

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 10:19:16
Data source version	GOMOS/6.01
Start time of products	21-06-2009 (21JUN2009 00:00:00)
Stop time of products	22-06-2009 (22JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	183
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__2PRFIN20090621_001644_000000382080_00073_38203_4737.N1	21-JUN-2009 00:16:44	Dark	38.000	52	16Bet Cet	2.0370	4500.0	76	38203	No
2	GOM_NL__2PRFIN20090621_002235_000000322080_00073_38203_4738.N1	21-JUN-2009 00:22:35	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38203	No
3	GOM_NL__2PRFIN20090621_002859_000000352080_00074_38204_4741.N1	21-JUN-2009 00:28:59	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38204	No
4	GOM_NL__2PRFIN20090621_003102_000000352080_00074_38204_4742.N1	21-JUN-2009 00:31:02	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38204	No
5	GOM_NL__2PRFIN20090621_003321_000000422080_00074_38204_4743.N1	21-JUN-2009 00:33:21	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38204	No
6	GOM_NL__2PRFIN20090621_004344_000000282080_00074_38204_4744.N1	21-JUN-2009 00:43:44	Twilight	28.000	38	20Eps Sgr	1.8360	11000.	56	38204	No
7	GOM_NL__2PRFIN20090621_004511_000000292080_00074_38204_4745.N1	21-JUN-2009 00:45:11	Twilight	28.500	116	19Del Sgr	2.7000	4100.0	57	38204	No
8	GOM_NL__2PRFIN20090621_004723_000000352080_00074_38204_4746.N1	21-JUN-2009 00:47:23	Twilight	34.500	155	41Pi Sgr	2.9000	6600.0	69	38204	No
9	GOM_NL__2PRFIN20090621_005626_000000302080_00074_38204_4747.N1	21-JUN-2009 00:56:26	Bright	29.500	126	60Bet Oph	2.7700	4250.0	59	38204	No
10	GOM_NL__2PRFIN20090621_005852_000000292080_00074_38204_4748.N1	21-JUN-2009 00:58:52	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38204	No
11	GOM_NL__2PRFIN20090621_010852_000000352080_00074_38204_4749.N1	21-JUN-2009 01:08:52	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	38204	No
12	GOM_NL__2PRFIN20090621_011034_000000292080_00074_38204_4750.N1	21-JUN-2009 01:10:34	Bright	28.500	130	23Bet Dra	2.7990	5800.0	57	38204	No
13	GOM_NL__2PRFIN20090621_012034_000000322080_00074_38204_4751.N1	21-JUN-2009 01:20:34	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38204	No
14	GOM_NL__2PRFIN20090621_012723_000000282080_00074_38204_4752.N1	21-JUN-2009 01:27:23	Twilight	27.500	74	11Bet Cas	2.2680	6600.0	55	38204	No
15	GOM_NL__2PRFIN20090621_012853_000000262080_00074_38204_4753.N1	21-JUN-2009 01:28:53	Twilight	26.000	68	18Alp Cas	2.2250	4500.0	52	38204	No
16	GOM_NL__2PRFIN20090621_013424_000000232080_00074_38204_4754.N1	21-JUN-2009 01:34:24	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38204	No
17	GOM_NL__2PRFIN20090621_013648_000000282080_00074_38204_4755.N1	21-JUN-2009 01:36:48	Twilight	27.500	53	43Bet And	2.0480	3300.0	55	38204	No
18	GOM_NL__2PRFIN20090621_014031_000000242080_00074_38204_4756.N1	21-JUN-2009 01:40:31	Twilight	23.500	50	13Alp Ari	2.0070	4250.0	47	38204	No
19	GOM_NL__2PRFIN20090621_015722_000000382080_00074_38204_4757.N1	21-JUN-2009 01:57:22	Dark	37.500	52	16Bet Cet	2.0370	4500.0	75	38204	No
20	GOM_NL__2PRFIN20090621_020311_000000312080_00074_38204_4758.N1	21-JUN-2009 02:03:11	Dark	31.000	84	Alp Phe	2.3970	4500.0	62	38204	No
21	GOM_NL__2PRFIN20090621_020936_000000352080_00075_38205_4755.N1	21-JUN-2009 02:09:36	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38205	No
22	GOM_NL__2PRFIN20090621_021139_000000352080_00075_38205_4756.N1	21-JUN-2009 02:11:39	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38205	No
23	GOM_NL__2PRFIN20090621_021358_000000432080_00075_38205_4757.N1	21-JUN-2009 02:13:58	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	38205	No
24	GOM_NL__2PRFIN20090621_022422_000000272080_00075_38205_4758.N1	21-JUN-2009 02:24:22	Twilight	26.500	38	20Eps Sgr	1.8360	11000.	53	38205	No
25	GOM_NL__2PRFIN20090621_022547_000000282080_00075_38205_4759.N1	21-JUN-2009 02:25:47	Twilight	28.000	116	19Del Sgr	2.7000	4100.0	56	38205	No
26	GOM_NL__2PRFIN20090621_022759_000000352080_00075_38205_4760.N1	21-JUN-2009 02:27:59	Twilight	34.500	155	41Pi Sgr	2.9000	6600.0	69	38205	No
27	GOM_NL__2PRFIN20090621_023701_000000292080_00075_38205_4761.N1	21-JUN-2009 02:37:01	Twilight	29.000	126	60Bet Oph	2.7700	4250.0	58	38205	No
28	GOM_NL__2PRFIN20090621_023928_000000292080_00075_38205_4762.N1	21-JUN-2009 02:39:28	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38205	No
29	GOM_NL__2PRFIN20090621_024927_000000352080_00075_38205_4763.N1	21-JUN-2009 02:49:27	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	38205	No
30	GOM_NL__2PRFIN20090621_025110_000000282080_00075_38205_4764.N1	21-JUN-2009 02:51:10	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38205	No
31	GOM_NL__2PRFIN20090621_030109_000000312080_00075_38205_4765.N1	21-JUN-2009 03:01:09	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38205	No
32	GOM_NL__2PRFIN20090621_030759_000000282080_00075_38205_4766.N1	21-JUN-2009 03:07:59	Twilight	27.500	74	11Bet Cas	2.2680	6600.0	55	38205	No
33	GOM_NL__2PRFIN20090621_030928_000000262080_00075_38205_4767.N1	21-JUN-2009 03:09:28	Twilight	26.000	68	18Alp Cas	2.2250	4500.0	52	38205	No
34	GOM_NL__2PRFIN20090621_031459_000000232080_00075_38205_4768.N1	21-JUN-2009 03:14:59	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38205	No
35	GOM_NL__2PRFIN20090621_031724_000000282080_00075_38205_4769.N1	21-JUN-2009 03:17:24	Twilight	27.500	53	43Bet And	2.0480	3300.0	55	38205	No
36	GOM_NL__2PRFIN20090621_032107_000000242080_00075_38205_4770.N1	21-JUN-2009 03:21:07	Twilight	24.000	50	13Alp Ari	2.0070	4250.0	48	38205	No
37	GOM_NL__2PRFIN20090621_033759_000000382080_00075_38205_4771.N1	21-JUN-2009 03:37:59	Dark	37.500	52	16Bet Cet	2.0370	4500.0	75	38205	No
38	GOM_NL__2PRFIN20090621_034348_000000312080_00075_38205_4772.N1	21-JUN-2009 03:43:48	Dark	31.000	84	Alp Phe	2.3970	4500.0	62	38205	No
39	GOM_NL__2PRFIN20090621_035013_000000352080_00076_38206_4763.N1	21-JUN-2009 03:50:13	Dark	35.000	63	Bet Gru	2.1500	2800.0	70	38206	No
40	GOM_NL__2PRFIN20090621_035215_000000352080_00076_38206_4764.N1	21-JUN-2009 03:52:15	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38206	No
41	GOM_NL__2PRFIN20090621_035435_000000422080_00076_38206_4765.N1	21-JUN-2009 03:54:35	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38206	No
42	GOM_NL__2PRFIN20090621_040532_000000312080_00076_38206_4766.N1	21-JUN-2009 04:05:32	Twilight	31.000	103	38Zet Sgr	2.6000	9700.0	62	38206	No

43	GOM_NL__2PRFIN20090621_040655_000000322080_00076_38206_4767.N1	21-JUN-2009 04:06:55	Twilight	31.500	57	34Sig Sgr	2.0660	26000.	63	38206	No
44	GOM_NL__2PRFIN20090621_040836_000000352080_00076_38206_4768.N1	21-JUN-2009 04:08:36	Twilight	34.500	155	41Pi Sgr	2.9000	6600.0	69	38206	No
45	GOM_NL__2PRFIN20090621_041737_000000292080_00076_38206_4769.N1	21-JUN-2009 04:17:37	Twilight	29.000	126	60Bet Oph	2.7700	4250.0	58	38206	No
46	GOM_NL__2PRFIN20090621_042004_000000292080_00076_38206_4770.N1	21-JUN-2009 04:20:04	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38206	No
47	GOM_NL__2PRFIN20090621_043002_000000352080_00076_38206_4771.N1	21-JUN-2009 04:30:02	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	38206	No
48	GOM_NL__2PRFIN20090621_043146_000000282080_00076_38206_4772.N1	21-JUN-2009 04:31:46	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38206	No
49	GOM_NL__2PRFIN20090621_044145_000000312080_00076_38206_4773.N1	21-JUN-2009 04:41:45	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38206	No
50	GOM_NL__2PRFIN20090621_062910_000000272080_00077_38207_4783.N1	21-JUN-2009 06:29:10	Twilight	27.000	74	11Bet Cas	2.2680	6600.0	54	38207	No
51	GOM_NL__2PRFIN20090621_063040_000000272080_00077_38207_4784.N1	21-JUN-2009 06:30:40	Twilight	26.500	68	18Alp Cas	2.2250	4500.0	53	38207	No
52	GOM_NL__2PRFIN20090621_063612_000000232080_00077_38207_4785.N1	21-JUN-2009 06:36:12	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38207	No
53	GOM_NL__2PRFIN20090621_063836_000000282080_00077_38207_4786.N1	21-JUN-2009 06:38:36	Twilight	27.500	53	43Bet And	2.0480	3300.0	55	38207	No
54	GOM_NL__2PRFIN20090621_064220_000000242080_00077_38207_4787.N1	21-JUN-2009 06:42:20	Twilight	23.500	50	13Alp Ari	2.0070	4250.0	47	38207	No
55	GOM_NL__2PRFIN20090621_065913_000000382080_00077_38207_4788.N1	21-JUN-2009 06:59:13	Dark	37.500	52	16Bet Cet	2.0370	4500.0	75	38207	No
56	GOM_NL__2PRFIN20090621_070502_000000322080_00077_38207_4789.N1	21-JUN-2009 07:05:02	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38207	No
57	GOM_NL__2PRFIN20090621_071127_000000352080_00078_38208_4797.N1	21-JUN-2009 07:11:27	Dark	35.000	63	Bet Gru	2.1500	2800.0	70	38208	No
58	GOM_NL__2PRFIN20090621_071330_000000352080_00078_38208_4798.N1	21-JUN-2009 07:13:30	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38208	No
59	GOM_NL__2PRFIN20090621_071550_000000422080_00078_38208_4799.N1	21-JUN-2009 07:15:50	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	38208	No
60	GOM_NL__2PRFIN20090621_072645_000000312080_00078_38208_4800.N1	21-JUN-2009 07:26:45	Twilight	31.000	103	38Zet Sgr	2.6000	9700.0	62	38208	No
61	GOM_NL__2PRFIN20090621_072808_000000312080_00078_38208_4801.N1	21-JUN-2009 07:28:08	Twilight	31.000	57	34Sig Sgr	2.0660	26000.	62	38208	No
62	GOM_NL__2PRFIN20090621_072948_000000342080_00078_38208_4802.N1	21-JUN-2009 07:29:48	Twilight	34.000	155	41Pi Sgr	2.9000	6600.0	68	38208	No
63	GOM_NL__2PRFIN20090621_073849_000000292080_00078_38208_4803.N1	21-JUN-2009 07:38:49	Bright	29.000	126	60Bet Oph	2.7700	4250.0	58	38208	No
64	GOM_NL__2PRFIN20090621_074115_000000292080_00078_38208_4804.N1	21-JUN-2009 07:41:15	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38208	No
65	GOM_NL__2PRFIN20090621_075113_000000352080_00078_38208_4805.N1	21-JUN-2009 07:51:13	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	38208	No
66	GOM_NL__2PRFIN20090621_075257_000000282080_00078_38208_4806.N1	21-JUN-2009 07:52:57	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38208	No
67	GOM_NL__2PRFIN20090621_080255_000000322080_00078_38208_4807.N1	21-JUN-2009 08:02:55	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38208	No
68	GOM_NL__2PRFIN20090621_080945_000000282080_00078_38208_4808.N1	21-JUN-2009 08:09:45	Twilight	27.500	74	11Bet Cas	2.2680	6600.0	55	38208	No
69	GOM_NL__2PRFIN20090621_081115_000000272080_00078_38208_4809.N1	21-JUN-2009 08:11:15	Twilight	26.500	68	18Alp Cas	2.2250	4500.0	53	38208	No
70	GOM_NL__2PRFIN20090621_081647_000000232080_00078_38208_4810.N1	21-JUN-2009 08:16:47	Twilight	23.000	73	57Gam1And	2.2600	13100.	46	38208	No
71	GOM_NL__2PRFIN20090621_081912_000000282080_00078_38208_4811.N1	21-JUN-2009 08:19:12	Twilight	27.500	53	43Bet And	2.0480	3300.0	55	38208	No
72	GOM_NL__2PRFIN20090621_082256_000000242080_00078_38208_4812.N1	21-JUN-2009 08:22:56	Twilight	24.000	50	13Alp Ari	2.0070	4250.0	48	38208	No
73	GOM_NL__2PRFIN20090621_083950_000000382080_00078_38208_4813.N1	21-JUN-2009 08:39:50	Dark	38.000	52	16Bet Cet	2.0370	4500.0	76	38208	No
74	GOM_NL__2PRFIN20090621_084539_000000312080_00078_38208_4814.N1	21-JUN-2009 08:45:39	Dark	30.500	84	Alp Phe	2.3970	4500.0	61	38208	No
75	GOM_NL__2PRFIN20090621_103240_000000352080_00080_38210_4818.N1	21-JUN-2009 10:32:40	Dark	35.000	63	Bet Gru	2.1500	2800.0	70	38210	No
76	GOM_NL__2PRFIN20090621_103444_000000342080_00080_38210_4819.N1	21-JUN-2009 10:34:44	Straylight	34.000	31	Alp Gru	1.7340	15200.	68	38210	No
77	GOM_NL__2PRFIN20090621_103802_000000292080_00080_38210_4820.N1	21-JUN-2009 10:38:02	Straylight	28.500	45	Alp Pav	1.9400	26000.	57	38210	No
78	GOM_NL__2PRFIN20090621_104722_000000282080_00080_38210_4821.N1	21-JUN-2009 10:47:22	Twilight	27.500	38	20Eps Sgr	1.8360	11000.	55	38210	No
79	GOM_NL__2PRFIN20090621_104849_000000282080_00080_38210_4822.N1	21-JUN-2009 10:48:49	Twilight	27.500	116	19Del Sgr	2.7000	4100.0	55	38210	No
80	GOM_NL__2PRFIN20090621_110001_000000292080_00080_38210_4823.N1	21-JUN-2009 11:00:01	Bright	29.000	126	60Bet Oph	2.7700	4250.0	58	38210	No
81	GOM_NL__2PRFIN20090621_110226_000000292080_00080_38210_4824.N1	21-JUN-2009 11:02:26	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38210	No
82	GOM_NL__2PRFIN20090621_110737_000000272080_00080_38210_4825.N1	21-JUN-2009 11:07:37	Bright	26.500	133	40Zet Her	2.8070	6000.0	53	38210	No
83	GOM_NL__2PRFIN20090621_111409_000000282080_00080_38210_4826.N1	21-JUN-2009 11:14:09	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38210	No
84	GOM_NL__2PRFIN20090621_113125_000000252080_00080_38210_4827.N1	21-JUN-2009 11:31:25	Twilight	25.000	76	27Gam Cas	2.3000	30000.	50	38210	No
85	GOM_NL__2PRFIN20090621_113759_000000232080_00080_38210_4828.N1	21-JUN-2009 11:37:59	Twilight	23.000	73	57Gam1And	2.2600	13100.	46	38210	No
86	GOM_NL__2PRFIN20090621_114022_000000232080_00080_38210_4829.N1	21-JUN-2009 11:40:22	Twilight	22.500	173	4Bet Tri	3.0040	8900.0	45	38210	No
87	GOM_NL__2PRFIN20090621_114408_000000242080_00080_38210_4830.N1	21-JUN-2009 11:44:08	Twilight	23.500	50	13Alp Ari	2.0070	4250.0	47	38210	No
88	GOM_NL__2PRFIN20090621_120652_000000322080_00080_38210_4831.N1	21-JUN-2009 12:06:52	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38210	No
89	GOM_NL__2PRFIN20090621_121318_000000352080_00081_38211_4854.N1	21-JUN-2009 12:13:18	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38211	No
90	GOM_NL__2PRFIN20090621_121520_000000352080_00081_38211_4855.N1	21-JUN-2009 12:15:20	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38211	No
91	GOM_NL__2PRFIN20090621_122758_000000282080_00081_38211_4856.N1	21-JUN-2009 12:27:58	Twilight	28.000	38	20Eps Sgr	1.8360	11000.	56	38211	No
92	GOM_NL__2PRFIN20090621_122924_000000282080_00081_38211_4857.N1	21-JUN-2009 12:29:24	Twilight	28.000	116	19Del Sgr	2.7000	4100.0	56	38211	No
93	GOM_NL__2PRFIN20090621_124036_000000292080_00081_38211_4858.N1	21-JUN-2009 12:40:36	Bright	29.000	126	60Bet Oph	2.7700	4250.0	58	38211	No
94	GOM_NL__2PRFIN20090621_124302_000000292080_00081_38211_4859.N1	21-JUN-2009 12:43:02	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38211	No
95	GOM_NL__2PRFIN20090621_125444_000000282080_00081_38211_4860.N1	21-JUN-2009 12:54:44	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38211	No
96	GOM_NL__2PRFIN20090621_131201_000000252080_00081_38211_4861.N1	21-JUN-2009 13:12:01	Twilight	25.000	76	27Gam Cas	2.3000	30000.	50	38211	No
97	GOM_NL__2PRFIN20090621_131835_000000232080_00081_38211_4862.N1	21-JUN-2009 13:18:35	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38211	No
98	GOM_NL__2PRFIN20090621_132058_000000232080_00081_38211_4863.N1	21-JUN-2009 13:20:58	Twilight	22.500	173	4Bet Tri	3.0040	8900.0	45	38211	No
99	GOM_NL__2PRFIN20090621_132445_000000242080_00081_38211_4864.N1	21-JUN-2009 13:24:45	Twilight	23.500	50	13Alp Ari	2.0070	4250.0	47	38211	No
100	GOM_NL__2PRFIN20090621_134729_000000312080_00081_38211_4865.N1	21-JUN-2009 13:47:29	Dark	31.000	84	Alp Phe	2.3970	4500.0	62	38211	No
101	GOM_NL__2PRFIN20090621_135354_000000352080_00082_38212_4868.N1	21-JUN-2009 13:53:54	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38212	No

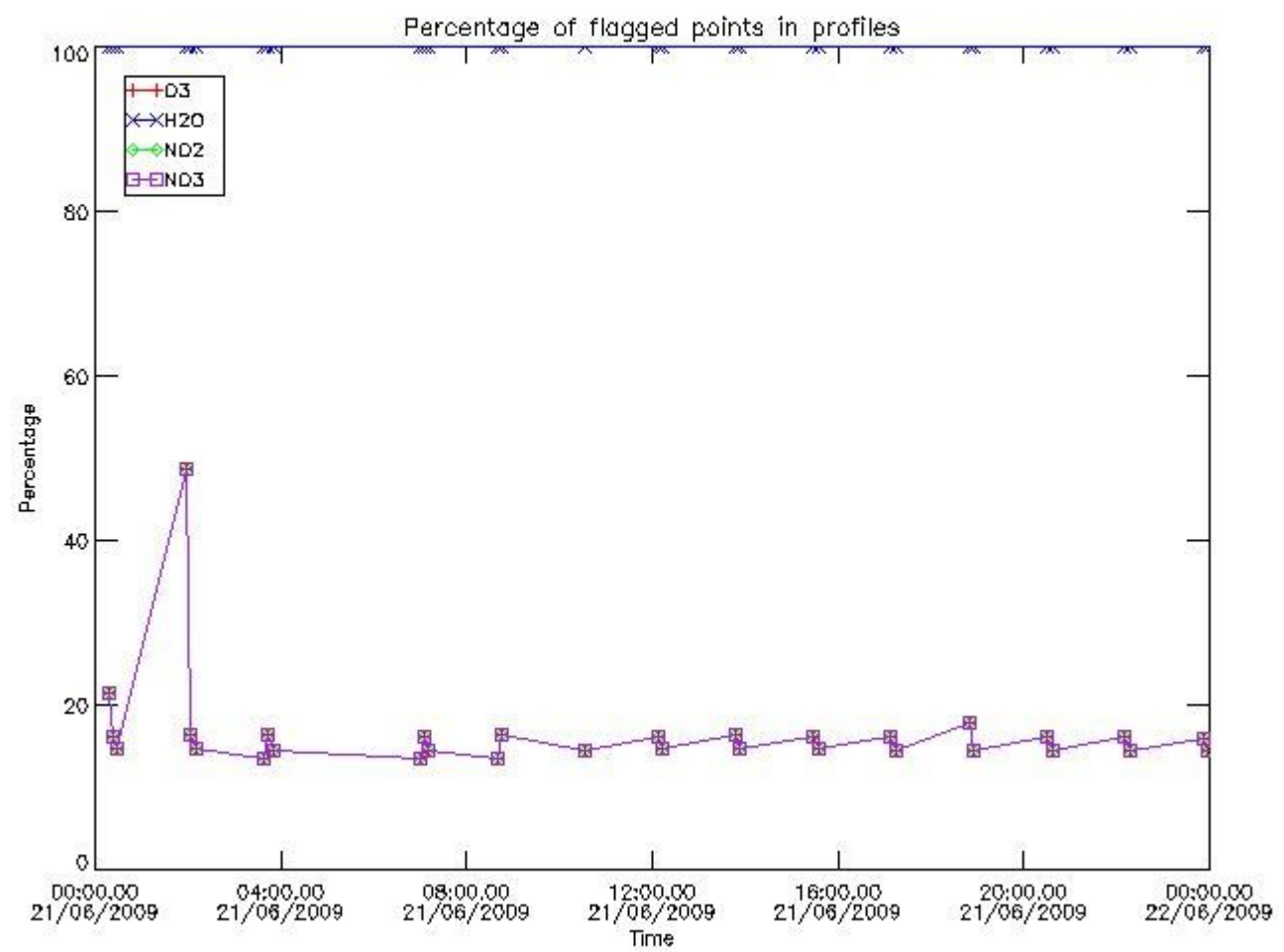
102	GOM_NL__2PRFIN20090621_135557_000000352080_00082_38212_4869.N1	21-JUN-2009 13:55:57	Straylight	35.000	31	Alp Gru	1.7340	15200.	70	38212	No
103	GOM_NL__2PRFIN20090621_135915_000000282080_00082_38212_4870.N1	21-JUN-2009 13:59:15	Straylight	28.000	45	Alp Pav	1.9400	26000.	56	38212	No
104	GOM_NL__2PRFIN20090621_140834_000000282080_00082_38212_4871.N1	21-JUN-2009 14:08:34	Twi_and_stray	28.000	38	20Eps Sgr	1.8360	11000.	56	38212	No
105	GOM_NL__2PRFIN20090621_141001_000000282080_00082_38212_4872.N1	21-JUN-2009 14:10:01	Twi_and_stray	28.000	116	19Del Sgr	2.7000	4100.0	56	38212	No
106	GOM_NL__2PRFIN20090621_142112_000000302080_00082_38212_4873.N1	21-JUN-2009 14:21:12	Bright	29.500	126	60Bet Oph	2.7700	4250.0	59	38212	No
107	GOM_NL__2PRFIN20090621_142338_000000292080_00082_38212_4874.N1	21-JUN-2009 14:23:38	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38212	No
108	GOM_NL__2PRFIN20090621_142849_000000272080_00082_38212_4875.N1	21-JUN-2009 14:28:49	Bright	26.500	133	40Zet Her	2.8070	6000.0	53	38212	No
109	GOM_NL__2PRFIN20090621_143520_000000282080_00082_38212_4876.N1	21-JUN-2009 14:35:20	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38212	No
110	GOM_NL__2PRFIN20090621_145237_000000252080_00082_38212_4877.N1	21-JUN-2009 14:52:37	Twi_and_stray	24.500	76	27Gam Cas	2.3000	30000.	49	38212	No
111	GOM_NL__2PRFIN20090621_145911_000000232080_00082_38212_4878.N1	21-JUN-2009 14:59:11	Twi_and_stray	23.000	73	57Gam1And	2.2600	13100.	46	38212	No
112	GOM_NL__2PRFIN20090621_150134_000000232080_00082_38212_4879.N1	21-JUN-2009 15:01:34	Twi_and_stray	23.000	173	4Bet Tri	3.0040	8900.0	46	38212	No
113	GOM_NL__2PRFIN20090621_150521_000000242080_00082_38212_4880.N1	21-JUN-2009 15:05:21	Twilight	24.000	50	13Alp Ari	2.0070	4250.0	48	38212	No
114	GOM_NL__2PRFIN20090621_152806_000000322080_00082_38212_4881.N1	21-JUN-2009 15:28:06	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38212	No
115	GOM_NL__2PRFIN20090621_153431_000000352080_00083_38213_4882.N1	21-JUN-2009 15:34:31	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38213	No
116	GOM_NL__2PRFIN20090621_153634_000000342080_00083_38213_4883.N1	21-JUN-2009 15:36:34	Straylight	34.000	31	Alp Gru	1.7340	15200.	68	38213	No
117	GOM_NL__2PRFIN20090621_153951_000000292080_00083_38213_4884.N1	21-JUN-2009 15:39:51	Straylight	28.500	45	Alp Pav	1.9400	26000.	57	38213	No
118	GOM_NL__2PRFIN20090621_154910_000000282080_00083_38213_4885.N1	21-JUN-2009 15:49:10	Twi_and_stray	28.000	38	20Eps Sgr	1.8360	11000.	56	38213	No
119	GOM_NL__2PRFIN20090621_155037_000000292080_00083_38213_4886.N1	21-JUN-2009 15:50:37	Twi_and_stray	28.500	116	19Del Sgr	2.7000	4100.0	57	38213	No
120	GOM_NL__2PRFIN20090621_160148_000000292080_00083_38213_4887.N1	21-JUN-2009 16:01:48	Bright	29.000	126	60Bet Oph	2.7700	4250.0	58	38213	No
121	GOM_NL__2PRFIN20090621_160413_000000292080_00083_38213_4888.N1	21-JUN-2009 16:04:13	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38213	No
122	GOM_NL__2PRFIN20090621_161555_000000282080_00083_38213_4889.N1	21-JUN-2009 16:15:55	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38213	No
123	GOM_NL__2PRFIN20090621_163313_000000252080_00083_38213_4890.N1	21-JUN-2009 16:33:13	Twi_and_stray	24.500	76	27Gam Cas	2.3000	30000.	49	38213	No
124	GOM_NL__2PRFIN20090621_163947_000000232080_00083_38213_4891.N1	21-JUN-2009 16:39:47	Twi_and_stray	23.000	73	57Gam1And	2.2600	13100.	46	38213	No
125	GOM_NL__2PRFIN20090621_164210_000000232080_00083_38213_4892.N1	21-JUN-2009 16:42:10	Twi_and_stray	22.500	173	4Bet Tri	3.0040	8900.0	45	38213	No
126	GOM_NL__2PRFIN20090621_164557_000000242080_00083_38213_4893.N1	21-JUN-2009 16:45:57	Twilight	24.000	50	13Alp Ari	2.0070	4250.0	48	38213	No
127	GOM_NL__2PRFIN20090621_170843_000000322080_00083_38213_4894.N1	21-JUN-2009 17:08:43	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38213	No
128	GOM_NL__2PRFIN20090621_171508_000000352080_00084_38214_4899.N1	21-JUN-2009 17:15:08	Dark	35.000	63	Bet Gru	2.1500	2800.0	70	38214	No
129	GOM_NL__2PRFIN20090621_171711_000000342080_00084_38214_4900.N1	21-JUN-2009 17:17:11	Straylight	34.000	31	Alp Gru	1.7340	15200.	68	38214	No
130	GOM_NL__2PRFIN20090621_172028_000000282080_00084_38214_4901.N1	21-JUN-2009 17:20:28	Straylight	28.000	45	Alp Pav	1.9400	26000.	56	38214	No
131	GOM_NL__2PRFIN20090621_172947_000000282080_00084_38214_4902.N1	21-JUN-2009 17:29:47	Twi_and_stray	28.000	38	20Eps Sgr	1.8360	11000.	56	38214	No
132	GOM_NL__2PRFIN20090621_173113_000000292080_00084_38214_4903.N1	21-JUN-2009 17:31:13	Twi_and_stray	28.500	116	19Del Sgr	2.7000	4100.0	57	38214	No
133	GOM_NL__2PRFIN20090621_173616_000000262080_00084_38214_4904.N1	21-JUN-2009 17:36:16	Twi_and_stray	26.000	86	35Eta Oph	2.4300	10200.	52	38214	No
134	GOM_NL__2PRFIN20090621_174223_000000292080_00084_38214_4905.N1	21-JUN-2009 17:42:23	Twi_and_stray	29.000	126	60Bet Oph	2.7700	4250.0	58	38214	No
135	GOM_NL__2PRFIN20090621_174449_000000292080_00084_38214_4906.N1	21-JUN-2009 17:44:49	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38214	No
136	GOM_NL__2PRFIN20090621_175631_000000292080_00084_38214_4907.N1	21-JUN-2009 17:56:31	Bright	28.500	130	23Bet Dra	2.7990	5800.0	57	38214	No
137	GOM_NL__2PRFIN20090621_181348_000000252080_00084_38214_4908.N1	21-JUN-2009 18:13:48	Twi_and_stray	25.000	76	27Gam Cas	2.3000	30000.	50	38214	No
138	GOM_NL__2PRFIN20090621_182023_000000232080_00084_38214_4909.N1	21-JUN-2009 18:20:23	Twi_and_stray	22.500	73	57Gam1And	2.2600	13100.	45	38214	No
139	GOM_NL__2PRFIN20090621_182246_000000232080_00084_38214_4910.N1	21-JUN-2009 18:22:46	Twi_and_stray	22.500	173	4Bet Tri	3.0040	8900.0	45	38214	No
140	GOM_NL__2PRFIN20090621_182633_000000242080_00084_38214_4911.N1	21-JUN-2009 18:26:33	Twilight	24.000	50	13Alp Ari	2.0070	4250.0	48	38214	No
141	GOM_NL__2PRFIN20090621_184919_000000322080_00084_38214_4912.N1	21-JUN-2009 18:49:19	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38214	No
142	GOM_NL__2PRFIN20090621_185545_000000352080_00085_38215_4915.N1	21-JUN-2009 18:55:45	Dark	35.000	63	Bet Gru	2.1500	2800.0	70	38215	No
143	GOM_NL__2PRFIN20090621_185748_000000352080_00085_38215_4916.N1	21-JUN-2009 18:57:48	Straylight	35.000	31	Alp Gru	1.7340	15200.	70	38215	No
144	GOM_NL__2PRFIN20090621_190104_000000282080_00085_38215_4917.N1	21-JUN-2009 19:01:04	Straylight	28.000	45	Alp Pav	1.9400	26000.	56	38215	No
145	GOM_NL__2PRFIN20090621_191023_000000282080_00085_38215_4918.N1	21-JUN-2009 19:10:23	Twi_and_stray	28.000	38	20Eps Sgr	1.8360	11000.	56	38215	No
146	GOM_NL__2PRFIN20090621_191149_000000292080_00085_38215_4919.N1	21-JUN-2009 19:11:49	Twi_and_stray	28.500	116	19Del Sgr	2.7000	4100.0	57	38215	No
147	GOM_NL__2PRFIN20090621_191652_000000262080_00085_38215_4920.N1	21-JUN-2009 19:16:52	Twi_and_stray	26.000	86	35Eta Oph	2.4300	10200.	52	38215	No
148	GOM_NL__2PRFIN20090621_192259_000000292080_00085_38215_4921.N1	21-JUN-2009 19:22:59	Twi_and_stray	29.000	126	60Bet Oph	2.7700	4250.0	58	38215	No
149	GOM_NL__2PRFIN20090621_192525_000000292080_00085_38215_4922.N1	21-JUN-2009 19:25:25	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38215	No
150	GOM_NL__2PRFIN20090621_193706_000000292080_00085_38215_4923.N1	21-JUN-2009 19:37:06	Bright	28.500	130	23Bet Dra	2.7990	5800.0	57	38215	No
151	GOM_NL__2PRFIN20090621_195424_000000252080_00085_38215_4924.N1	21-JUN-2009 19:54:24	Twi_and_stray	24.500	76	27Gam Cas	2.3000	30000.	49	38215	No
152	GOM_NL__2PRFIN20090621_200059_000000232080_00085_38215_4925.N1	21-JUN-2009 20:00:59	Twi_and_stray	23.000	73	57Gam1And	2.2600	13100.	46	38215	No
153	GOM_NL__2PRFIN20090621_200322_000000232080_00085_38215_4926.N1	21-JUN-2009 20:03:22	Twi_and_stray	23.000	173	4Bet Tri	3.0040	8900.0	46	38215	No
154	GOM_NL__2PRFIN20090621_200709_000000242080_00085_38215_4927.N1	21-JUN-2009 20:07:09	Twilight	24.000	50	13Alp Ari	2.0070	4250.0	48	38215	No
155	GOM_NL__2PRFIN20090621_202956_000000322080_00085_38215_4928.N1	21-JUN-2009 20:29:56	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38215	No
156	GOM_NL__2PRFIN20090621_203622_000000352080_00086_38216_4920.N1	21-JUN-2009 20:36:22	Dark	35.000	63	Bet Gru	2.1500	2800.0	70	38216	No
157	GOM_NL__2PRFIN20090621_203824_000000352080_00086_38216_4921.N1	21-JUN-2009 20:38:24	Straylight	35.000	31	Alp Gru	1.7340	15200.	70	38216	No
158	GOM_NL__2PRFIN20090621_204141_000000282080_00086_38216_4922.N1	21-JUN-2009 20:41:41	Straylight	28.000	45	Alp Pav	1.9400	26000.	56	38216	No
159	GOM_NL__2PRFIN20090621_205059_000000282080_00086_38216_4923.N1	21-JUN-2009 20:50:59	Twi_and_stray	28.000	38	20Eps Sgr	1.8360	11000.	56	38216	No
160	GOM_NL__2PRFIN20090621_205226_000000292080_00086_38216_4924.N1	21-JUN-2009 20:52:26	Twi_and_stray	28.500	116	19Del Sgr	2.7000	4100.0	57	38216	No

161	GOM_NL__2PRFIN20090621_205728_000000262080_00086_38216_4925.N1	21-JUN-2009 20:57:28	Twilight	26.000	86	35Eta Oph	2.4300	10200.	52	38216	No
162	GOM_NL__2PRFIN20090621_210335_000000292080_00086_38216_4926.N1	21-JUN-2009 21:03:35	Bright	29.000	126	60Bet Oph	2.7700	4250.0	58	38216	No
163	GOM_NL__2PRFIN20090621_210601_000000292080_00086_38216_4927.N1	21-JUN-2009 21:06:01	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38216	No
164	GOM_NL__2PRFIN20090621_211742_000000282080_00086_38216_4928.N1	21-JUN-2009 21:17:42	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38216	No
165	GOM_NL__2PRFIN20090621_213500_000000252080_00086_38216_4929.N1	21-JUN-2009 21:35:00	Twilight	25.000	76	27Gam Cas	2.3000	30000.	50	38216	No
166	GOM_NL__2PRFIN20090621_214135_000000232080_00086_38216_4930.N1	21-JUN-2009 21:41:35	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38216	No
167	GOM_NL__2PRFIN20090621_214358_000000232080_00086_38216_4931.N1	21-JUN-2009 21:43:58	Twilight	22.500	173	4Bet Tri	3.0040	8900.0	45	38216	No
168	GOM_NL__2PRFIN20090621_214746_000000242080_00086_38216_4932.N1	21-JUN-2009 21:47:46	Twilight	23.500	50	13Alp Ari	2.0070	4250.0	47	38216	No
169	GOM_NL__2PRFIN20090621_221033_000000322080_00086_38216_4933.N1	21-JUN-2009 22:10:33	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38216	No
170	GOM_NL__2PRFIN20090621_221658_000000362080_00087_38217_4936.N1	21-JUN-2009 22:16:58	Dark	35.500	63	Bet Gru	2.1500	2800.0	71	38217	No
171	GOM_NL__2PRFIN20090621_221902_000000352080_00087_38217_4937.N1	21-JUN-2009 22:19:02	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38217	No
172	GOM_NL__2PRFIN20090621_223136_000000282080_00087_38217_4938.N1	21-JUN-2009 22:31:36	Twilight	28.000	38	20Eps Sgr	1.8360	11000.	56	38217	No
173	GOM_NL__2PRFIN20090621_223302_000000282080_00087_38217_4939.N1	21-JUN-2009 22:33:02	Twilight	28.000	116	19Del Sgr	2.7000	4100.0	56	38217	No
174	GOM_NL__2PRFIN20090621_224411_000000292080_00087_38217_4940.N1	21-JUN-2009 22:44:11	Twilight	29.000	126	60Bet Oph	2.7700	4250.0	58	38217	No
175	GOM_NL__2PRFIN20090621_224637_000000292080_00087_38217_4941.N1	21-JUN-2009 22:46:37	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38217	No
176	GOM_NL__2PRFIN20090621_225818_000000282080_00087_38217_4942.N1	21-JUN-2009 22:58:18	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38217	No
177	GOM_NL__2PRFIN20090621_231535_000000252080_00087_38217_4943.N1	21-JUN-2009 23:15:35	Twilight	25.000	76	27Gam Cas	2.3000	30000.	50	38217	No
178	GOM_NL__2PRFIN20090621_232211_000000232080_00087_38217_4944.N1	21-JUN-2009 23:22:11	Twilight	23.000	73	57Gam1And	2.2600	13100.	46	38217	No
179	GOM_NL__2PRFIN20090621_232434_000000232080_00087_38217_4945.N1	21-JUN-2009 23:24:34	Twilight	22.500	173	4Bet Tri	3.0040	8900.0	45	38217	No
180	GOM_NL__2PRFIN20090621_232822_000000232080_00087_38217_4946.N1	21-JUN-2009 23:28:22	Twilight	23.000	50	13Alp Ari	2.0070	4250.0	46	38217	No
181	GOM_NL__2PRFIN20090621_235110_000000322080_00087_38217_4947.N1	21-JUN-2009 23:51:10	Dark	32.000	84	Alp Phe	2.3970	4500.0	64	38217	No
182	GOM_NL__2PRFIN20090621_235735_000000352080_00088_38218_4956.N1	21-JUN-2009 23:57:35	Dark	35.000	63	Bet Gru	2.1500	2800.0	70	38218	No
183	GOM_NL__2PRFIN20090621_235939_000000352080_00088_38218_4957.N1	21-JUN-2009 23:59:39	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38218	No

3. Quality information per product

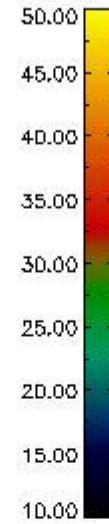
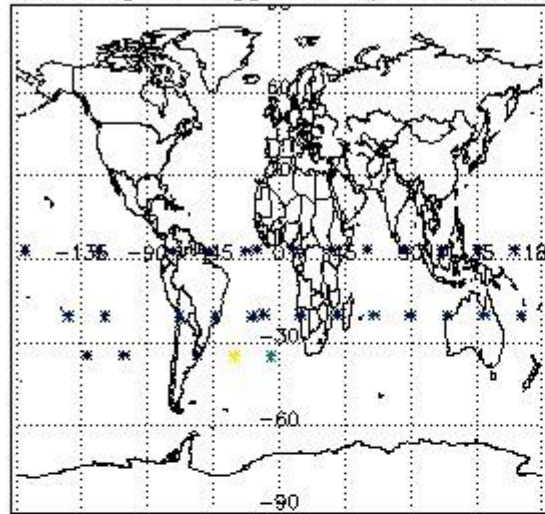
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

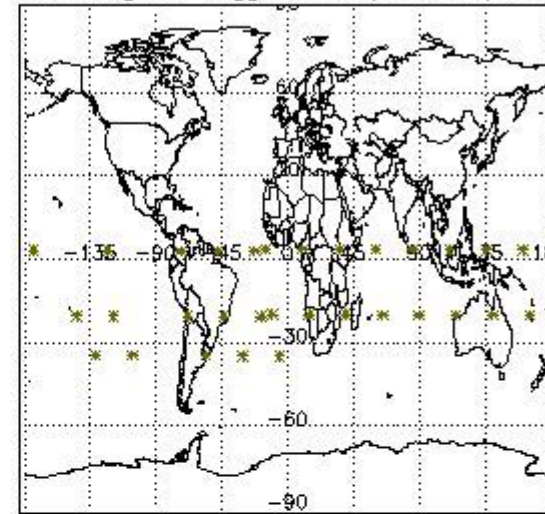


3.2 Plot quality information per product (world map)

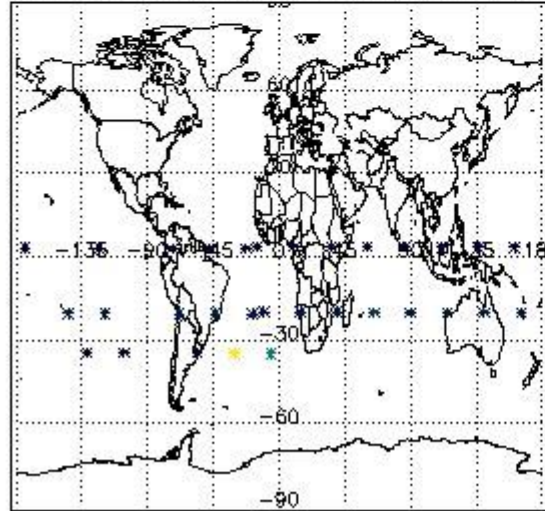
Percentage of flagged data per O3 profile



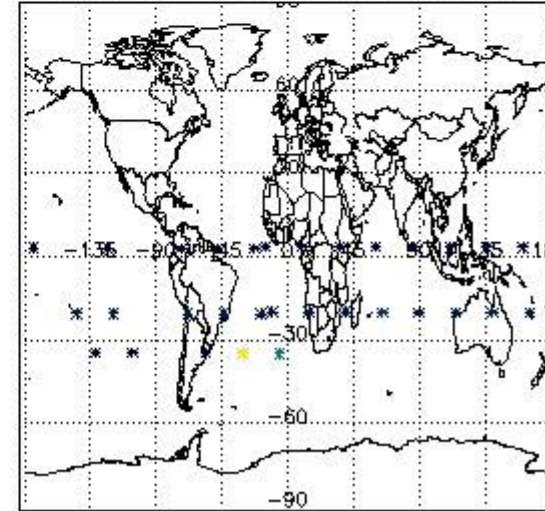
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

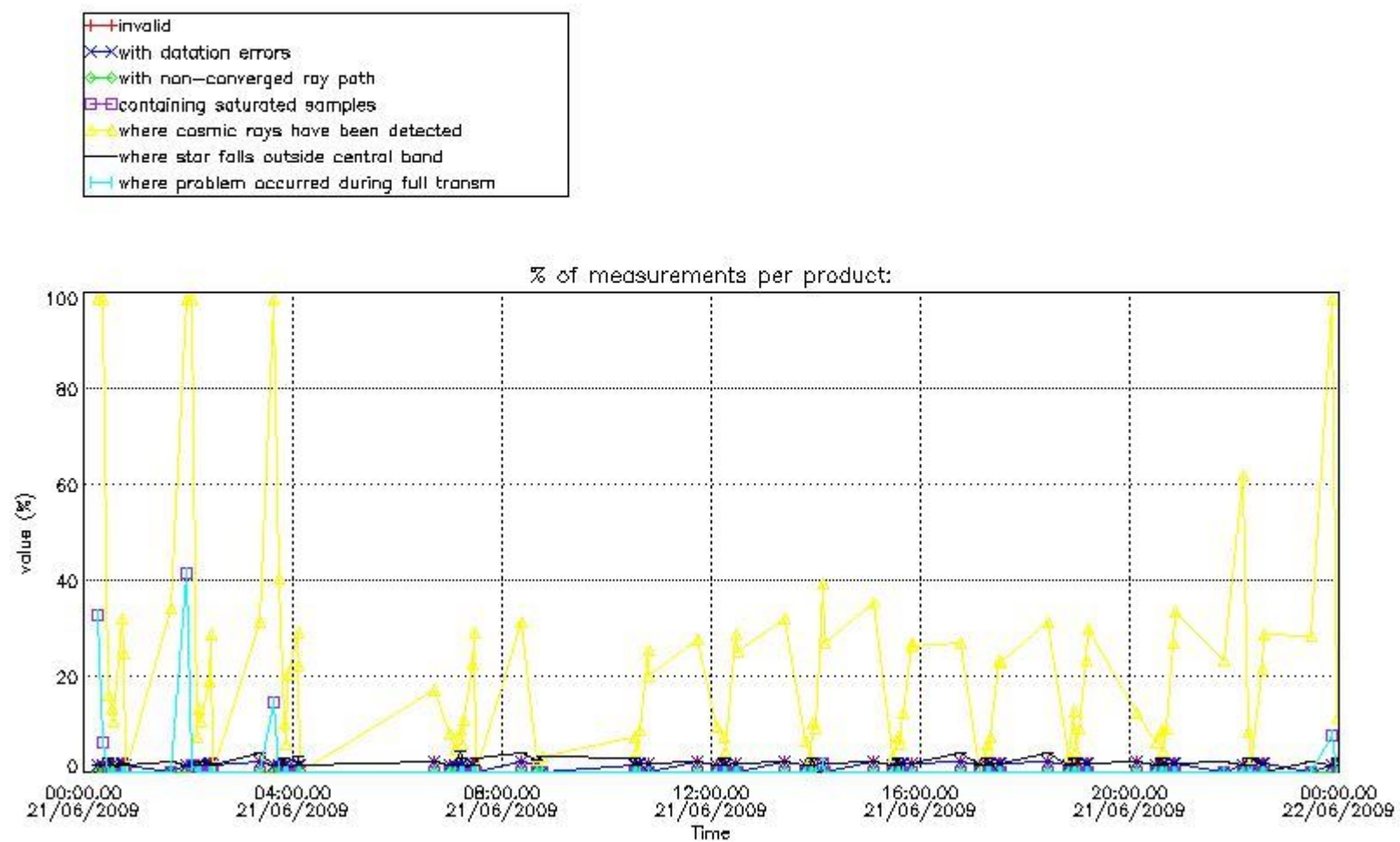


4. Level 1 quality information per product

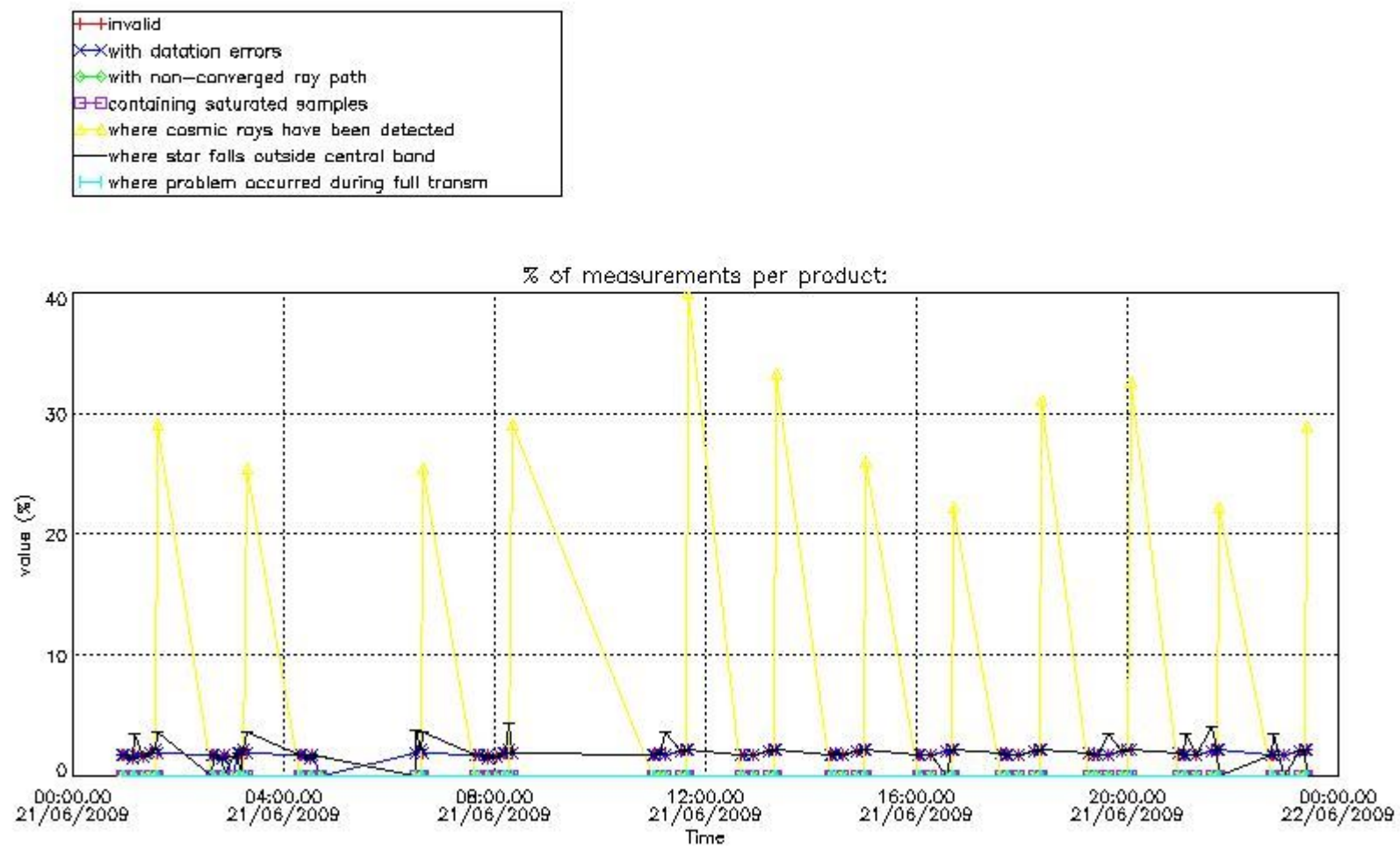
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



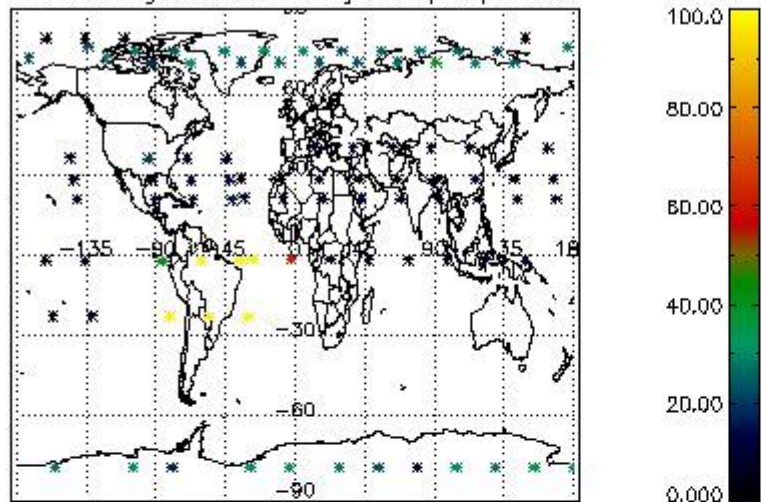
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



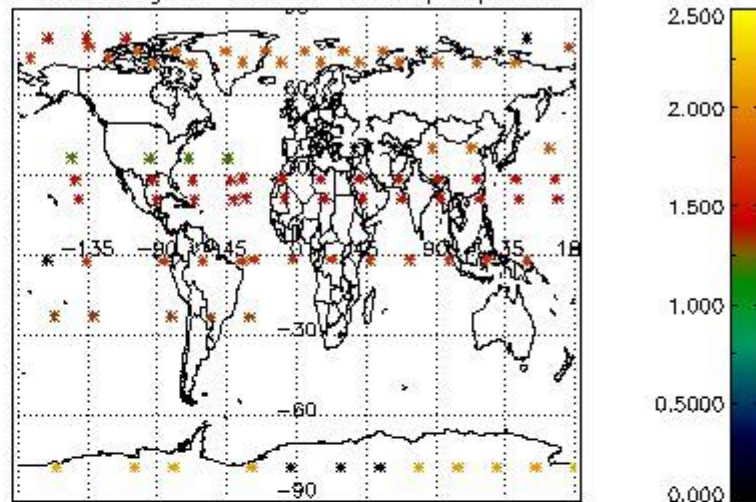
4.2 Plot quality information per product coming from level 1b processing (world map)

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

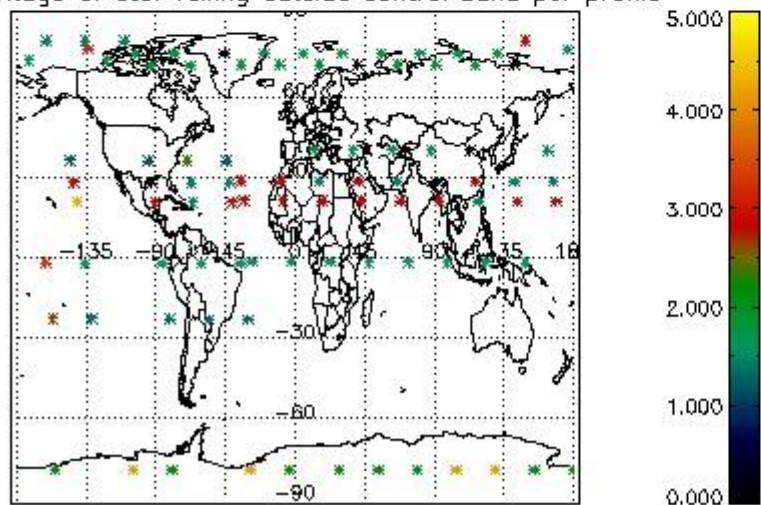
Percentage of cosmic ray hits per profile



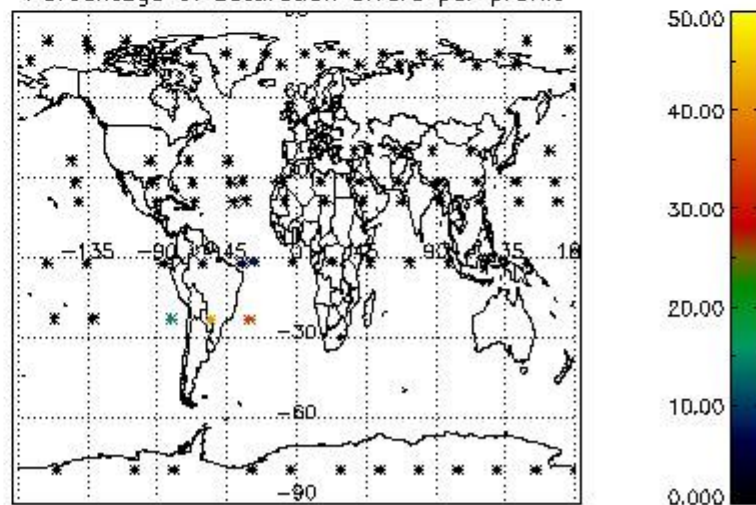
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

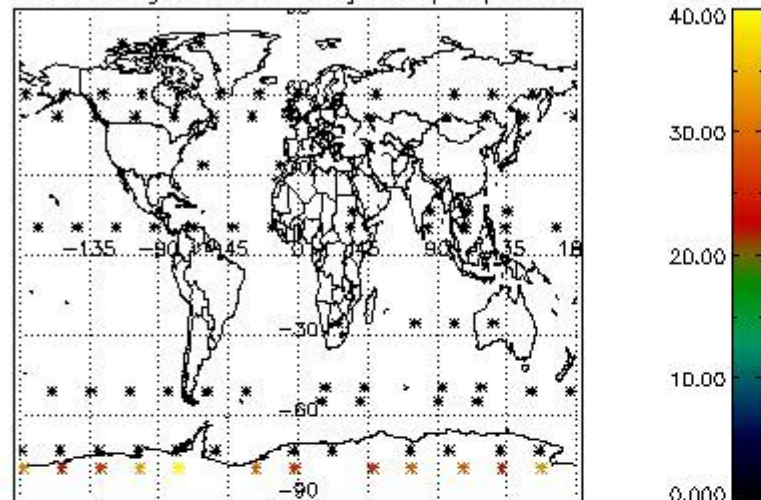


Percentage of saturation errors per profile

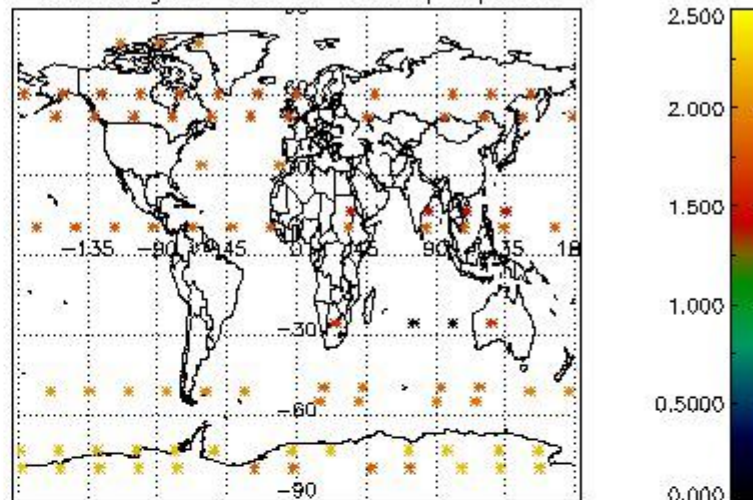


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

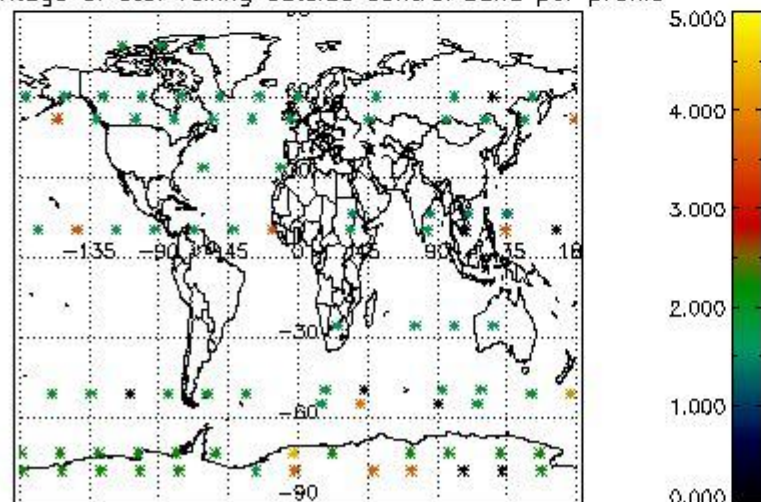
Percentage of cosmic ray hits per profile



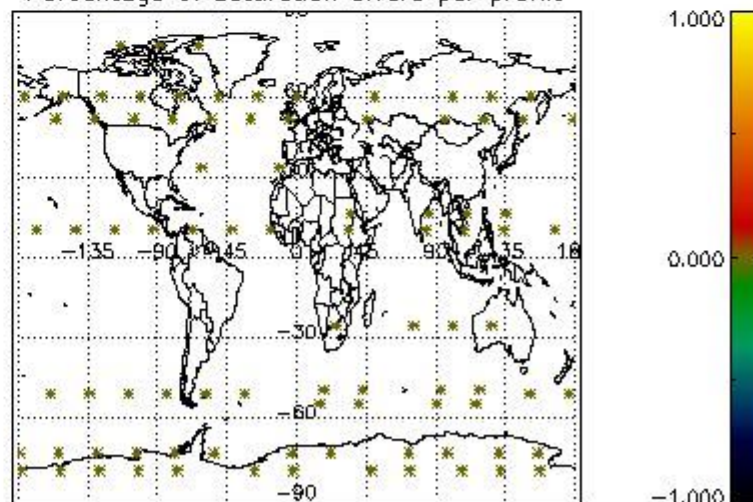
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

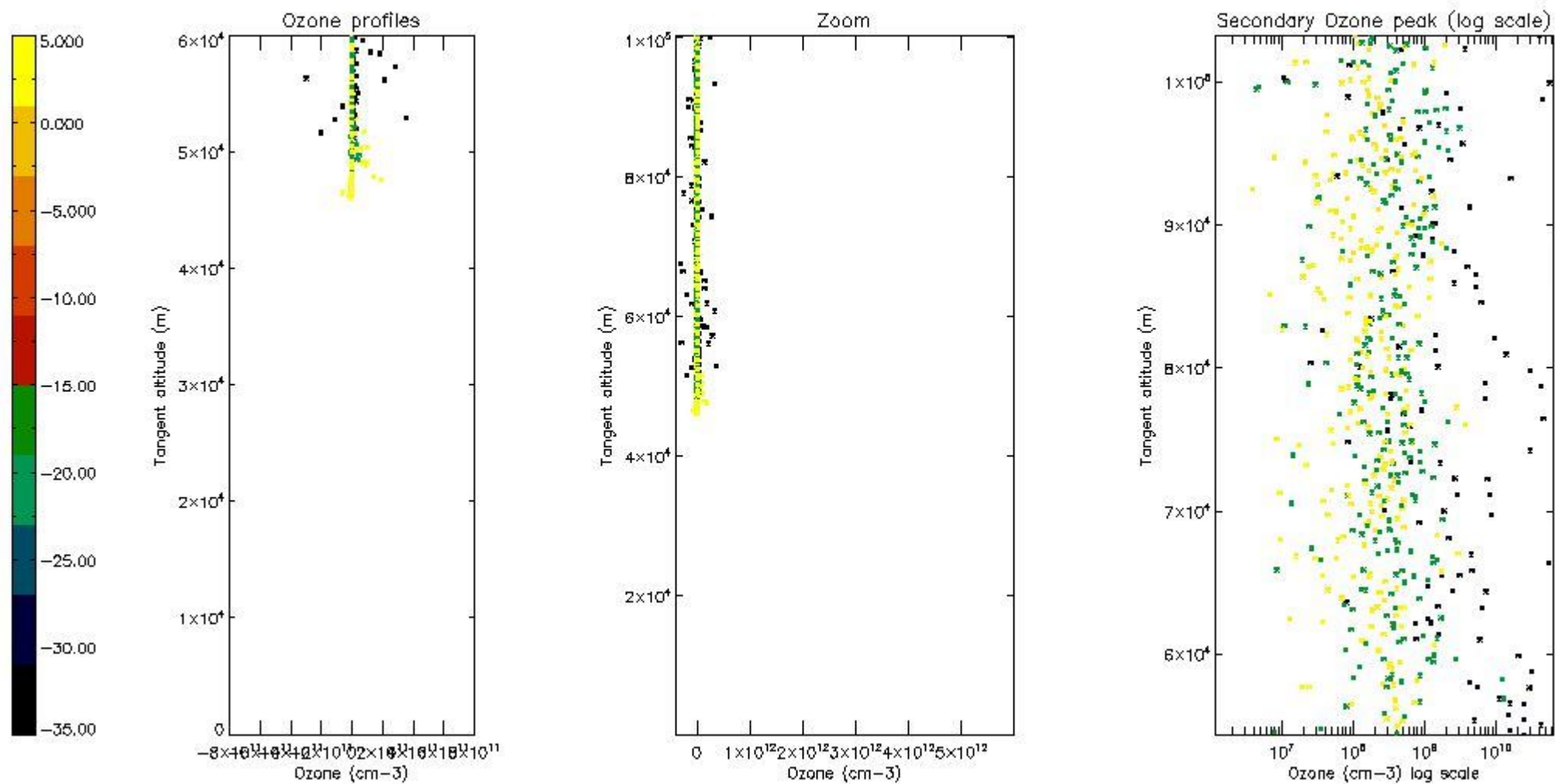
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	20
STD < 20	0

STD < 10	0
STD < 5	0

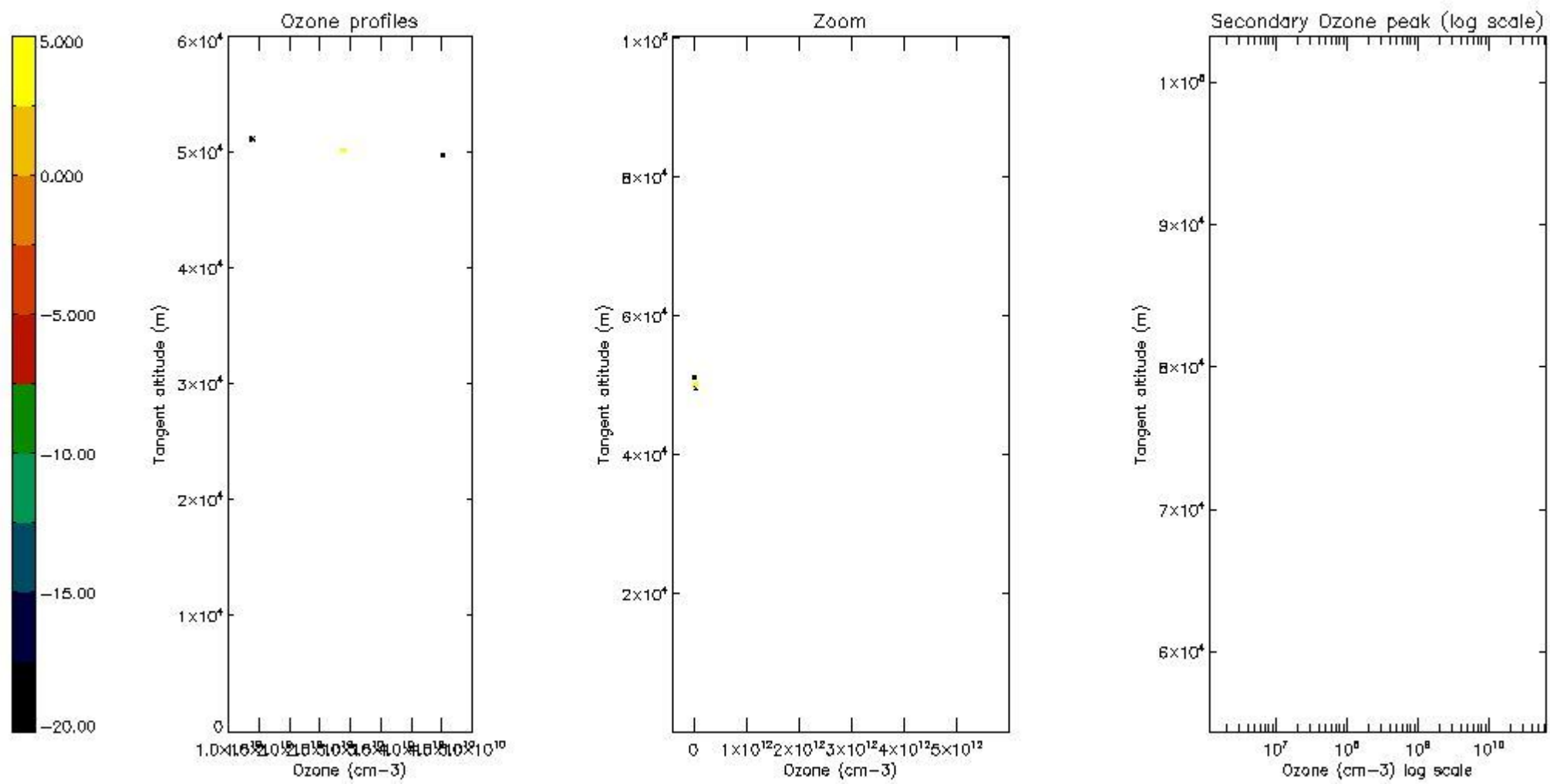
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



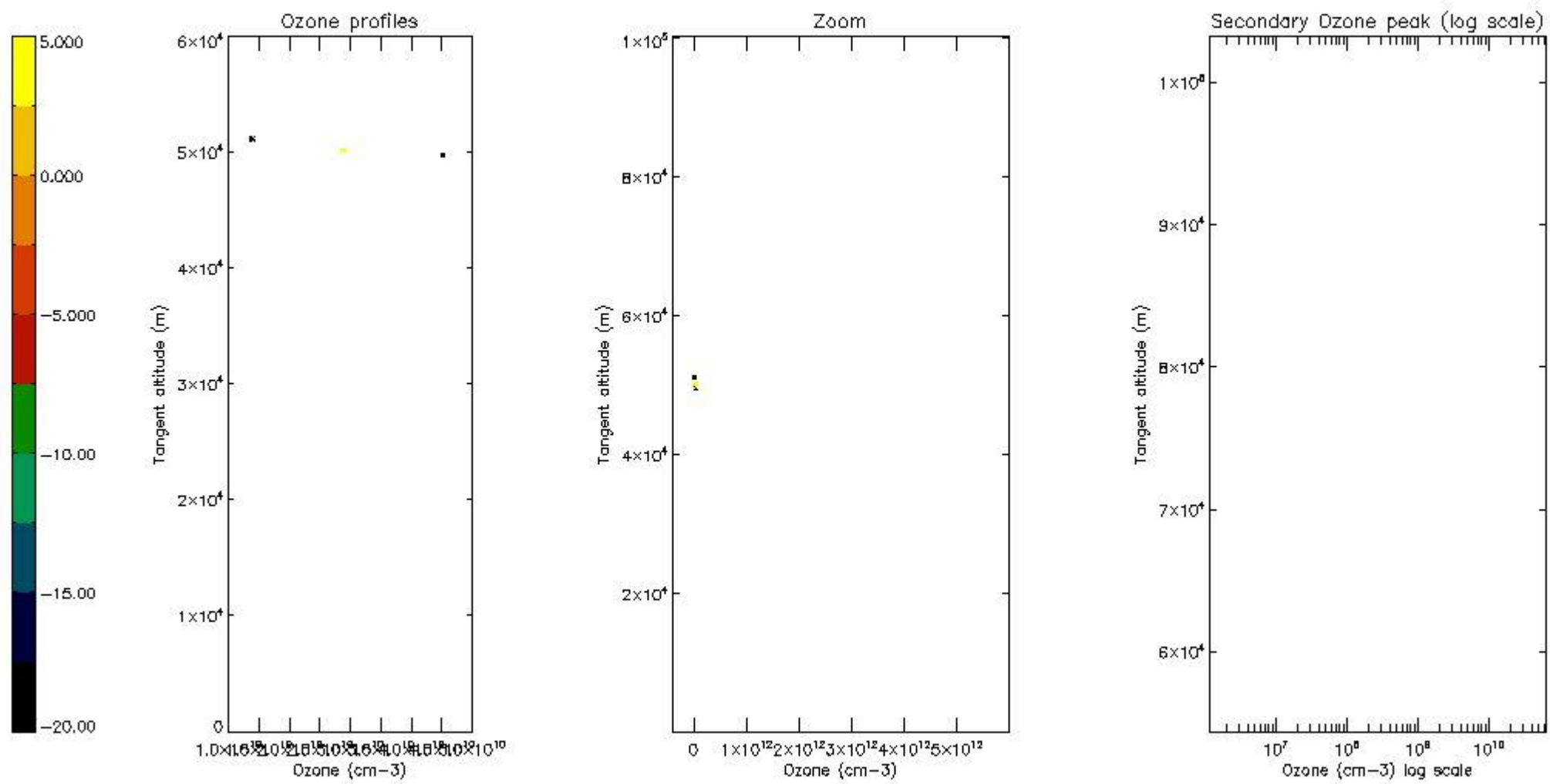
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



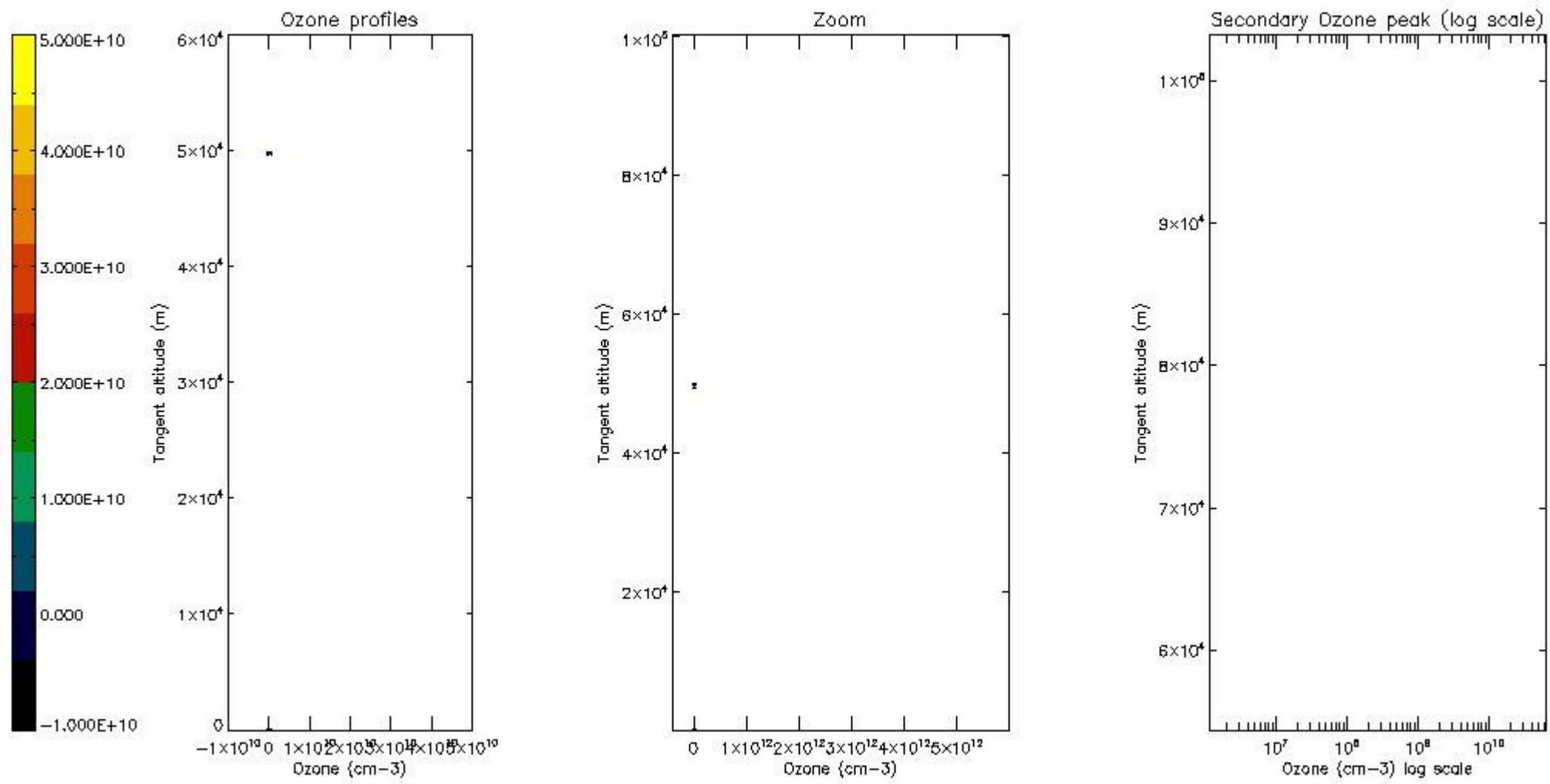
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



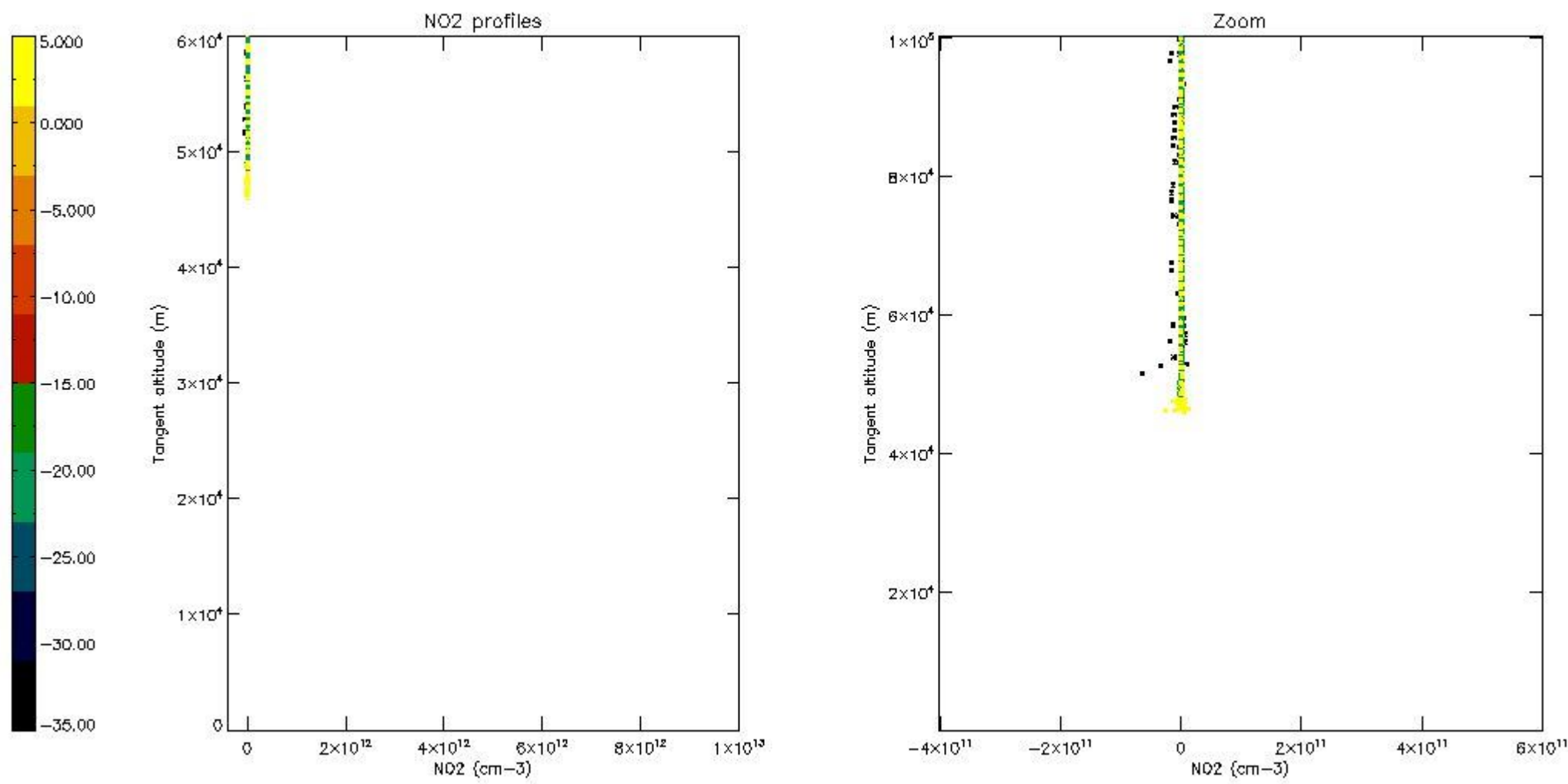
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



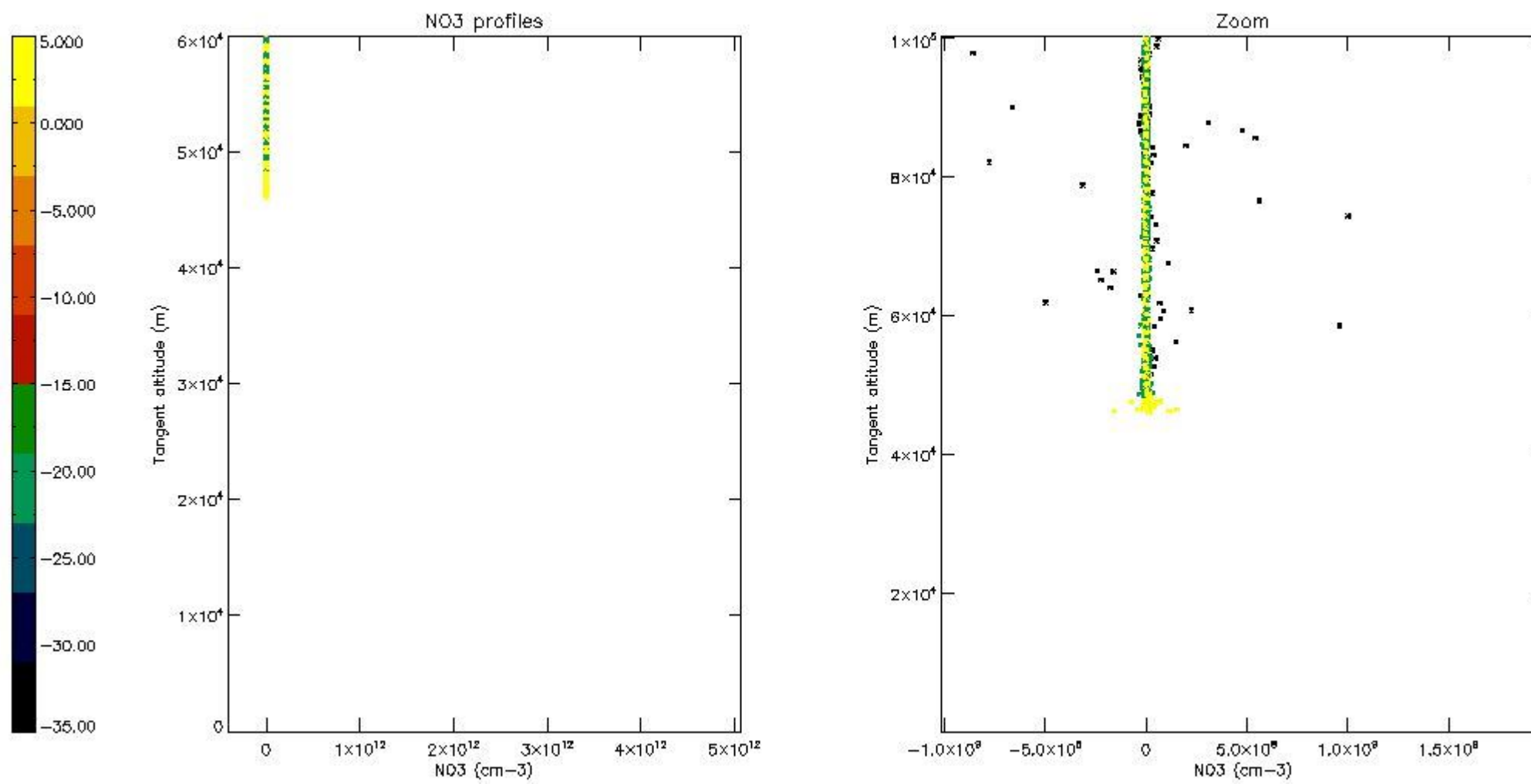
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	21-JUN-2009 00:16:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-JUN-2009 00:16:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-JUN-2009 00:16:44

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

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

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

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

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

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

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

[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 10:19:16
Data source version	GOMOS/6.01
Start time of products	21-06-2009 (21JUN2009 00:00:00)
Stop time of products	22-06-2009 (22JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	183
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__2PRFIN20090621_001644_000000382080_00073_38203_4737.N1	21-JUN-2009 00:16:44	Dark	38.000	52	16Bet Cet	2.0370	4500.0	76	38203	No
2	GOM_NL__2PRFIN20090621_002235_000000322080_00073_38203_4738.N1	21-JUN-2009 00:22:35	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38203	No
3	GOM_NL__2PRFIN20090621_002859_000000352080_00074_38204_4741.N1	21-JUN-2009 00:28:59	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38204	No
4	GOM_NL__2PRFIN20090621_003102_000000352080_00074_38204_4742.N1	21-JUN-2009 00:31:02	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38204	No
5	GOM_NL__2PRFIN20090621_003321_000000422080_00074_38204_4743.N1	21-JUN-2009 00:33:21	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38204	No
6	GOM_NL__2PRFIN20090621_004344_000000282080_00074_38204_4744.N1	21-JUN-2009 00:43:44	Twilight	28.000	38	20Eps Sgr	1.8360	11000.	56	38204	No
7	GOM_NL__2PRFIN20090621_004511_000000292080_00074_38204_4745.N1	21-JUN-2009 00:45:11	Twilight	28.500	116	19Del Sgr	2.7000	4100.0	57	38204	No
8	GOM_NL__2PRFIN20090621_004723_000000352080_00074_38204_4746.N1	21-JUN-2009 00:47:23	Twilight	34.500	155	41Pi Sgr	2.9000	6600.0	69	38204	No
9	GOM_NL__2PRFIN20090621_005626_000000302080_00074_38204_4747.N1	21-JUN-2009 00:56:26	Bright	29.500	126	60Bet Oph	2.7700	4250.0	59	38204	No
10	GOM_NL__2PRFIN20090621_005852_000000292080_00074_38204_4748.N1	21-JUN-2009 00:58:52	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38204	No
11	GOM_NL__2PRFIN20090621_010852_000000352080_00074_38204_4749.N1	21-JUN-2009 01:08:52	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	38204	No
12	GOM_NL__2PRFIN20090621_011034_000000292080_00074_38204_4750.N1	21-JUN-2009 01:10:34	Bright	28.500	130	23Bet Dra	2.7990	5800.0	57	38204	No
13	GOM_NL__2PRFIN20090621_012034_000000322080_00074_38204_4751.N1	21-JUN-2009 01:20:34	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38204	No
14	GOM_NL__2PRFIN20090621_012723_000000282080_00074_38204_4752.N1	21-JUN-2009 01:27:23	Twilight	27.500	74	11Bet Cas	2.2680	6600.0	55	38204	No
15	GOM_NL__2PRFIN20090621_012853_000000262080_00074_38204_4753.N1	21-JUN-2009 01:28:53	Twilight	26.000	68	18Alp Cas	2.2250	4500.0	52	38204	No
16	GOM_NL__2PRFIN20090621_013424_000000232080_00074_38204_4754.N1	21-JUN-2009 01:34:24	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38204	No
17	GOM_NL__2PRFIN20090621_013648_000000282080_00074_38204_4755.N1	21-JUN-2009 01:36:48	Twilight	27.500	53	43Bet And	2.0480	3300.0	55	38204	No
18	GOM_NL__2PRFIN20090621_014031_000000242080_00074_38204_4756.N1	21-JUN-2009 01:40:31	Twilight	23.500	50	13Alp Ari	2.0070	4250.0	47	38204	No
19	GOM_NL__2PRFIN20090621_015722_000000382080_00074_38204_4757.N1	21-JUN-2009 01:57:22	Dark	37.500	52	16Bet Cet	2.0370	4500.0	75	38204	No
20	GOM_NL__2PRFIN20090621_020311_000000312080_00074_38204_4758.N1	21-JUN-2009 02:03:11	Dark	31.000	84	Alp Phe	2.3970	4500.0	62	38204	No
21	GOM_NL__2PRFIN20090621_020936_000000352080_00075_38205_4755.N1	21-JUN-2009 02:09:36	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38205	No
22	GOM_NL__2PRFIN20090621_021139_000000352080_00075_38205_4756.N1	21-JUN-2009 02:11:39	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38205	No
23	GOM_NL__2PRFIN20090621_021358_000000432080_00075_38205_4757.N1	21-JUN-2009 02:13:58	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	38205	No
24	GOM_NL__2PRFIN20090621_022422_000000272080_00075_38205_4758.N1	21-JUN-2009 02:24:22	Twilight	26.500	38	20Eps Sgr	1.8360	11000.	53	38205	No
25	GOM_NL__2PRFIN20090621_022547_000000282080_00075_38205_4759.N1	21-JUN-2009 02:25:47	Twilight	28.000	116	19Del Sgr	2.7000	4100.0	56	38205	No
26	GOM_NL__2PRFIN20090621_022759_000000352080_00075_38205_4760.N1	21-JUN-2009 02:27:59	Twilight	34.500	155	41Pi Sgr	2.9000	6600.0	69	38205	No
27	GOM_NL__2PRFIN20090621_023701_000000292080_00075_38205_4761.N1	21-JUN-2009 02:37:01	Twilight	29.000	126	60Bet Oph	2.7700	4250.0	58	38205	No
28	GOM_NL__2PRFIN20090621_023928_000000292080_00075_38205_4762.N1	21-JUN-2009 02:39:28	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38205	No
29	GOM_NL__2PRFIN20090621_024927_000000352080_00075_38205_4763.N1	21-JUN-2009 02:49:27	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	38205	No
30	GOM_NL__2PRFIN20090621_025110_000000282080_00075_38205_4764.N1	21-JUN-2009 02:51:10	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38205	No
31	GOM_NL__2PRFIN20090621_030109_000000312080_00075_38205_4765.N1	21-JUN-2009 03:01:09	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	38205	No
32	GOM_NL__2PRFIN20090621_030759_000000282080_00075_38205_4766.N1	21-JUN-2009 03:07:59	Twilight	27.500	74	11Bet Cas	2.2680	6600.0	55	38205	No
33	GOM_NL__2PRFIN20090621_030928_000000262080_00075_38205_4767.N1	21-JUN-2009 03:09:28	Twilight	26.000	68	18Alp Cas	2.2250	4500.0	52	38205	No
34	GOM_NL__2PRFIN20090621_031459_000000232080_00075_38205_4768.N1	21-JUN-2009 03:14:59	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38205	No
35	GOM_NL__2PRFIN20090621_031724_000000282080_00075_38205_4769.N1	21-JUN-2009 03:17:24	Twilight	27.500	53	43Bet And	2.0480	3300.0	55	38205	No
36	GOM_NL__2PRFIN20090621_032107_000000242080_00075_38205_4770.N1	21-JUN-2009 03:21:07	Twilight	24.000	50	13Alp Ari	2.0070	4250.0	48	38205	No
37	GOM_NL__2PRFIN20090621_033759_000000382080_00075_38205_4771.N1	21-JUN-2009 03:37:59	Dark	37.500	52	16Bet Cet	2.0370	4500.0	75	38205	No
38	GOM_NL__2PRFIN20090621_034348_000000312080_00075_38205_4772.N1	21-JUN-2009 03:43:48	Dark	31.000	84	Alp Phe	2.3970	4500.0	62	38205	No
39	GOM_NL__2PRFIN20090621_035013_000000352080_00076_38206_4763.N1	21-JUN-2009 03:50:13	Dark	35.000	63	Bet Gru	2.1500	2800.0	70	38206	No
40	GOM_NL__2PRFIN20090621_035215_000000352080_00076_38206_4764.N1	21-JUN-2009 03:52:15	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38206	No
41	GOM_NL__2PRFIN20090621_035435_000000422080_00076_38206_4765.N1	21-JUN-2009 03:54:35	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	38206	No
42	GOM_NL__2PRFIN20090621_040532_000000312080_00076_38206_4766.N1	21-JUN-2009 04:05:32	Twilight	31.000	103	38Zet Sgr	2.6000	9700.0	62	38206	No

43	GOM_NL__2PRFIN20090621_040655_000000322080_00076_38206_4767.N1	21-JUN-2009 04:06:55	Twilight	31.500	57	34Sig Sgr	2.0660	26000.	63	38206	No
44	GOM_NL__2PRFIN20090621_040836_000000352080_00076_38206_4768.N1	21-JUN-2009 04:08:36	Twilight	34.500	155	41Pi Sgr	2.9000	6600.0	69	38206	No
45	GOM_NL__2PRFIN20090621_041737_000000292080_00076_38206_4769.N1	21-JUN-2009 04:17:37	Twilight	29.000	126	60Bet Oph	2.7700	4250.0	58	38206	No
46	GOM_NL__2PRFIN20090621_042004_000000292080_00076_38206_4770.N1	21-JUN-2009 04:20:04	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38206	No
47	GOM_NL__2PRFIN20090621_043002_000000352080_00076_38206_4771.N1	21-JUN-2009 04:30:02	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	38206	No
48	GOM_NL__2PRFIN20090621_043146_000000282080_00076_38206_4772.N1	21-JUN-2009 04:31:46	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38206	No
49	GOM_NL__2PRFIN20090621_044145_000000312080_00076_38206_4773.N1	21-JUN-2009 04:41:45	Twilight	30.500	89	5Alp Cep	2.4510	8000.0	61	38206	No
50	GOM_NL__2PRFIN20090621_062910_000000272080_00077_38207_4783.N1	21-JUN-2009 06:29:10	Twilight	27.000	74	11Bet Cas	2.2680	6600.0	54	38207	No
51	GOM_NL__2PRFIN20090621_063040_000000272080_00077_38207_4784.N1	21-JUN-2009 06:30:40	Twilight	26.500	68	18Alp Cas	2.2250	4500.0	53	38207	No
52	GOM_NL__2PRFIN20090621_063612_000000232080_00077_38207_4785.N1	21-JUN-2009 06:36:12	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38207	No
53	GOM_NL__2PRFIN20090621_063836_000000282080_00077_38207_4786.N1	21-JUN-2009 06:38:36	Twilight	27.500	53	43Bet And	2.0480	3300.0	55	38207	No
54	GOM_NL__2PRFIN20090621_064220_000000242080_00077_38207_4787.N1	21-JUN-2009 06:42:20	Twilight	23.500	50	13Alp Ari	2.0070	4250.0	47	38207	No
55	GOM_NL__2PRFIN20090621_065913_000000382080_00077_38207_4788.N1	21-JUN-2009 06:59:13	Dark	37.500	52	16Bet Cet	2.0370	4500.0	75	38207	No
56	GOM_NL__2PRFIN20090621_070502_000000322080_00077_38207_4789.N1	21-JUN-2009 07:05:02	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38207	No
57	GOM_NL__2PRFIN20090621_071127_000000352080_00078_38208_4797.N1	21-JUN-2009 07:11:27	Dark	35.000	63	Bet Gru	2.1500	2800.0	70	38208	No
58	GOM_NL__2PRFIN20090621_071330_000000352080_00078_38208_4798.N1	21-JUN-2009 07:13:30	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38208	No
59	GOM_NL__2PRFIN20090621_071550_000000422080_00078_38208_4799.N1	21-JUN-2009 07:15:50	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	38208	No
60	GOM_NL__2PRFIN20090621_072645_000000312080_00078_38208_4800.N1	21-JUN-2009 07:26:45	Twilight	31.000	103	38Zet Sgr	2.6000	9700.0	62	38208	No
61	GOM_NL__2PRFIN20090621_072808_000000312080_00078_38208_4801.N1	21-JUN-2009 07:28:08	Twilight	31.000	57	34Sig Sgr	2.0660	26000.	62	38208	No
62	GOM_NL__2PRFIN20090621_072948_000000342080_00078_38208_4802.N1	21-JUN-2009 07:29:48	Twilight	34.000	155	41Pi Sgr	2.9000	6600.0	68	38208	No
63	GOM_NL__2PRFIN20090621_073849_000000292080_00078_38208_4803.N1	21-JUN-2009 07:38:49	Bright	29.000	126	60Bet Oph	2.7700	4250.0	58	38208	No
64	GOM_NL__2PRFIN20090621_074115_000000292080_00078_38208_4804.N1	21-JUN-2009 07:41:15	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38208	No
65	GOM_NL__2PRFIN20090621_075113_000000352080_00078_38208_4805.N1	21-JUN-2009 07:51:13	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	38208	No
66	GOM_NL__2PRFIN20090621_075257_000000282080_00078_38208_4806.N1	21-JUN-2009 07:52:57	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38208	No
67	GOM_NL__2PRFIN20090621_080255_000000322080_00078_38208_4807.N1	21-JUN-2009 08:02:55	Twilight	31.500	89	5Alp Cep	2.4510	8000.0	63	38208	No
68	GOM_NL__2PRFIN20090621_080945_000000282080_00078_38208_4808.N1	21-JUN-2009 08:09:45	Twilight	27.500	74	11Bet Cas	2.2680	6600.0	55	38208	No
69	GOM_NL__2PRFIN20090621_081115_000000272080_00078_38208_4809.N1	21-JUN-2009 08:11:15	Twilight	26.500	68	18Alp Cas	2.2250	4500.0	53	38208	No
70	GOM_NL__2PRFIN20090621_081647_000000232080_00078_38208_4810.N1	21-JUN-2009 08:16:47	Twilight	23.000	73	57Gam1And	2.2600	13100.	46	38208	No
71	GOM_NL__2PRFIN20090621_081912_000000282080_00078_38208_4811.N1	21-JUN-2009 08:19:12	Twilight	27.500	53	43Bet And	2.0480	3300.0	55	38208	No
72	GOM_NL__2PRFIN20090621_082256_000000242080_00078_38208_4812.N1	21-JUN-2009 08:22:56	Twilight	24.000	50	13Alp Ari	2.0070	4250.0	48	38208	No
73	GOM_NL__2PRFIN20090621_083950_000000382080_00078_38208_4813.N1	21-JUN-2009 08:39:50	Dark	38.000	52	16Bet Cet	2.0370	4500.0	76	38208	No
74	GOM_NL__2PRFIN20090621_084539_000000312080_00078_38208_4814.N1	21-JUN-2009 08:45:39	Dark	30.500	84	Alp Phe	2.3970	4500.0	61	38208	No
75	GOM_NL__2PRFIN20090621_103240_000000352080_00080_38210_4818.N1	21-JUN-2009 10:32:40	Dark	35.000	63	Bet Gru	2.1500	2800.0	70	38210	No
76	GOM_NL__2PRFIN20090621_103444_000000342080_00080_38210_4819.N1	21-JUN-2009 10:34:44	Straylight	34.000	31	Alp Gru	1.7340	15200.	68	38210	No
77	GOM_NL__2PRFIN20090621_103802_000000292080_00080_38210_4820.N1	21-JUN-2009 10:38:02	Straylight	28.500	45	Alp Pav	1.9400	26000.	57	38210	No
78	GOM_NL__2PRFIN20090621_104722_000000282080_00080_38210_4821.N1	21-JUN-2009 10:47:22	Twilight	27.500	38	20Eps Sgr	1.8360	11000.	55	38210	No
79	GOM_NL__2PRFIN20090621_104849_000000282080_00080_38210_4822.N1	21-JUN-2009 10:48:49	Twilight	27.500	116	19Del Sgr	2.7000	4100.0	55	38210	No
80	GOM_NL__2PRFIN20090621_110001_000000292080_00080_38210_4823.N1	21-JUN-2009 11:00:01	Bright	29.000	126	60Bet Oph	2.7700	4250.0	58	38210	No
81	GOM_NL__2PRFIN20090621_110226_000000292080_00080_38210_4824.N1	21-JUN-2009 11:02:26	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38210	No
82	GOM_NL__2PRFIN20090621_110737_000000272080_00080_38210_4825.N1	21-JUN-2009 11:07:37	Bright	26.500	133	40Zet Her	2.8070	6000.0	53	38210	No
83	GOM_NL__2PRFIN20090621_111409_000000282080_00080_38210_4826.N1	21-JUN-2009 11:14:09	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38210	No
84	GOM_NL__2PRFIN20090621_113125_000000252080_00080_38210_4827.N1	21-JUN-2009 11:31:25	Twilight	25.000	76	27Gam Cas	2.3000	30000.	50	38210	No
85	GOM_NL__2PRFIN20090621_113759_000000232080_00080_38210_4828.N1	21-JUN-2009 11:37:59	Twilight	23.000	73	57Gam1And	2.2600	13100.	46	38210	No
86	GOM_NL__2PRFIN20090621_114022_000000232080_00080_38210_4829.N1	21-JUN-2009 11:40:22	Twilight	22.500	173	4Bet Tri	3.0040	8900.0	45	38210	No
87	GOM_NL__2PRFIN20090621_114408_000000242080_00080_38210_4830.N1	21-JUN-2009 11:44:08	Twilight	23.500	50	13Alp Ari	2.0070	4250.0	47	38210	No
88	GOM_NL__2PRFIN20090621_120652_000000322080_00080_38210_4831.N1	21-JUN-2009 12:06:52	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38210	No
89	GOM_NL__2PRFIN20090621_121318_000000352080_00081_38211_4854.N1	21-JUN-2009 12:13:18	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38211	No
90	GOM_NL__2PRFIN20090621_121520_000000352080_00081_38211_4855.N1	21-JUN-2009 12:15:20	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38211	No
91	GOM_NL__2PRFIN20090621_122758_000000282080_00081_38211_4856.N1	21-JUN-2009 12:27:58	Twilight	28.000	38	20Eps Sgr	1.8360	11000.	56	38211	No
92	GOM_NL__2PRFIN20090621_122924_000000282080_00081_38211_4857.N1	21-JUN-2009 12:29:24	Twilight	28.000	116	19Del Sgr	2.7000	4100.0	56	38211	No
93	GOM_NL__2PRFIN20090621_124036_000000292080_00081_38211_4858.N1	21-JUN-2009 12:40:36	Bright	29.000	126	60Bet Oph	2.7700	4250.0	58	38211	No
94	GOM_NL__2PRFIN20090621_124302_000000292080_00081_38211_4859.N1	21-JUN-2009 12:43:02	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38211	No
95	GOM_NL__2PRFIN20090621_125444_000000282080_00081_38211_4860.N1	21-JUN-2009 12:54:44	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38211	No
96	GOM_NL__2PRFIN20090621_131201_000000252080_00081_38211_4861.N1	21-JUN-2009 13:12:01	Twilight	25.000	76	27Gam Cas	2.3000	30000.	50	38211	No
97	GOM_NL__2PRFIN20090621_131835_000000232080_00081_38211_4862.N1	21-JUN-2009 13:18:35	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38211	No
98	GOM_NL__2PRFIN20090621_132058_000000232080_00081_38211_4863.N1	21-JUN-2009 13:20:58	Twilight	22.500	173	4Bet Tri	3.0040	8900.0	45	38211	No
99	GOM_NL__2PRFIN20090621_132445_000000242080_00081_38211_4864.N1	21-JUN-2009 13:24:45	Twilight	23.500	50	13Alp Ari	2.0070	4250.0	47	38211	No
100	GOM_NL__2PRFIN20090621_134729_000000312080_00081_38211_4865.N1	21-JUN-2009 13:47:29	Dark	31.000	84	Alp Phe	2.3970	4500.0	62	38211	No
101	GOM_NL__2PRFIN20090621_135354_000000352080_00082_38212_4868.N1	21-JUN-2009 13:53:54	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38212	No

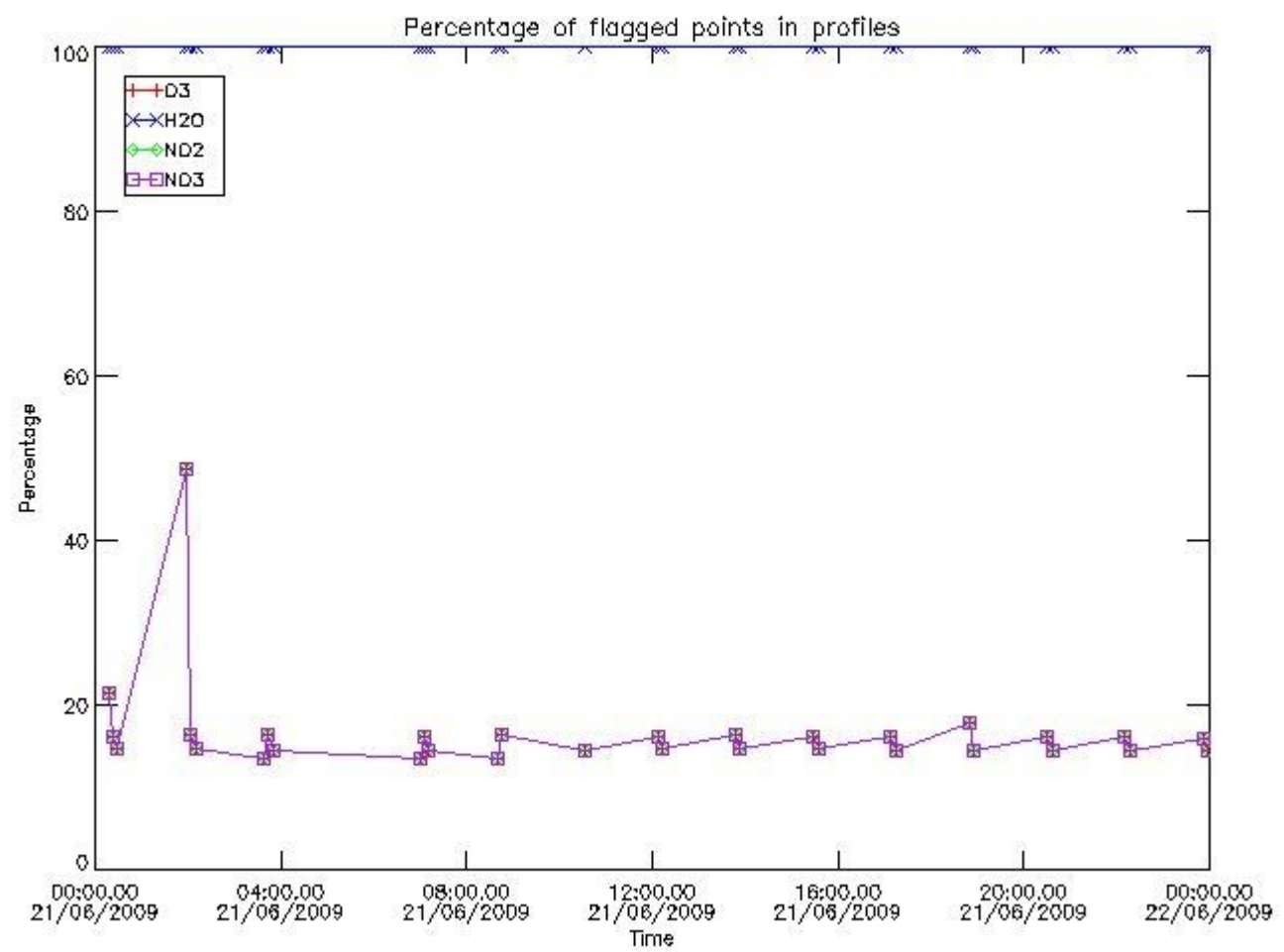
102	GOM_NL__2PRFIN20090621_135557_000000352080_00082_38212_4869.N1	21-JUN-2009 13:55:57	Straylight	35.000	31	Alp Gru	1.7340	15200.	70	38212	No
103	GOM_NL__2PRFIN20090621_135915_000000282080_00082_38212_4870.N1	21-JUN-2009 13:59:15	Straylight	28.000	45	Alp Pav	1.9400	26000.	56	38212	No
104	GOM_NL__2PRFIN20090621_140834_000000282080_00082_38212_4871.N1	21-JUN-2009 14:08:34	Twi_and_stray	28.000	38	20Eps Sgr	1.8360	11000.	56	38212	No
105	GOM_NL__2PRFIN20090621_141001_000000282080_00082_38212_4872.N1	21-JUN-2009 14:10:01	Twi_and_stray	28.000	116	19Del Sgr	2.7000	4100.0	56	38212	No
106	GOM_NL__2PRFIN20090621_142112_000000302080_00082_38212_4873.N1	21-JUN-2009 14:21:12	Bright	29.500	126	60Bet Oph	2.7700	4250.0	59	38212	No
107	GOM_NL__2PRFIN20090621_142338_000000292080_00082_38212_4874.N1	21-JUN-2009 14:23:38	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38212	No
108	GOM_NL__2PRFIN20090621_142849_000000272080_00082_38212_4875.N1	21-JUN-2009 14:28:49	Bright	26.500	133	40Zet Her	2.8070	6000.0	53	38212	No
109	GOM_NL__2PRFIN20090621_143520_000000282080_00082_38212_4876.N1	21-JUN-2009 14:35:20	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38212	No
110	GOM_NL__2PRFIN20090621_145237_000000252080_00082_38212_4877.N1	21-JUN-2009 14:52:37	Twi_and_stray	24.500	76	27Gam Cas	2.3000	30000.	49	38212	No
111	GOM_NL__2PRFIN20090621_145911_000000232080_00082_38212_4878.N1	21-JUN-2009 14:59:11	Twi_and_stray	23.000	73	57Gam1And	2.2600	13100.	46	38212	No
112	GOM_NL__2PRFIN20090621_150134_000000232080_00082_38212_4879.N1	21-JUN-2009 15:01:34	Twi_and_stray	23.000	173	4Bet Tri	3.0040	8900.0	46	38212	No
113	GOM_NL__2PRFIN20090621_150521_000000242080_00082_38212_4880.N1	21-JUN-2009 15:05:21	Twilight	24.000	50	13Alp Ari	2.0070	4250.0	48	38212	No
114	GOM_NL__2PRFIN20090621_152806_000000322080_00082_38212_4881.N1	21-JUN-2009 15:28:06	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38212	No
115	GOM_NL__2PRFIN20090621_153431_000000352080_00083_38213_4882.N1	21-JUN-2009 15:34:31	Dark	34.500	63	Bet Gru	2.1500	2800.0	69	38213	No
116	GOM_NL__2PRFIN20090621_153634_000000342080_00083_38213_4883.N1	21-JUN-2009 15:36:34	Straylight	34.000	31	Alp Gru	1.7340	15200.	68	38213	No
117	GOM_NL__2PRFIN20090621_153951_000000292080_00083_38213_4884.N1	21-JUN-2009 15:39:51	Straylight	28.500	45	Alp Pav	1.9400	26000.	57	38213	No
118	GOM_NL__2PRFIN20090621_154910_000000282080_00083_38213_4885.N1	21-JUN-2009 15:49:10	Twi_and_stray	28.000	38	20Eps Sgr	1.8360	11000.	56	38213	No
119	GOM_NL__2PRFIN20090621_155037_000000292080_00083_38213_4886.N1	21-JUN-2009 15:50:37	Twi_and_stray	28.500	116	19Del Sgr	2.7000	4100.0	57	38213	No
120	GOM_NL__2PRFIN20090621_160148_000000292080_00083_38213_4887.N1	21-JUN-2009 16:01:48	Bright	29.000	126	60Bet Oph	2.7700	4250.0	58	38213	No
121	GOM_NL__2PRFIN20090621_160413_000000292080_00083_38213_4888.N1	21-JUN-2009 16:04:13	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38213	No
122	GOM_NL__2PRFIN20090621_161555_000000282080_00083_38213_4889.N1	21-JUN-2009 16:15:55	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38213	No
123	GOM_NL__2PRFIN20090621_163313_000000252080_00083_38213_4890.N1	21-JUN-2009 16:33:13	Twi_and_stray	24.500	76	27Gam Cas	2.3000	30000.	49	38213	No
124	GOM_NL__2PRFIN20090621_163947_000000232080_00083_38213_4891.N1	21-JUN-2009 16:39:47	Twi_and_stray	23.000	73	57Gam1And	2.2600	13100.	46	38213	No
125	GOM_NL__2PRFIN20090621_164210_000000232080_00083_38213_4892.N1	21-JUN-2009 16:42:10	Twi_and_stray	22.500	173	4Bet Tri	3.0040	8900.0	45	38213	No
126	GOM_NL__2PRFIN20090621_164557_000000242080_00083_38213_4893.N1	21-JUN-2009 16:45:57	Twilight	24.000	50	13Alp Ari	2.0070	4250.0	48	38213	No
127	GOM_NL__2PRFIN20090621_170843_000000322080_00083_38213_4894.N1	21-JUN-2009 17:08:43	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38213	No
128	GOM_NL__2PRFIN20090621_171508_000000352080_00084_38214_4899.N1	21-JUN-2009 17:15:08	Dark	35.000	63	Bet Gru	2.1500	2800.0	70	38214	No
129	GOM_NL__2PRFIN20090621_171711_000000342080_00084_38214_4900.N1	21-JUN-2009 17:17:11	Straylight	34.000	31	Alp Gru	1.7340	15200.	68	38214	No
130	GOM_NL__2PRFIN20090621_172028_000000282080_00084_38214_4901.N1	21-JUN-2009 17:20:28	Straylight	28.000	45	Alp Pav	1.9400	26000.	56	38214	No
131	GOM_NL__2PRFIN20090621_172947_000000282080_00084_38214_4902.N1	21-JUN-2009 17:29:47	Twi_and_stray	28.000	38	20Eps Sgr	1.8360	11000.	56	38214	No
132	GOM_NL__2PRFIN20090621_173113_000000292080_00084_38214_4903.N1	21-JUN-2009 17:31:13	Twi_and_stray	28.500	116	19Del Sgr	2.7000	4100.0	57	38214	No
133	GOM_NL__2PRFIN20090621_173616_000000262080_00084_38214_4904.N1	21-JUN-2009 17:36:16	Twi_and_stray	26.000	86	35Eta Oph	2.4300	10200.	52	38214	No
134	GOM_NL__2PRFIN20090621_174223_000000292080_00084_38214_4905.N1	21-JUN-2009 17:42:23	Twi_and_stray	29.000	126	60Bet Oph	2.7700	4250.0	58	38214	No
135	GOM_NL__2PRFIN20090621_174449_000000292080_00084_38214_4906.N1	21-JUN-2009 17:44:49	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38214	No
136	GOM_NL__2PRFIN20090621_175631_000000292080_00084_38214_4907.N1	21-JUN-2009 17:56:31	Bright	28.500	130	23Bet Dra	2.7990	5800.0	57	38214	No
137	GOM_NL__2PRFIN20090621_181348_000000252080_00084_38214_4908.N1	21-JUN-2009 18:13:48	Twi_and_stray	25.000	76	27Gam Cas	2.3000	30000.	50	38214	No
138	GOM_NL__2PRFIN20090621_182023_000000232080_00084_38214_4909.N1	21-JUN-2009 18:20:23	Twi_and_stray	22.500	73	57Gam1And	2.2600	13100.	45	38214	No
139	GOM_NL__2PRFIN20090621_182246_000000232080_00084_38214_4910.N1	21-JUN-2009 18:22:46	Twi_and_stray	22.500	173	4Bet Tri	3.0040	8900.0	45	38214	No
140	GOM_NL__2PRFIN20090621_182633_000000242080_00084_38214_4911.N1	21-JUN-2009 18:26:33	Twilight	24.000	50	13Alp Ari	2.0070	4250.0	48	38214	No
141	GOM_NL__2PRFIN20090621_184919_000000322080_00084_38214_4912.N1	21-JUN-2009 18:49:19	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38214	No
142	GOM_NL__2PRFIN20090621_185545_000000352080_00085_38215_4915.N1	21-JUN-2009 18:55:45	Dark	35.000	63	Bet Gru	2.1500	2800.0	70	38215	No
143	GOM_NL__2PRFIN20090621_185748_000000352080_00085_38215_4916.N1	21-JUN-2009 18:57:48	Straylight	35.000	31	Alp Gru	1.7340	15200.	70	38215	No
144	GOM_NL__2PRFIN20090621_190104_000000282080_00085_38215_4917.N1	21-JUN-2009 19:01:04	Straylight	28.000	45	Alp Pav	1.9400	26000.	56	38215	No
145	GOM_NL__2PRFIN20090621_191023_000000282080_00085_38215_4918.N1	21-JUN-2009 19:10:23	Twi_and_stray	28.000	38	20Eps Sgr	1.8360	11000.	56	38215	No
146	GOM_NL__2PRFIN20090621_191149_000000292080_00085_38215_4919.N1	21-JUN-2009 19:11:49	Twi_and_stray	28.500	116	19Del Sgr	2.7000	4100.0	57	38215	No
147	GOM_NL__2PRFIN20090621_191652_000000262080_00085_38215_4920.N1	21-JUN-2009 19:16:52	Twi_and_stray	26.000	86	35Eta Oph	2.4300	10200.	52	38215	No
148	GOM_NL__2PRFIN20090621_192259_000000292080_00085_38215_4921.N1	21-JUN-2009 19:22:59	Twi_and_stray	29.000	126	60Bet Oph	2.7700	4250.0	58	38215	No
149	GOM_NL__2PRFIN20090621_192525_000000292080_00085_38215_4922.N1	21-JUN-2009 19:25:25	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38215	No
150	GOM_NL__2PRFIN20090621_193706_000000292080_00085_38215_4923.N1	21-JUN-2009 19:37:06	Bright	28.500	130	23Bet Dra	2.7990	5800.0	57	38215	No
151	GOM_NL__2PRFIN20090621_195424_000000252080_00085_38215_4924.N1	21-JUN-2009 19:54:24	Twi_and_stray	24.500	76	27Gam Cas	2.3000	30000.	49	38215	No
152	GOM_NL__2PRFIN20090621_200059_000000232080_00085_38215_4925.N1	21-JUN-2009 20:00:59	Twi_and_stray	23.000	73	57Gam1And	2.2600	13100.	46	38215	No
153	GOM_NL__2PRFIN20090621_200322_000000232080_00085_38215_4926.N1	21-JUN-2009 20:03:22	Twi_and_stray	23.000	173	4Bet Tri	3.0040	8900.0	46	38215	No
154	GOM_NL__2PRFIN20090621_200709_000000242080_00085_38215_4927.N1	21-JUN-2009 20:07:09	Twilight	24.000	50	13Alp Ari	2.0070	4250.0	48	38215	No
155	GOM_NL__2PRFIN20090621_202956_000000322080_00085_38215_4928.N1	21-JUN-2009 20:29:56	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38215	No
156	GOM_NL__2PRFIN20090621_203622_000000352080_00086_38216_4920.N1	21-JUN-2009 20:36:22	Dark	35.000	63	Bet Gru	2.1500	2800.0	70	38216	No
157	GOM_NL__2PRFIN20090621_203824_000000352080_00086_38216_4921.N1	21-JUN-2009 20:38:24	Straylight	35.000	31	Alp Gru	1.7340	15200.	70	38216	No
158	GOM_NL__2PRFIN20090621_204141_000000282080_00086_38216_4922.N1	21-JUN-2009 20:41:41	Straylight	28.000	45	Alp Pav	1.9400	26000.	56	38216	No
159	GOM_NL__2PRFIN20090621_205059_000000282080_00086_38216_4923.N1	21-JUN-2009 20:50:59	Twi_and_stray	28.000	38	20Eps Sgr	1.8360	11000.	56	38216	No
160	GOM_NL__2PRFIN20090621_205226_000000292080_00086_38216_4924.N1	21-JUN-2009 20:52:26	Twi_and_stray	28.500	116	19Del Sgr	2.7000	4100.0	57	38216	No

161	GOM_NL__2PRFIN20090621_205728_000000262080_00086_38216_4925.N1	21-JUN-2009 20:57:28	Twilight	26.000	86	35Eta Oph	2.4300	10200.	52	38216	No
162	GOM_NL__2PRFIN20090621_210335_000000292080_00086_38216_4926.N1	21-JUN-2009 21:03:35	Bright	29.000	126	60Bet Oph	2.7700	4250.0	58	38216	No
163	GOM_NL__2PRFIN20090621_210601_000000292080_00086_38216_4927.N1	21-JUN-2009 21:06:01	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38216	No
164	GOM_NL__2PRFIN20090621_211742_000000282080_00086_38216_4928.N1	21-JUN-2009 21:17:42	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38216	No
165	GOM_NL__2PRFIN20090621_213500_000000252080_00086_38216_4929.N1	21-JUN-2009 21:35:00	Twilight	25.000	76	27Gam Cas	2.3000	30000.	50	38216	No
166	GOM_NL__2PRFIN20090621_214135_000000232080_00086_38216_4930.N1	21-JUN-2009 21:41:35	Twilight	22.500	73	57Gam1And	2.2600	13100.	45	38216	No
167	GOM_NL__2PRFIN20090621_214358_000000232080_00086_38216_4931.N1	21-JUN-2009 21:43:58	Twilight	22.500	173	4Bet Tri	3.0040	8900.0	45	38216	No
168	GOM_NL__2PRFIN20090621_214746_000000242080_00086_38216_4932.N1	21-JUN-2009 21:47:46	Twilight	23.500	50	13Alp Ari	2.0070	4250.0	47	38216	No
169	GOM_NL__2PRFIN20090621_221033_000000322080_00086_38216_4933.N1	21-JUN-2009 22:10:33	Dark	31.500	84	Alp Phe	2.3970	4500.0	63	38216	No
170	GOM_NL__2PRFIN20090621_221658_000000362080_00087_38217_4936.N1	21-JUN-2009 22:16:58	Dark	35.500	63	Bet Gru	2.1500	2800.0	71	38217	No
171	GOM_NL__2PRFIN20090621_221902_000000352080_00087_38217_4937.N1	21-JUN-2009 22:19:02	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38217	No
172	GOM_NL__2PRFIN20090621_223136_000000282080_00087_38217_4938.N1	21-JUN-2009 22:31:36	Twilight	28.000	38	20Eps Sgr	1.8360	11000.	56	38217	No
173	GOM_NL__2PRFIN20090621_223302_000000282080_00087_38217_4939.N1	21-JUN-2009 22:33:02	Twilight	28.000	116	19Del Sgr	2.7000	4100.0	56	38217	No
174	GOM_NL__2PRFIN20090621_224411_000000292080_00087_38217_4940.N1	21-JUN-2009 22:44:11	Twilight	29.000	126	60Bet Oph	2.7700	4250.0	58	38217	No
175	GOM_NL__2PRFIN20090621_224637_000000292080_00087_38217_4941.N1	21-JUN-2009 22:46:37	Bright	29.000	59	55Alp Oph	2.0800	8900.0	58	38217	No
176	GOM_NL__2PRFIN20090621_225818_000000282080_00087_38217_4942.N1	21-JUN-2009 22:58:18	Bright	28.000	130	23Bet Dra	2.7990	5800.0	56	38217	No
177	GOM_NL__2PRFIN20090621_231535_000000252080_00087_38217_4943.N1	21-JUN-2009 23:15:35	Twilight	25.000	76	27Gam Cas	2.3000	30000.	50	38217	No
178	GOM_NL__2PRFIN20090621_232211_000000232080_00087_38217_4944.N1	21-JUN-2009 23:22:11	Twilight	23.000	73	57Gam1And	2.2600	13100.	46	38217	No
179	GOM_NL__2PRFIN20090621_232434_000000232080_00087_38217_4945.N1	21-JUN-2009 23:24:34	Twilight	22.500	173	4Bet Tri	3.0040	8900.0	45	38217	No
180	GOM_NL__2PRFIN20090621_232822_000000232080_00087_38217_4946.N1	21-JUN-2009 23:28:22	Twilight	23.000	50	13Alp Ari	2.0070	4250.0	46	38217	No
181	GOM_NL__2PRFIN20090621_235110_000000322080_00087_38217_4947.N1	21-JUN-2009 23:51:10	Dark	32.000	84	Alp Phe	2.3970	4500.0	64	38217	No
182	GOM_NL__2PRFIN20090621_235735_000000352080_00088_38218_4956.N1	21-JUN-2009 23:57:35	Dark	35.000	63	Bet Gru	2.1500	2800.0	70	38218	No
183	GOM_NL__2PRFIN20090621_235939_000000352080_00088_38218_4957.N1	21-JUN-2009 23:59:39	Straylight	34.500	31	Alp Gru	1.7340	15200.	69	38218	No

3. Quality information per product

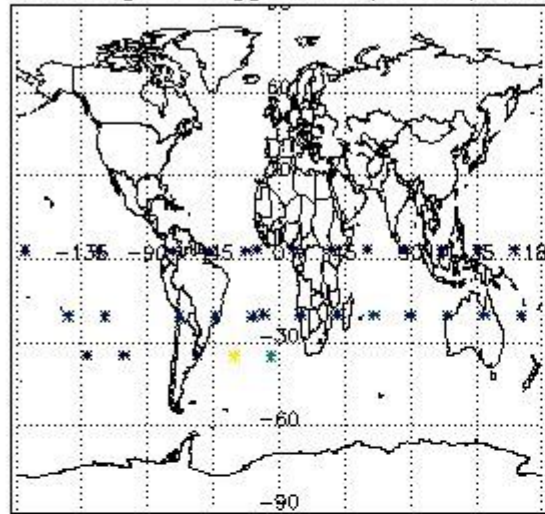
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

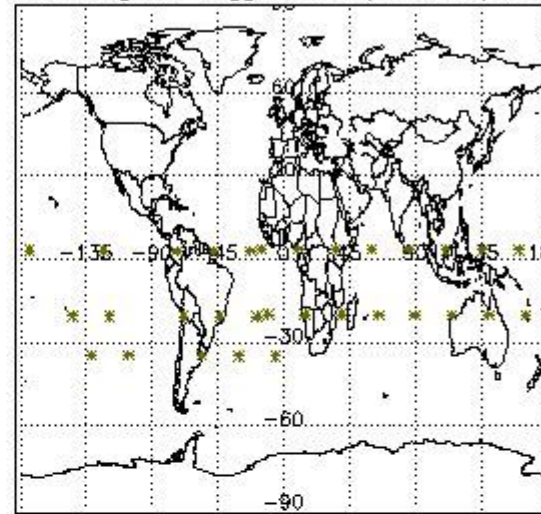


3.2 Plot quality information per product (world map)

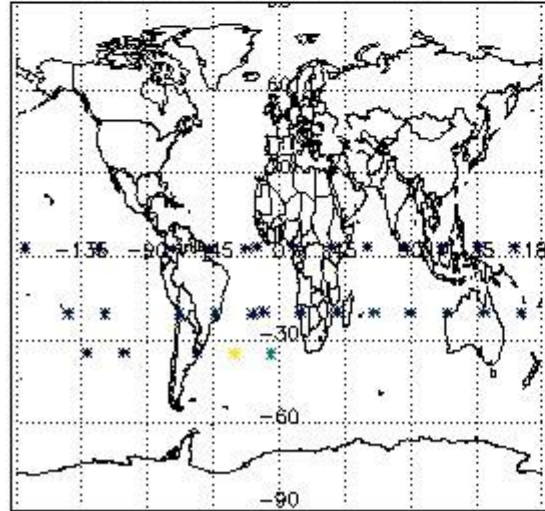
Percentage of flagged data per O3 profile



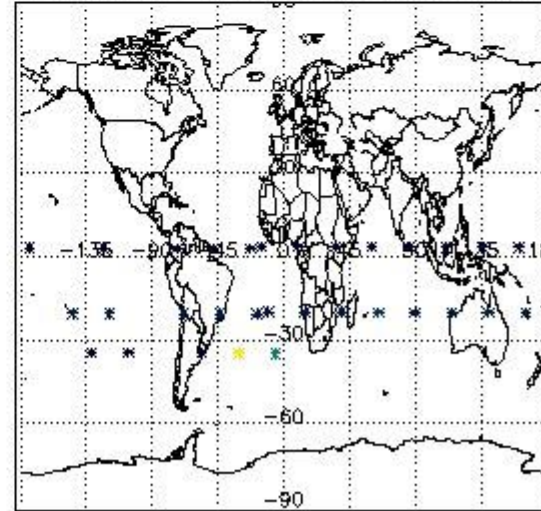
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

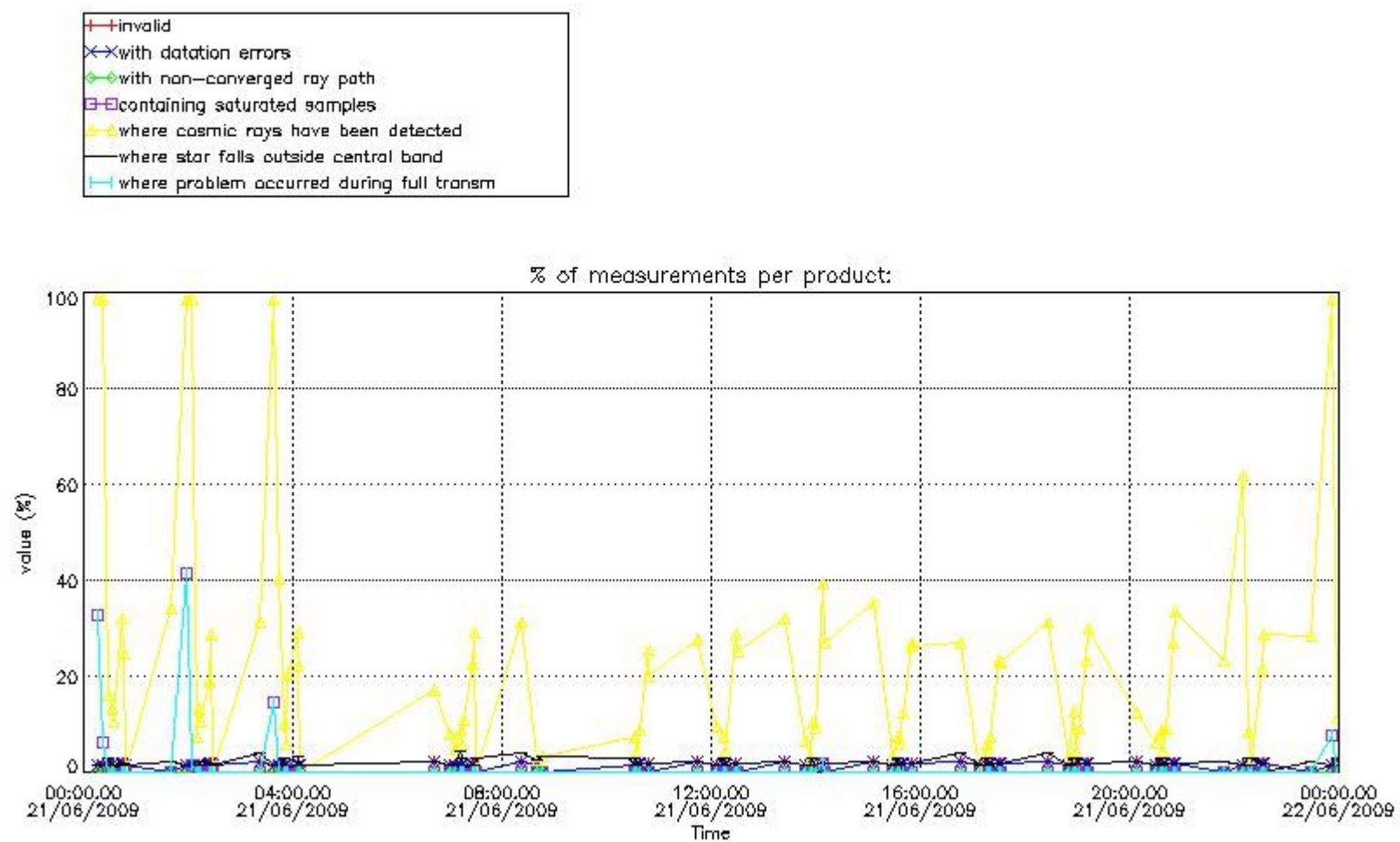


4. Level 1 quality information per product

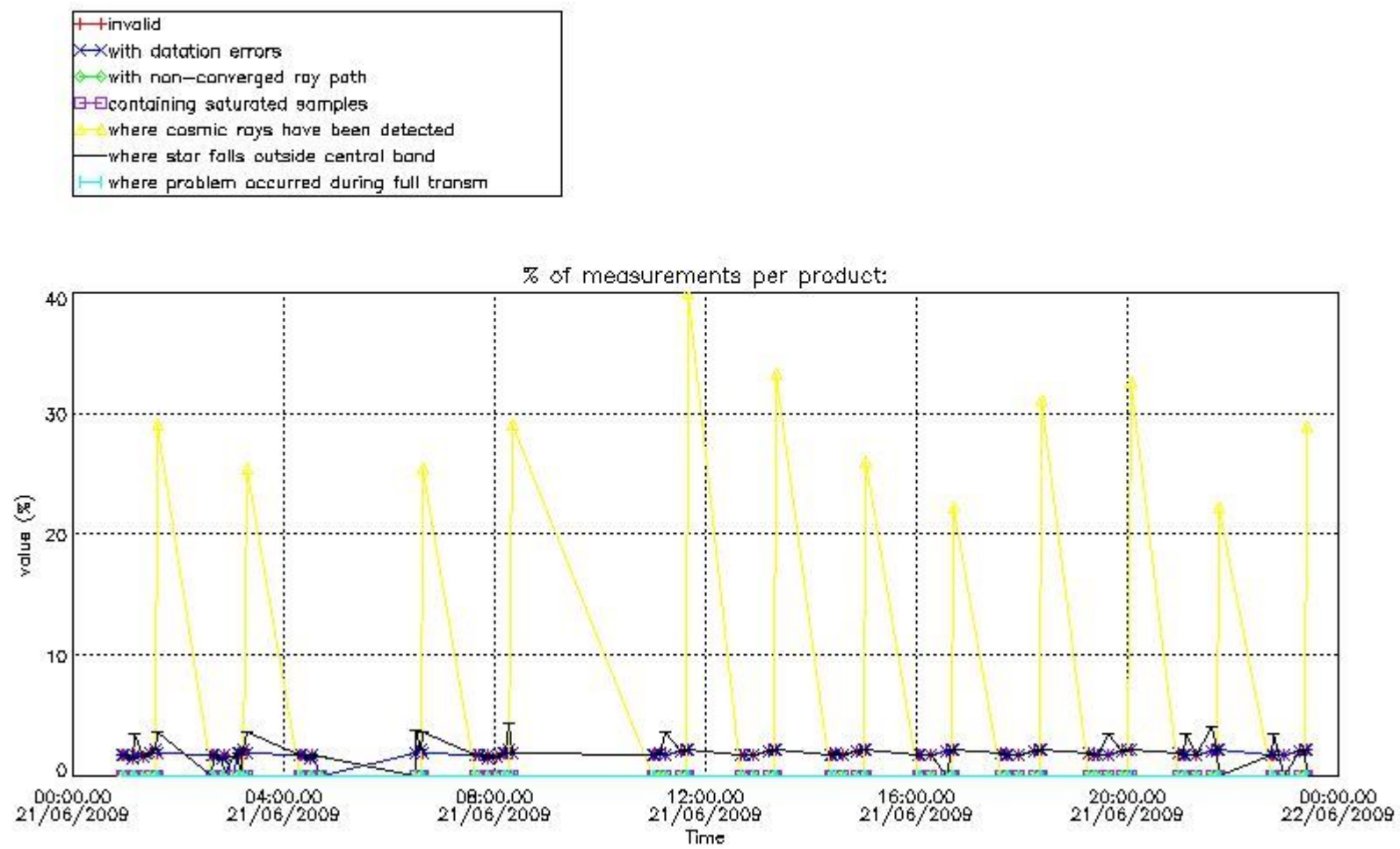
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



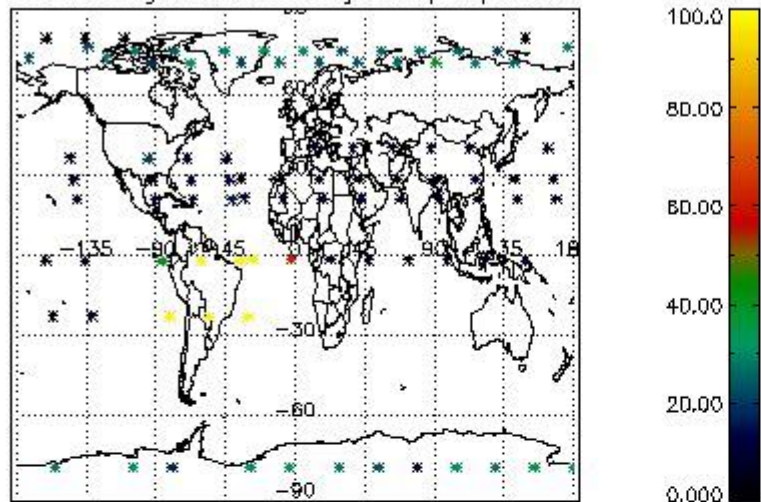
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



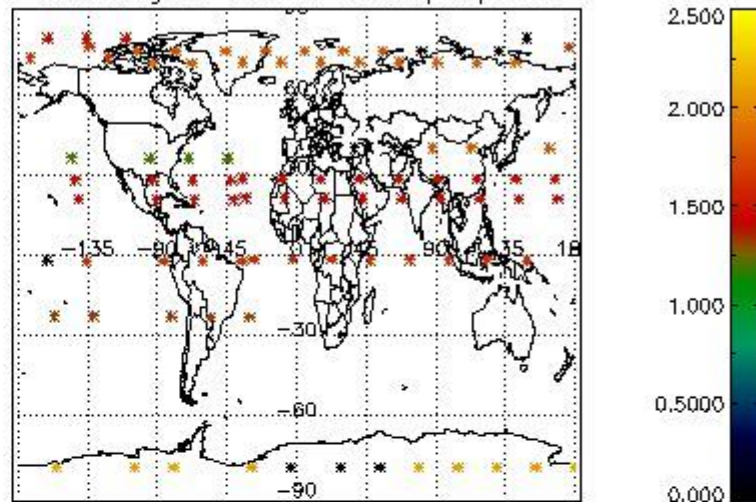
4.2 Plot quality information per product coming from level 1b processing (world map)

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

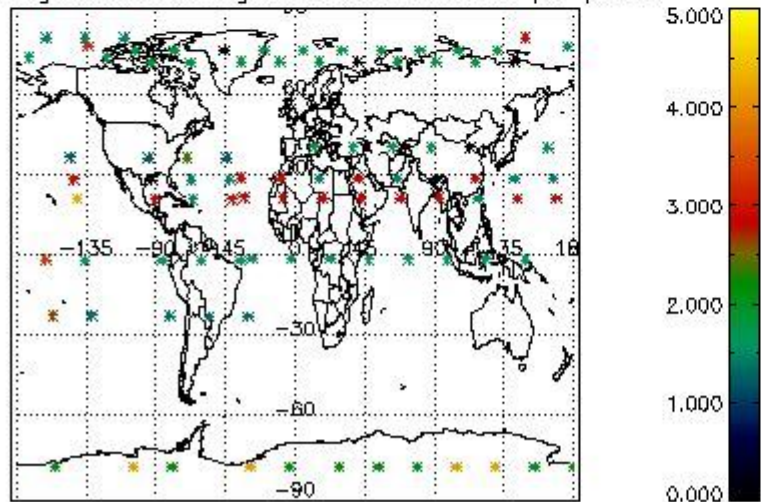
Percentage of cosmic ray hits per profile



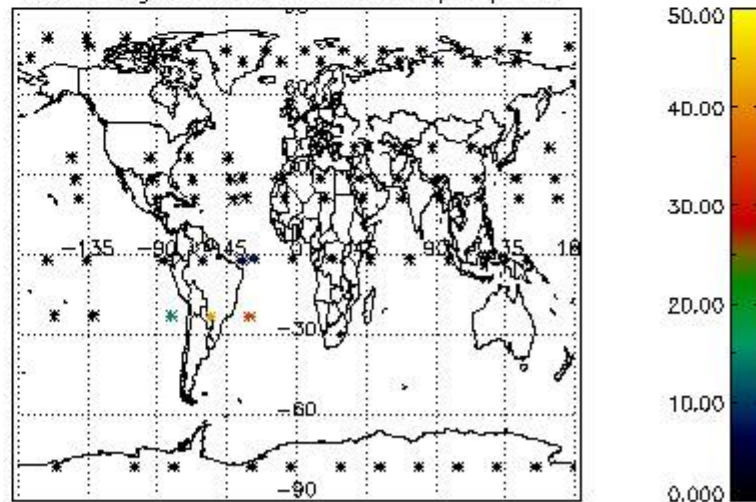
Percentage of datation errors per profile



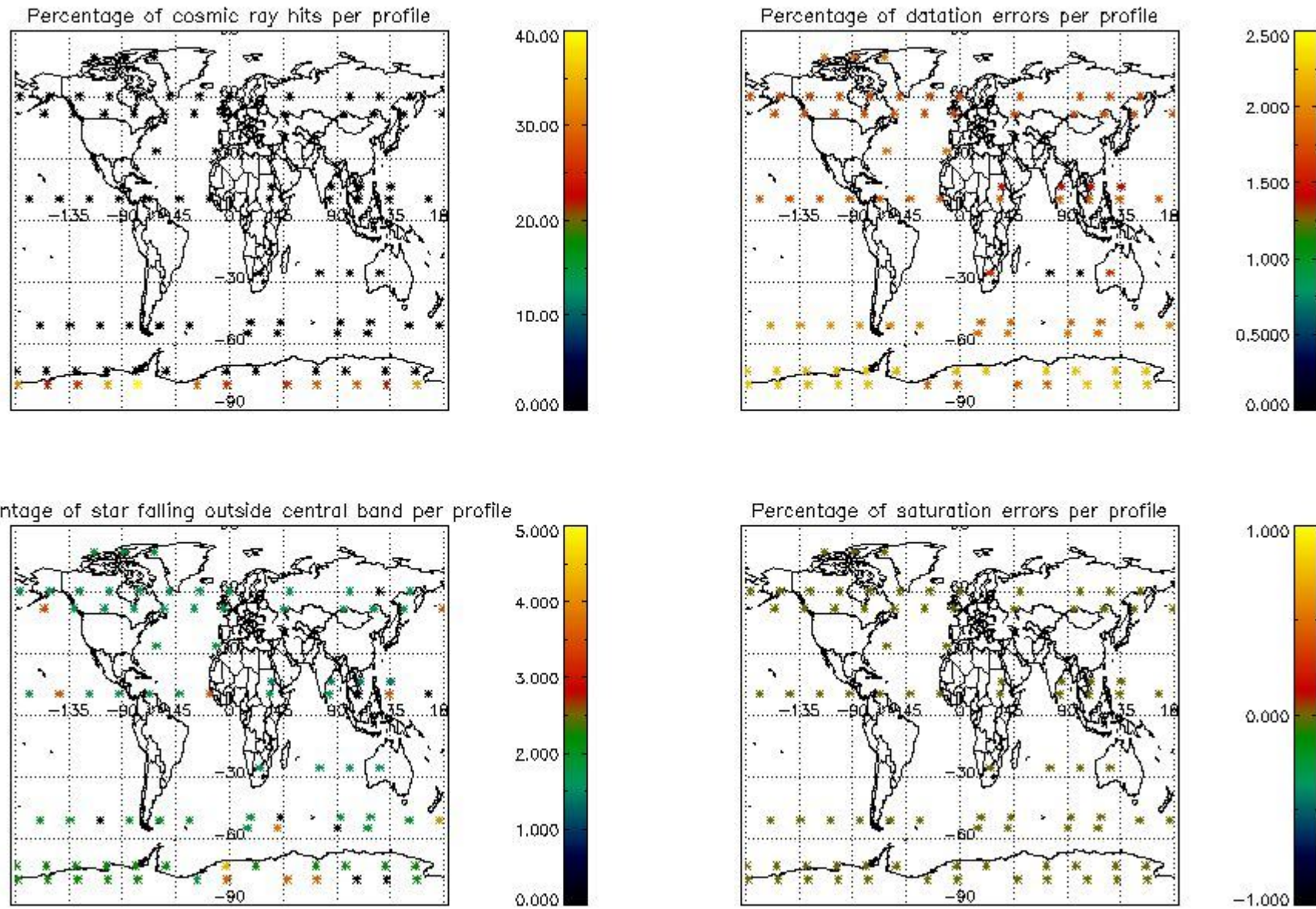
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

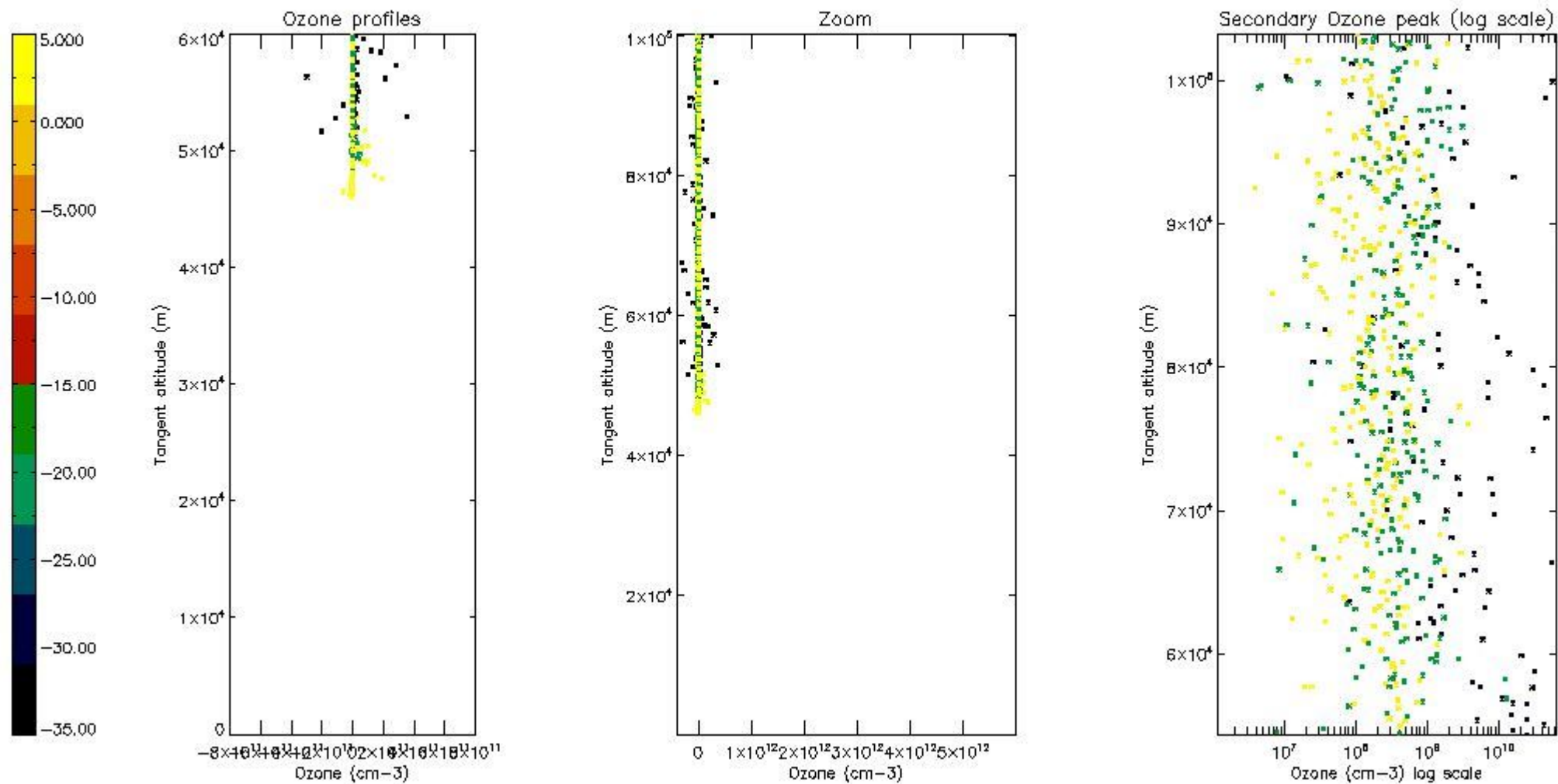
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	20
STD < 20	0

STD < 10	0
STD < 5	0

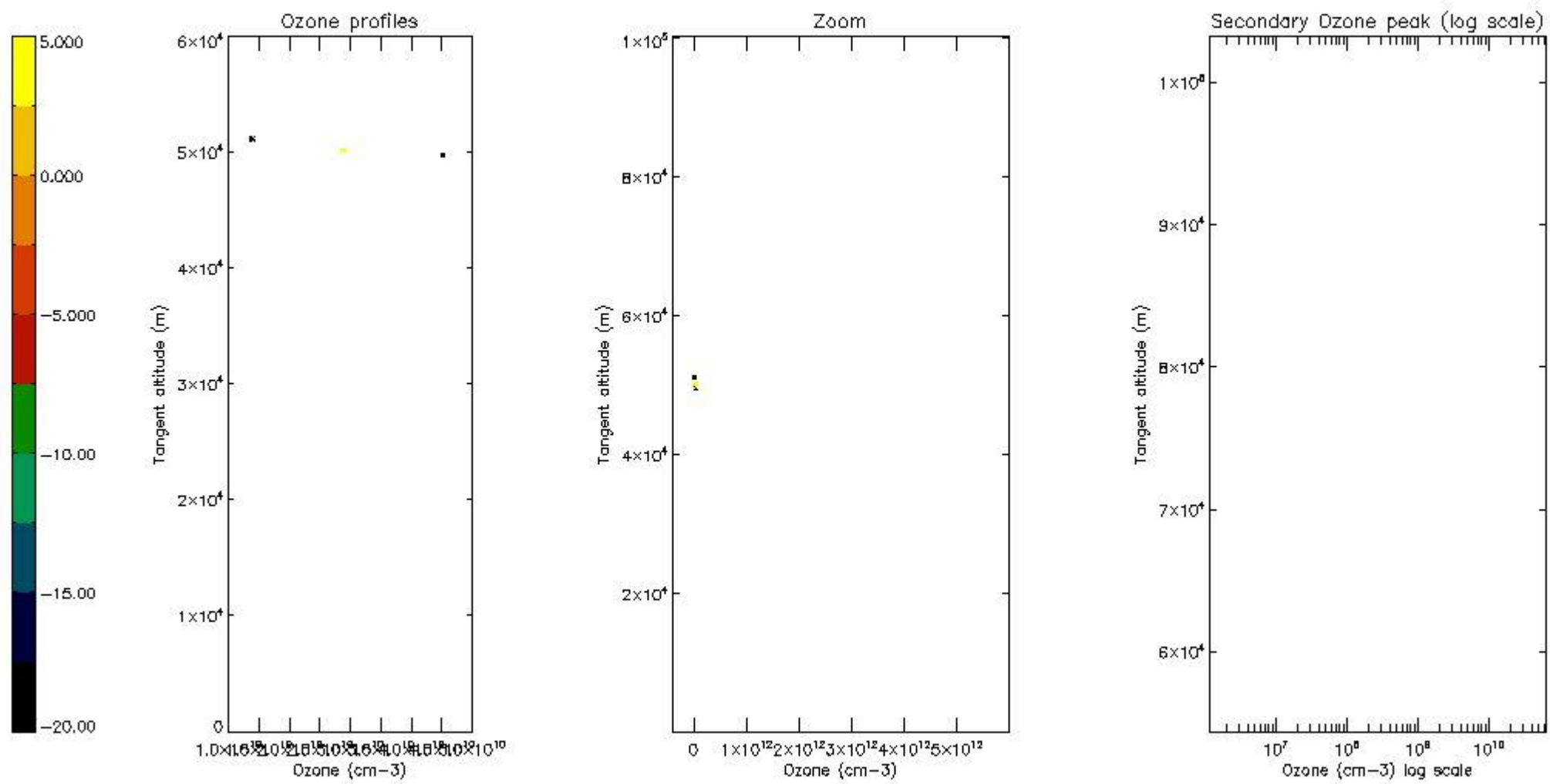
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



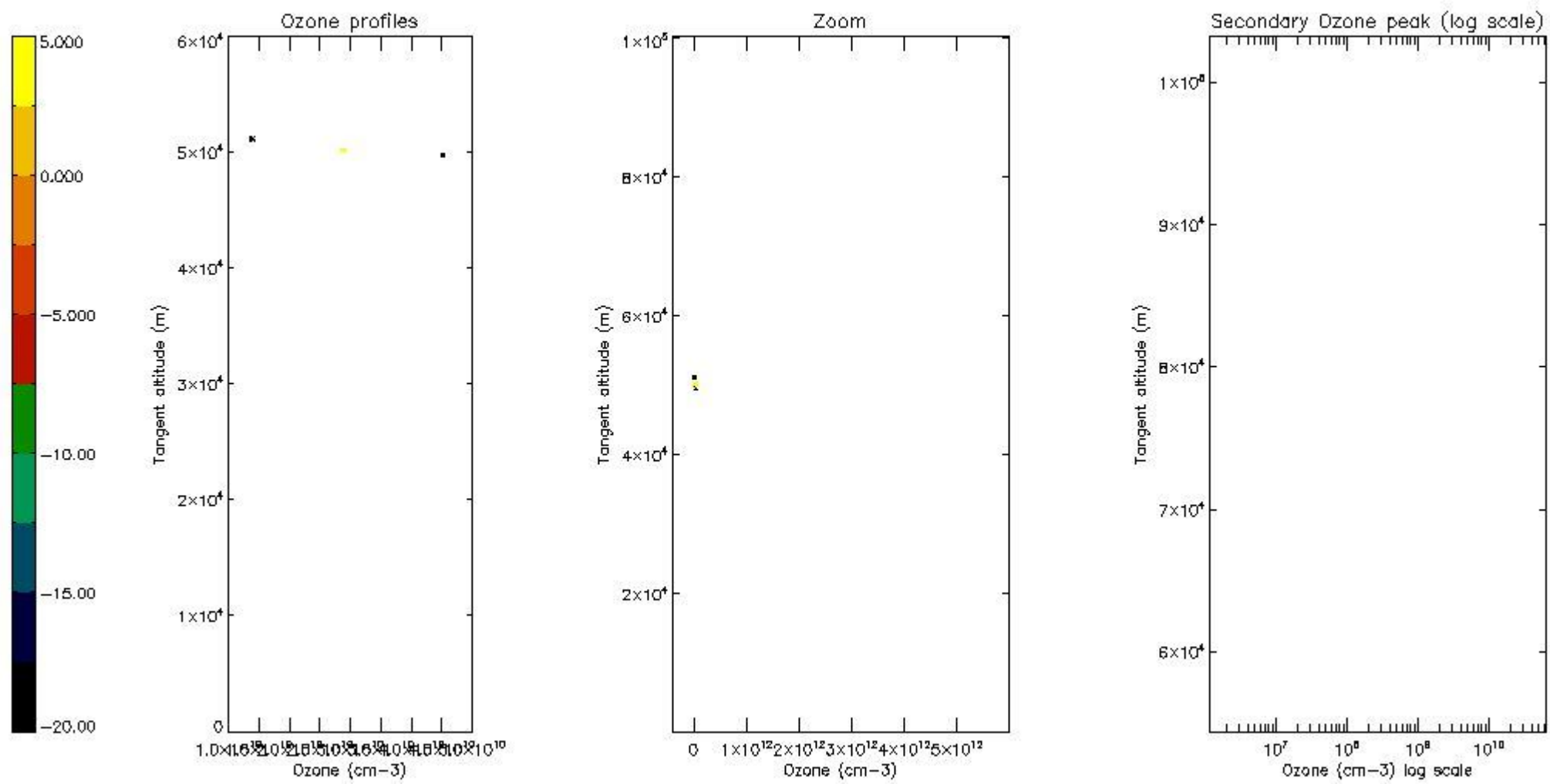
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



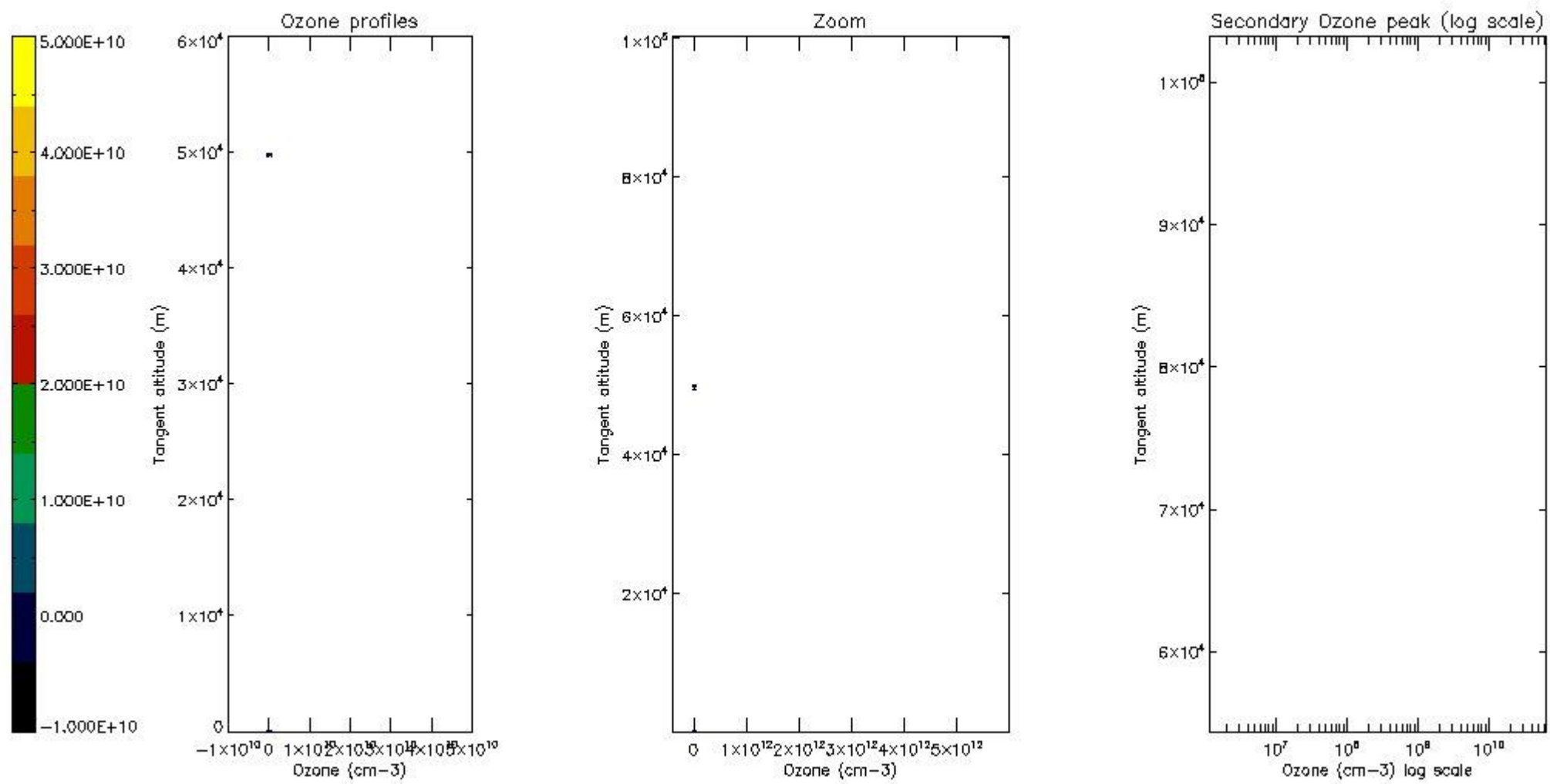
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



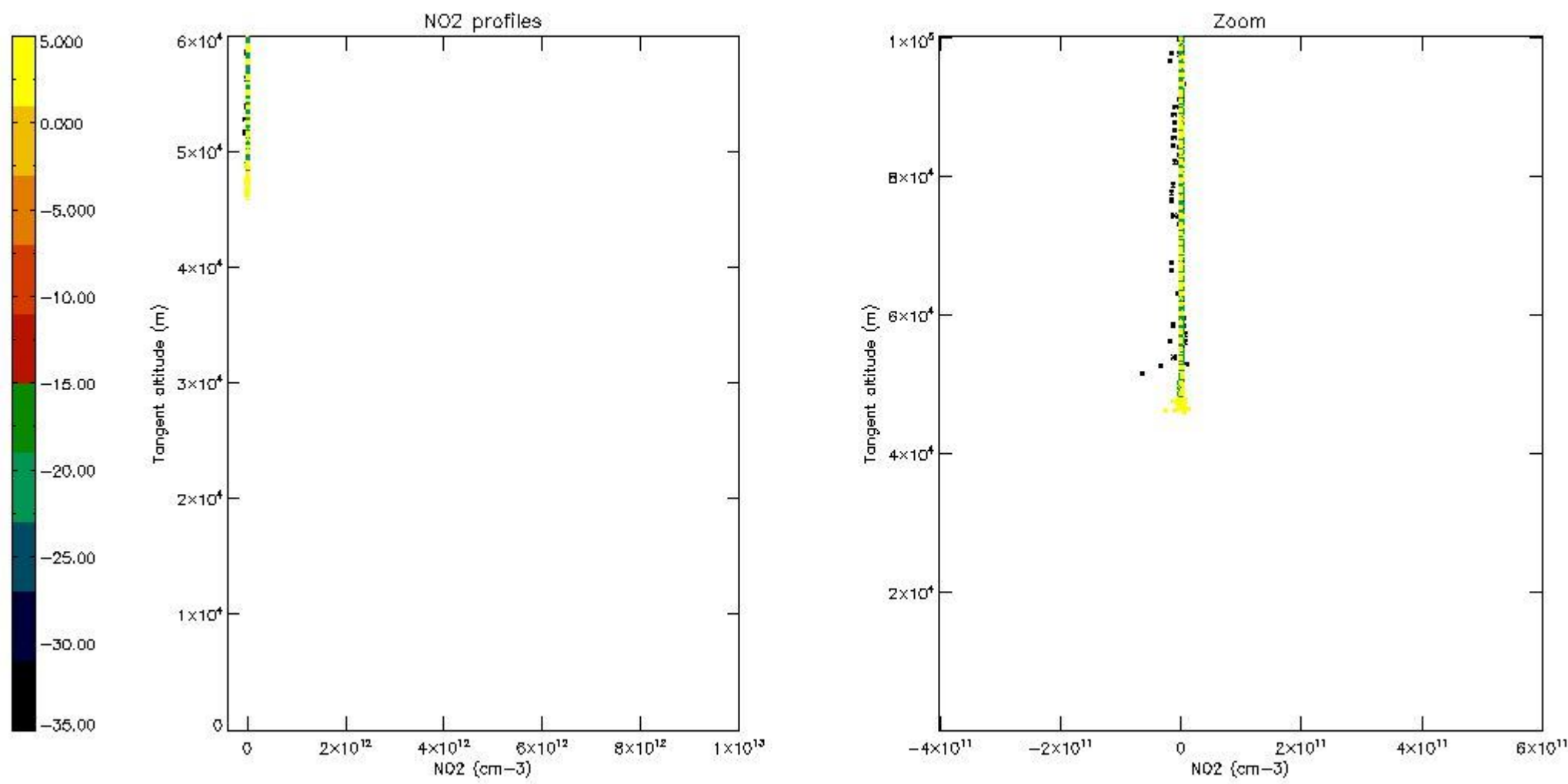
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



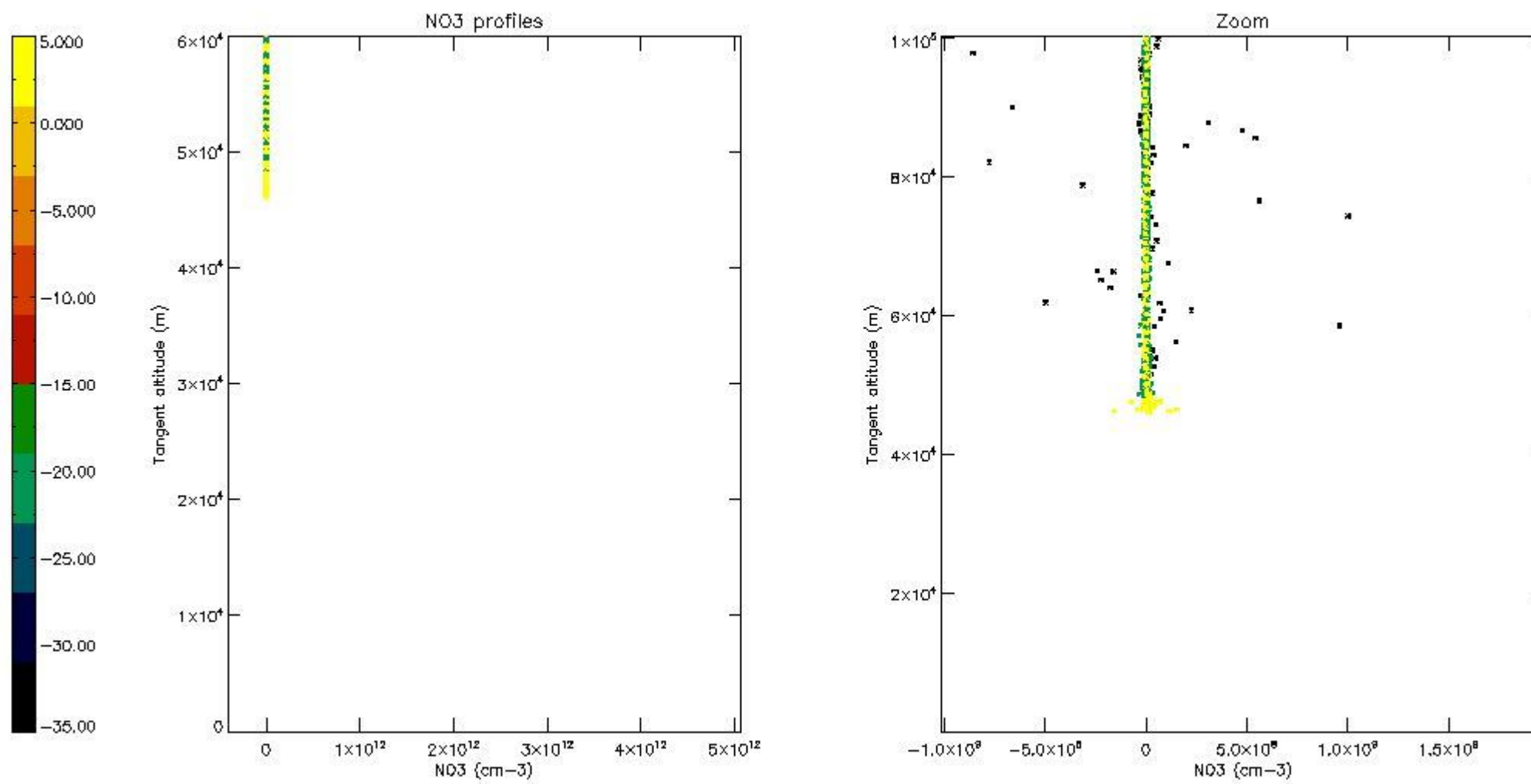
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

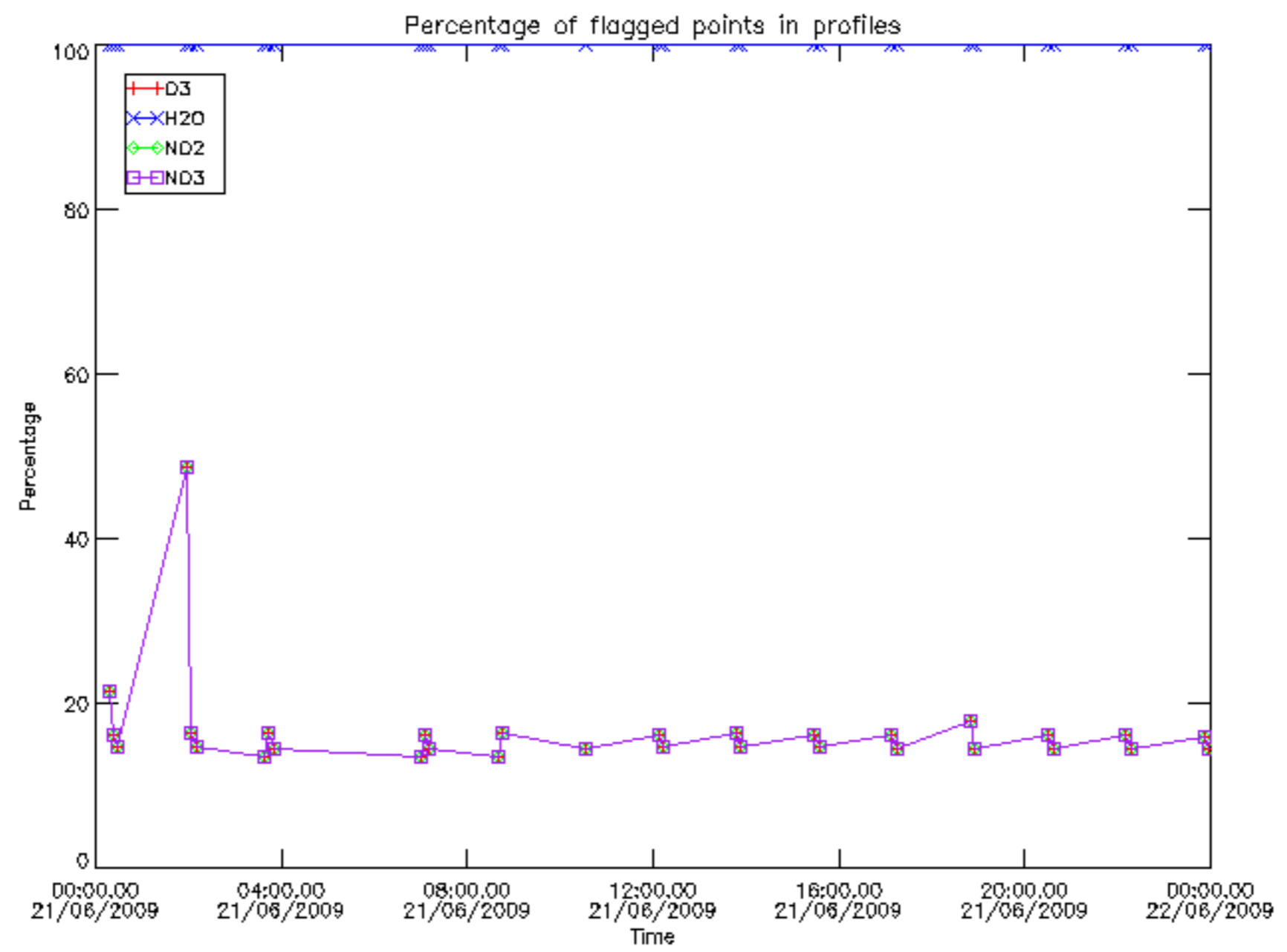
The colorbar represents the latitude.



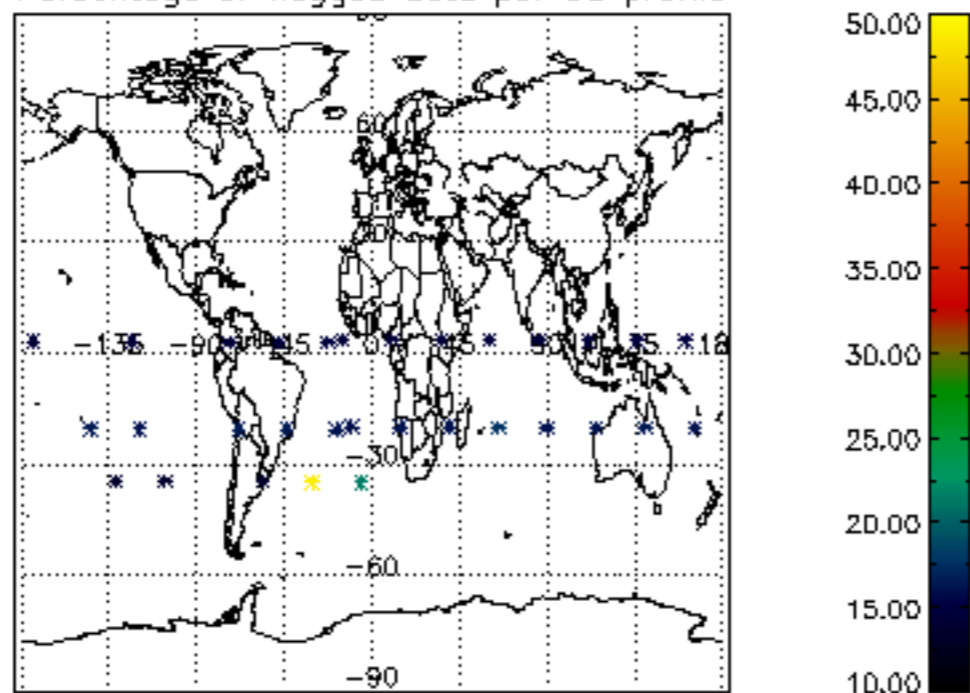
6. Auxiliary Data Files used for the production reported in section 2

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.

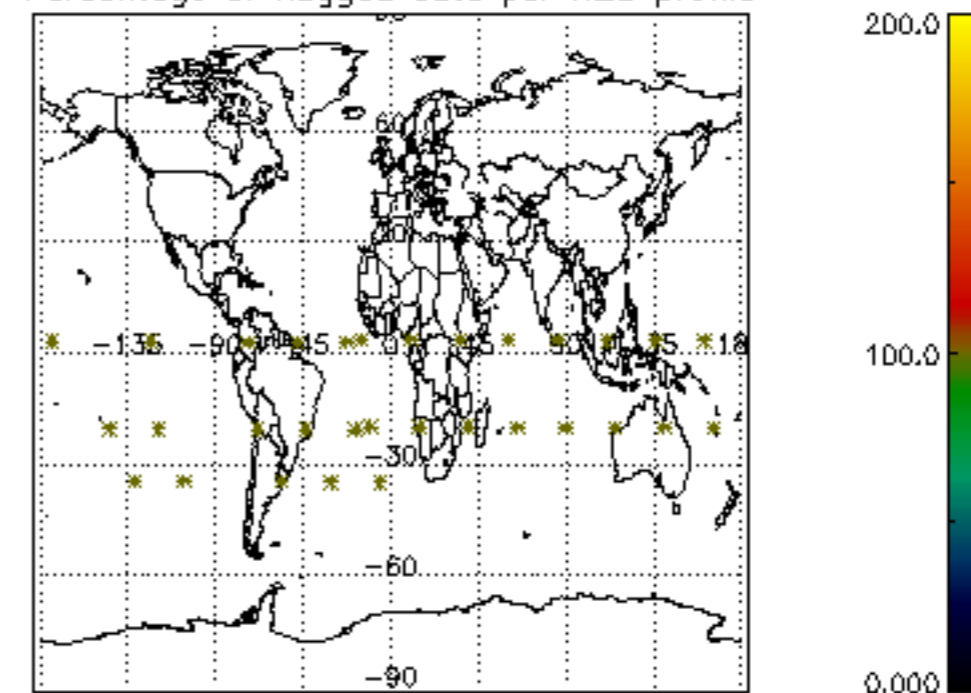
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-JUN-2009 00:16:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-JUN-2009 00:16:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-JUN-2009 00:16:44



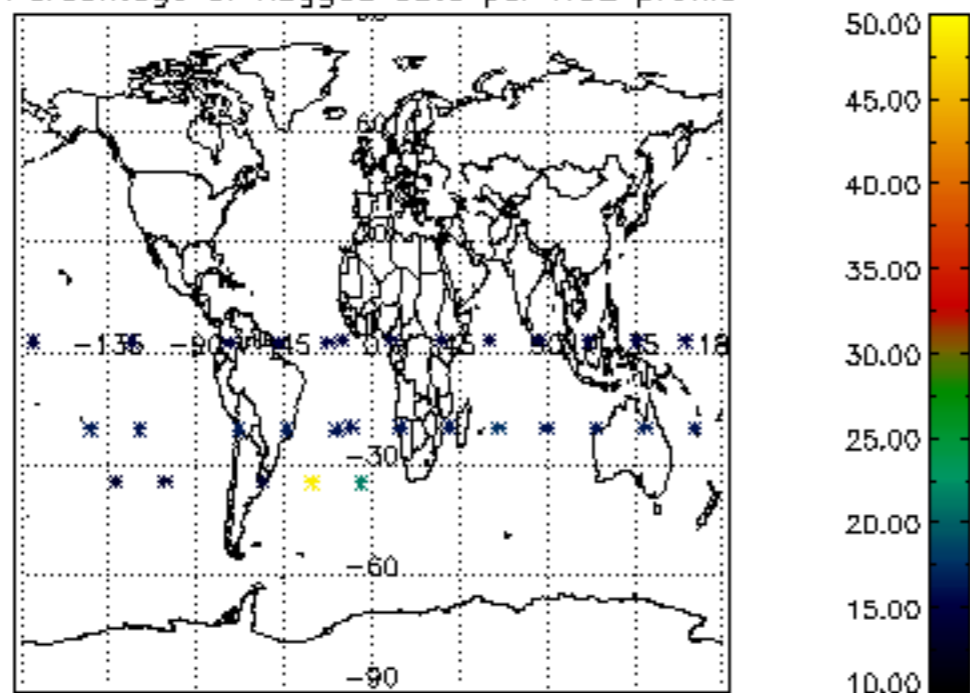
Percentage of flagged data per D3 profile



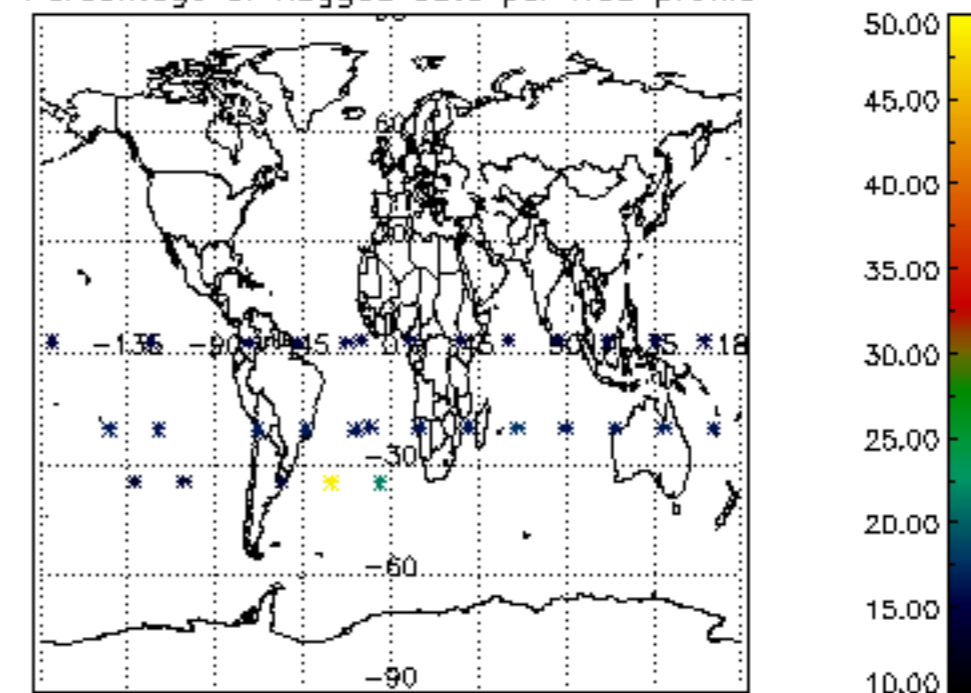
Percentage of flagged data per H2O profile

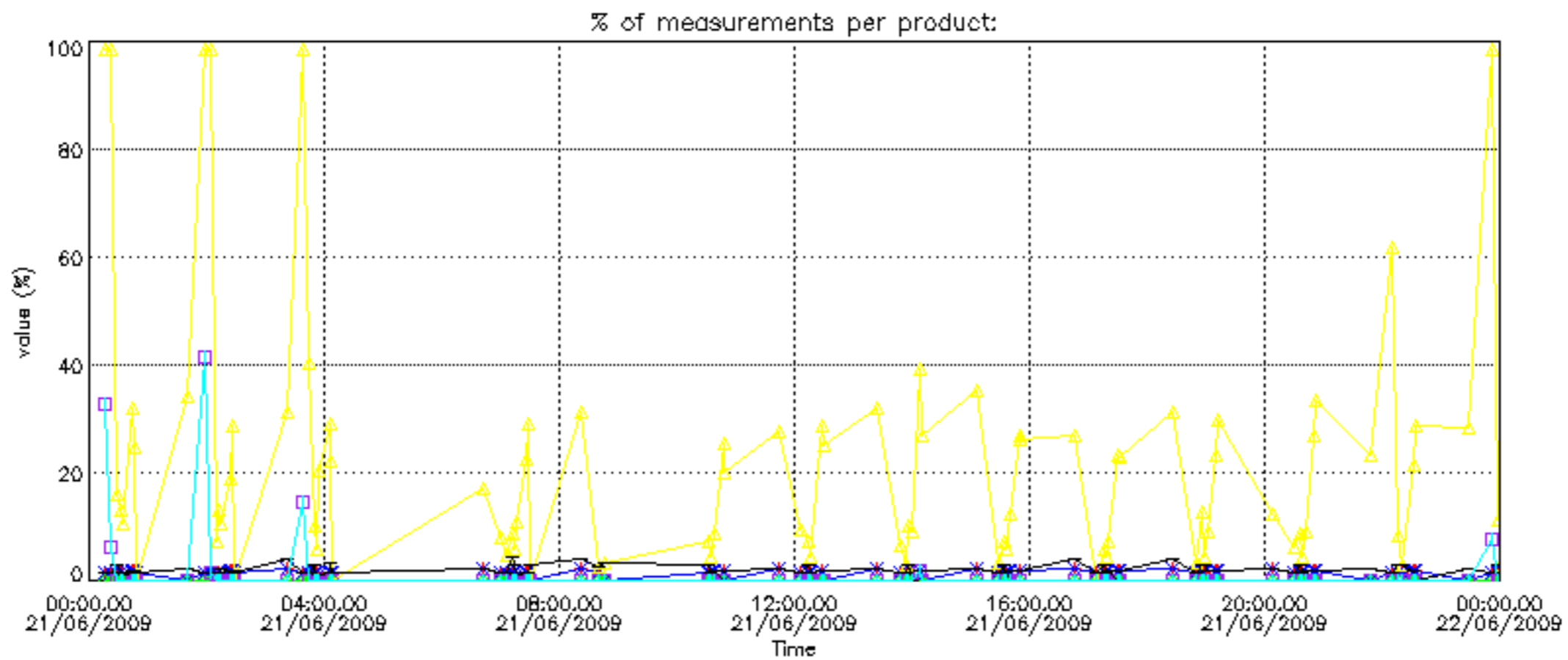


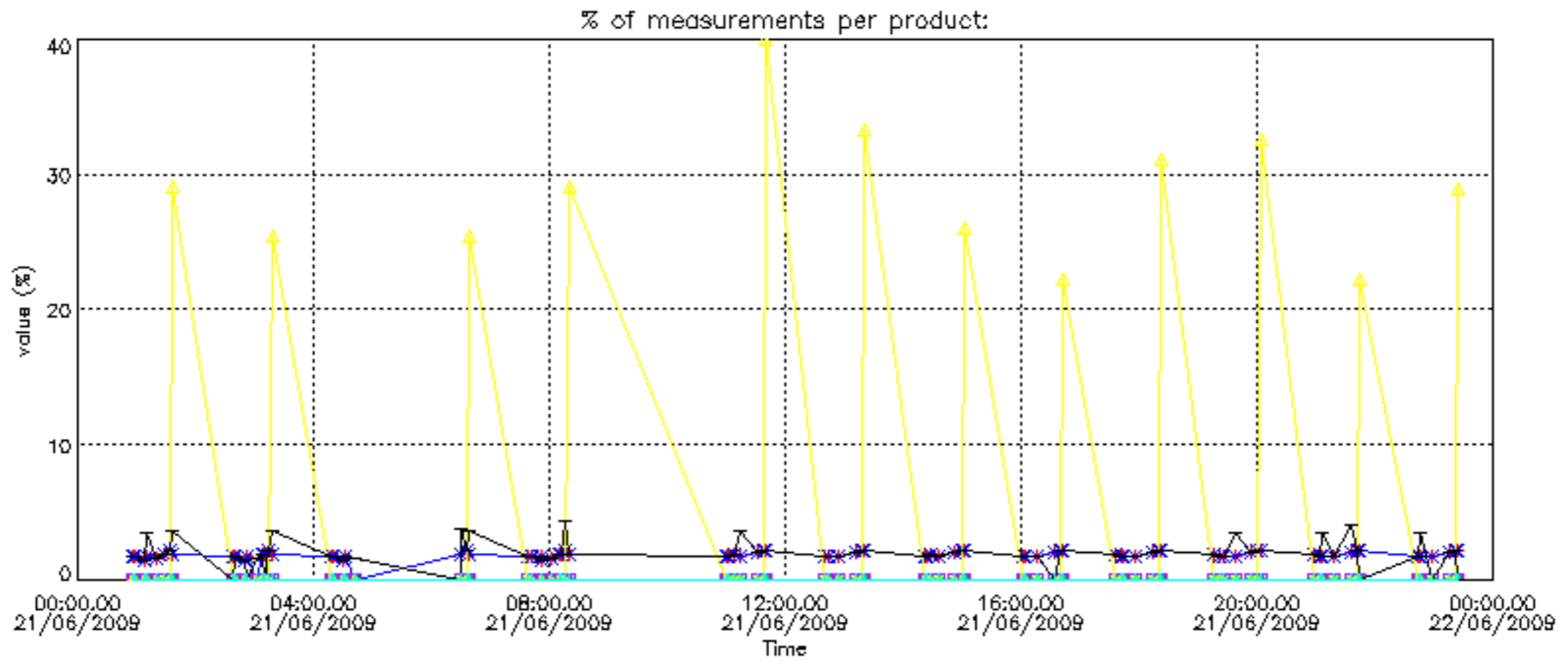
Percentage of flagged data per NO2 profile



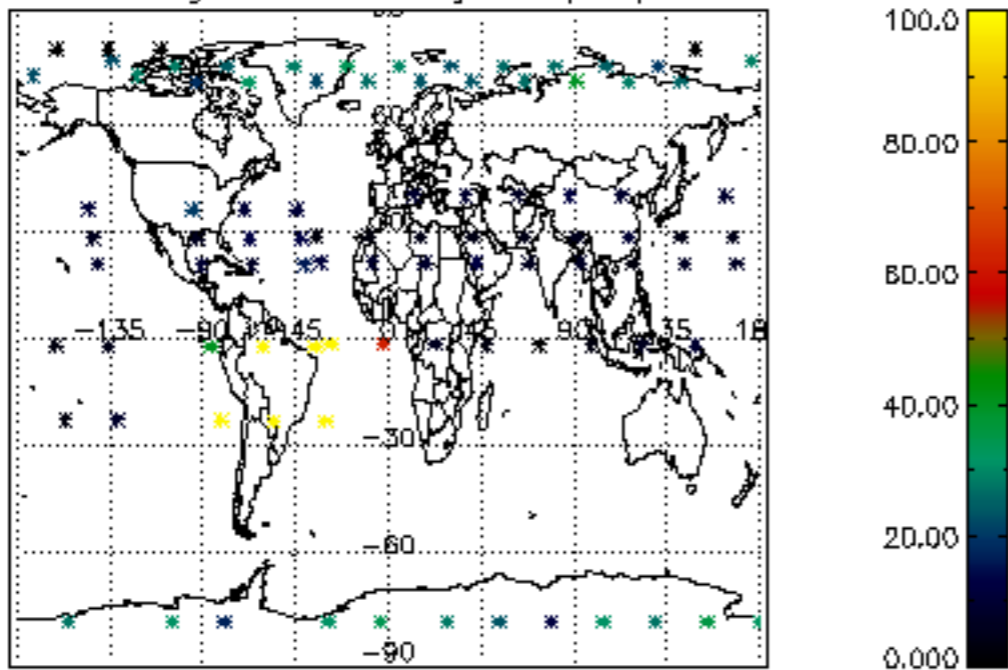
Percentage of flagged data per NO3 profile



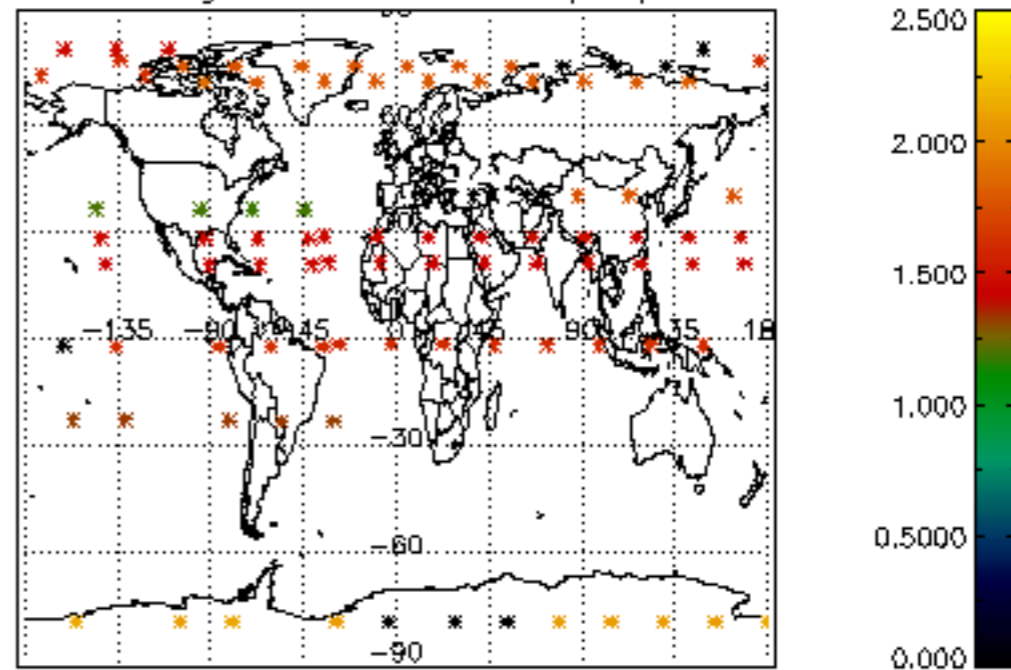




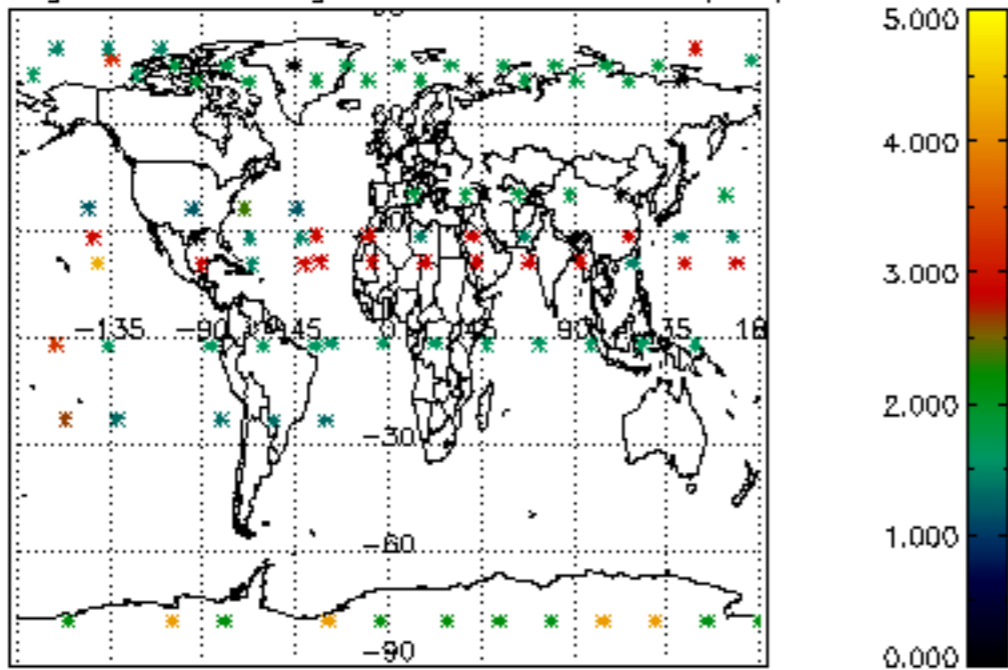
Percentage of cosmic ray hits per profile



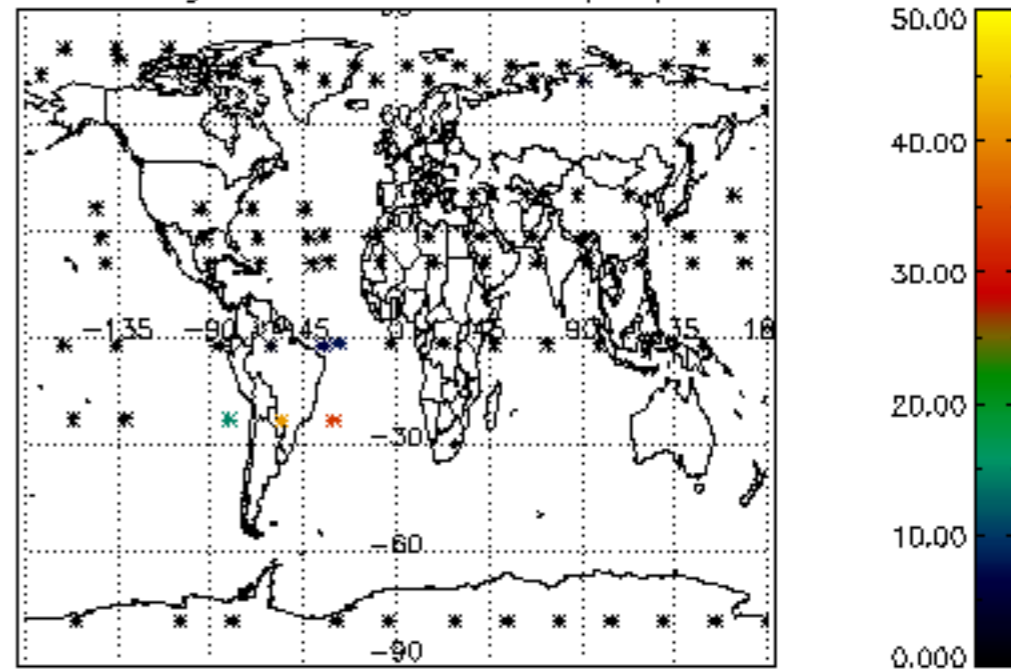
Percentage of datation errors per profile



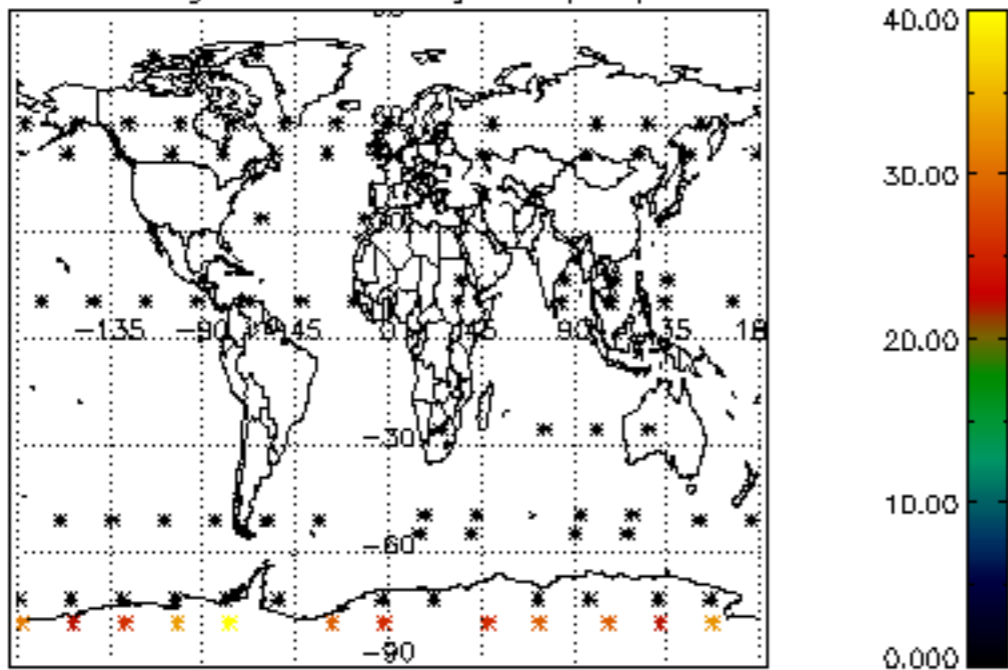
Percentage of star falling outside central band per profile



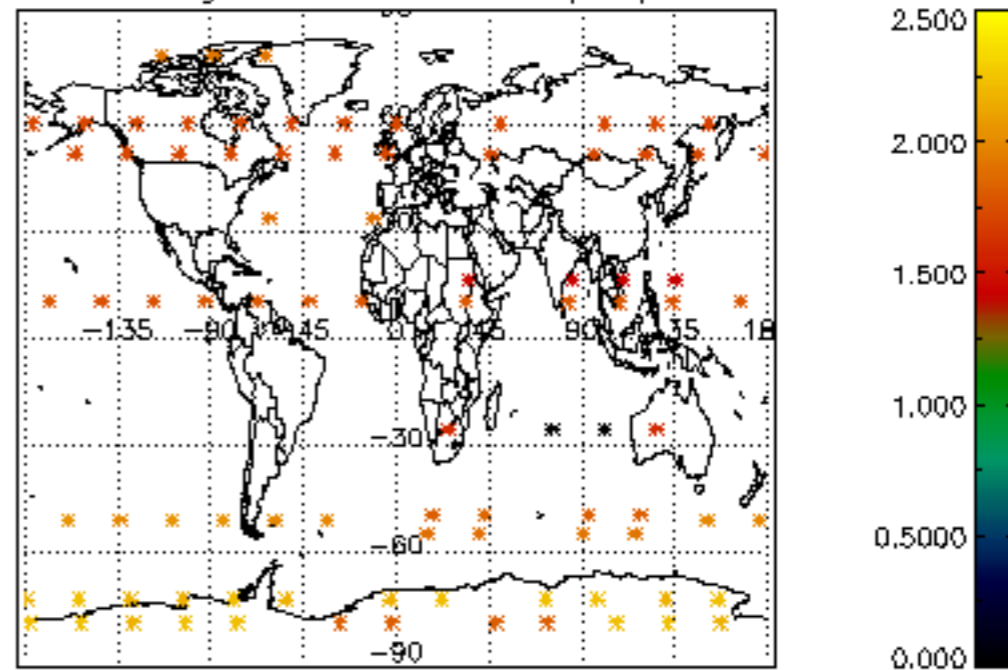
Percentage of saturation errors per profile



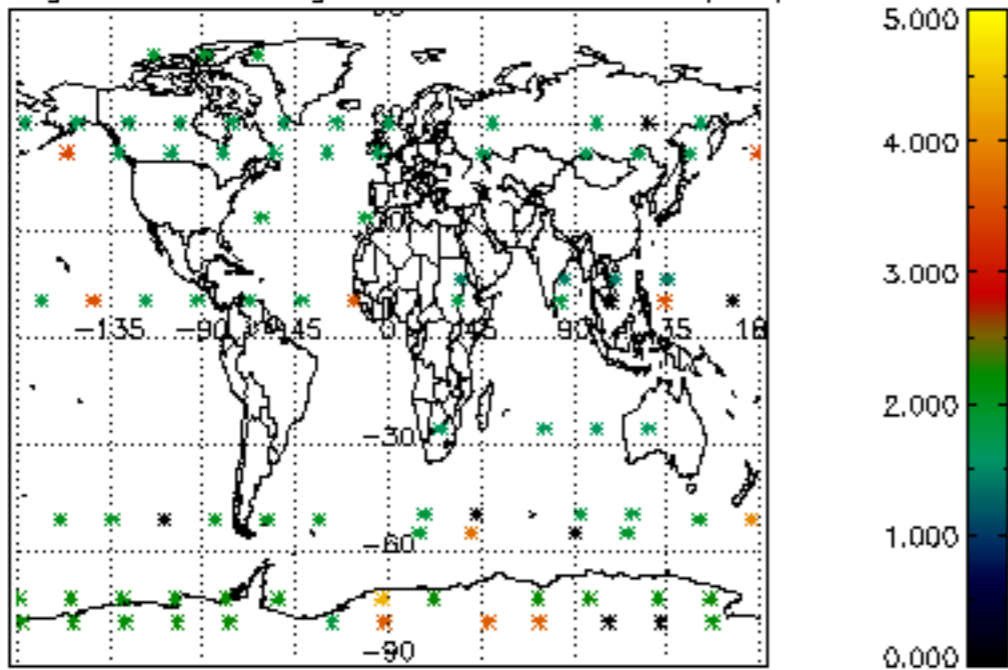
Percentage of cosmic ray hits per profile



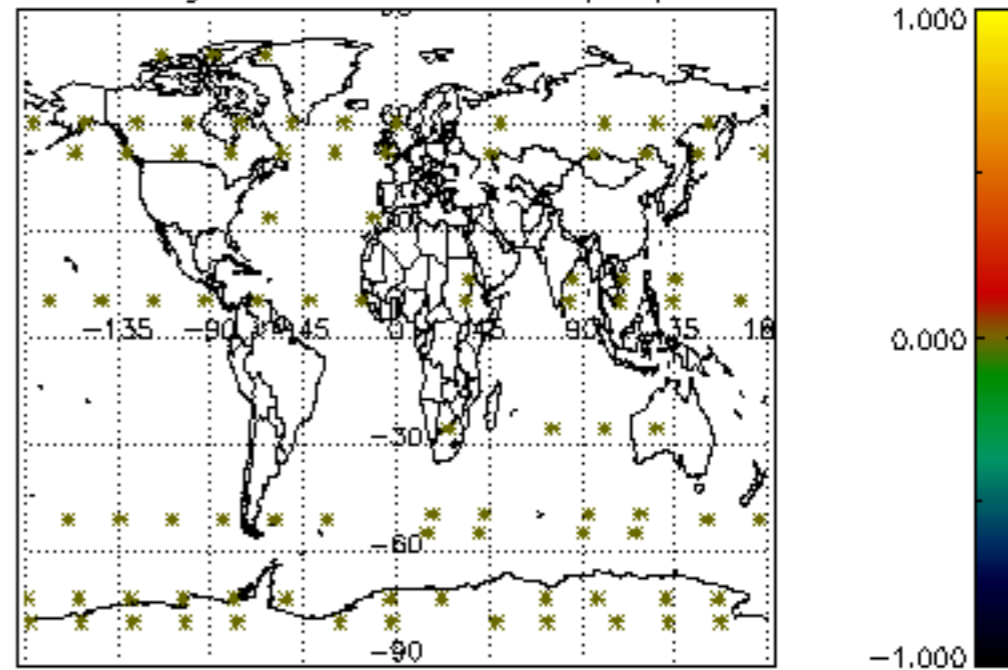
Percentage of datation errors per profile

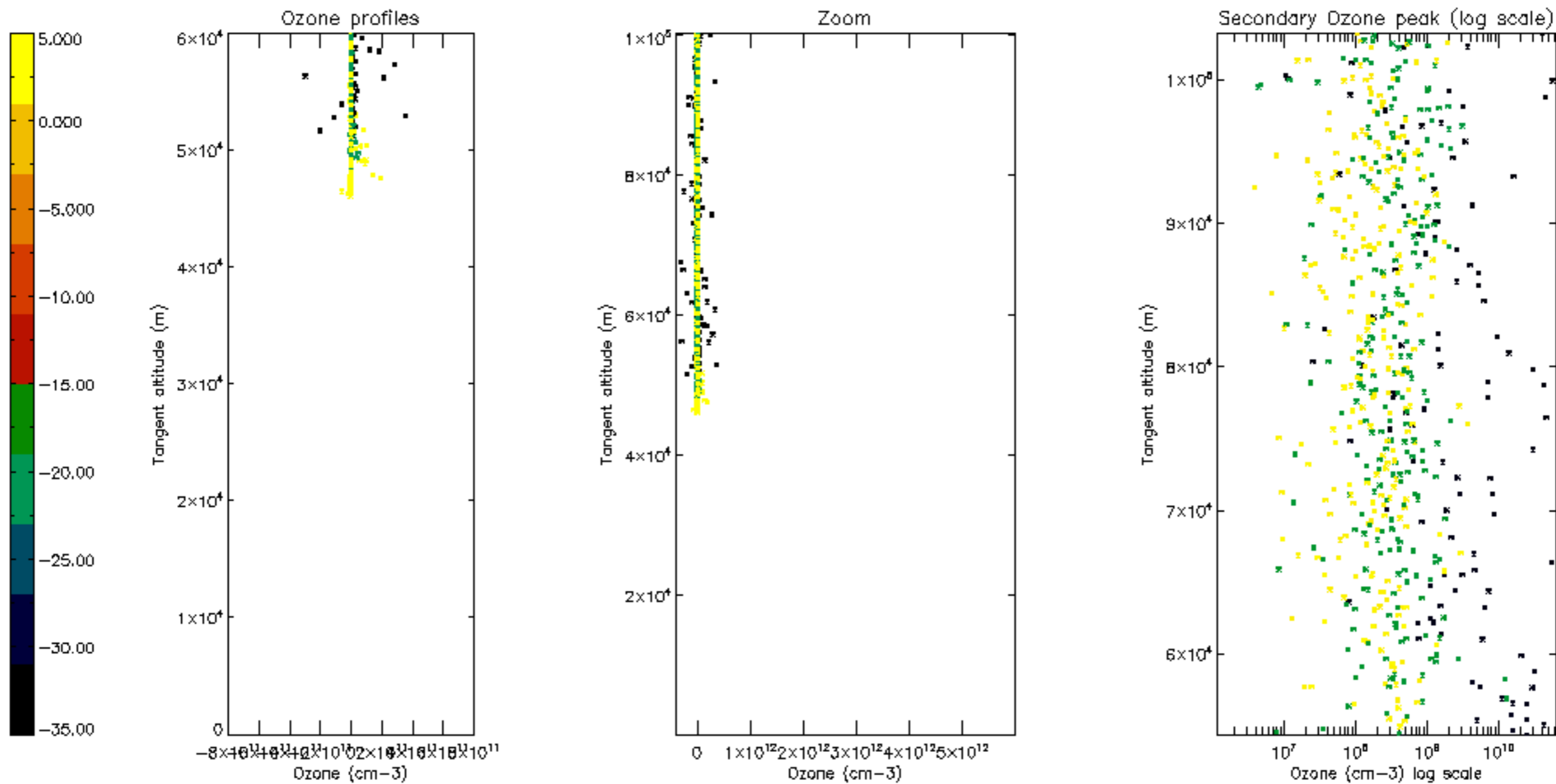


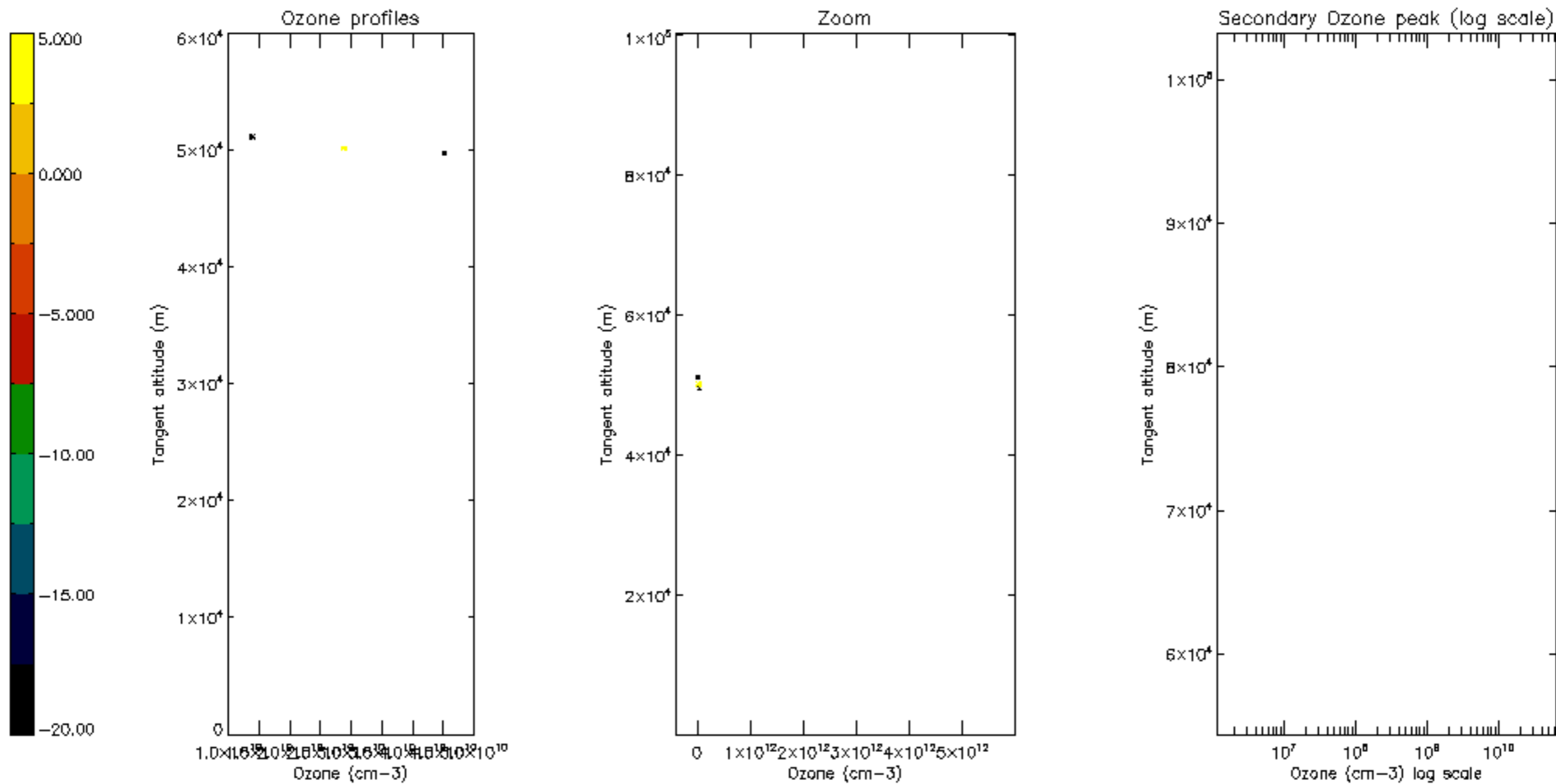
Percentage of star falling outside central band per profile

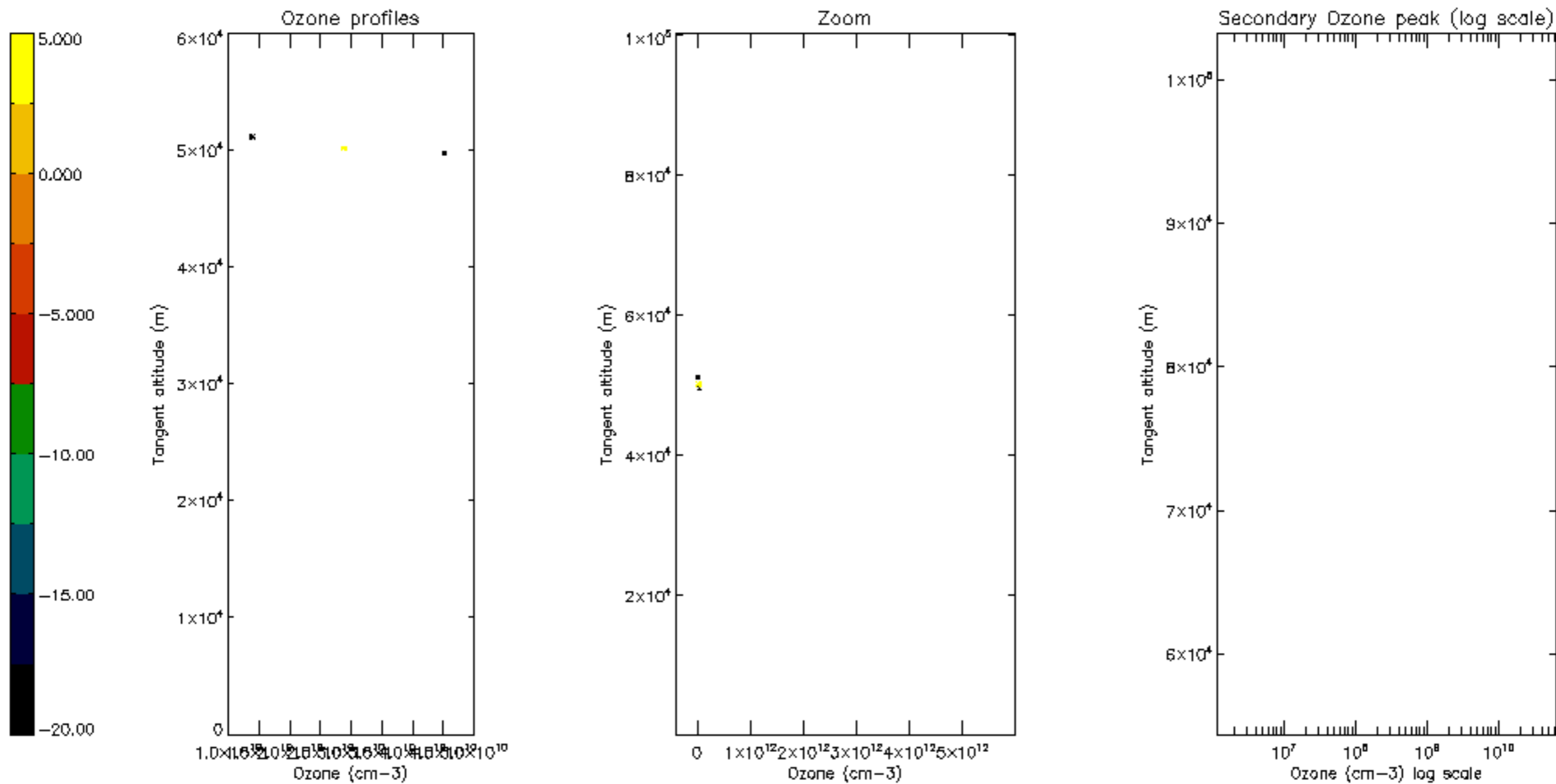


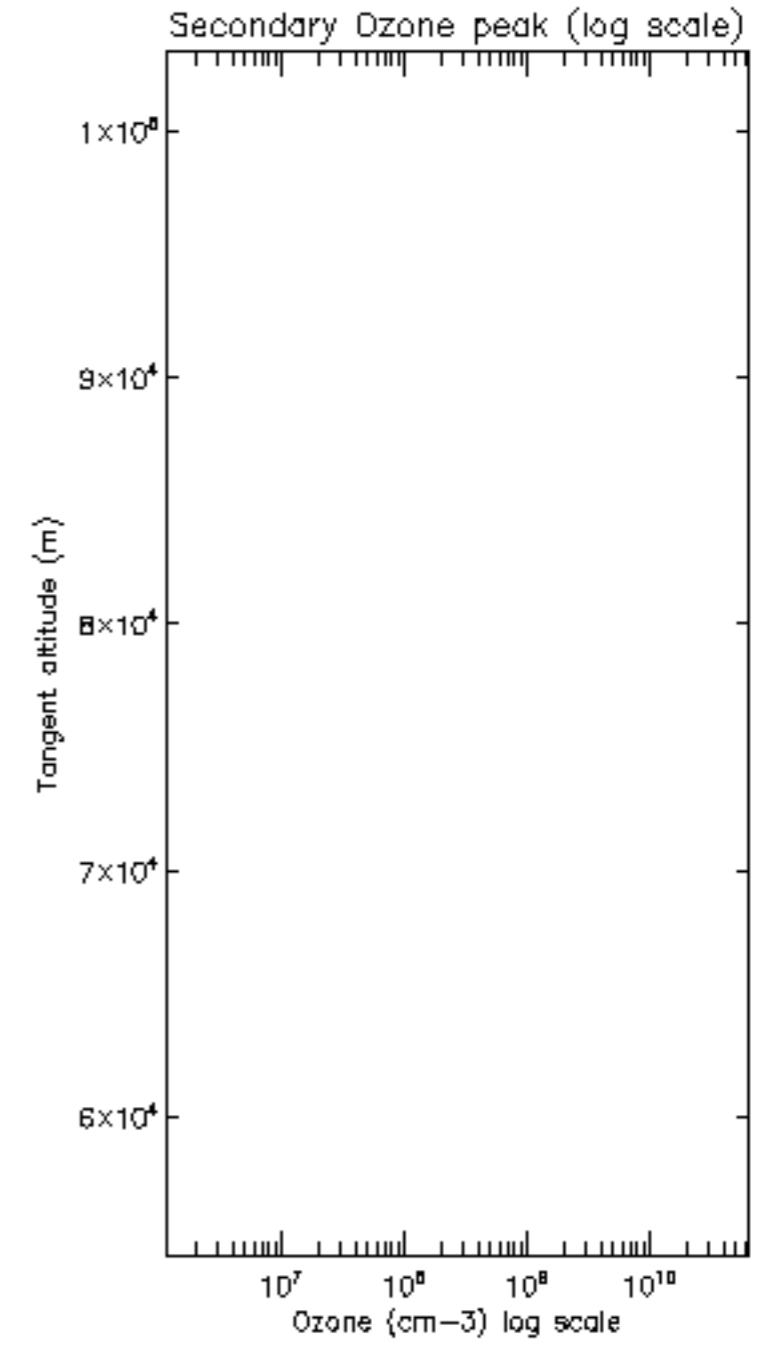
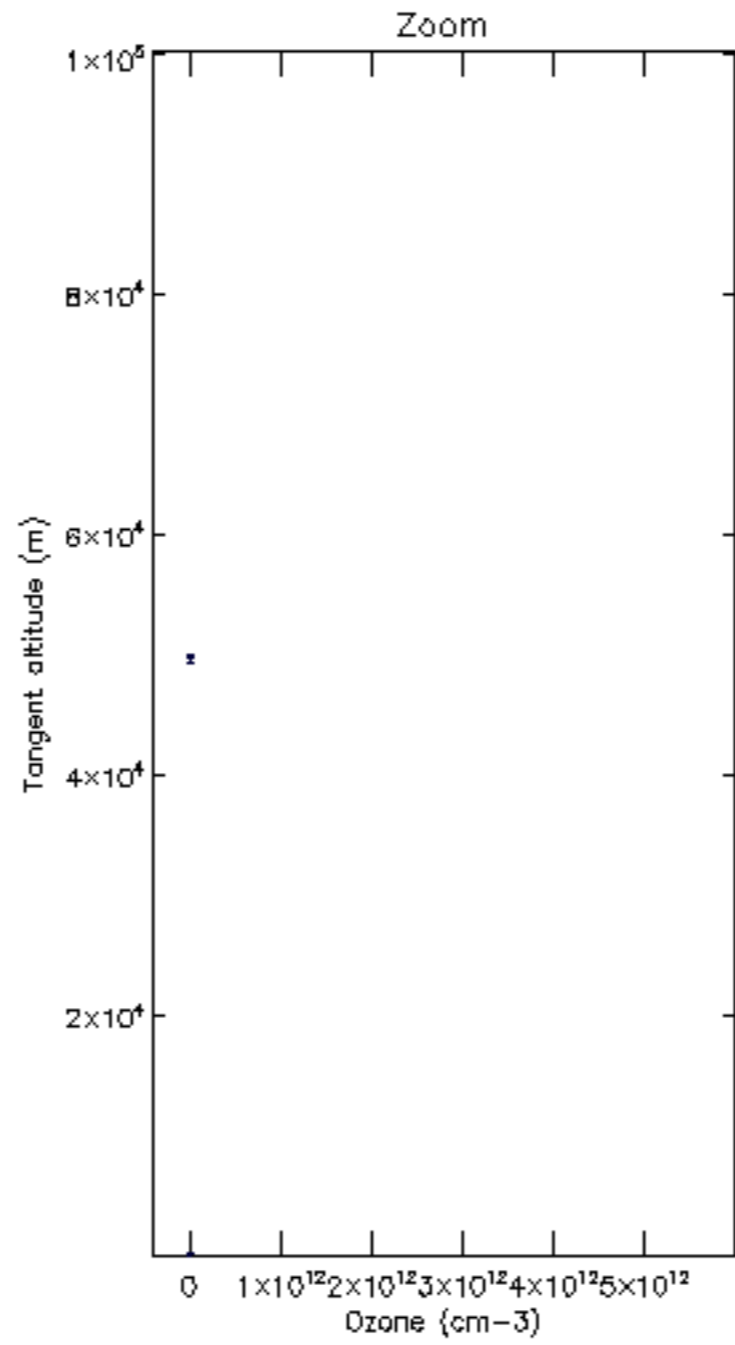
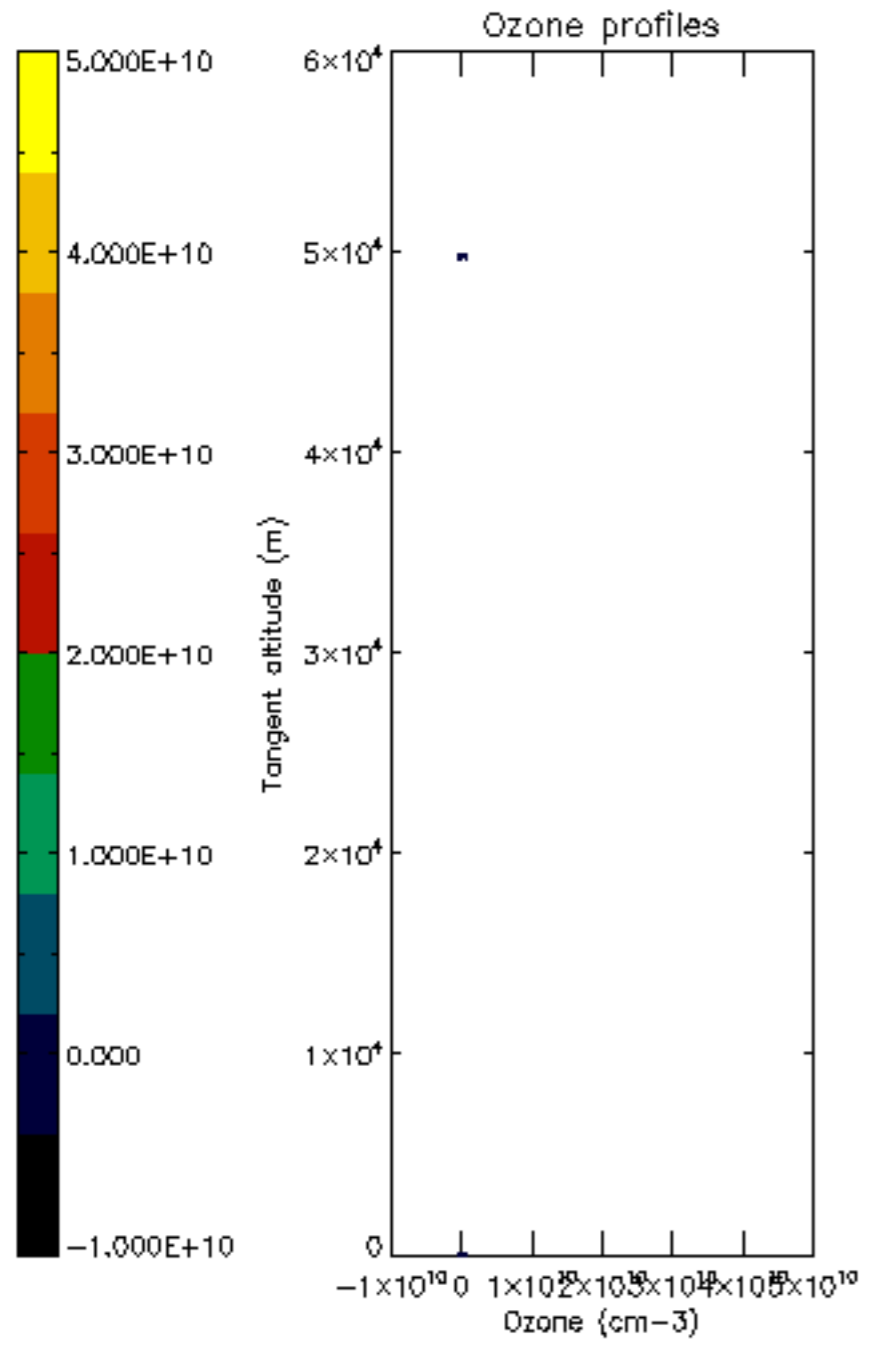
Percentage of saturation errors per profile

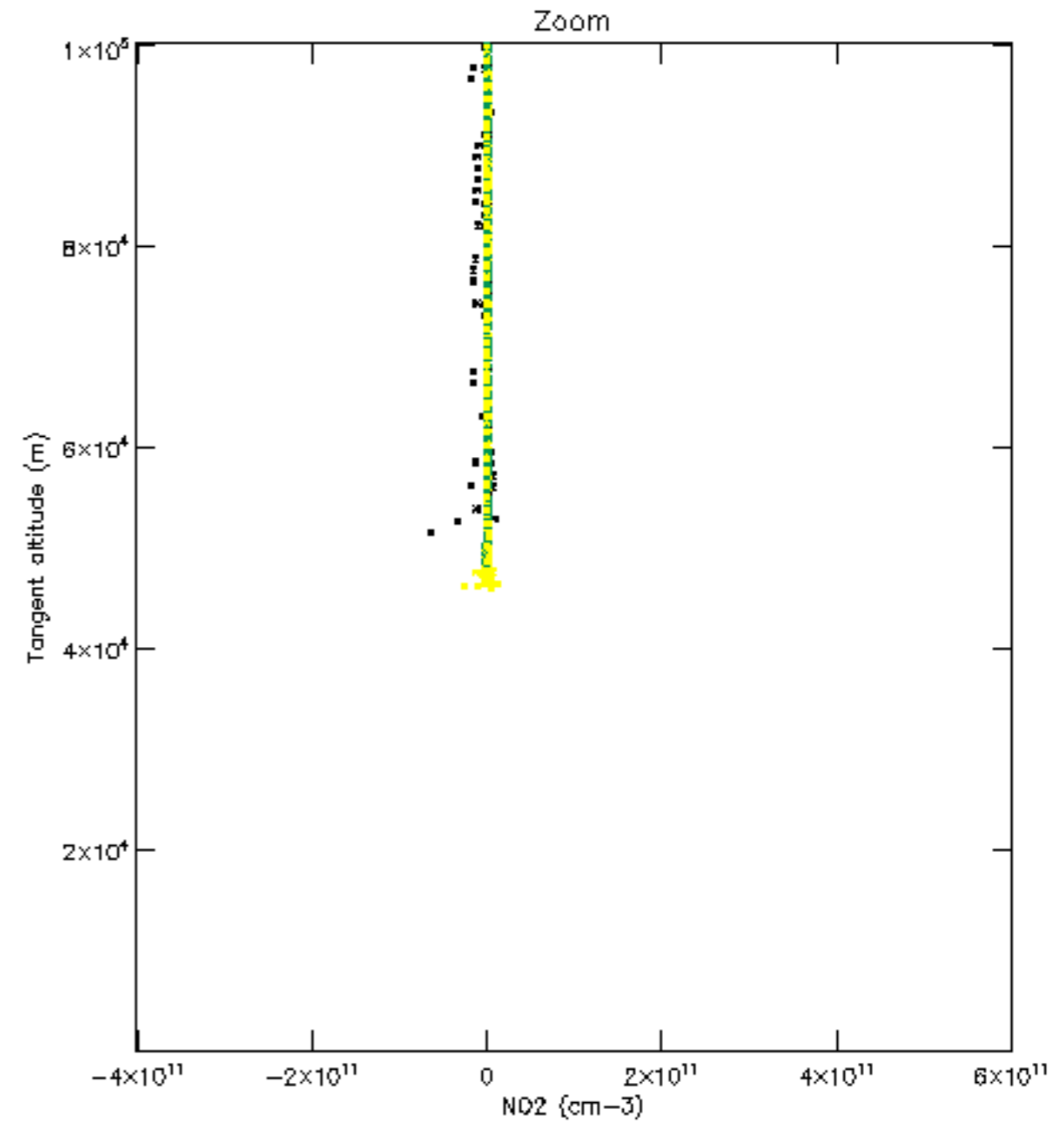
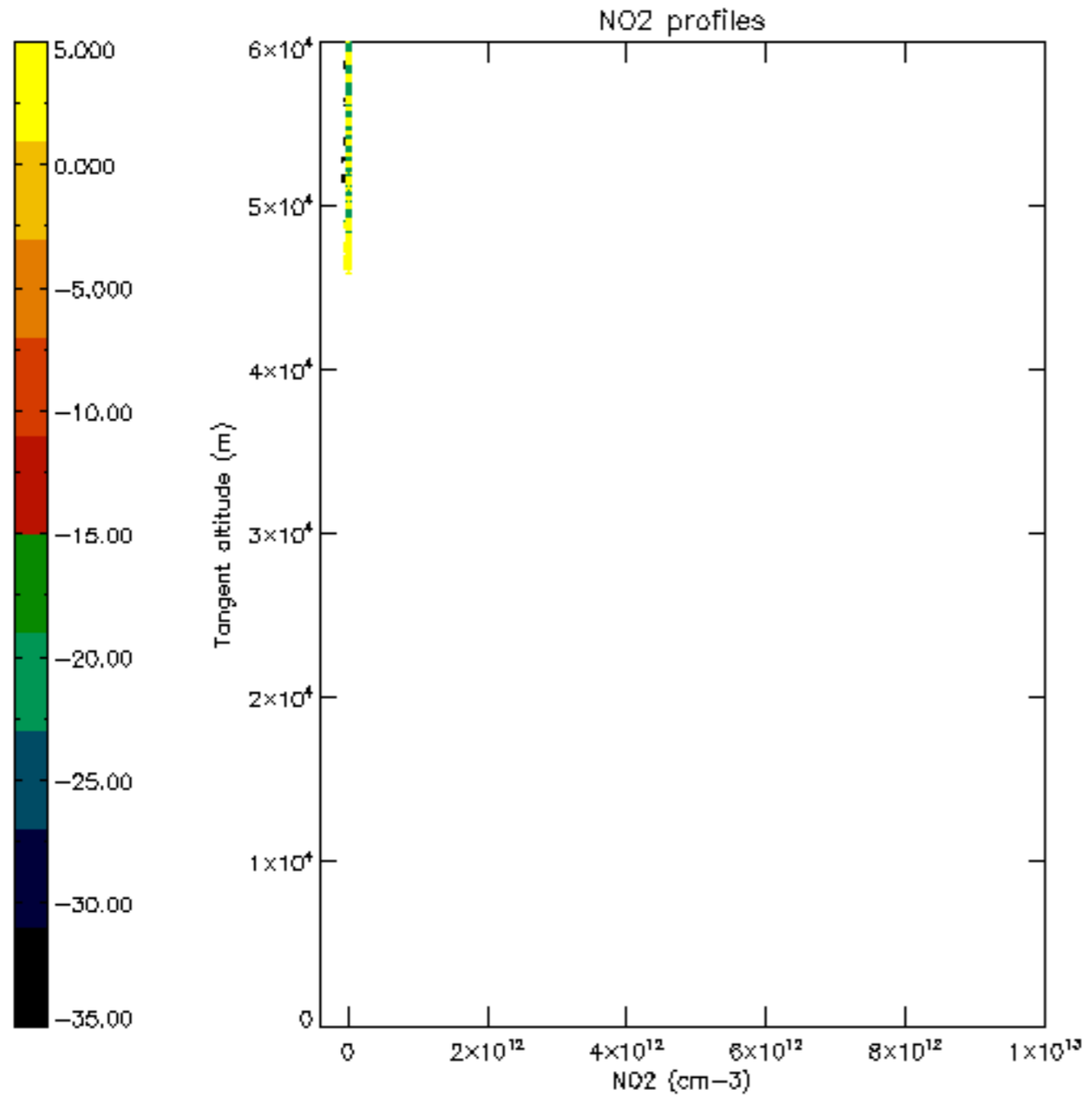


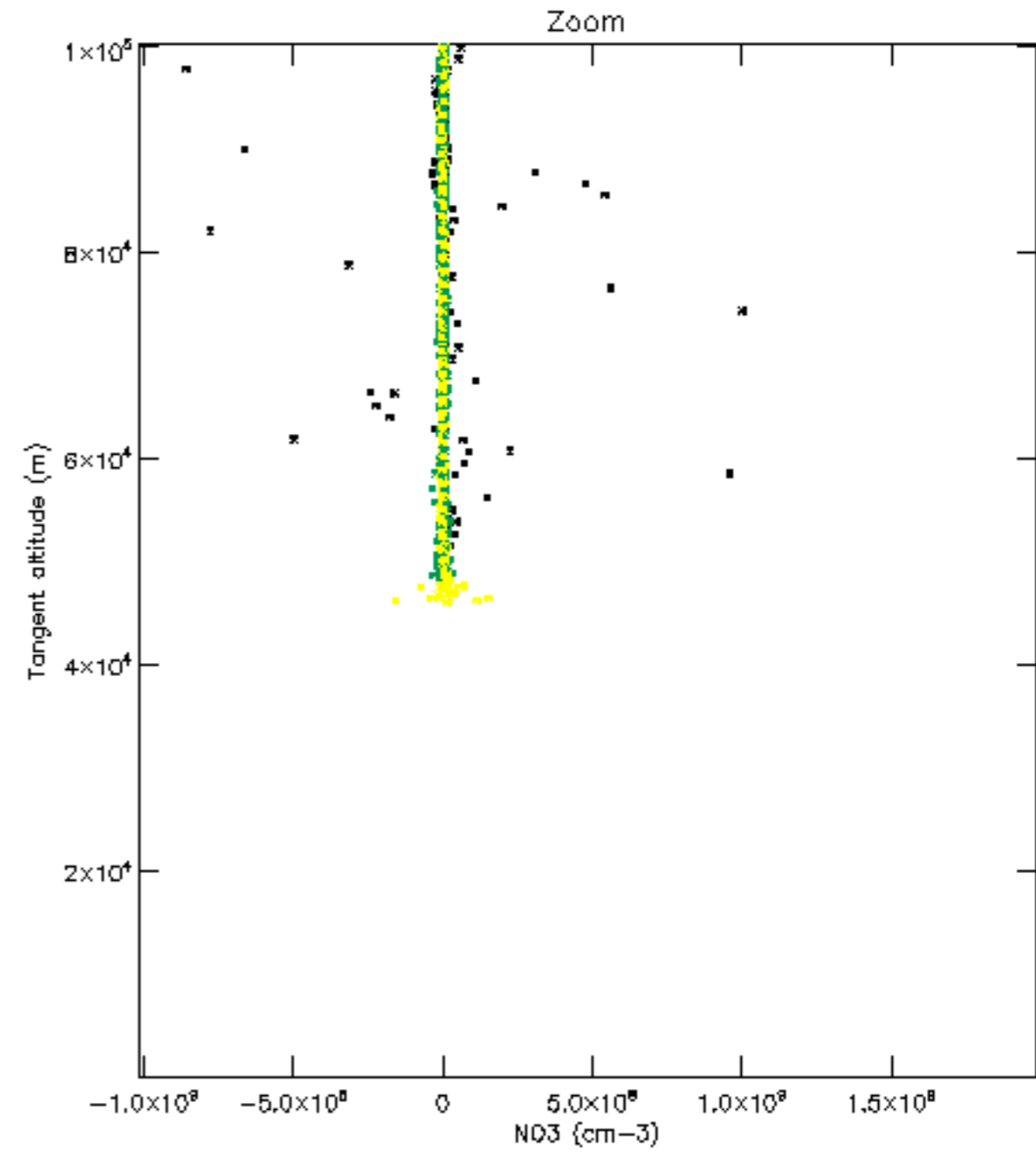
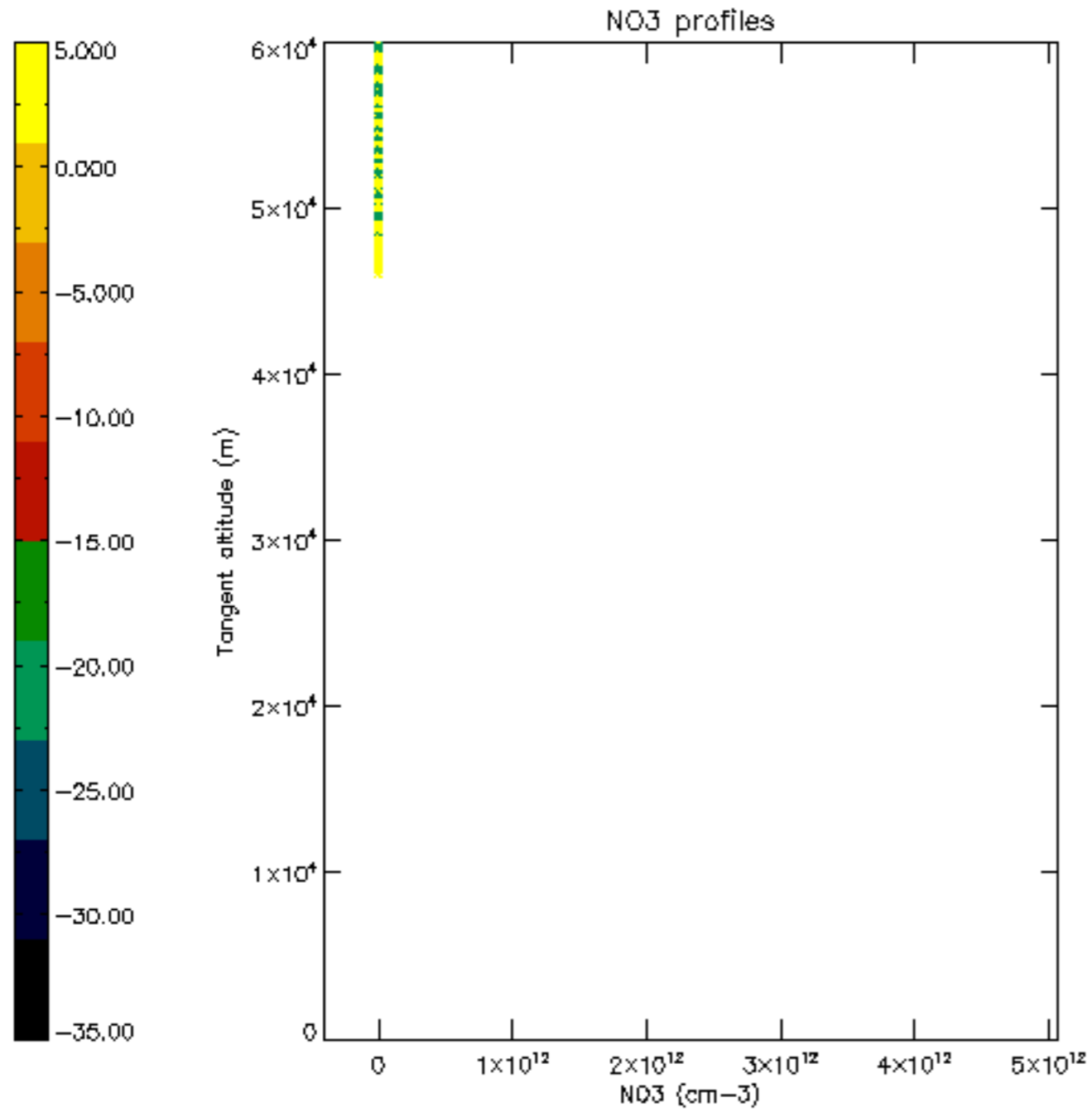


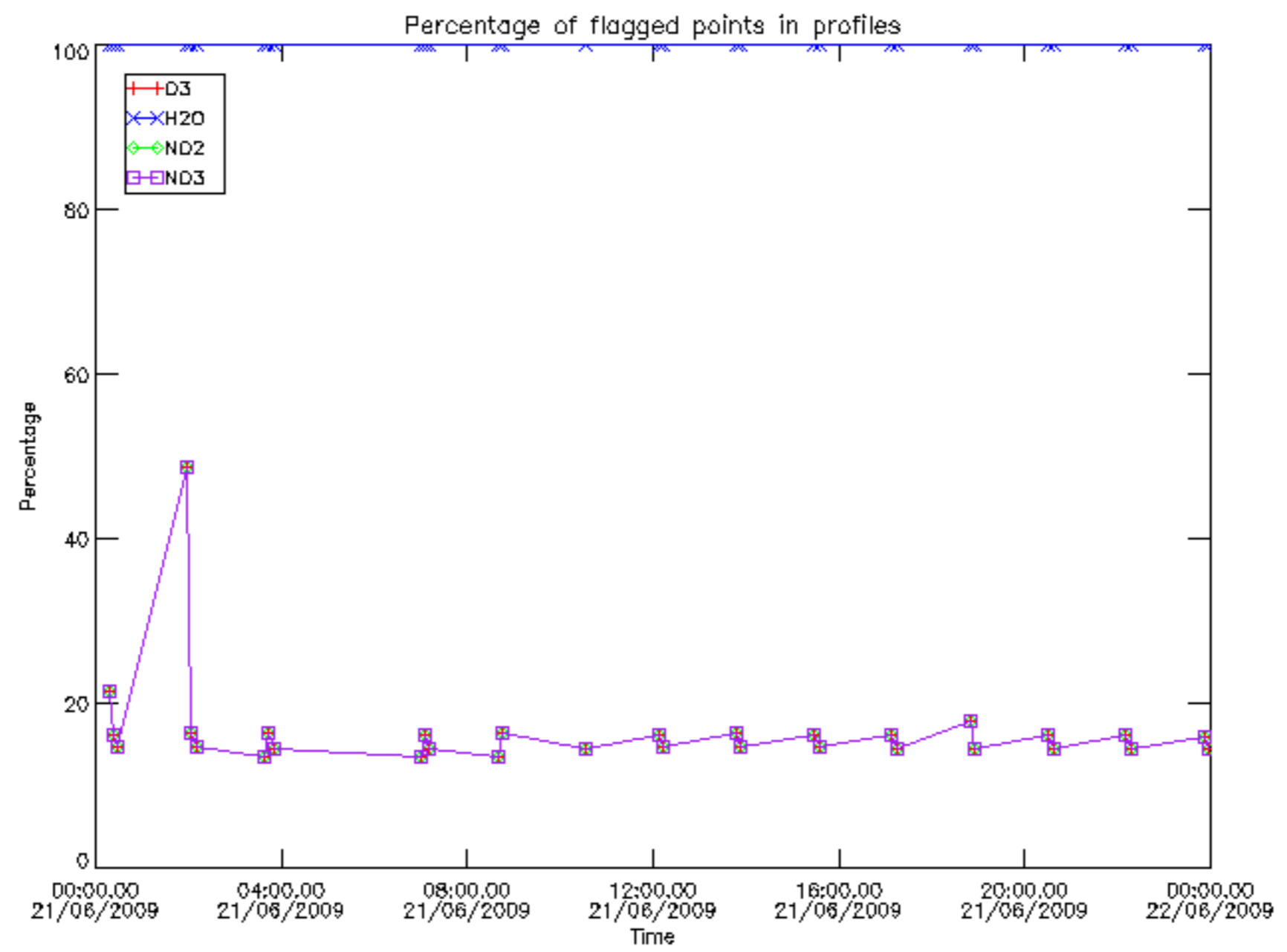




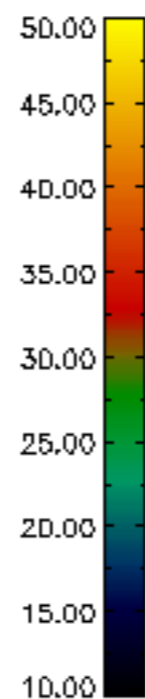
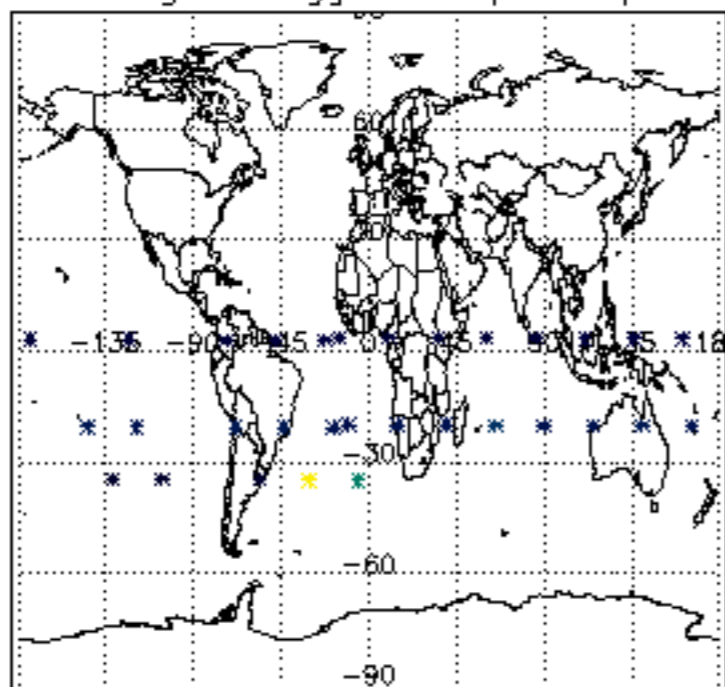




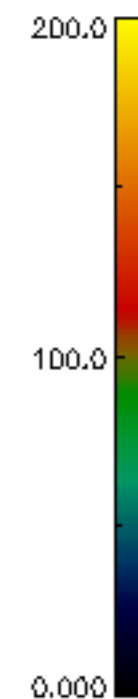
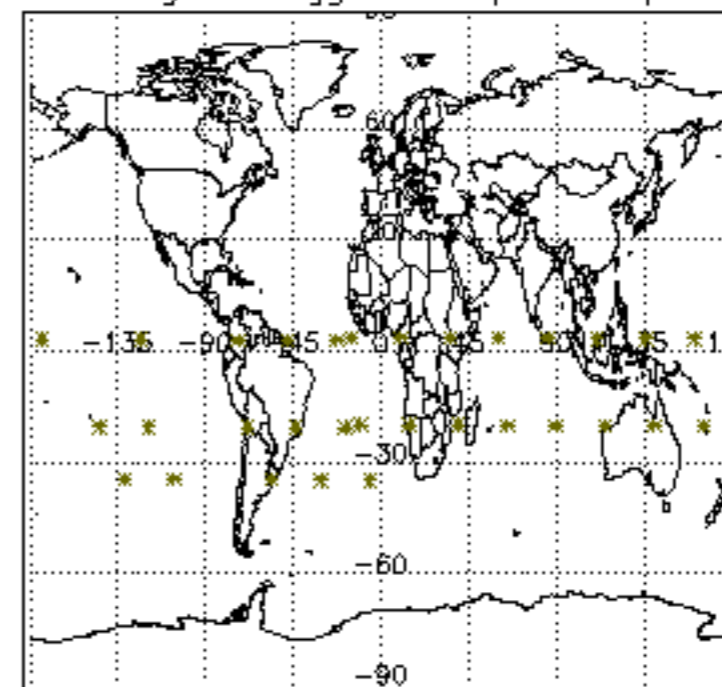




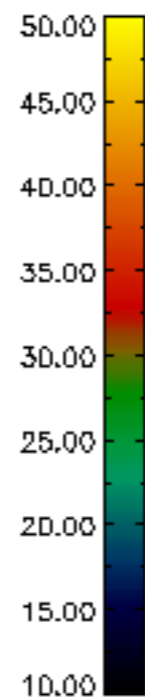
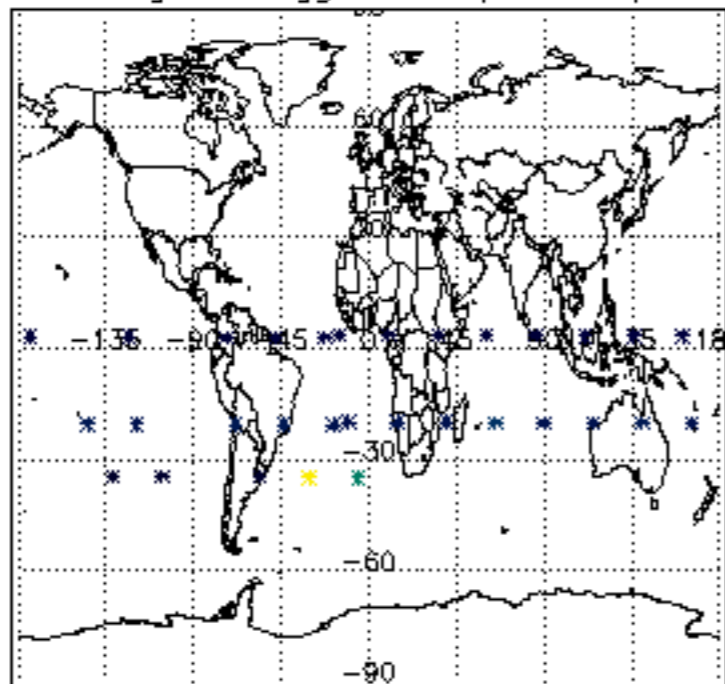
Percentage of flagged data per D3 profile



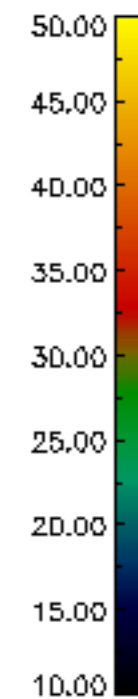
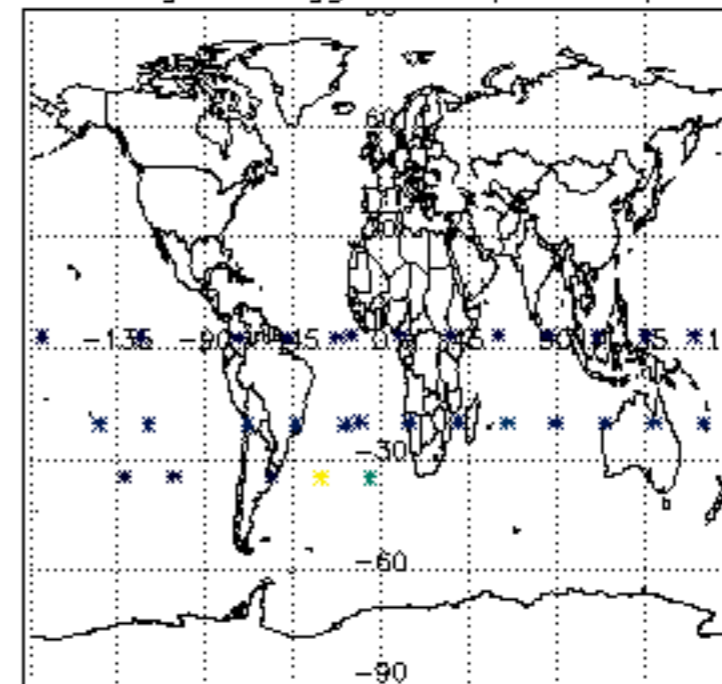
Percentage of flagged data per H2O profile

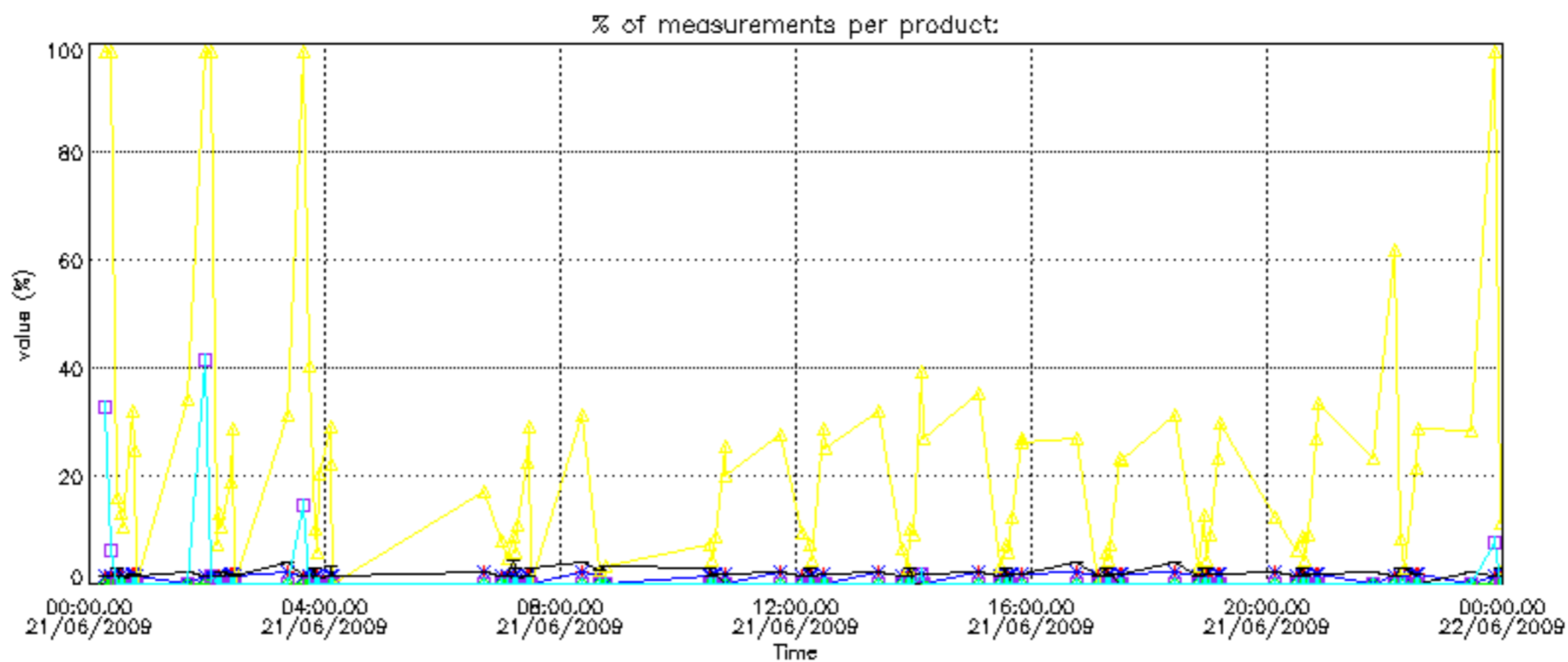


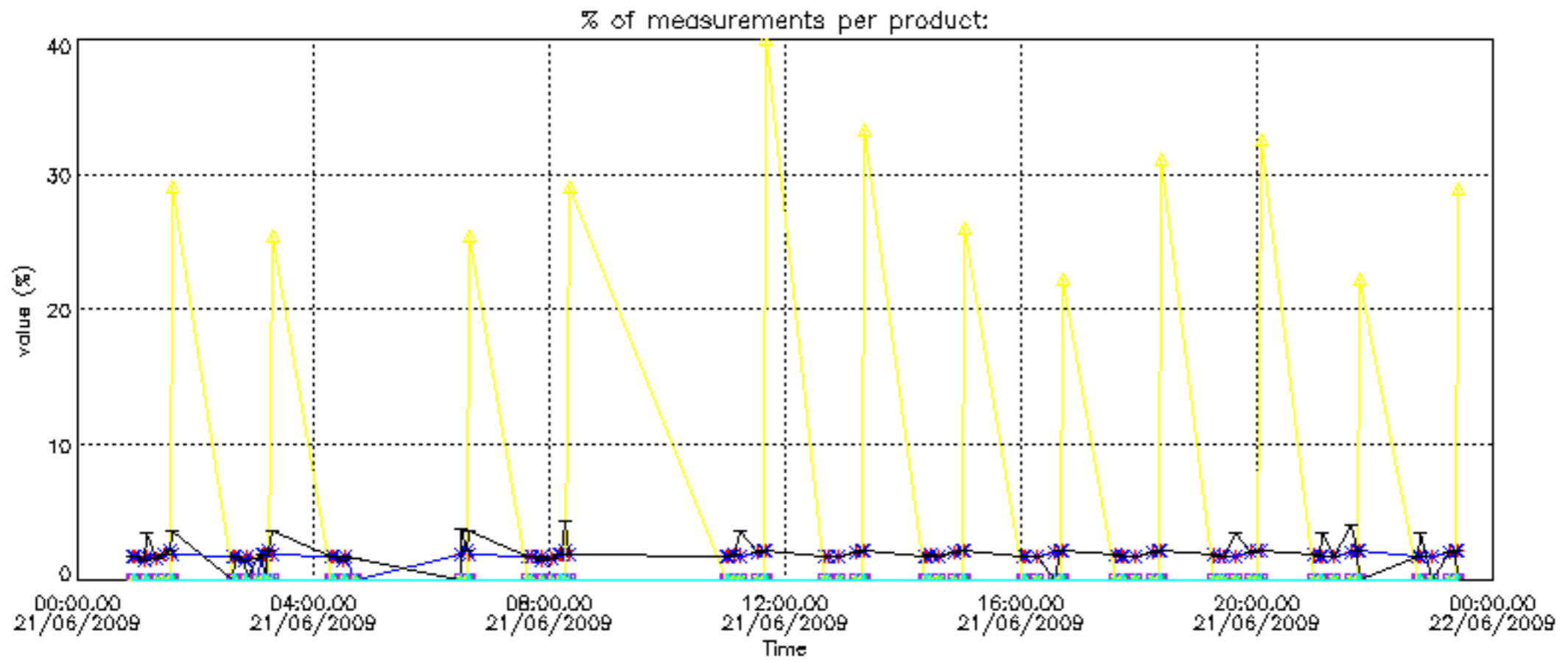
Percentage of flagged data per NO2 profile



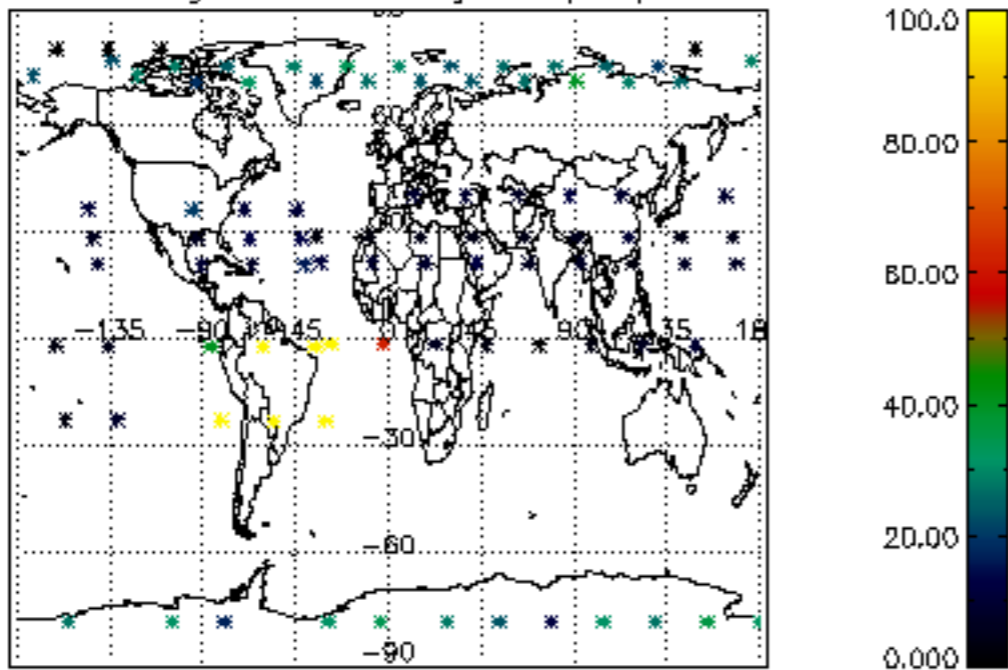
Percentage of flagged data per NO3 profile



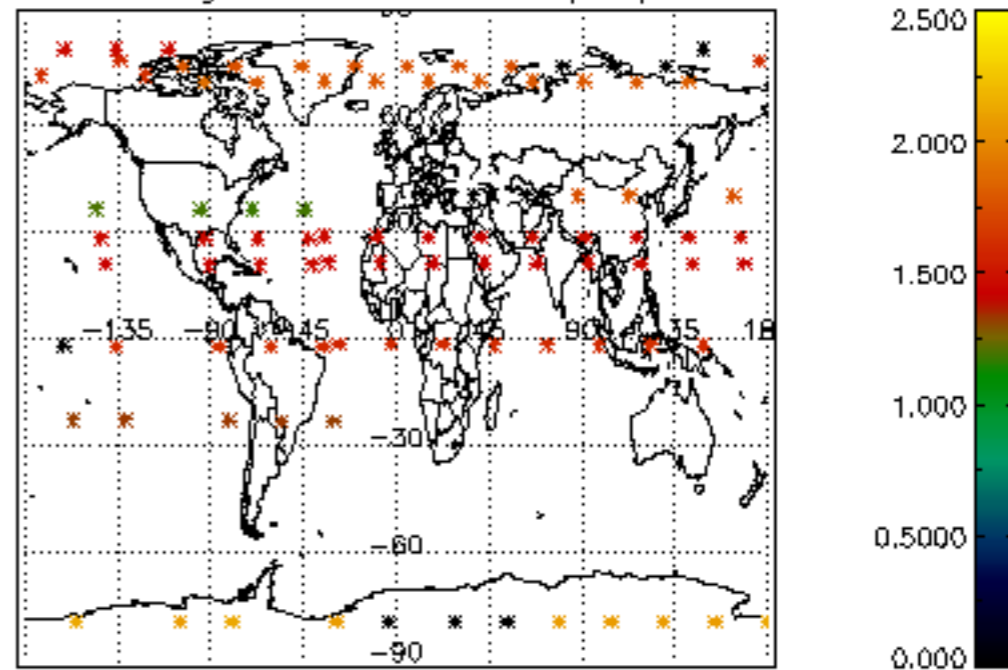




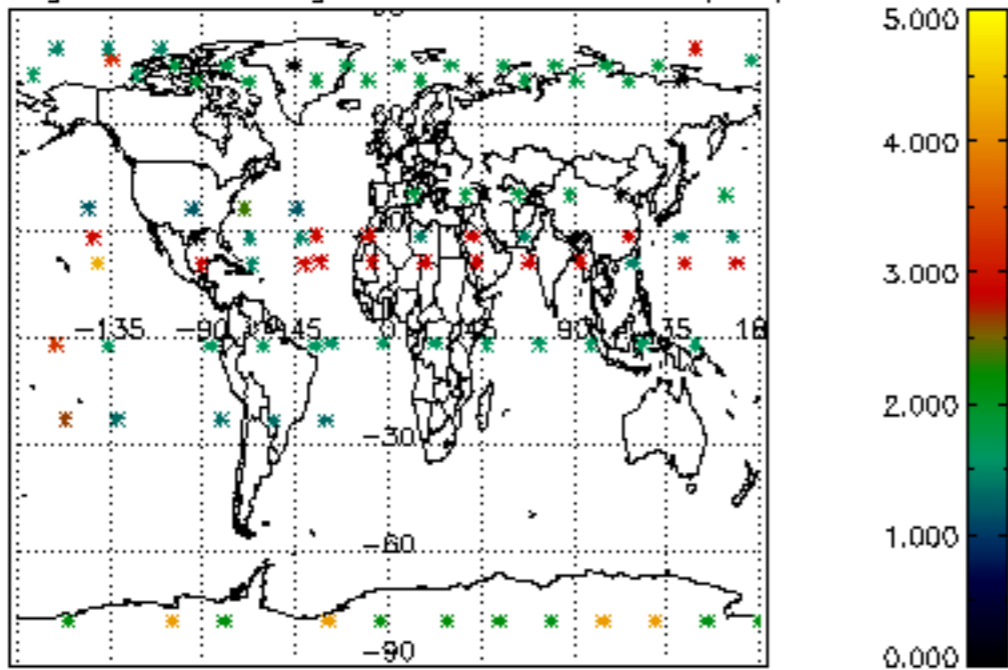
Percentage of cosmic ray hits per profile



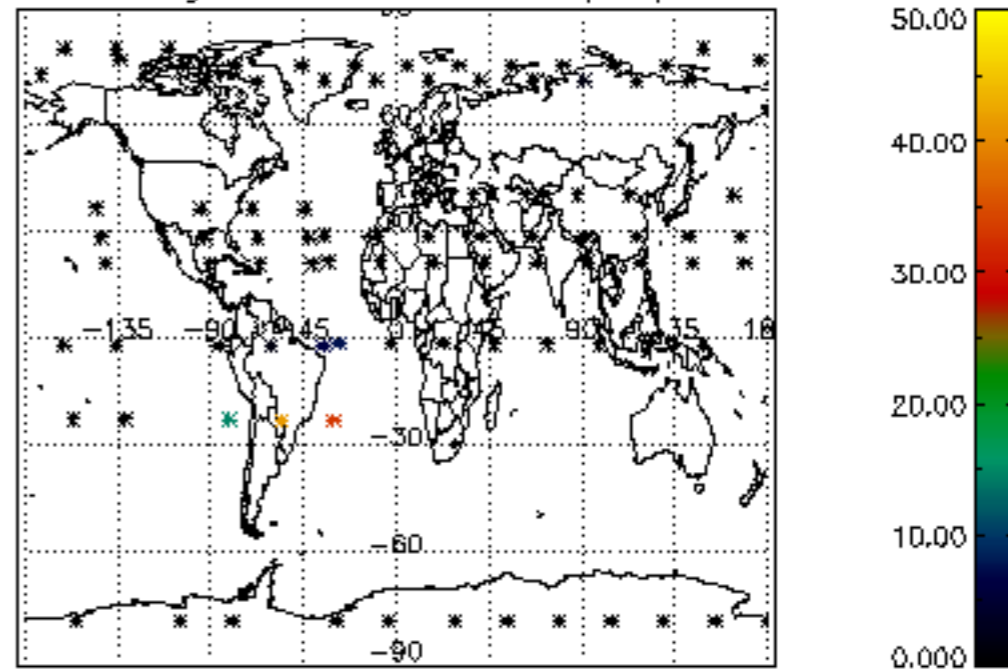
Percentage of datation errors per profile



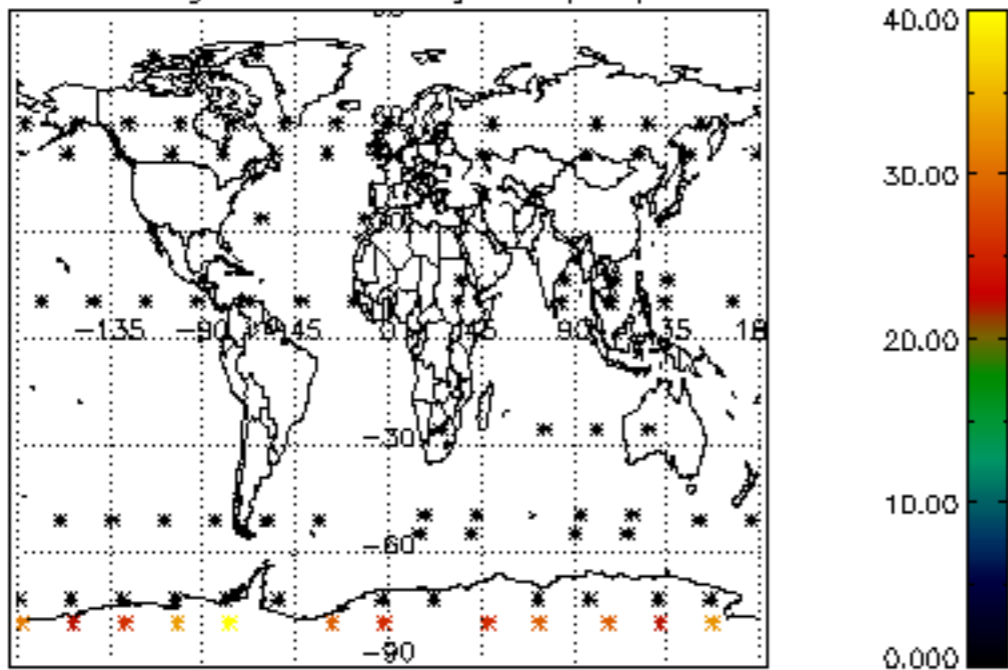
Percentage of star falling outside central band per profile



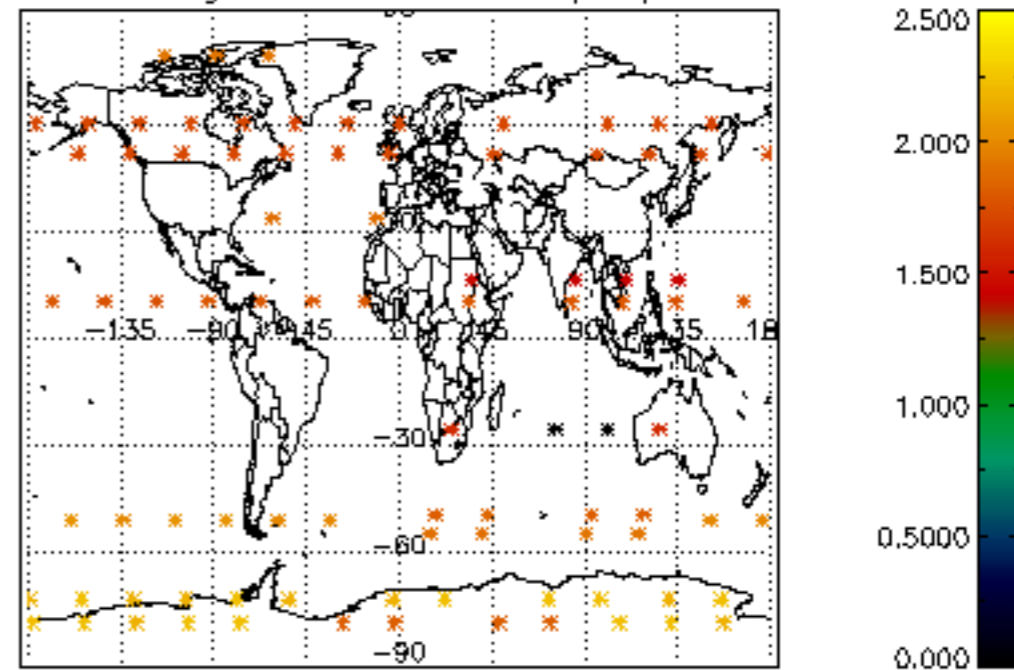
Percentage of saturation errors per profile



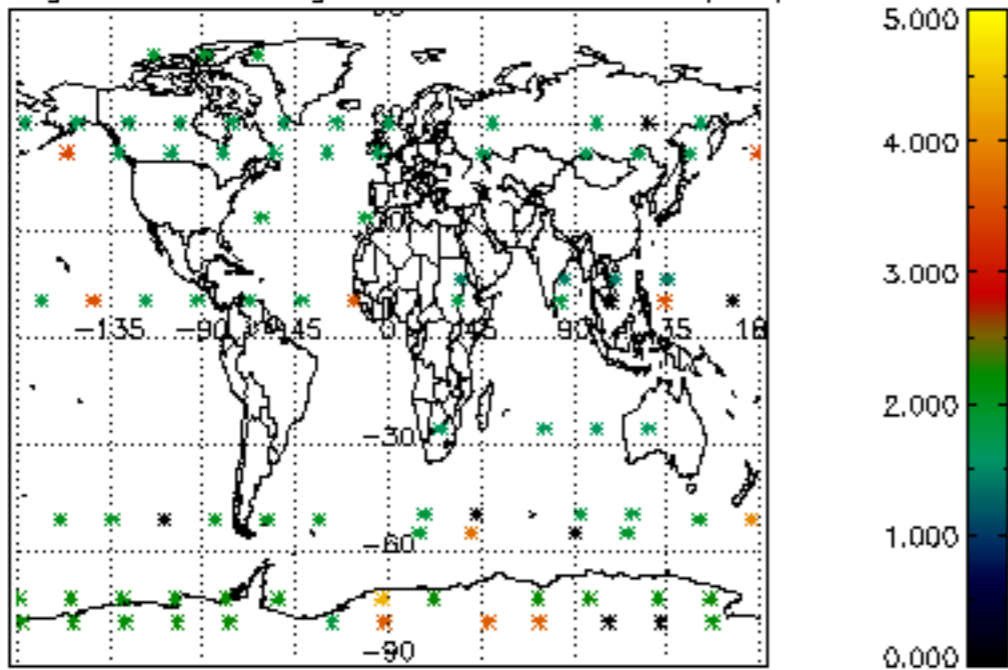
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

