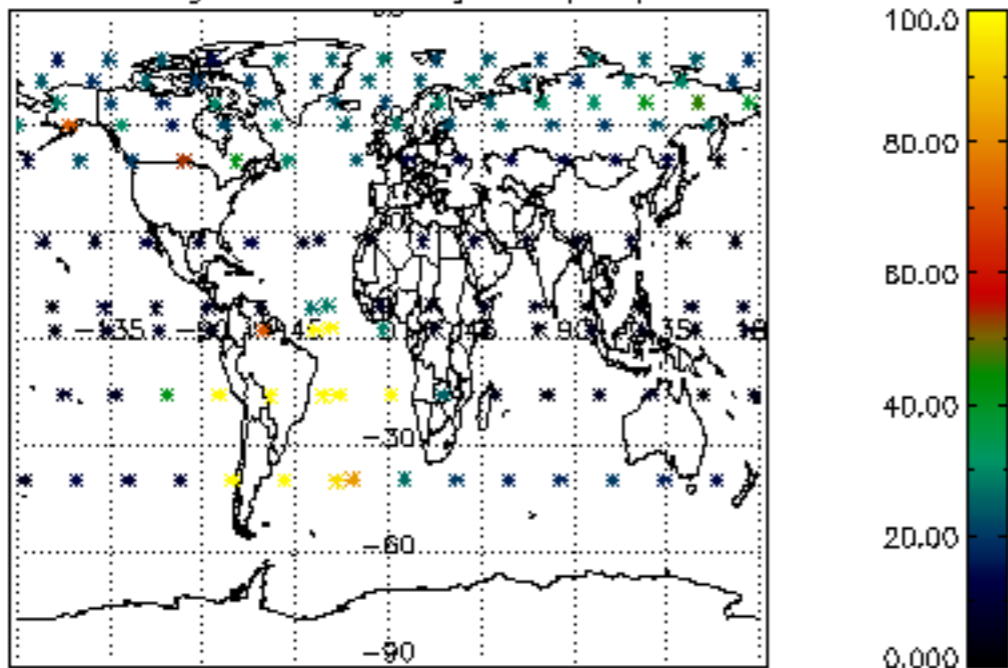
Percentage of flagged data per NO3 profile



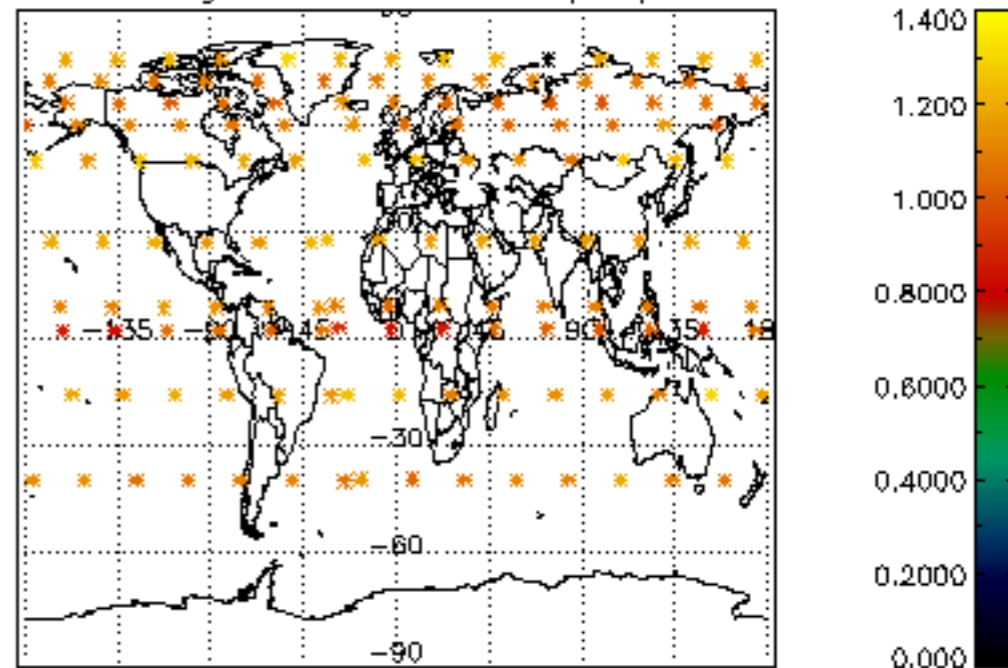




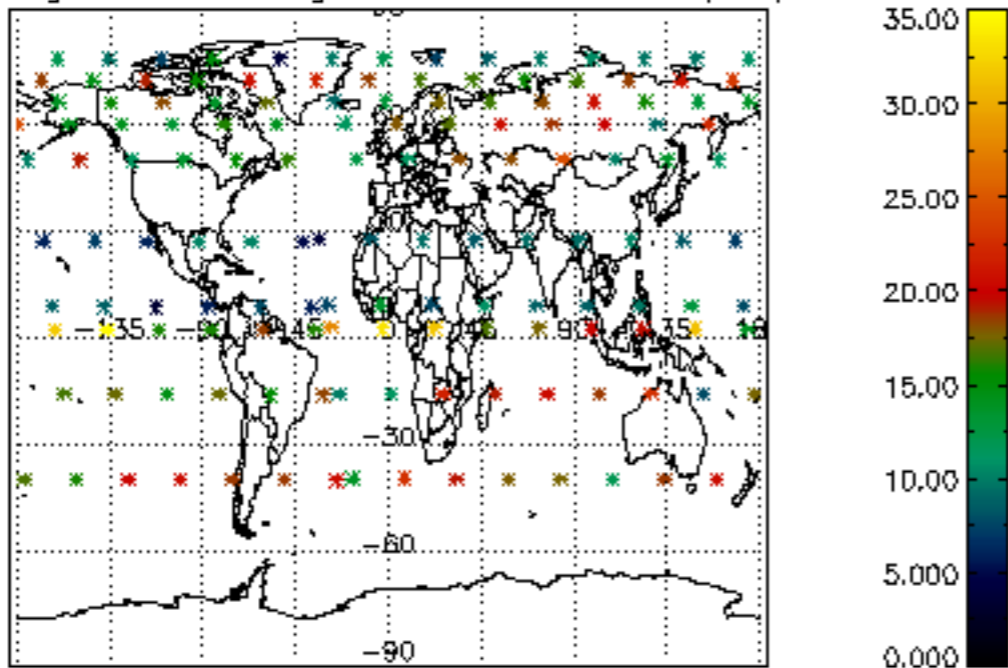
Percentage of cosmic ray hits per profile



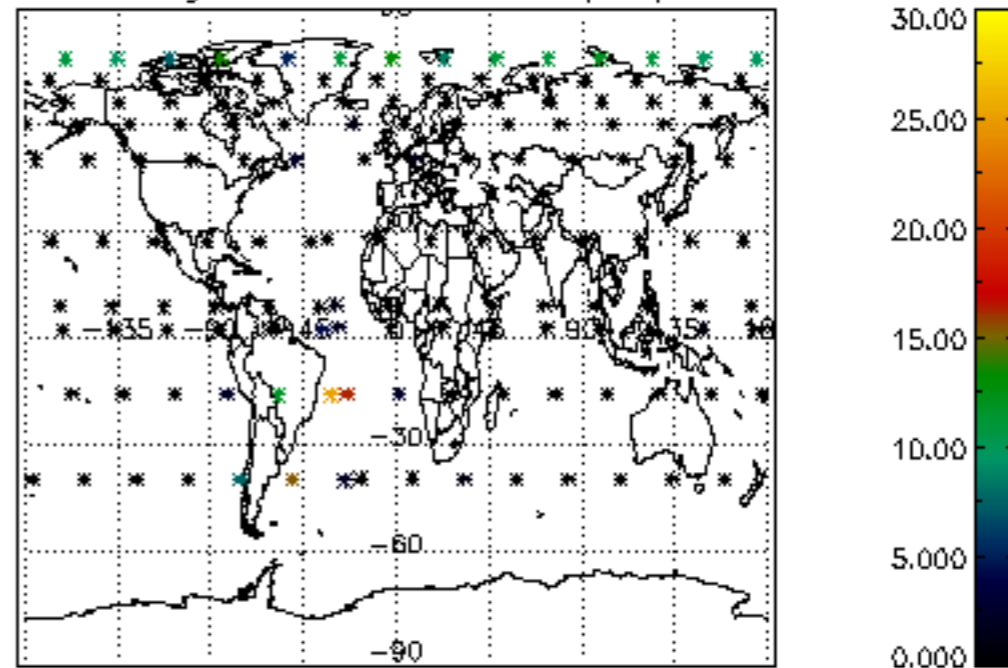
Percentage of datation errors per profile



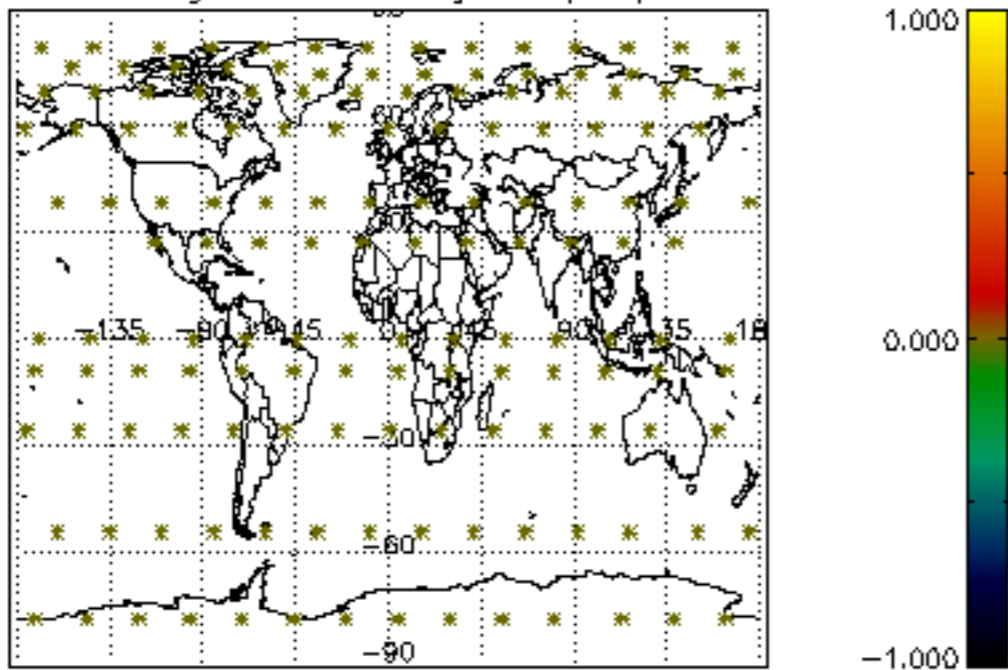
Percentage of star falling outside central band per profile



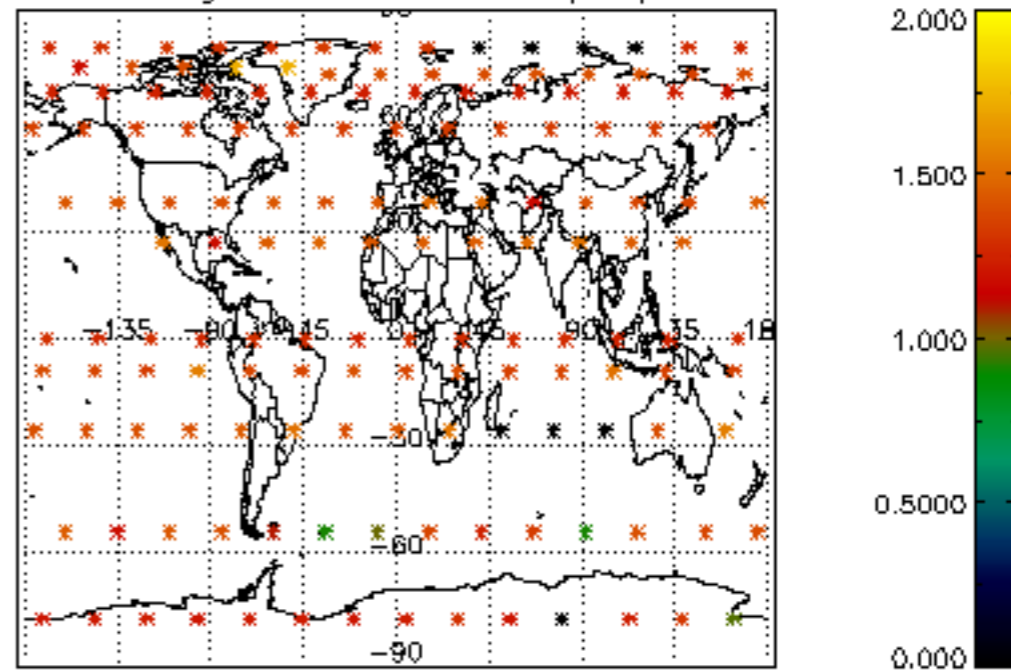
Percentage of saturation errors per profile



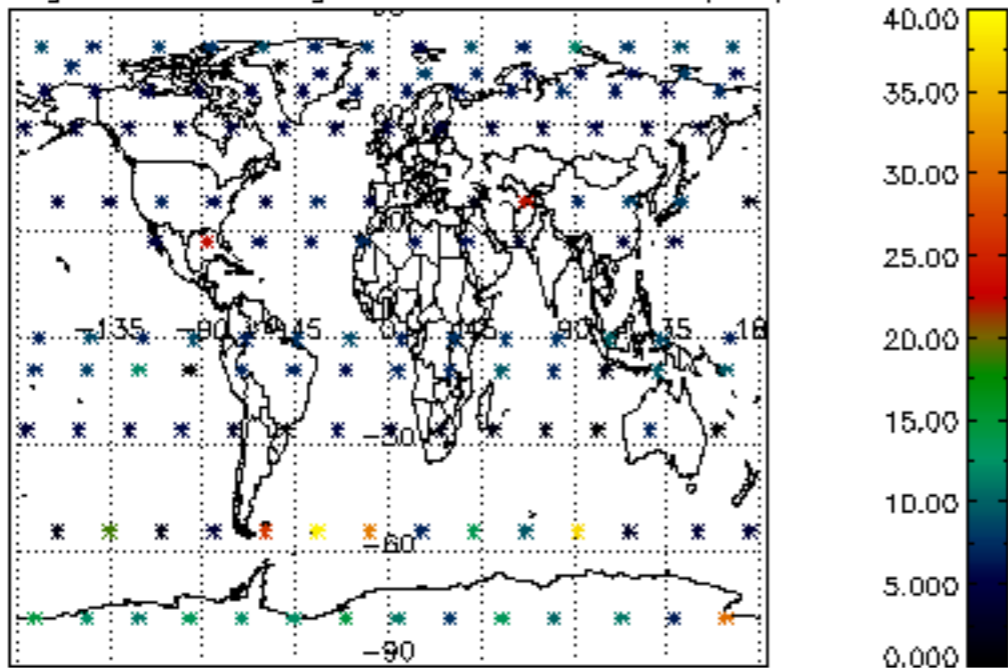
Percentage of cosmic ray hits per profile



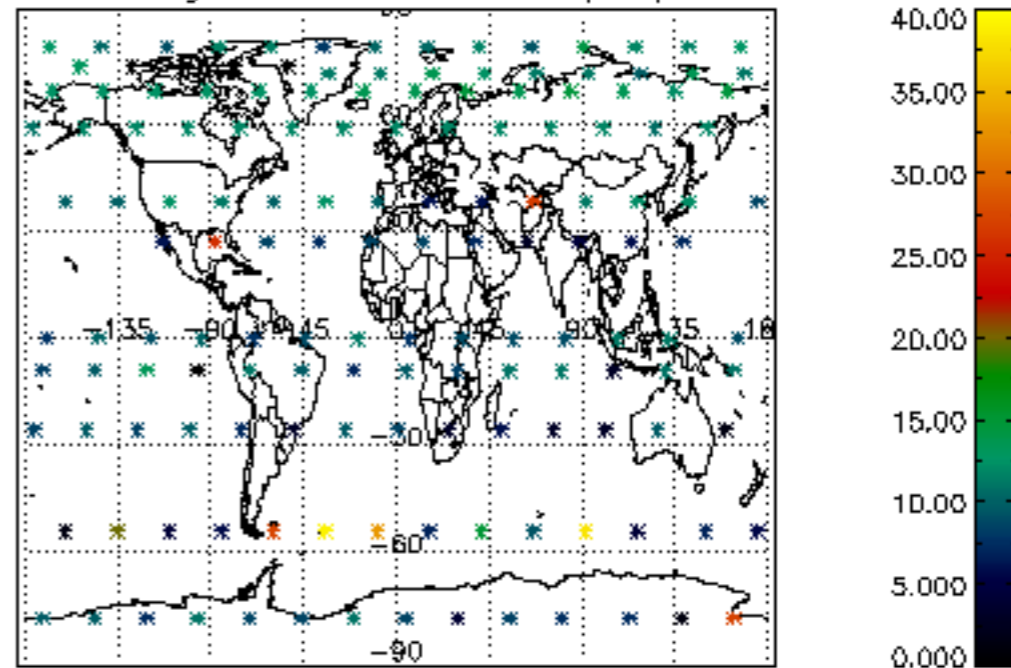
Percentage of datation errors per profile

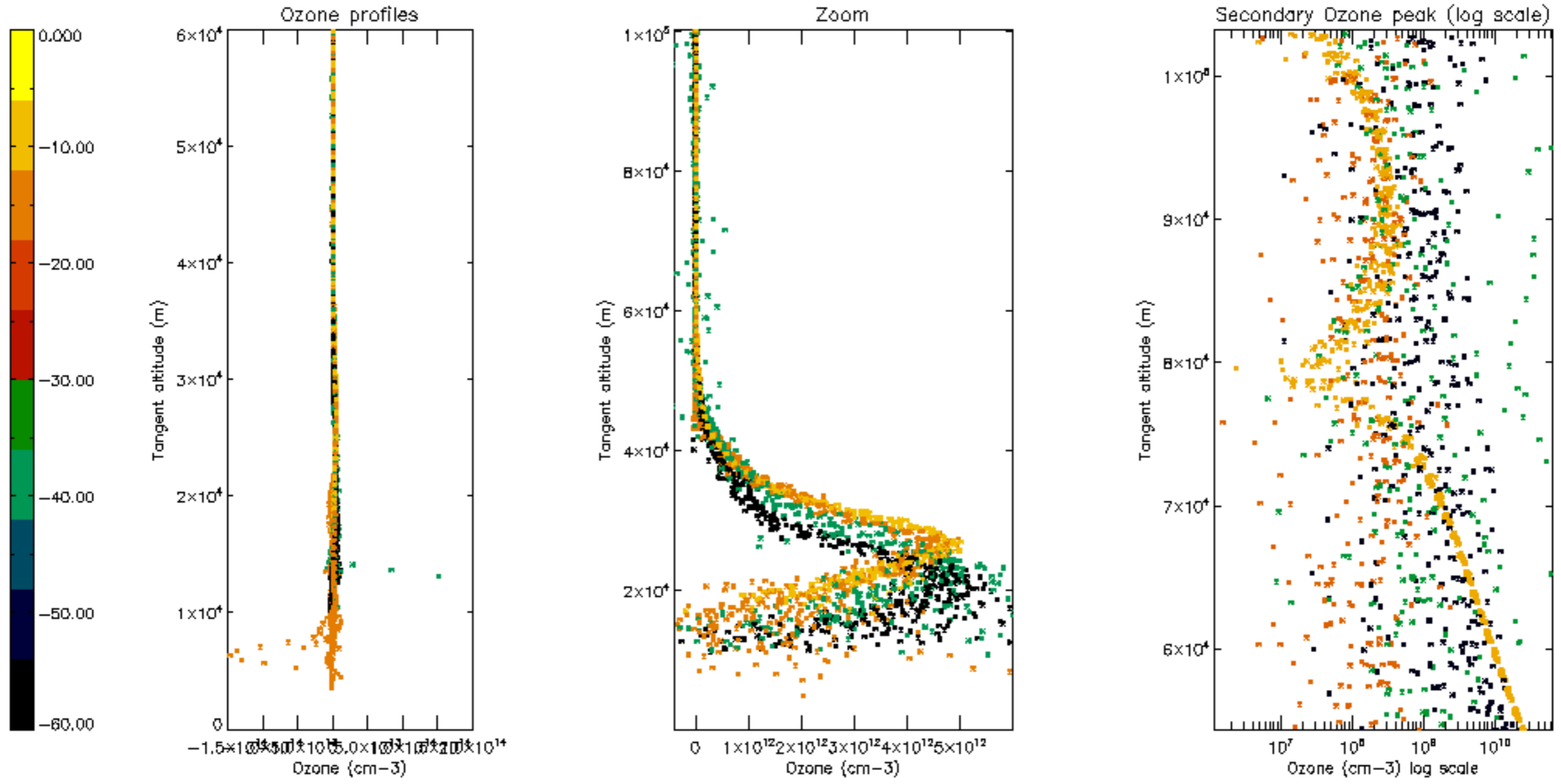


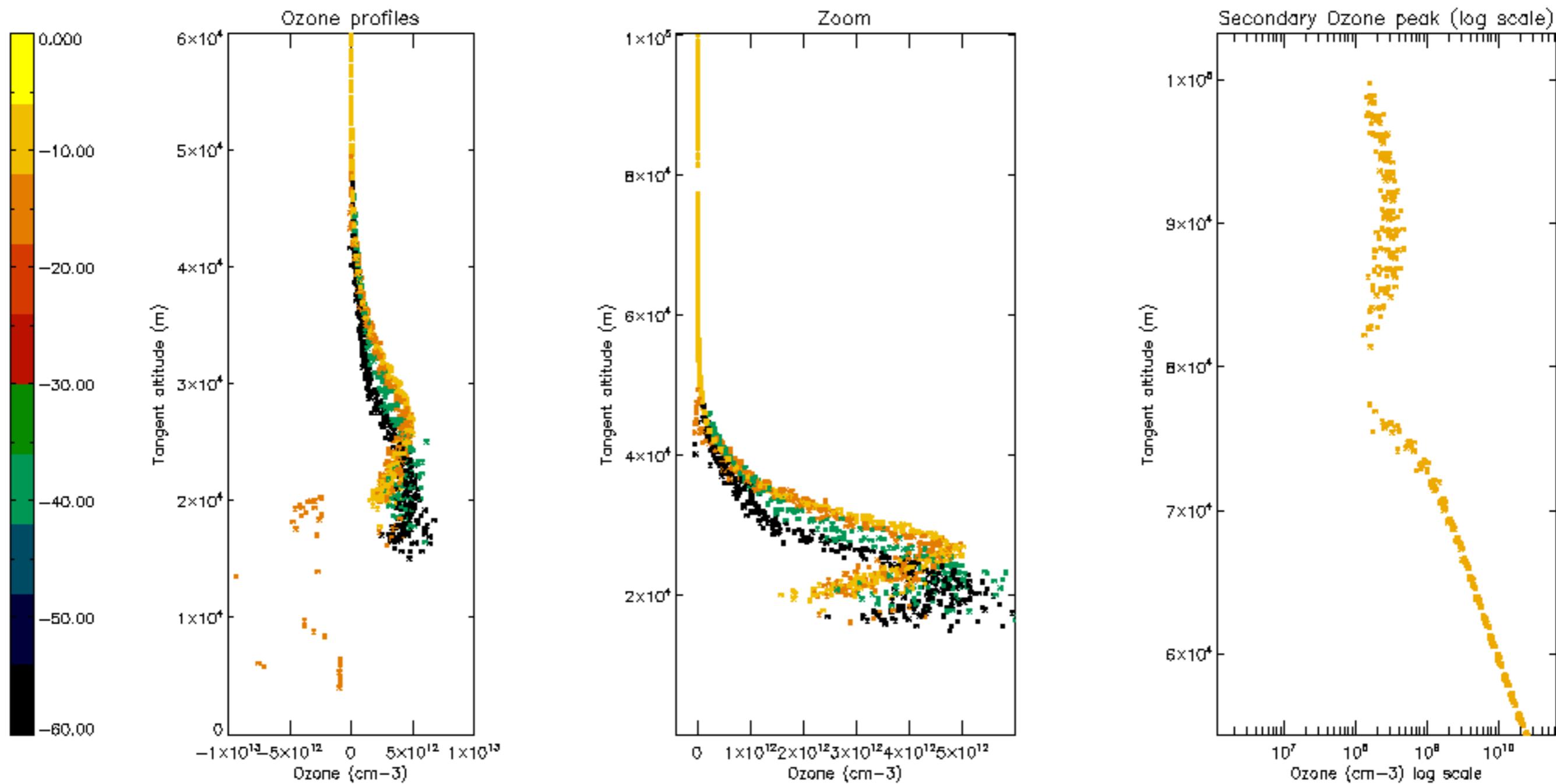
Percentage of star falling outside central band per profile

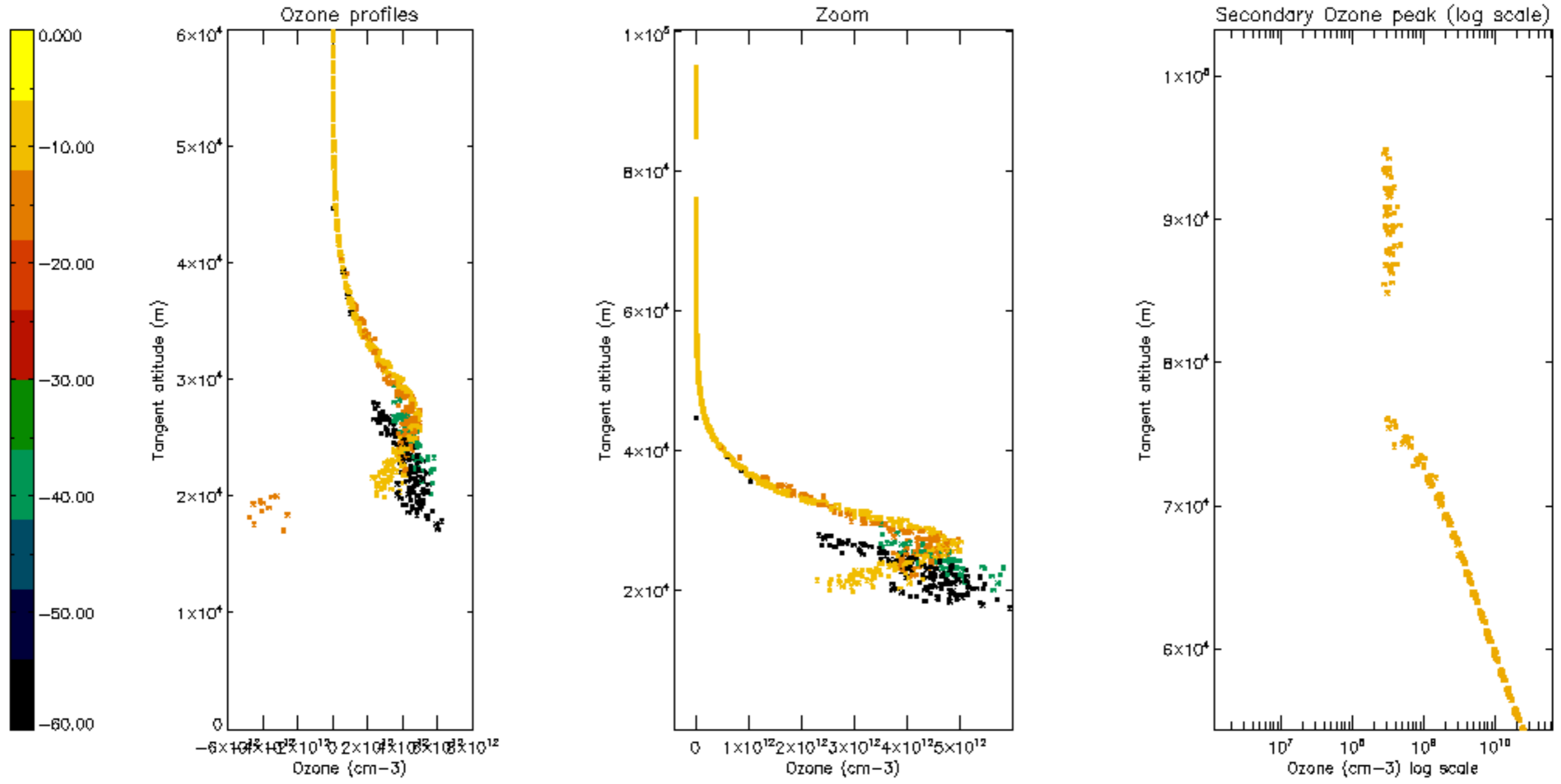


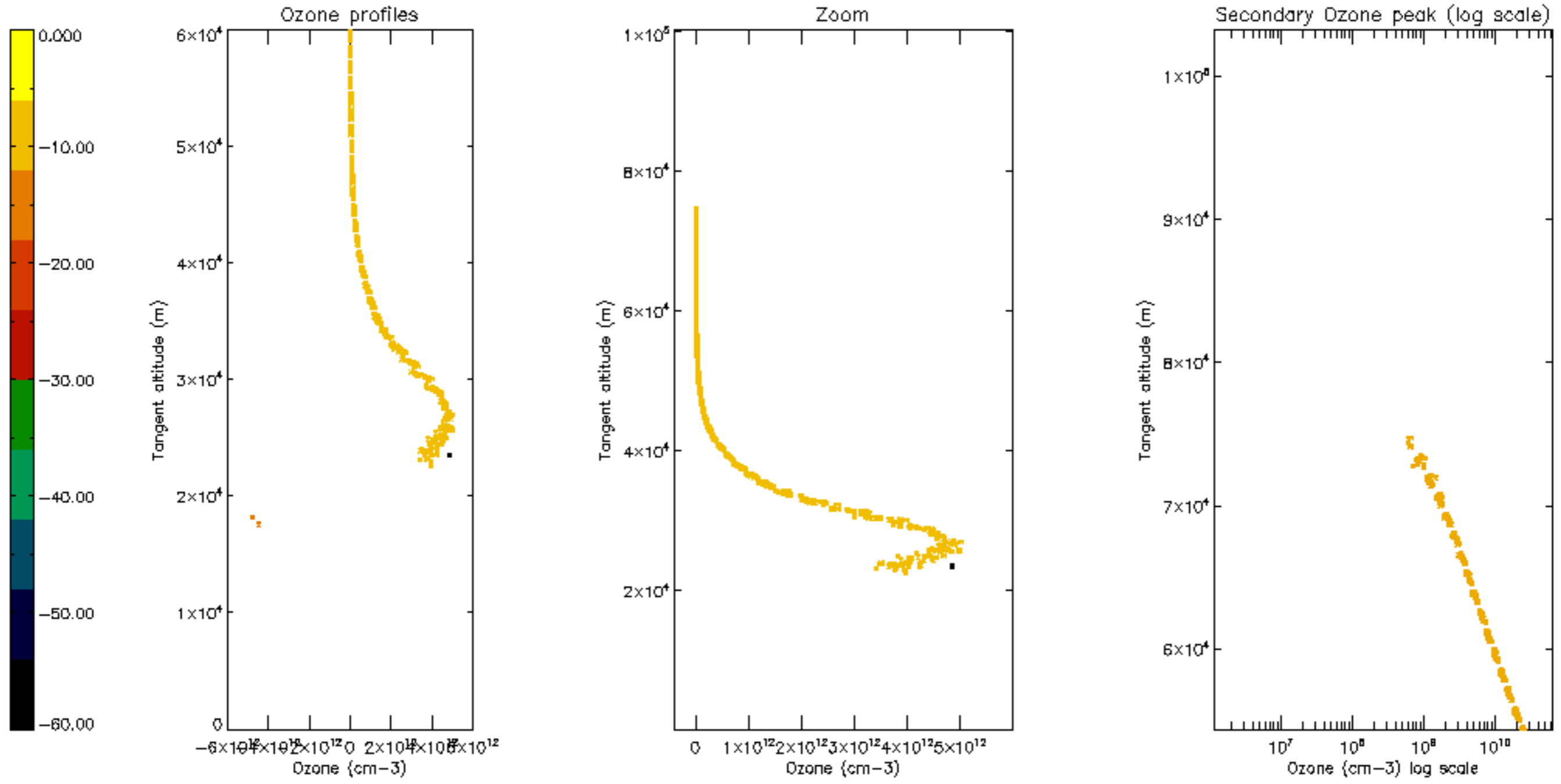
Percentage of saturation errors per profile

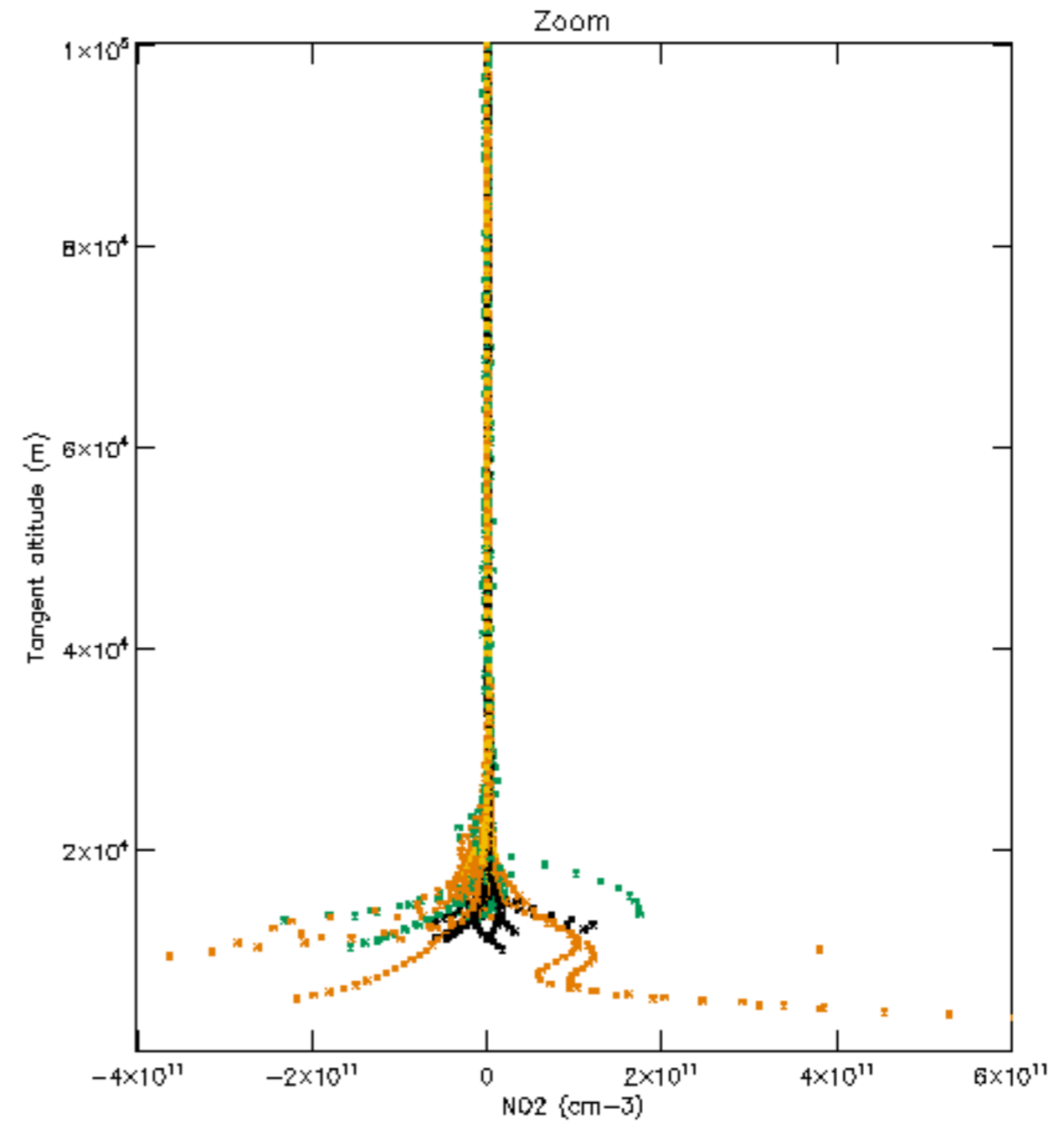
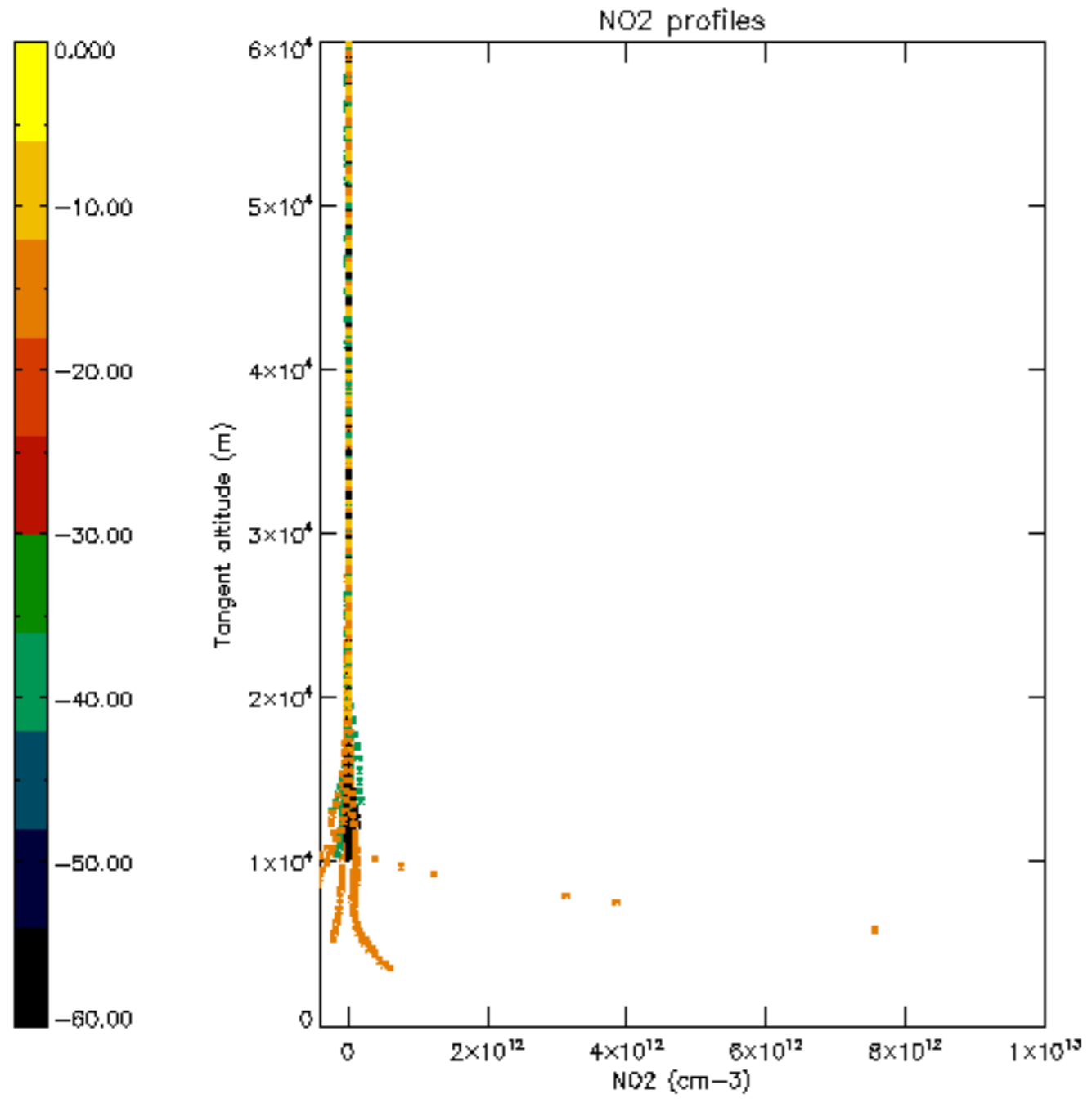


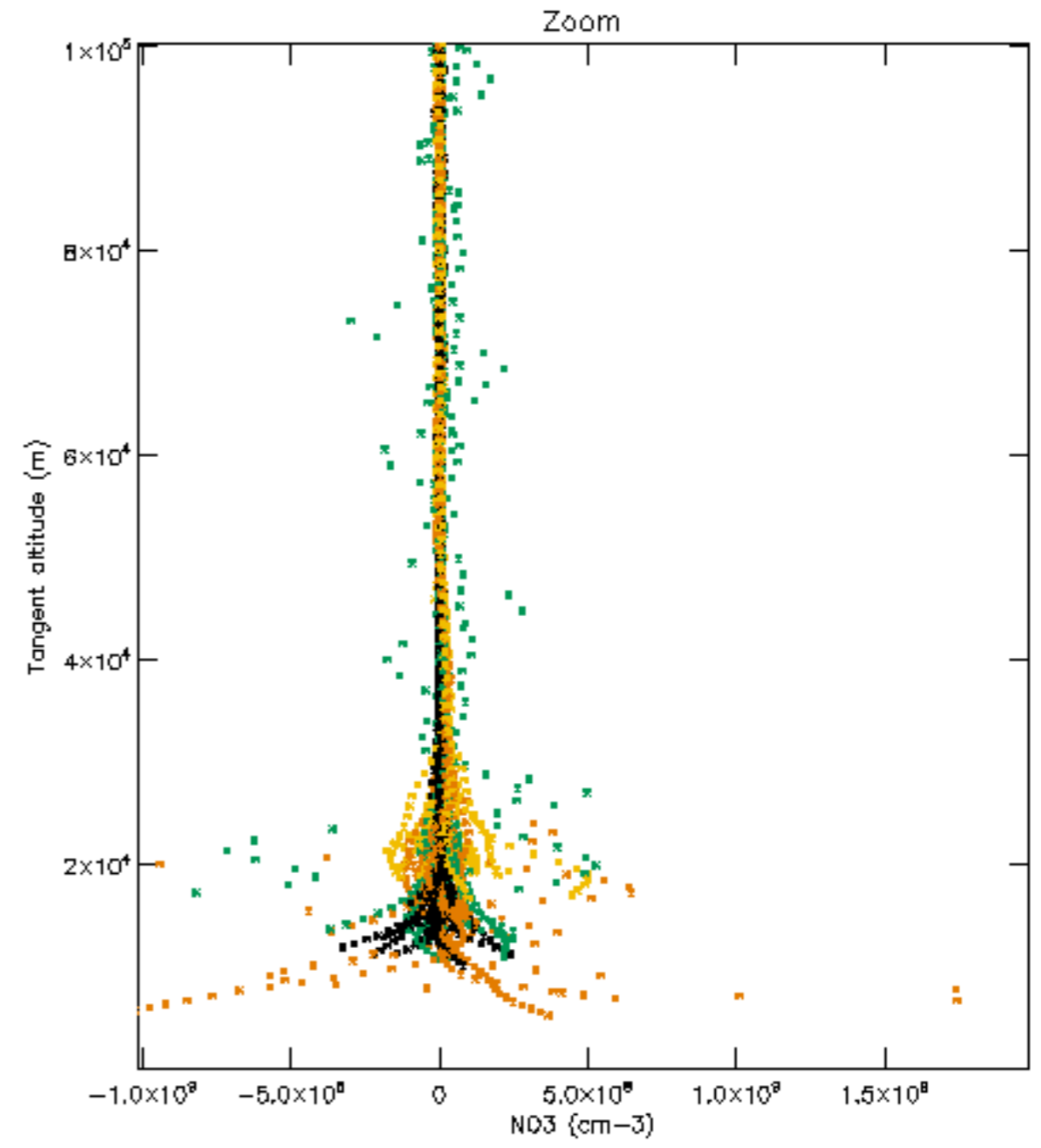
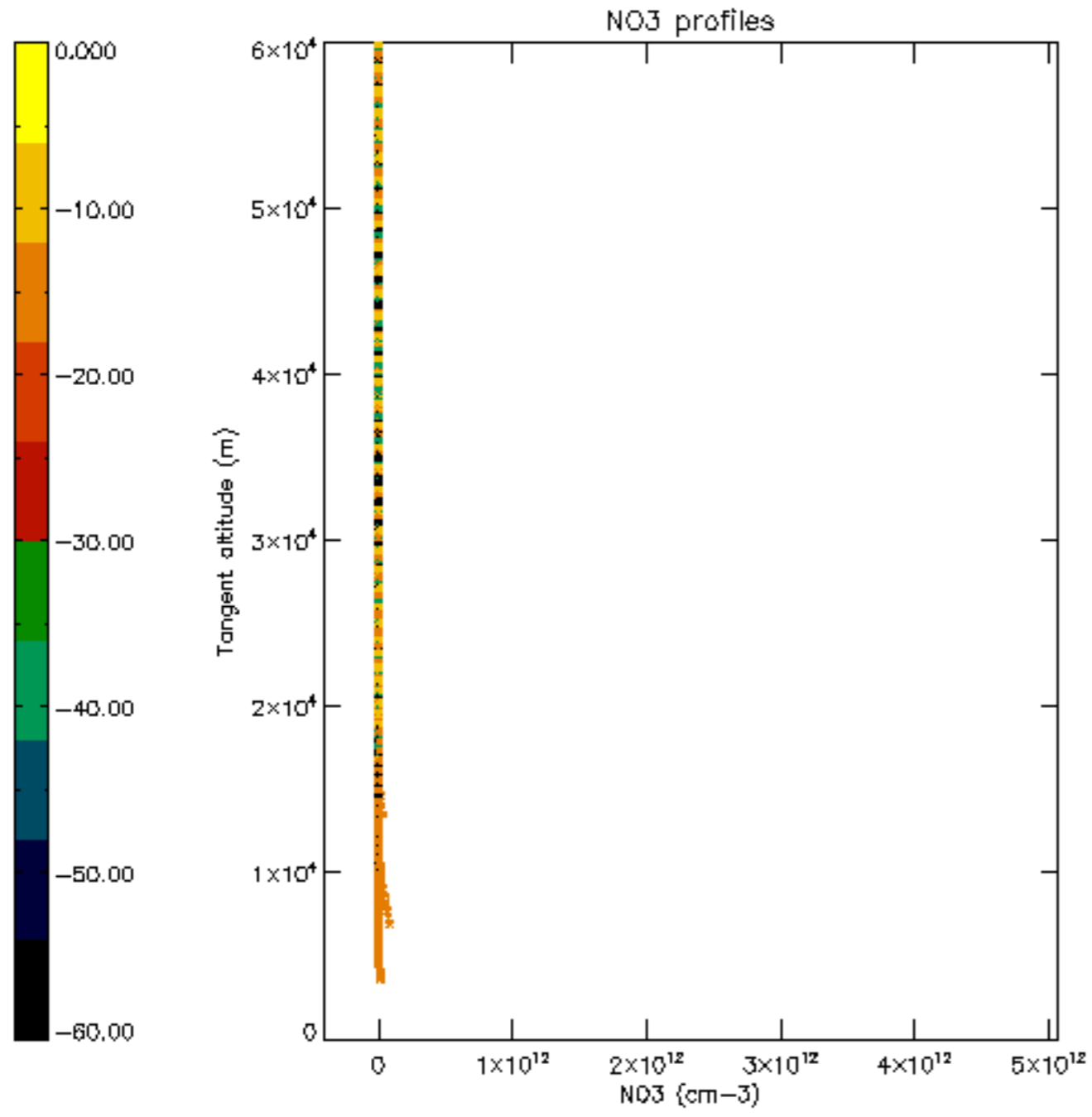


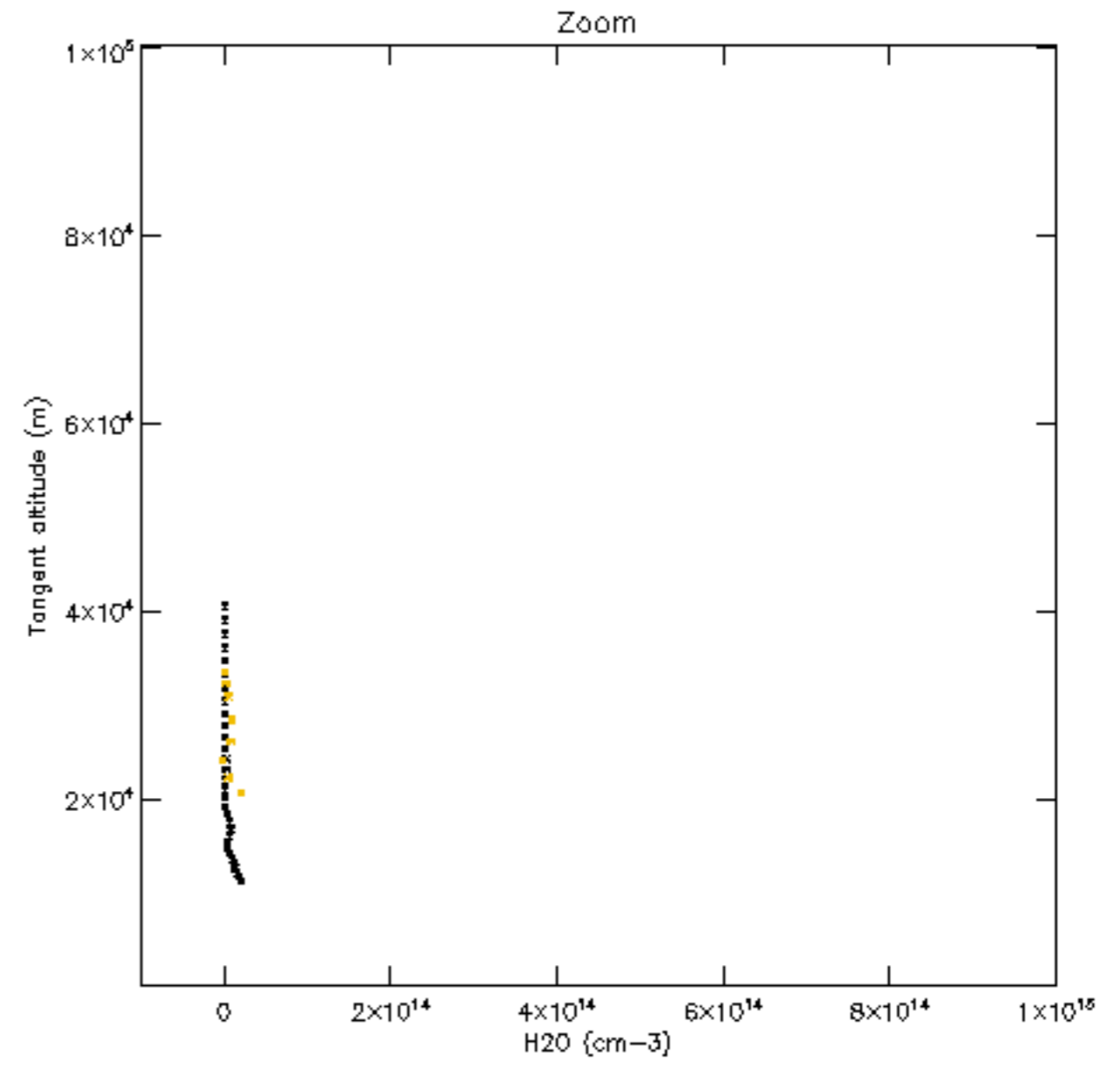
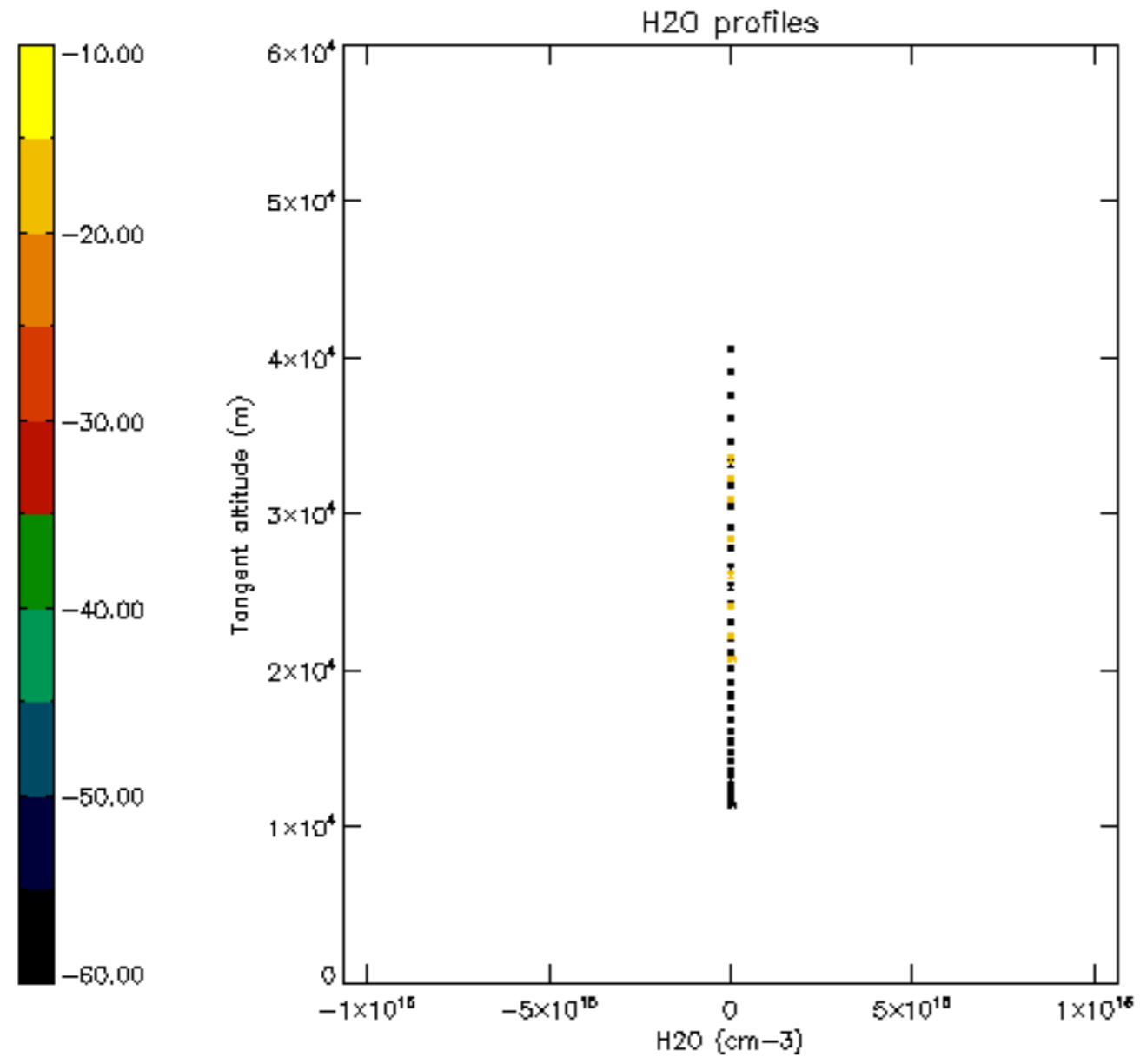


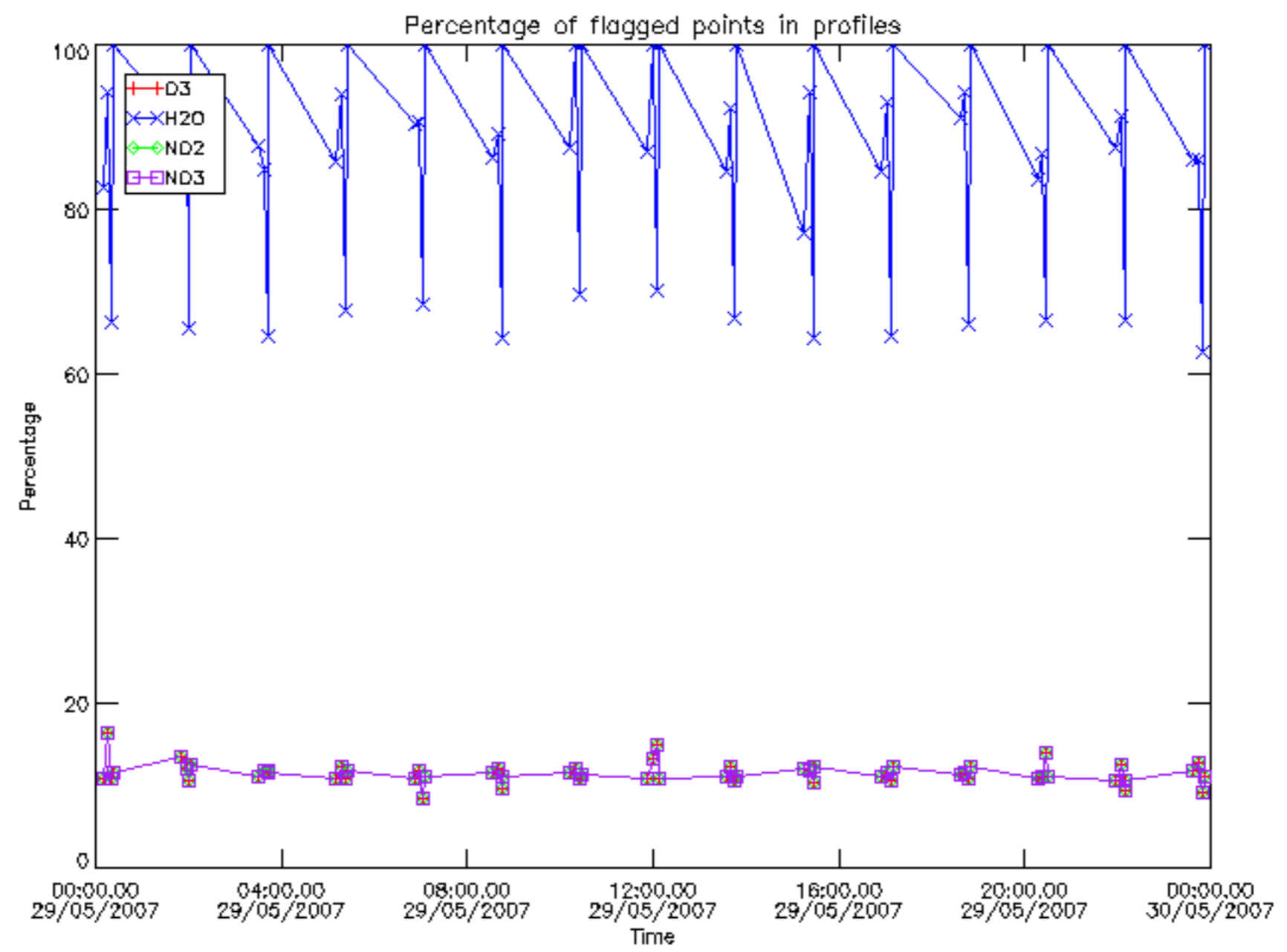




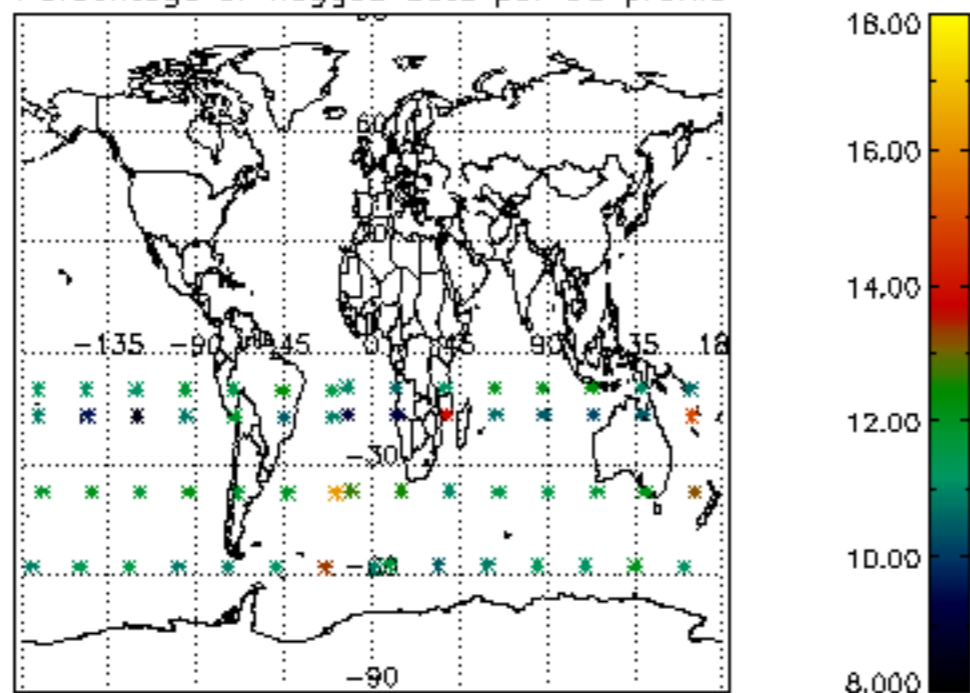




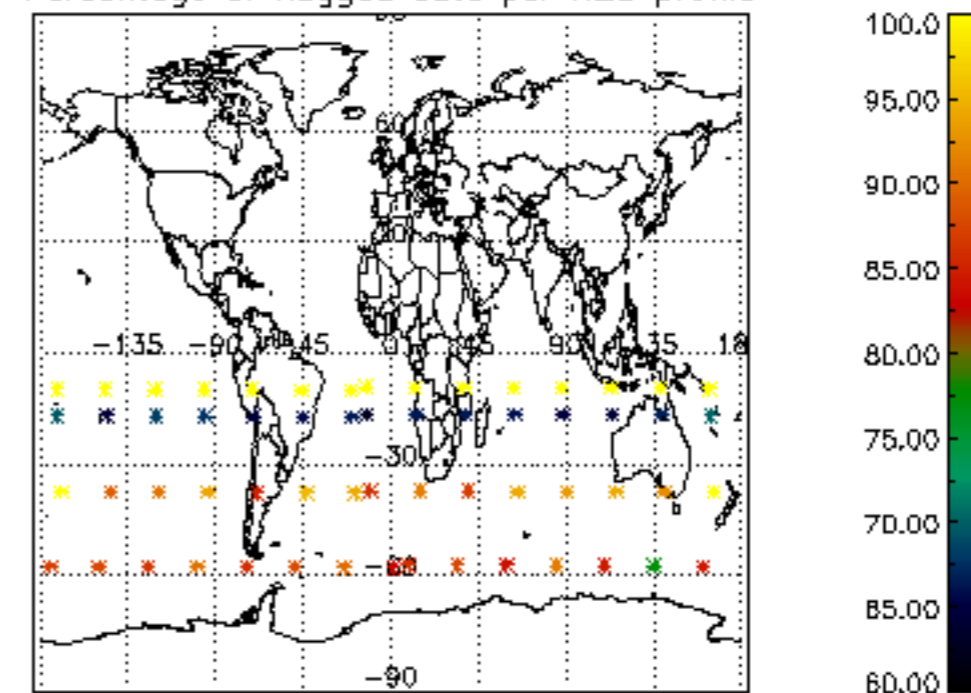




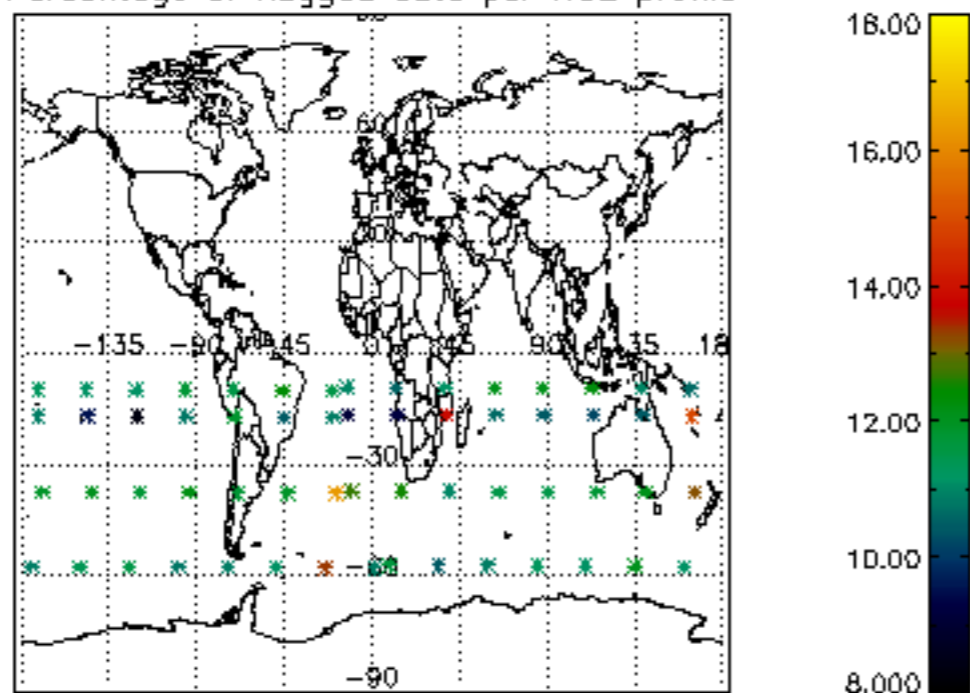
Percentage of flagged data per D3 profile



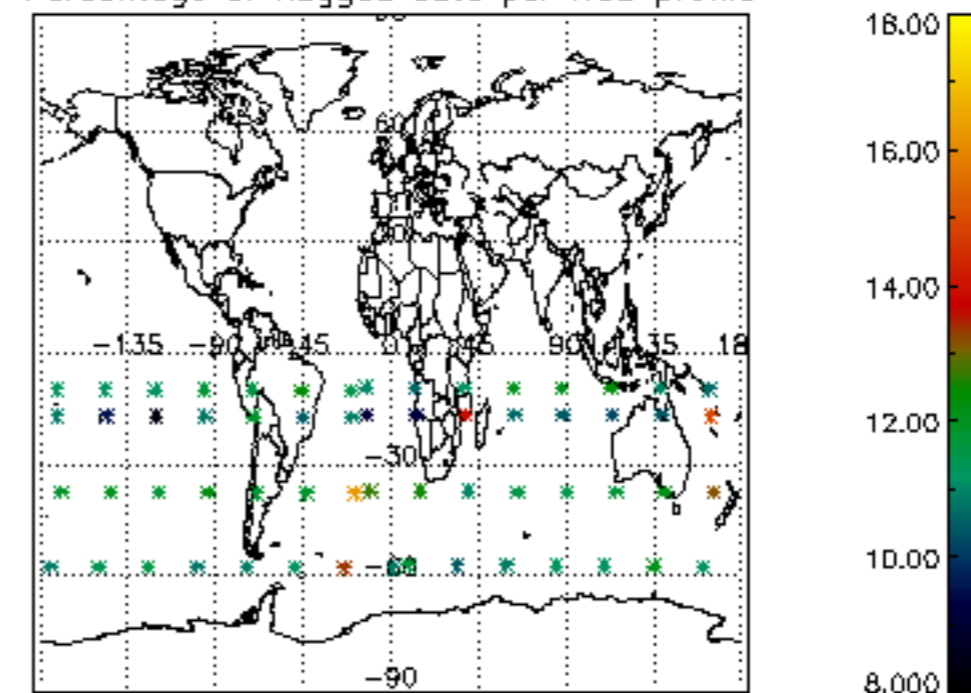
Percentage of flagged data per H2O profile

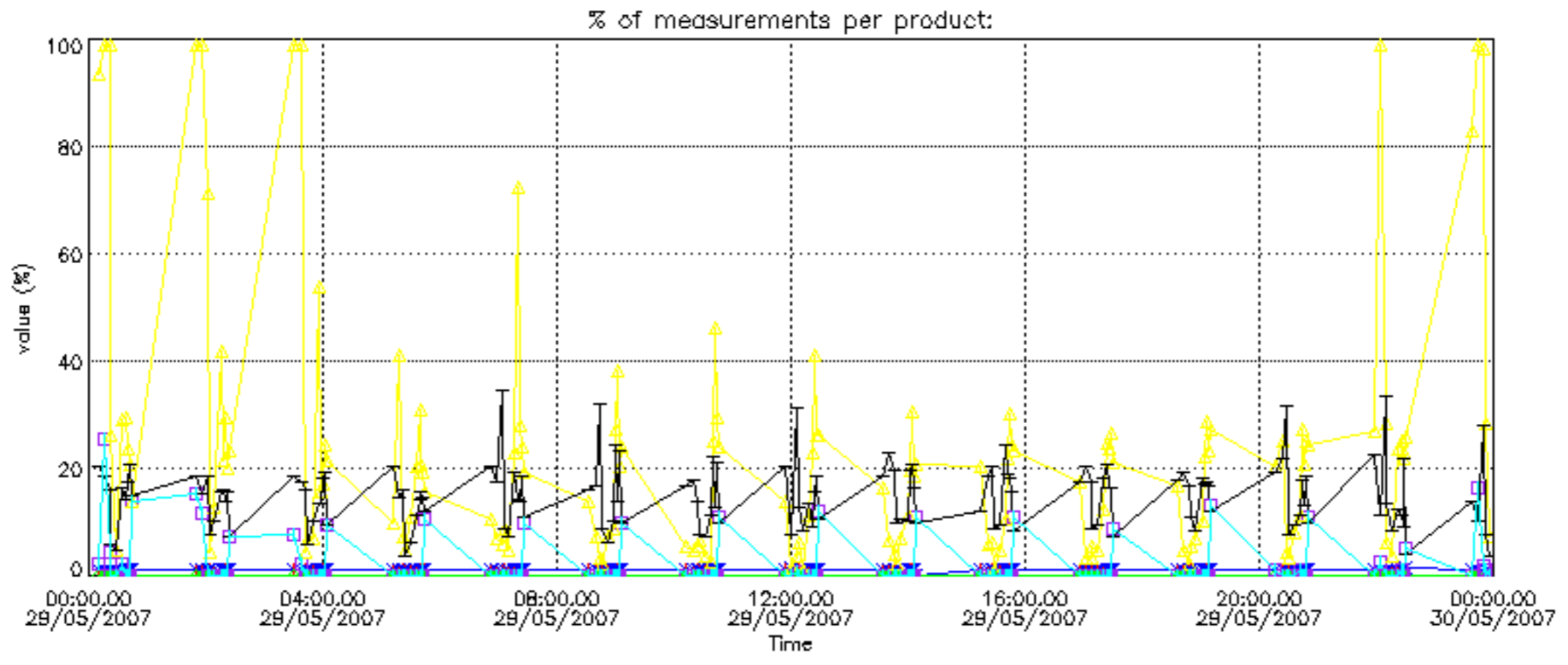


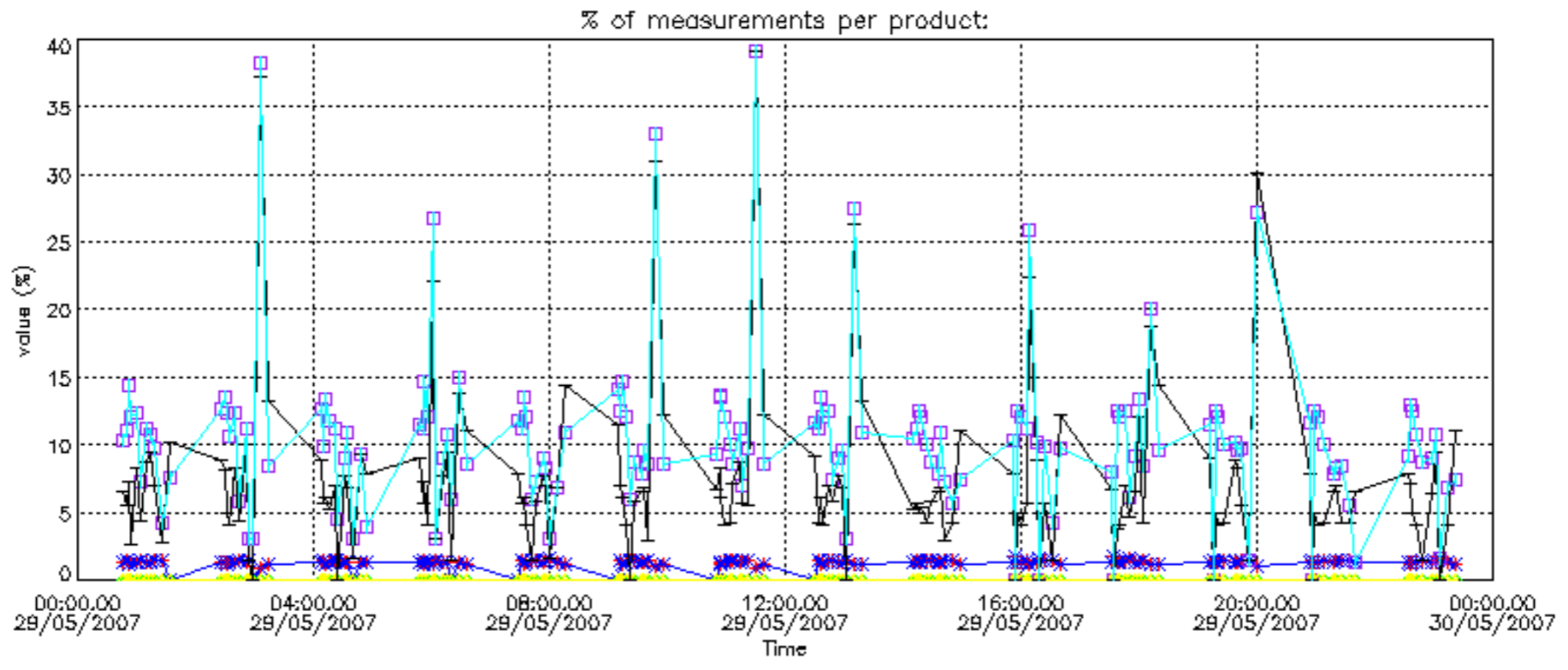
Percentage of flagged data per NO2 profile



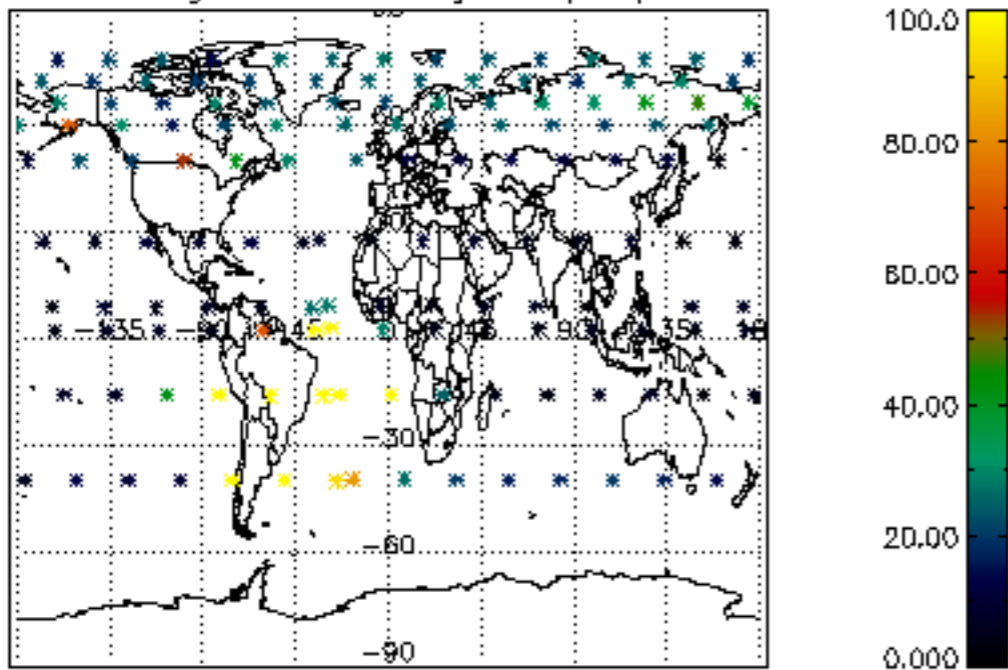
Percentage of flagged data per NO3 profile



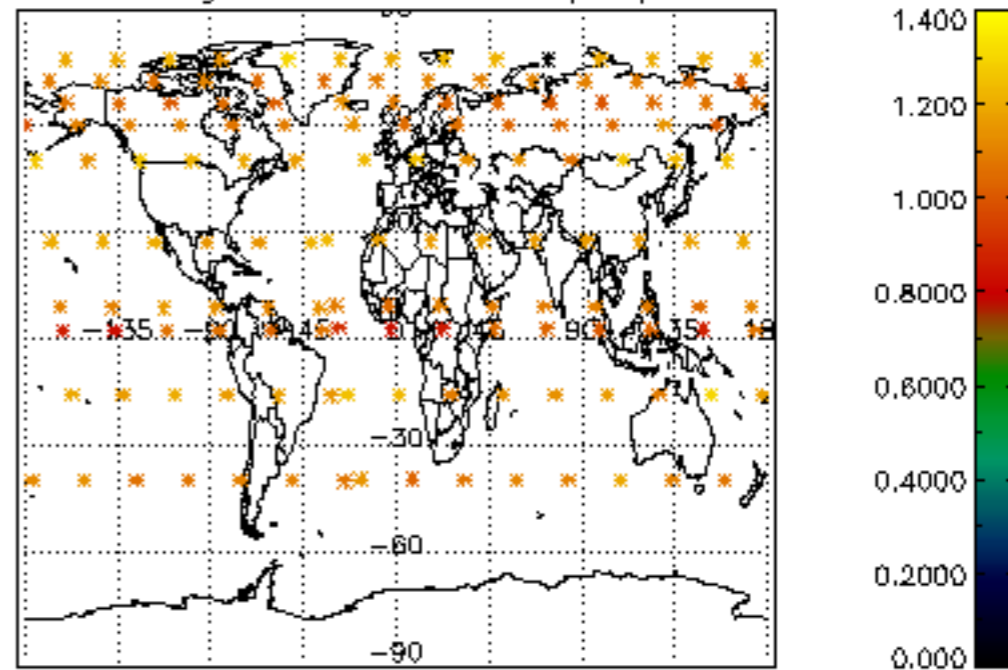




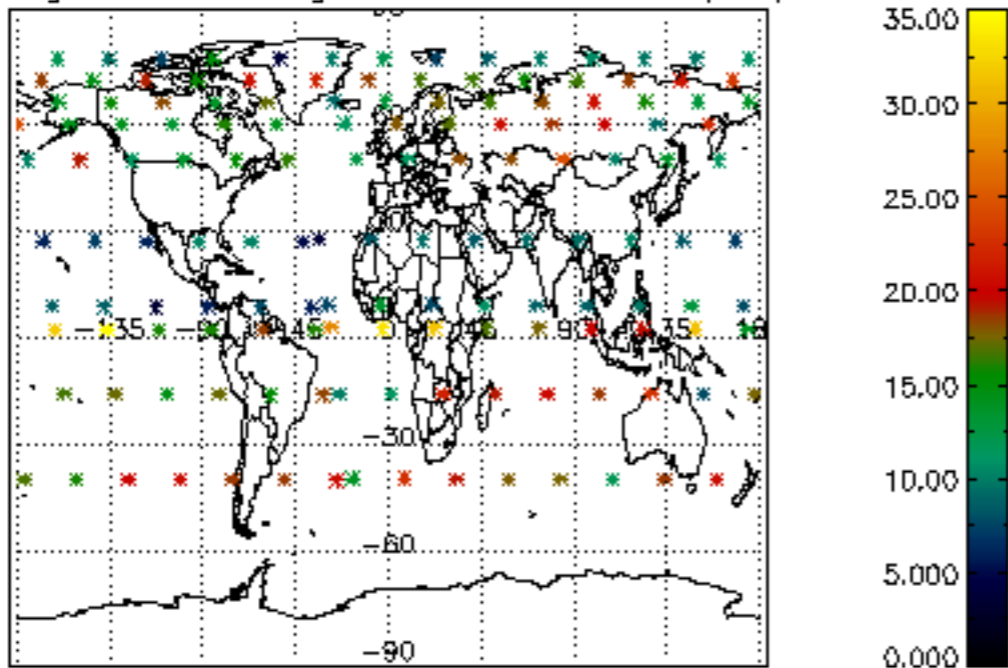
Percentage of cosmic ray hits per profile



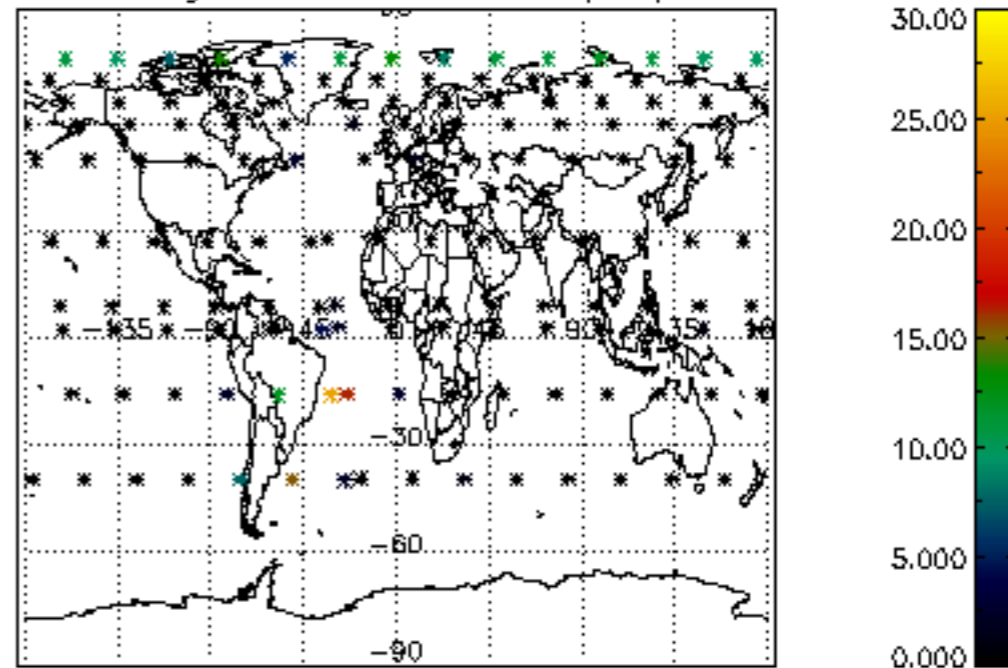
Percentage of datation errors per profile



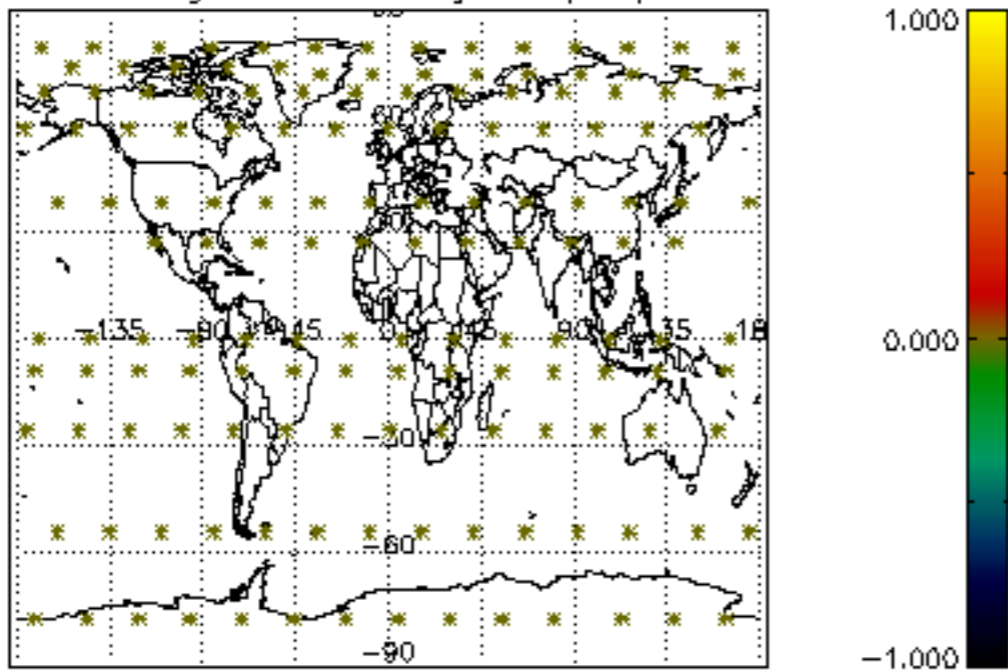
Percentage of star falling outside central band per profile



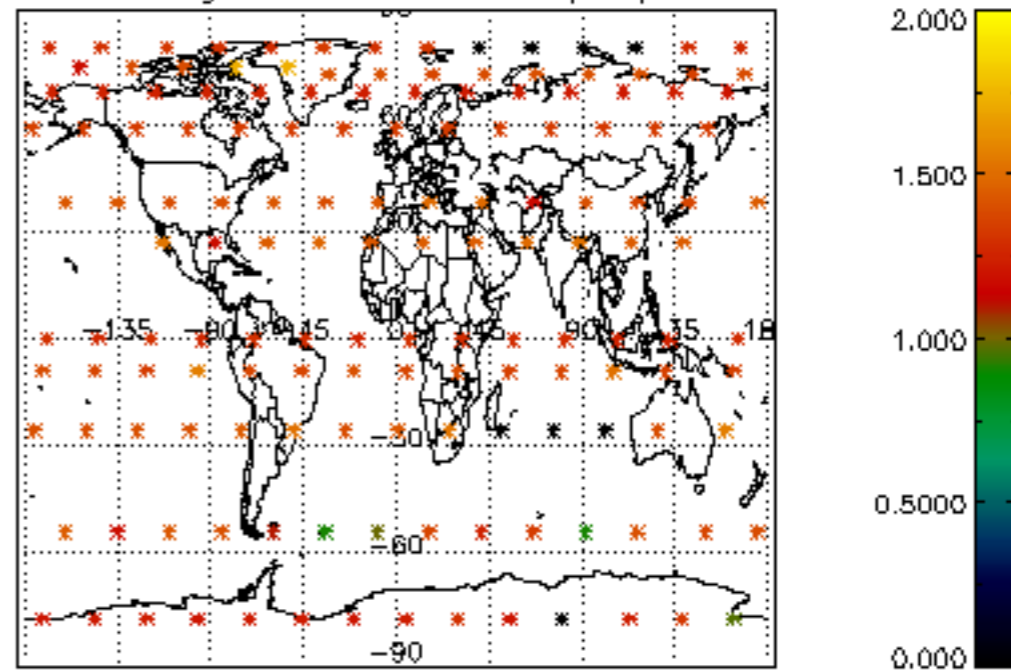
Percentage of saturation errors per profile



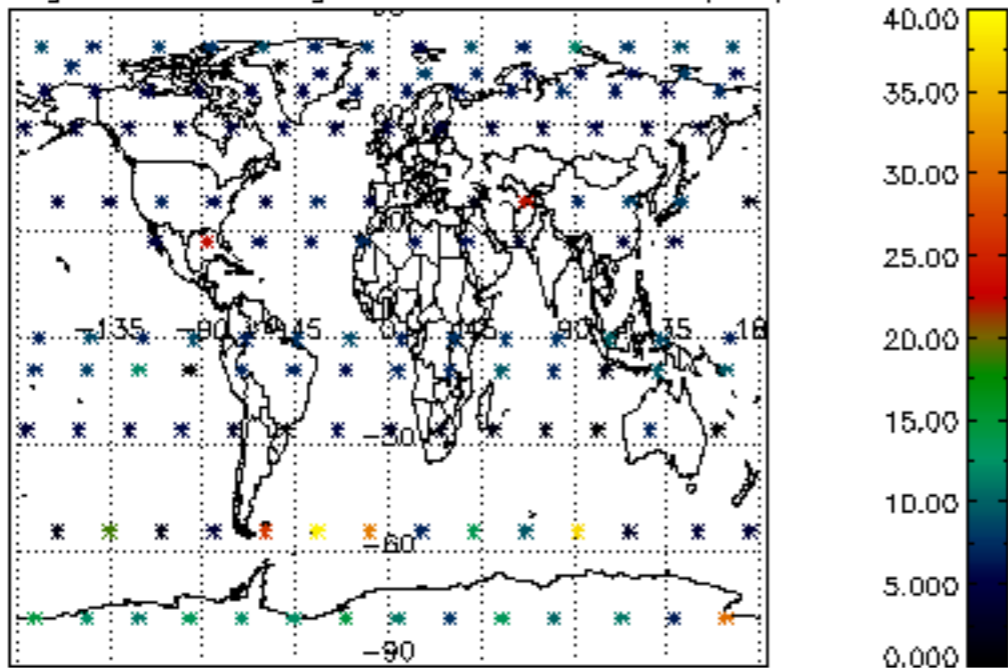
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

