

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 10:25:05
Data source version	GOMOS/6.01
Start time of products	29-06-2009 (29JUN2009 00:00:00)
Stop time of products	30-06-2009 (30JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	121
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__2PRFIN20090629_093619_000000482080_00194_38324_6613.N1	29-JUN-2009 09:36:19	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	38324	No
2	GOM_NL__2PRFIN20090629_094249_000000662080_00194_38324_6614.N1	29-JUN-2009 09:42:49	Straylight	65.500	63	Bet Gru	2.1500	2800.0	131	38324	No
3	GOM_NL__2PRFIN20090629_094447_000000482080_00194_38324_6615.N1	29-JUN-2009 09:44:47	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38324	No
4	GOM_NL__2PRFIN20090629_094735_000000572080_00194_38324_6616.N1	29-JUN-2009 09:47:35	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	38324	No
5	GOM_NL__2PRFIN20090629_095940_000000472080_00194_38324_6617.N1	29-JUN-2009 09:59:40	Bright	46.500	155	41Pi Sgr	2.9000	6600.0	93	38324	No
6	GOM_NL__2PRFIN20090629_101229_000000502080_00194_38324_6618.N1	29-JUN-2009 10:12:29	Bright	50.000	168	17Zet Aql	2.9860	11000.	100	38324	No
7	GOM_NL__2PRFIN20090629_101927_000000462080_00194_38324_6619.N1	29-JUN-2009 10:19:27	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38324	No
8	GOM_NL__2PRFIN20090629_102407_000000512080_00194_38324_6620.N1	29-JUN-2009 10:24:07	Bright	50.500	144	18Del Cyg	2.8600	11000.	101	38324	No
9	GOM_NL__2PRFIN20090629_103103_000000462080_00194_38324_6621.N1	29-JUN-2009 10:31:03	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	38324	No
10	GOM_NL__2PRFIN20090629_103820_000000462080_00194_38324_6622.N1	29-JUN-2009 10:38:20	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	38324	No
11	GOM_NL__2PRFIN20090629_104000_000000462080_00194_38324_6623.N1	29-JUN-2009 10:40:00	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	38324	No
12	GOM_NL__2PRFIN20090629_104612_000000392080_00194_38324_6624.N1	29-JUN-2009 10:46:12	Bright	39.000	73	57Gam1And	2.2600	13100.	78	38324	No
13	GOM_NL__2PRFIN20090629_104847_000000392080_00194_38324_6625.N1	29-JUN-2009 10:48:47	Tw_i_and_stray	39.000	173	4Bet Tri	3.0040	8900.0	78	38324	No
14	GOM_NL__2PRFIN20090629_105256_000000422080_00194_38324_6626.N1	29-JUN-2009 10:52:56	Dark	42.000	50	13Alp Ari	2.0070	4250.0	84	38324	No
15	GOM_NL__2PRFIN20090629_111656_000000512080_00195_38325_6627.N1	29-JUN-2009 11:16:56	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	38325	No
16	GOM_NL__2PRFIN20090629_112325_000000622080_00195_38325_6628.N1	29-JUN-2009 11:23:25	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	38325	No
17	GOM_NL__2PRFIN20090629_112523_000000542080_00195_38325_6629.N1	29-JUN-2009 11:25:23	Straylight	53.500	31	Alp Gru	1.7340	15200.	107	38325	No
18	GOM_NL__2PRFIN20090629_112812_000000612080_00195_38325_6630.N1	29-JUN-2009 11:28:12	Straylight	60.500	172	Gam Gru	3.0030	13100.	121	38325	No
19	GOM_NL__2PRFIN20090629_114016_000000482080_00195_38325_6631.N1	29-JUN-2009 11:40:16	Bright	47.500	155	41Pi Sgr	2.9000	6600.0	95	38325	No
20	GOM_NL__2PRFIN20090629_115304_000000492080_00195_38325_6632.N1	29-JUN-2009 11:53:04	Bright	49.000	168	17Zet Aql	2.9860	11000.	98	38325	No
21	GOM_NL__2PRFIN20090629_120002_000000462080_00195_38325_6633.N1	29-JUN-2009 12:00:02	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38325	No
22	GOM_NL__2PRFIN20090629_120442_000000522080_00195_38325_6634.N1	29-JUN-2009 12:04:42	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	38325	No
23	GOM_NL__2PRFIN20090629_121138_000000452080_00195_38325_6635.N1	29-JUN-2009 12:11:38	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	38325	No
24	GOM_NL__2PRFIN20090629_121856_000000692080_00195_38325_6636.N1	29-JUN-2009 12:18:56	Bright	69.000	74	11Bet Cas	2.2680	6600.0	138	38325	No
25	GOM_NL__2PRFIN20090629_122036_000000432080_00195_38325_6637.N1	29-JUN-2009 12:20:36	Bright	42.500	68	18Alp Cas	2.2250	4500.0	85	38325	No
26	GOM_NL__2PRFIN20090629_122648_000000392080_00195_38325_6638.N1	29-JUN-2009 12:26:48	Bright	39.000	73	57Gam1And	2.2600	13100.	78	38325	No
27	GOM_NL__2PRFIN20090629_122923_000000382080_00195_38325_6639.N1	29-JUN-2009 12:29:23	Tw_i_and_stray	38.000	173	4Bet Tri	3.0040	8900.0	76	38325	No
28	GOM_NL__2PRFIN20090629_123333_000000412080_00195_38325_6640.N1	29-JUN-2009 12:33:33	Dark	40.500	50	13Alp Ari	2.0070	4250.0	81	38325	No
29	GOM_NL__2PRFIN20090629_125732_000000512080_00196_38326_6641.N1	29-JUN-2009 12:57:32	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	38326	No
30	GOM_NL__2PRFIN20090629_130402_000000562080_00196_38326_6642.N1	29-JUN-2009 13:04:02	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	38326	No
31	GOM_NL__2PRFIN20090629_130600_000000502080_00196_38326_6643.N1	29-JUN-2009 13:06:00	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	38326	No
32	GOM_NL__2PRFIN20090629_130849_000000582080_00196_38326_6644.N1	29-JUN-2009 13:08:49	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	38326	No
33	GOM_NL__2PRFIN20090629_132053_000000472080_00196_38326_6645.N1	29-JUN-2009 13:20:53	Bright	47.000	155	41Pi Sgr	2.9000	6600.0	94	38326	No
34	GOM_NL__2PRFIN20090629_133340_000000522080_00196_38326_6646.N1	29-JUN-2009 13:33:40	Bright	51.500	168	17Zet Aql	2.9860	11000.	103	38326	No
35	GOM_NL__2PRFIN20090629_134038_000000462080_00196_38326_6647.N1	29-JUN-2009 13:40:38	Bright	46.000	5	3Alp Lyr	0.033000	11000.	92	38326	No
36	GOM_NL__2PRFIN20090629_134517_000000522080_00196_38326_6648.N1	29-JUN-2009 13:45:17	Bright	51.500	144	18Del Cyg	2.8600	11000.	103	38326	No
37	GOM_NL__2PRFIN20090629_135213_000000452080_00196_38326_6649.N1	29-JUN-2009 13:52:13	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	38326	No
38	GOM_NL__2PRFIN20090629_135931_000000432080_00196_38326_6650.N1	29-JUN-2009 13:59:31	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	38326	No
39	GOM_NL__2PRFIN20090629_140112_000000432080_00196_38326_6651.N1	29-JUN-2009 14:01:12	Bright	43.000	68	18Alp Cas	2.2250	4500.0	86	38326	No
40	GOM_NL__2PRFIN20090629_140724_000000382080_00196_38326_6652.N1	29-JUN-2009 14:07:24	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38326	No
41	GOM_NL__2PRFIN20090629_140959_000000382080_00196_38326_6653.N1	29-JUN-2009 14:09:59	Tw_i_and_stray	37.500	173	4Bet Tri	3.0040	8900.0	75	38326	No
42	GOM_NL__2PRFIN20090629_141409_000000402080_00196_38326_6654.N1	29-JUN-2009 14:14:09	Dark	40.000	50	13Alp Ari	2.0070	4250.0	80	38326	No

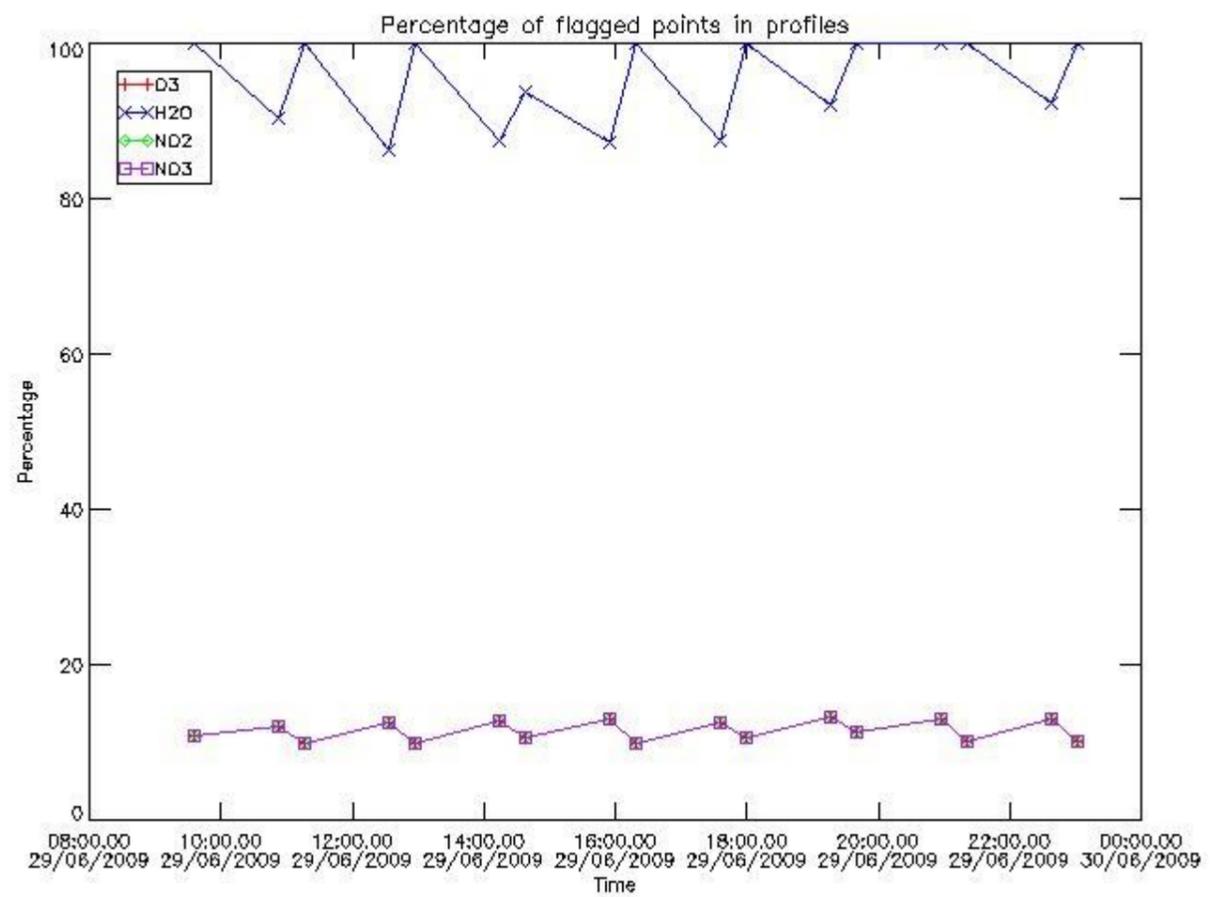
43	GOM_NL__2PRFIN20090629_143809_00000492080_00197_38327_6656.N1	29-JUN-2009 14:38:09	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	38327	No
44	GOM_NL__2PRFIN20090629_144439_00000542080_00197_38327_6657.N1	29-JUN-2009 14:44:39	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38327	No
45	GOM_NL__2PRFIN20090629_144637_00000502080_00197_38327_6658.N1	29-JUN-2009 14:46:37	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	38327	No
46	GOM_NL__2PRFIN20090629_144926_00000592080_00197_38327_6659.N1	29-JUN-2009 14:49:26	Straylight	58.500	172	Gam Gru	3.0030	13100.	117	38327	No
47	GOM_NL__2PRFIN20090629_150129_00000512080_00197_38327_6660.N1	29-JUN-2009 15:01:29	Bright	50.500	155	41Pi Sgr	2.9000	6600.0	101	38327	No
48	GOM_NL__2PRFIN20090629_151415_00000522080_00197_38327_6661.N1	29-JUN-2009 15:14:15	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	38327	No
49	GOM_NL__2PRFIN20090629_152113_00000472080_00197_38327_6662.N1	29-JUN-2009 15:21:13	Bright	46.500	5	3Alp Lyr	0.033000	11000.	93	38327	No
50	GOM_NL__2PRFIN20090629_152552_00000512080_00197_38327_6663.N1	29-JUN-2009 15:25:52	Bright	50.500	144	18Del Cyg	2.8600	11000.	101	38327	No
51	GOM_NL__2PRFIN20090629_153249_00000452080_00197_38327_6664.N1	29-JUN-2009 15:32:49	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	38327	No
52	GOM_NL__2PRFIN20090629_154007_00000432080_00197_38327_6665.N1	29-JUN-2009 15:40:07	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	38327	No
53	GOM_NL__2PRFIN20090629_154147_00000412080_00197_38327_6666.N1	29-JUN-2009 15:41:47	Bright	40.500	68	18Alp Cas	2.2250	4500.0	81	38327	No
54	GOM_NL__2PRFIN20090629_154759_00000372080_00197_38327_6667.N1	29-JUN-2009 15:47:59	Bright	37.000	73	57Gam1And	2.2600	13100.	74	38327	No
55	GOM_NL__2PRFIN20090629_155035_00000372080_00197_38327_6668.N1	29-JUN-2009 15:50:35	Tw_i_and_stray	37.000	173	4Bet Tri	3.0040	8900.0	74	38327	No
56	GOM_NL__2PRFIN20090629_155445_00000402080_00197_38327_6669.N1	29-JUN-2009 15:54:45	Dark	39.500	50	13Alp Ari	2.0070	4250.0	79	38327	No
57	GOM_NL__2PRFIN20090629_161846_00000512080_00198_38328_6670.N1	29-JUN-2009 16:18:46	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	38328	No
58	GOM_NL__2PRFIN20090629_162516_00000512080_00198_38328_6671.N1	29-JUN-2009 16:25:16	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	38328	No
59	GOM_NL__2PRFIN20090629_162714_00000522080_00198_38328_6672.N1	29-JUN-2009 16:27:14	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	38328	No
60	GOM_NL__2PRFIN20090629_163003_00000562080_00198_38328_6673.N1	29-JUN-2009 16:30:03	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	38328	No
61	GOM_NL__2PRFIN20090629_164205_00000462080_00198_38328_6674.N1	29-JUN-2009 16:42:05	Bright	45.500	155	41Pi Sgr	2.9000	6600.0	91	38328	No
62	GOM_NL__2PRFIN20090629_165451_00000492080_00198_38328_6675.N1	29-JUN-2009 16:54:51	Bright	49.000	168	17Zet Aql	2.9860	11000.	98	38328	No
63	GOM_NL__2PRFIN20090629_170149_00000492080_00198_38328_6676.N1	29-JUN-2009 17:01:49	Bright	49.000	5	3Alp Lyr	0.033000	11000.	98	38328	No
64	GOM_NL__2PRFIN20090629_170627_00000522080_00198_38328_6677.N1	29-JUN-2009 17:06:27	Bright	51.500	144	18Del Cyg	2.8600	11000.	103	38328	No
65	GOM_NL__2PRFIN20090629_171324_00000452080_00198_38328_6678.N1	29-JUN-2009 17:13:24	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	38328	No
66	GOM_NL__2PRFIN20090629_172042_00000452080_00198_38328_6679.N1	29-JUN-2009 17:20:42	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	38328	No
67	GOM_NL__2PRFIN20090629_172223_00000422080_00198_38328_6680.N1	29-JUN-2009 17:22:23	Bright	41.500	68	18Alp Cas	2.2250	4500.0	83	38328	No
68	GOM_NL__2PRFIN20090629_172835_00000382080_00198_38328_6681.N1	29-JUN-2009 17:28:35	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38328	No
69	GOM_NL__2PRFIN20090629_173111_00000382080_00198_38328_6682.N1	29-JUN-2009 17:31:11	Tw_i_and_stray	37.500	173	4Bet Tri	3.0040	8900.0	75	38328	No
70	GOM_NL__2PRFIN20090629_173521_00000412080_00198_38328_6683.N1	29-JUN-2009 17:35:21	Dark	40.500	50	13Alp Ari	2.0070	4250.0	81	38328	No
71	GOM_NL__2PRFIN20090629_175923_00000482080_00199_38329_6688.N1	29-JUN-2009 17:59:23	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38329	No
72	GOM_NL__2PRFIN20090629_180553_00000502080_00199_38329_6689.N1	29-JUN-2009 18:05:53	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	38329	No
73	GOM_NL__2PRFIN20090629_180751_00000482080_00199_38329_6690.N1	29-JUN-2009 18:07:51	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38329	No
74	GOM_NL__2PRFIN20090629_181041_00000572080_00199_38329_6691.N1	29-JUN-2009 18:10:41	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	38329	No
75	GOM_NL__2PRFIN20090629_182241_00000472080_00199_38329_6692.N1	29-JUN-2009 18:22:41	Bright	47.000	155	41Pi Sgr	2.9000	6600.0	94	38329	No
76	GOM_NL__2PRFIN20090629_183526_00000482080_00199_38329_6693.N1	29-JUN-2009 18:35:26	Bright	48.000	168	17Zet Aql	2.9860	11000.	96	38329	No
77	GOM_NL__2PRFIN20090629_184224_00000442080_00199_38329_6694.N1	29-JUN-2009 18:42:24	Bright	44.000	5	3Alp Lyr	0.033000	11000.	88	38329	No
78	GOM_NL__2PRFIN20090629_184702_00000492080_00199_38329_6695.N1	29-JUN-2009 18:47:02	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	38329	No
79	GOM_NL__2PRFIN20090629_185359_00000462080_00199_38329_6696.N1	29-JUN-2009 18:53:59	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	38329	No
80	GOM_NL__2PRFIN20090629_190118_00000682080_00199_38329_6697.N1	29-JUN-2009 19:01:18	Bright	68.000	74	11Bet Cas	2.2680	6600.0	136	38329	No
81	GOM_NL__2PRFIN20090629_190258_00000412080_00199_38329_6698.N1	29-JUN-2009 19:02:58	Bright	41.000	68	18Alp Cas	2.2250	4500.0	82	38329	No
82	GOM_NL__2PRFIN20090629_190911_00000372080_00199_38329_6699.N1	29-JUN-2009 19:09:11	Bright	37.000	73	57Gam1And	2.2600	13100.	74	38329	No
83	GOM_NL__2PRFIN20090629_191147_00000372080_00199_38329_6700.N1	29-JUN-2009 19:11:47	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38329	No
84	GOM_NL__2PRFIN20090629_191558_00000392080_00199_38329_6701.N1	29-JUN-2009 19:15:58	Dark	38.500	50	13Alp Ari	2.0070	4250.0	77	38329	No
85	GOM_NL__2PRFIN20090629_194000_00000492080_00200_38330_6704.N1	29-JUN-2009 19:40:00	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	38330	No
86	GOM_NL__2PRFIN20090629_194630_00000502080_00200_38330_6705.N1	29-JUN-2009 19:46:30	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	38330	No
87	GOM_NL__2PRFIN20090629_194827_00000502080_00200_38330_6706.N1	29-JUN-2009 19:48:27	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	38330	No
88	GOM_NL__2PRFIN20090629_195118_00000562080_00200_38330_6707.N1	29-JUN-2009 19:51:18	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	38330	No
89	GOM_NL__2PRFIN20090629_200317_00000462080_00200_38330_6708.N1	29-JUN-2009 20:03:17	Bright	46.000	155	41Pi Sgr	2.9000	6600.0	92	38330	No
90	GOM_NL__2PRFIN20090629_201601_00000472080_00200_38330_6709.N1	29-JUN-2009 20:16:01	Bright	47.000	168	17Zet Aql	2.9860	11000.	94	38330	No
91	GOM_NL__2PRFIN20090629_202259_00000432080_00200_38330_6710.N1	29-JUN-2009 20:22:59	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	38330	No
92	GOM_NL__2PRFIN20090629_202737_00000512080_00200_38330_6711.N1	29-JUN-2009 20:27:37	Bright	51.000	144	18Del Cyg	2.8600	11000.	102	38330	No
93	GOM_NL__2PRFIN20090629_203434_00000452080_00200_38330_6712.N1	29-JUN-2009 20:34:34	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	38330	No
94	GOM_NL__2PRFIN20090629_204153_00000422080_00200_38330_6713.N1	29-JUN-2009 20:41:53	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	38330	No
95	GOM_NL__2PRFIN20090629_204334_00000412080_00200_38330_6714.N1	29-JUN-2009 20:43:34	Bright	41.000	68	18Alp Cas	2.2250	4500.0	82	38330	No
96	GOM_NL__2PRFIN20090629_204947_00000372080_00200_38330_6715.N1	29-JUN-2009 20:49:47	Bright	36.500	73	57Gam1And	2.2600	13100.	73	38330	No
97	GOM_NL__2PRFIN20090629_205223_00000372080_00200_38330_6716.N1	29-JUN-2009 20:52:23	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38330	No
98	GOM_NL__2PRFIN20090629_205634_00000392080_00200_38330_6717.N1	29-JUN-2009 20:56:34	Dark	38.500	50	13Alp Ari	2.0070	4250.0	77	38330	No
99	GOM_NL__2PRFIN20090629_212037_00000502080_00201_38331_6719.N1	29-JUN-2009 21:20:37	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	38331	No
100	GOM_NL__2PRFIN20090629_212707_00000512080_00201_38331_6720.N1	29-JUN-2009 21:27:07	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	38331	No
101	GOM_NL__2PRFIN20090629_212904_00000512080_00201_38331_6721.N1	29-JUN-2009 21:29:04	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38331	No

102	GOM_NL__2PRFIN20090629_213155_000000592080_00201_38331_6722.N1	29-JUN-2009 21:31:55	Straylight	58.500	172	Gam Gru	3.0030	13100.	117	38331	No
103	GOM_NL__2PRFIN20090629_214353_000000462080_00201_38331_6723.N1	29-JUN-2009 21:43:53	Bright	45.500	155	41Pi Sgr	2.9000	6600.0	91	38331	No
104	GOM_NL__2PRFIN20090629_215636_000000522080_00201_38331_6724.N1	29-JUN-2009 21:56:36	Bright	51.500	168	17Zet Aql	2.9860	11000.	103	38331	No
105	GOM_NL__2PRFIN20090629_220335_000000442080_00201_38331_6725.N1	29-JUN-2009 22:03:35	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	38331	No
106	GOM_NL__2PRFIN20090629_220812_000000512080_00201_38331_6726.N1	29-JUN-2009 22:08:12	Bright	51.000	144	18Del Cyg	2.8600	11000.	102	38331	No
107	GOM_NL__2PRFIN20090629_221510_000000432080_00201_38331_6727.N1	29-JUN-2009 22:15:10	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38331	No
108	GOM_NL__2PRFIN20090629_222228_000000422080_00201_38331_6728.N1	29-JUN-2009 22:22:28	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	38331	No
109	GOM_NL__2PRFIN20090629_222409_000000412080_00201_38331_6729.N1	29-JUN-2009 22:24:09	Bright	41.000	68	18Alp Cas	2.2250	4500.0	82	38331	No
110	GOM_NL__2PRFIN20090629_223023_000000362080_00201_38331_6730.N1	29-JUN-2009 22:30:23	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38331	No
111	GOM_NL__2PRFIN20090629_223259_000000372080_00201_38331_6731.N1	29-JUN-2009 22:32:59	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38331	No
112	GOM_NL__2PRFIN20090629_223710_000000392080_00201_38331_6732.N1	29-JUN-2009 22:37:10	Dark	39.000	50	13Alp Ari	2.0070	4250.0	78	38331	No
113	GOM_NL__2PRFIN20090629_230114_000000512080_00202_38332_6736.N1	29-JUN-2009 23:01:14	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	38332	No
114	GOM_NL__2PRFIN20090629_230744_000000522080_00202_38332_6737.N1	29-JUN-2009 23:07:44	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	38332	No
115	GOM_NL__2PRFIN20090629_230941_000000512080_00202_38332_6738.N1	29-JUN-2009 23:09:41	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	38332	No
116	GOM_NL__2PRFIN20090629_231232_000000582080_00202_38332_6739.N1	29-JUN-2009 23:12:32	Straylight	58.000	172	Gam Gru	3.0030	13100.	116	38332	No
117	GOM_NL__2PRFIN20090629_232429_000000442080_00202_38332_6740.N1	29-JUN-2009 23:24:29	Bright	44.000	155	41Pi Sgr	2.9000	6600.0	88	38332	No
118	GOM_NL__2PRFIN20090629_233712_000000512080_00202_38332_6741.N1	29-JUN-2009 23:37:12	Bright	50.500	168	17Zet Aql	2.9860	11000.	101	38332	No
119	GOM_NL__2PRFIN20090629_234410_000000402080_00202_38332_6742.N1	29-JUN-2009 23:44:10	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	38332	No
120	GOM_NL__2PRFIN20090629_234847_000000512080_00202_38332_6743.N1	29-JUN-2009 23:48:47	Bright	50.500	144	18Del Cyg	2.8600	11000.	101	38332	No
121	GOM_NL__2PRFIN20090629_235545_000000442080_00202_38332_6744.N1	29-JUN-2009 23:55:45	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38332	No

3. Quality information per product

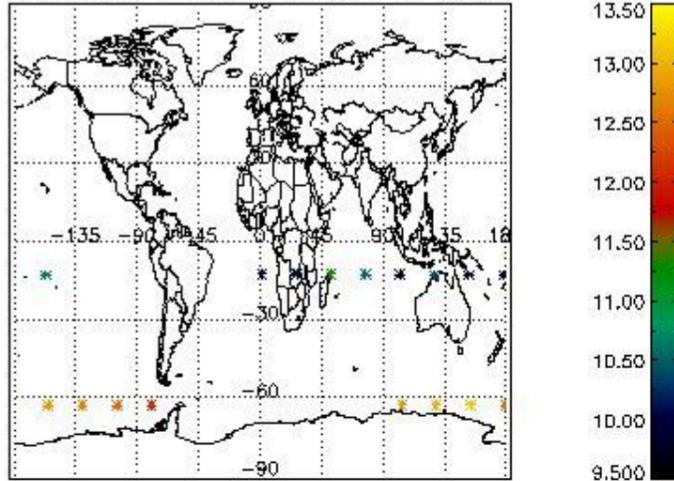
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

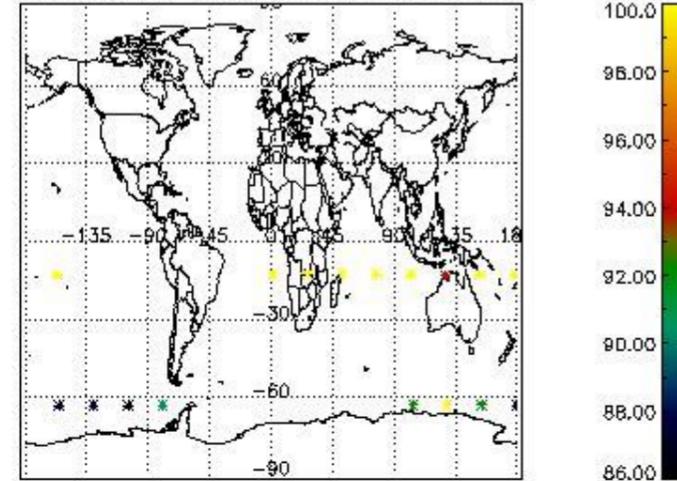


3.2 Plot quality information per product (world map)

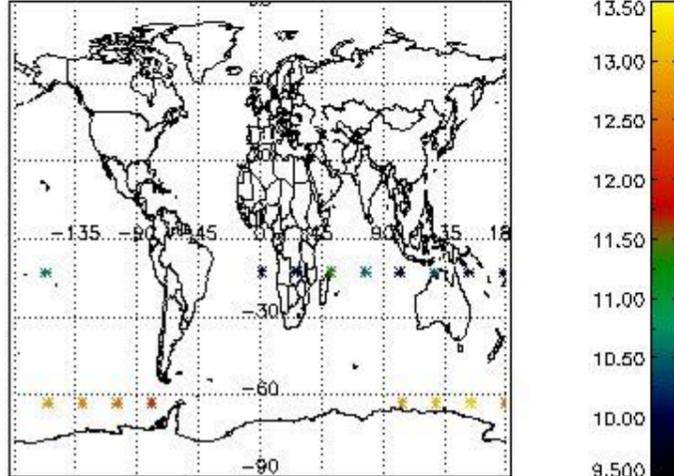
Percentage of flagged data per O3 profile



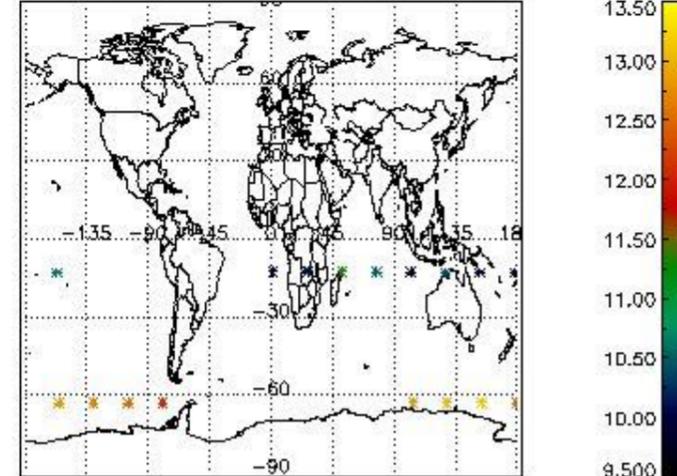
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

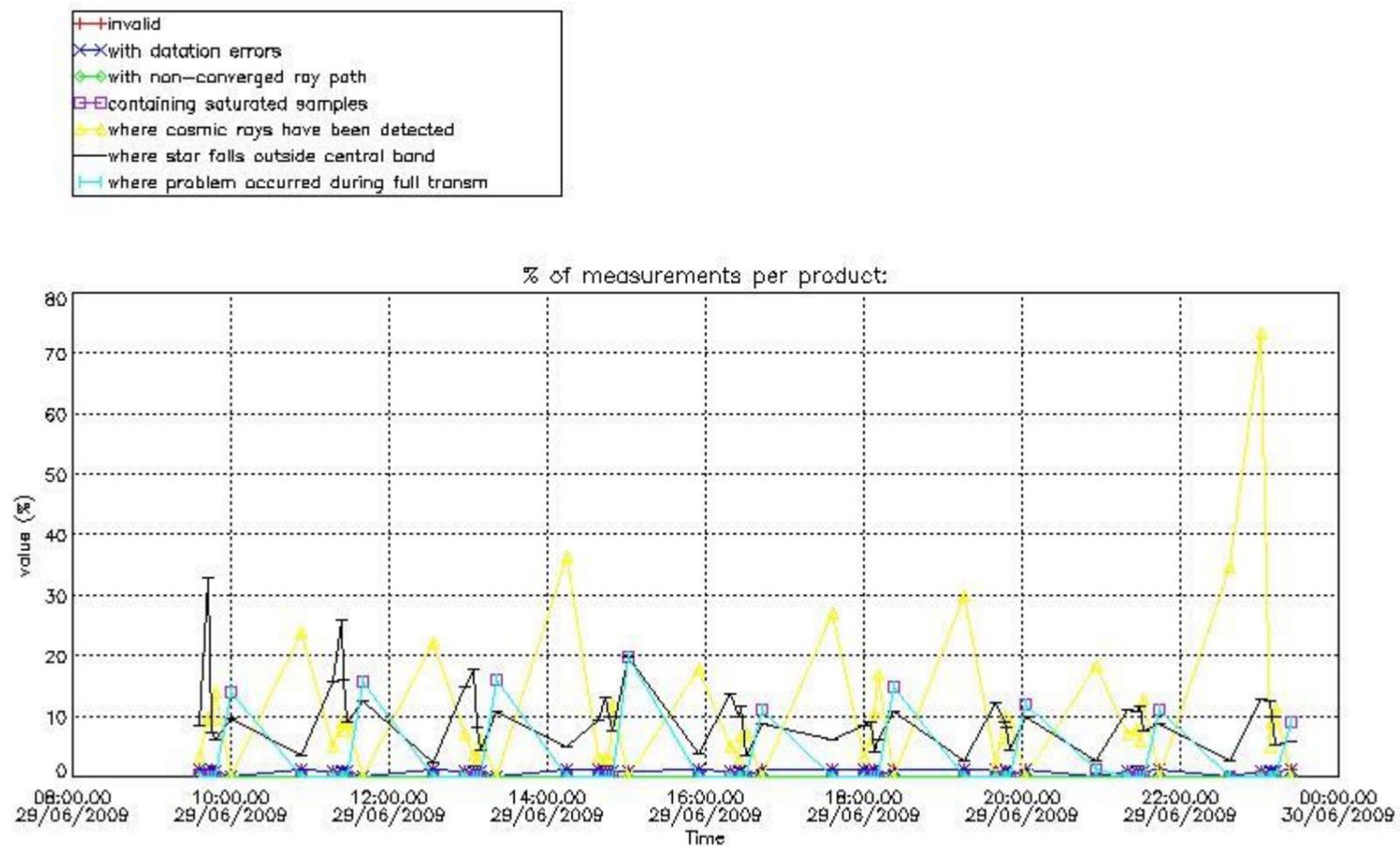


4. Level 1 quality information per product

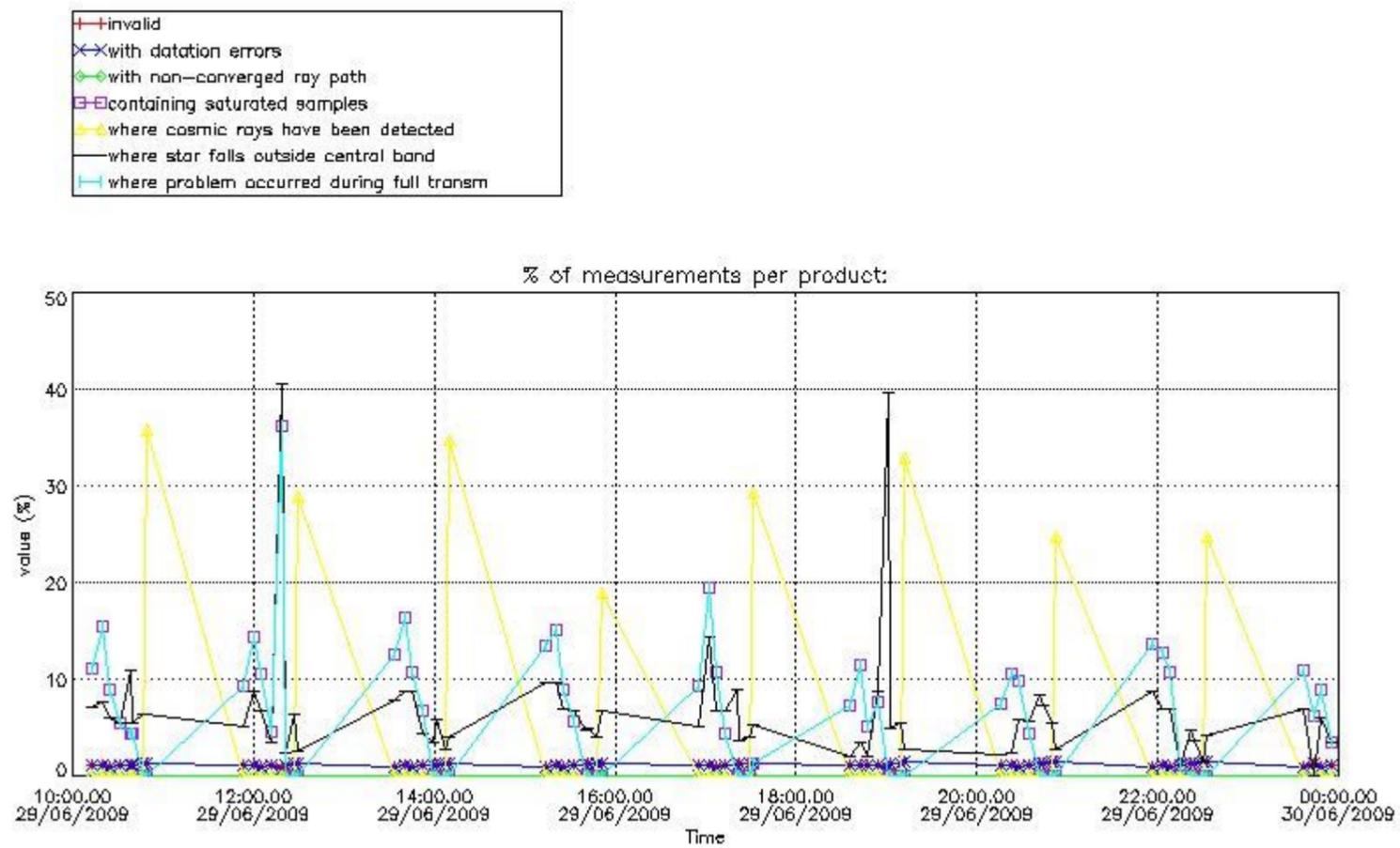
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



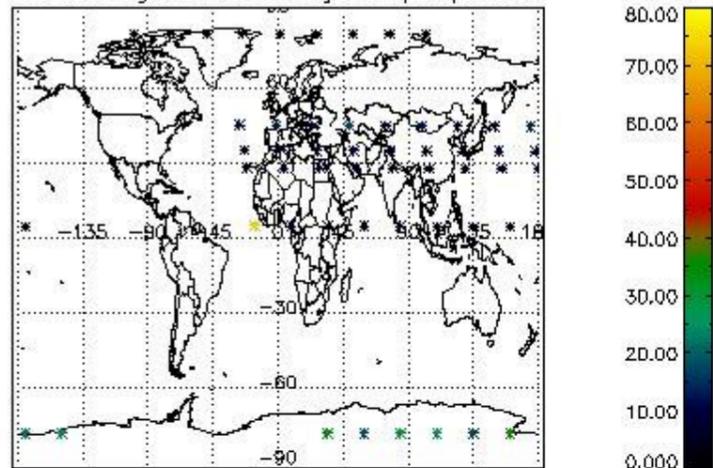
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



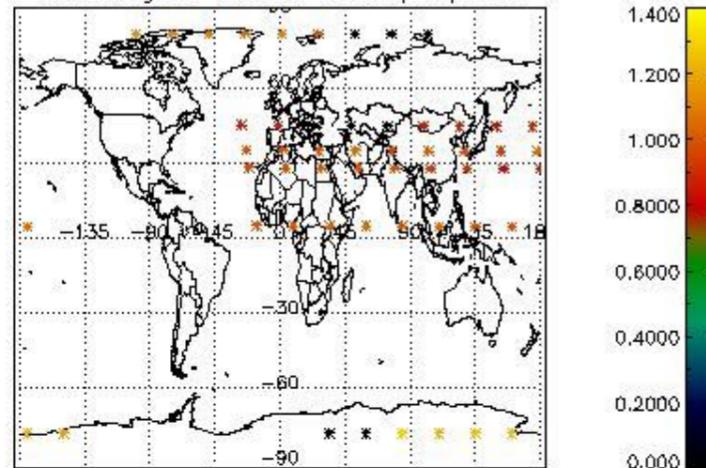
4.2 Plot quality information per product coming from level 1b processing (world map)

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

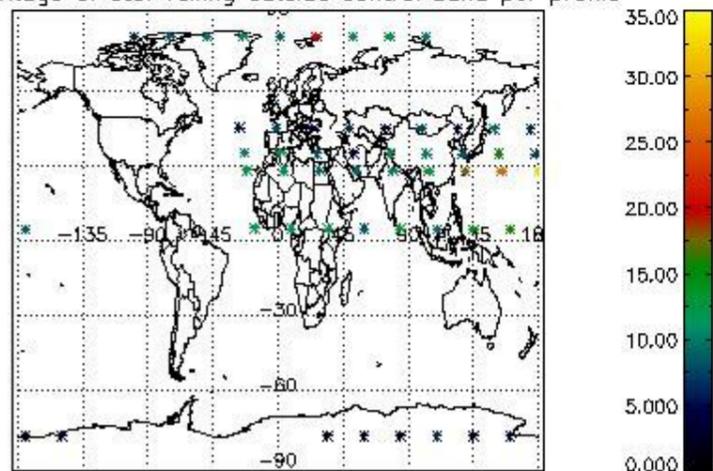
Percentage of cosmic ray hits per profile



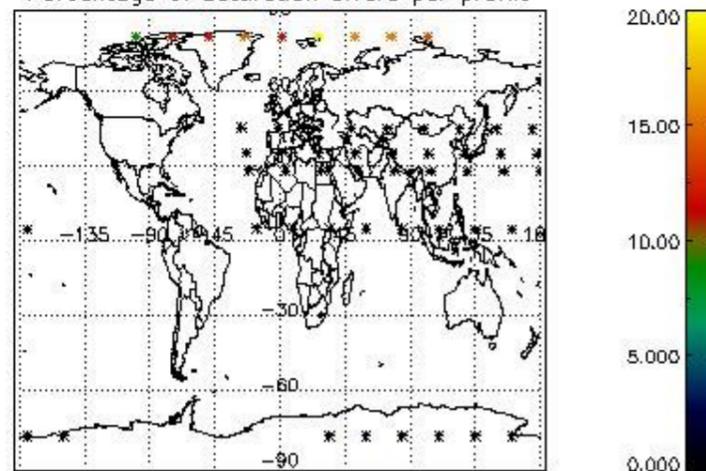
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

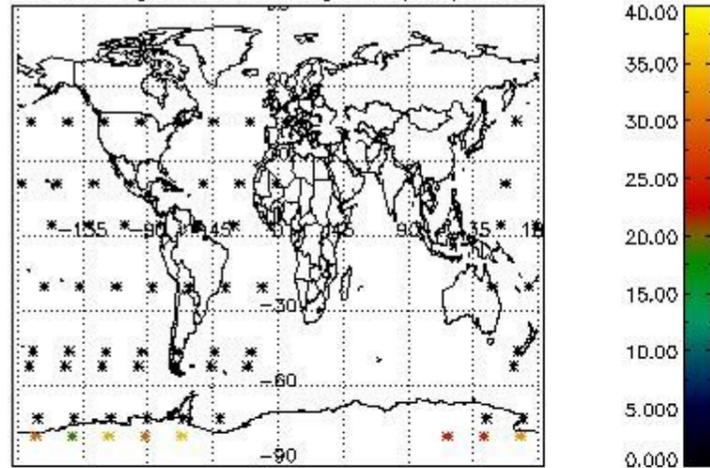


Percentage of saturation errors per profile

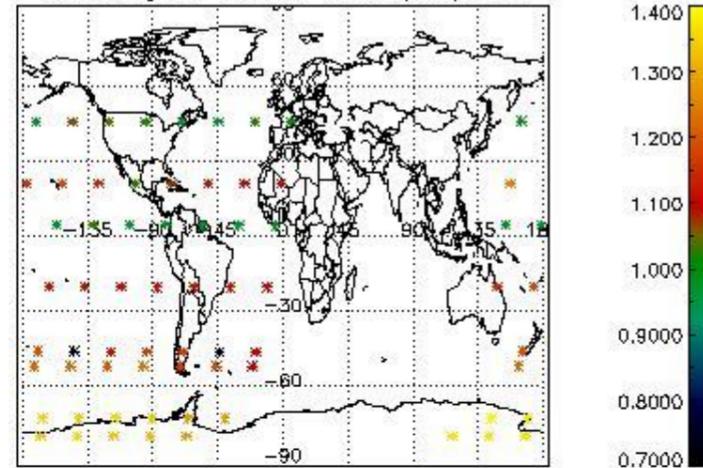


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

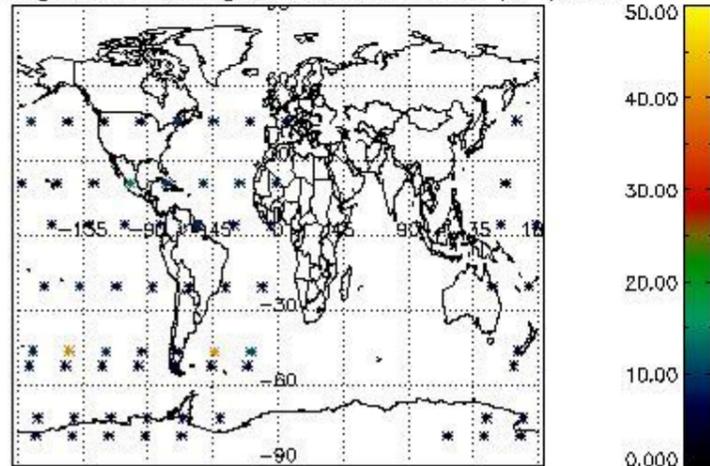
Percentage of cosmic ray hits per profile



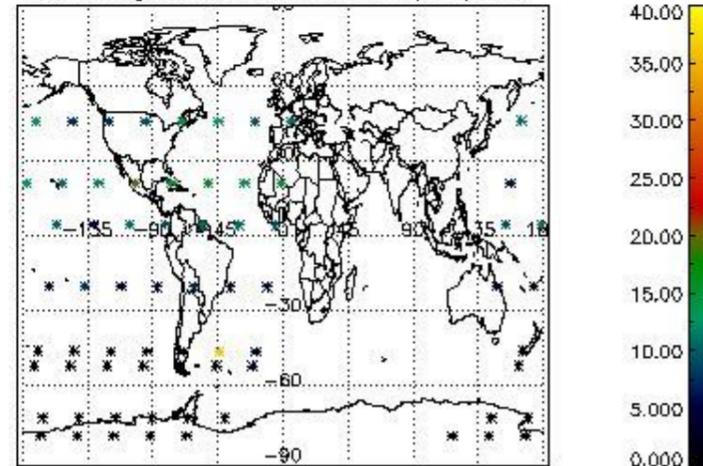
Percentage of datation errors per profile



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

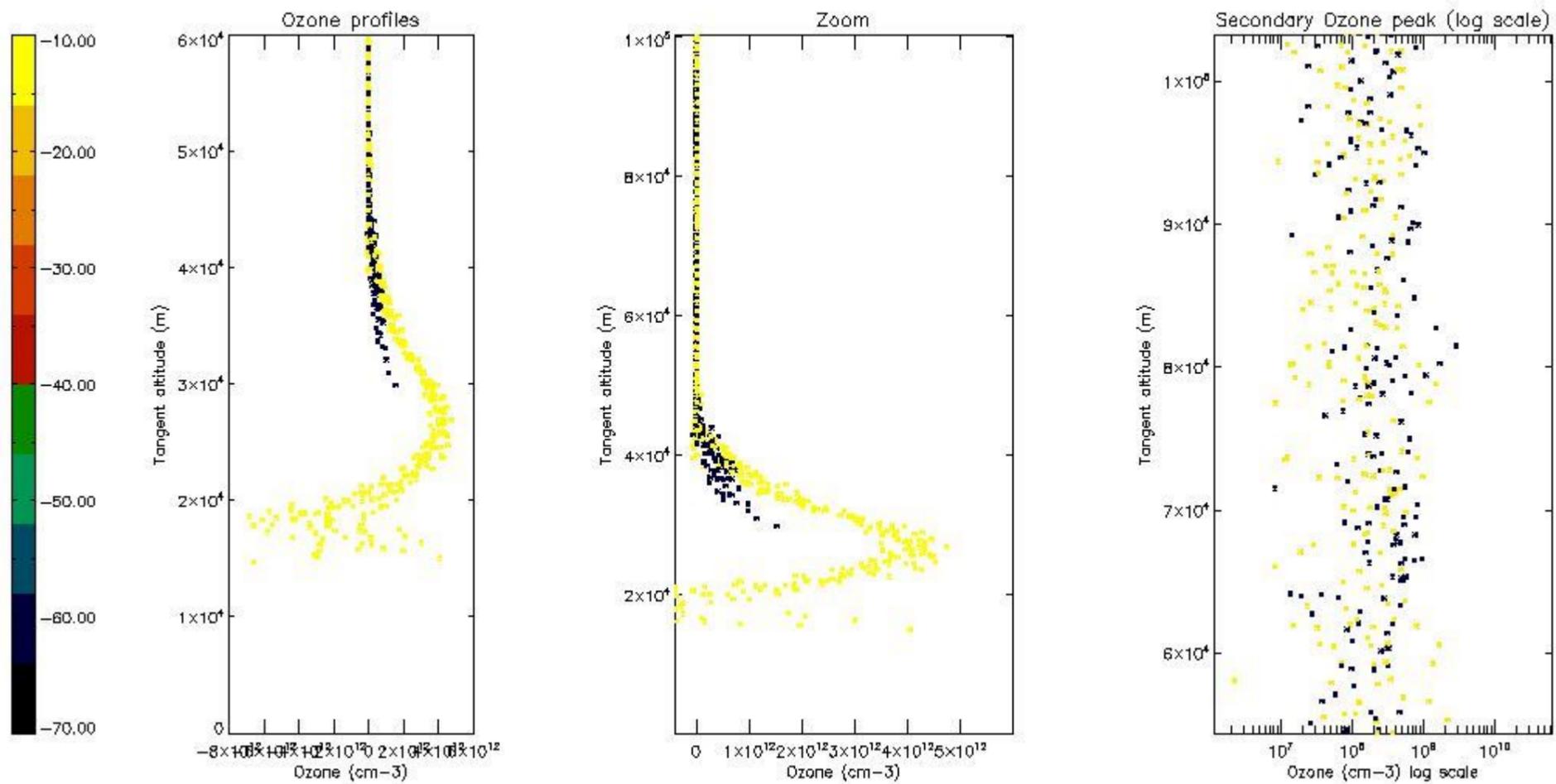
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	14
STD < 20	3

STD < 10	1
STD < 5	0

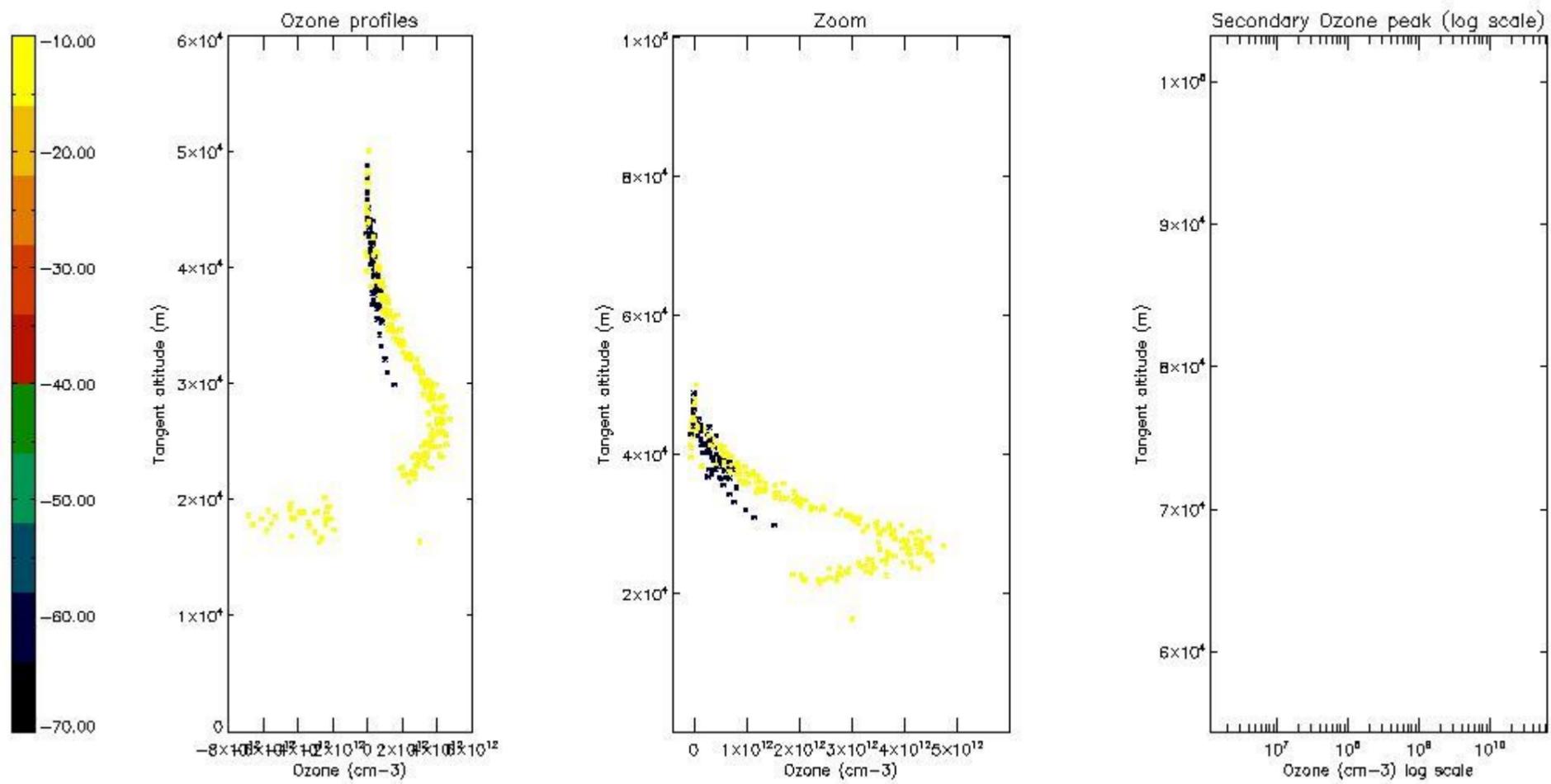
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



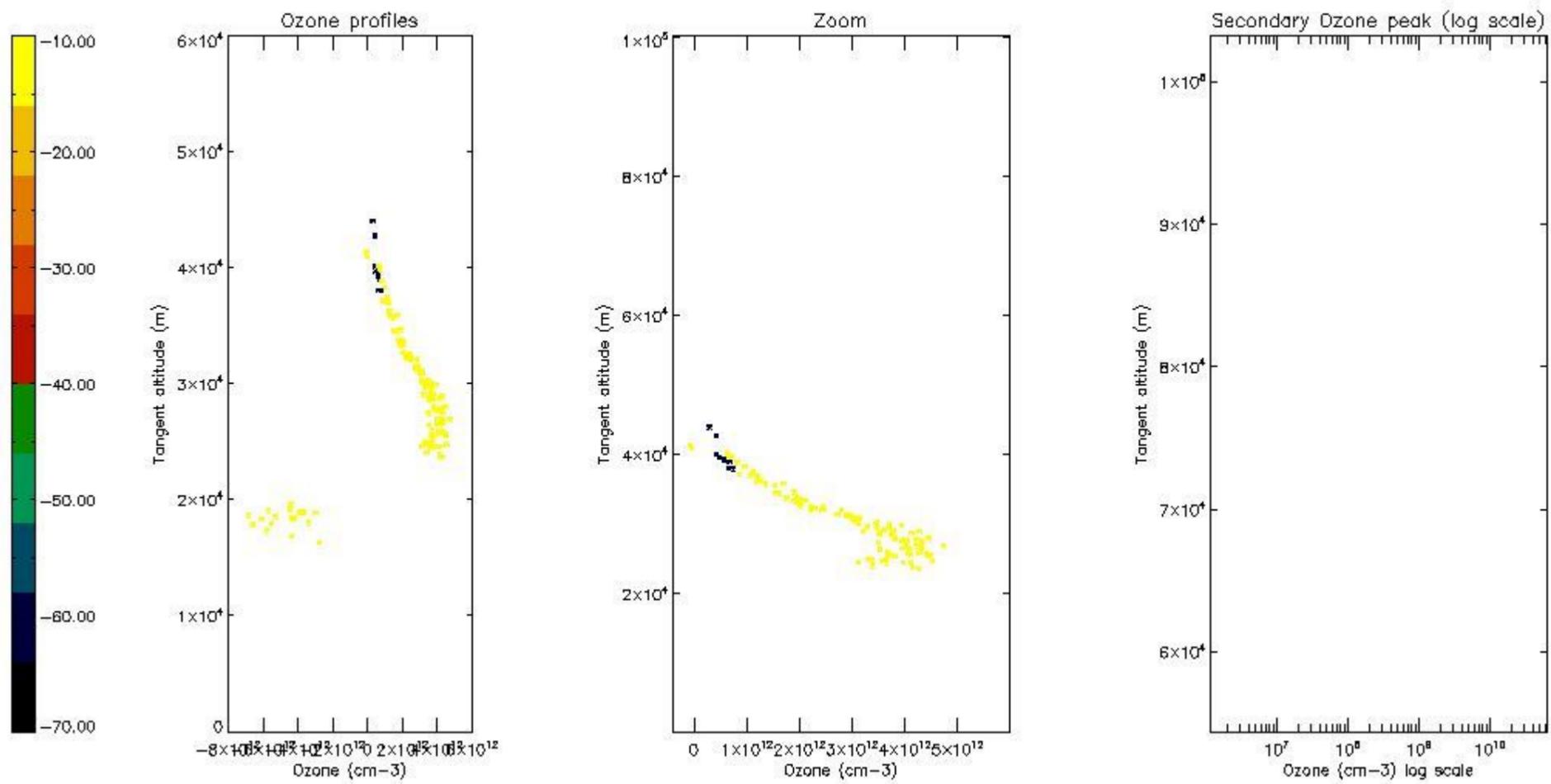
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



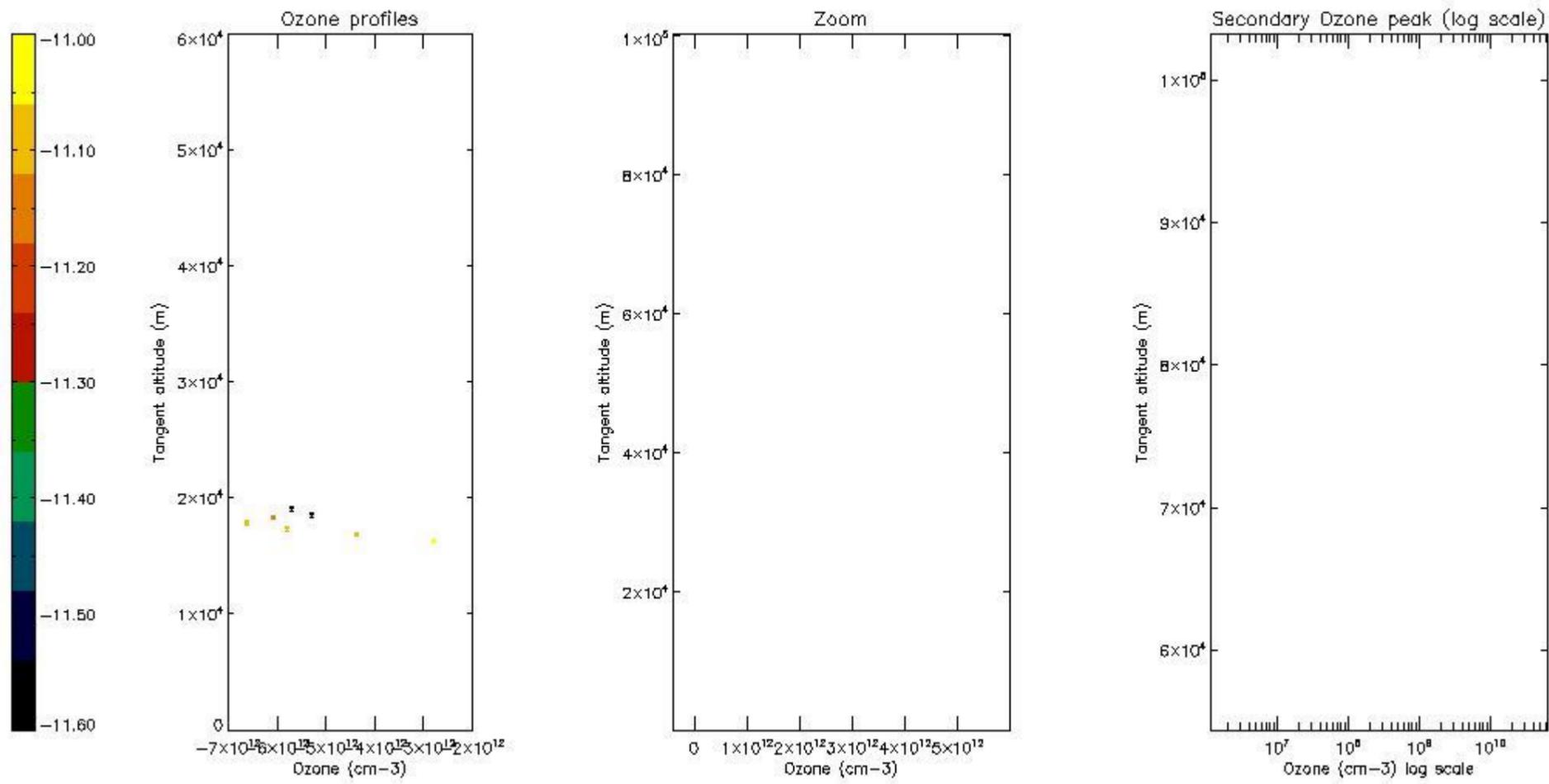
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



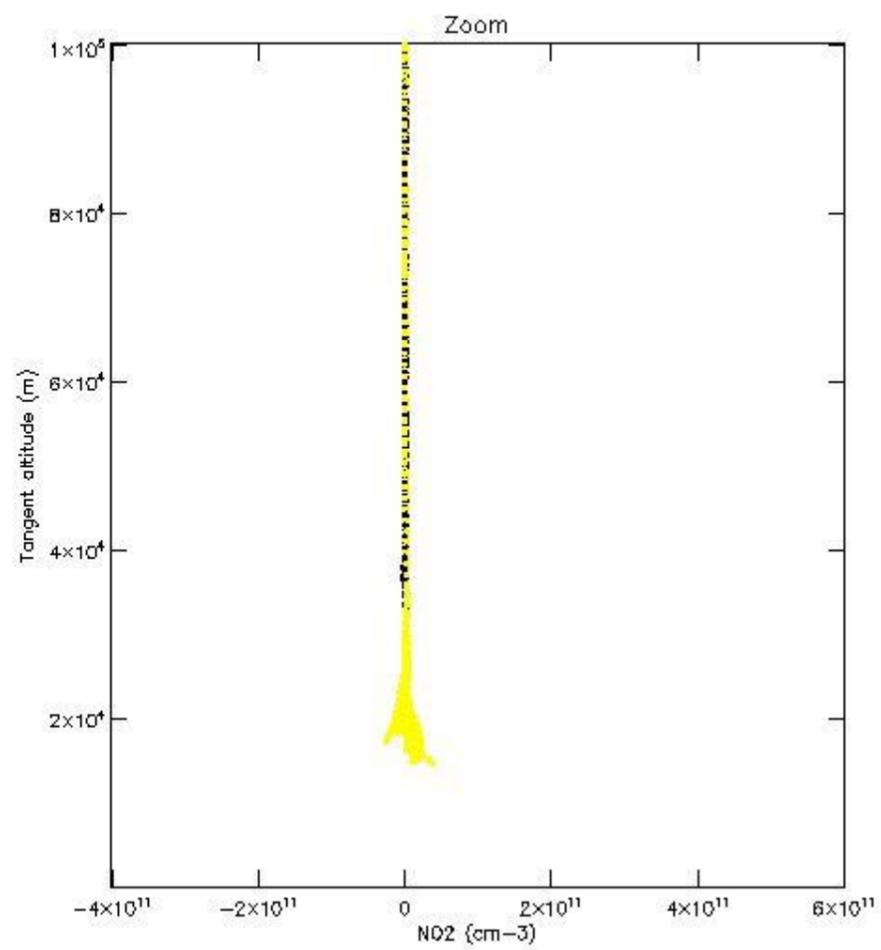
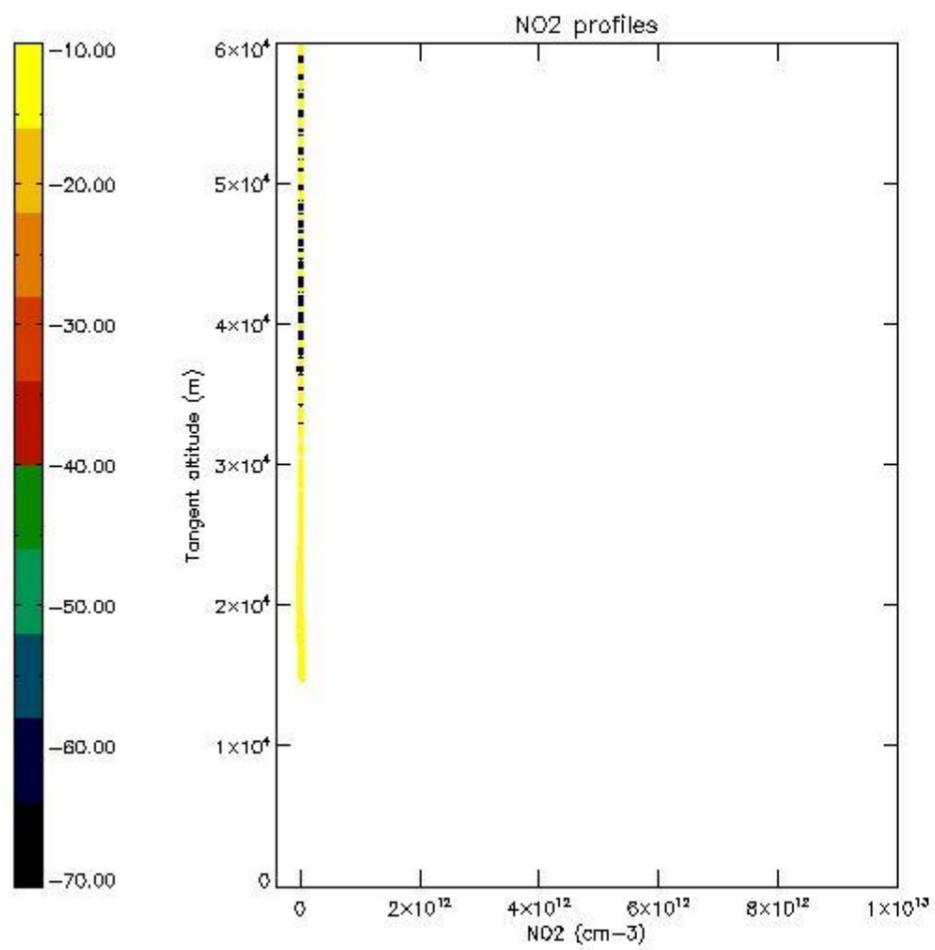
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



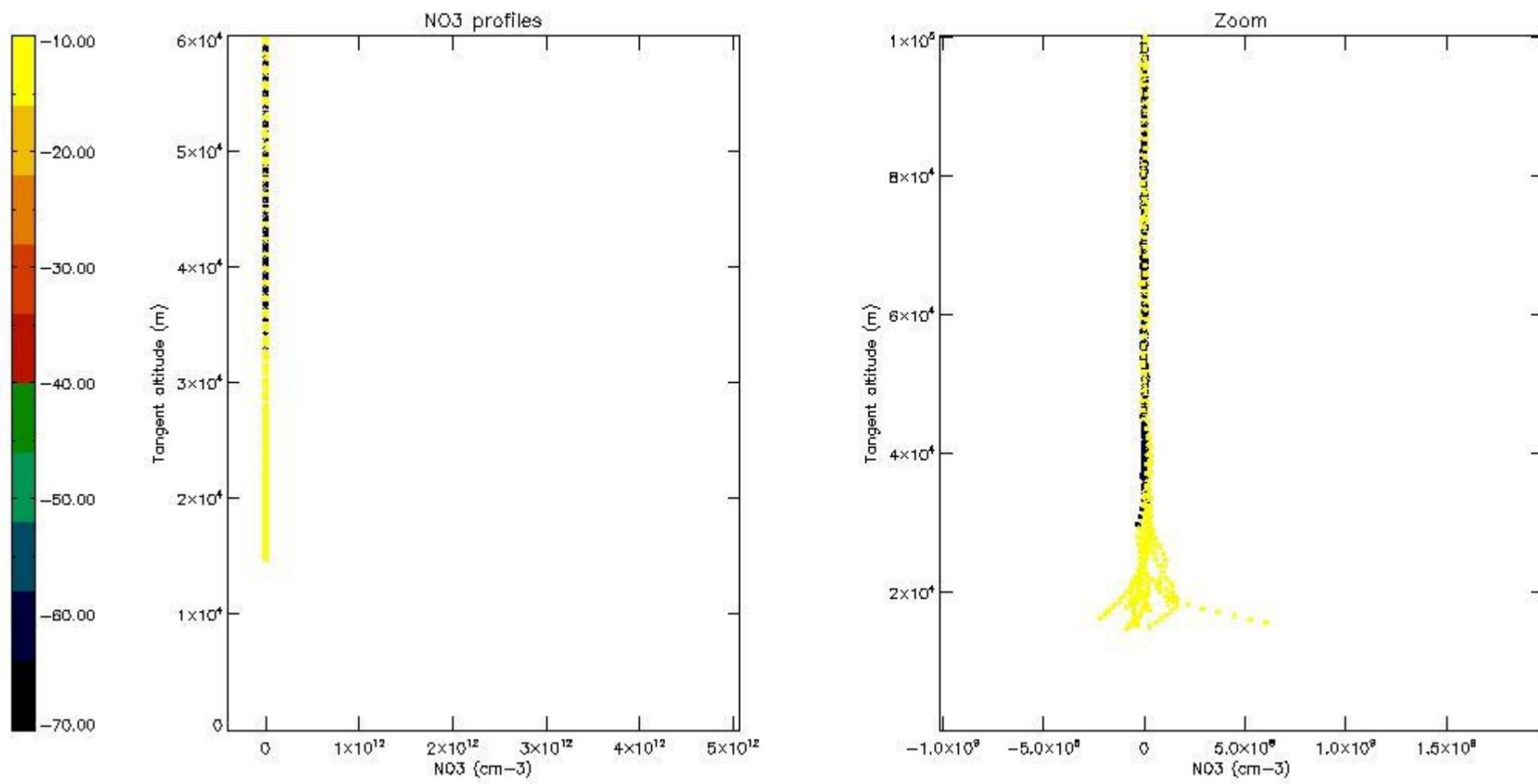
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



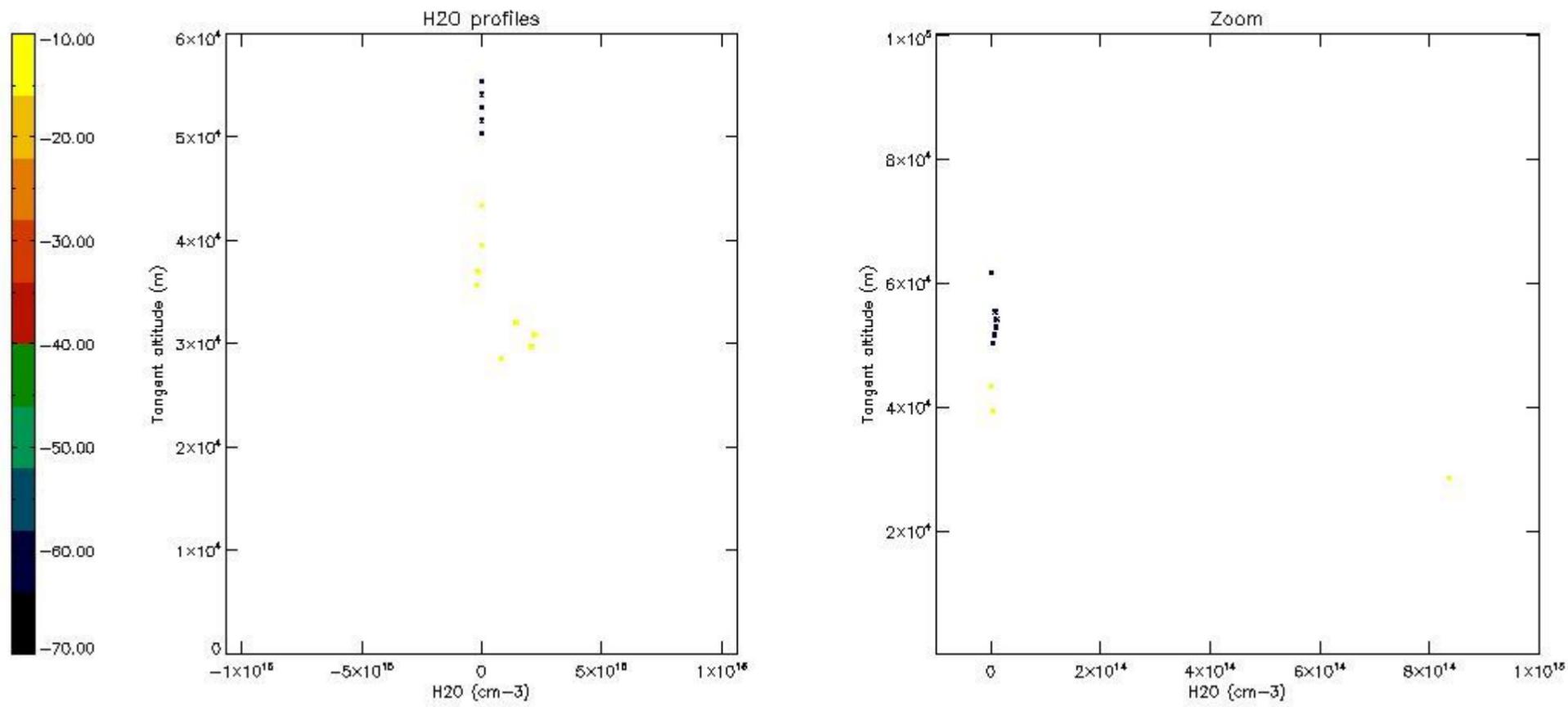
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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-JUN-2009 09:36:19
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-JUN-2009 09:36:19
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-JUN-2009 09:36:19

GOMOS Level 2 Daily Report

SUMMARY

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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](#)

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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 \(dark without errors\)](#)

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 10:25:05
Data source version	GOMOS/6.01
Start time of products	29-06-2009 (29JUN2009 00:00:00)
Stop time of products	30-06-2009 (30JUN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	121
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__2PRFIN20090629_093619_000000482080_00194_38324_6613.N1	29-JUN-2009 09:36:19	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	38324	No
2	GOM_NL__2PRFIN20090629_094249_000000662080_00194_38324_6614.N1	29-JUN-2009 09:42:49	Straylight	65.500	63	Bet Gru	2.1500	2800.0	131	38324	No
3	GOM_NL__2PRFIN20090629_094447_000000482080_00194_38324_6615.N1	29-JUN-2009 09:44:47	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38324	No
4	GOM_NL__2PRFIN20090629_094735_000000572080_00194_38324_6616.N1	29-JUN-2009 09:47:35	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	38324	No
5	GOM_NL__2PRFIN20090629_095940_000000472080_00194_38324_6617.N1	29-JUN-2009 09:59:40	Bright	46.500	155	41Pi Sgr	2.9000	6600.0	93	38324	No
6	GOM_NL__2PRFIN20090629_101229_000000502080_00194_38324_6618.N1	29-JUN-2009 10:12:29	Bright	50.000	168	17Zet Aql	2.9860	11000.	100	38324	No
7	GOM_NL__2PRFIN20090629_101927_000000462080_00194_38324_6619.N1	29-JUN-2009 10:19:27	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38324	No
8	GOM_NL__2PRFIN20090629_102407_000000512080_00194_38324_6620.N1	29-JUN-2009 10:24:07	Bright	50.500	144	18Del Cyg	2.8600	11000.	101	38324	No
9	GOM_NL__2PRFIN20090629_103103_000000462080_00194_38324_6621.N1	29-JUN-2009 10:31:03	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	38324	No
10	GOM_NL__2PRFIN20090629_103820_000000462080_00194_38324_6622.N1	29-JUN-2009 10:38:20	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	38324	No
11	GOM_NL__2PRFIN20090629_104000_000000462080_00194_38324_6623.N1	29-JUN-2009 10:40:00	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	38324	No
12	GOM_NL__2PRFIN20090629_104612_000000392080_00194_38324_6624.N1	29-JUN-2009 10:46:12	Bright	39.000	73	57Gam1And	2.2600	13100.	78	38324	No
13	GOM_NL__2PRFIN20090629_104847_000000392080_00194_38324_6625.N1	29-JUN-2009 10:48:47	Tw_i_and_stray	39.000	173	4Bet Tri	3.0040	8900.0	78	38324	No
14	GOM_NL__2PRFIN20090629_105256_000000422080_00194_38324_6626.N1	29-JUN-2009 10:52:56	Dark	42.000	50	13Alp Ari	2.0070	4250.0	84	38324	No
15	GOM_NL__2PRFIN20090629_111656_000000512080_00195_38325_6627.N1	29-JUN-2009 11:16:56	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	38325	No
16	GOM_NL__2PRFIN20090629_112325_000000622080_00195_38325_6628.N1	29-JUN-2009 11:23:25	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	38325	No
17	GOM_NL__2PRFIN20090629_112523_000000542080_00195_38325_6629.N1	29-JUN-2009 11:25:23	Straylight	53.500	31	Alp Gru	1.7340	15200.	107	38325	No
18	GOM_NL__2PRFIN20090629_112812_000000612080_00195_38325_6630.N1	29-JUN-2009 11:28:12	Straylight	60.500	172	Gam Gru	3.0030	13100.	121	38325	No
19	GOM_NL__2PRFIN20090629_114016_000000482080_00195_38325_6631.N1	29-JUN-2009 11:40:16	Bright	47.500	155	41Pi Sgr	2.9000	6600.0	95	38325	No
20	GOM_NL__2PRFIN20090629_115304_000000492080_00195_38325_6632.N1	29-JUN-2009 11:53:04	Bright	49.000	168	17Zet Aql	2.9860	11000.	98	38325	No
21	GOM_NL__2PRFIN20090629_120002_000000462080_00195_38325_6633.N1	29-JUN-2009 12:00:02	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38325	No
22	GOM_NL__2PRFIN20090629_120442_000000522080_00195_38325_6634.N1	29-JUN-2009 12:04:42	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	38325	No
23	GOM_NL__2PRFIN20090629_121138_000000452080_00195_38325_6635.N1	29-JUN-2009 12:11:38	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	38325	No
24	GOM_NL__2PRFIN20090629_121856_000000692080_00195_38325_6636.N1	29-JUN-2009 12:18:56	Bright	69.000	74	11Bet Cas	2.2680	6600.0	138	38325	No
25	GOM_NL__2PRFIN20090629_122036_000000432080_00195_38325_6637.N1	29-JUN-2009 12:20:36	Bright	42.500	68	18Alp Cas	2.2250	4500.0	85	38325	No
26	GOM_NL__2PRFIN20090629_122648_000000392080_00195_38325_6638.N1	29-JUN-2009 12:26:48	Bright	39.000	73	57Gam1And	2.2600	13100.	78	38325	No
27	GOM_NL__2PRFIN20090629_122923_000000382080_00195_38325_6639.N1	29-JUN-2009 12:29:23	Tw_i_and_stray	38.000	173	4Bet Tri	3.0040	8900.0	76	38325	No
28	GOM_NL__2PRFIN20090629_123333_000000412080_00195_38325_6640.N1	29-JUN-2009 12:33:33	Dark	40.500	50	13Alp Ari	2.0070	4250.0	81	38325	No
29	GOM_NL__2PRFIN20090629_125732_000000512080_00196_38326_6641.N1	29-JUN-2009 12:57:32	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	38326	No
30	GOM_NL__2PRFIN20090629_130402_000000562080_00196_38326_6642.N1	29-JUN-2009 13:04:02	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	38326	No
31	GOM_NL__2PRFIN20090629_130600_000000502080_00196_38326_6643.N1	29-JUN-2009 13:06:00	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	38326	No
32	GOM_NL__2PRFIN20090629_130849_000000582080_00196_38326_6644.N1	29-JUN-2009 13:08:49	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	38326	No
33	GOM_NL__2PRFIN20090629_132053_000000472080_00196_38326_6645.N1	29-JUN-2009 13:20:53	Bright	47.000	155	41Pi Sgr	2.9000	6600.0	94	38326	No
34	GOM_NL__2PRFIN20090629_133340_000000522080_00196_38326_6646.N1	29-JUN-2009 13:33:40	Bright	51.500	168	17Zet Aql	2.9860	11000.	103	38326	No
35	GOM_NL__2PRFIN20090629_134038_000000462080_00196_38326_6647.N1	29-JUN-2009 13:40:38	Bright	46.000	5	3Alp Lyr	0.033000	11000.	92	38326	No
36	GOM_NL__2PRFIN20090629_134517_000000522080_00196_38326_6648.N1	29-JUN-2009 13:45:17	Bright	51.500	144	18Del Cyg	2.8600	11000.	103	38326	No
37	GOM_NL__2PRFIN20090629_135213_000000452080_00196_38326_6649.N1	29-JUN-2009 13:52:13	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	38326	No
38	GOM_NL__2PRFIN20090629_135931_000000432080_00196_38326_6650.N1	29-JUN-2009 13:59:31	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	38326	No
39	GOM_NL__2PRFIN20090629_140112_000000432080_00196_38326_6651.N1	29-JUN-2009 14:01:12	Bright	43.000	68	18Alp Cas	2.2250	4500.0	86	38326	No
40	GOM_NL__2PRFIN20090629_140724_000000382080_00196_38326_6652.N1	29-JUN-2009 14:07:24	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38326	No
41	GOM_NL__2PRFIN20090629_140959_000000382080_00196_38326_6653.N1	29-JUN-2009 14:09:59	Tw_i_and_stray	37.500	173	4Bet Tri	3.0040	8900.0	75	38326	No
42	GOM_NL__2PRFIN20090629_141409_000000402080_00196_38326_6654.N1	29-JUN-2009 14:14:09	Dark	40.000	50	13Alp Ari	2.0070	4250.0	80	38326	No

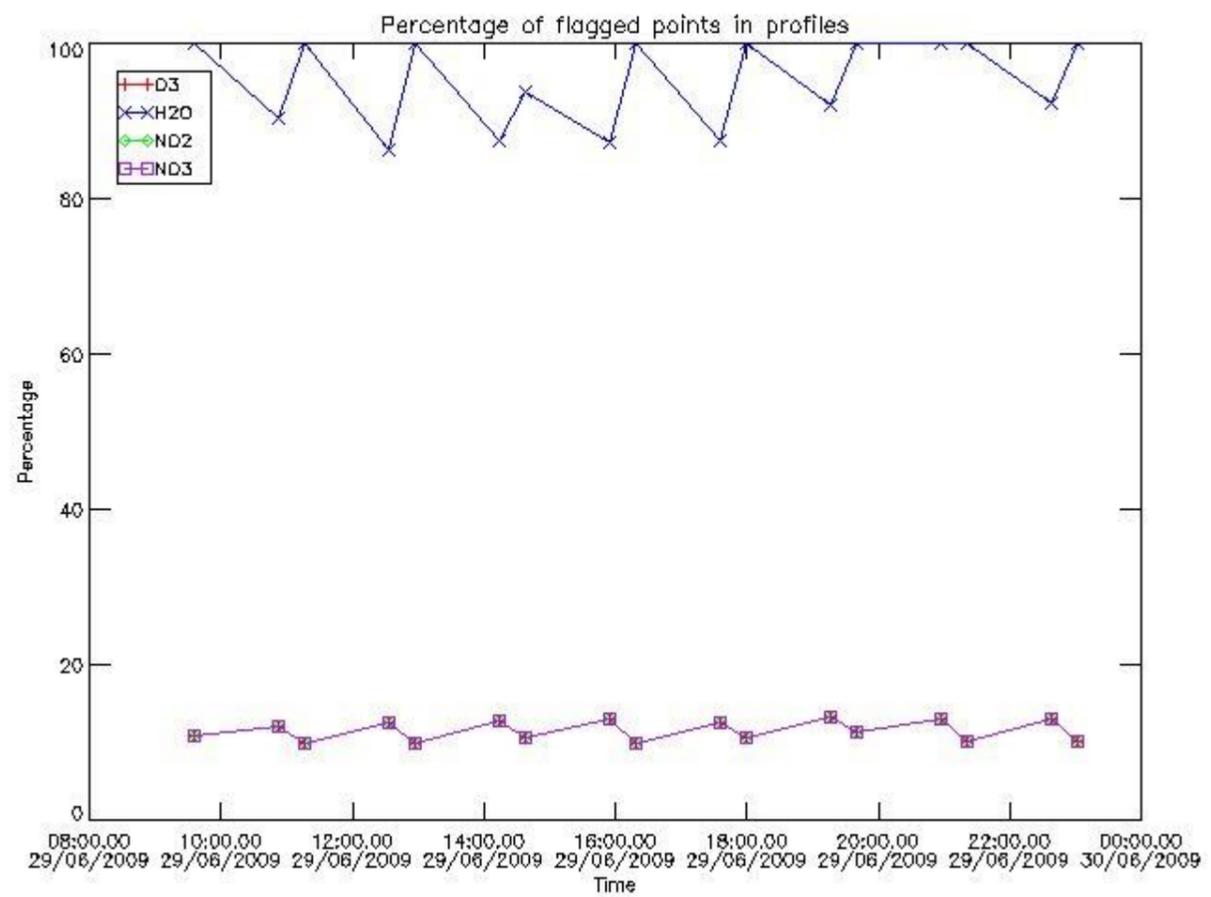
43	GOM_NL__2PRFIN20090629_143809_00000492080_00197_38327_6656.N1	29-JUN-2009 14:38:09	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	38327	No
44	GOM_NL__2PRFIN20090629_144439_00000542080_00197_38327_6657.N1	29-JUN-2009 14:44:39	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38327	No
45	GOM_NL__2PRFIN20090629_144637_00000502080_00197_38327_6658.N1	29-JUN-2009 14:46:37	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	38327	No
46	GOM_NL__2PRFIN20090629_144926_00000592080_00197_38327_6659.N1	29-JUN-2009 14:49:26	Straylight	58.500	172	Gam Gru	3.0030	13100.	117	38327	No
47	GOM_NL__2PRFIN20090629_150129_00000512080_00197_38327_6660.N1	29-JUN-2009 15:01:29	Bright	50.500	155	41Pi Sgr	2.9000	6600.0	101	38327	No
48	GOM_NL__2PRFIN20090629_151415_00000522080_00197_38327_6661.N1	29-JUN-2009 15:14:15	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	38327	No
49	GOM_NL__2PRFIN20090629_152113_00000472080_00197_38327_6662.N1	29-JUN-2009 15:21:13	Bright	46.500	5	3Alp Lyr	0.033000	11000.	93	38327	No
50	GOM_NL__2PRFIN20090629_152552_00000512080_00197_38327_6663.N1	29-JUN-2009 15:25:52	Bright	50.500	144	18Del Cyg	2.8600	11000.	101	38327	No
51	GOM_NL__2PRFIN20090629_153249_00000452080_00197_38327_6664.N1	29-JUN-2009 15:32:49	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	38327	No
52	GOM_NL__2PRFIN20090629_154007_00000432080_00197_38327_6665.N1	29-JUN-2009 15:40:07	Bright	43.000	74	11Bet Cas	2.2680	6600.0	86	38327	No
53	GOM_NL__2PRFIN20090629_154147_00000412080_00197_38327_6666.N1	29-JUN-2009 15:41:47	Bright	40.500	68	18Alp Cas	2.2250	4500.0	81	38327	No
54	GOM_NL__2PRFIN20090629_154759_00000372080_00197_38327_6667.N1	29-JUN-2009 15:47:59	Bright	37.000	73	57Gam1And	2.2600	13100.	74	38327	No
55	GOM_NL__2PRFIN20090629_155035_00000372080_00197_38327_6668.N1	29-JUN-2009 15:50:35	Twi_and_stray	37.000	173	4Bet Tri	3.0040	8900.0	74	38327	No
56	GOM_NL__2PRFIN20090629_155445_00000402080_00197_38327_6669.N1	29-JUN-2009 15:54:45	Dark	39.500	50	13Alp Ari	2.0070	4250.0	79	38327	No
57	GOM_NL__2PRFIN20090629_161846_00000512080_00198_38328_6670.N1	29-JUN-2009 16:18:46	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	38328	No
58	GOM_NL__2PRFIN20090629_162516_00000512080_00198_38328_6671.N1	29-JUN-2009 16:25:16	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	38328	No
59	GOM_NL__2PRFIN20090629_162714_00000522080_00198_38328_6672.N1	29-JUN-2009 16:27:14	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	38328	No
60	GOM_NL__2PRFIN20090629_163003_00000562080_00198_38328_6673.N1	29-JUN-2009 16:30:03	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	38328	No
61	GOM_NL__2PRFIN20090629_164205_00000462080_00198_38328_6674.N1	29-JUN-2009 16:42:05	Bright	45.500	155	41Pi Sgr	2.9000	6600.0	91	38328	No
62	GOM_NL__2PRFIN20090629_165451_00000492080_00198_38328_6675.N1	29-JUN-2009 16:54:51	Bright	49.000	168	17Zet Aql	2.9860	11000.	98	38328	No
63	GOM_NL__2PRFIN20090629_170149_00000492080_00198_38328_6676.N1	29-JUN-2009 17:01:49	Bright	49.000	5	3Alp Lyr	0.033000	11000.	98	38328	No
64	GOM_NL__2PRFIN20090629_170627_00000522080_00198_38328_6677.N1	29-JUN-2009 17:06:27	Bright	51.500	144	18Del Cyg	2.8600	11000.	103	38328	No
65	GOM_NL__2PRFIN20090629_171324_00000452080_00198_38328_6678.N1	29-JUN-2009 17:13:24	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	38328	No
66	GOM_NL__2PRFIN20090629_172042_00000452080_00198_38328_6679.N1	29-JUN-2009 17:20:42	Bright	45.000	74	11Bet Cas	2.2680	6600.0	90	38328	No
67	GOM_NL__2PRFIN20090629_172223_00000422080_00198_38328_6680.N1	29-JUN-2009 17:22:23	Bright	41.500	68	18Alp Cas	2.2250	4500.0	83	38328	No
68	GOM_NL__2PRFIN20090629_172835_00000382080_00198_38328_6681.N1	29-JUN-2009 17:28:35	Bright	37.500	73	57Gam1And	2.2600	13100.	75	38328	No
69	GOM_NL__2PRFIN20090629_173111_00000382080_00198_38328_6682.N1	29-JUN-2009 17:31:11	Twi_and_stray	37.500	173	4Bet Tri	3.0040	8900.0	75	38328	No
70	GOM_NL__2PRFIN20090629_173521_00000412080_00198_38328_6683.N1	29-JUN-2009 17:35:21	Dark	40.500	50	13Alp Ari	2.0070	4250.0	81	38328	No
71	GOM_NL__2PRFIN20090629_175923_00000482080_00199_38329_6688.N1	29-JUN-2009 17:59:23	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38329	No
72	GOM_NL__2PRFIN20090629_180553_00000502080_00199_38329_6689.N1	29-JUN-2009 18:05:53	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	38329	No
73	GOM_NL__2PRFIN20090629_180751_00000482080_00199_38329_6690.N1	29-JUN-2009 18:07:51	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38329	No
74	GOM_NL__2PRFIN20090629_181041_00000572080_00199_38329_6691.N1	29-JUN-2009 18:10:41	Straylight	56.500	172	Gam Gru	3.0030	13100.	113	38329	No
75	GOM_NL__2PRFIN20090629_182241_00000472080_00199_38329_6692.N1	29-JUN-2009 18:22:41	Bright	47.000	155	41Pi Sgr	2.9000	6600.0	94	38329	No
76	GOM_NL__2PRFIN20090629_183526_00000482080_00199_38329_6693.N1	29-JUN-2009 18:35:26	Bright	48.000	168	17Zet Aql	2.9860	11000.	96	38329	No
77	GOM_NL__2PRFIN20090629_184224_00000442080_00199_38329_6694.N1	29-JUN-2009 18:42:24	Bright	44.000	5	3Alp Lyr	0.033000	11000.	88	38329	No
78	GOM_NL__2PRFIN20090629_184702_00000492080_00199_38329_6695.N1	29-JUN-2009 18:47:02	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	38329	No
79	GOM_NL__2PRFIN20090629_185359_00000462080_00199_38329_6696.N1	29-JUN-2009 18:53:59	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	38329	No
80	GOM_NL__2PRFIN20090629_190118_00000682080_00199_38329_6697.N1	29-JUN-2009 19:01:18	Bright	68.000	74	11Bet Cas	2.2680	6600.0	136	38329	No
81	GOM_NL__2PRFIN20090629_190258_00000412080_00199_38329_6698.N1	29-JUN-2009 19:02:58	Bright	41.000	68	18Alp Cas	2.2250	4500.0	82	38329	No
82	GOM_NL__2PRFIN20090629_190911_00000372080_00199_38329_6699.N1	29-JUN-2009 19:09:11	Bright	37.000	73	57Gam1And	2.2600	13100.	74	38329	No
83	GOM_NL__2PRFIN20090629_191147_00000372080_00199_38329_6700.N1	29-JUN-2009 19:11:47	Twi_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38329	No
84	GOM_NL__2PRFIN20090629_191558_00000392080_00199_38329_6701.N1	29-JUN-2009 19:15:58	Dark	38.500	50	13Alp Ari	2.0070	4250.0	77	38329	No
85	GOM_NL__2PRFIN20090629_194000_00000492080_00200_38330_6704.N1	29-JUN-2009 19:40:00	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	38330	No
86	GOM_NL__2PRFIN20090629_194630_00000502080_00200_38330_6705.N1	29-JUN-2009 19:46:30	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	38330	No
87	GOM_NL__2PRFIN20090629_194827_00000502080_00200_38330_6706.N1	29-JUN-2009 19:48:27	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	38330	No
88	GOM_NL__2PRFIN20090629_195118_00000562080_00200_38330_6707.N1	29-JUN-2009 19:51:18	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	38330	No
89	GOM_NL__2PRFIN20090629_200317_00000462080_00200_38330_6708.N1	29-JUN-2009 20:03:17	Bright	46.000	155	41Pi Sgr	2.9000	6600.0	92	38330	No
90	GOM_NL__2PRFIN20090629_201601_00000472080_00200_38330_6709.N1	29-JUN-2009 20:16:01	Bright	47.000	168	17Zet Aql	2.9860	11000.	94	38330	No
91	GOM_NL__2PRFIN20090629_202259_00000432080_00200_38330_6710.N1	29-JUN-2009 20:22:59	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	38330	No
92	GOM_NL__2PRFIN20090629_202737_00000512080_00200_38330_6711.N1	29-JUN-2009 20:27:37	Bright	51.000	144	18Del Cyg	2.8600	11000.	102	38330	No
93	GOM_NL__2PRFIN20090629_203434_00000452080_00200_38330_6712.N1	29-JUN-2009 20:34:34	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	38330	No
94	GOM_NL__2PRFIN20090629_204153_00000422080_00200_38330_6713.N1	29-JUN-2009 20:41:53	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	38330	No
95	GOM_NL__2PRFIN20090629_204334_00000412080_00200_38330_6714.N1	29-JUN-2009 20:43:34	Bright	41.000	68	18Alp Cas	2.2250	4500.0	82	38330	No
96	GOM_NL__2PRFIN20090629_204947_00000372080_00200_38330_6715.N1	29-JUN-2009 20:49:47	Bright	36.500	73	57Gam1And	2.2600	13100.	73	38330	No
97	GOM_NL__2PRFIN20090629_205223_00000372080_00200_38330_6716.N1	29-JUN-2009 20:52:23	Twi_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38330	No
98	GOM_NL__2PRFIN20090629_205634_00000392080_00200_38330_6717.N1	29-JUN-2009 20:56:34	Dark	38.500	50	13Alp Ari	2.0070	4250.0	77	38330	No
99	GOM_NL__2PRFIN20090629_212037_00000502080_00201_38331_6719.N1	29-JUN-2009 21:20:37	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	38331	No
100	GOM_NL__2PRFIN20090629_212707_00000512080_00201_38331_6720.N1	29-JUN-2009 21:27:07	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	38331	No
101	GOM_NL__2PRFIN20090629_212904_00000512080_00201_38331_6721.N1	29-JUN-2009 21:29:04	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38331	No

102	GOM_NL__2PRFIN20090629_213155_000000592080_00201_38331_6722.N1	29-JUN-2009 21:31:55	Straylight	58.500	172	Gam Gru	3.0030	13100.	117	38331	No
103	GOM_NL__2PRFIN20090629_214353_000000462080_00201_38331_6723.N1	29-JUN-2009 21:43:53	Bright	45.500	155	41Pi Sgr	2.9000	6600.0	91	38331	No
104	GOM_NL__2PRFIN20090629_215636_000000522080_00201_38331_6724.N1	29-JUN-2009 21:56:36	Bright	51.500	168	17Zet Aql	2.9860	11000.	103	38331	No
105	GOM_NL__2PRFIN20090629_220335_000000442080_00201_38331_6725.N1	29-JUN-2009 22:03:35	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	38331	No
106	GOM_NL__2PRFIN20090629_220812_000000512080_00201_38331_6726.N1	29-JUN-2009 22:08:12	Bright	51.000	144	18Del Cyg	2.8600	11000.	102	38331	No
107	GOM_NL__2PRFIN20090629_221510_000000432080_00201_38331_6727.N1	29-JUN-2009 22:15:10	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38331	No
108	GOM_NL__2PRFIN20090629_222228_000000422080_00201_38331_6728.N1	29-JUN-2009 22:22:28	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	38331	No
109	GOM_NL__2PRFIN20090629_222409_000000412080_00201_38331_6729.N1	29-JUN-2009 22:24:09	Bright	41.000	68	18Alp Cas	2.2250	4500.0	82	38331	No
110	GOM_NL__2PRFIN20090629_223023_000000362080_00201_38331_6730.N1	29-JUN-2009 22:30:23	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38331	No
111	GOM_NL__2PRFIN20090629_223259_000000372080_00201_38331_6731.N1	29-JUN-2009 22:32:59	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38331	No
112	GOM_NL__2PRFIN20090629_223710_000000392080_00201_38331_6732.N1	29-JUN-2009 22:37:10	Dark	39.000	50	13Alp Ari	2.0070	4250.0	78	38331	No
113	GOM_NL__2PRFIN20090629_230114_000000512080_00202_38332_6736.N1	29-JUN-2009 23:01:14	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	38332	No
114	GOM_NL__2PRFIN20090629_230744_000000522080_00202_38332_6737.N1	29-JUN-2009 23:07:44	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	38332	No
115	GOM_NL__2PRFIN20090629_230941_000000512080_00202_38332_6738.N1	29-JUN-2009 23:09:41	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	38332	No
116	GOM_NL__2PRFIN20090629_231232_000000582080_00202_38332_6739.N1	29-JUN-2009 23:12:32	Straylight	58.000	172	Gam Gru	3.0030	13100.	116	38332	No
117	GOM_NL__2PRFIN20090629_232429_000000442080_00202_38332_6740.N1	29-JUN-2009 23:24:29	Bright	44.000	155	41Pi Sgr	2.9000	6600.0	88	38332	No
118	GOM_NL__2PRFIN20090629_233712_000000512080_00202_38332_6741.N1	29-JUN-2009 23:37:12	Bright	50.500	168	17Zet Aql	2.9860	11000.	101	38332	No
119	GOM_NL__2PRFIN20090629_234410_000000402080_00202_38332_6742.N1	29-JUN-2009 23:44:10	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	38332	No
120	GOM_NL__2PRFIN20090629_234847_000000512080_00202_38332_6743.N1	29-JUN-2009 23:48:47	Bright	50.500	144	18Del Cyg	2.8600	11000.	101	38332	No
121	GOM_NL__2PRFIN20090629_235545_000000442080_00202_38332_6744.N1	29-JUN-2009 23:55:45	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38332	No

3. Quality information per product

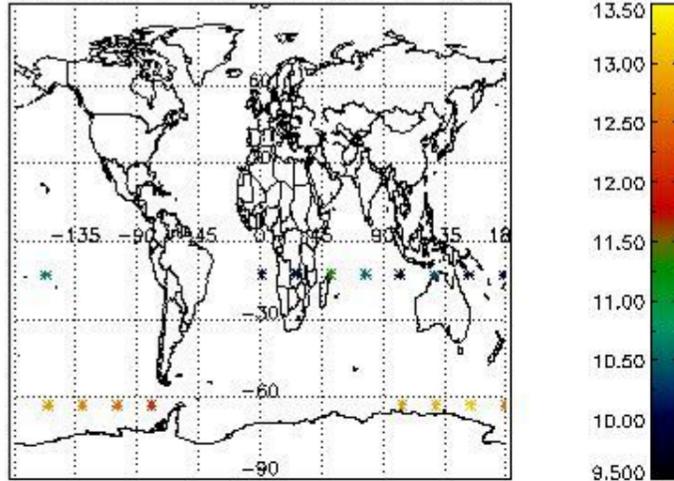
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

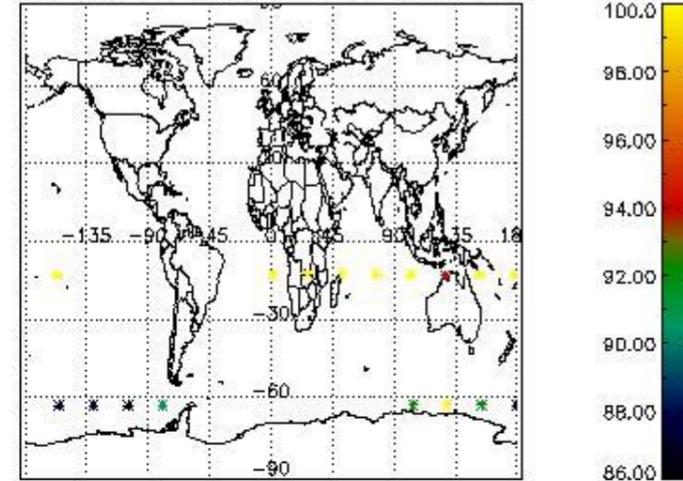


3.2 Plot quality information per product (world map)

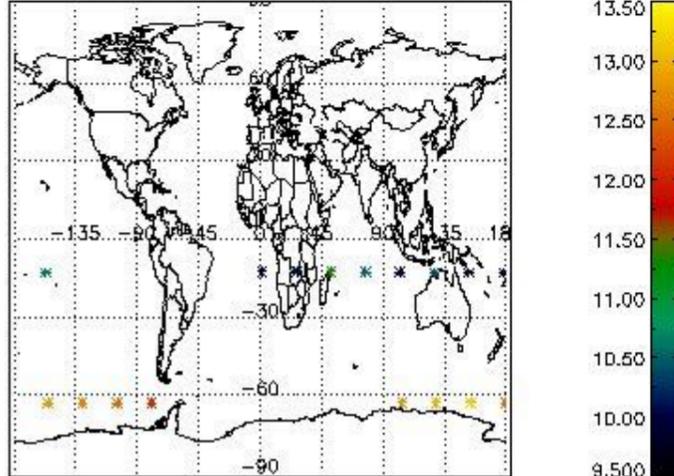
Percentage of flagged data per O3 profile



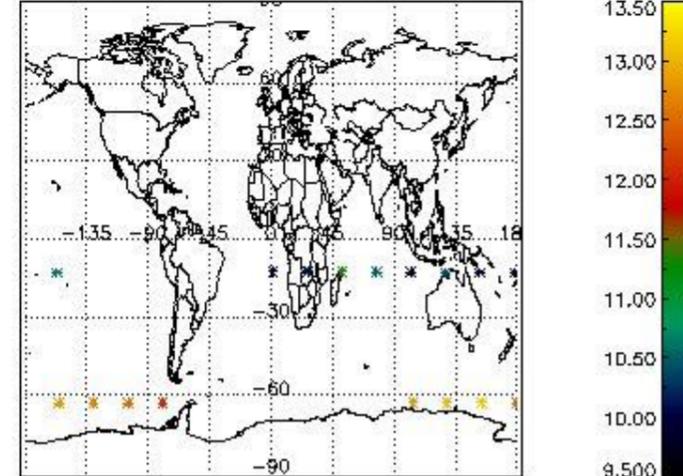
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

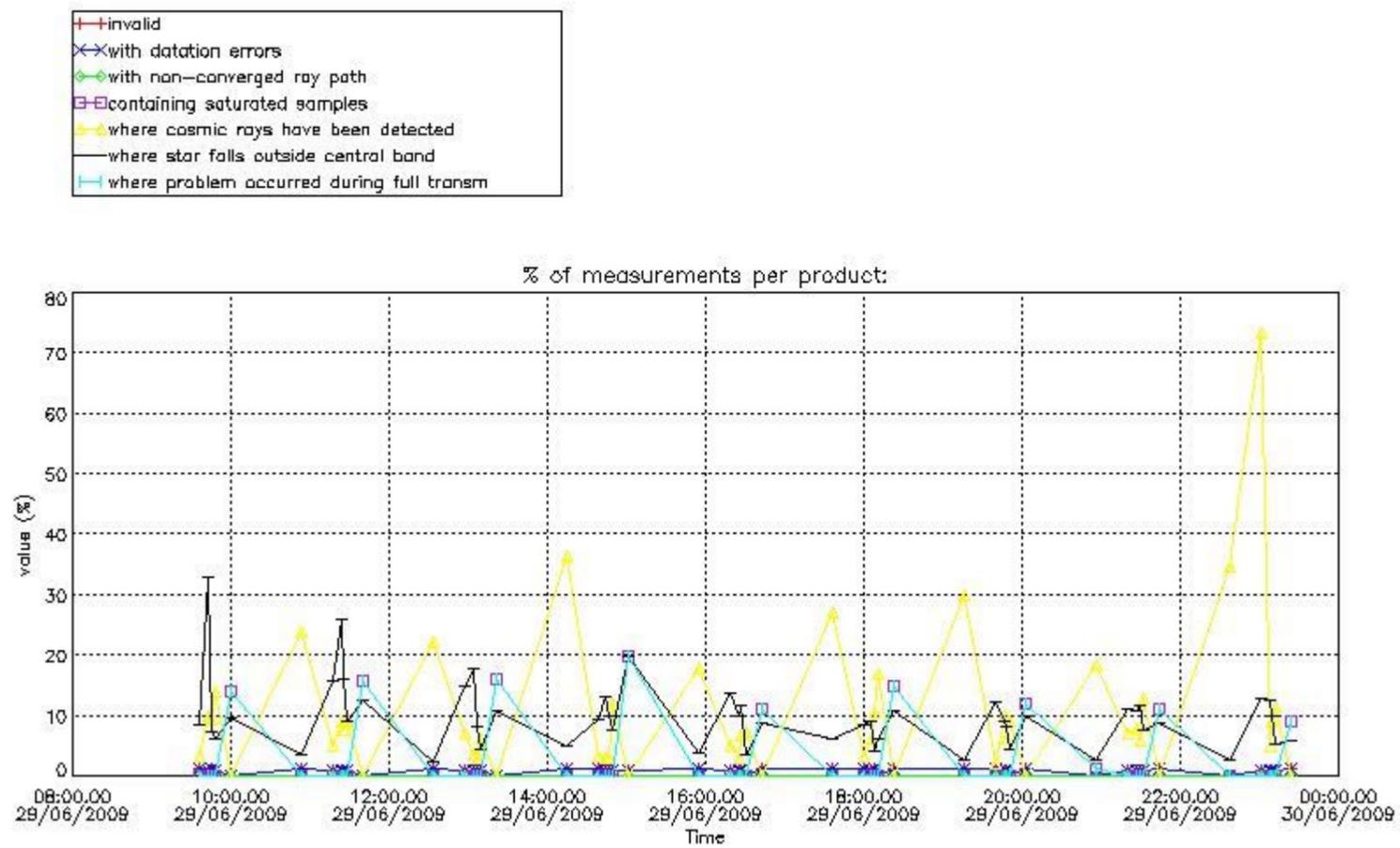


4. Level 1 quality information per product

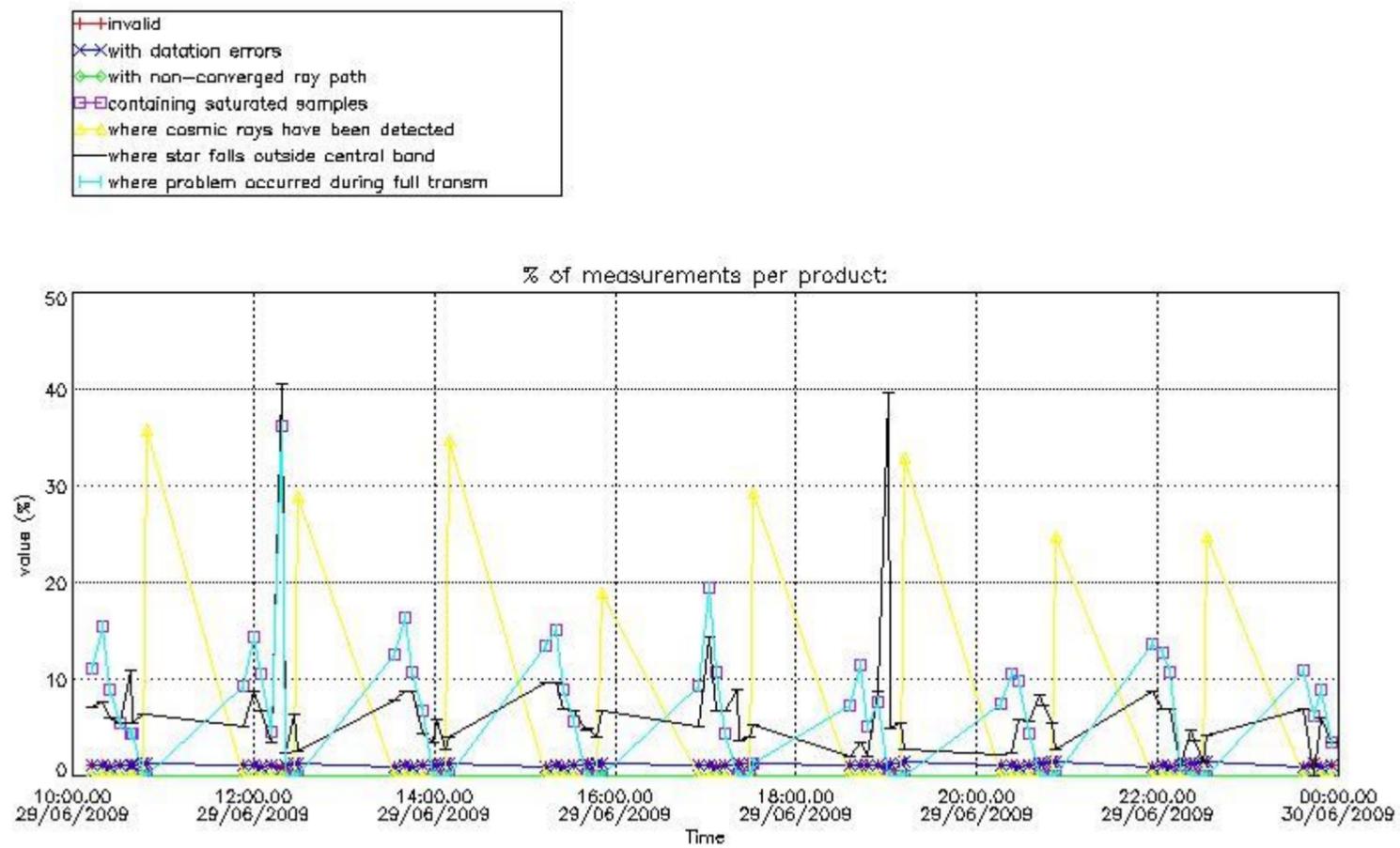
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



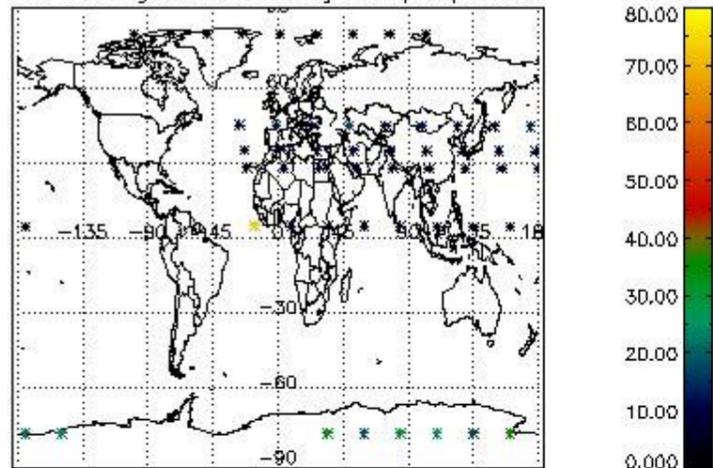
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



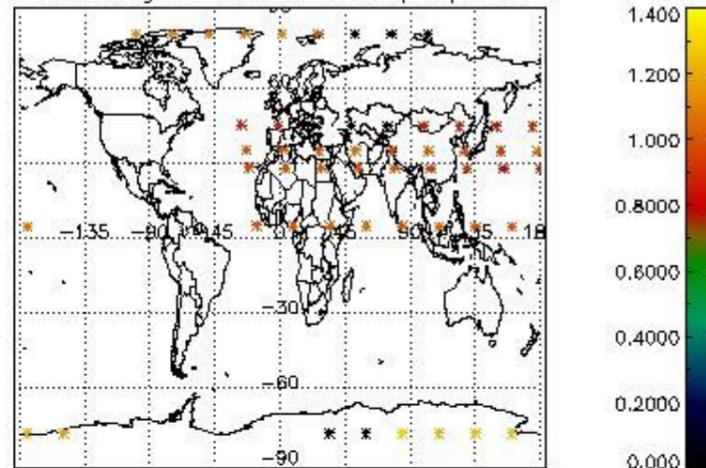
4.2 Plot quality information per product coming from level 1b processing (world map)

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

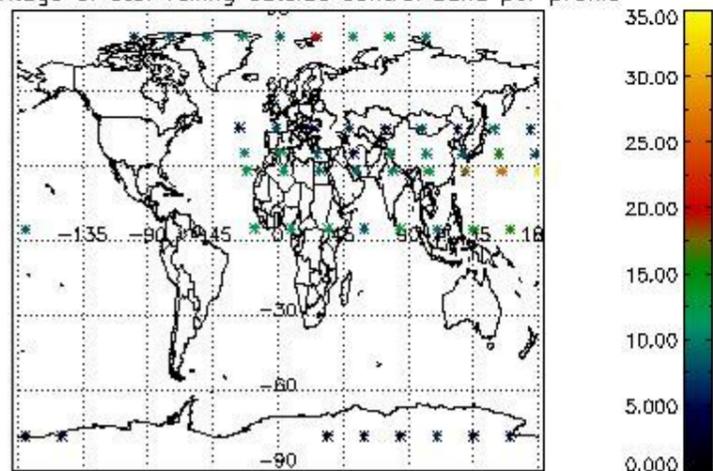
Percentage of cosmic ray hits per profile



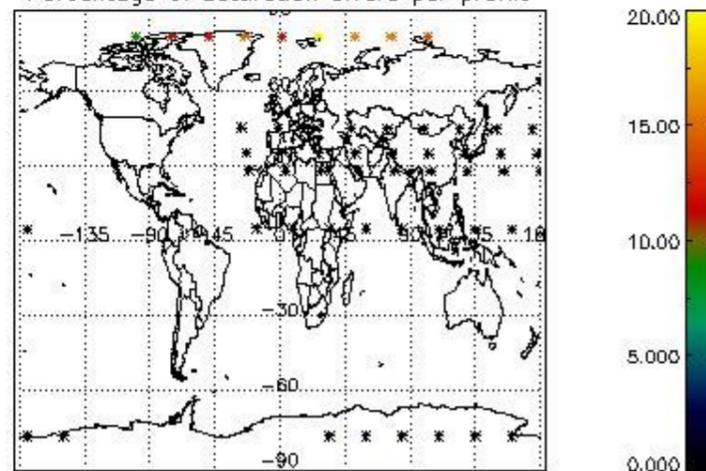
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

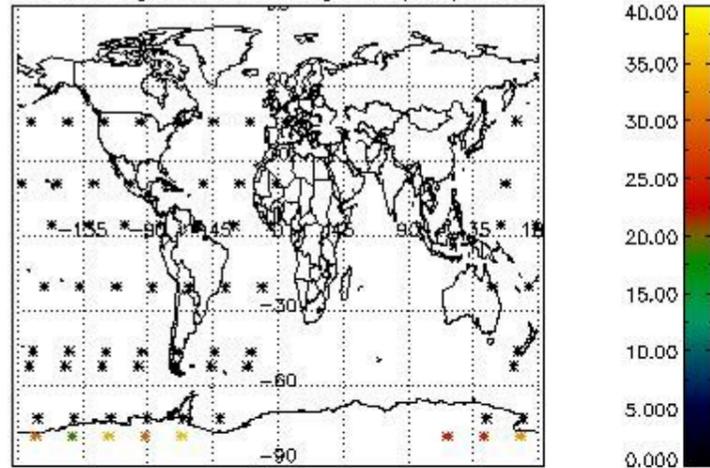


Percentage of saturation errors per profile

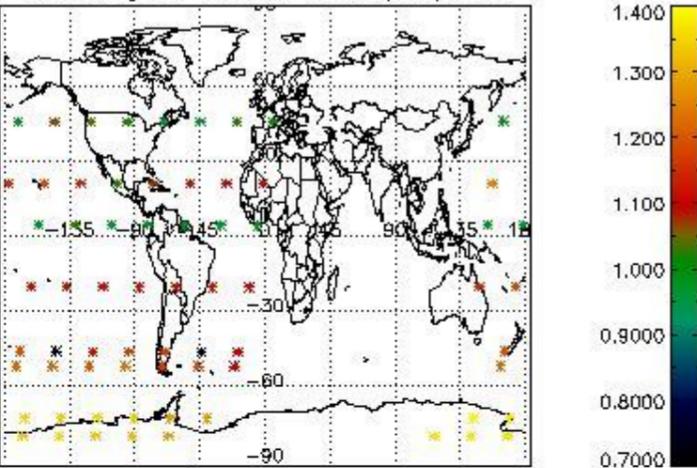


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

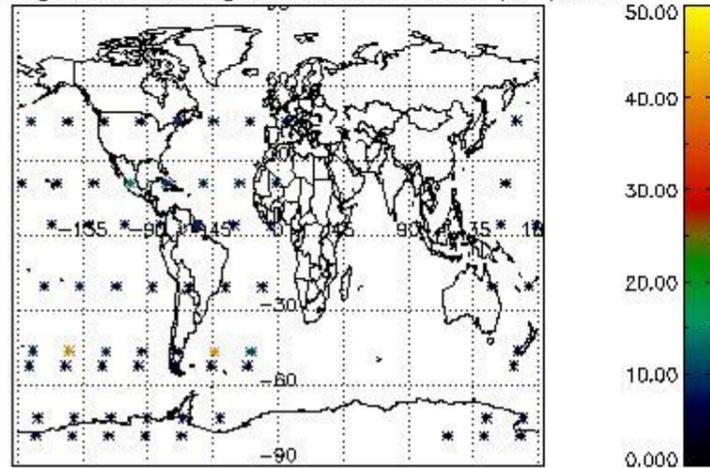
Percentage of cosmic ray hits per profile



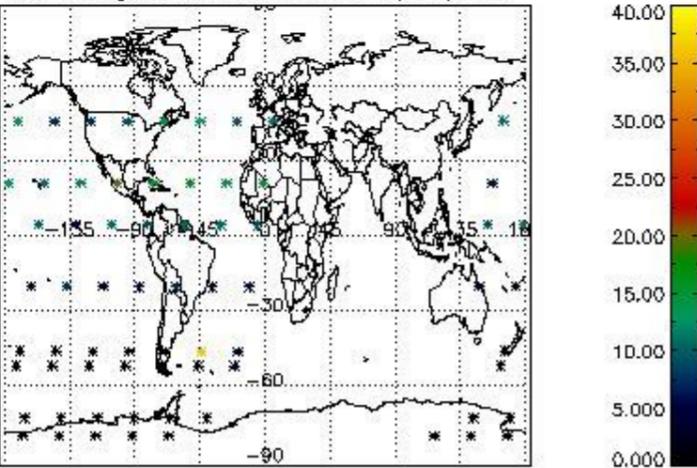
Percentage of datation errors per profile



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

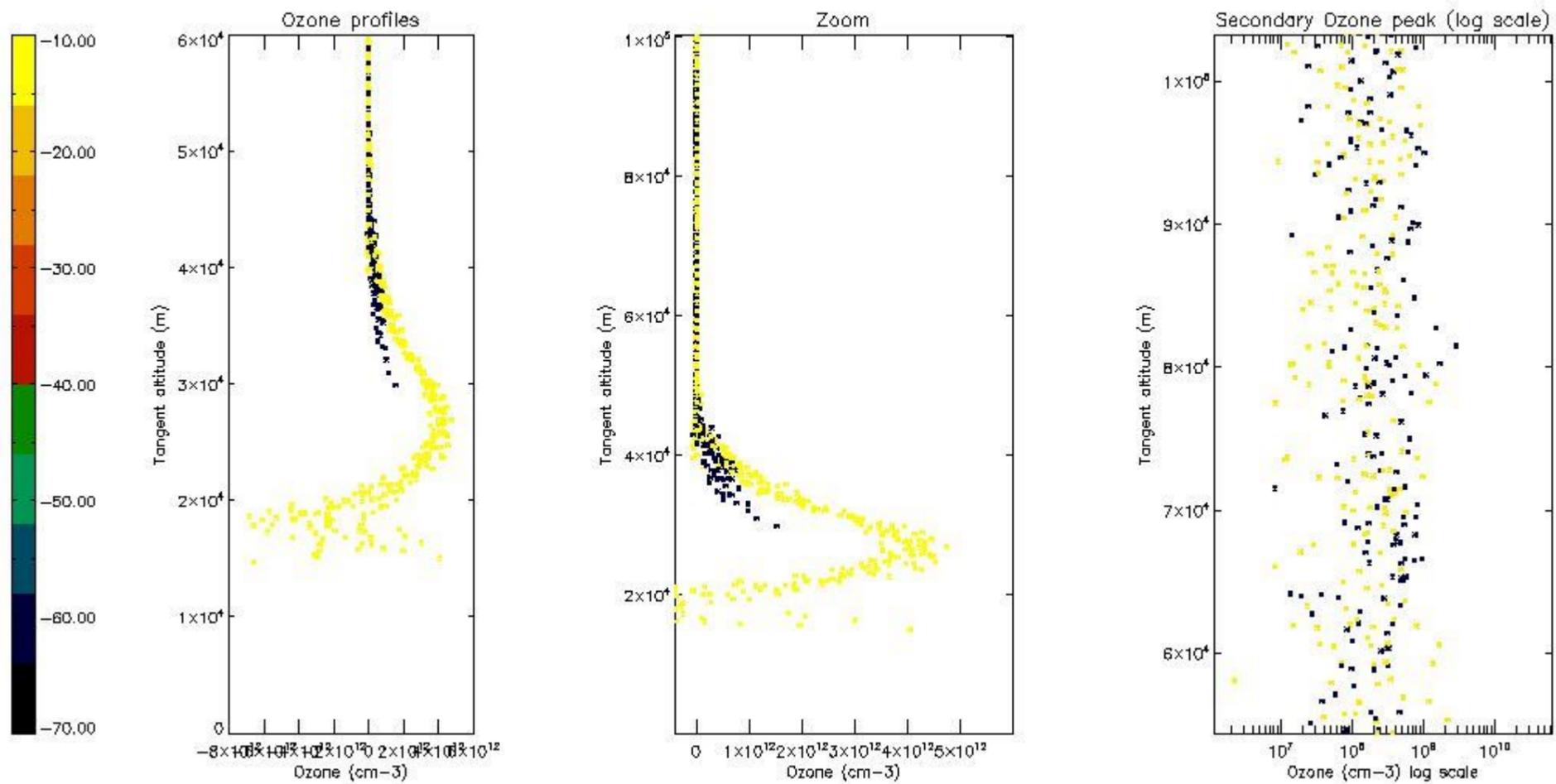
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	14
STD < 20	3

STD < 10	1
STD < 5	0

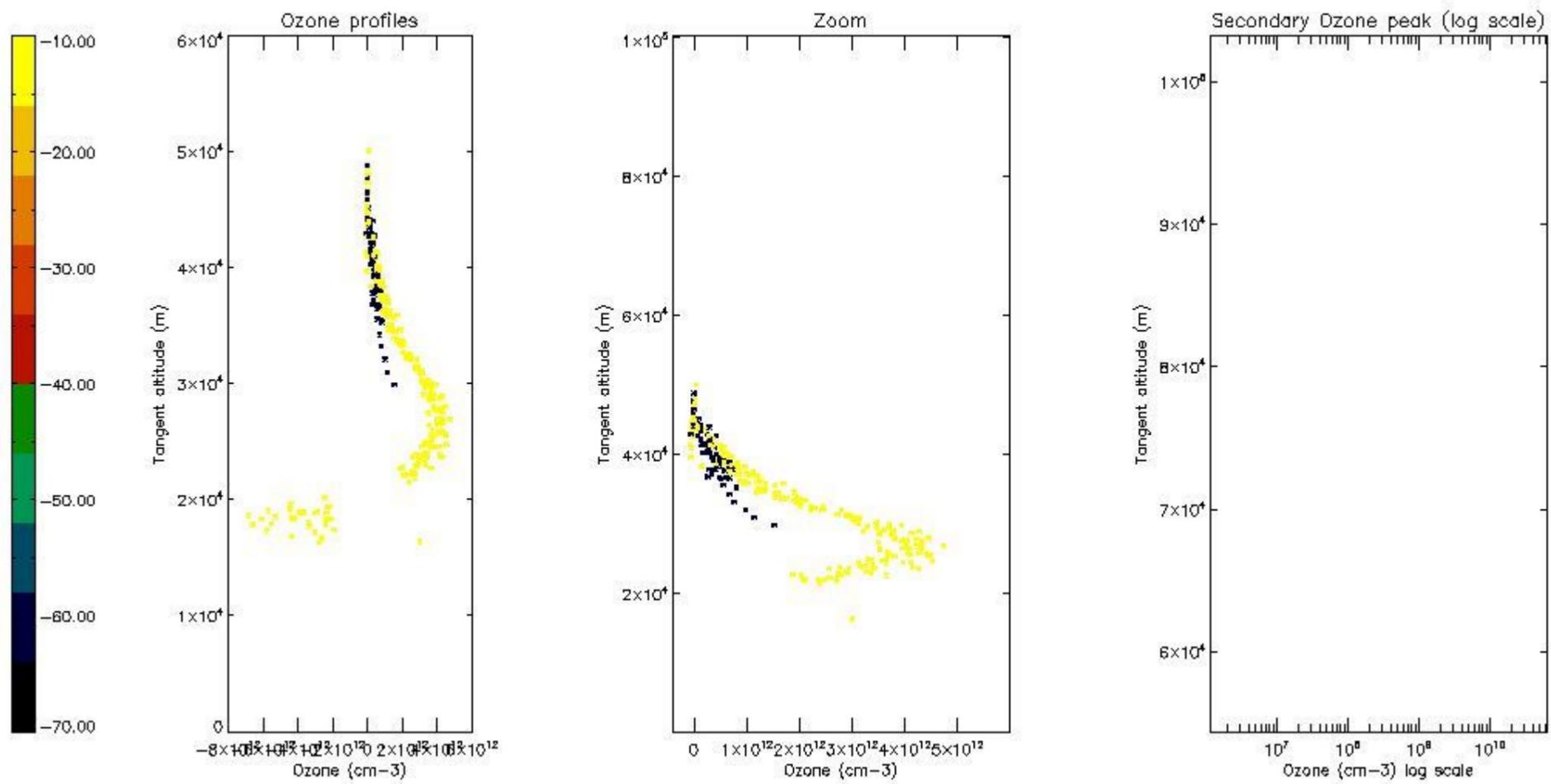
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



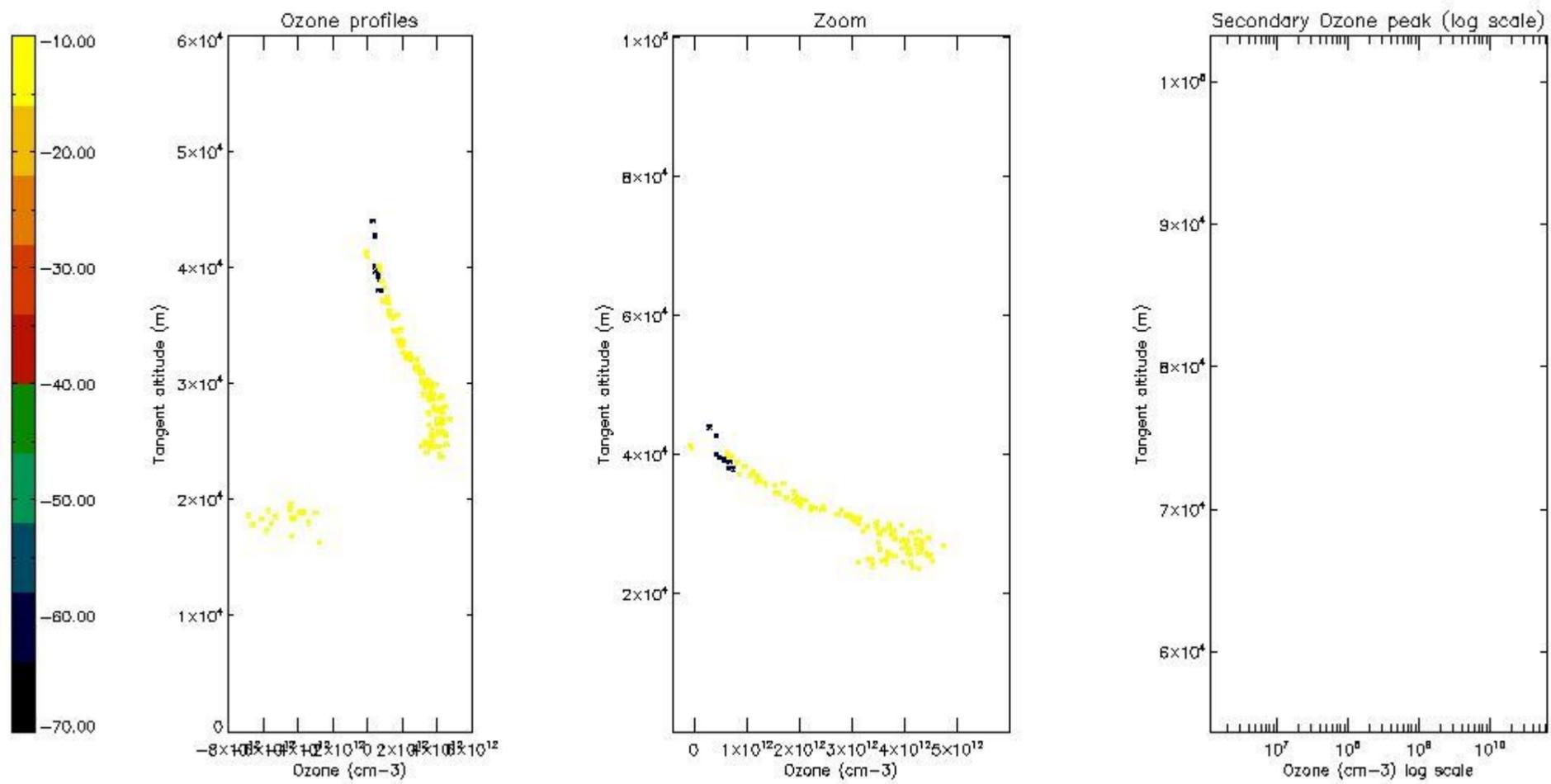
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



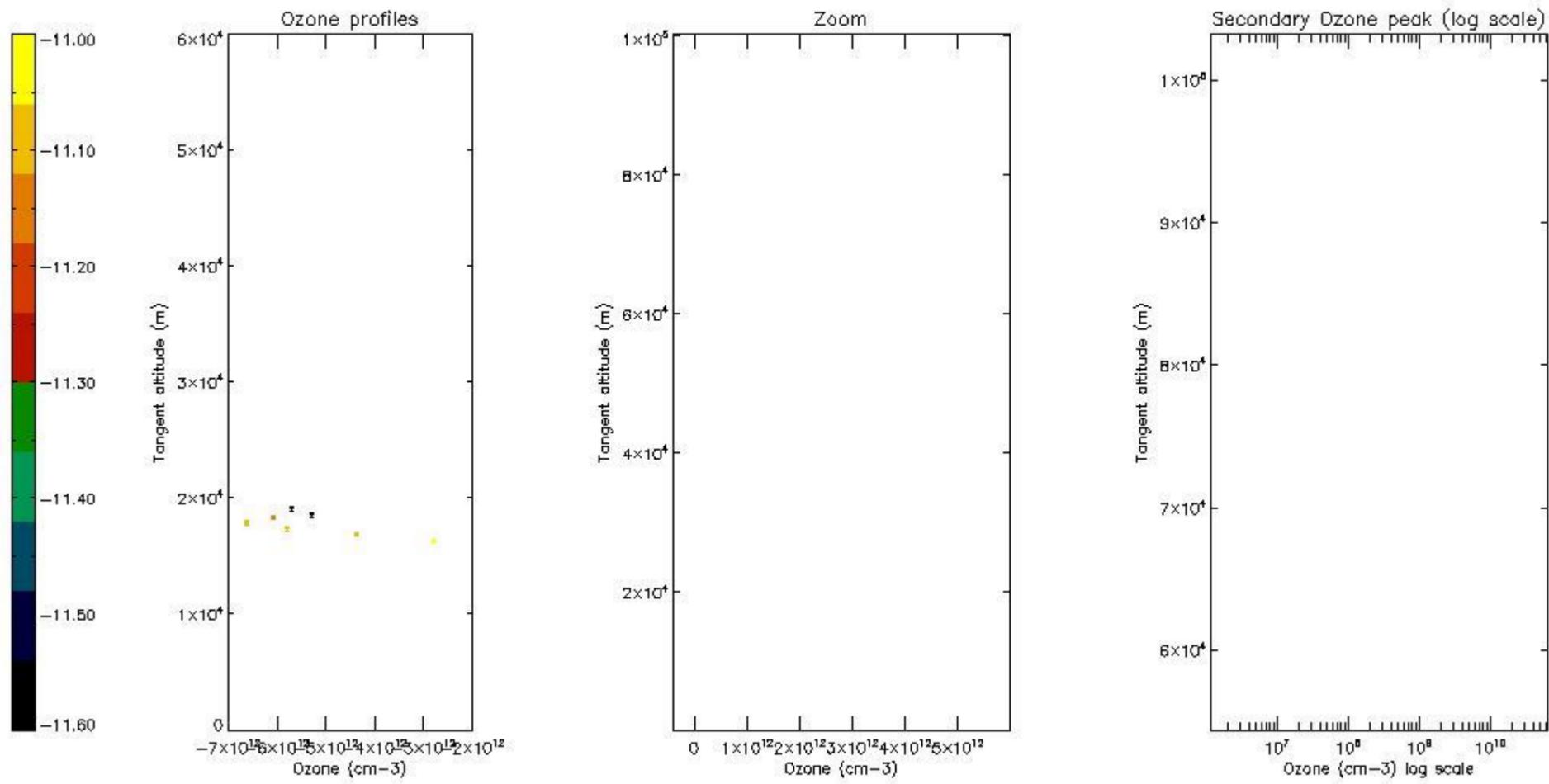
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



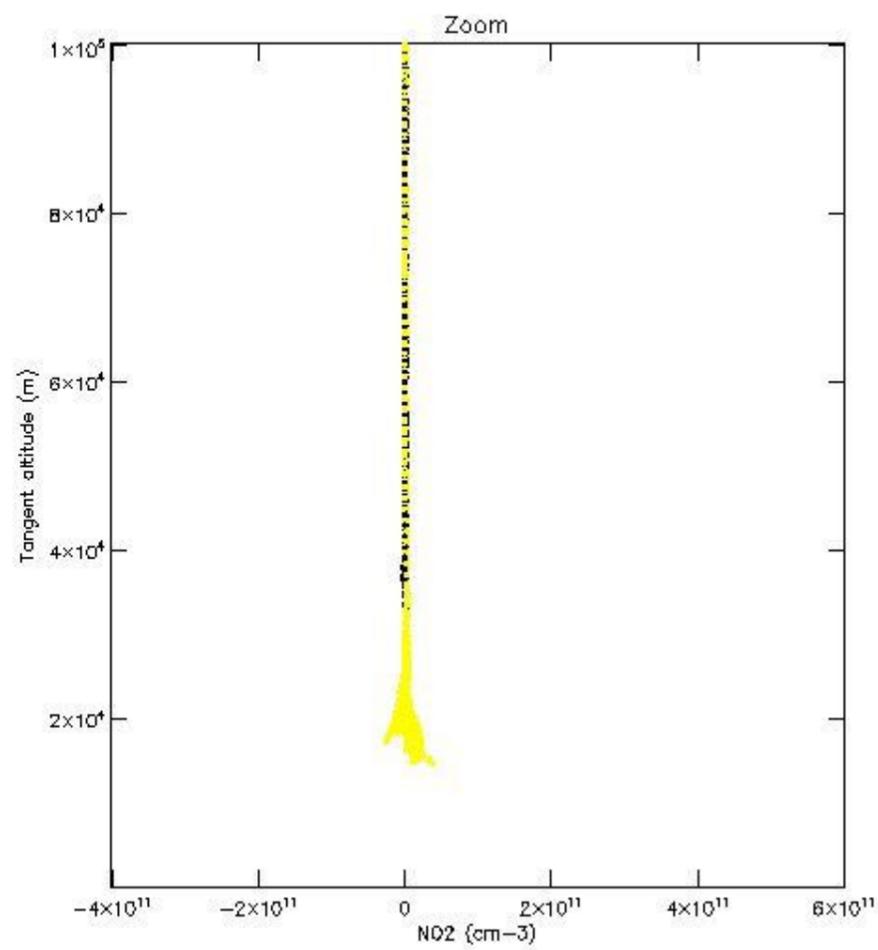
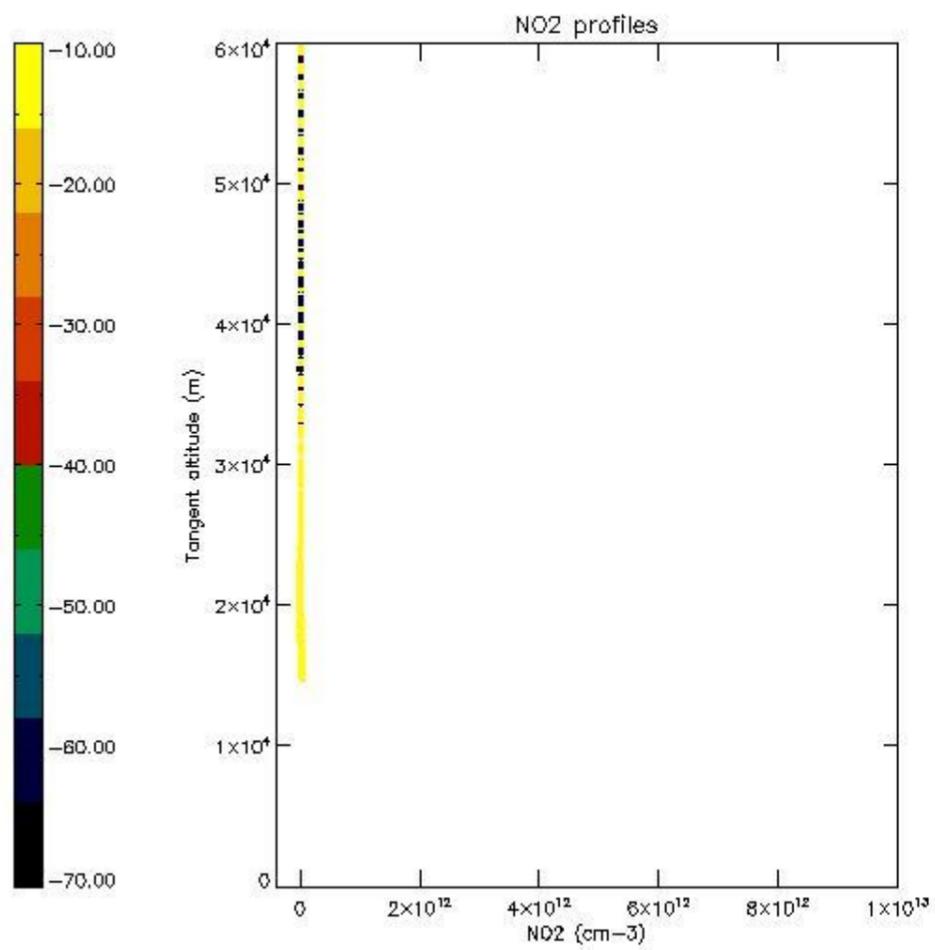
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



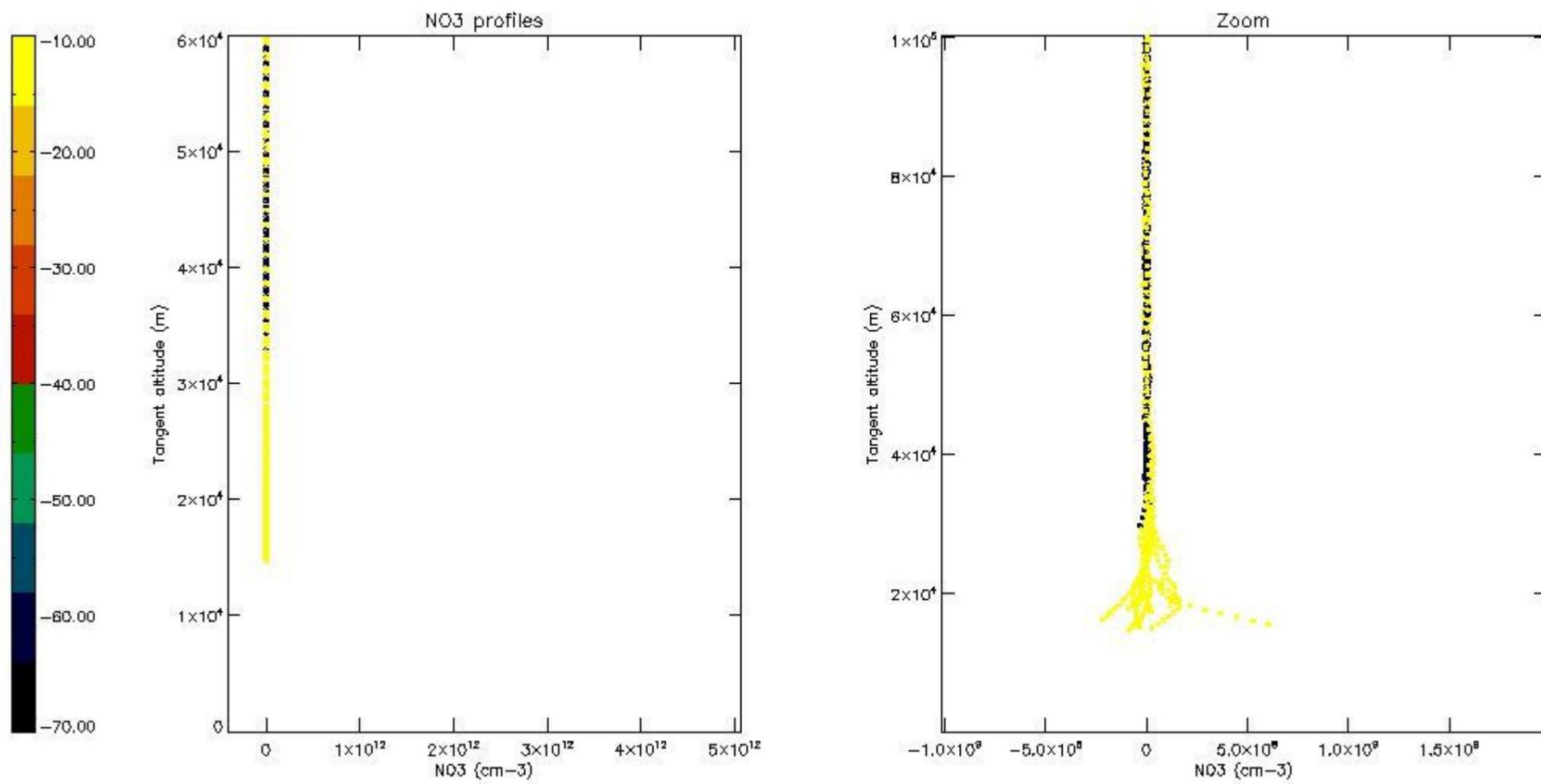
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



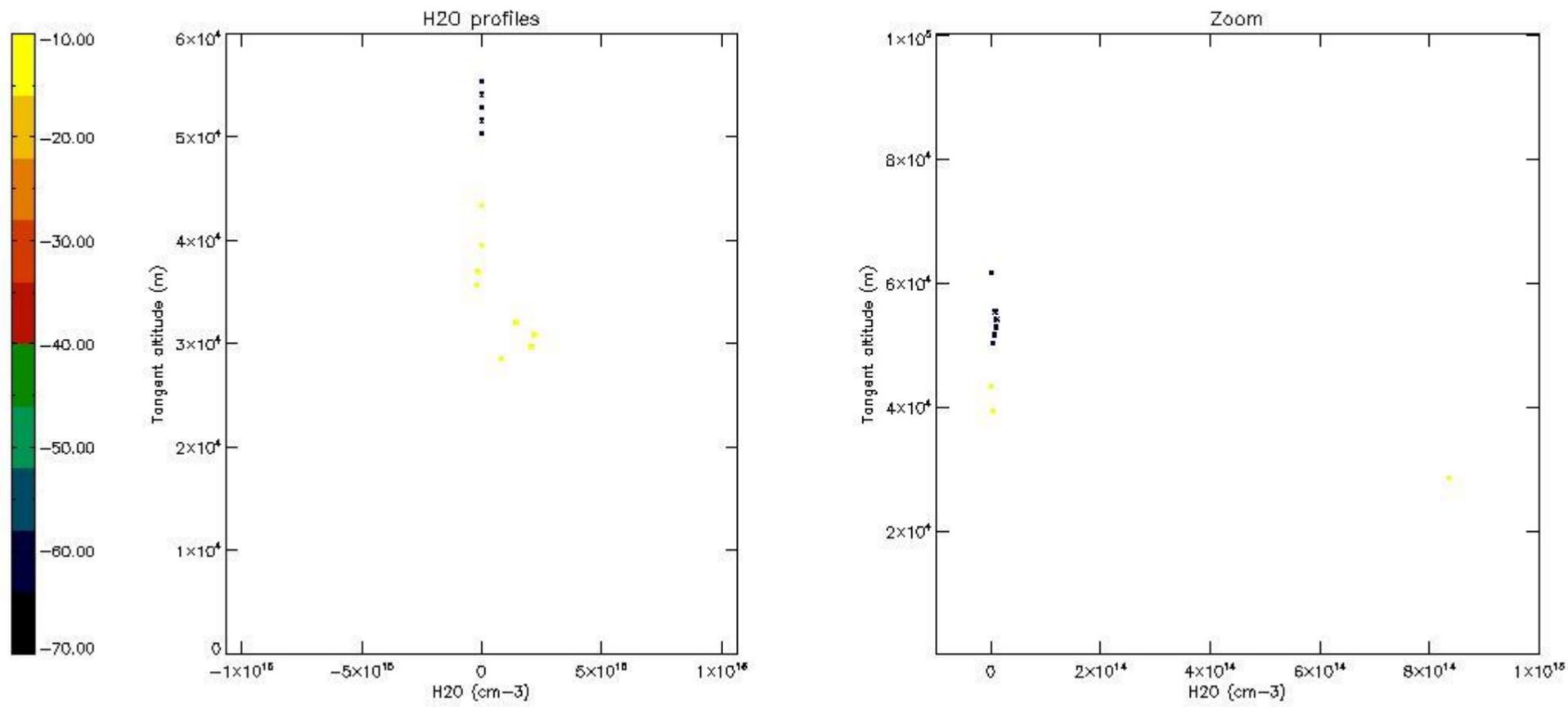
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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)

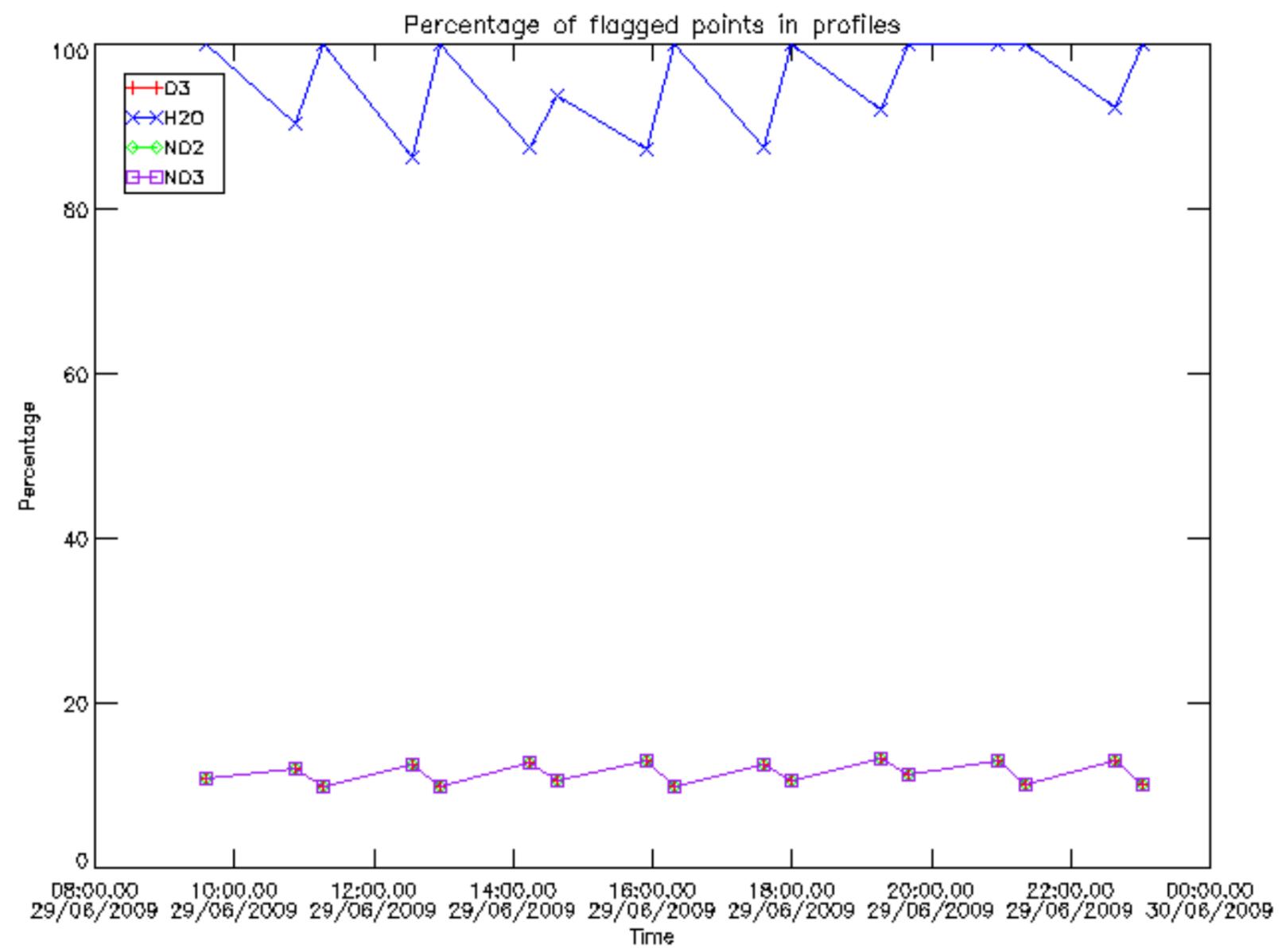
The colorbar represents the latitude.



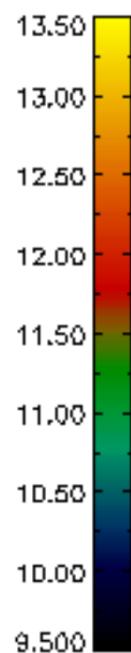
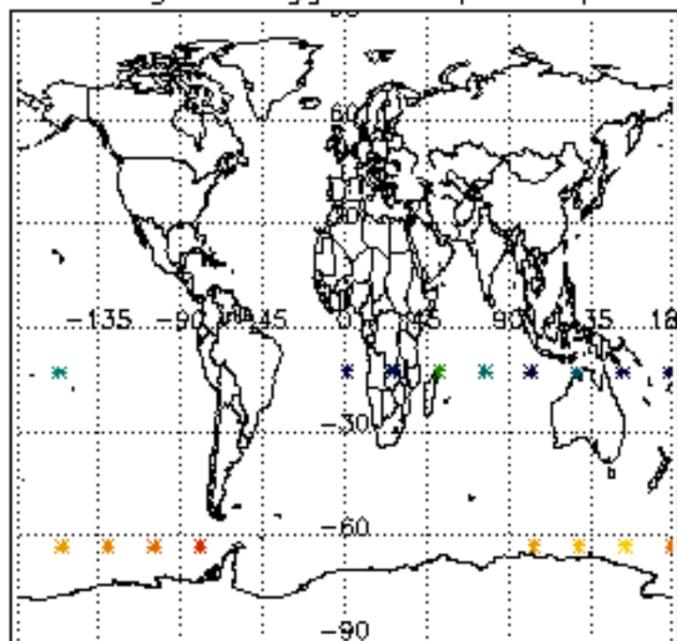
6. Auxiliary Data Files used for the production reported in section 2

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.

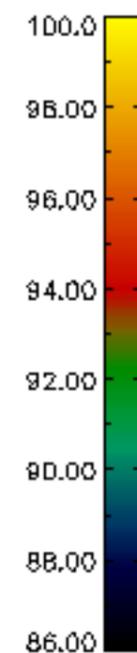
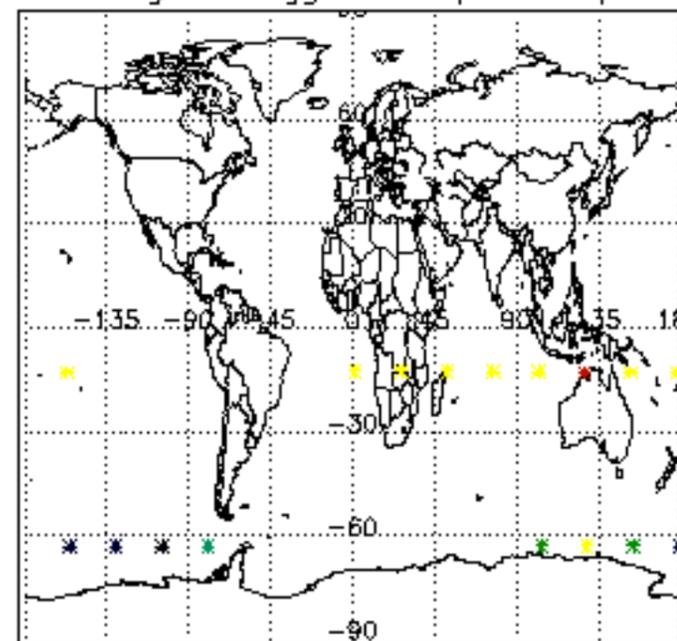
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-JUN-2009 09:36:19
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-JUN-2009 09:36:19
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-JUN-2009 09:36:19



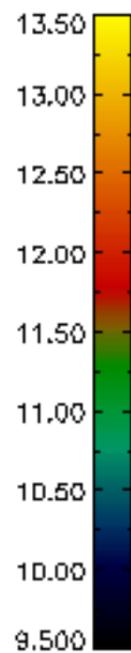
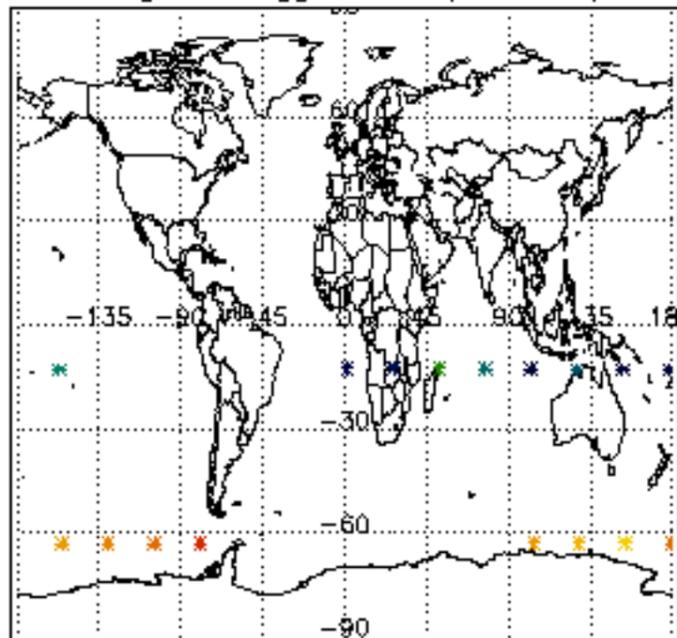
Percentage of flagged data per D3 profile



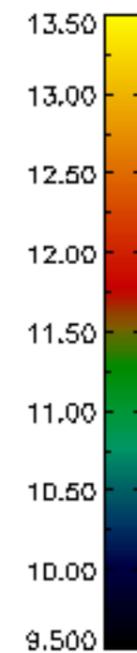
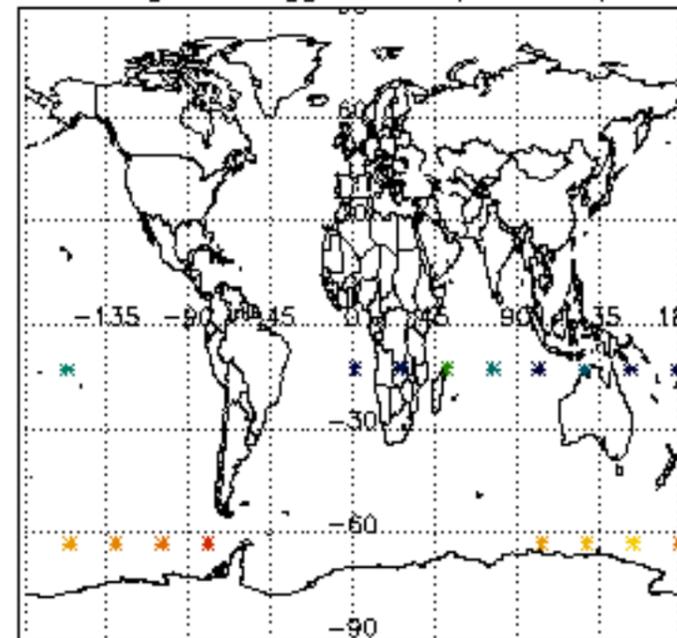
Percentage of flagged data per H2O profile

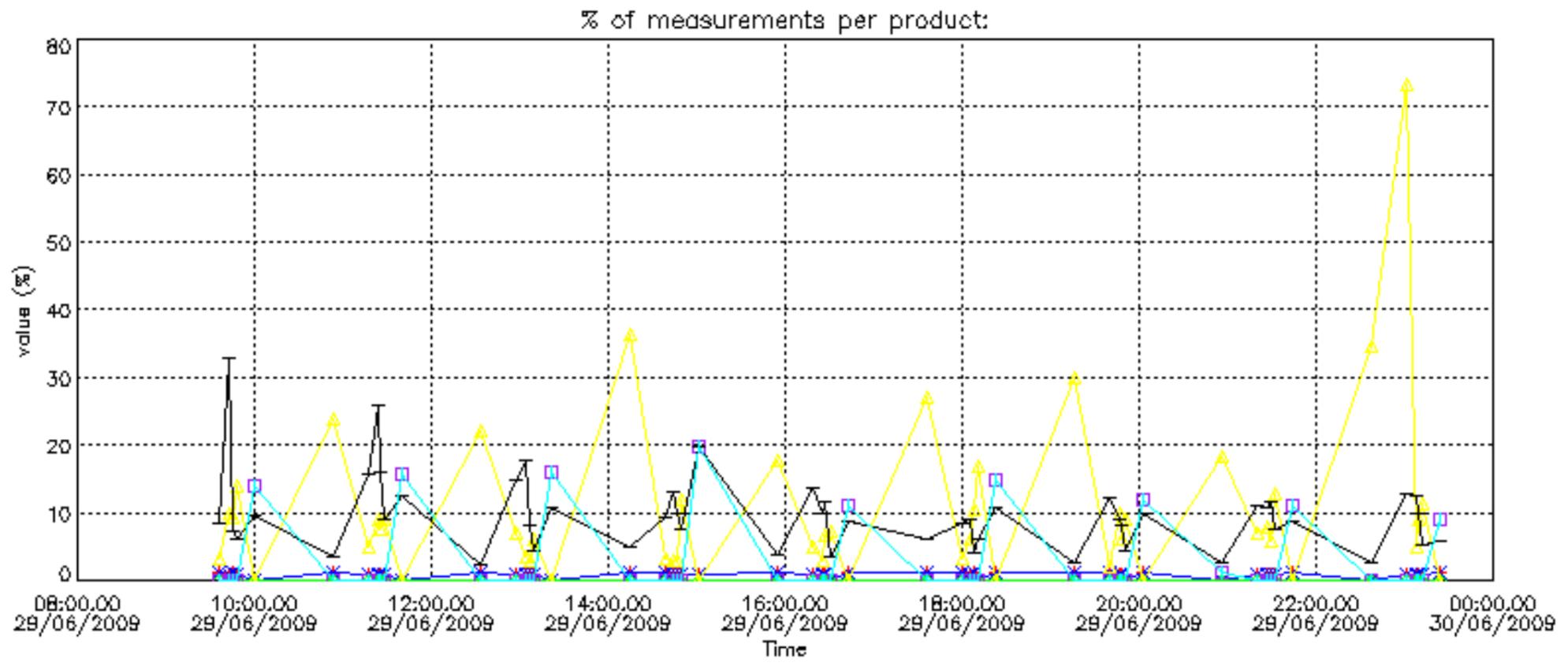
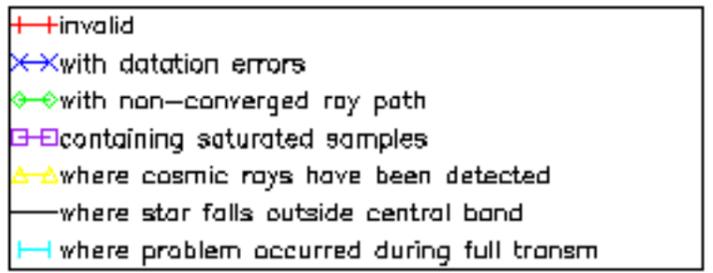


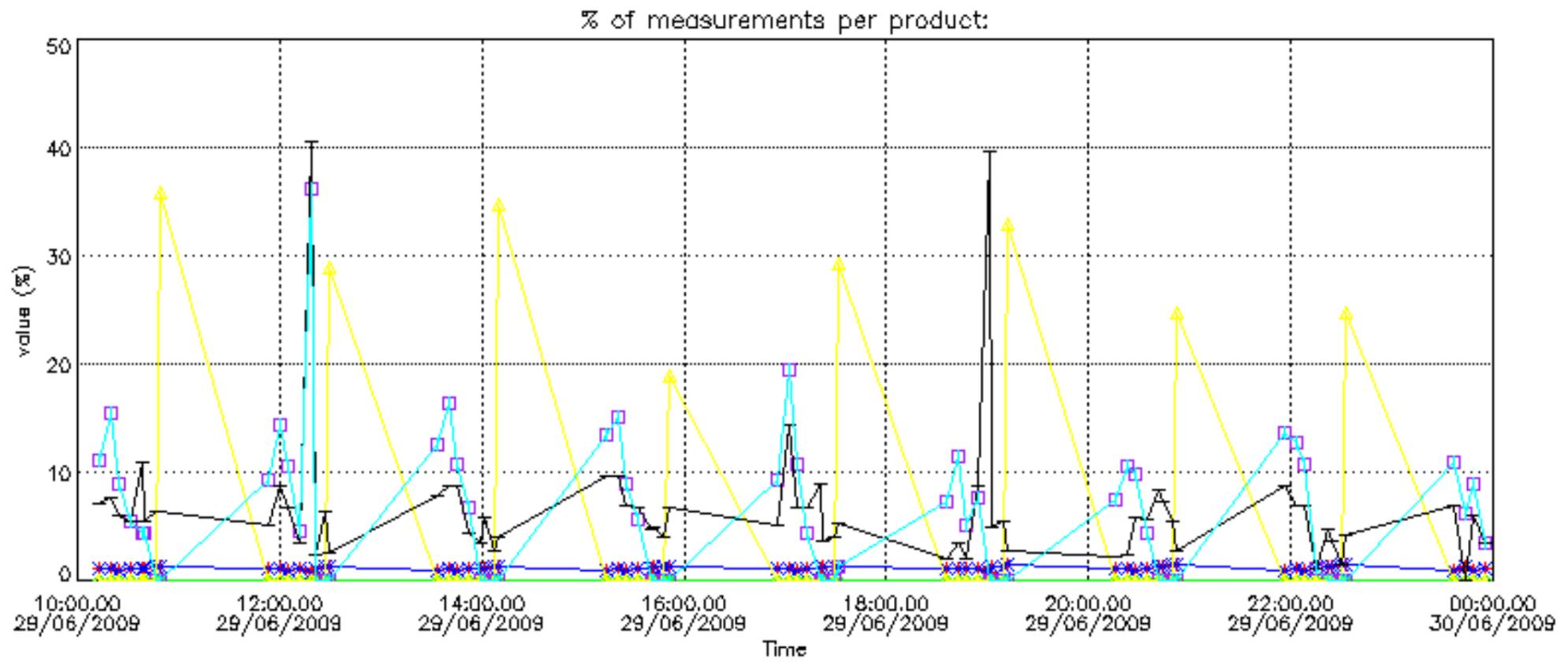
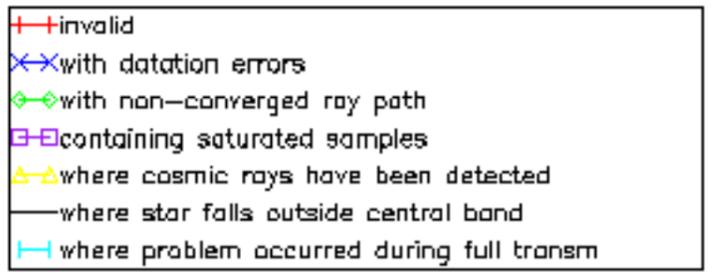
Percentage of flagged data per NO2 profile



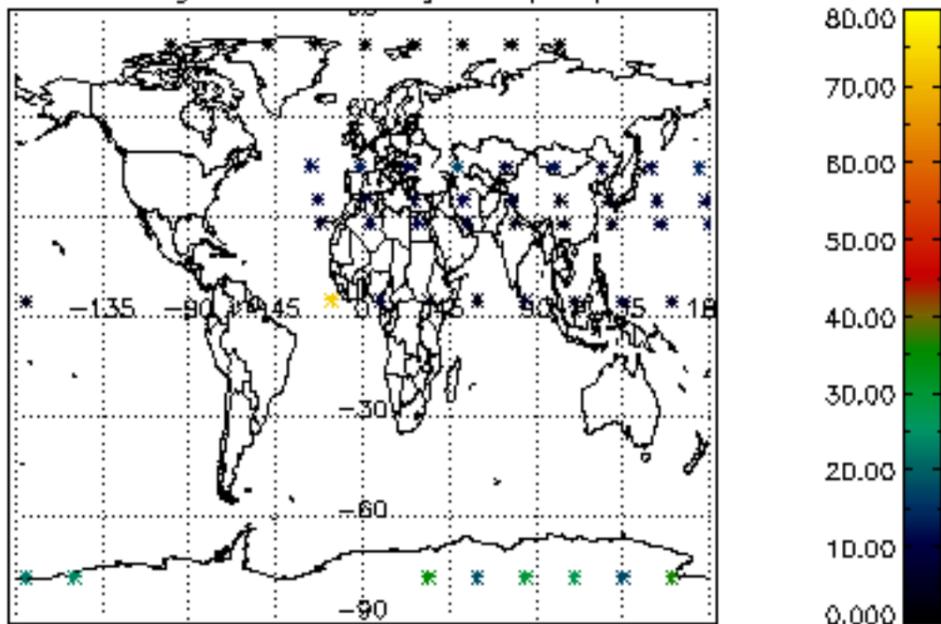
Percentage of flagged data per NO3 profile



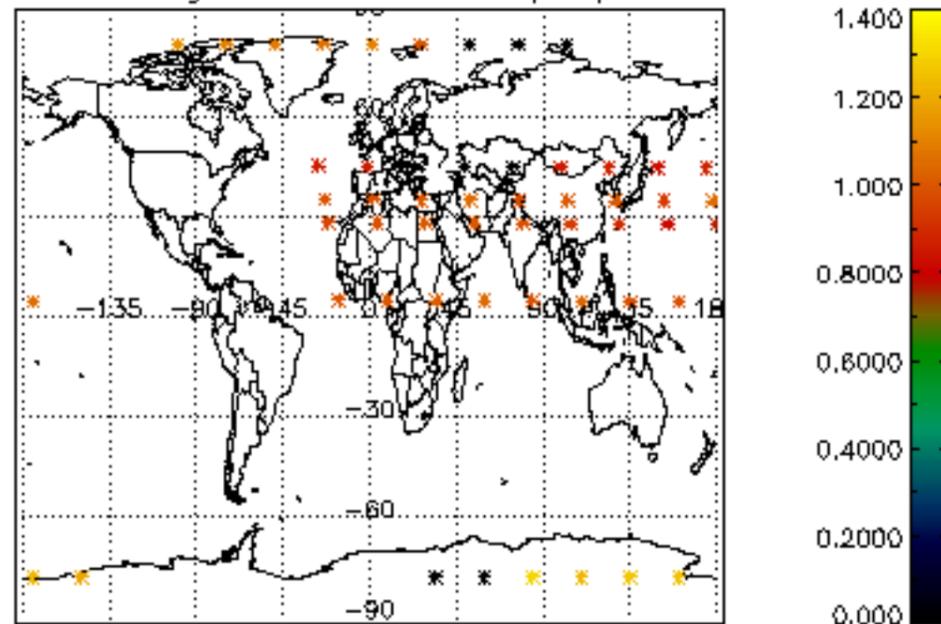




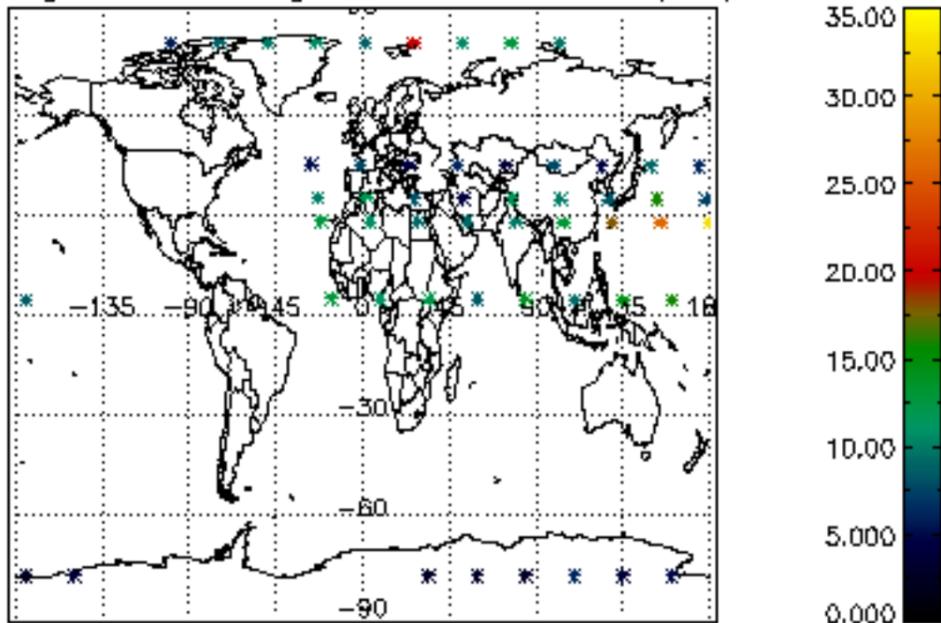
Percentage of cosmic ray hits per profile



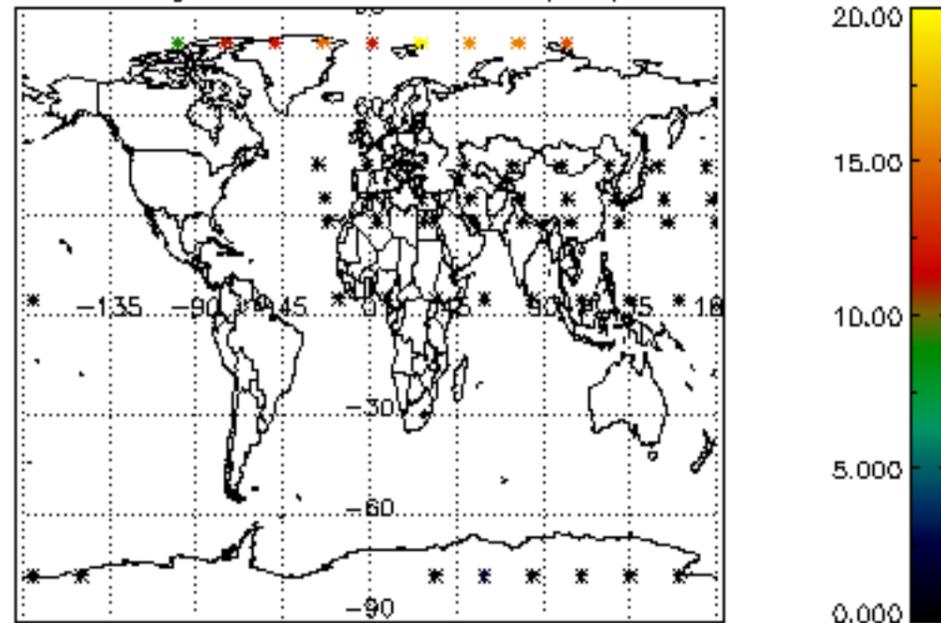
Percentage of datation errors per profile



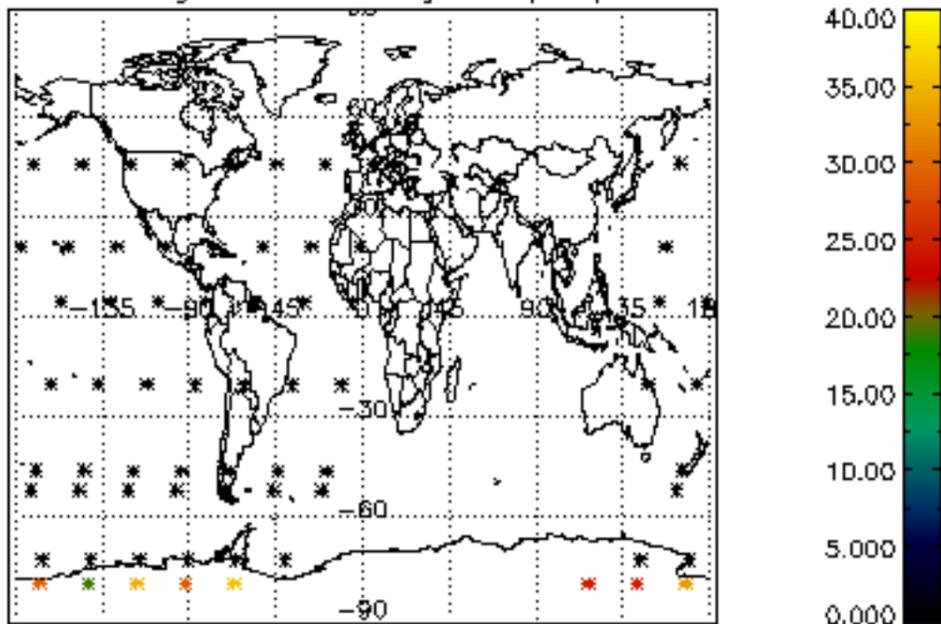
Percentage of star falling outside central band per profile



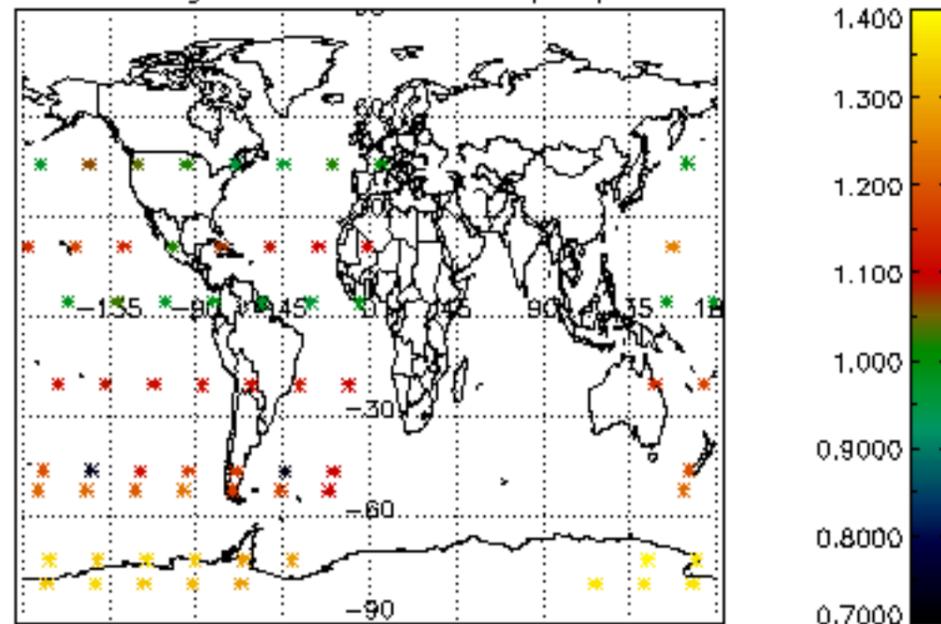
Percentage of saturation errors per profile



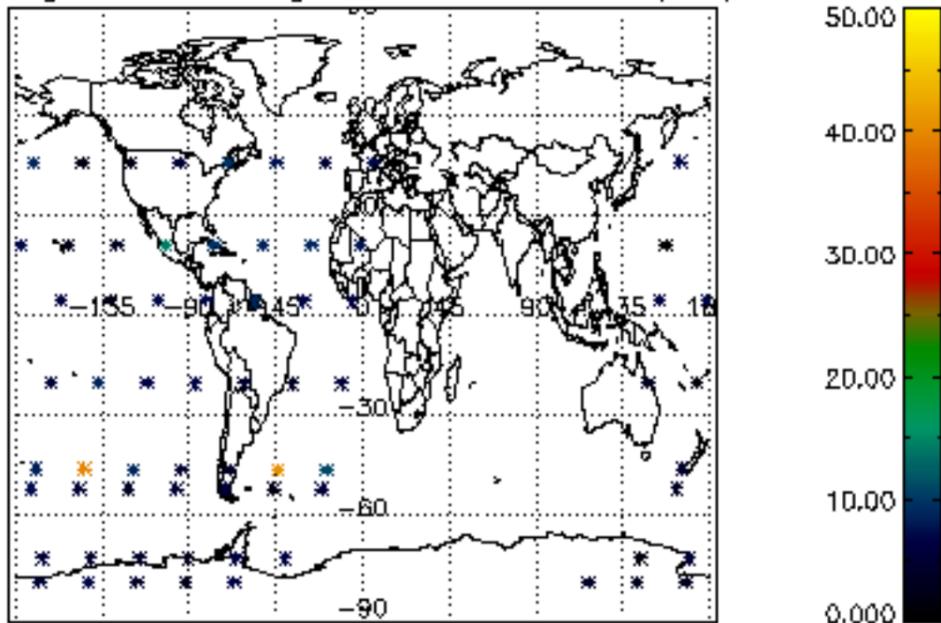
Percentage of cosmic ray hits per profile



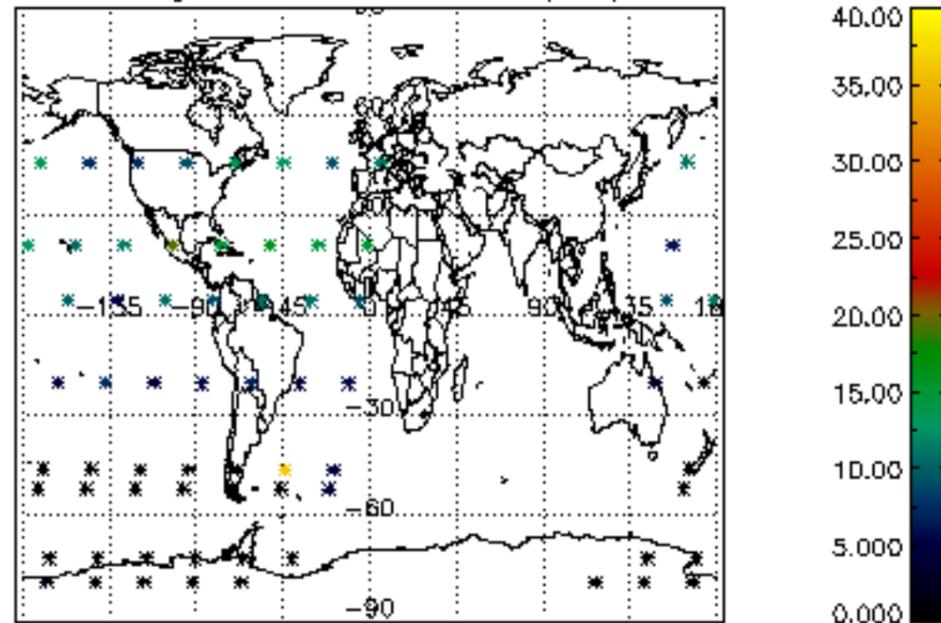
Percentage of datation errors per profile

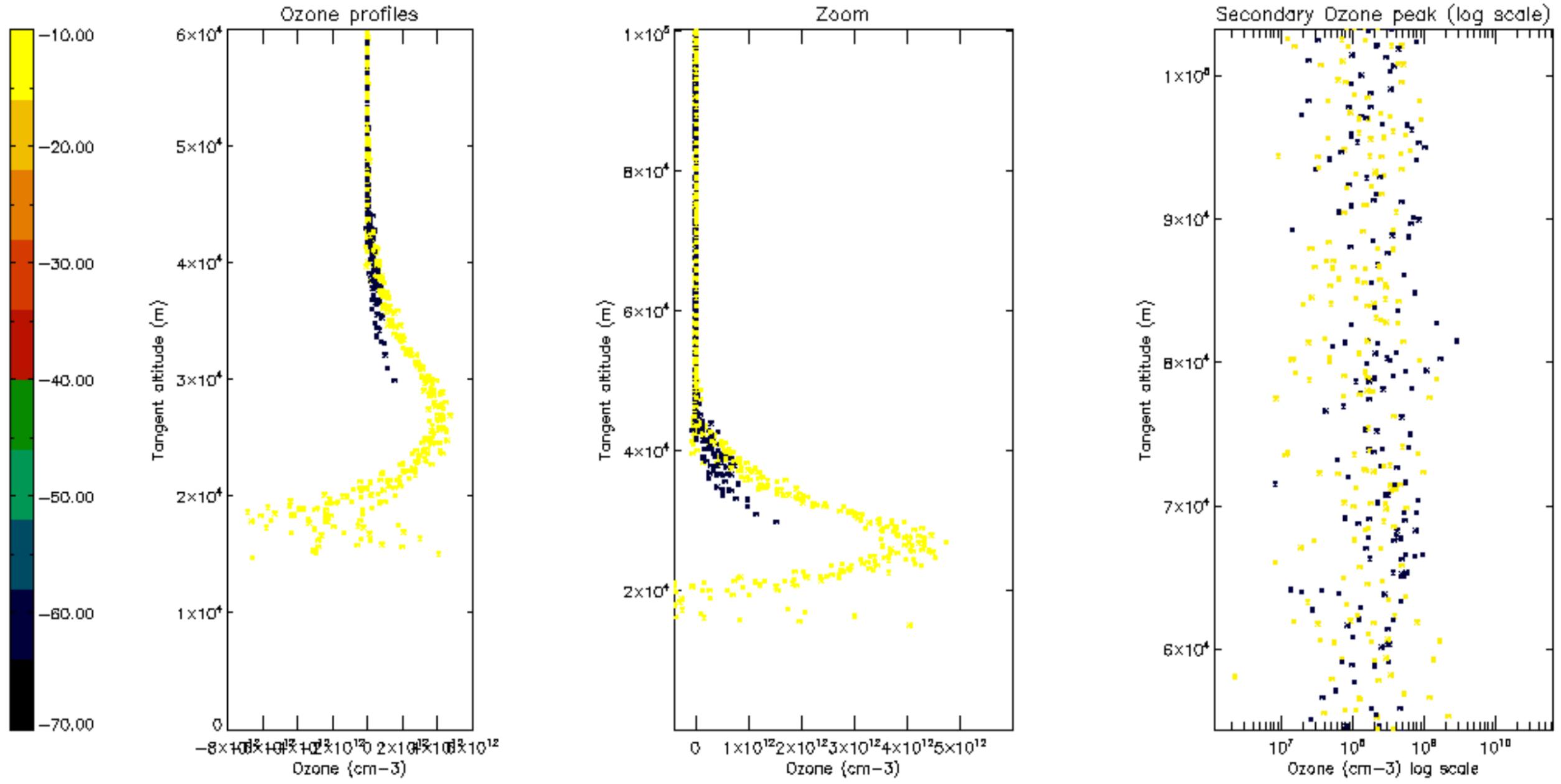


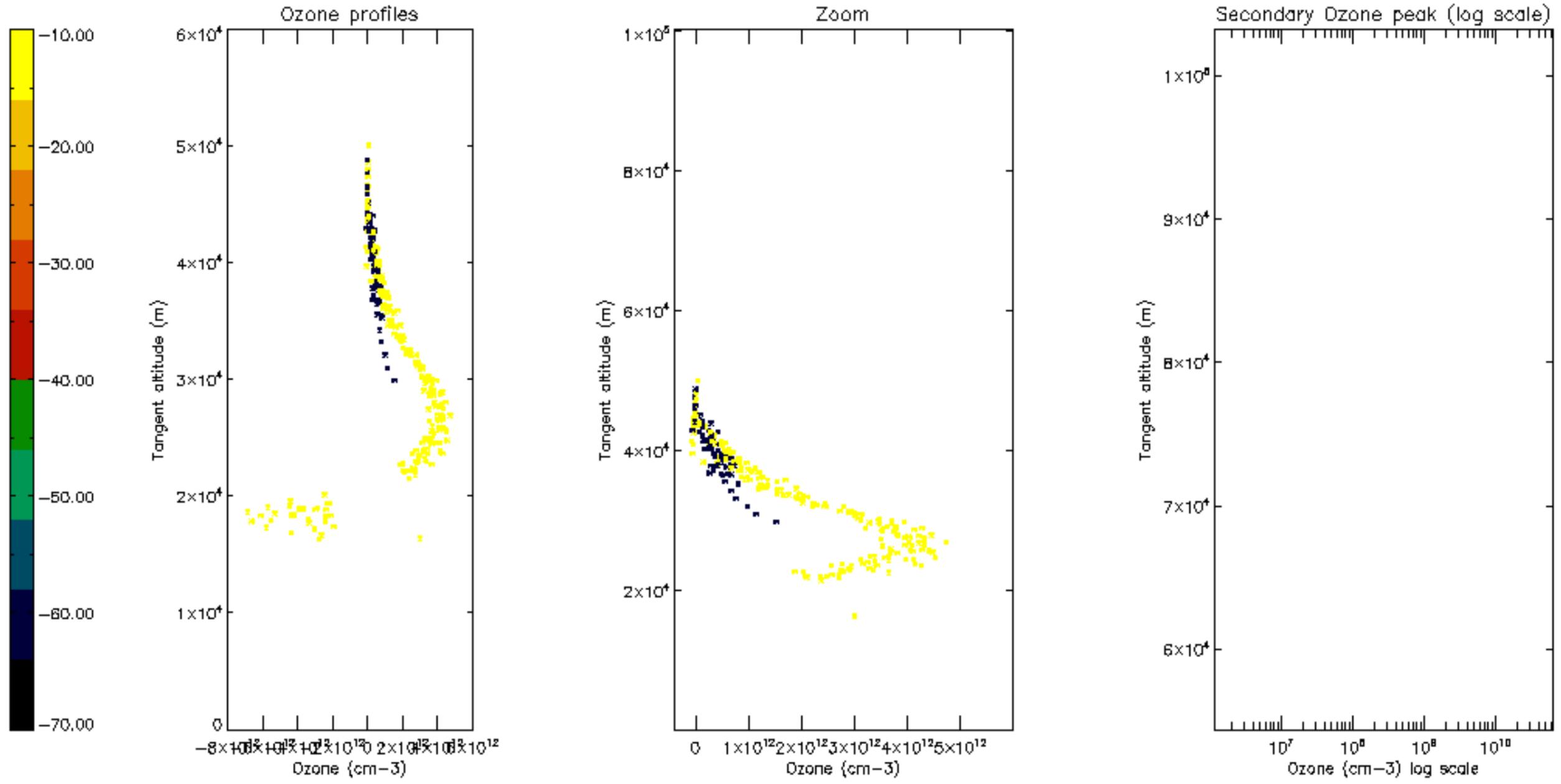
Percentage of star falling outside central band per profile

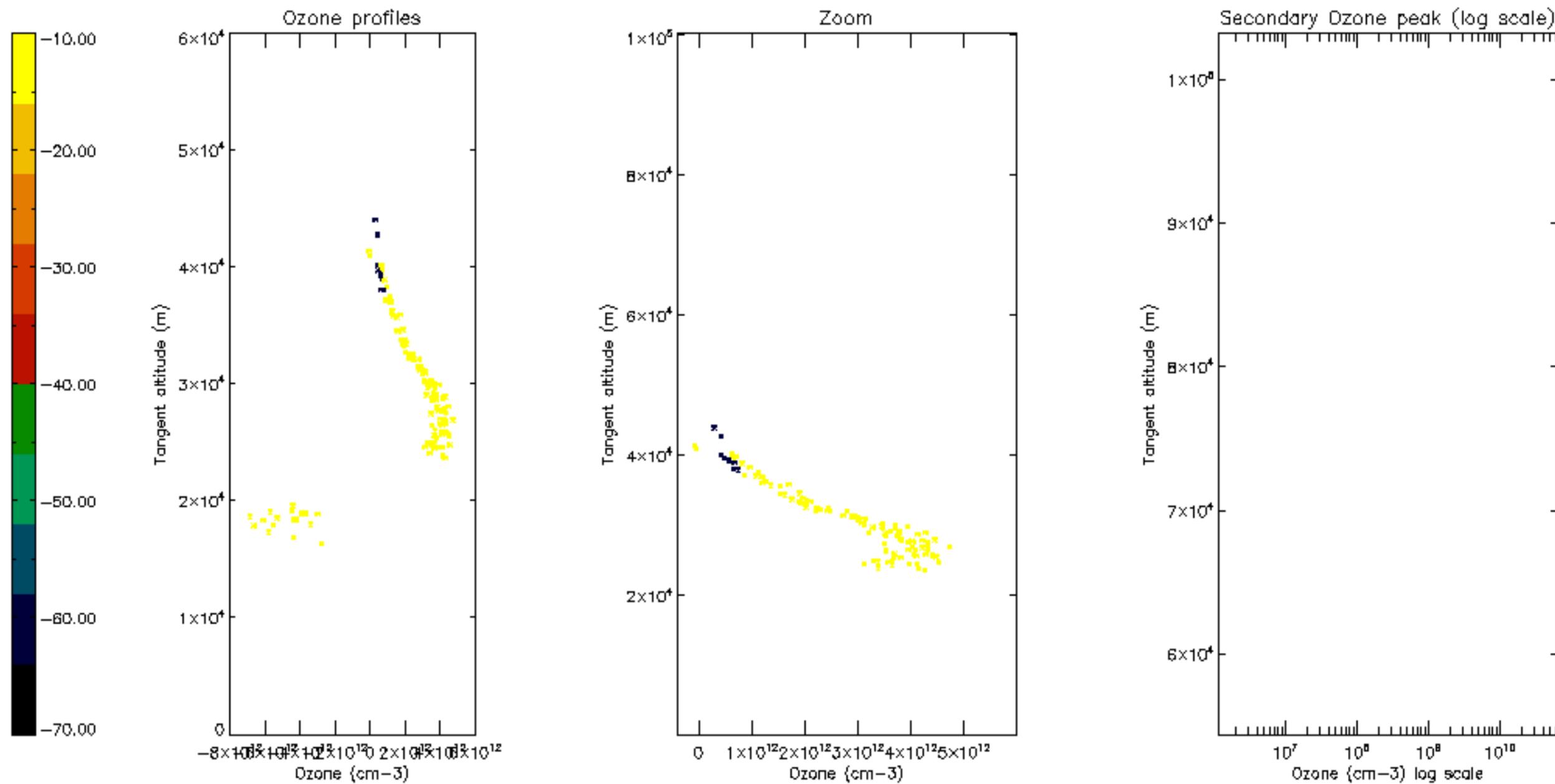


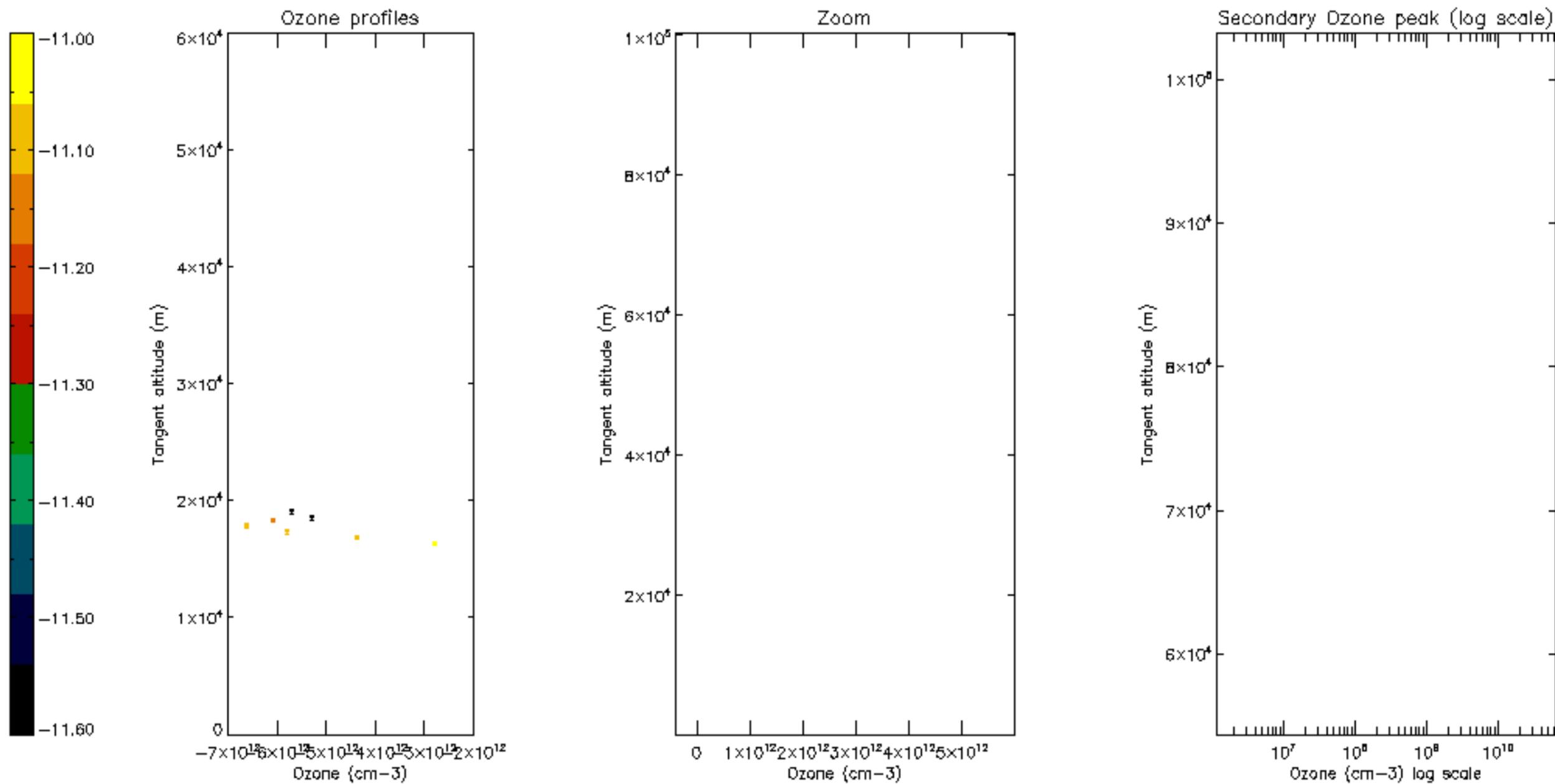
Percentage of saturation errors per profile

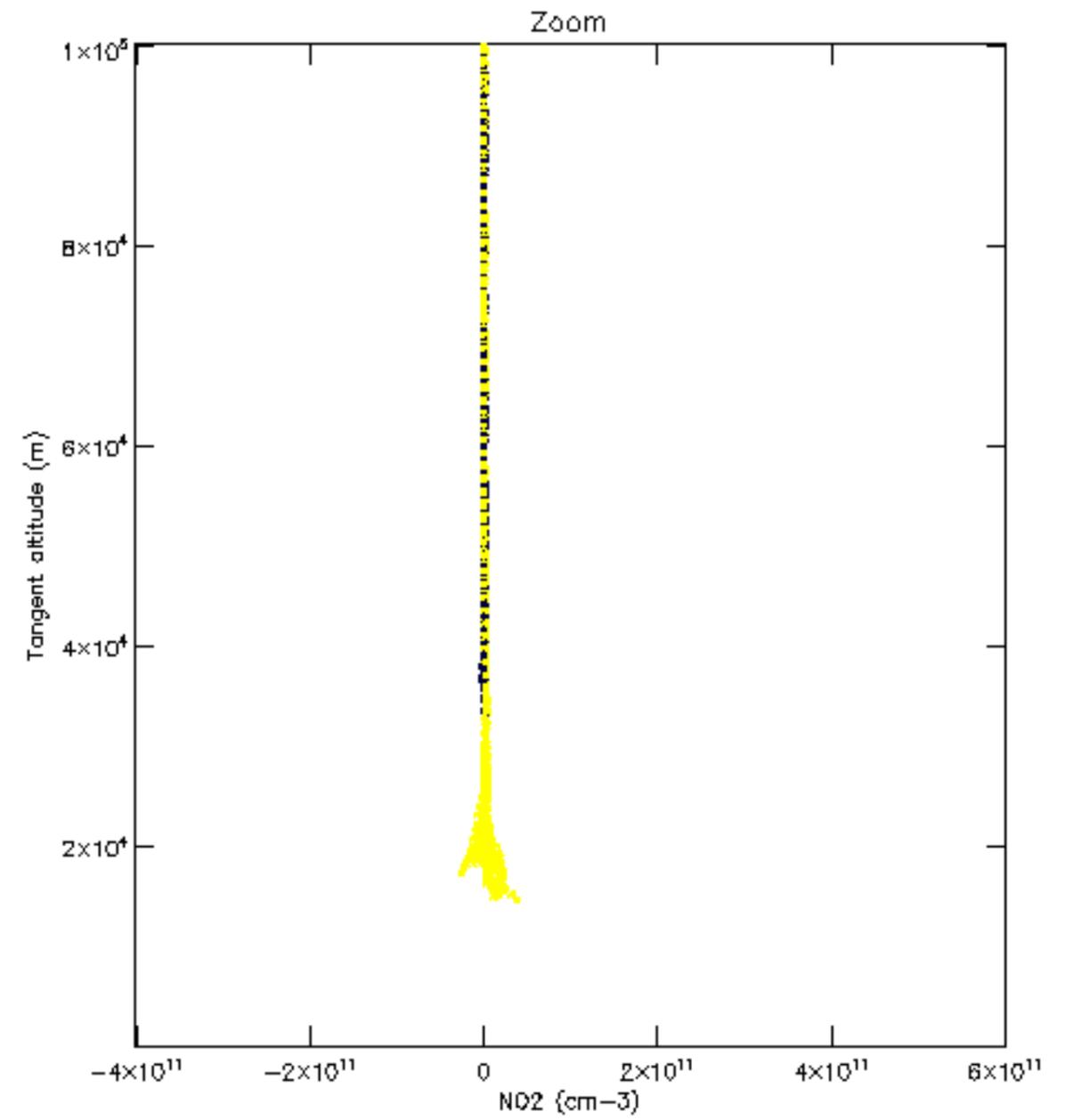
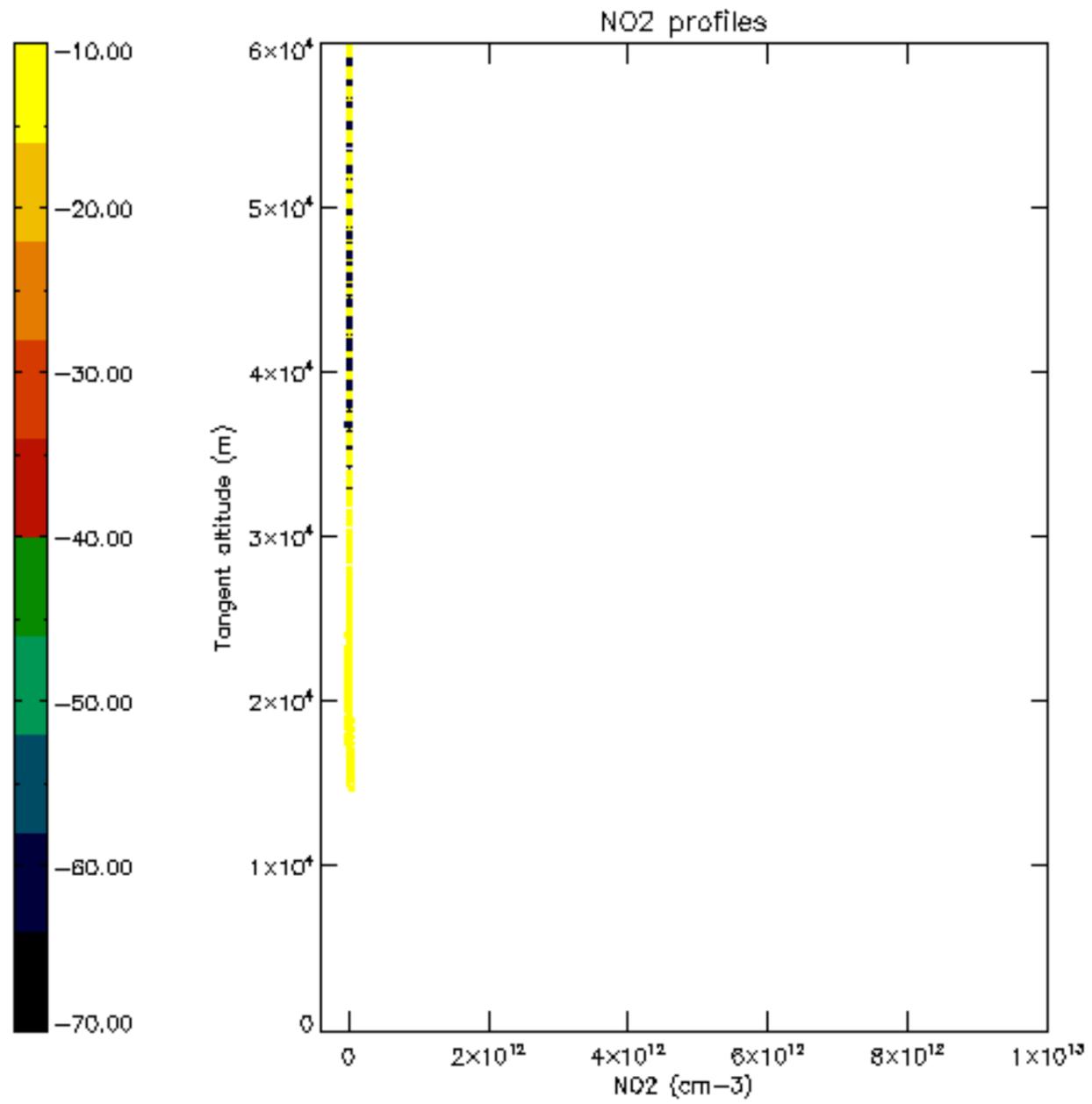


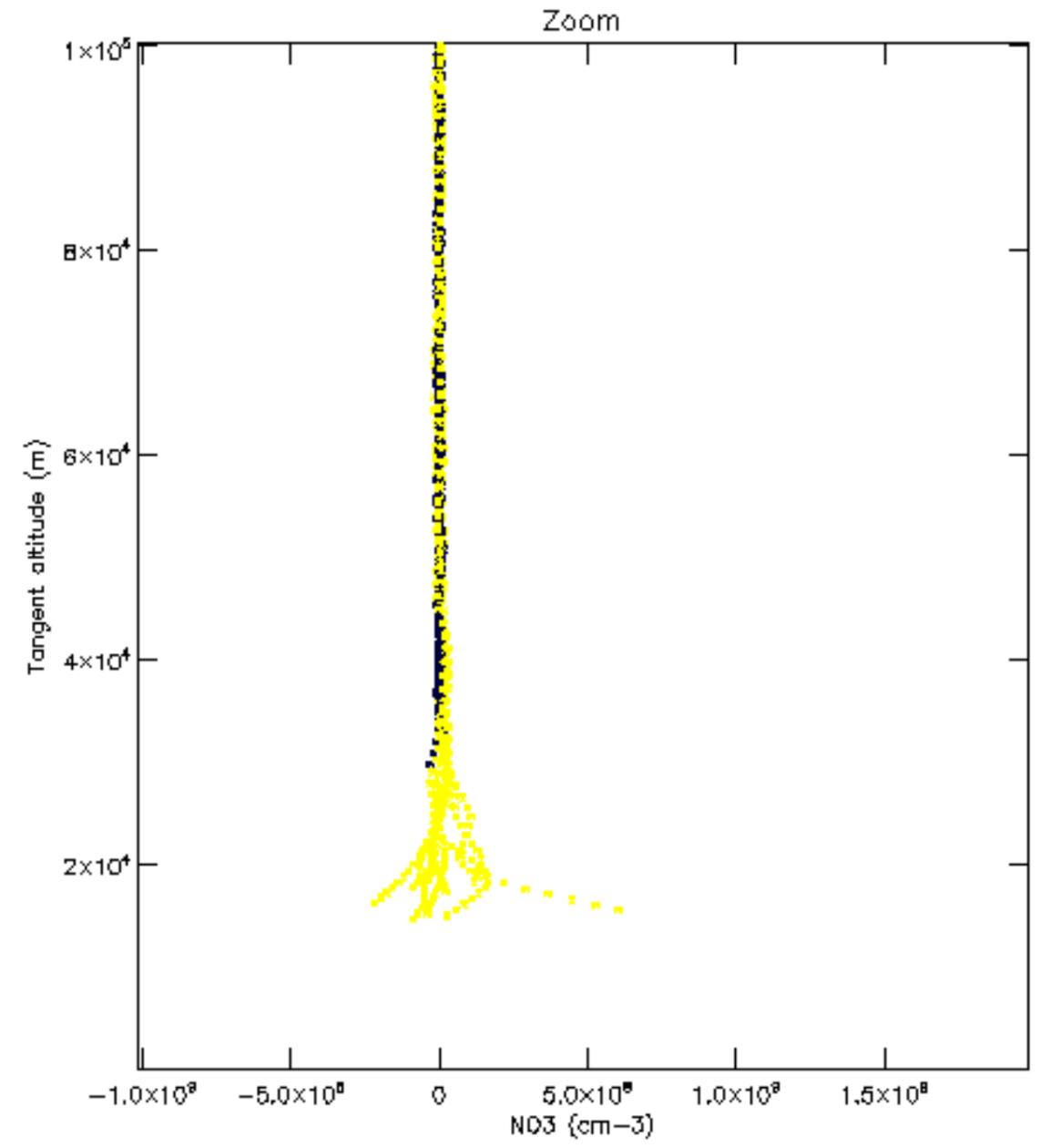
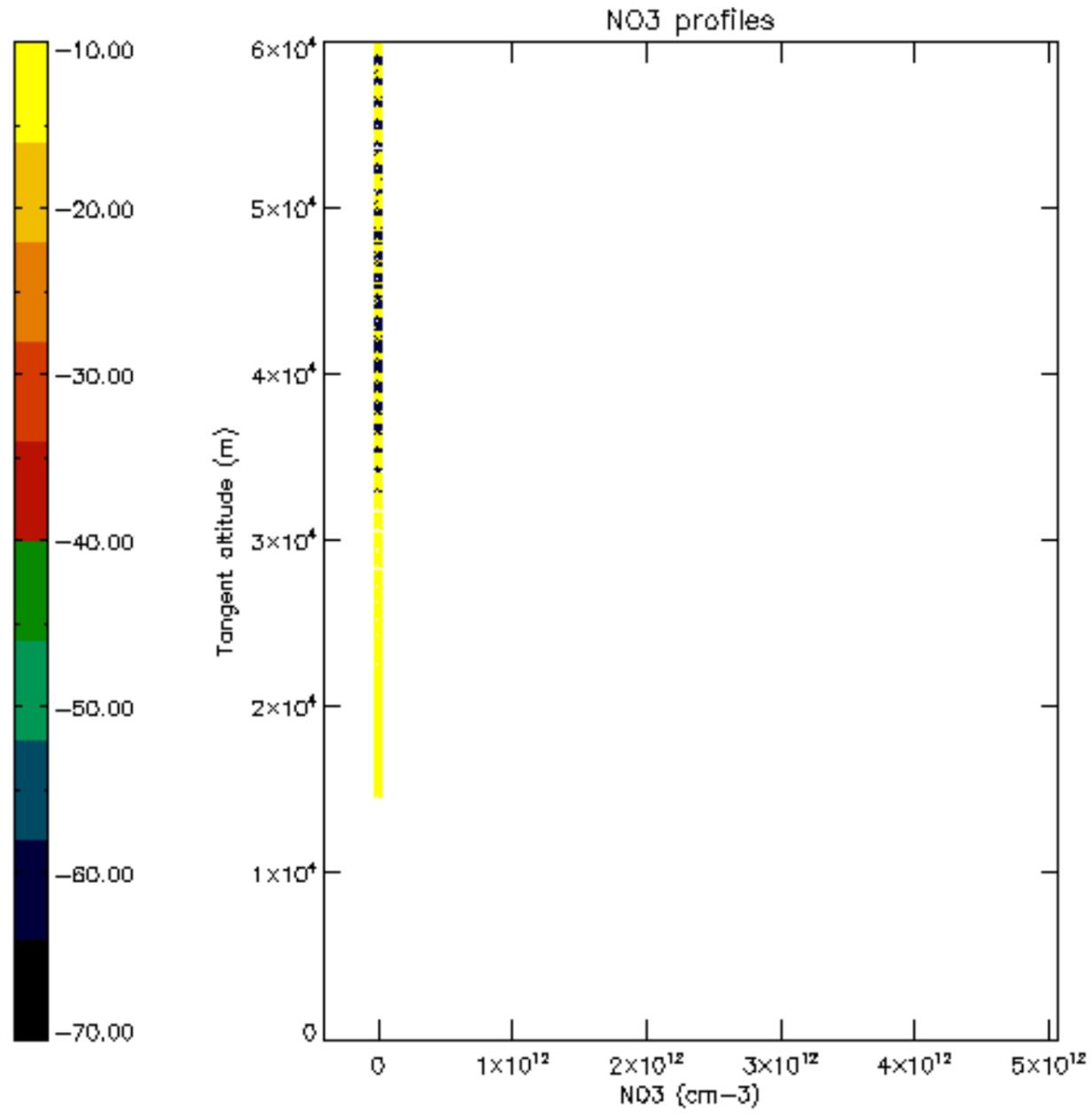


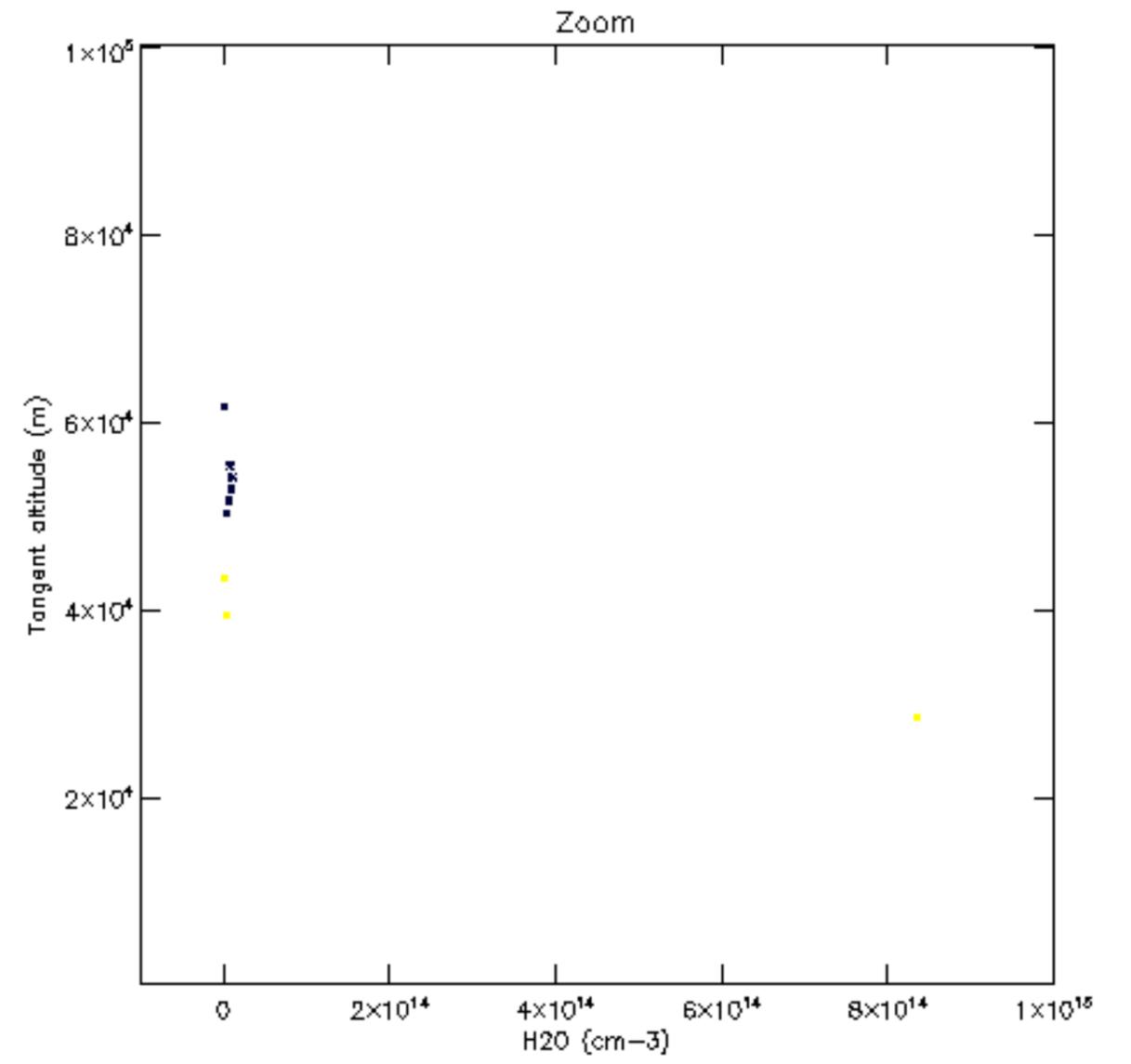
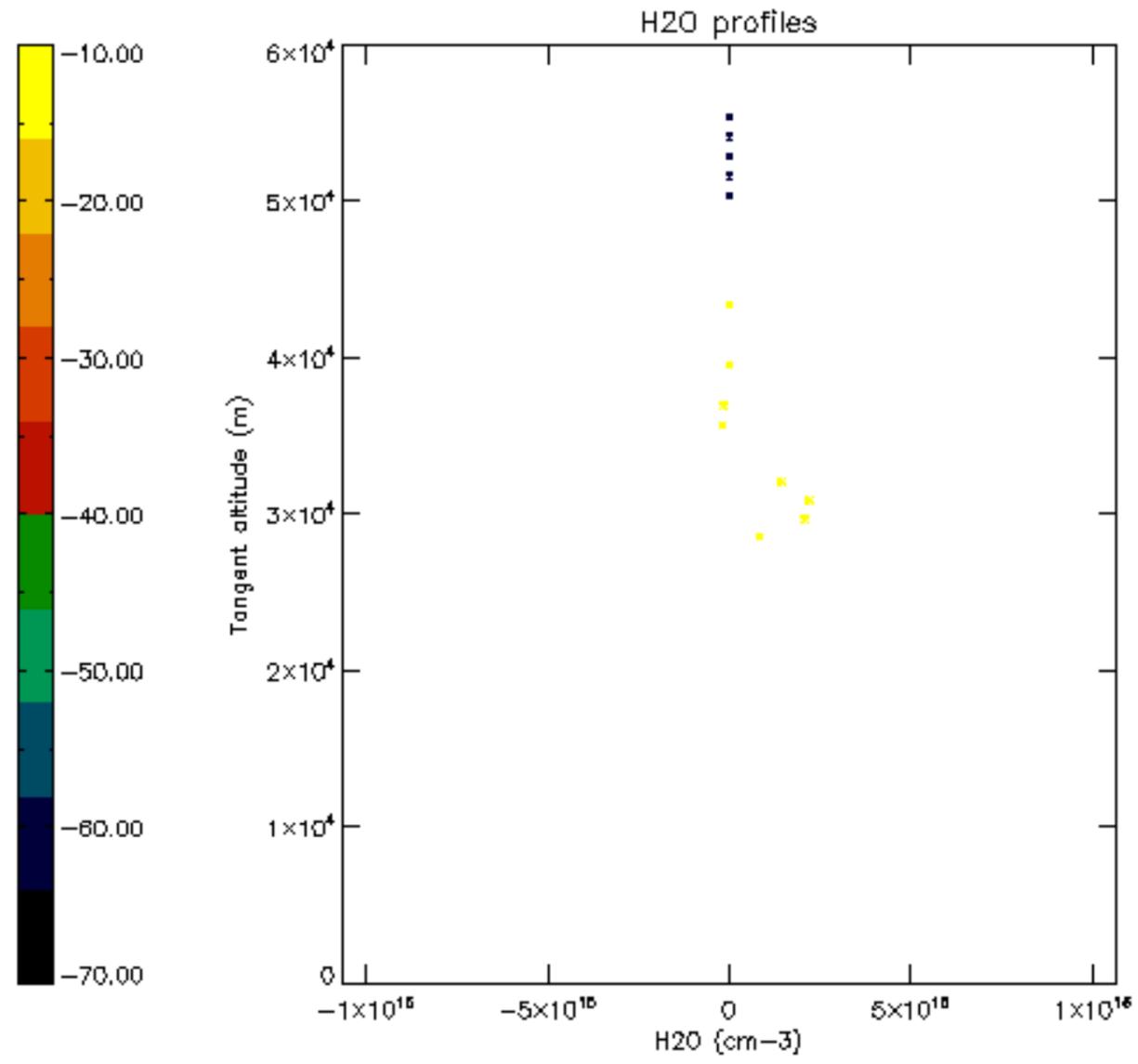


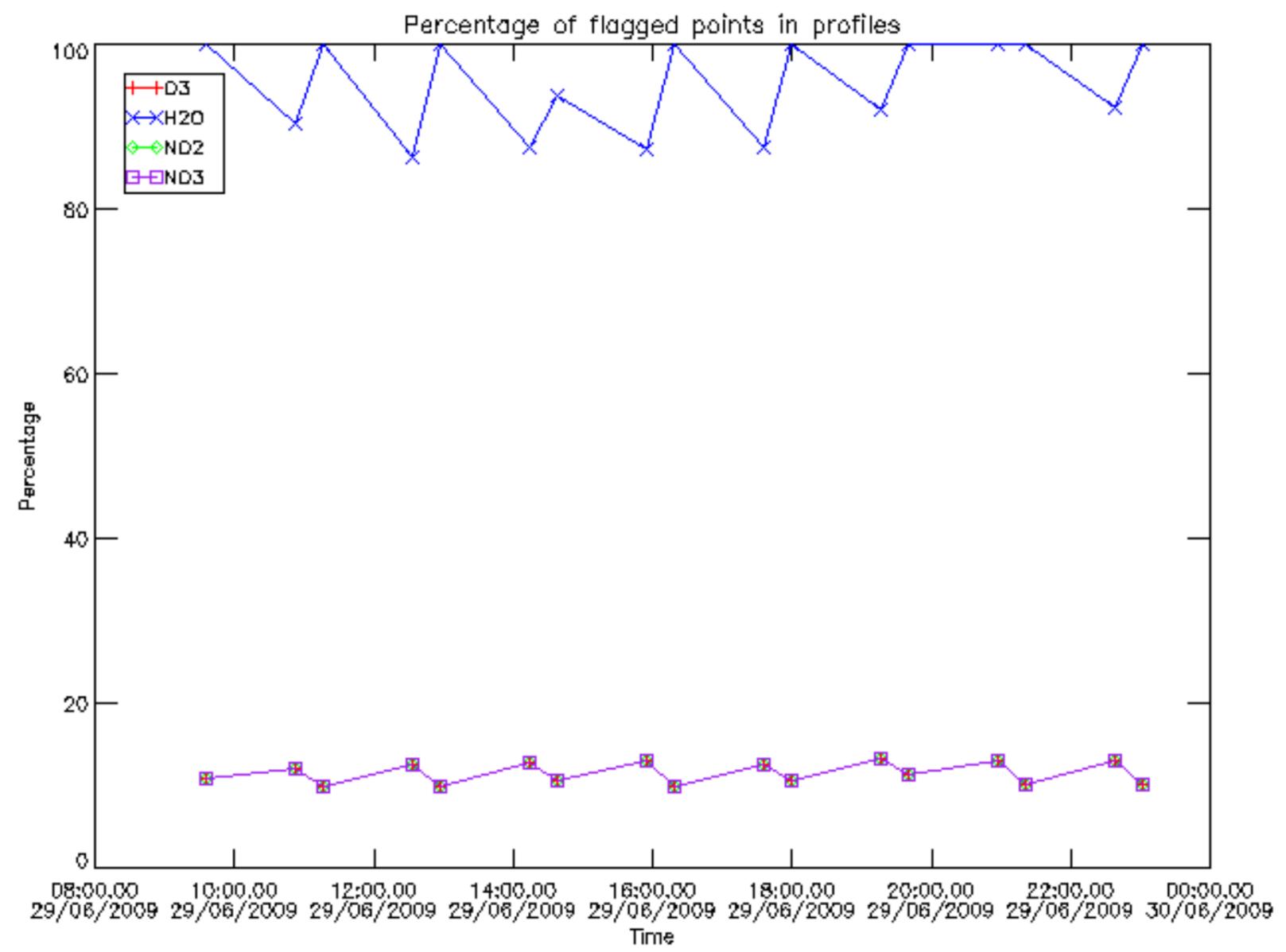




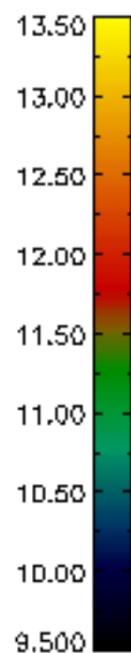
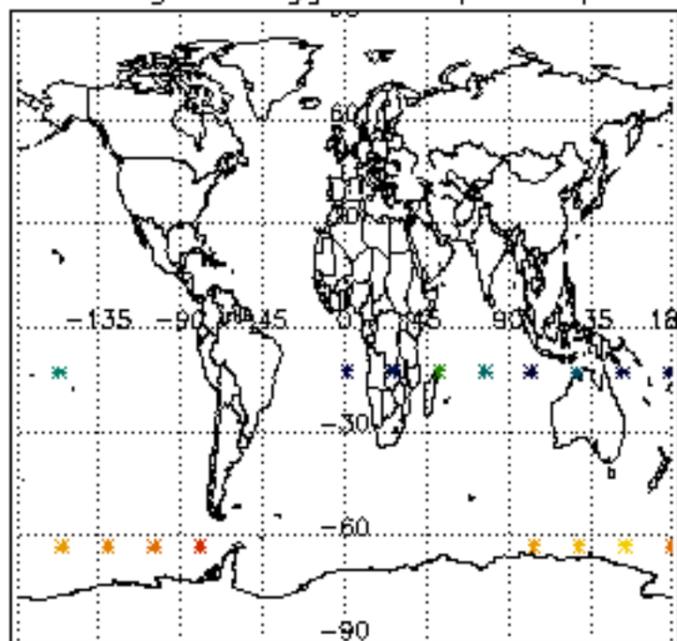




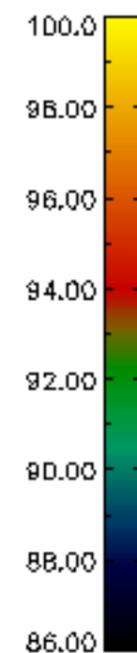
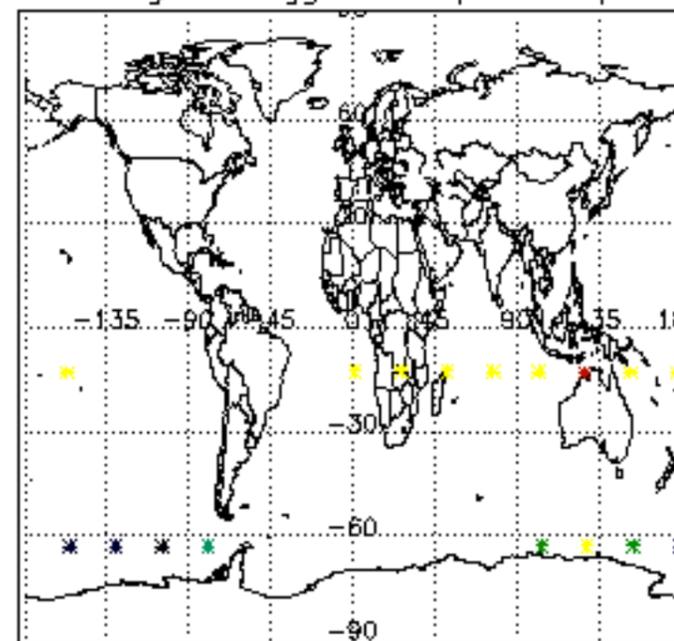




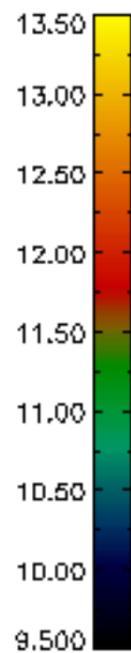
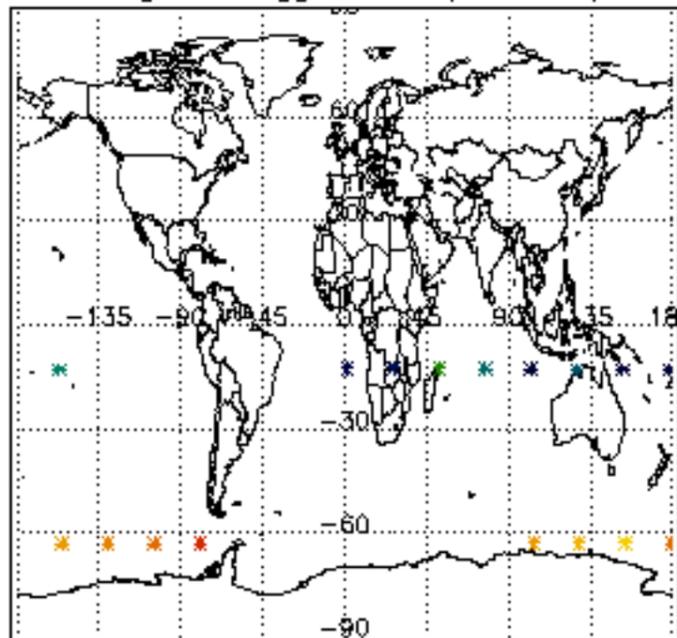
Percentage of flagged data per D3 profile



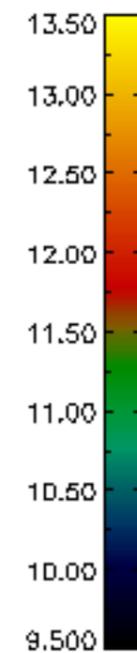
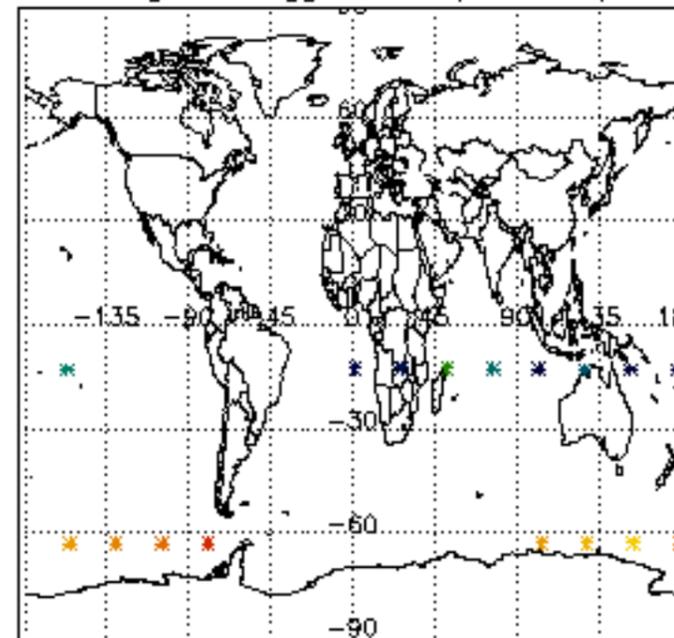
Percentage of flagged data per H2O profile

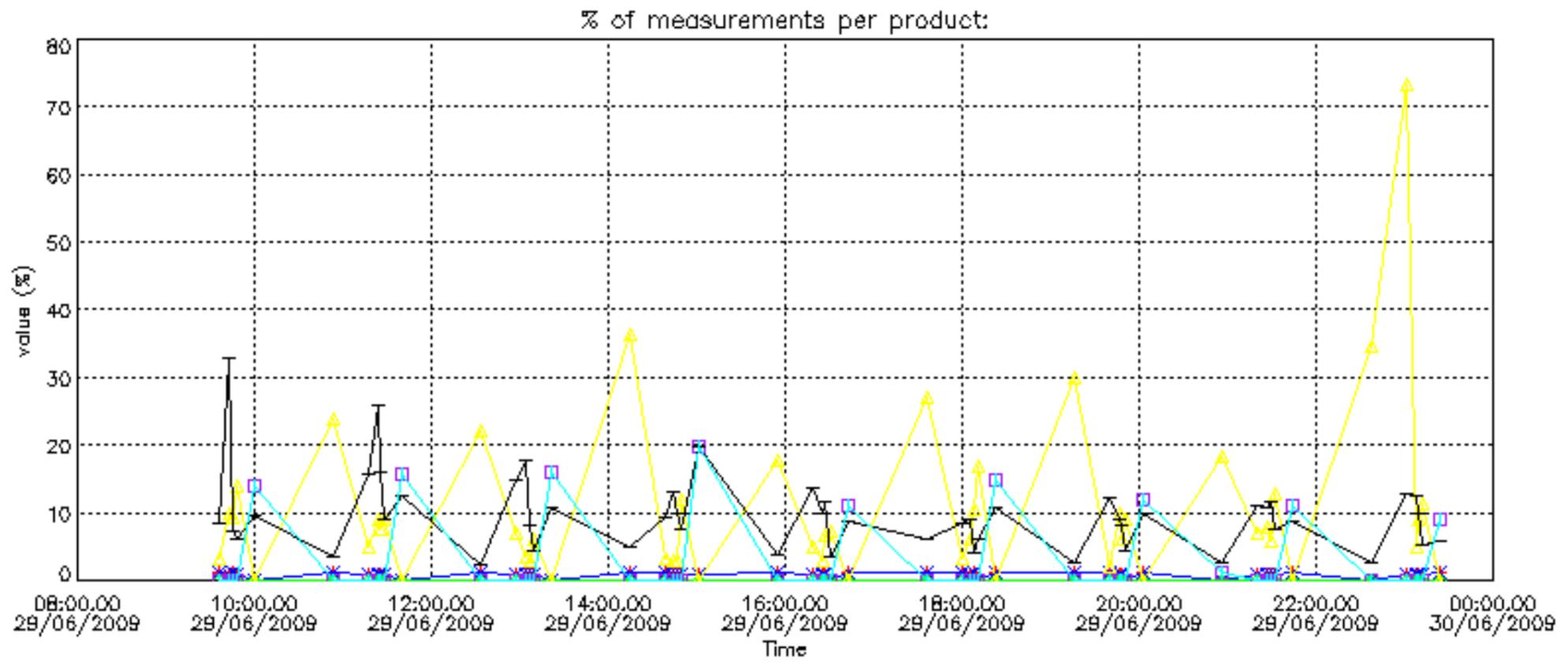
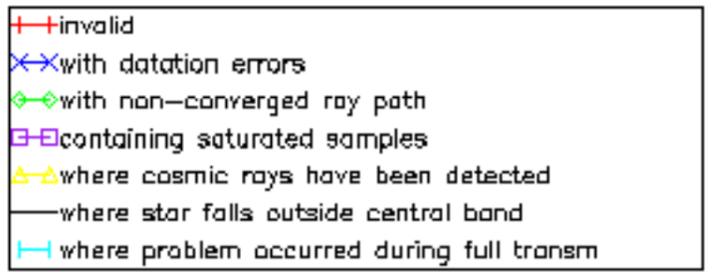


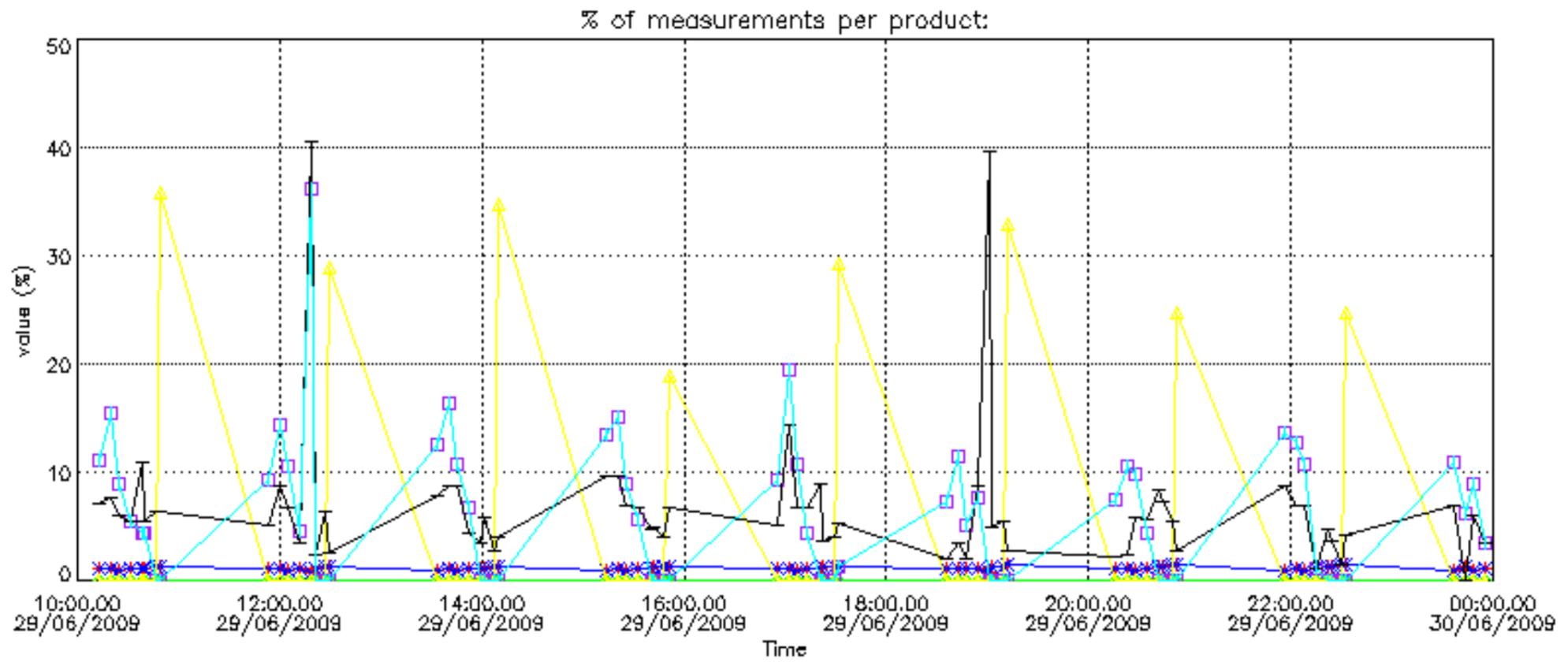
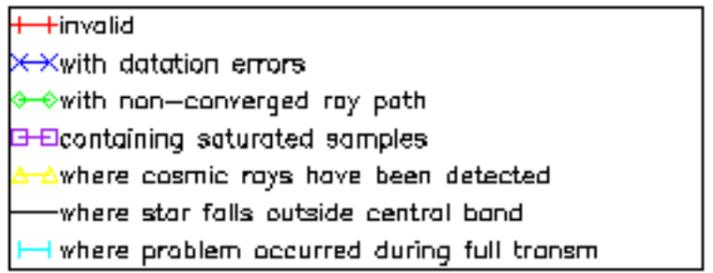
Percentage of flagged data per NO2 profile



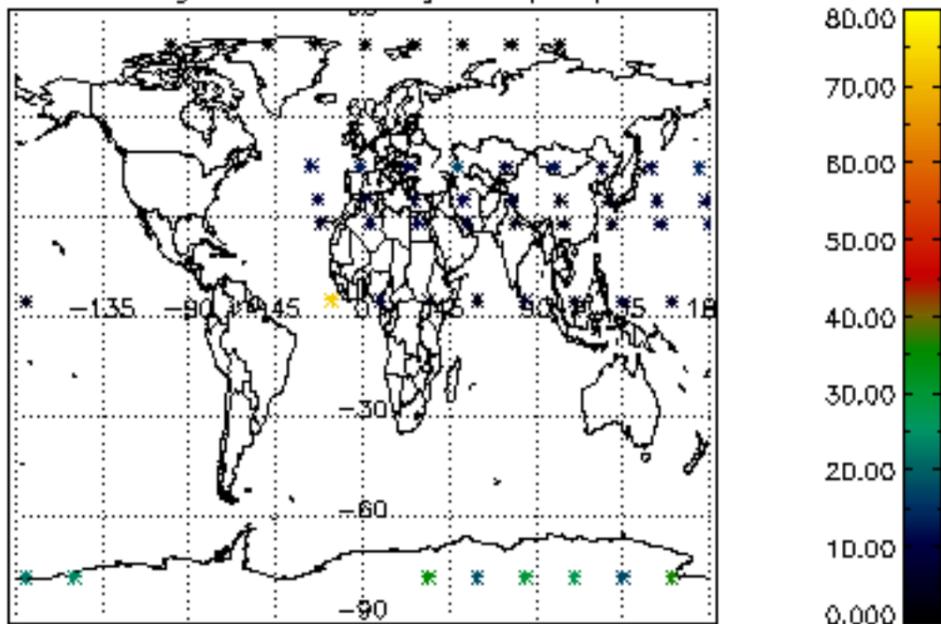
Percentage of flagged data per NO3 profile



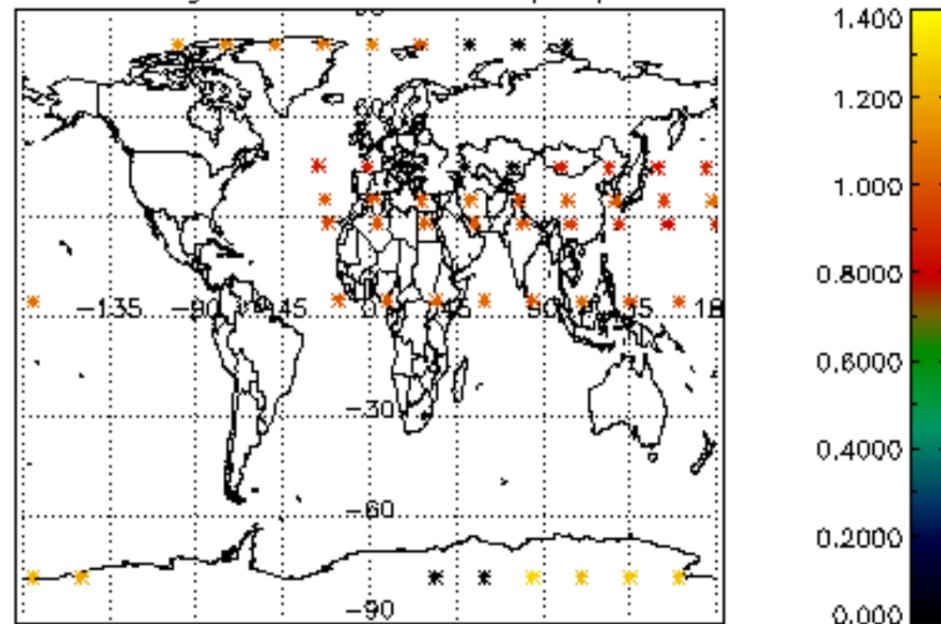




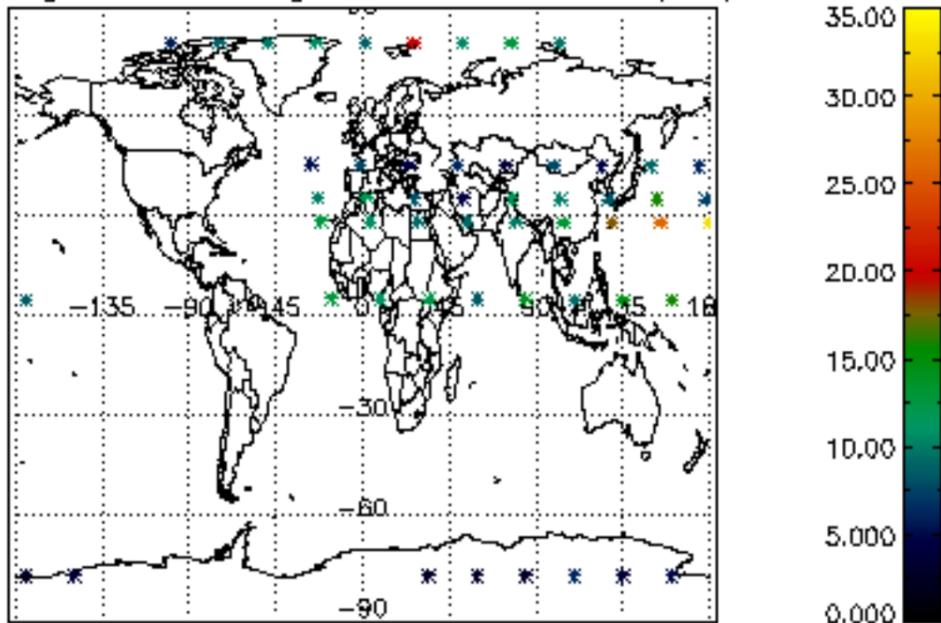
Percentage of cosmic ray hits per profile



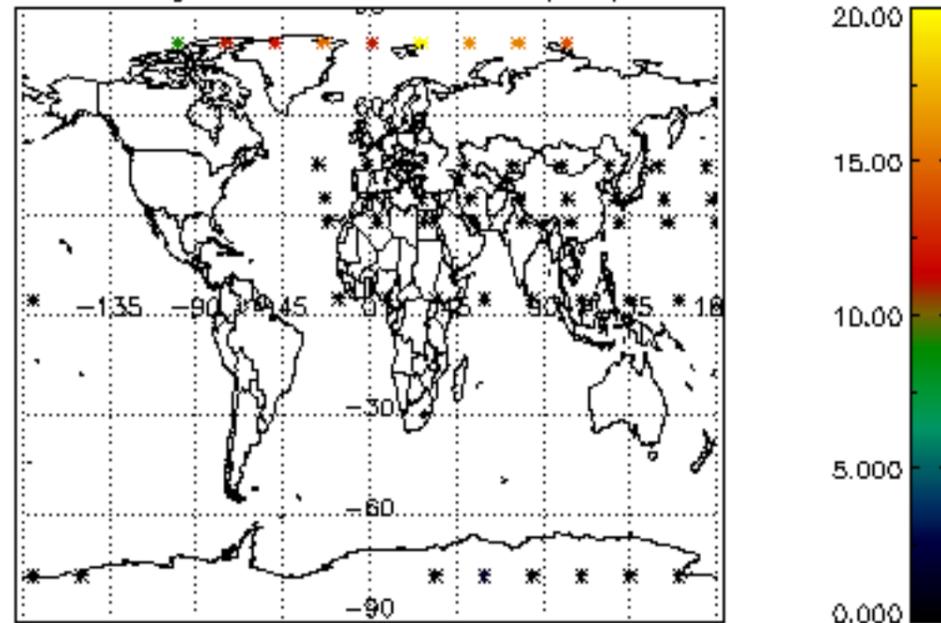
Percentage of datation errors per profile



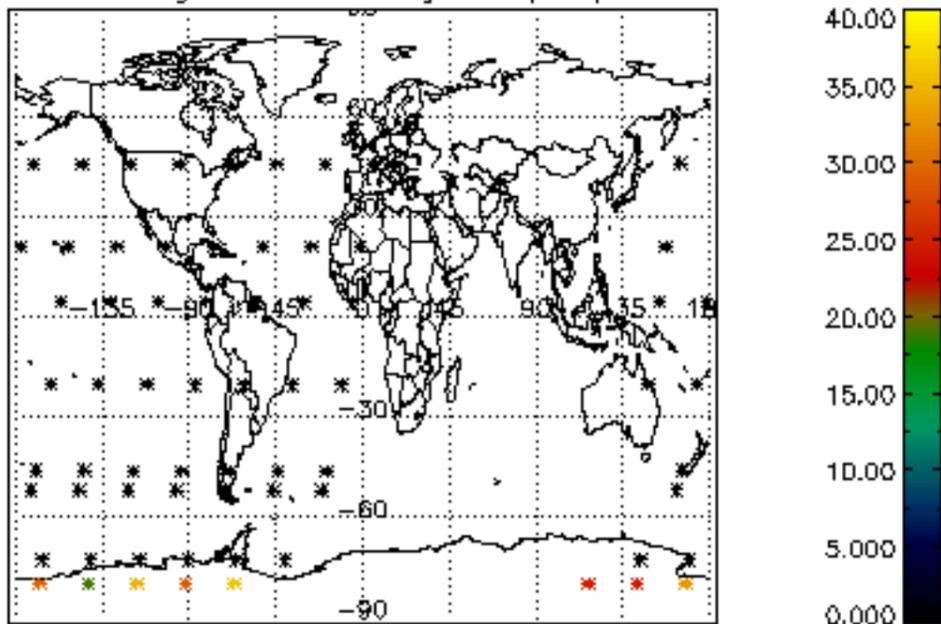
Percentage of star falling outside central band per profile



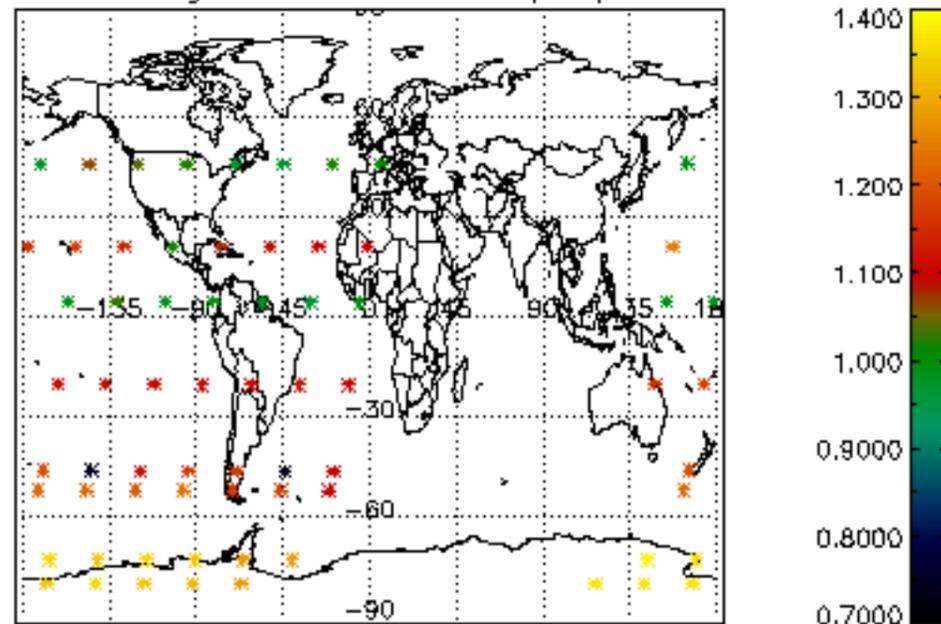
Percentage of saturation errors per profile



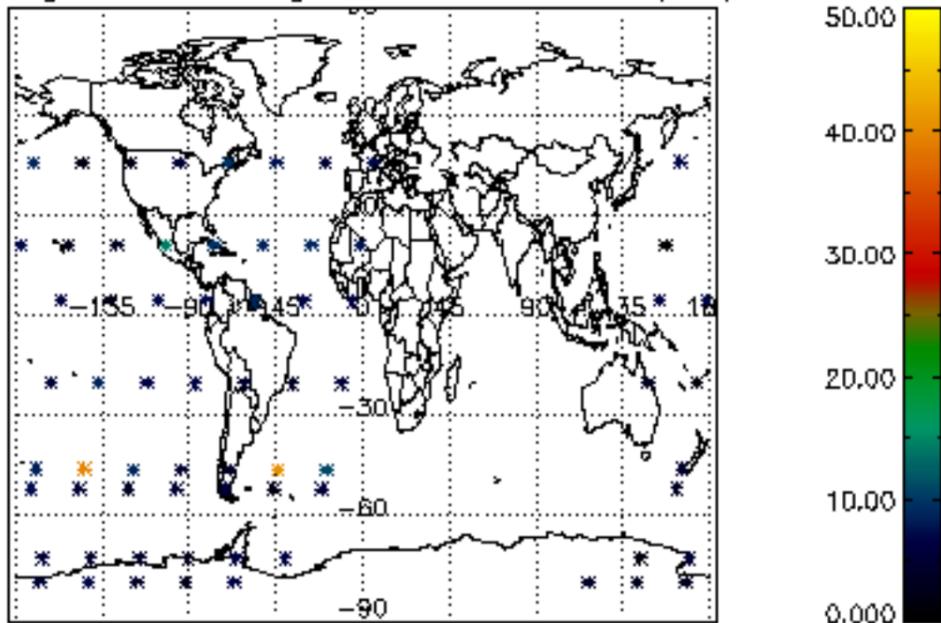
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

