

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	26APR2013 09:50:11
Data source version	GOMOS/6.01
Start time of products	29-05-2009 (29MAY2009 00:00:00)
Stop time of products	30-05-2009 (30MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	157
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__2PRFIN20090529_000629_000000332079_00245_37874_8625.N1	29-MAY-2009 00:06:29	Twilight	32.500	89	5Alp Cep	2.4510	8000.0	65	37874	No
2	GOM_NL__2PRFIN20090529_002123_000000282079_00245_37874_8626.N1	29-MAY-2009 00:21:23	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37874	No
3	GOM_NL__2PRFIN20090529_002608_000000292079_00245_37874_8627.N1	29-MAY-2009 00:26:08	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37874	No
4	GOM_NL__2PRFIN20090529_004318_000000392079_00245_37874_8628.N1	29-MAY-2009 00:43:18	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37874	No
5	GOM_NL__2PRFIN20090529_004901_000000422079_00246_37875_8633.N1	29-MAY-2009 00:49:01	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37875	No
6	GOM_NL__2PRFIN20090529_010339_000000332079_00246_37875_8634.N1	29-MAY-2009 01:03:39	Straylight	33.000	178	lot1Sco	3.0220	6550.0	66	37875	No
7	GOM_NL__2PRFIN20090529_010457_000000332079_00246_37875_8635.N1	29-MAY-2009 01:04:57	Twilight	32.500	25	35Lam Sco	1.6200	28000.	65	37875	No
8	GOM_NL__2PRFIN20090529_011238_000000352079_00246_37875_8636.N1	29-MAY-2009 01:12:38	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37875	No
9	GOM_NL__2PRFIN20090529_011433_000000322079_00246_37875_8637.N1	29-MAY-2009 01:14:33	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37875	No
10	GOM_NL__2PRFIN20090529_012511_000000352079_00246_37875_8638.N1	29-MAY-2009 01:25:11	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	37875	No
11	GOM_NL__2PRFIN20090529_012842_000000362079_00246_37875_8639.N1	29-MAY-2009 01:28:42	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	37875	No
12	GOM_NL__2PRFIN20090529_013617_000000352079_00246_37875_8640.N1	29-MAY-2009 01:36:17	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37875	No
13	GOM_NL__2PRFIN20090529_014704_000000322079_00246_37875_8641.N1	29-MAY-2009 01:47:04	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37875	No
14	GOM_NL__2PRFIN20090529_020159_000000282079_00246_37875_8642.N1	29-MAY-2009 02:01:59	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37875	No
15	GOM_NL__2PRFIN20090529_020644_000000292079_00246_37875_8643.N1	29-MAY-2009 02:06:44	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37875	No
16	GOM_NL__2PRFIN20090529_022355_000000392079_00246_37875_8644.N1	29-MAY-2009 02:23:55	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37875	No
17	GOM_NL__2PRFIN20090529_022938_000000422079_00247_37876_8641.N1	29-MAY-2009 02:29:38	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37876	No
18	GOM_NL__2PRFIN20090529_024415_000000332079_00247_37876_8642.N1	29-MAY-2009 02:44:15	Straylight	32.500	178	lot1Sco	3.0220	6550.0	65	37876	No
19	GOM_NL__2PRFIN20090529_024534_000000322079_00247_37876_8643.N1	29-MAY-2009 02:45:34	Twilight	32.000	25	35Lam Sco	1.6200	28000.	64	37876	No
20	GOM_NL__2PRFIN20090529_025314_000000352079_00247_37876_8644.N1	29-MAY-2009 02:53:14	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	37876	No
21	GOM_NL__2PRFIN20090529_025508_000000322079_00247_37876_8645.N1	29-MAY-2009 02:55:08	Bright	32.000	98	13Zet Oph	2.5710	30000.	64	37876	No
22	GOM_NL__2PRFIN20090529_030546_000000352079_00247_37876_8646.N1	29-MAY-2009 03:05:46	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	37876	No
23	GOM_NL__2PRFIN20090529_030918_000000362079_00247_37876_8647.N1	29-MAY-2009 03:09:18	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37876	No
24	GOM_NL__2PRFIN20090529_031652_000000352079_00247_37876_8648.N1	29-MAY-2009 03:16:52	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37876	No
25	GOM_NL__2PRFIN20090529_032740_000000322079_00247_37876_8649.N1	29-MAY-2009 03:27:40	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37876	No
26	GOM_NL__2PRFIN20090529_034235_000000282079_00247_37876_8650.N1	29-MAY-2009 03:42:35	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37876	No
27	GOM_NL__2PRFIN20090529_034720_000000292079_00247_37876_8651.N1	29-MAY-2009 03:47:20	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37876	No
28	GOM_NL__2PRFIN20090529_040433_000000392079_00247_37876_8652.N1	29-MAY-2009 04:04:33	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37876	No
29	GOM_NL__2PRFIN20090529_041016_000000422079_00248_37877_8649.N1	29-MAY-2009 04:10:16	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37877	No
30	GOM_NL__2PRFIN20090529_042452_000000322079_00248_37877_8650.N1	29-MAY-2009 04:24:52	Straylight	32.000	178	lot1Sco	3.0220	6550.0	64	37877	No
31	GOM_NL__2PRFIN20090529_042610_000000322079_00248_37877_8651.N1	29-MAY-2009 04:26:10	Twilight	32.000	25	35Lam Sco	1.6200	28000.	64	37877	No
32	GOM_NL__2PRFIN20090529_043350_000000352079_00248_37877_8652.N1	29-MAY-2009 04:33:50	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37877	No
33	GOM_NL__2PRFIN20090529_043545_000000322079_00248_37877_8653.N1	29-MAY-2009 04:35:45	Bright	32.000	98	13Zet Oph	2.5710	30000.	64	37877	No
34	GOM_NL__2PRFIN20090529_044622_000000342079_00248_37877_8654.N1	29-MAY-2009 04:46:22	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37877	No
35	GOM_NL__2PRFIN20090529_044953_000000362079_00248_37877_8655.N1	29-MAY-2009 04:49:53	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37877	No
36	GOM_NL__2PRFIN20090529_045727_000000352079_00248_37877_8656.N1	29-MAY-2009 04:57:27	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37877	No
37	GOM_NL__2PRFIN20090529_050815_000000322079_00248_37877_8657.N1	29-MAY-2009 05:08:15	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37877	No
38	GOM_NL__2PRFIN20090529_052311_000000282079_00248_37877_8658.N1	29-MAY-2009 05:23:11	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37877	No
39	GOM_NL__2PRFIN20090529_052757_000000292079_00248_37877_8659.N1	29-MAY-2009 05:27:57	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37877	No
40	GOM_NL__2PRFIN20090529_054510_000000392079_00248_37877_8660.N1	29-MAY-2009 05:45:10	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37877	No
41	GOM_NL__2PRFIN20090529_055054_000000412079_00249_37878_8678.N1	29-MAY-2009 05:50:54	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37878	No
42	GOM_NL__2PRFIN20090529_060528_000000322079_00249_37878_8679.N1	29-MAY-2009 06:05:28	Straylight	32.000	178	lot1Sco	3.0220	6550.0	64	37878	No

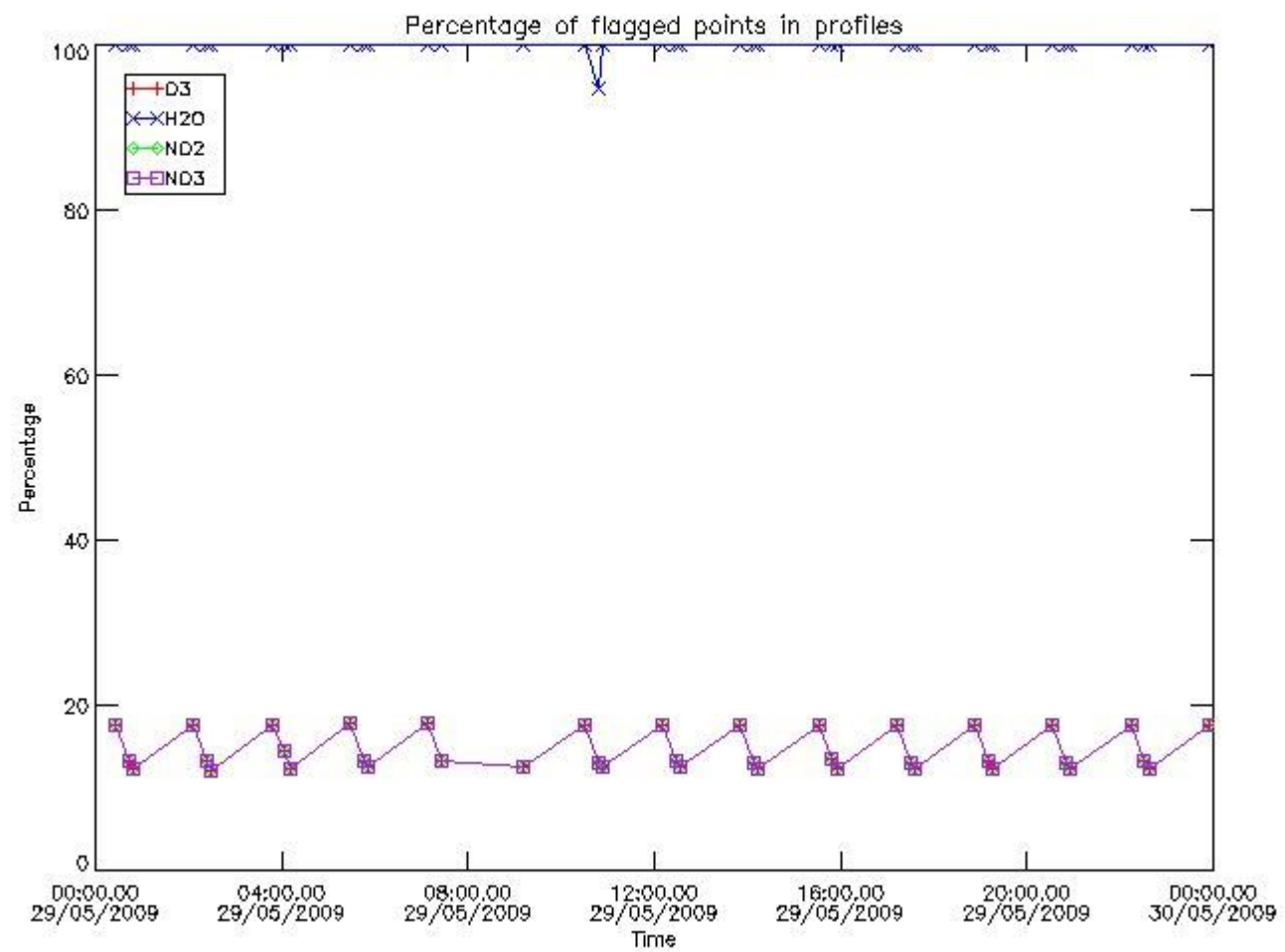
43	GOM_NL__2PRFIN20090529_060647_000000322079_00249_37878_8680.N1	29-MAY-2009 06:06:47	Twilight	32.000	25	35Lam Sco	1.6200	28000.	64	37878	No
44	GOM_NL__2PRFIN20090529_061426_000000352079_00249_37878_8681.N1	29-MAY-2009 06:14:26	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	37878	No
45	GOM_NL__2PRFIN20090529_061621_000000322079_00249_37878_8682.N1	29-MAY-2009 06:16:21	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37878	No
46	GOM_NL__2PRFIN20090529_062658_000000342079_00249_37878_8683.N1	29-MAY-2009 06:26:58	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37878	No
47	GOM_NL__2PRFIN20090529_063029_000000362079_00249_37878_8684.N1	29-MAY-2009 06:30:29	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37878	No
48	GOM_NL__2PRFIN20090529_063803_000000352079_00249_37878_8685.N1	29-MAY-2009 06:38:03	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37878	No
49	GOM_NL__2PRFIN20090529_064851_000000312079_00249_37878_8686.N1	29-MAY-2009 06:48:51	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	37878	No
50	GOM_NL__2PRFIN20090529_070348_000000282079_00249_37878_8687.N1	29-MAY-2009 07:03:48	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37878	No
51	GOM_NL__2PRFIN20090529_070833_000000292079_00249_37878_8688.N1	29-MAY-2009 07:08:33	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37878	No
52	GOM_NL__2PRFIN20090529_072547_000000382079_00249_37878_8689.N1	29-MAY-2009 07:25:47	Dark	38.000	18	24Alp PsA	1.1660	9700.0	76	37878	No
53	GOM_NL__2PRFIN20090529_091208_000000412079_00251_37880_8724.N1	29-MAY-2009 09:12:08	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37880	No
54	GOM_NL__2PRFIN20090529_092759_000000322079_00251_37880_8725.N1	29-MAY-2009 09:27:59	Twilight	32.000	25	35Lam Sco	1.6200	28000.	64	37880	No
55	GOM_NL__2PRFIN20090529_093539_000000342079_00251_37880_8726.N1	29-MAY-2009 09:35:39	Bright	33.500	86	35Eta Oph	2.4300	10200.	67	37880	No
56	GOM_NL__2PRFIN20090529_093733_000000322079_00251_37880_8727.N1	29-MAY-2009 09:37:33	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37880	No
57	GOM_NL__2PRFIN20090529_094808_000000352079_00251_37880_8728.N1	29-MAY-2009 09:48:08	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	37880	No
58	GOM_NL__2PRFIN20090529_095139_000000362079_00251_37880_8729.N1	29-MAY-2009 09:51:39	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37880	No
59	GOM_NL__2PRFIN20090529_095913_000000362079_00251_37880_8730.N1	29-MAY-2009 09:59:13	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	37880	No
60	GOM_NL__2PRFIN20090529_101001_000000332079_00251_37880_8731.N1	29-MAY-2009 10:10:01	Twilight	32.500	89	5Alp Cep	2.4510	8000.0	65	37880	No
61	GOM_NL__2PRFIN20090529_102500_000000282079_00251_37880_8732.N1	29-MAY-2009 10:25:00	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37880	No
62	GOM_NL__2PRFIN20090529_102946_000000292079_00251_37880_8733.N1	29-MAY-2009 10:29:46	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37880	No
63	GOM_NL__2PRFIN20090529_104701_000000392079_00251_37880_8734.N1	29-MAY-2009 10:47:01	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37880	No
64	GOM_NL__2PRFIN20090529_105245_000000412079_00252_37881_8738.N1	29-MAY-2009 10:52:45	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37881	No
65	GOM_NL__2PRFIN20090529_110836_000000322079_00252_37881_8739.N1	29-MAY-2009 11:08:36	Twilight	32.000	25	35Lam Sco	1.6200	28000.	64	37881	No
66	GOM_NL__2PRFIN20090529_111615_000000342079_00252_37881_8740.N1	29-MAY-2009 11:16:15	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37881	No
67	GOM_NL__2PRFIN20090529_111809_000000322079_00252_37881_8741.N1	29-MAY-2009 11:18:09	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37881	No
68	GOM_NL__2PRFIN20090529_112844_000000342079_00252_37881_8742.N1	29-MAY-2009 11:28:44	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37881	No
69	GOM_NL__2PRFIN20090529_113215_000000352079_00252_37881_8743.N1	29-MAY-2009 11:32:15	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37881	No
70	GOM_NL__2PRFIN20090529_113948_000000352079_00252_37881_8744.N1	29-MAY-2009 11:39:48	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37881	No
71	GOM_NL__2PRFIN20090529_115037_000000322079_00252_37881_8745.N1	29-MAY-2009 11:50:37	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37881	No
72	GOM_NL__2PRFIN20090529_120536_000000282079_00252_37881_8746.N1	29-MAY-2009 12:05:36	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37881	No
73	GOM_NL__2PRFIN20090529_121022_000000292079_00252_37881_8747.N1	29-MAY-2009 12:10:22	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37881	No
74	GOM_NL__2PRFIN20090529_122738_000000392079_00252_37881_8748.N1	29-MAY-2009 12:27:38	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37881	No
75	GOM_NL__2PRFIN20090529_123323_000000412079_00253_37882_8752.N1	29-MAY-2009 12:33:23	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37882	No
76	GOM_NL__2PRFIN20090529_124827_000000372079_00253_37882_8753.N1	29-MAY-2009 12:48:27	Straylight	37.000	38	20Eps Sgr	1.8360	11000.	74	37882	No
77	GOM_NL__2PRFIN20090529_125011_000000402079_00253_37882_8754.N1	29-MAY-2009 12:50:11	Twilight	39.500	116	19Del Sgr	2.7000	4100.0	79	37882	No
78	GOM_NL__2PRFIN20090529_125650_000000352079_00253_37882_8755.N1	29-MAY-2009 12:56:50	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37882	No
79	GOM_NL__2PRFIN20090529_125844_000000322079_00253_37882_8756.N1	29-MAY-2009 12:58:44	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37882	No
80	GOM_NL__2PRFIN20090529_130920_000000342079_00253_37882_8757.N1	29-MAY-2009 13:09:20	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37882	No
81	GOM_NL__2PRFIN20090529_131250_000000352079_00253_37882_8758.N1	29-MAY-2009 13:12:50	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37882	No
82	GOM_NL__2PRFIN20090529_132023_000000352079_00253_37882_8759.N1	29-MAY-2009 13:20:23	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37882	No
83	GOM_NL__2PRFIN20090529_133112_000000322079_00253_37882_8760.N1	29-MAY-2009 13:31:12	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37882	No
84	GOM_NL__2PRFIN20090529_134612_000000282079_00253_37882_8761.N1	29-MAY-2009 13:46:12	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37882	No
85	GOM_NL__2PRFIN20090529_135059_000000292079_00253_37882_8762.N1	29-MAY-2009 13:50:59	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37882	No
86	GOM_NL__2PRFIN20090529_140815_000000392079_00253_37882_8763.N1	29-MAY-2009 14:08:15	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37882	No
87	GOM_NL__2PRFIN20090529_141359_000000422079_00254_37883_8766.N1	29-MAY-2009 14:13:59	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37883	No
88	GOM_NL__2PRFIN20090529_142903_000000382079_00254_37883_8767.N1	29-MAY-2009 14:29:03	Straylight	37.500	38	20Eps Sgr	1.8360	11000.	75	37883	No
89	GOM_NL__2PRFIN20090529_143047_000000392079_00254_37883_8768.N1	29-MAY-2009 14:30:47	Twilight	39.000	116	19Del Sgr	2.7000	4100.0	78	37883	No
90	GOM_NL__2PRFIN20090529_143727_000000352079_00254_37883_8769.N1	29-MAY-2009 14:37:27	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37883	No
91	GOM_NL__2PRFIN20090529_143920_000000322079_00254_37883_8770.N1	29-MAY-2009 14:39:20	Bright	32.000	98	13Zet Oph	2.5710	30000.	64	37883	No
92	GOM_NL__2PRFIN20090529_144955_000000352079_00254_37883_8771.N1	29-MAY-2009 14:49:55	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	37883	No
93	GOM_NL__2PRFIN20090529_145325_000000352079_00254_37883_8772.N1	29-MAY-2009 14:53:25	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37883	No
94	GOM_NL__2PRFIN20090529_150059_000000352079_00254_37883_8773.N1	29-MAY-2009 15:00:59	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37883	No
95	GOM_NL__2PRFIN20090529_151147_000000332079_00254_37883_8774.N1	29-MAY-2009 15:11:47	Twilight	32.500	89	5Alp Cep	2.4510	8000.0	65	37883	No
96	GOM_NL__2PRFIN20090529_152648_000000282079_00254_37883_8775.N1	29-MAY-2009 15:26:48	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37883	No
97	GOM_NL__2PRFIN20090529_153135_000000292079_00254_37883_8776.N1	29-MAY-2009 15:31:35	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37883	No
98	GOM_NL__2PRFIN20090529_154853_000000382079_00254_37883_8777.N1	29-MAY-2009 15:48:53	Dark	38.000	18	24Alp PsA	1.1660	9700.0	76	37883	No
99	GOM_NL__2PRFIN20090529_155437_000000422079_00255_37884_8780.N1	29-MAY-2009 15:54:37	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37884	No
100	GOM_NL__2PRFIN20090529_160940_000000382079_00255_37884_8781.N1	29-MAY-2009 16:09:40	Straylight	37.500	38	20Eps Sgr	1.8360	11000.	75	37884	No
101	GOM_NL__2PRFIN20090529_161124_000000392079_00255_37884_8782.N1	29-MAY-2009 16:11:24	Twilight	39.000	116	19Del Sgr	2.7000	4100.0	78	37884	No

102	GOM_NL__2PRFIN20090529_161803_000000352079_00255_37884_8783.N1	29-MAY-2009 16:18:03	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37884	No
103	GOM_NL__2PRFIN20090529_161956_000000322079_00255_37884_8784.N1	29-MAY-2009 16:19:56	Bright	32.000	98	13Zet Oph	2.5710	30000.	64	37884	No
104	GOM_NL__2PRFIN20090529_163030_000000352079_00255_37884_8785.N1	29-MAY-2009 16:30:30	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	37884	No
105	GOM_NL__2PRFIN20090529_163401_000000362079_00255_37884_8786.N1	29-MAY-2009 16:34:01	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37884	No
106	GOM_NL__2PRFIN20090529_164134_000000362079_00255_37884_8787.N1	29-MAY-2009 16:41:34	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	37884	No
107	GOM_NL__2PRFIN20090529_165223_000000332079_00255_37884_8788.N1	29-MAY-2009 16:52:23	Twilight	32.500	89	5Alp Cep	2.4510	8000.0	65	37884	No
108	GOM_NL__2PRFIN20090529_170724_000000282079_00255_37884_8789.N1	29-MAY-2009 17:07:24	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37884	No
109	GOM_NL__2PRFIN20090529_171212_000000292079_00255_37884_8790.N1	29-MAY-2009 17:12:12	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37884	No
110	GOM_NL__2PRFIN20090529_172929_000000392079_00255_37884_8791.N1	29-MAY-2009 17:29:29	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37884	No
111	GOM_NL__2PRFIN20090529_173514_000000422079_00256_37885_8811.N1	29-MAY-2009 17:35:14	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37885	No
112	GOM_NL__2PRFIN20090529_175017_000000382079_00256_37885_8812.N1	29-MAY-2009 17:50:17	Straylight	37.500	38	20Eps Sgr	1.8360	11000.	75	37885	No
113	GOM_NL__2PRFIN20090529_175200_000000402079_00256_37885_8813.N1	29-MAY-2009 17:52:00	Twilight	39.500	116	19Del Sgr	2.7000	4100.0	79	37885	No
114	GOM_NL__2PRFIN20090529_175839_000000352079_00256_37885_8814.N1	29-MAY-2009 17:58:39	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	37885	No
115	GOM_NL__2PRFIN20090529_180032_000000322079_00256_37885_8815.N1	29-MAY-2009 18:00:32	Bright	32.000	98	13Zet Oph	2.5710	30000.	64	37885	No
116	GOM_NL__2PRFIN20090529_181106_000000352079_00256_37885_8816.N1	29-MAY-2009 18:11:06	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	37885	No
117	GOM_NL__2PRFIN20090529_181436_000000362079_00256_37885_8817.N1	29-MAY-2009 18:14:36	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37885	No
118	GOM_NL__2PRFIN20090529_182209_000000362079_00256_37885_8818.N1	29-MAY-2009 18:22:09	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	37885	No
119	GOM_NL__2PRFIN20090529_183258_000000332079_00256_37885_8819.N1	29-MAY-2009 18:32:58	Twilight	32.500	89	5Alp Cep	2.4510	8000.0	65	37885	No
120	GOM_NL__2PRFIN20090529_184801_000000282079_00256_37885_8820.N1	29-MAY-2009 18:48:01	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37885	No
121	GOM_NL__2PRFIN20090529_185248_000000292079_00256_37885_8821.N1	29-MAY-2009 18:52:48	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37885	No
122	GOM_NL__2PRFIN20090529_191007_000000392079_00256_37885_8822.N1	29-MAY-2009 19:10:07	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37885	No
123	GOM_NL__2PRFIN20090529_191551_000000412079_00257_37886_8845.N1	29-MAY-2009 19:15:51	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37886	No
124	GOM_NL__2PRFIN20090529_193053_000000382079_00257_37886_8846.N1	29-MAY-2009 19:30:53	Straylight	37.500	38	20Eps Sgr	1.8360	11000.	75	37886	No
125	GOM_NL__2PRFIN20090529_193237_000000402079_00257_37886_8847.N1	29-MAY-2009 19:32:37	Twilight	39.500	116	19Del Sgr	2.7000	4100.0	79	37886	No
126	GOM_NL__2PRFIN20090529_193915_000000352079_00257_37886_8848.N1	29-MAY-2009 19:39:15	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37886	No
127	GOM_NL__2PRFIN20090529_194108_000000322079_00257_37886_8849.N1	29-MAY-2009 19:41:08	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37886	No
128	GOM_NL__2PRFIN20090529_195141_000000342079_00257_37886_8850.N1	29-MAY-2009 19:51:41	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37886	No
129	GOM_NL__2PRFIN20090529_195512_000000352079_00257_37886_8851.N1	29-MAY-2009 19:55:12	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37886	No
130	GOM_NL__2PRFIN20090529_200244_000000362079_00257_37886_8852.N1	29-MAY-2009 20:02:44	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	37886	No
131	GOM_NL__2PRFIN20090529_201333_000000332079_00257_37886_8853.N1	29-MAY-2009 20:13:33	Twilight	32.500	89	5Alp Cep	2.4510	8000.0	65	37886	No
132	GOM_NL__2PRFIN20090529_202836_000000282079_00257_37886_8854.N1	29-MAY-2009 20:28:36	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37886	No
133	GOM_NL__2PRFIN20090529_203325_000000292079_00257_37886_8855.N1	29-MAY-2009 20:33:25	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37886	No
134	GOM_NL__2PRFIN20090529_205044_000000392079_00257_37886_8856.N1	29-MAY-2009 20:50:44	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37886	No
135	GOM_NL__2PRFIN20090529_205628_000000412079_00258_37887_8874.N1	29-MAY-2009 20:56:28	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37887	No
136	GOM_NL__2PRFIN20090529_211130_000000372079_00258_37887_8875.N1	29-MAY-2009 21:11:30	Straylight	37.000	38	20Eps Sgr	1.8360	11000.	74	37887	No
137	GOM_NL__2PRFIN20090529_211313_000000392079_00258_37887_8876.N1	29-MAY-2009 21:13:13	Twilight	39.000	116	19Del Sgr	2.7000	4100.0	78	37887	No
138	GOM_NL__2PRFIN20090529_211950_000000352079_00258_37887_8877.N1	29-MAY-2009 21:19:50	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37887	No
139	GOM_NL__2PRFIN20090529_212144_000000322079_00258_37887_8878.N1	29-MAY-2009 21:21:44	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37887	No
140	GOM_NL__2PRFIN20090529_213217_000000342079_00258_37887_8879.N1	29-MAY-2009 21:32:17	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37887	No
141	GOM_NL__2PRFIN20090529_213547_000000362079_00258_37887_8880.N1	29-MAY-2009 21:35:47	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37887	No
142	GOM_NL__2PRFIN20090529_214319_000000362079_00258_37887_8881.N1	29-MAY-2009 21:43:19	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	37887	No
143	GOM_NL__2PRFIN20090529_215409_000000322079_00258_37887_8882.N1	29-MAY-2009 21:54:09	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37887	No
144	GOM_NL__2PRFIN20090529_220913_000000282079_00258_37887_8883.N1	29-MAY-2009 22:09:13	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37887	No
145	GOM_NL__2PRFIN20090529_221401_000000292079_00258_37887_8884.N1	29-MAY-2009 22:14:01	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37887	No
146	GOM_NL__2PRFIN20090529_223121_000000392079_00258_37887_8885.N1	29-MAY-2009 22:31:21	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37887	No
147	GOM_NL__2PRFIN20090529_223705_000000422079_00259_37888_8904.N1	29-MAY-2009 22:37:05	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37888	No
148	GOM_NL__2PRFIN20090529_225206_000000372079_00259_37888_8905.N1	29-MAY-2009 22:52:06	Straylight	37.000	38	20Eps Sgr	1.8360	11000.	74	37888	No
149	GOM_NL__2PRFIN20090529_225350_000000392079_00259_37888_8906.N1	29-MAY-2009 22:53:50	Twilight	39.000	116	19Del Sgr	2.7000	4100.0	78	37888	No
150	GOM_NL__2PRFIN20090529_230027_000000342079_00259_37888_8907.N1	29-MAY-2009 23:00:27	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37888	No
151	GOM_NL__2PRFIN20090529_230220_000000322079_00259_37888_8908.N1	29-MAY-2009 23:02:20	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37888	No
152	GOM_NL__2PRFIN20090529_231252_000000342079_00259_37888_8909.N1	29-MAY-2009 23:12:52	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37888	No
153	GOM_NL__2PRFIN20090529_231622_000000362079_00259_37888_8910.N1	29-MAY-2009 23:16:22	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37888	No
154	GOM_NL__2PRFIN20090529_232354_000000362079_00259_37888_8911.N1	29-MAY-2009 23:23:54	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	37888	No
155	GOM_NL__2PRFIN20090529_233445_000000322079_00259_37888_8912.N1	29-MAY-2009 23:34:45	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37888	No
156	GOM_NL__2PRFIN20090529_234949_000000282079_00259_37888_8913.N1	29-MAY-2009 23:49:49	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37888	No
157	GOM_NL__2PRFIN20090529_235437_000000292079_00259_37888_8914.N1	29-MAY-2009 23:54:37	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37888	No

3. Quality information per product

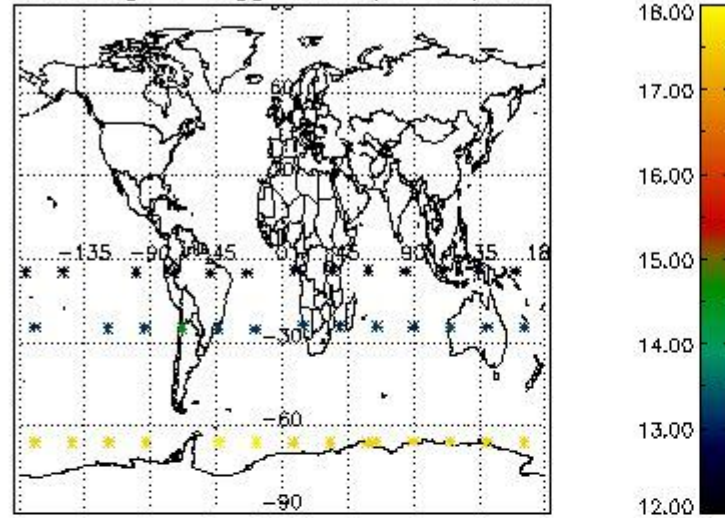
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

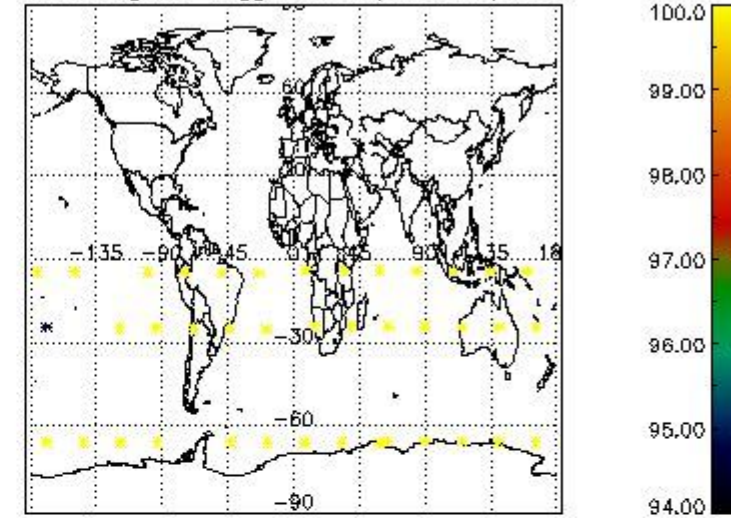


3.2 Plot quality information per product (world map)

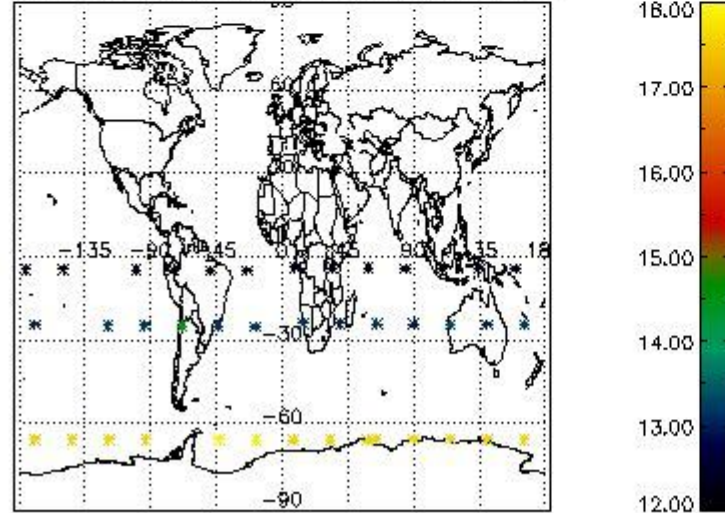
Percentage of flagged data per O3 profile



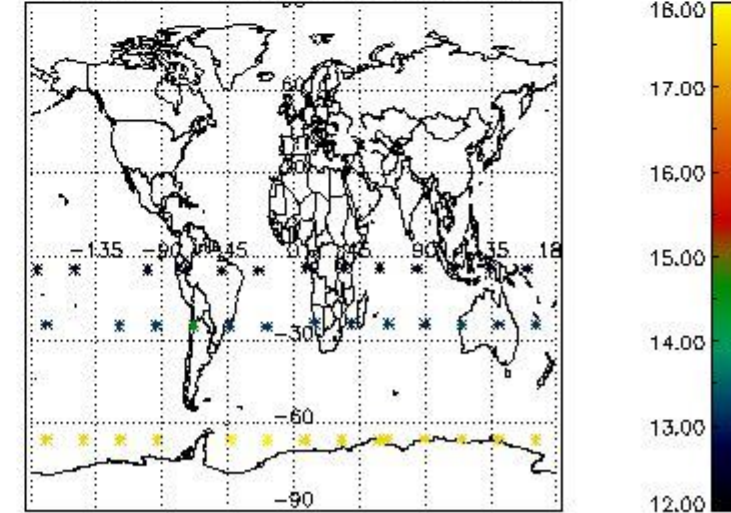
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

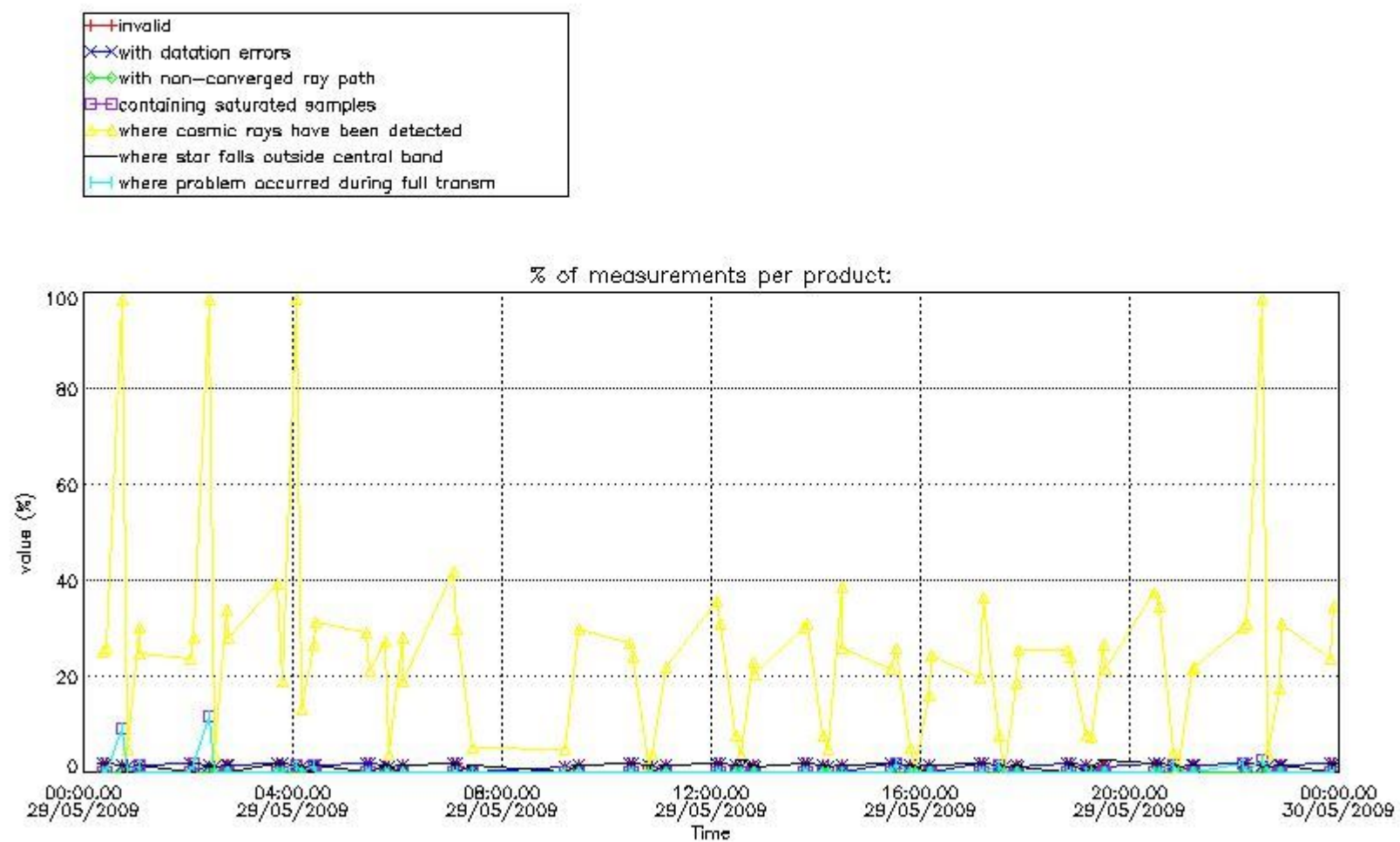


4. Level 1 quality information per product

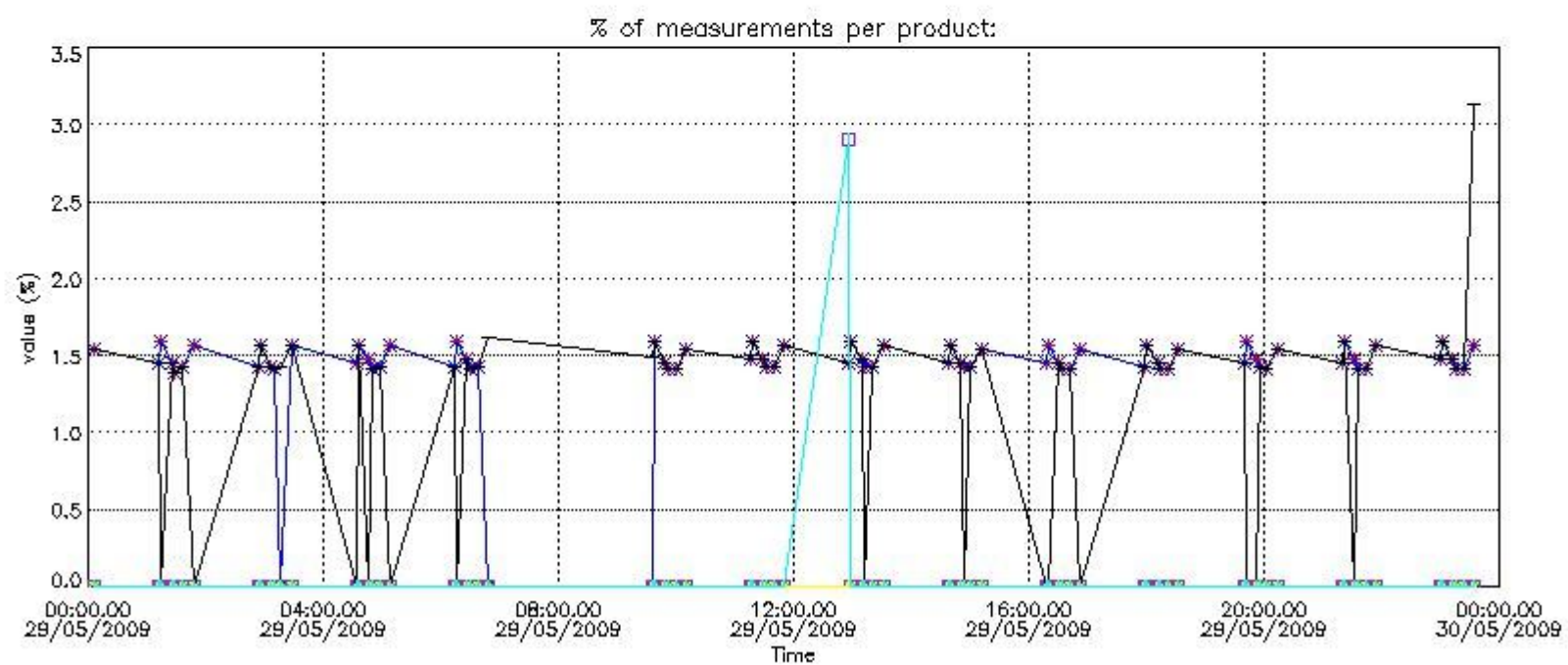
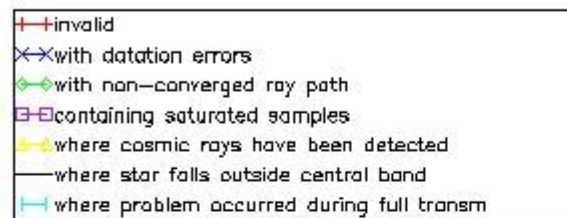
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

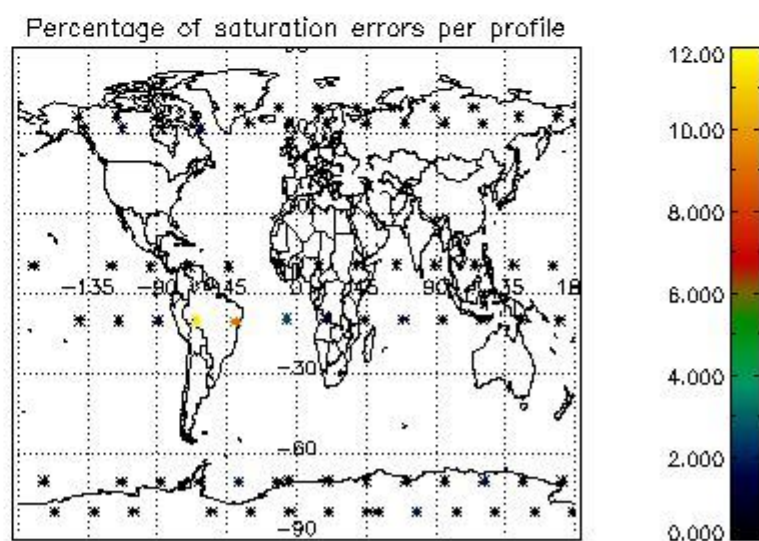
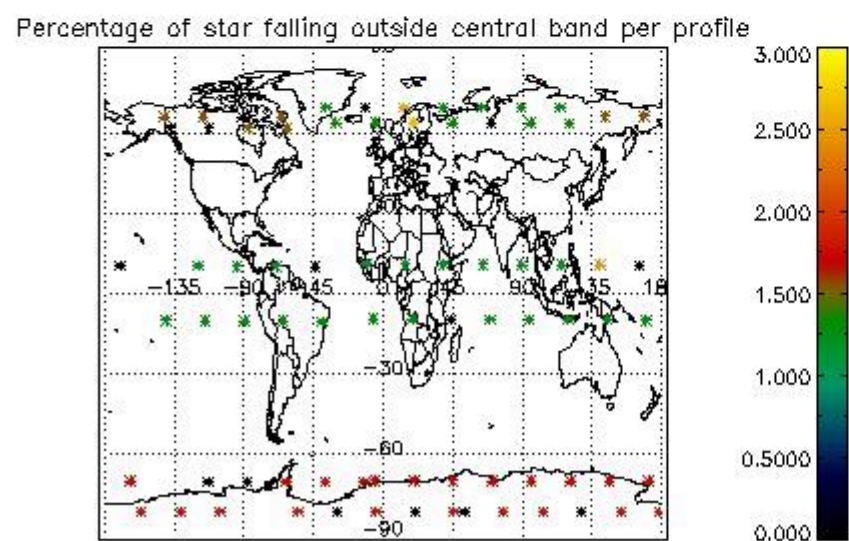
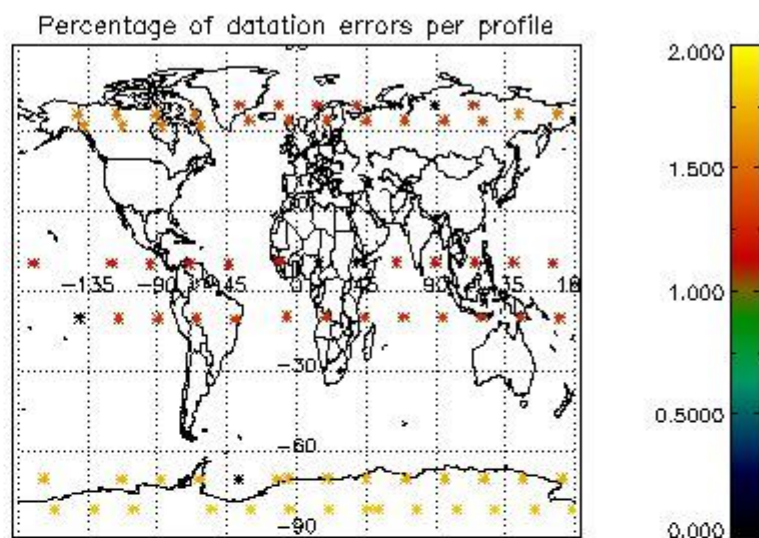
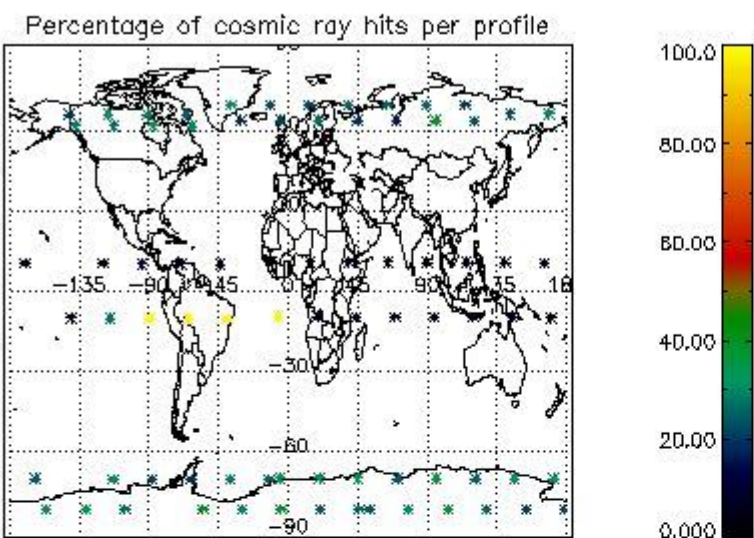


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

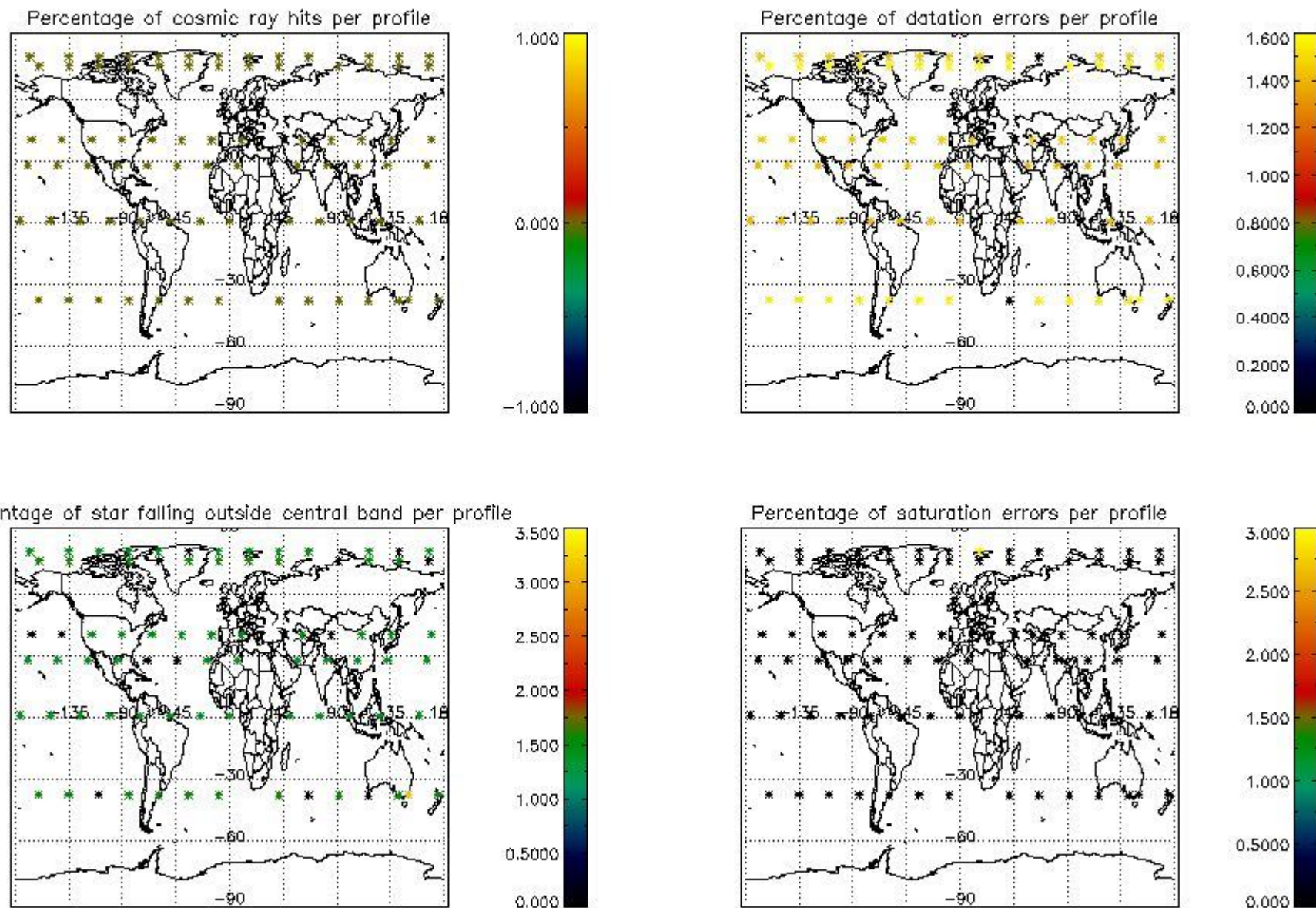


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

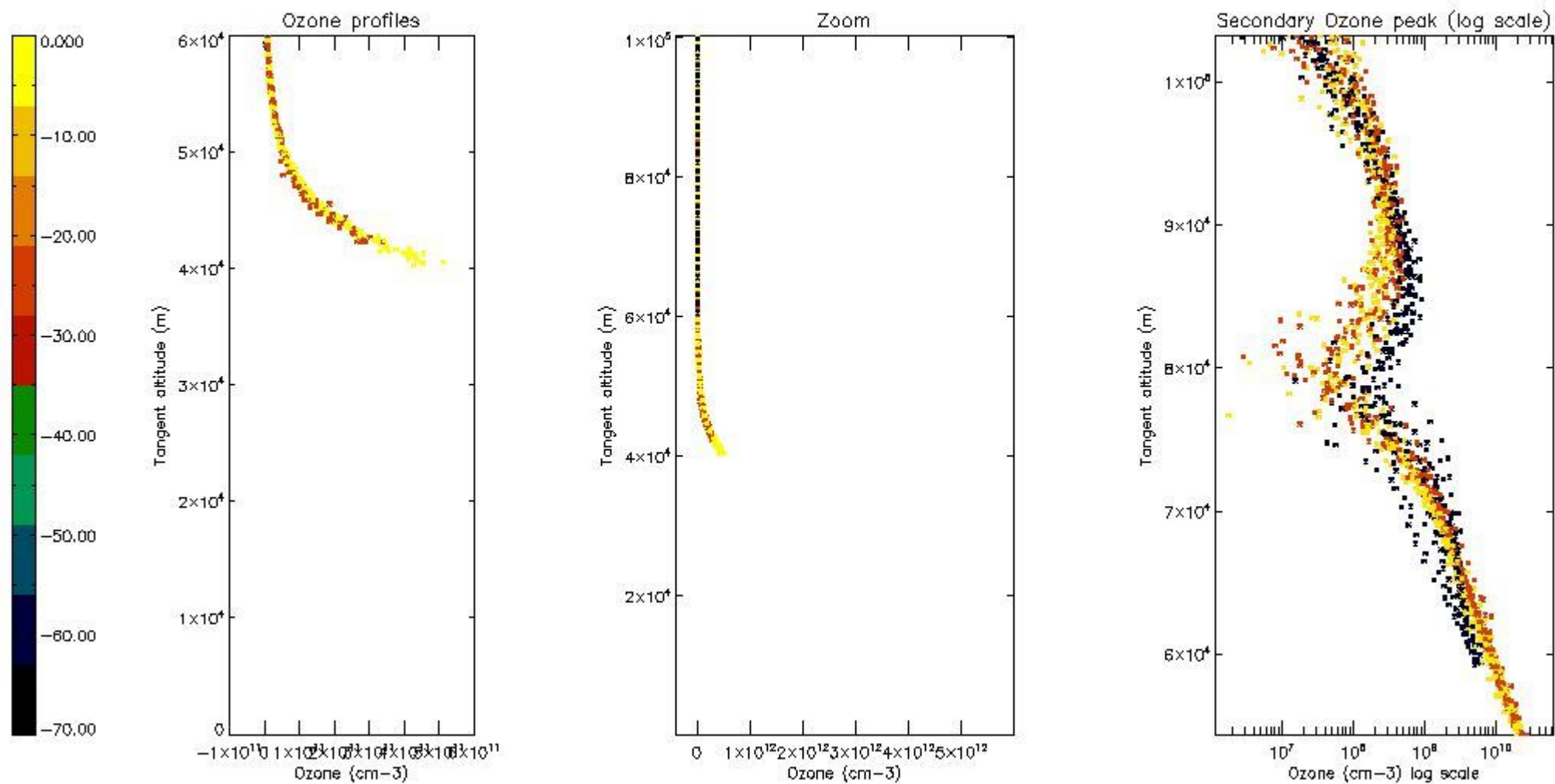
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	13

STD < 10	10
STD < 5	6

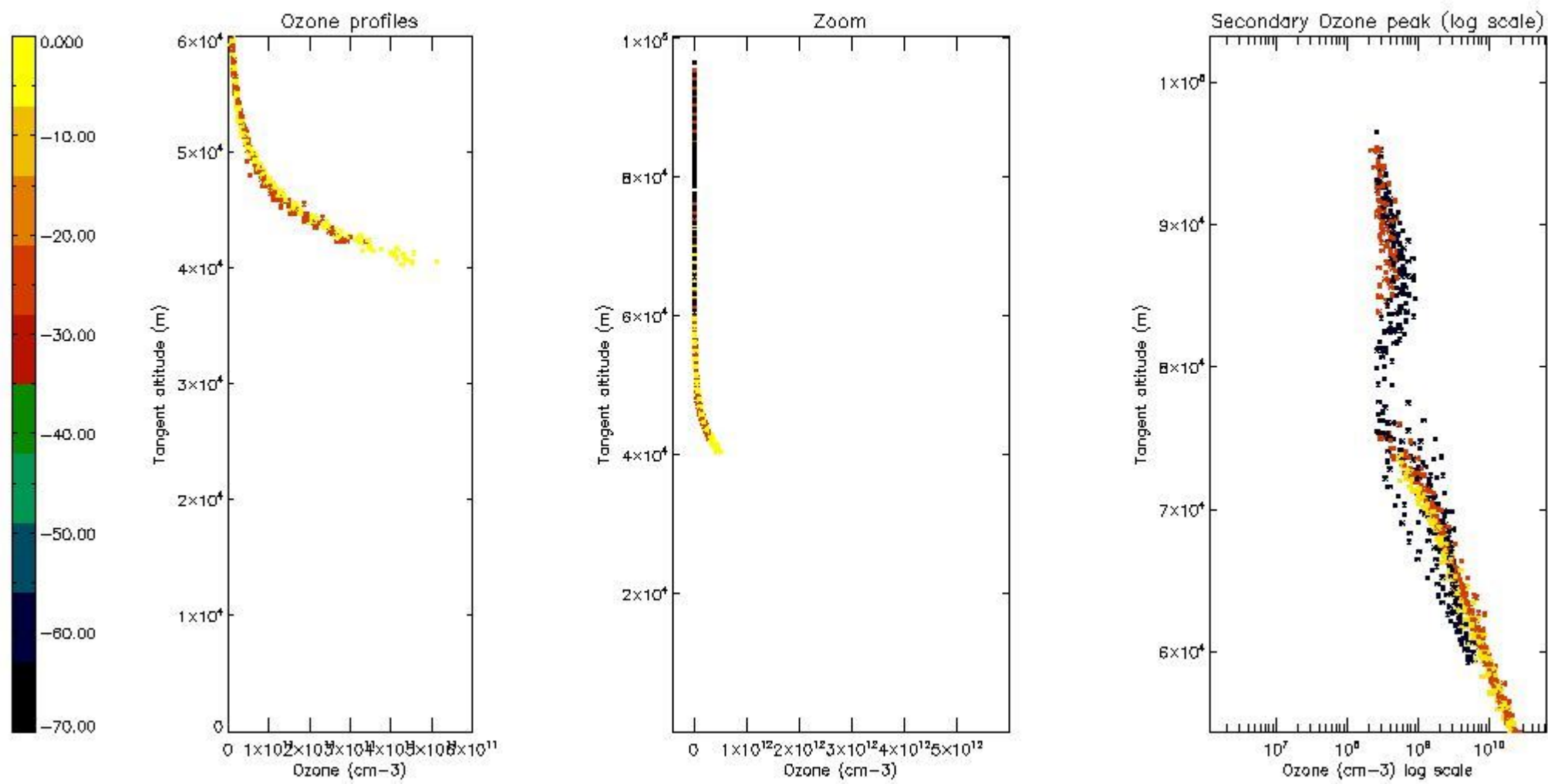
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



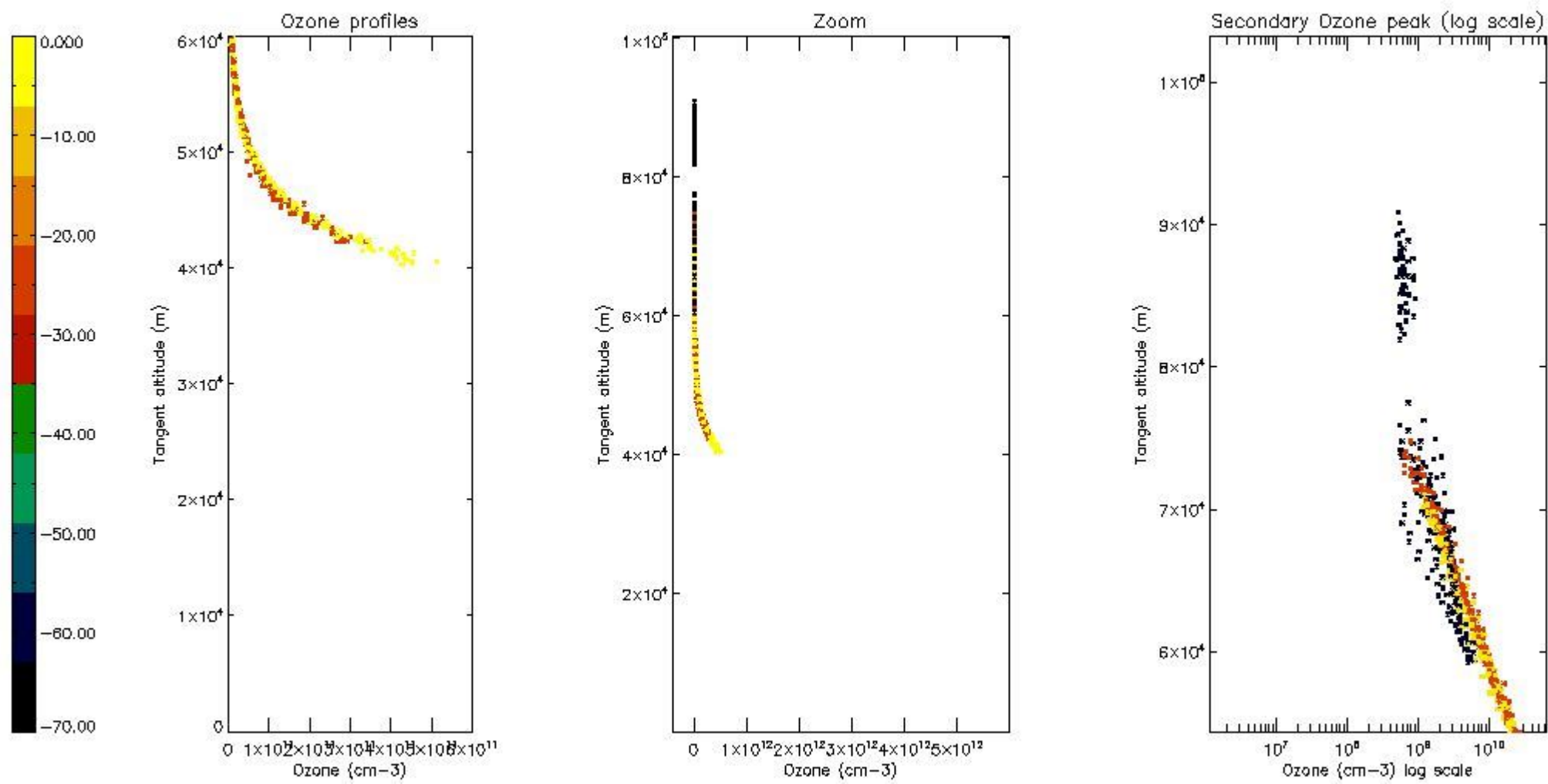
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



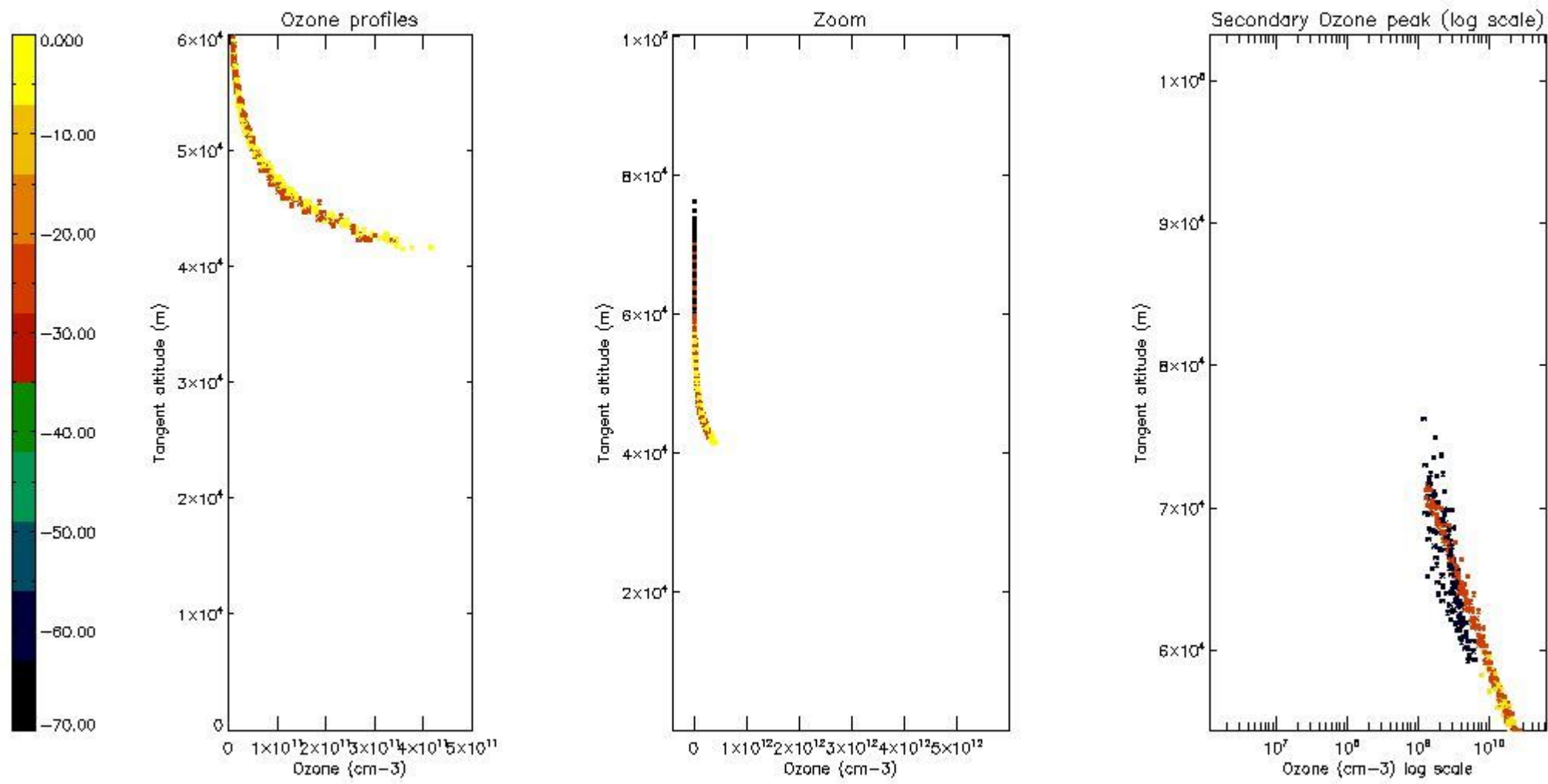
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



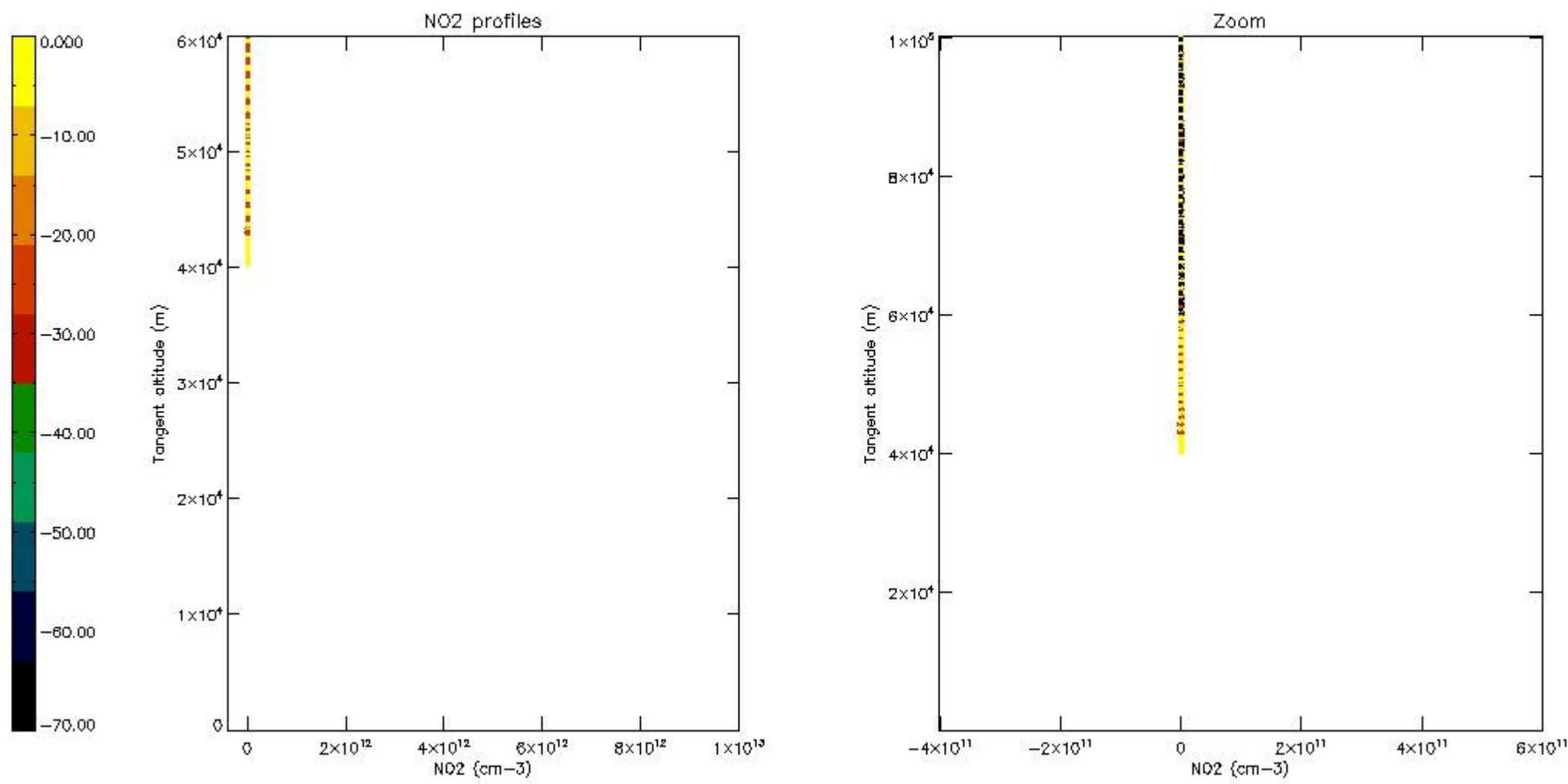
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



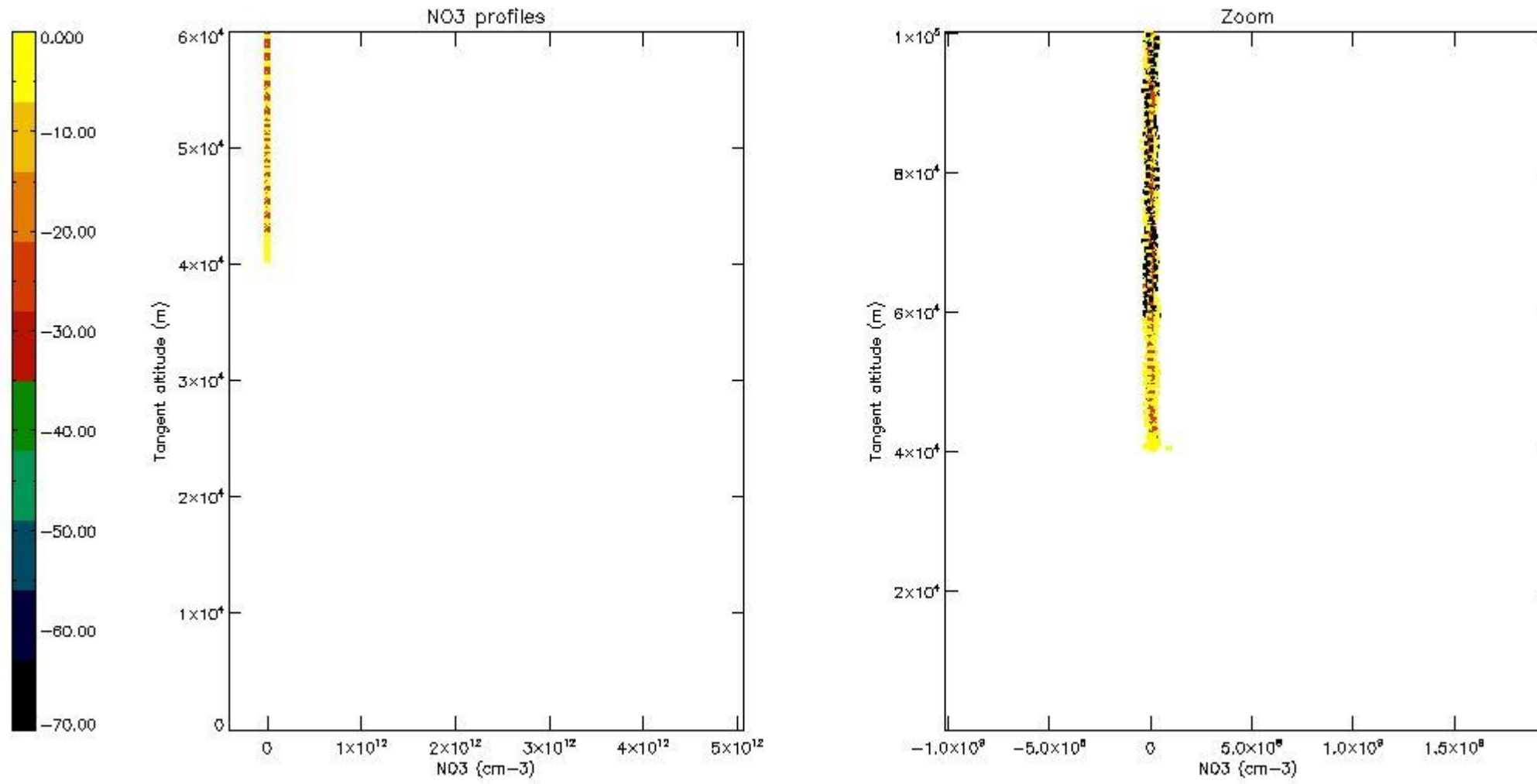
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	29-MAY-2009 00:06:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-MAY-2009 00:06:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-MAY-2009 00:06:29

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 09:50:11
Data source version	GOMOS/6.01
Start time of products	29-05-2009 (29MAY2009 00:00:00)
Stop time of products	30-05-2009 (30MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	157
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__2PRFIN20090529_000629_000000332079_00245_37874_8625.N1	29-MAY-2009 00:06:29	Twilight	32.500	89	5Alp Cep	2.4510	8000.0	65	37874	No
2	GOM_NL__2PRFIN20090529_002123_000000282079_00245_37874_8626.N1	29-MAY-2009 00:21:23	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37874	No
3	GOM_NL__2PRFIN20090529_002608_000000292079_00245_37874_8627.N1	29-MAY-2009 00:26:08	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37874	No
4	GOM_NL__2PRFIN20090529_004318_000000392079_00245_37874_8628.N1	29-MAY-2009 00:43:18	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37874	No
5	GOM_NL__2PRFIN20090529_004901_000000422079_00246_37875_8633.N1	29-MAY-2009 00:49:01	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37875	No
6	GOM_NL__2PRFIN20090529_010339_000000332079_00246_37875_8634.N1	29-MAY-2009 01:03:39	Straylight	33.000	178	lot1Sco	3.0220	6550.0	66	37875	No
7	GOM_NL__2PRFIN20090529_010457_000000332079_00246_37875_8635.N1	29-MAY-2009 01:04:57	Twilight	32.500	25	35Lam Sco	1.6200	28000.	65	37875	No
8	GOM_NL__2PRFIN20090529_011238_000000352079_00246_37875_8636.N1	29-MAY-2009 01:12:38	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37875	No
9	GOM_NL__2PRFIN20090529_011433_000000322079_00246_37875_8637.N1	29-MAY-2009 01:14:33	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37875	No
10	GOM_NL__2PRFIN20090529_012511_000000352079_00246_37875_8638.N1	29-MAY-2009 01:25:11	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	37875	No
11	GOM_NL__2PRFIN20090529_012842_000000362079_00246_37875_8639.N1	29-MAY-2009 01:28:42	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	37875	No
12	GOM_NL__2PRFIN20090529_013617_000000352079_00246_37875_8640.N1	29-MAY-2009 01:36:17	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37875	No
13	GOM_NL__2PRFIN20090529_014704_000000322079_00246_37875_8641.N1	29-MAY-2009 01:47:04	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37875	No
14	GOM_NL__2PRFIN20090529_020159_000000282079_00246_37875_8642.N1	29-MAY-2009 02:01:59	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37875	No
15	GOM_NL__2PRFIN20090529_020644_000000292079_00246_37875_8643.N1	29-MAY-2009 02:06:44	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37875	No
16	GOM_NL__2PRFIN20090529_022355_000000392079_00246_37875_8644.N1	29-MAY-2009 02:23:55	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37875	No
17	GOM_NL__2PRFIN20090529_022938_000000422079_00247_37876_8641.N1	29-MAY-2009 02:29:38	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37876	No
18	GOM_NL__2PRFIN20090529_024415_000000332079_00247_37876_8642.N1	29-MAY-2009 02:44:15	Straylight	32.500	178	lot1Sco	3.0220	6550.0	65	37876	No
19	GOM_NL__2PRFIN20090529_024534_000000322079_00247_37876_8643.N1	29-MAY-2009 02:45:34	Twilight	32.000	25	35Lam Sco	1.6200	28000.	64	37876	No
20	GOM_NL__2PRFIN20090529_025314_000000352079_00247_37876_8644.N1	29-MAY-2009 02:53:14	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	37876	No
21	GOM_NL__2PRFIN20090529_025508_000000322079_00247_37876_8645.N1	29-MAY-2009 02:55:08	Bright	32.000	98	13Zet Oph	2.5710	30000.	64	37876	No
22	GOM_NL__2PRFIN20090529_030546_000000352079_00247_37876_8646.N1	29-MAY-2009 03:05:46	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	37876	No
23	GOM_NL__2PRFIN20090529_030918_000000362079_00247_37876_8647.N1	29-MAY-2009 03:09:18	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37876	No
24	GOM_NL__2PRFIN20090529_031652_000000352079_00247_37876_8648.N1	29-MAY-2009 03:16:52	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37876	No
25	GOM_NL__2PRFIN20090529_032740_000000322079_00247_37876_8649.N1	29-MAY-2009 03:27:40	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37876	No
26	GOM_NL__2PRFIN20090529_034235_000000282079_00247_37876_8650.N1	29-MAY-2009 03:42:35	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37876	No
27	GOM_NL__2PRFIN20090529_034720_000000292079_00247_37876_8651.N1	29-MAY-2009 03:47:20	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37876	No
28	GOM_NL__2PRFIN20090529_040433_000000392079_00247_37876_8652.N1	29-MAY-2009 04:04:33	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37876	No
29	GOM_NL__2PRFIN20090529_041016_000000422079_00248_37877_8649.N1	29-MAY-2009 04:10:16	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37877	No
30	GOM_NL__2PRFIN20090529_042452_000000322079_00248_37877_8650.N1	29-MAY-2009 04:24:52	Straylight	32.000	178	lot1Sco	3.0220	6550.0	64	37877	No
31	GOM_NL__2PRFIN20090529_042610_000000322079_00248_37877_8651.N1	29-MAY-2009 04:26:10	Twilight	32.000	25	35Lam Sco	1.6200	28000.	64	37877	No
32	GOM_NL__2PRFIN20090529_043350_000000352079_00248_37877_8652.N1	29-MAY-2009 04:33:50	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37877	No
33	GOM_NL__2PRFIN20090529_043545_000000322079_00248_37877_8653.N1	29-MAY-2009 04:35:45	Bright	32.000	98	13Zet Oph	2.5710	30000.	64	37877	No
34	GOM_NL__2PRFIN20090529_044622_000000342079_00248_37877_8654.N1	29-MAY-2009 04:46:22	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37877	No
35	GOM_NL__2PRFIN20090529_044953_000000362079_00248_37877_8655.N1	29-MAY-2009 04:49:53	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37877	No
36	GOM_NL__2PRFIN20090529_045727_000000352079_00248_37877_8656.N1	29-MAY-2009 04:57:27	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37877	No
37	GOM_NL__2PRFIN20090529_050815_000000322079_00248_37877_8657.N1	29-MAY-2009 05:08:15	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37877	No
38	GOM_NL__2PRFIN20090529_052311_000000282079_00248_37877_8658.N1	29-MAY-2009 05:23:11	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37877	No
39	GOM_NL__2PRFIN20090529_052757_000000292079_00248_37877_8659.N1	29-MAY-2009 05:27:57	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37877	No
40	GOM_NL__2PRFIN20090529_054510_000000392079_00248_37877_8660.N1	29-MAY-2009 05:45:10	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37877	No
41	GOM_NL__2PRFIN20090529_055054_000000412079_00249_37878_8678.N1	29-MAY-2009 05:50:54	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37878	No
42	GOM_NL__2PRFIN20090529_060528_000000322079_00249_37878_8679.N1	29-MAY-2009 06:05:28	Straylight	32.000	178	lot1Sco	3.0220	6550.0	64	37878	No

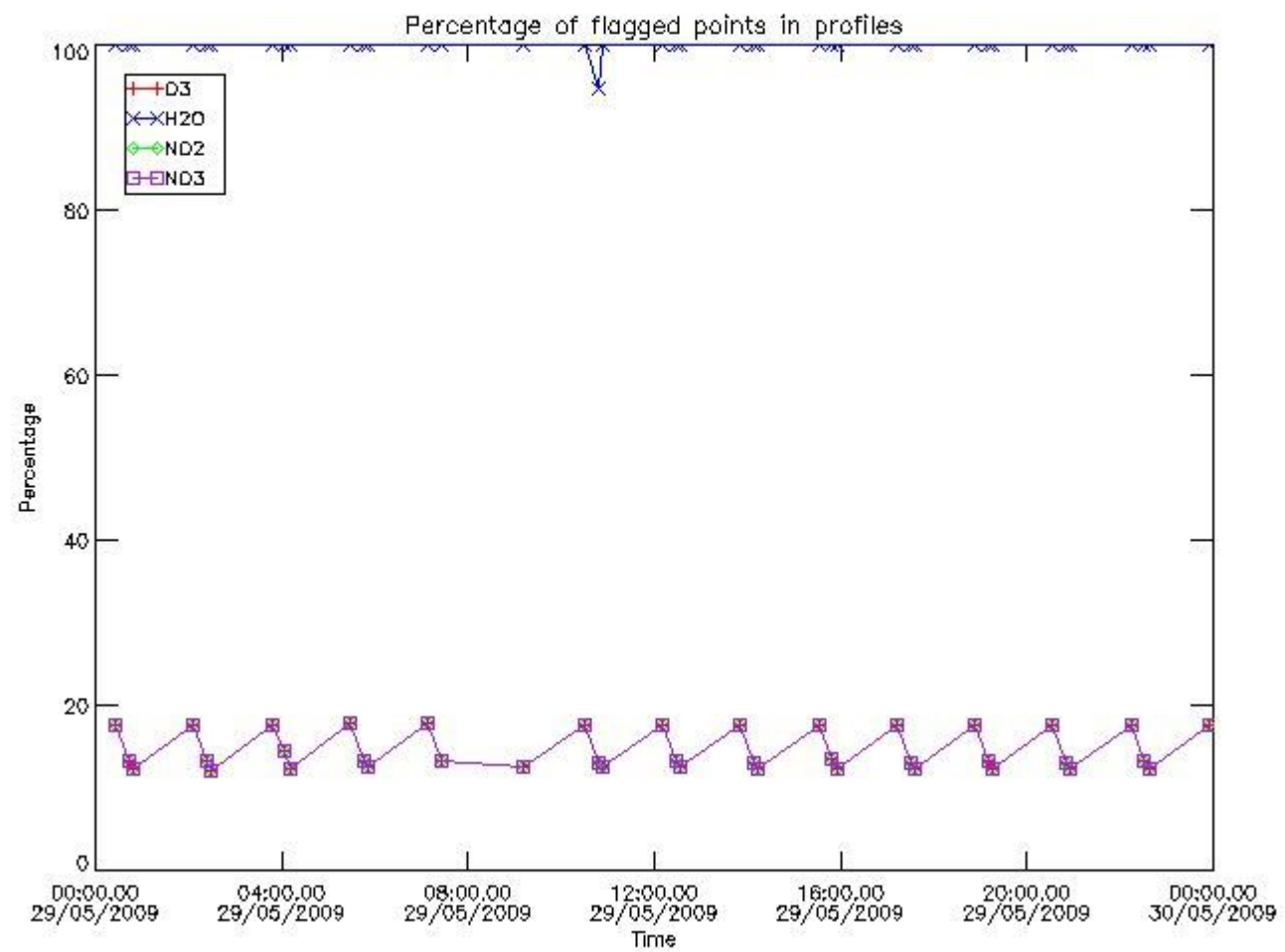
43	GOM_NL__2PRFIN20090529_060647_000000322079_00249_37878_8680.N1	29-MAY-2009 06:06:47	Twilight	32.000	25	35Lam Sco	1.6200	28000.	64	37878	No
44	GOM_NL__2PRFIN20090529_061426_000000352079_00249_37878_8681.N1	29-MAY-2009 06:14:26	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	37878	No
45	GOM_NL__2PRFIN20090529_061621_000000322079_00249_37878_8682.N1	29-MAY-2009 06:16:21	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37878	No
46	GOM_NL__2PRFIN20090529_062658_000000342079_00249_37878_8683.N1	29-MAY-2009 06:26:58	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37878	No
47	GOM_NL__2PRFIN20090529_063029_000000362079_00249_37878_8684.N1	29-MAY-2009 06:30:29	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37878	No
48	GOM_NL__2PRFIN20090529_063803_000000352079_00249_37878_8685.N1	29-MAY-2009 06:38:03	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37878	No
49	GOM_NL__2PRFIN20090529_064851_000000312079_00249_37878_8686.N1	29-MAY-2009 06:48:51	Twilight	31.000	89	5Alp Cep	2.4510	8000.0	62	37878	No
50	GOM_NL__2PRFIN20090529_070348_000000282079_00249_37878_8687.N1	29-MAY-2009 07:03:48	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37878	No
51	GOM_NL__2PRFIN20090529_070833_000000292079_00249_37878_8688.N1	29-MAY-2009 07:08:33	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37878	No
52	GOM_NL__2PRFIN20090529_072547_000000382079_00249_37878_8689.N1	29-MAY-2009 07:25:47	Dark	38.000	18	24Alp PsA	1.1660	9700.0	76	37878	No
53	GOM_NL__2PRFIN20090529_091208_000000412079_00251_37880_8724.N1	29-MAY-2009 09:12:08	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37880	No
54	GOM_NL__2PRFIN20090529_092759_000000322079_00251_37880_8725.N1	29-MAY-2009 09:27:59	Twilight	32.000	25	35Lam Sco	1.6200	28000.	64	37880	No
55	GOM_NL__2PRFIN20090529_093539_000000342079_00251_37880_8726.N1	29-MAY-2009 09:35:39	Bright	33.500	86	35Eta Oph	2.4300	10200.	67	37880	No
56	GOM_NL__2PRFIN20090529_093733_000000322079_00251_37880_8727.N1	29-MAY-2009 09:37:33	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37880	No
57	GOM_NL__2PRFIN20090529_094808_000000352079_00251_37880_8728.N1	29-MAY-2009 09:48:08	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	37880	No
58	GOM_NL__2PRFIN20090529_095139_000000362079_00251_37880_8729.N1	29-MAY-2009 09:51:39	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37880	No
59	GOM_NL__2PRFIN20090529_095913_000000362079_00251_37880_8730.N1	29-MAY-2009 09:59:13	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	37880	No
60	GOM_NL__2PRFIN20090529_101001_000000332079_00251_37880_8731.N1	29-MAY-2009 10:10:01	Twilight	32.500	89	5Alp Cep	2.4510	8000.0	65	37880	No
61	GOM_NL__2PRFIN20090529_102500_000000282079_00251_37880_8732.N1	29-MAY-2009 10:25:00	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37880	No
62	GOM_NL__2PRFIN20090529_102946_000000292079_00251_37880_8733.N1	29-MAY-2009 10:29:46	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37880	No
63	GOM_NL__2PRFIN20090529_104701_000000392079_00251_37880_8734.N1	29-MAY-2009 10:47:01	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37880	No
64	GOM_NL__2PRFIN20090529_105245_000000412079_00252_37881_8738.N1	29-MAY-2009 10:52:45	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37881	No
65	GOM_NL__2PRFIN20090529_110836_000000322079_00252_37881_8739.N1	29-MAY-2009 11:08:36	Twilight	32.000	25	35Lam Sco	1.6200	28000.	64	37881	No
66	GOM_NL__2PRFIN20090529_111615_000000342079_00252_37881_8740.N1	29-MAY-2009 11:16:15	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37881	No
67	GOM_NL__2PRFIN20090529_111809_000000322079_00252_37881_8741.N1	29-MAY-2009 11:18:09	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37881	No
68	GOM_NL__2PRFIN20090529_112844_000000342079_00252_37881_8742.N1	29-MAY-2009 11:28:44	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37881	No
69	GOM_NL__2PRFIN20090529_113215_000000352079_00252_37881_8743.N1	29-MAY-2009 11:32:15	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37881	No
70	GOM_NL__2PRFIN20090529_113948_000000352079_00252_37881_8744.N1	29-MAY-2009 11:39:48	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37881	No
71	GOM_NL__2PRFIN20090529_115037_000000322079_00252_37881_8745.N1	29-MAY-2009 11:50:37	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37881	No
72	GOM_NL__2PRFIN20090529_120536_000000282079_00252_37881_8746.N1	29-MAY-2009 12:05:36	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37881	No
73	GOM_NL__2PRFIN20090529_121022_000000292079_00252_37881_8747.N1	29-MAY-2009 12:10:22	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37881	No
74	GOM_NL__2PRFIN20090529_122738_000000392079_00252_37881_8748.N1	29-MAY-2009 12:27:38	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37881	No
75	GOM_NL__2PRFIN20090529_123323_000000412079_00253_37882_8752.N1	29-MAY-2009 12:33:23	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37882	No
76	GOM_NL__2PRFIN20090529_124827_000000372079_00253_37882_8753.N1	29-MAY-2009 12:48:27	Straylight	37.000	38	20Eps Sgr	1.8360	11000.	74	37882	No
77	GOM_NL__2PRFIN20090529_125011_000000402079_00253_37882_8754.N1	29-MAY-2009 12:50:11	Twilight	39.500	116	19Del Sgr	2.7000	4100.0	79	37882	No
78	GOM_NL__2PRFIN20090529_125650_000000352079_00253_37882_8755.N1	29-MAY-2009 12:56:50	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37882	No
79	GOM_NL__2PRFIN20090529_125844_000000322079_00253_37882_8756.N1	29-MAY-2009 12:58:44	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37882	No
80	GOM_NL__2PRFIN20090529_130920_000000342079_00253_37882_8757.N1	29-MAY-2009 13:09:20	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37882	No
81	GOM_NL__2PRFIN20090529_131250_000000352079_00253_37882_8758.N1	29-MAY-2009 13:12:50	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37882	No
82	GOM_NL__2PRFIN20090529_132023_000000352079_00253_37882_8759.N1	29-MAY-2009 13:20:23	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37882	No
83	GOM_NL__2PRFIN20090529_133112_000000322079_00253_37882_8760.N1	29-MAY-2009 13:31:12	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37882	No
84	GOM_NL__2PRFIN20090529_134612_000000282079_00253_37882_8761.N1	29-MAY-2009 13:46:12	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37882	No
85	GOM_NL__2PRFIN20090529_135059_000000292079_00253_37882_8762.N1	29-MAY-2009 13:50:59	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37882	No
86	GOM_NL__2PRFIN20090529_140815_000000392079_00253_37882_8763.N1	29-MAY-2009 14:08:15	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37882	No
87	GOM_NL__2PRFIN20090529_141359_000000422079_00254_37883_8766.N1	29-MAY-2009 14:13:59	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37883	No
88	GOM_NL__2PRFIN20090529_142903_000000382079_00254_37883_8767.N1	29-MAY-2009 14:29:03	Straylight	37.500	38	20Eps Sgr	1.8360	11000.	75	37883	No
89	GOM_NL__2PRFIN20090529_143047_000000392079_00254_37883_8768.N1	29-MAY-2009 14:30:47	Twilight	39.000	116	19Del Sgr	2.7000	4100.0	78	37883	No
90	GOM_NL__2PRFIN20090529_143727_000000352079_00254_37883_8769.N1	29-MAY-2009 14:37:27	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37883	No
91	GOM_NL__2PRFIN20090529_143920_000000322079_00254_37883_8770.N1	29-MAY-2009 14:39:20	Bright	32.000	98	13Zet Oph	2.5710	30000.	64	37883	No
92	GOM_NL__2PRFIN20090529_144955_000000352079_00254_37883_8771.N1	29-MAY-2009 14:49:55	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	37883	No
93	GOM_NL__2PRFIN20090529_145325_000000352079_00254_37883_8772.N1	29-MAY-2009 14:53:25	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37883	No
94	GOM_NL__2PRFIN20090529_150059_000000352079_00254_37883_8773.N1	29-MAY-2009 15:00:59	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	37883	No
95	GOM_NL__2PRFIN20090529_151147_000000332079_00254_37883_8774.N1	29-MAY-2009 15:11:47	Twilight	32.500	89	5Alp Cep	2.4510	8000.0	65	37883	No
96	GOM_NL__2PRFIN20090529_152648_000000282079_00254_37883_8775.N1	29-MAY-2009 15:26:48	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37883	No
97	GOM_NL__2PRFIN20090529_153135_000000292079_00254_37883_8776.N1	29-MAY-2009 15:31:35	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37883	No
98	GOM_NL__2PRFIN20090529_154853_000000382079_00254_37883_8777.N1	29-MAY-2009 15:48:53	Dark	38.000	18	24Alp PsA	1.1660	9700.0	76	37883	No
99	GOM_NL__2PRFIN20090529_155437_000000422079_00255_37884_8780.N1	29-MAY-2009 15:54:37	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37884	No
100	GOM_NL__2PRFIN20090529_160940_000000382079_00255_37884_8781.N1	29-MAY-2009 16:09:40	Straylight	37.500	38	20Eps Sgr	1.8360	11000.	75	37884	No
101	GOM_NL__2PRFIN20090529_161124_000000392079_00255_37884_8782.N1	29-MAY-2009 16:11:24	Twilight	39.000	116	19Del Sgr	2.7000	4100.0	78	37884	No

102	GOM_NL__2PRFIN20090529_161803_000000352079_00255_37884_8783.N1	29-MAY-2009 16:18:03	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37884	No
103	GOM_NL__2PRFIN20090529_161956_000000322079_00255_37884_8784.N1	29-MAY-2009 16:19:56	Bright	32.000	98	13Zet Oph	2.5710	30000.	64	37884	No
104	GOM_NL__2PRFIN20090529_163030_000000352079_00255_37884_8785.N1	29-MAY-2009 16:30:30	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	37884	No
105	GOM_NL__2PRFIN20090529_163401_000000362079_00255_37884_8786.N1	29-MAY-2009 16:34:01	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37884	No
106	GOM_NL__2PRFIN20090529_164134_000000362079_00255_37884_8787.N1	29-MAY-2009 16:41:34	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	37884	No
107	GOM_NL__2PRFIN20090529_165223_000000332079_00255_37884_8788.N1	29-MAY-2009 16:52:23	Twilight	32.500	89	5Alp Cep	2.4510	8000.0	65	37884	No
108	GOM_NL__2PRFIN20090529_170724_000000282079_00255_37884_8789.N1	29-MAY-2009 17:07:24	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37884	No
109	GOM_NL__2PRFIN20090529_171212_000000292079_00255_37884_8790.N1	29-MAY-2009 17:12:12	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37884	No
110	GOM_NL__2PRFIN20090529_172929_000000392079_00255_37884_8791.N1	29-MAY-2009 17:29:29	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37884	No
111	GOM_NL__2PRFIN20090529_173514_000000422079_00256_37885_8811.N1	29-MAY-2009 17:35:14	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37885	No
112	GOM_NL__2PRFIN20090529_175017_000000382079_00256_37885_8812.N1	29-MAY-2009 17:50:17	Straylight	37.500	38	20Eps Sgr	1.8360	11000.	75	37885	No
113	GOM_NL__2PRFIN20090529_175200_000000402079_00256_37885_8813.N1	29-MAY-2009 17:52:00	Twilight	39.500	116	19Del Sgr	2.7000	4100.0	79	37885	No
114	GOM_NL__2PRFIN20090529_175839_000000352079_00256_37885_8814.N1	29-MAY-2009 17:58:39	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	37885	No
115	GOM_NL__2PRFIN20090529_180032_000000322079_00256_37885_8815.N1	29-MAY-2009 18:00:32	Bright	32.000	98	13Zet Oph	2.5710	30000.	64	37885	No
116	GOM_NL__2PRFIN20090529_181106_000000352079_00256_37885_8816.N1	29-MAY-2009 18:11:06	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	37885	No
117	GOM_NL__2PRFIN20090529_181436_000000362079_00256_37885_8817.N1	29-MAY-2009 18:14:36	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37885	No
118	GOM_NL__2PRFIN20090529_182209_000000362079_00256_37885_8818.N1	29-MAY-2009 18:22:09	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	37885	No
119	GOM_NL__2PRFIN20090529_183258_000000332079_00256_37885_8819.N1	29-MAY-2009 18:32:58	Twilight	32.500	89	5Alp Cep	2.4510	8000.0	65	37885	No
120	GOM_NL__2PRFIN20090529_184801_000000282079_00256_37885_8820.N1	29-MAY-2009 18:48:01	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37885	No
121	GOM_NL__2PRFIN20090529_185248_000000292079_00256_37885_8821.N1	29-MAY-2009 18:52:48	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37885	No
122	GOM_NL__2PRFIN20090529_191007_000000392079_00256_37885_8822.N1	29-MAY-2009 19:10:07	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37885	No
123	GOM_NL__2PRFIN20090529_191551_000000412079_00257_37886_8845.N1	29-MAY-2009 19:15:51	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37886	No
124	GOM_NL__2PRFIN20090529_193053_000000382079_00257_37886_8846.N1	29-MAY-2009 19:30:53	Straylight	37.500	38	20Eps Sgr	1.8360	11000.	75	37886	No
125	GOM_NL__2PRFIN20090529_193237_000000402079_00257_37886_8847.N1	29-MAY-2009 19:32:37	Twilight	39.500	116	19Del Sgr	2.7000	4100.0	79	37886	No
126	GOM_NL__2PRFIN20090529_193915_000000352079_00257_37886_8848.N1	29-MAY-2009 19:39:15	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37886	No
127	GOM_NL__2PRFIN20090529_194108_000000322079_00257_37886_8849.N1	29-MAY-2009 19:41:08	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37886	No
128	GOM_NL__2PRFIN20090529_195141_000000342079_00257_37886_8850.N1	29-MAY-2009 19:51:41	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37886	No
129	GOM_NL__2PRFIN20090529_195512_000000352079_00257_37886_8851.N1	29-MAY-2009 19:55:12	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	37886	No
130	GOM_NL__2PRFIN20090529_200244_000000362079_00257_37886_8852.N1	29-MAY-2009 20:02:44	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	37886	No
131	GOM_NL__2PRFIN20090529_201333_000000332079_00257_37886_8853.N1	29-MAY-2009 20:13:33	Twilight	32.500	89	5Alp Cep	2.4510	8000.0	65	37886	No
132	GOM_NL__2PRFIN20090529_202836_000000282079_00257_37886_8854.N1	29-MAY-2009 20:28:36	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37886	No
133	GOM_NL__2PRFIN20090529_203325_000000292079_00257_37886_8855.N1	29-MAY-2009 20:33:25	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37886	No
134	GOM_NL__2PRFIN20090529_205044_000000392079_00257_37886_8856.N1	29-MAY-2009 20:50:44	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37886	No
135	GOM_NL__2PRFIN20090529_205628_000000412079_00258_37887_8874.N1	29-MAY-2009 20:56:28	Dark	41.000	172	Gam Gru	3.0030	13100.	82	37887	No
136	GOM_NL__2PRFIN20090529_211130_000000372079_00258_37887_8875.N1	29-MAY-2009 21:11:30	Straylight	37.000	38	20Eps Sgr	1.8360	11000.	74	37887	No
137	GOM_NL__2PRFIN20090529_211313_000000392079_00258_37887_8876.N1	29-MAY-2009 21:13:13	Twilight	39.000	116	19Del Sgr	2.7000	4100.0	78	37887	No
138	GOM_NL__2PRFIN20090529_211950_000000352079_00258_37887_8877.N1	29-MAY-2009 21:19:50	Bright	34.500	86	35Eta Oph	2.4300	10200.	69	37887	No
139	GOM_NL__2PRFIN20090529_212144_000000322079_00258_37887_8878.N1	29-MAY-2009 21:21:44	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37887	No
140	GOM_NL__2PRFIN20090529_213217_000000342079_00258_37887_8879.N1	29-MAY-2009 21:32:17	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37887	No
141	GOM_NL__2PRFIN20090529_213547_000000362079_00258_37887_8880.N1	29-MAY-2009 21:35:47	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37887	No
142	GOM_NL__2PRFIN20090529_214319_000000362079_00258_37887_8881.N1	29-MAY-2009 21:43:19	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	37887	No
143	GOM_NL__2PRFIN20090529_215409_000000322079_00258_37887_8882.N1	29-MAY-2009 21:54:09	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37887	No
144	GOM_NL__2PRFIN20090529_220913_000000282079_00258_37887_8883.N1	29-MAY-2009 22:09:13	Twilight	28.000	58	21Alp And	2.0730	11000.	56	37887	No
145	GOM_NL__2PRFIN20090529_221401_000000292079_00258_37887_8884.N1	29-MAY-2009 22:14:01	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37887	No
146	GOM_NL__2PRFIN20090529_223121_000000392079_00258_37887_8885.N1	29-MAY-2009 22:31:21	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37887	No
147	GOM_NL__2PRFIN20090529_223705_000000422079_00259_37888_8904.N1	29-MAY-2009 22:37:05	Dark	41.500	172	Gam Gru	3.0030	13100.	83	37888	No
148	GOM_NL__2PRFIN20090529_225206_000000372079_00259_37888_8905.N1	29-MAY-2009 22:52:06	Straylight	37.000	38	20Eps Sgr	1.8360	11000.	74	37888	No
149	GOM_NL__2PRFIN20090529_225350_000000392079_00259_37888_8906.N1	29-MAY-2009 22:53:50	Twilight	39.000	116	19Del Sgr	2.7000	4100.0	78	37888	No
150	GOM_NL__2PRFIN20090529_230027_000000342079_00259_37888_8907.N1	29-MAY-2009 23:00:27	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	37888	No
151	GOM_NL__2PRFIN20090529_230220_000000322079_00259_37888_8908.N1	29-MAY-2009 23:02:20	Bright	31.500	98	13Zet Oph	2.5710	30000.	63	37888	No
152	GOM_NL__2PRFIN20090529_231252_000000342079_00259_37888_8909.N1	29-MAY-2009 23:12:52	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	37888	No
153	GOM_NL__2PRFIN20090529_231622_000000362079_00259_37888_8910.N1	29-MAY-2009 23:16:22	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	37888	No
154	GOM_NL__2PRFIN20090529_232354_000000362079_00259_37888_8911.N1	29-MAY-2009 23:23:54	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	37888	No
155	GOM_NL__2PRFIN20090529_233445_000000322079_00259_37888_8912.N1	29-MAY-2009 23:34:45	Twilight	32.000	89	5Alp Cep	2.4510	8000.0	64	37888	No
156	GOM_NL__2PRFIN20090529_234949_000000282079_00259_37888_8913.N1	29-MAY-2009 23:49:49	Twilight	27.500	58	21Alp And	2.0730	11000.	55	37888	No
157	GOM_NL__2PRFIN20090529_235437_000000292079_00259_37888_8914.N1	29-MAY-2009 23:54:37	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37888	No

3. Quality information per product

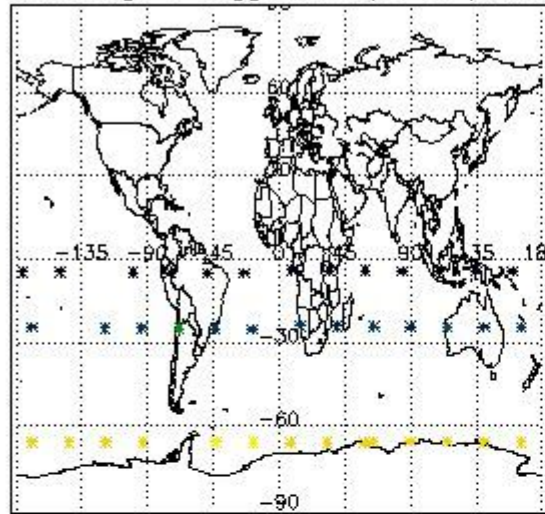
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

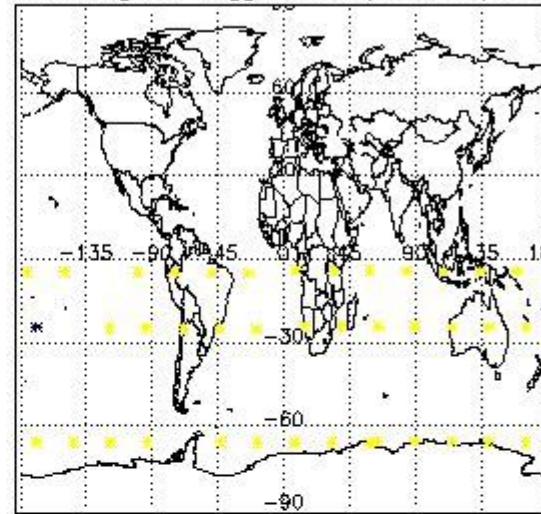


3.2 Plot quality information per product (world map)

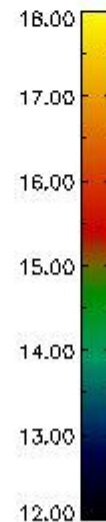
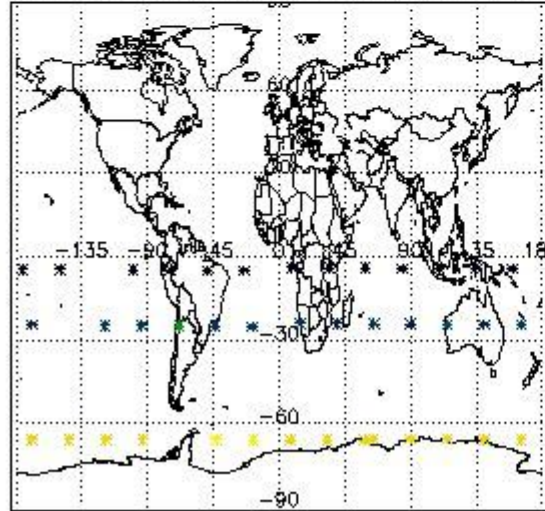
Percentage of flagged data per O3 profile



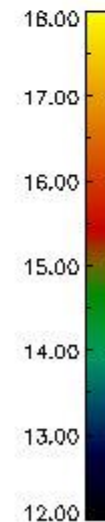
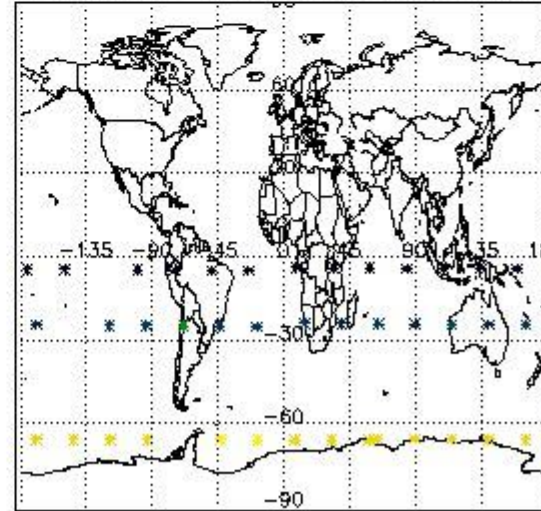
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

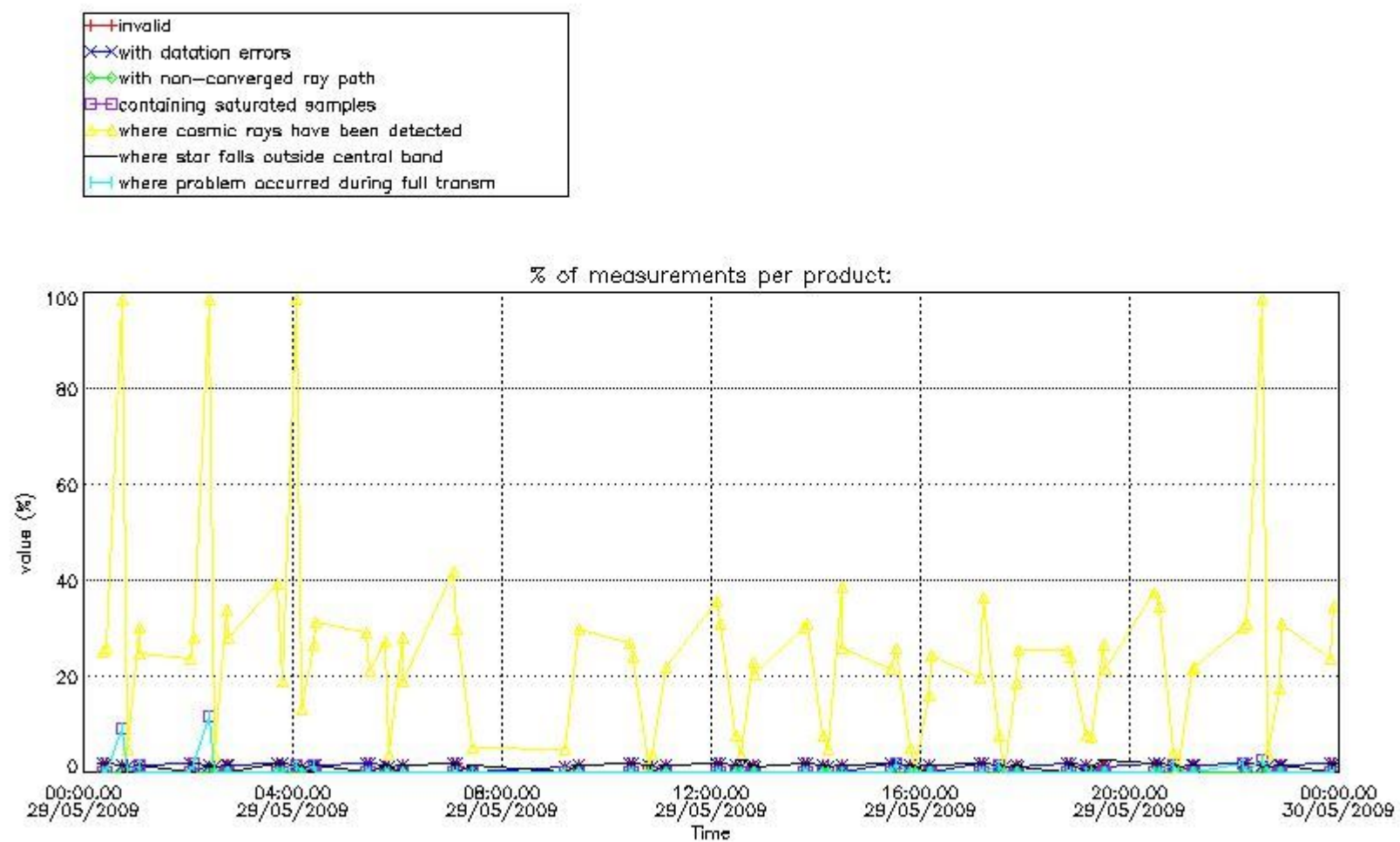


4. Level 1 quality information per product

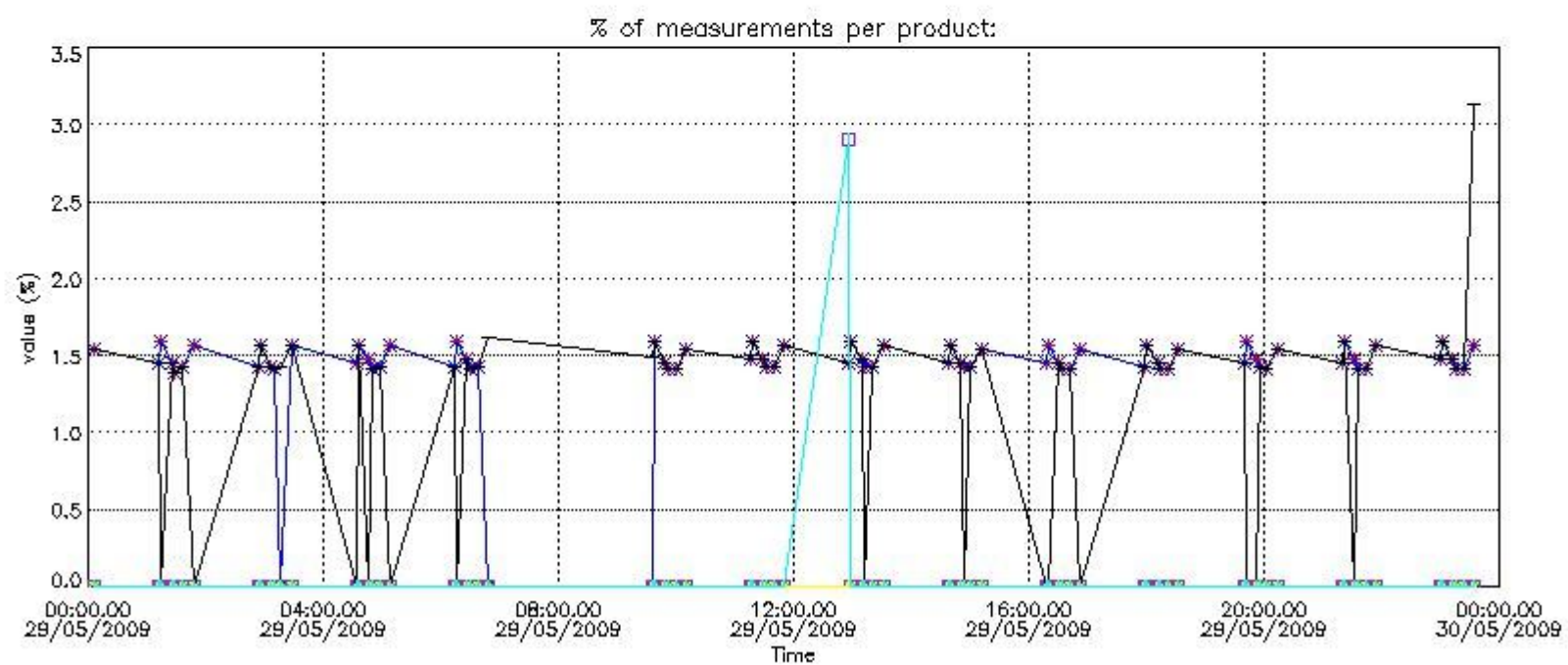
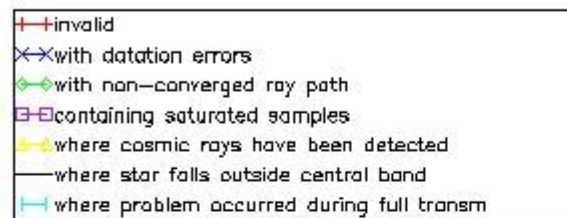
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

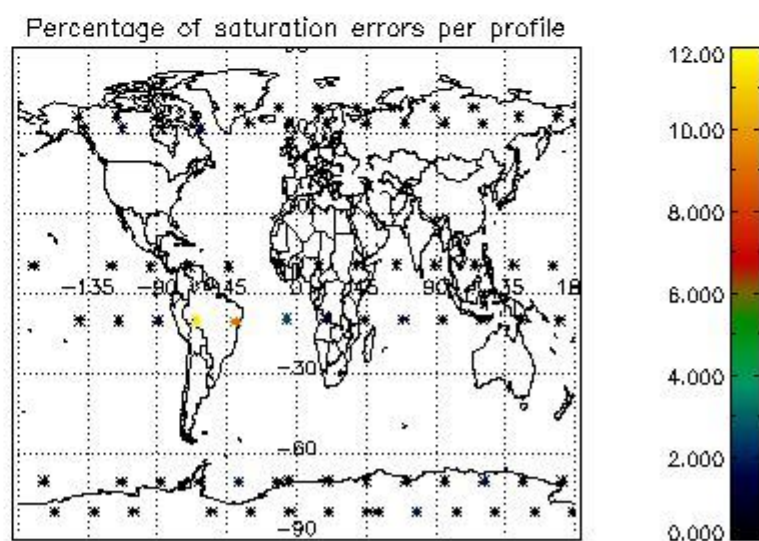
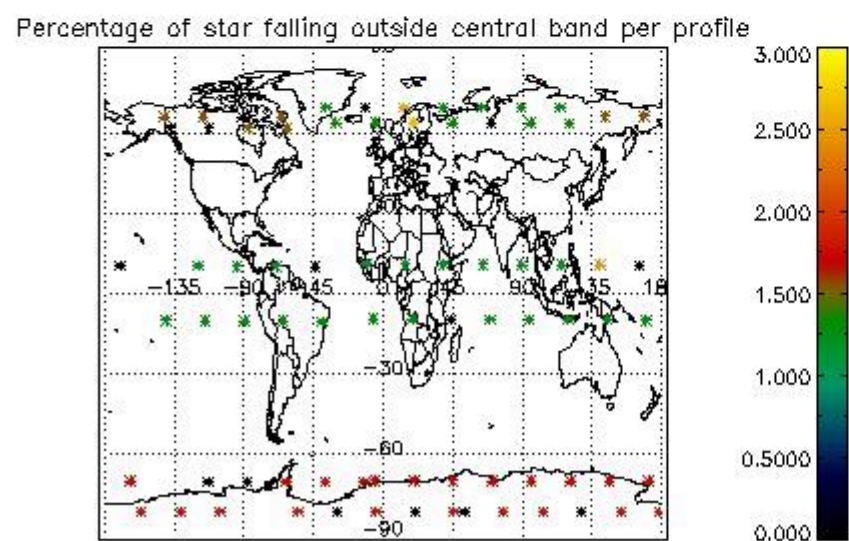
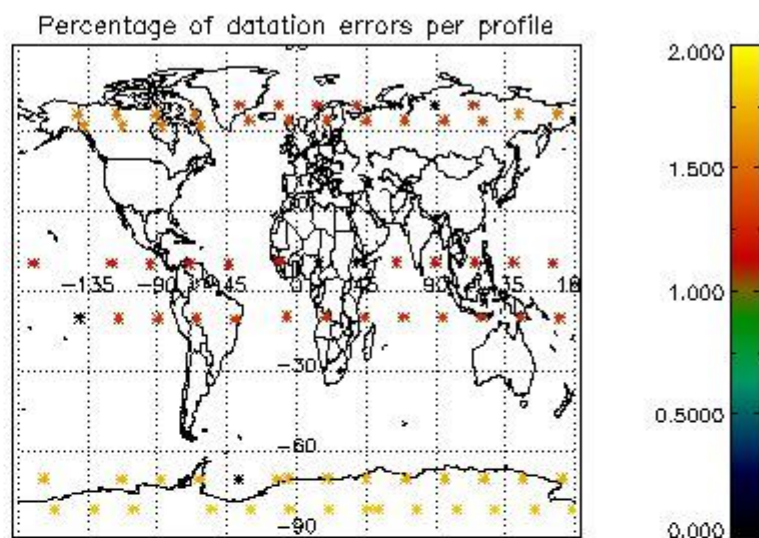
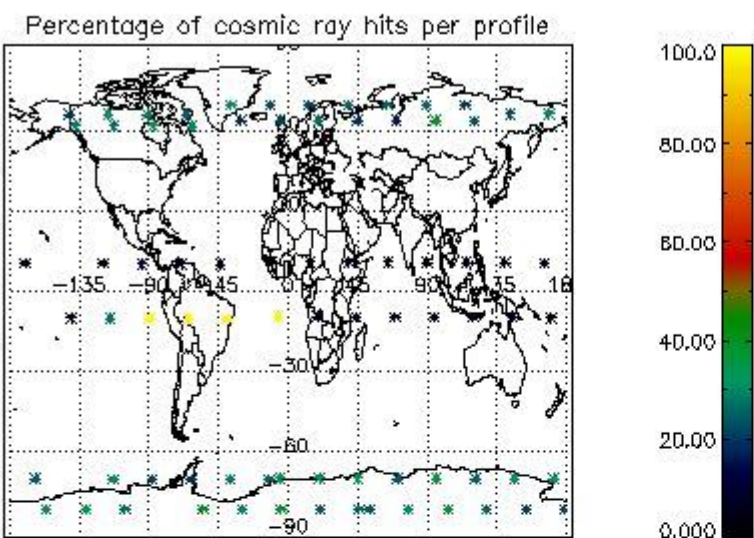


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

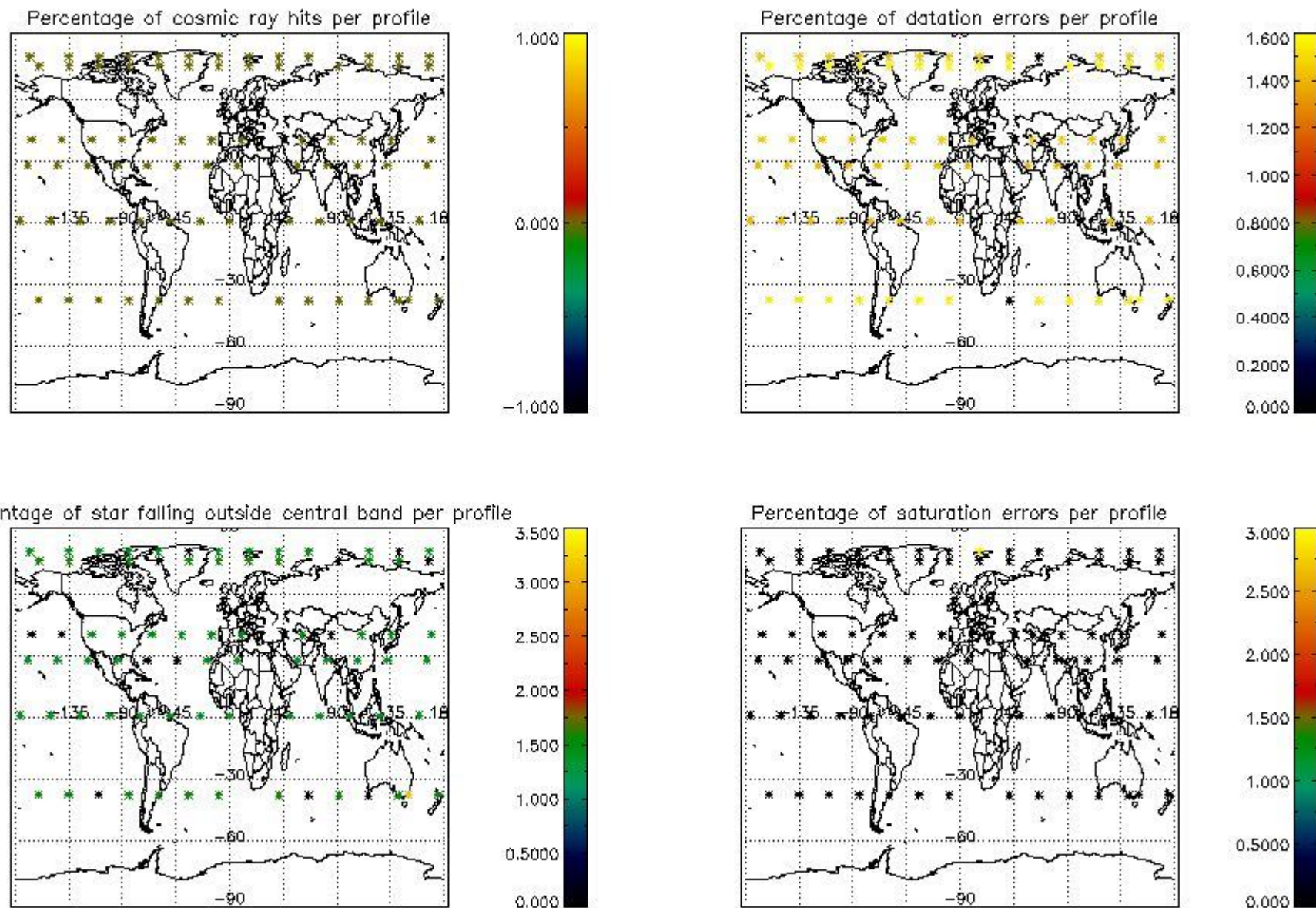


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

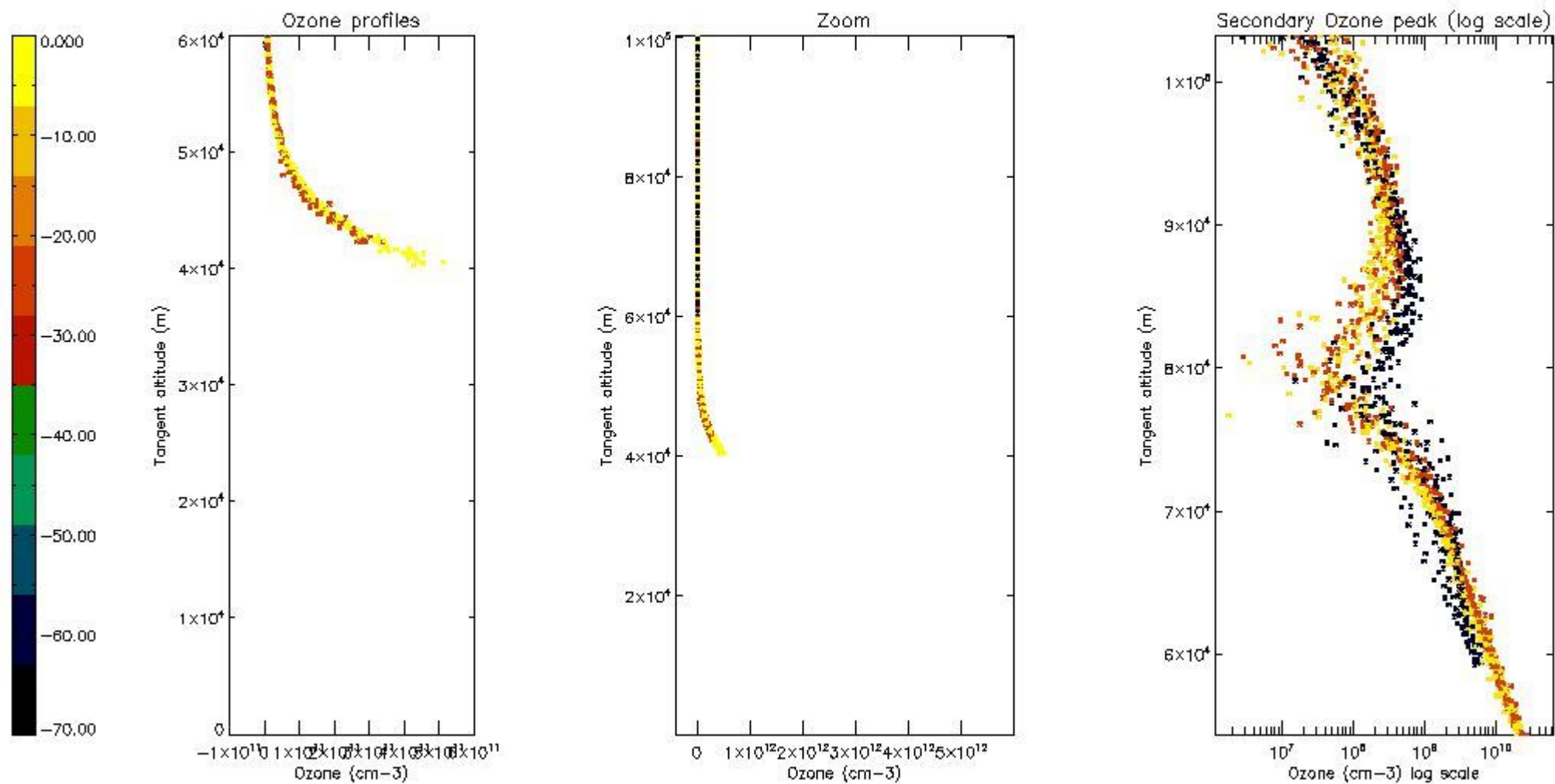
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	13

STD < 10	10
STD < 5	6

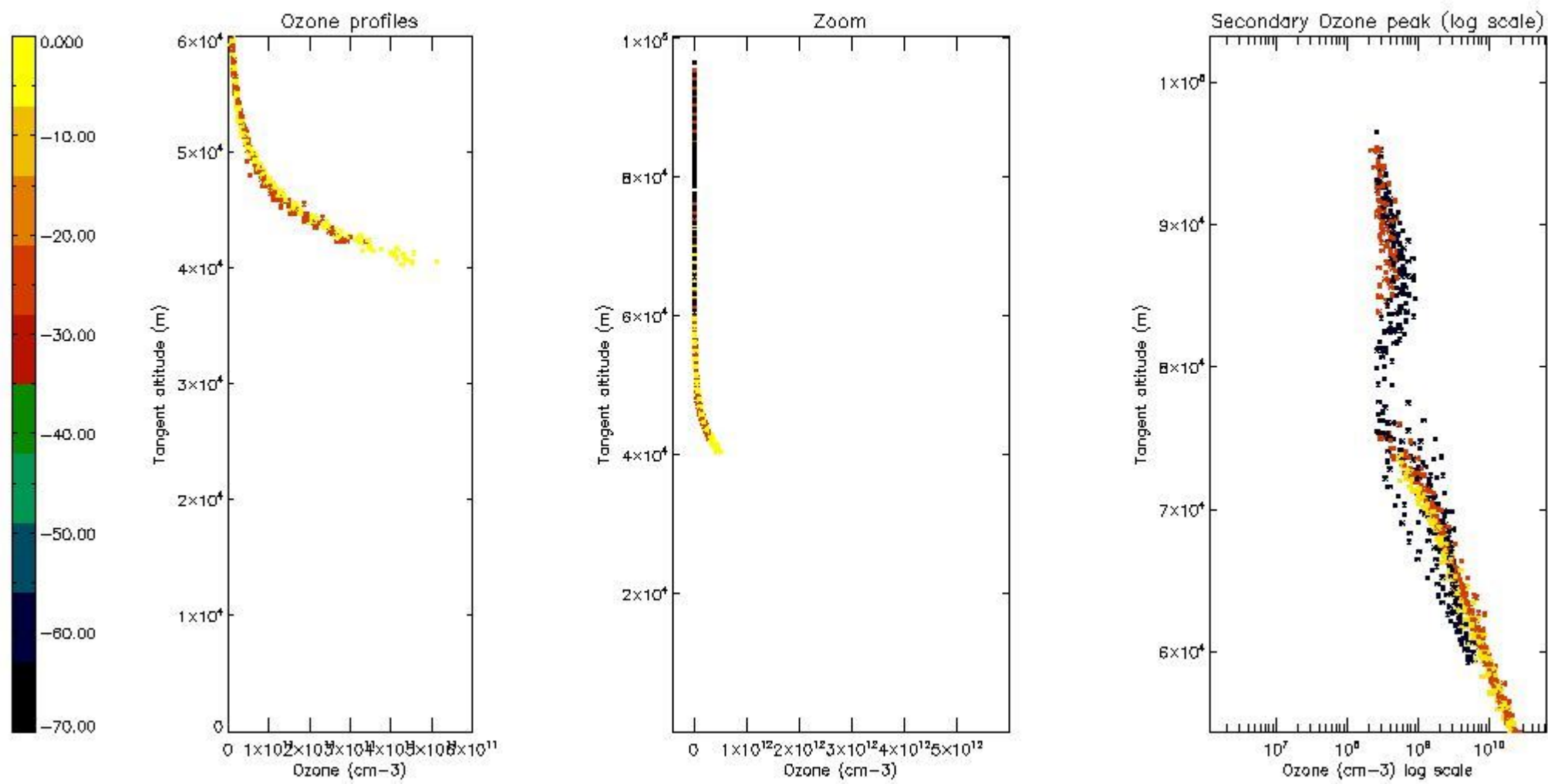
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



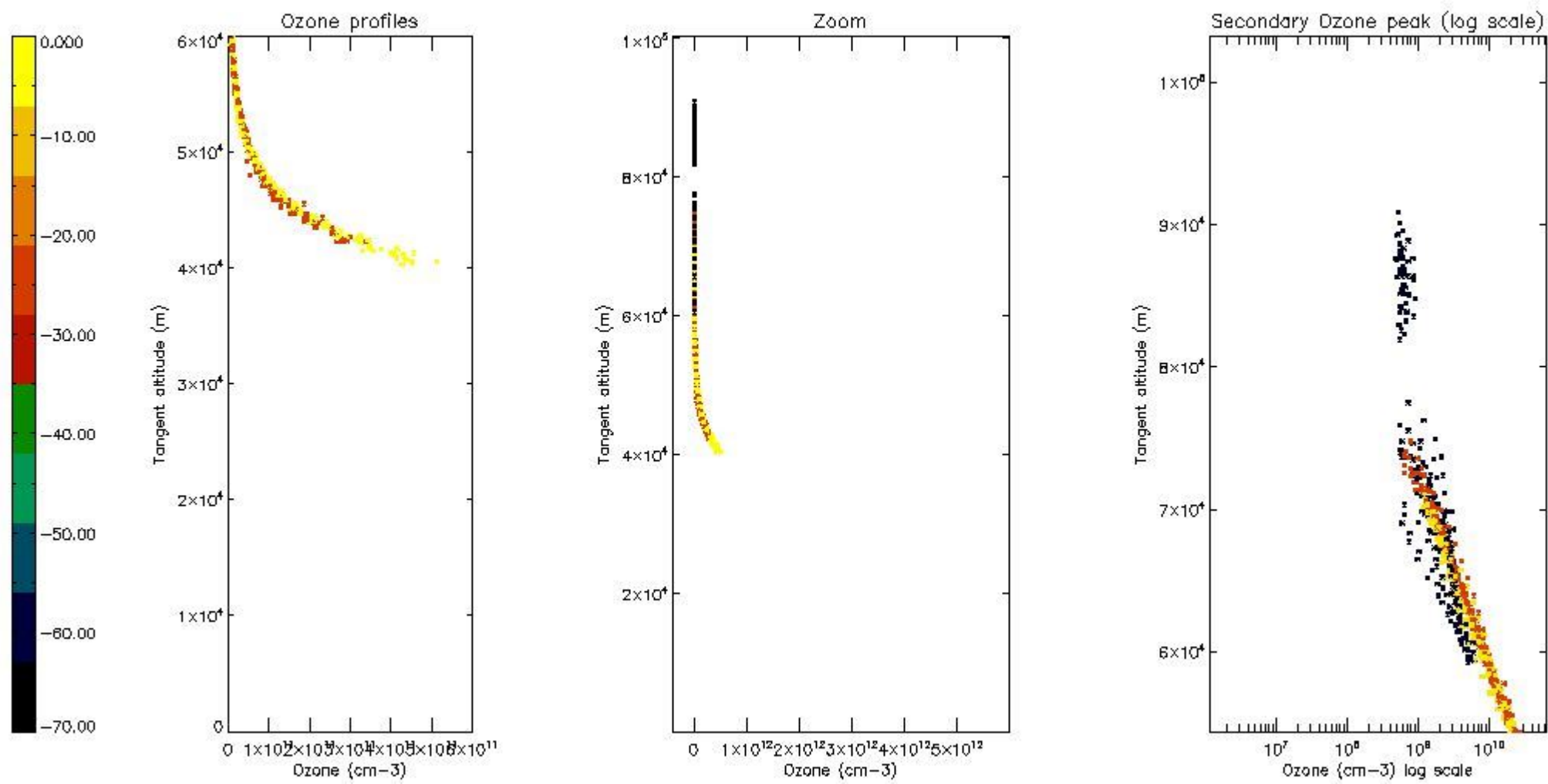
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



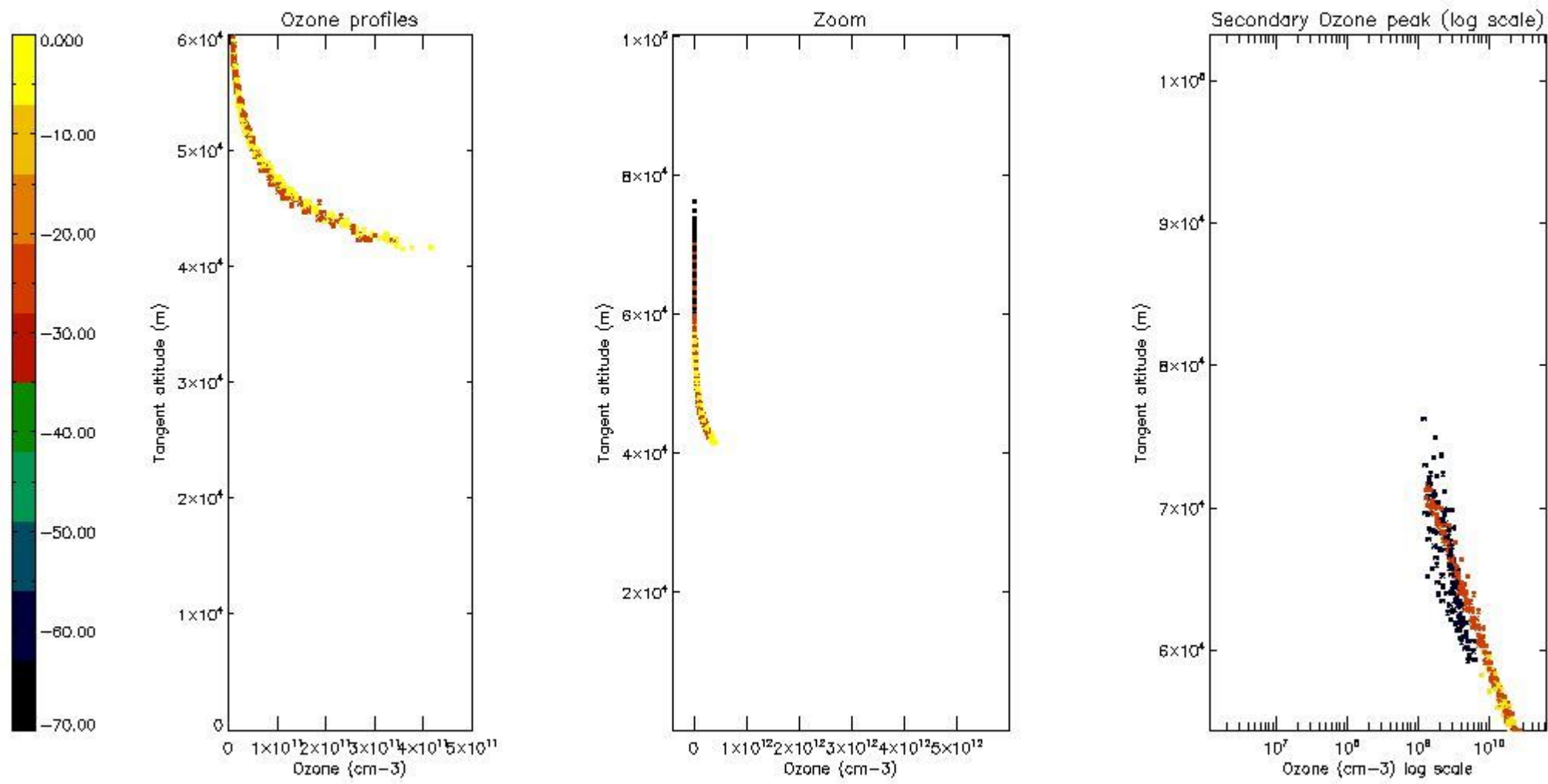
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



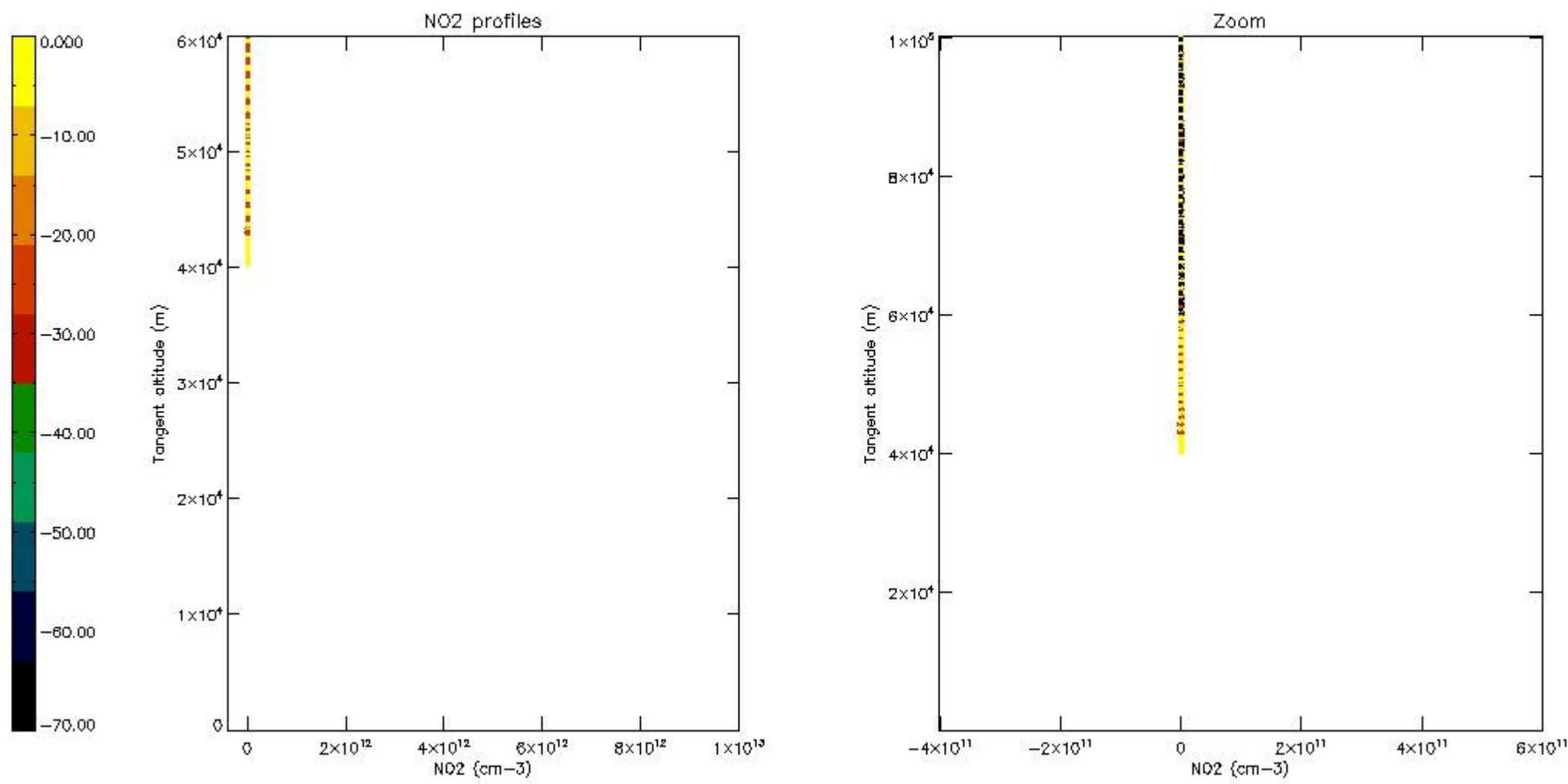
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



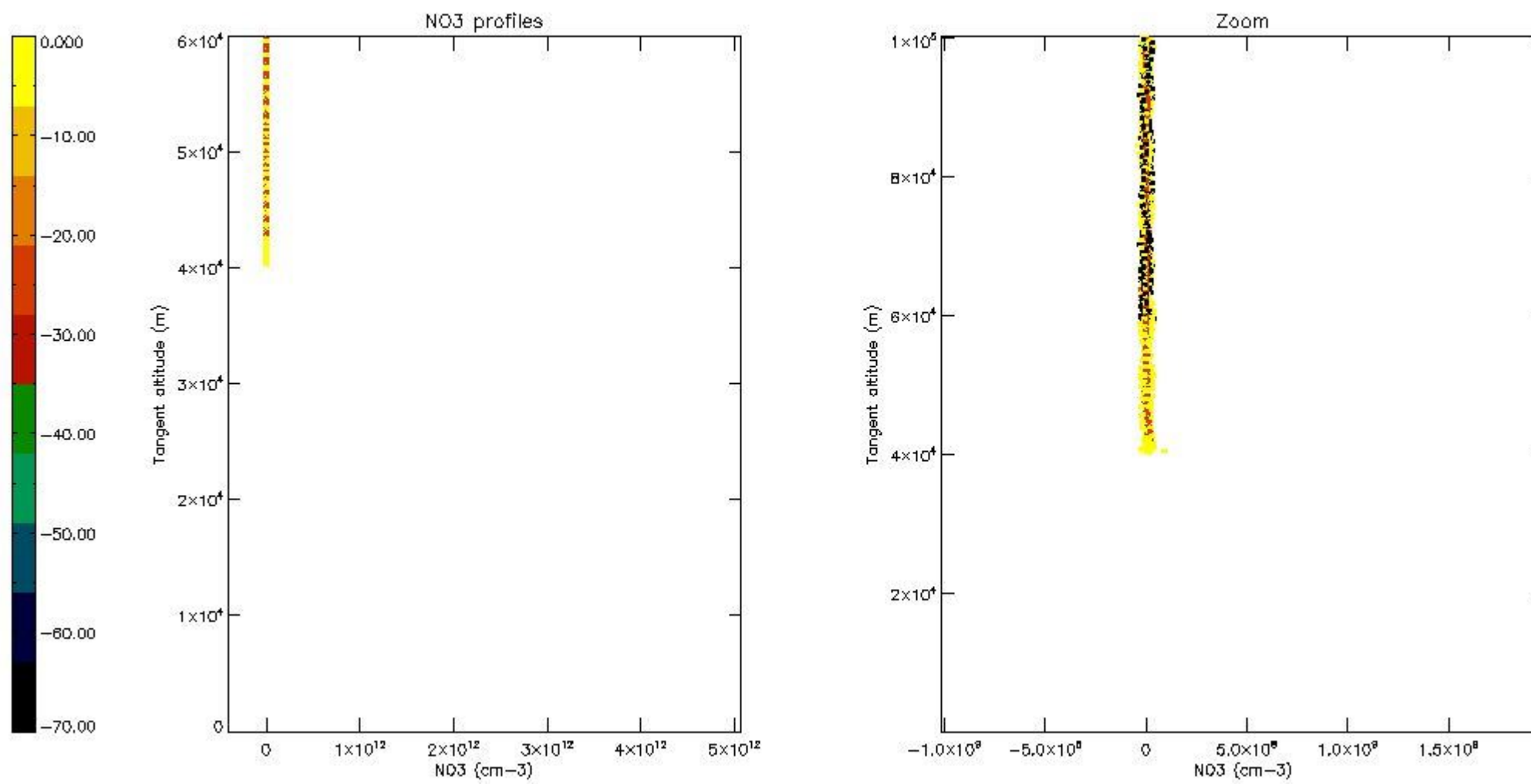
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

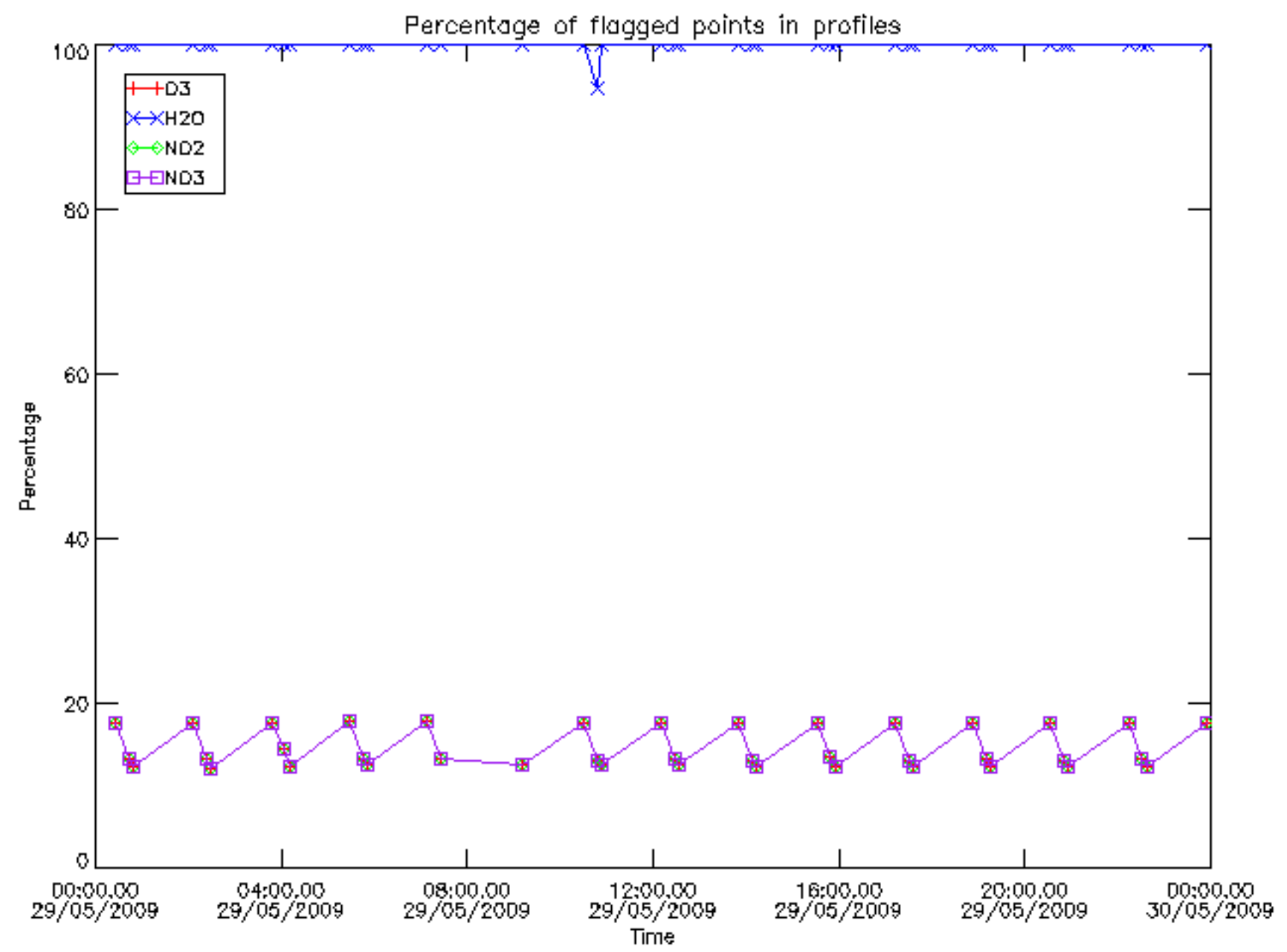
The colorbar represents the latitude.



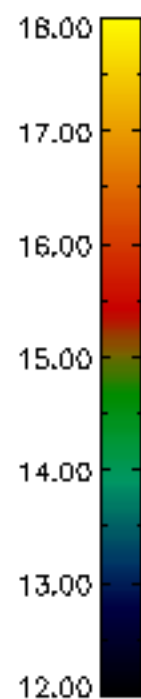
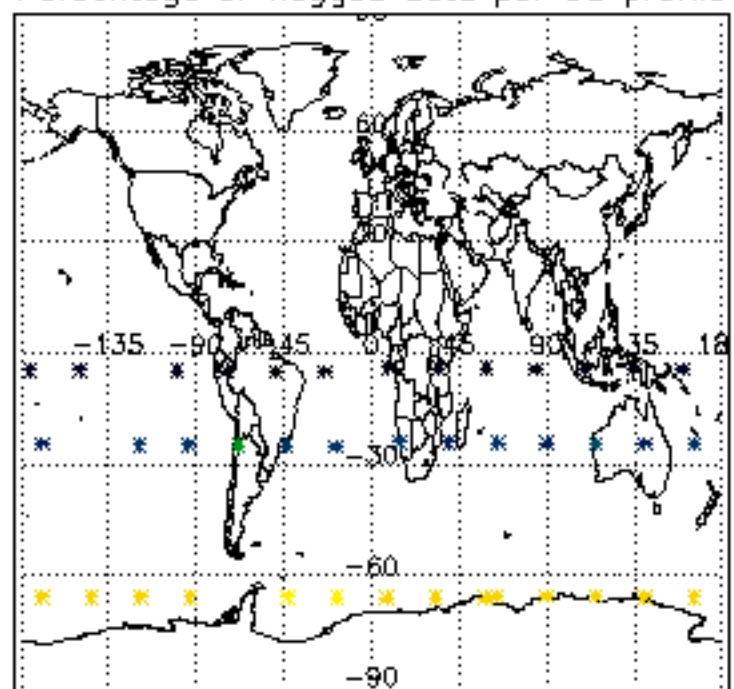
6. Auxiliary Data Files used for the production reported in section 2

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.

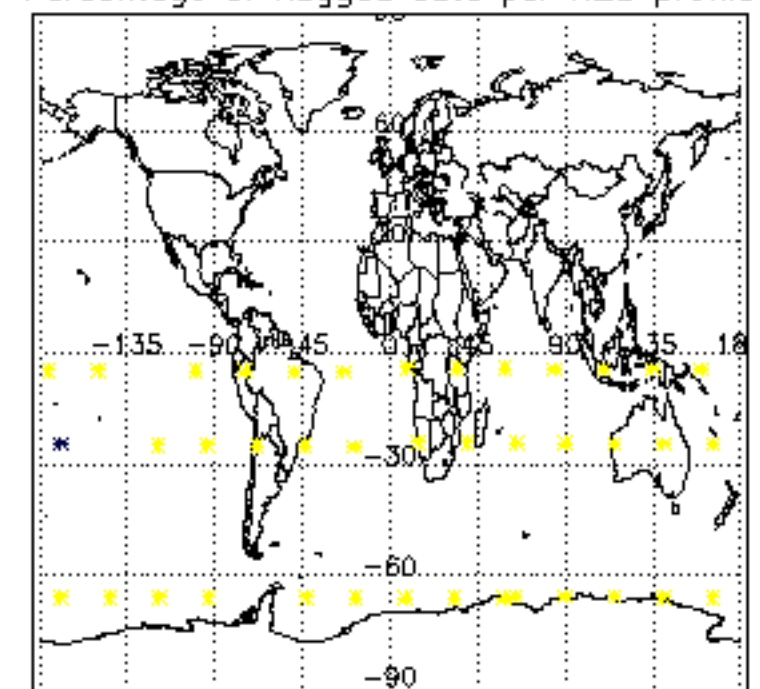
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-MAY-2009 00:06:29
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-MAY-2009 00:06:29
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-MAY-2009 00:06:29



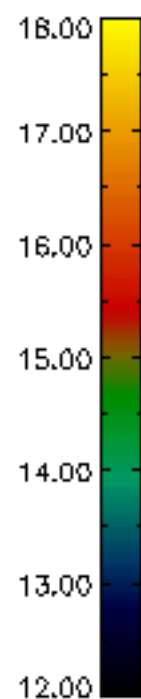
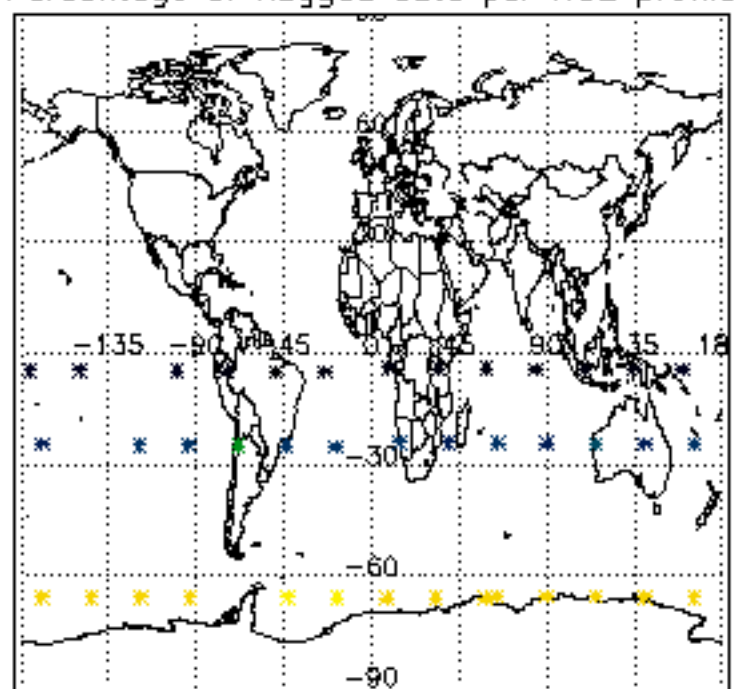
Percentage of flagged data per D3 profile



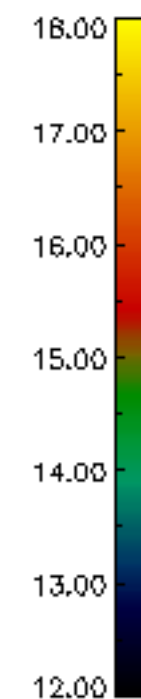
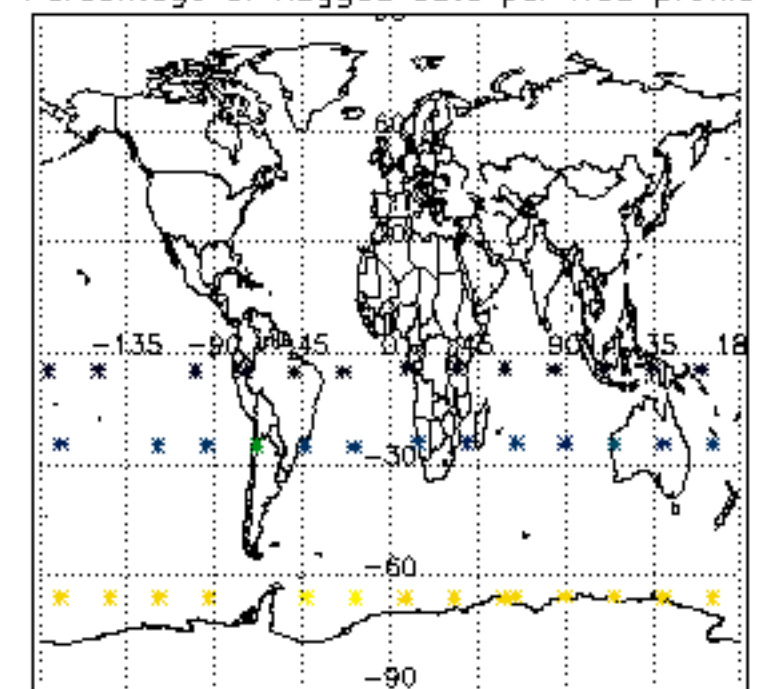
Percentage of flagged data per H2O profile

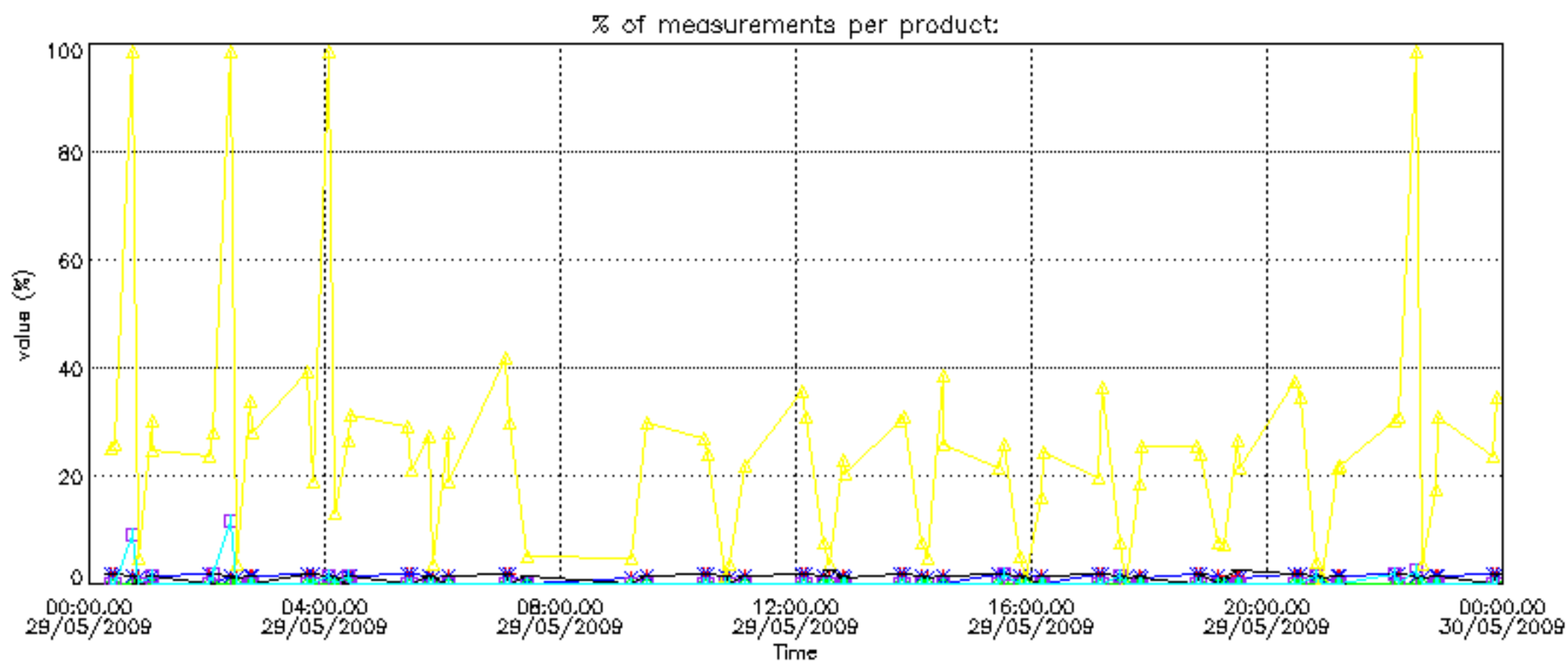


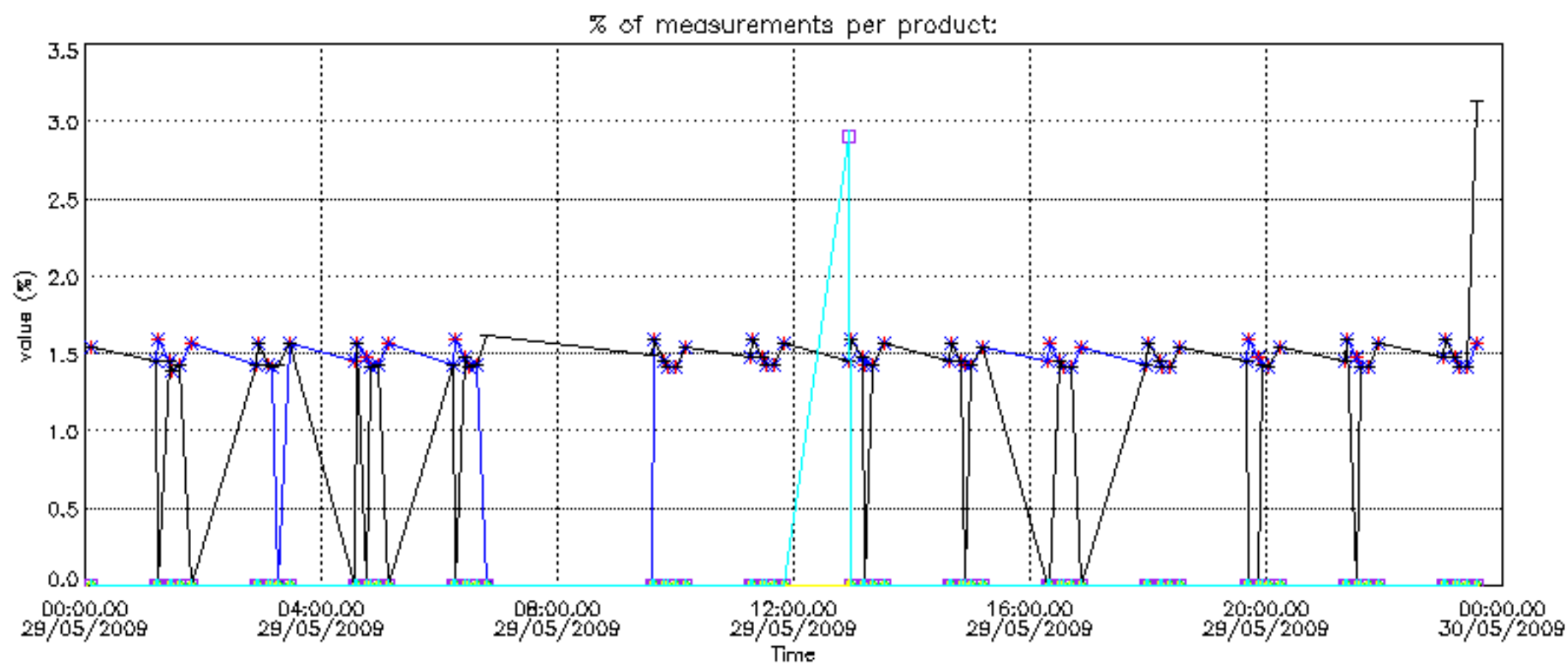
Percentage of flagged data per NO2 profile



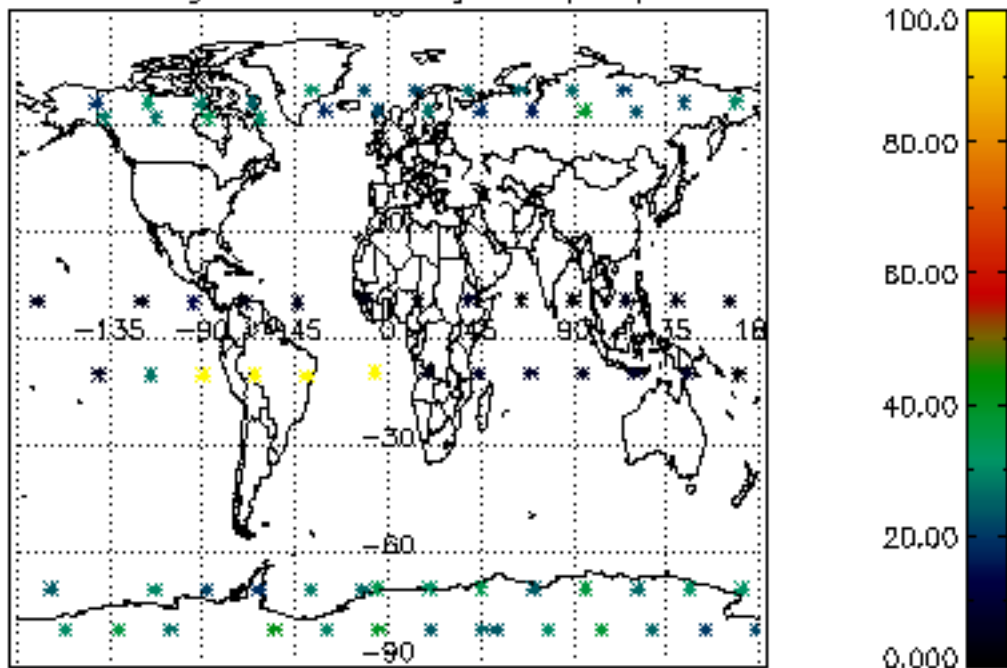
Percentage of flagged data per NO3 profile



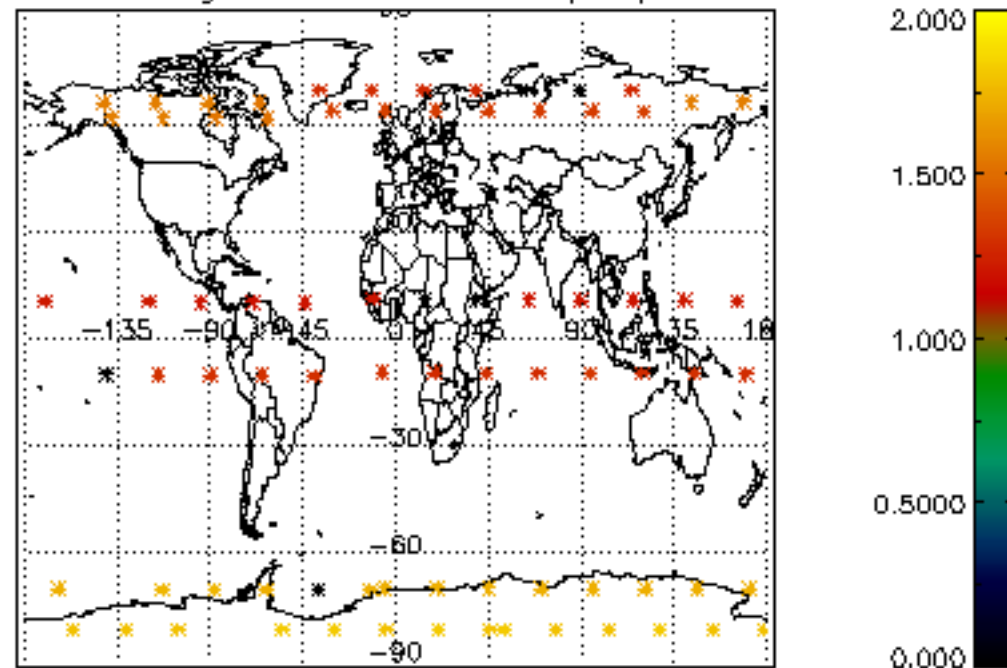




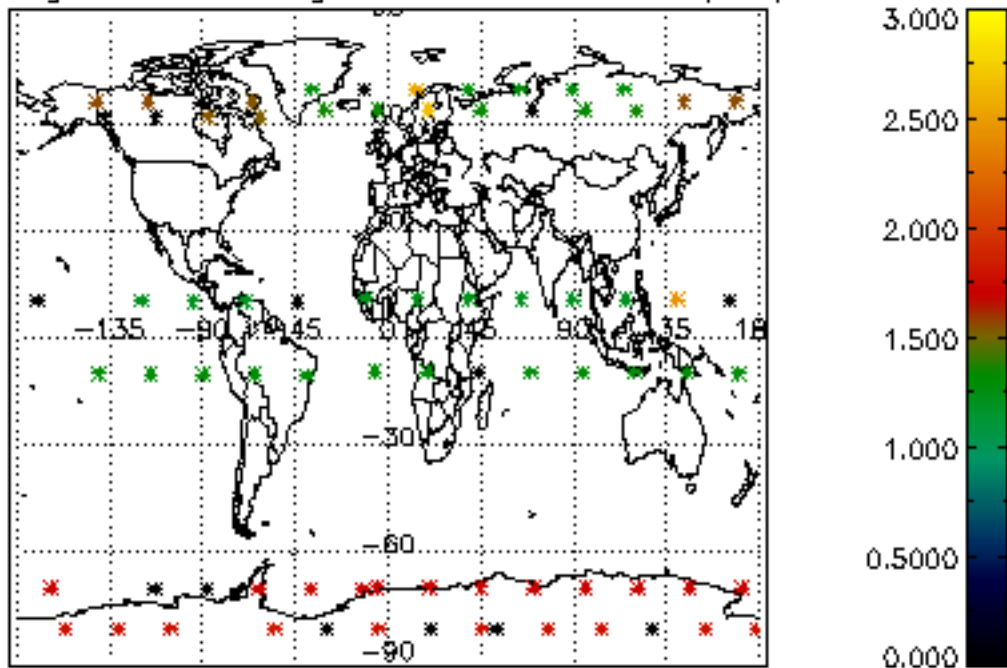
Percentage of cosmic ray hits per profile



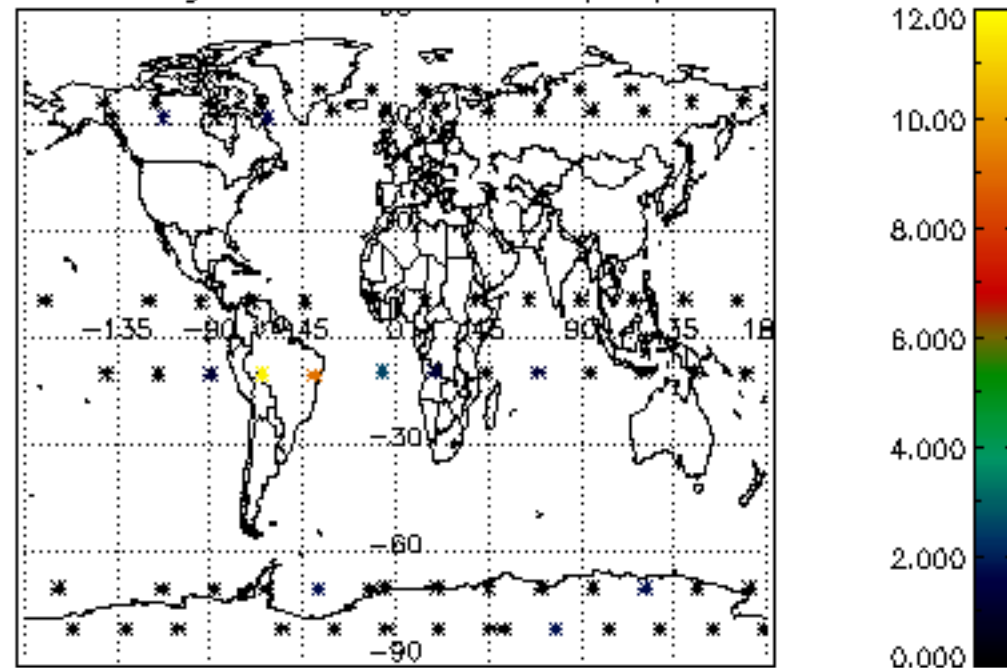
Percentage of datation errors per profile



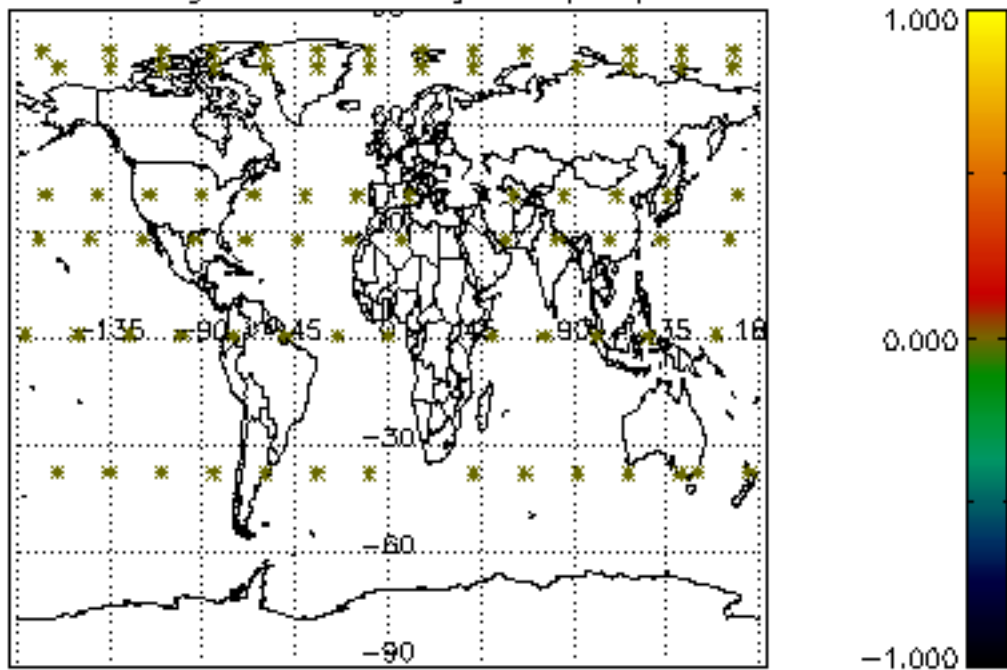
Percentage of star falling outside central band per profile



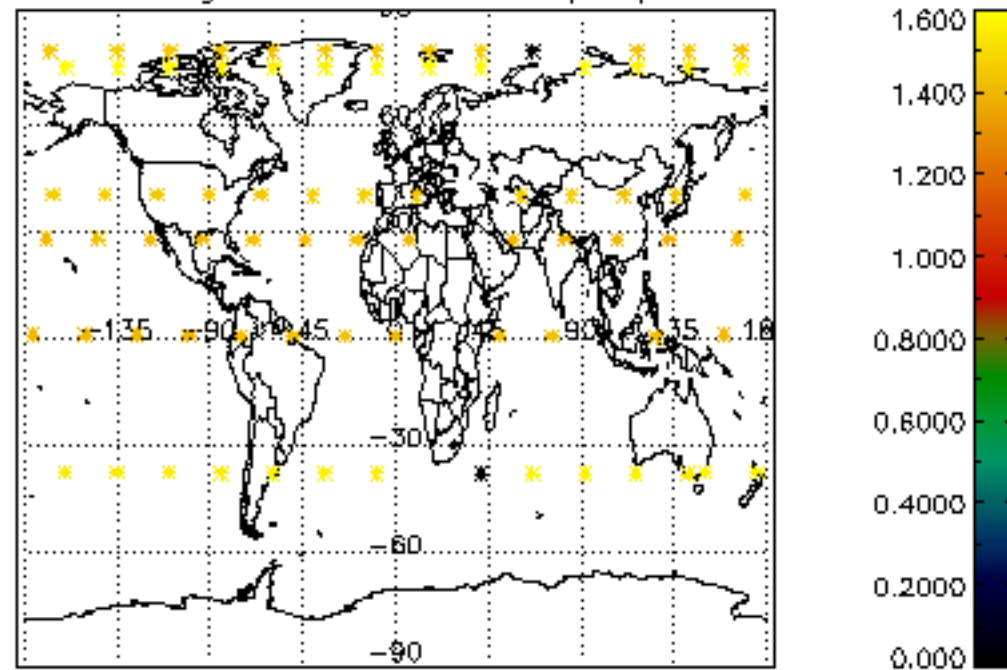
Percentage of saturation errors per profile



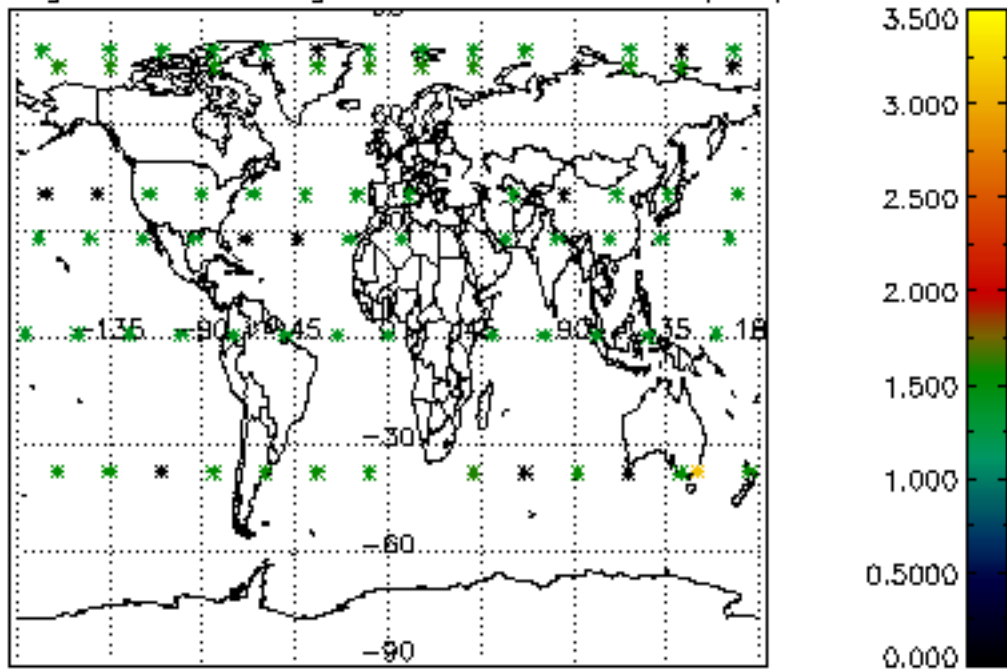
Percentage of cosmic ray hits per profile



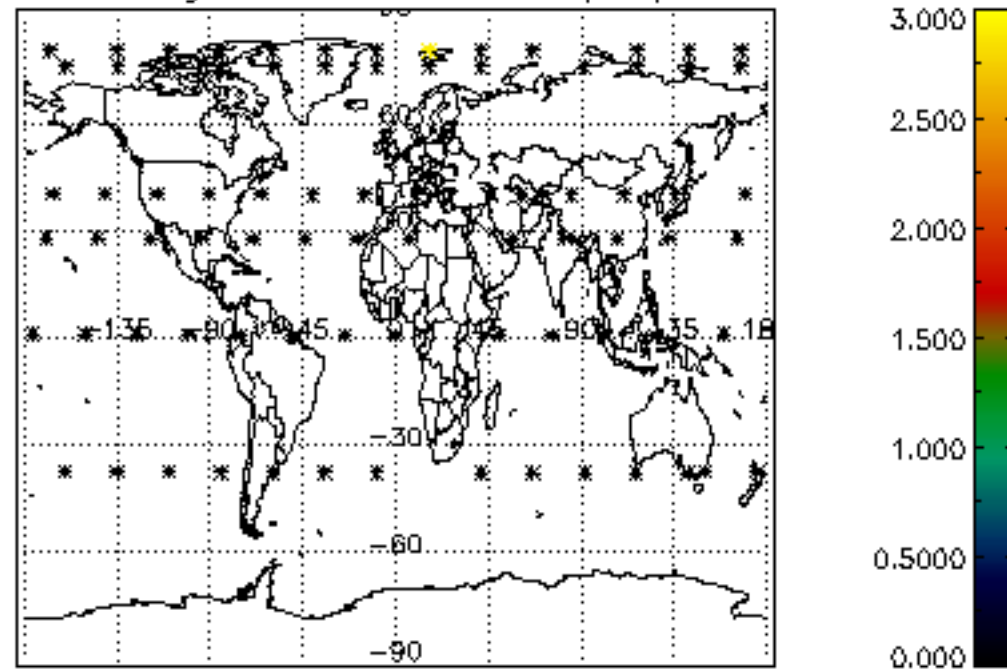
Percentage of datation errors per profile

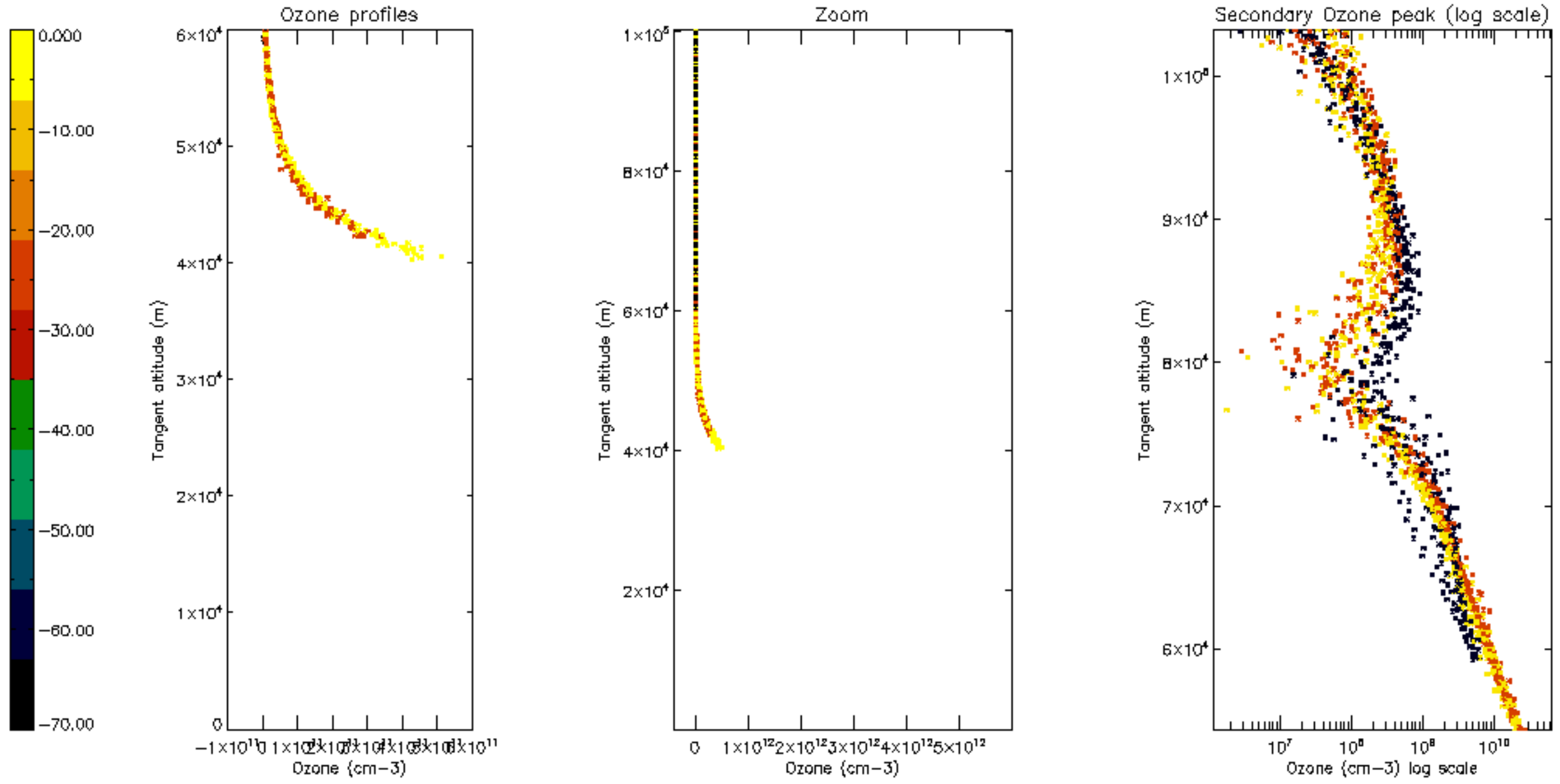


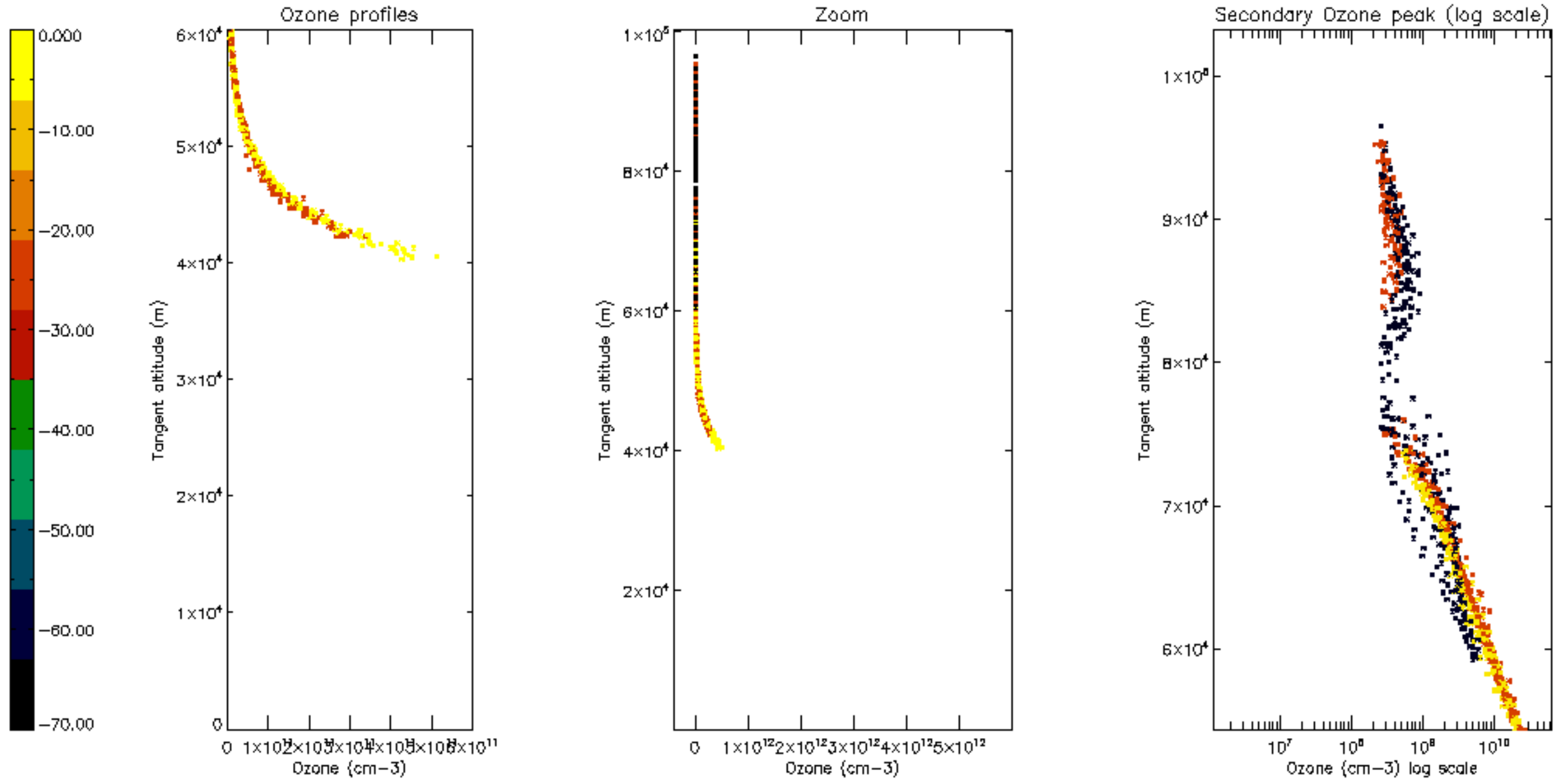
Percentage of star falling outside central band per profile

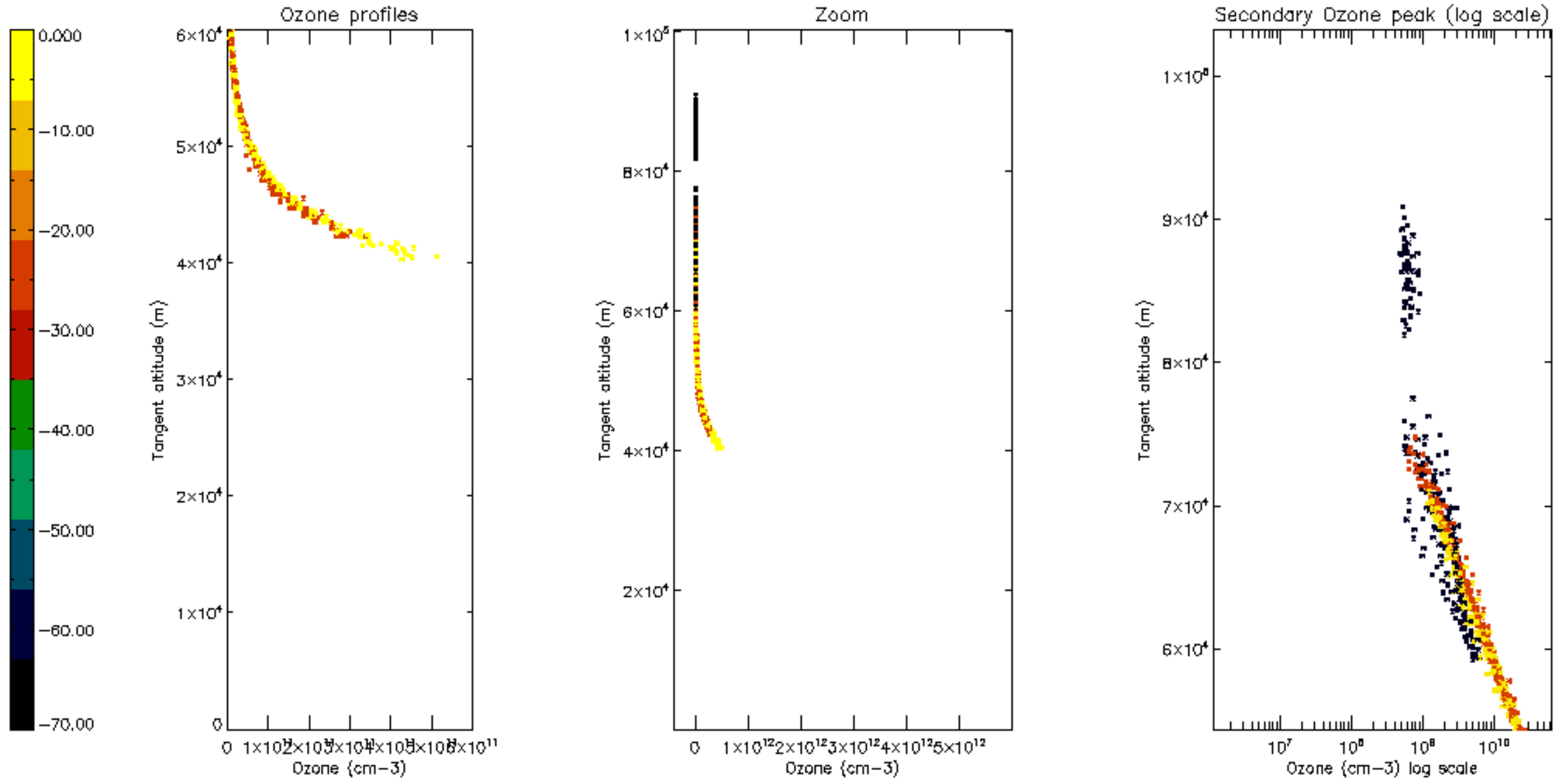


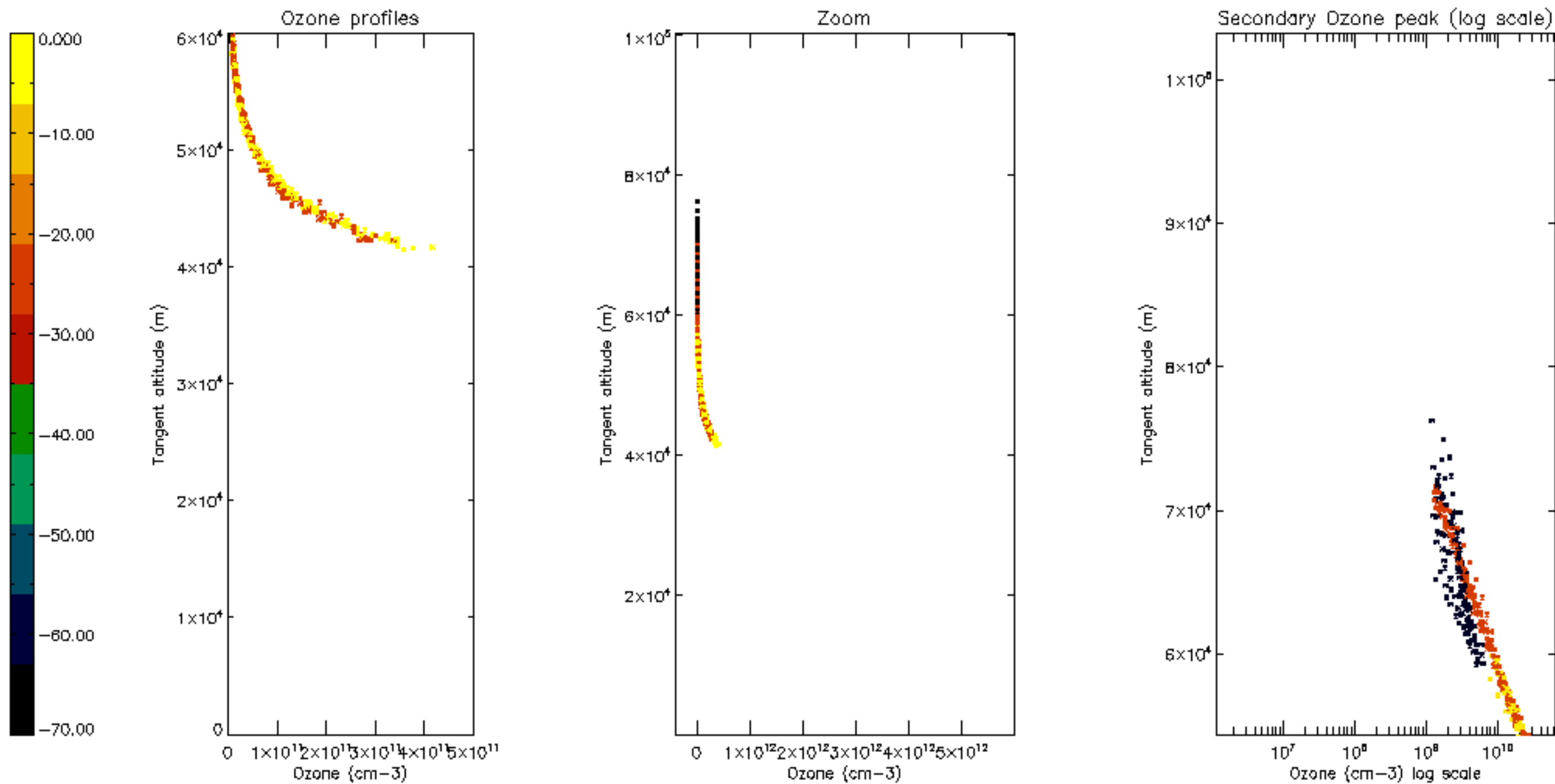
Percentage of saturation errors per profile

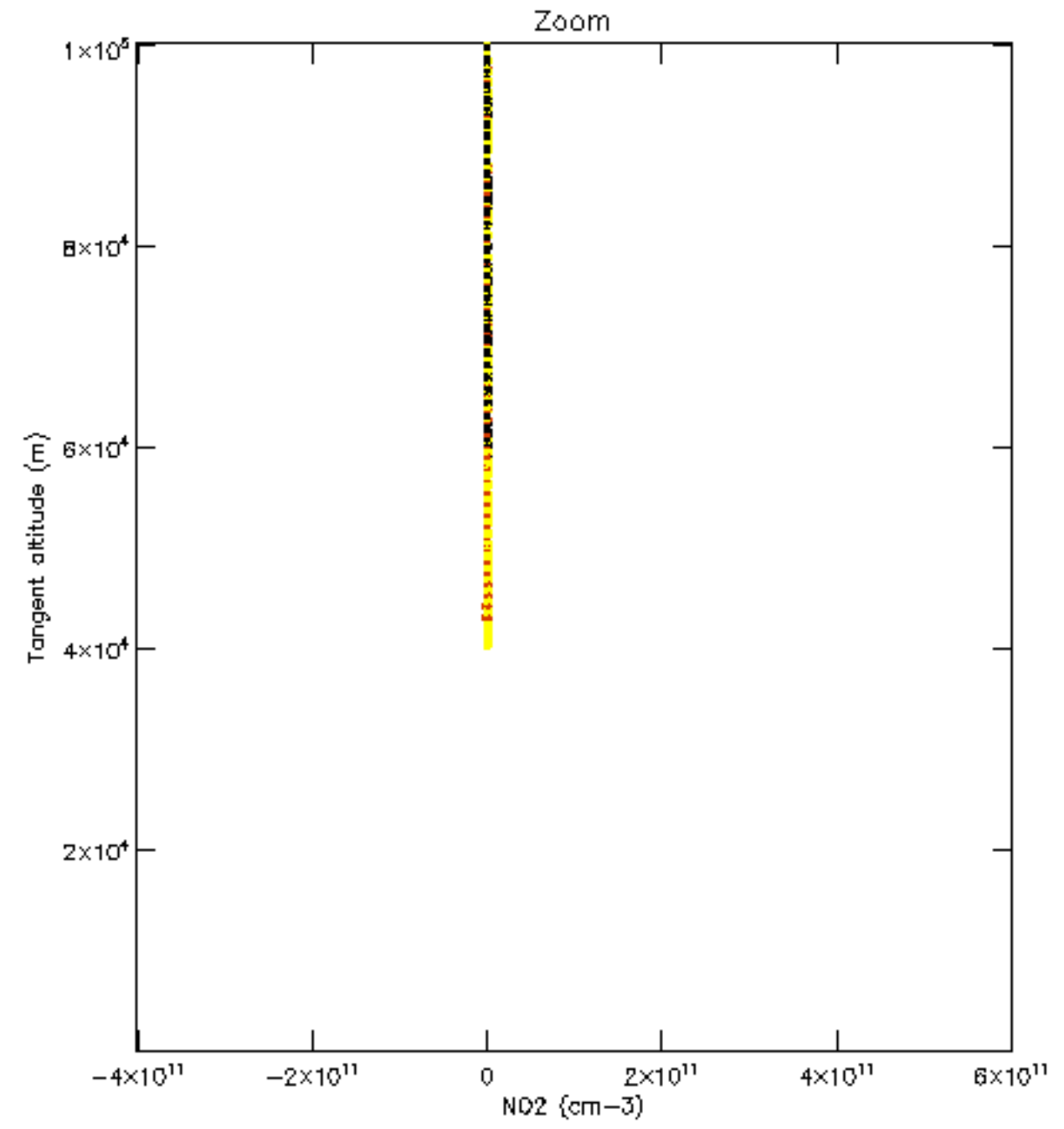
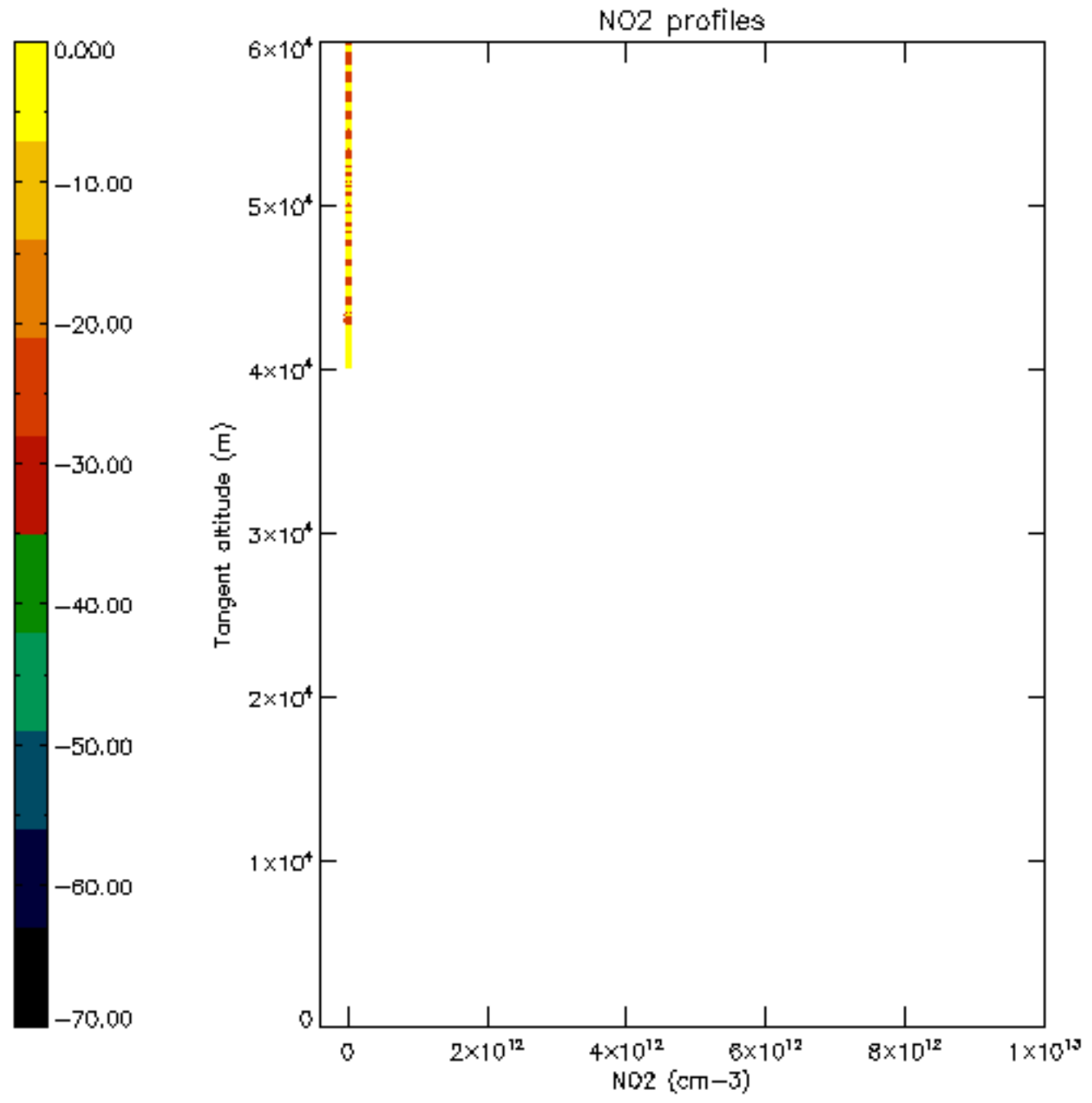


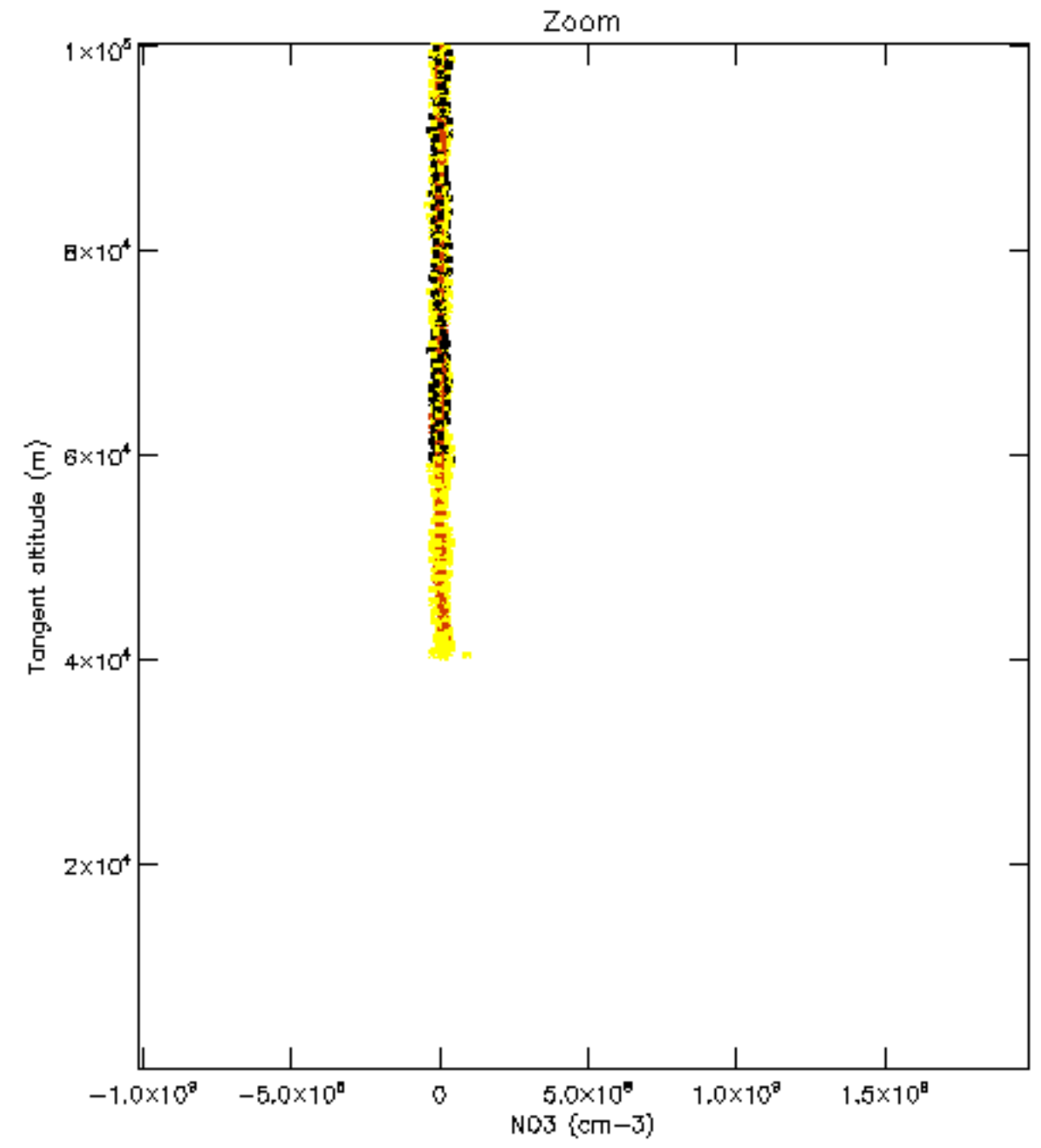
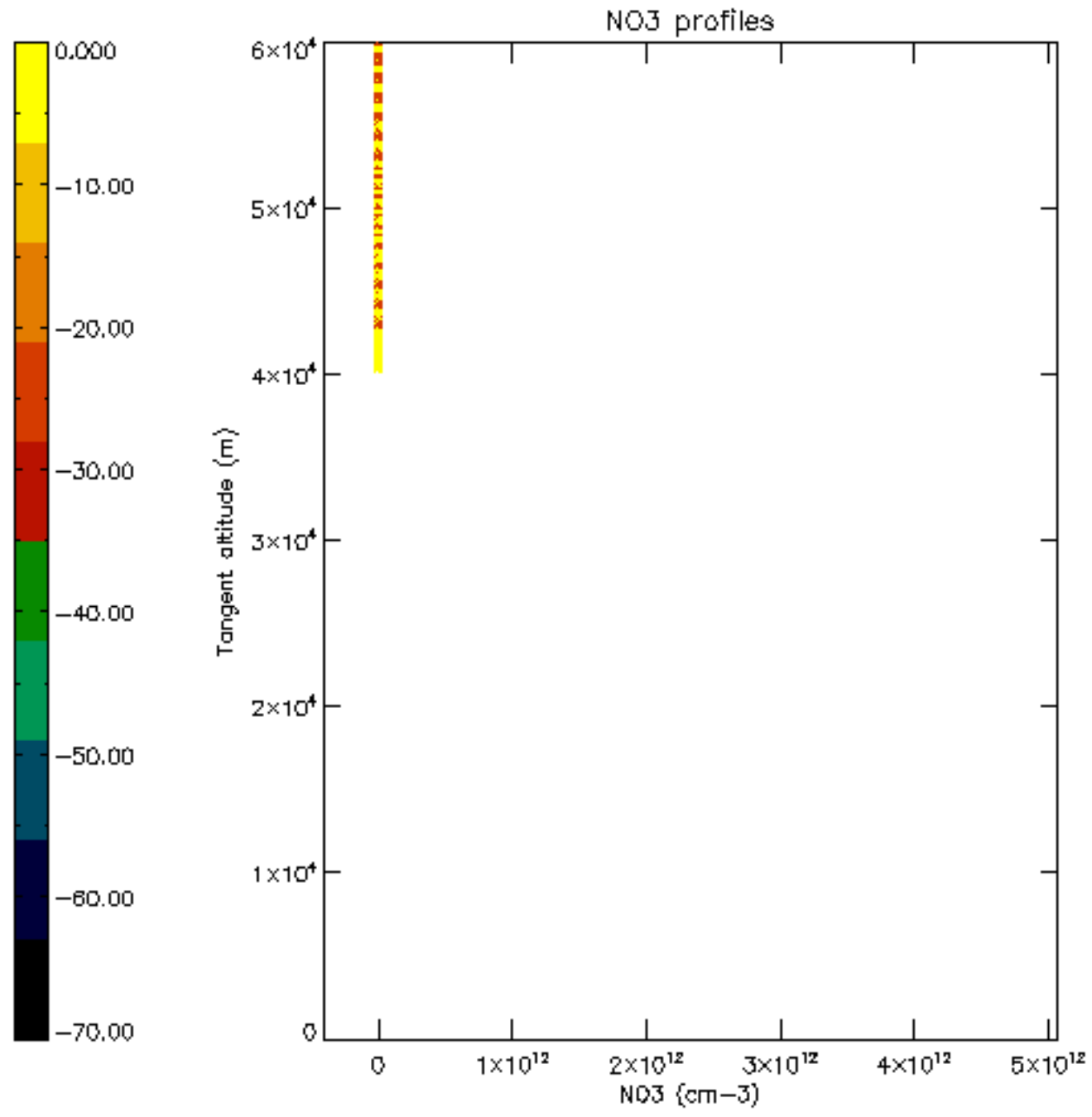


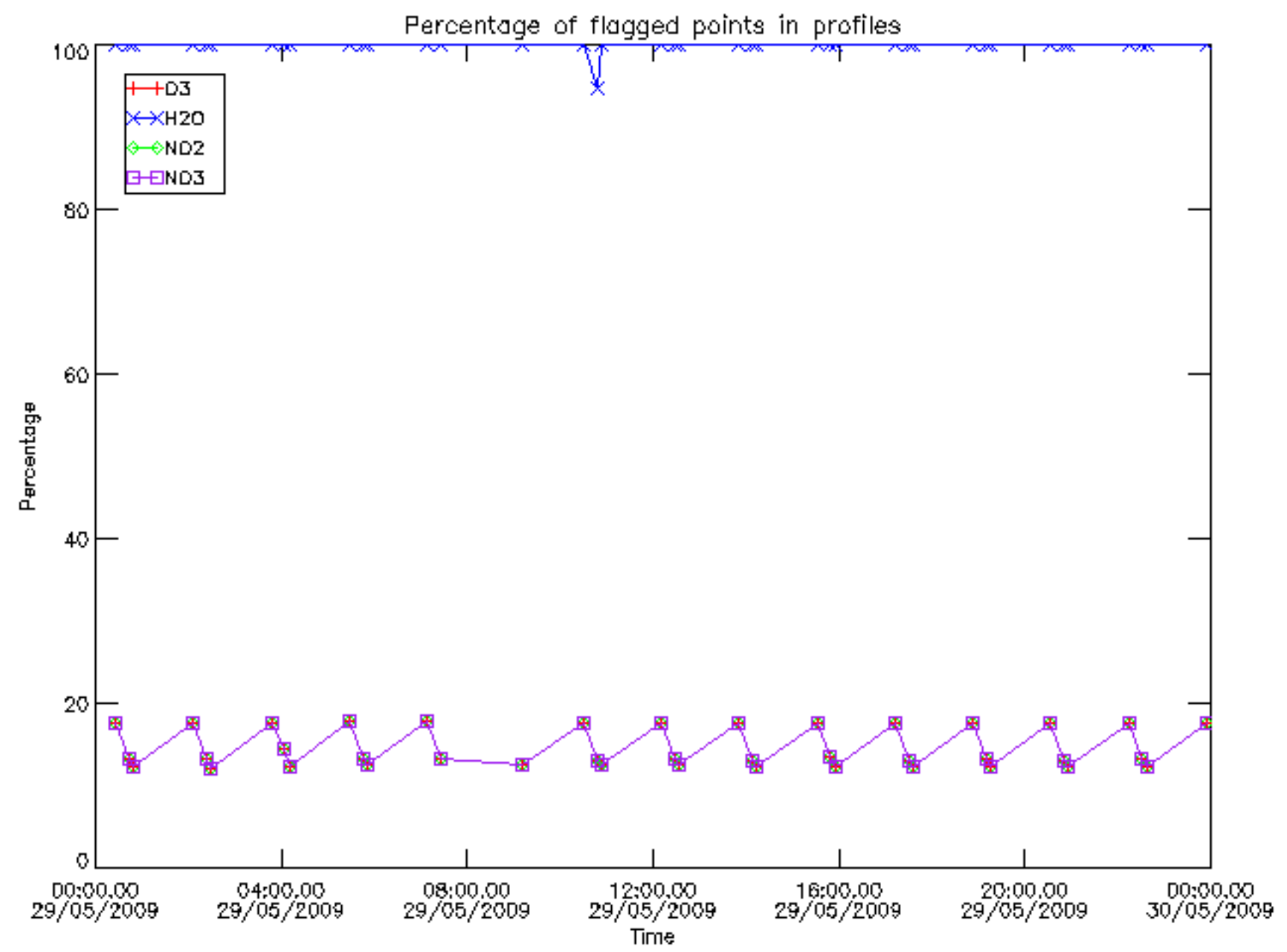




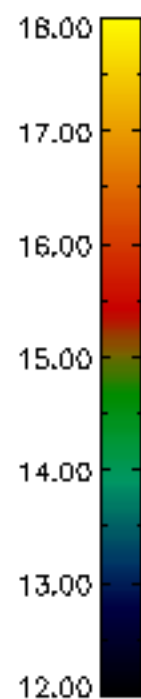
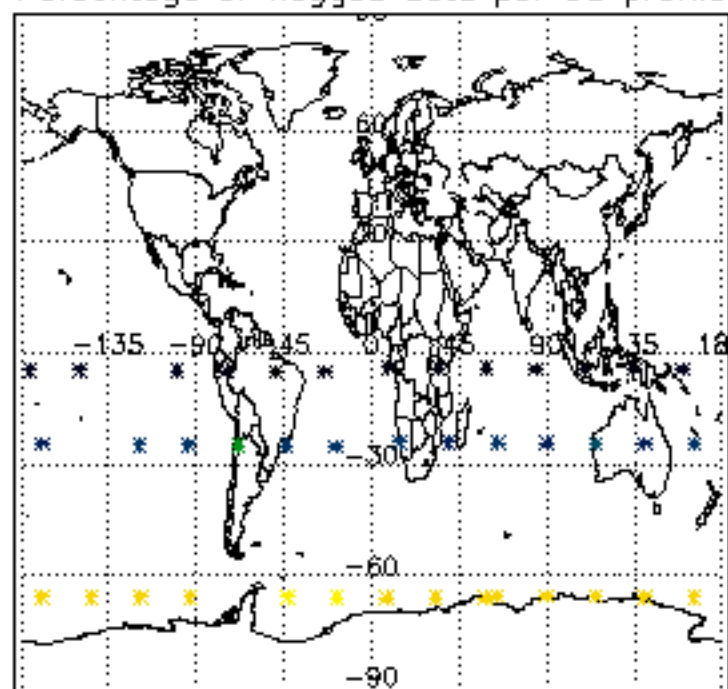




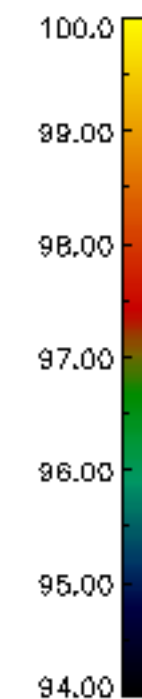
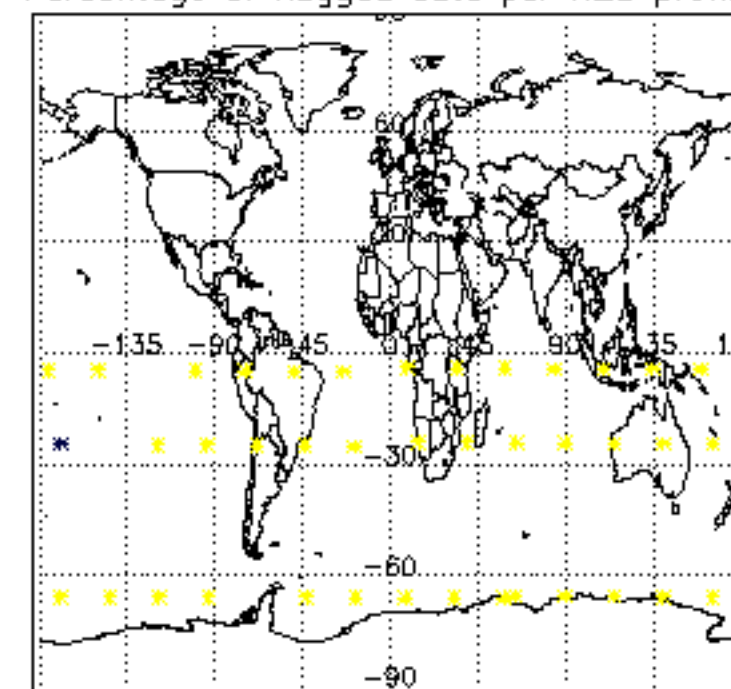




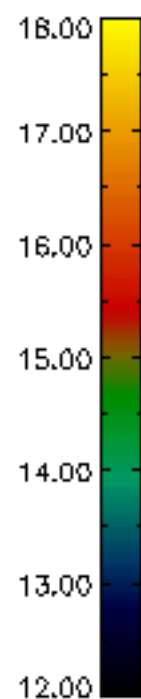
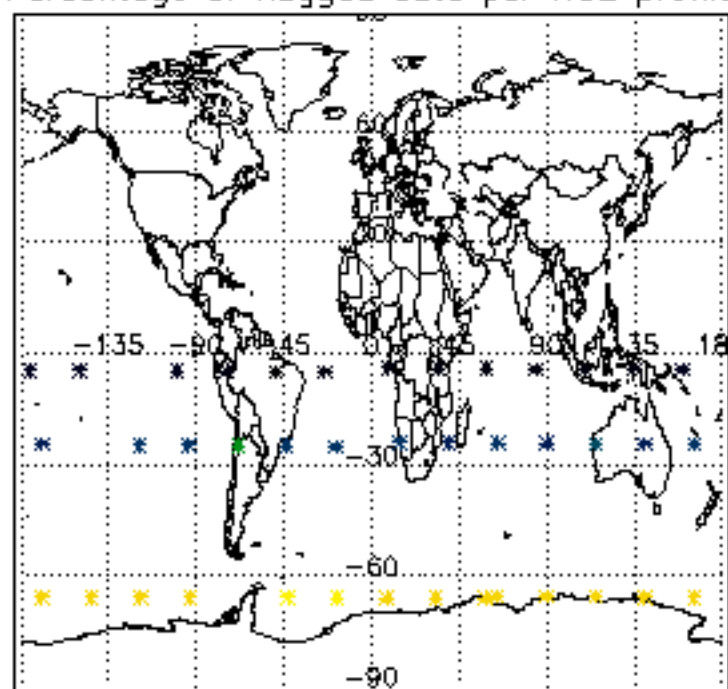
Percentage of flagged data per D3 profile



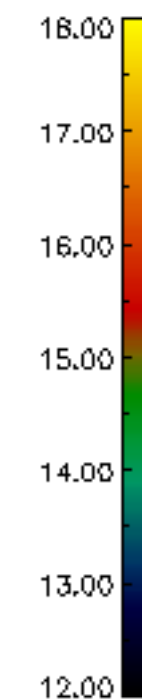
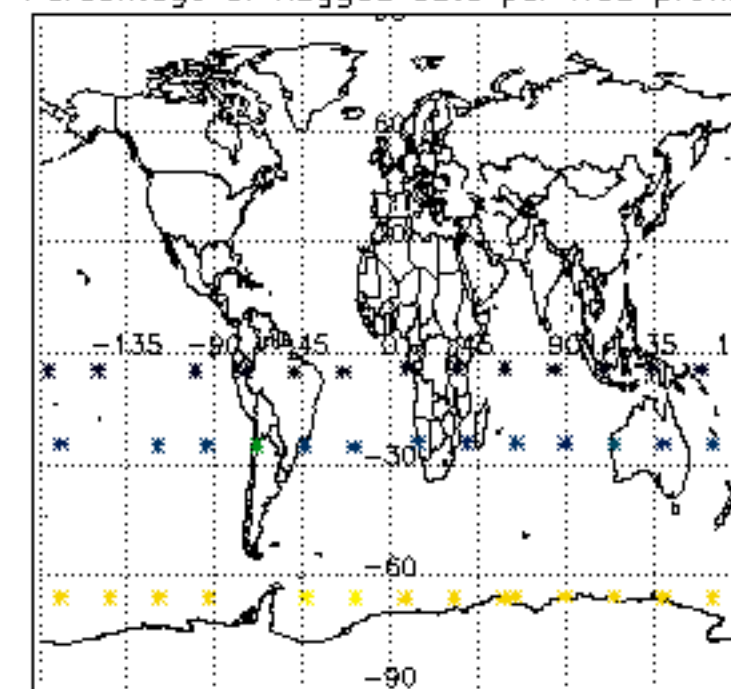
Percentage of flagged data per H2O profile

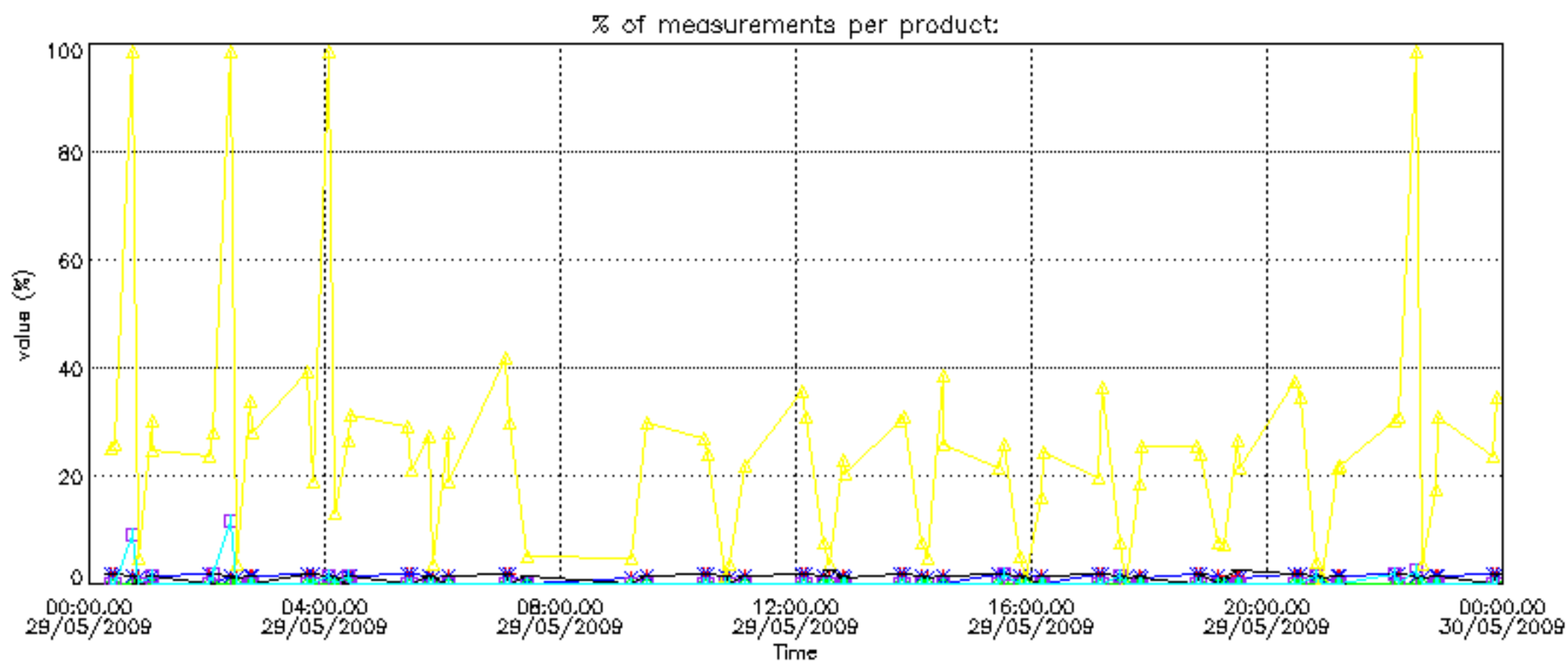


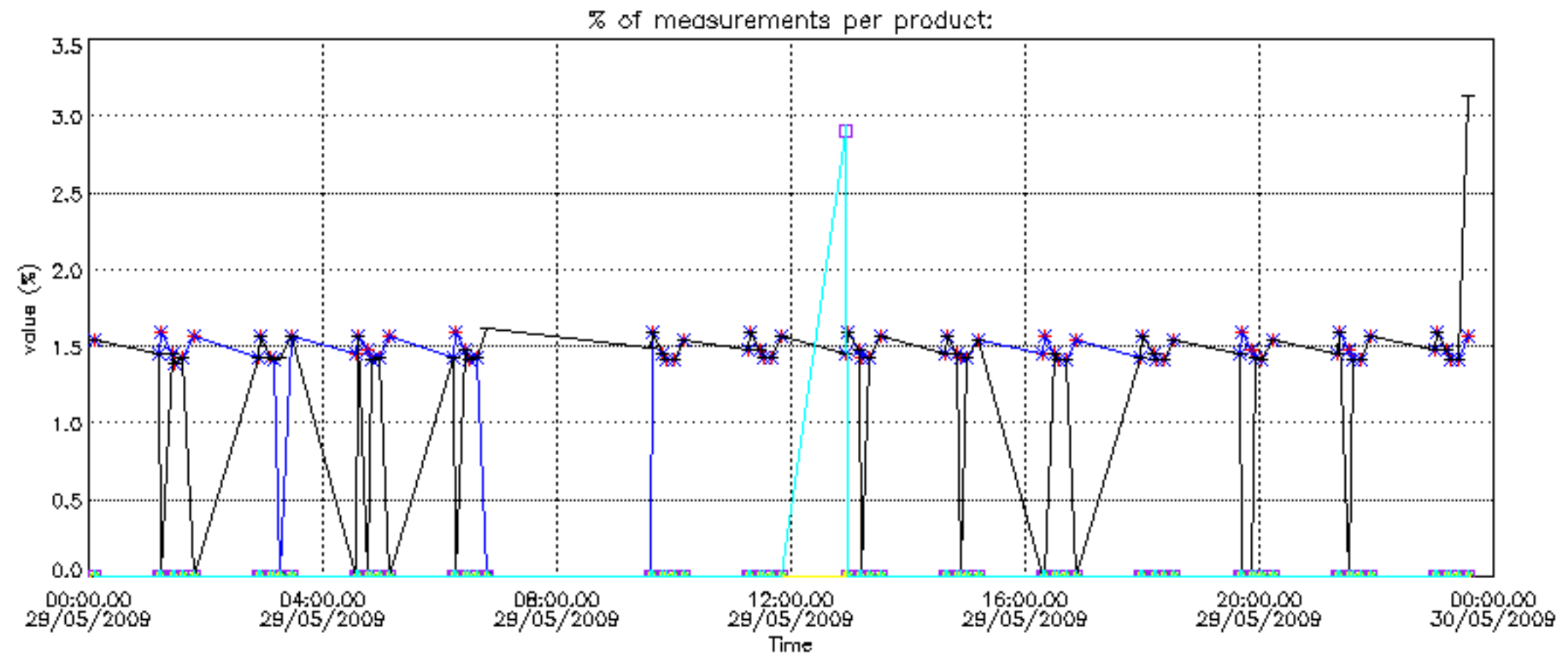
Percentage of flagged data per NO2 profile



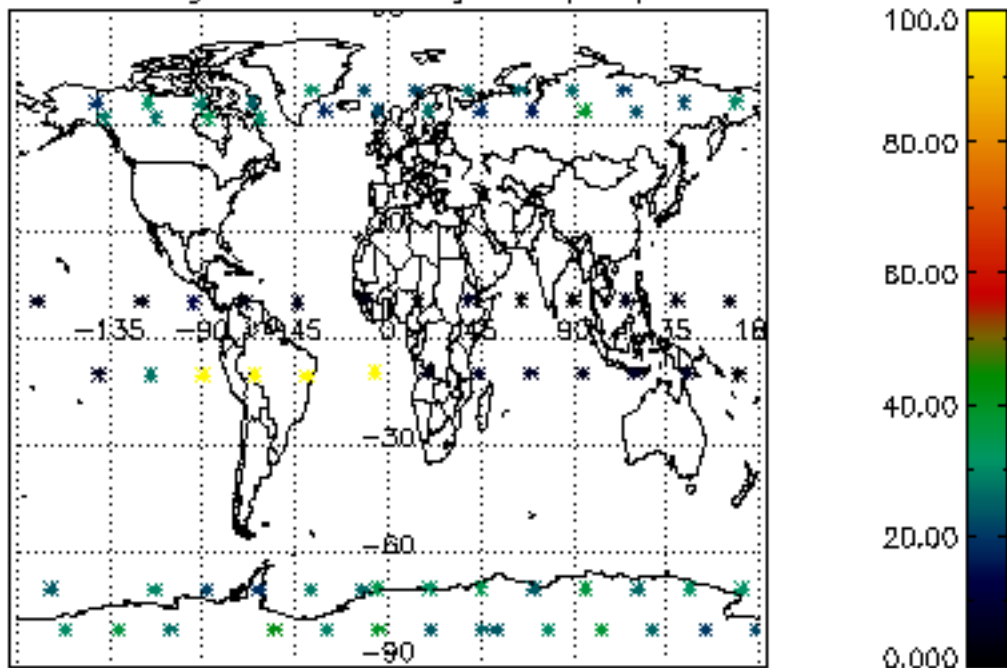
Percentage of flagged data per NO3 profile



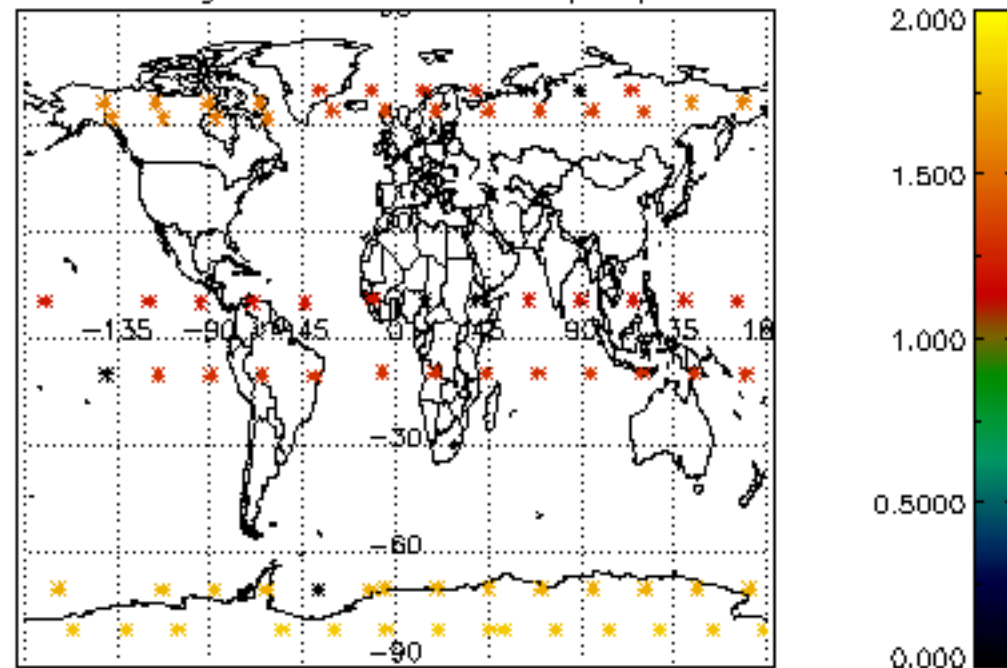




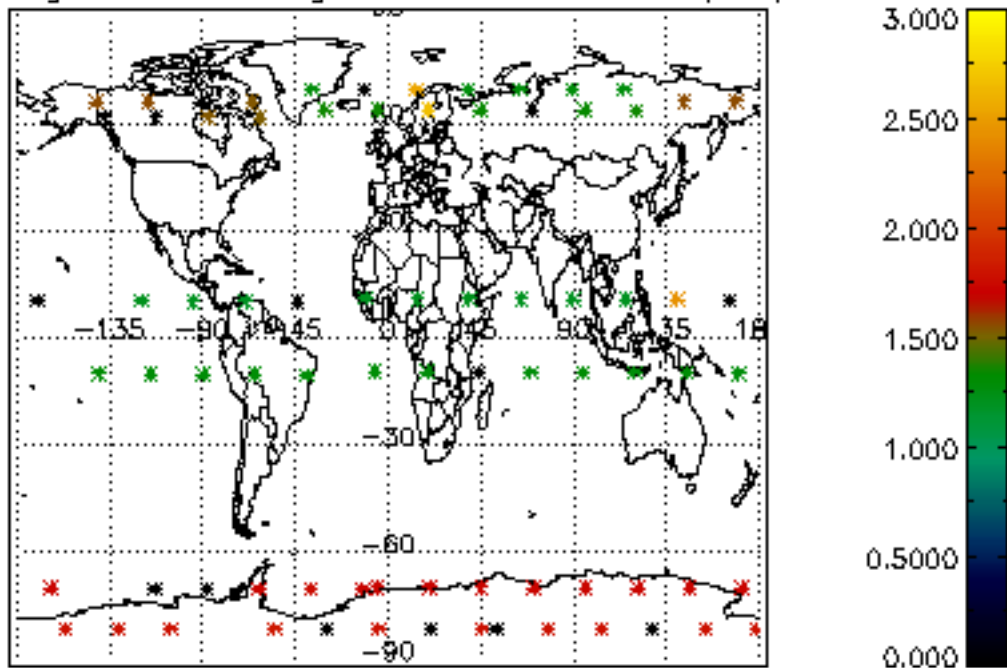
Percentage of cosmic ray hits per profile



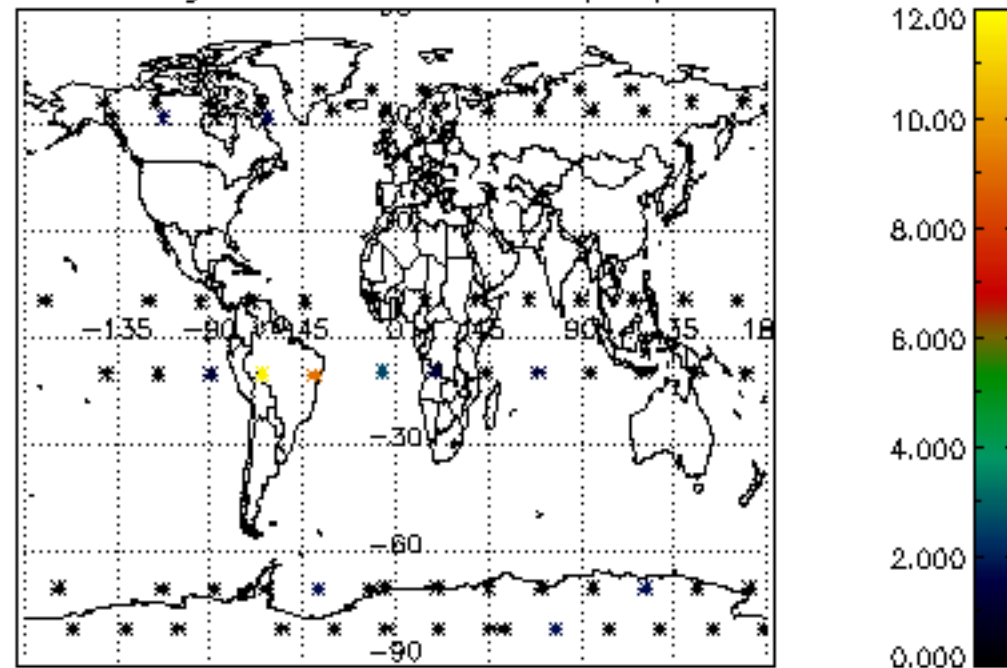
Percentage of datation errors per profile



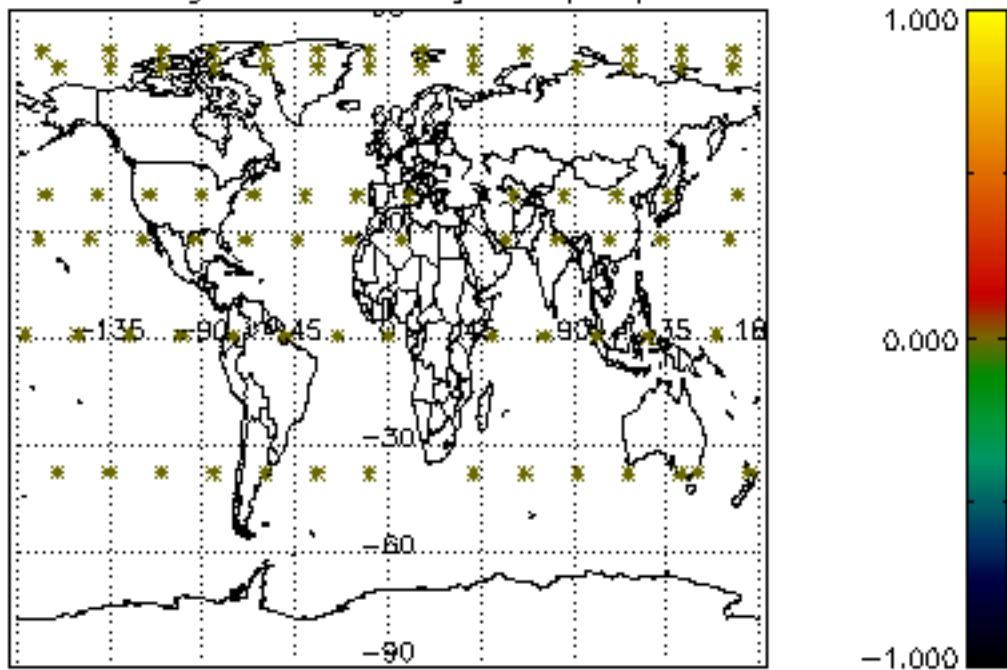
Percentage of star falling outside central band per profile



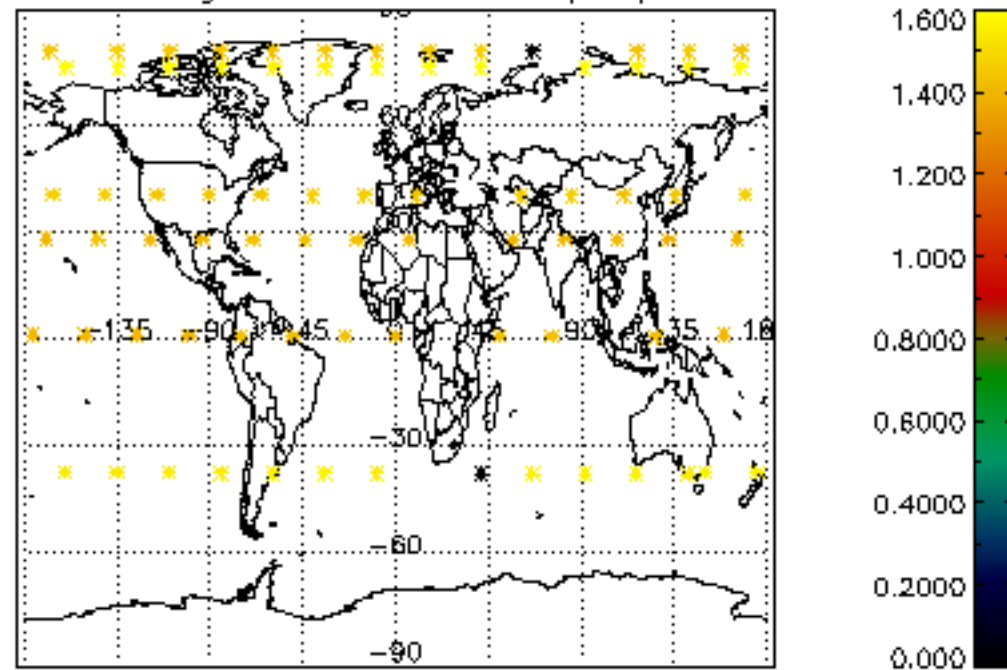
Percentage of saturation errors per profile



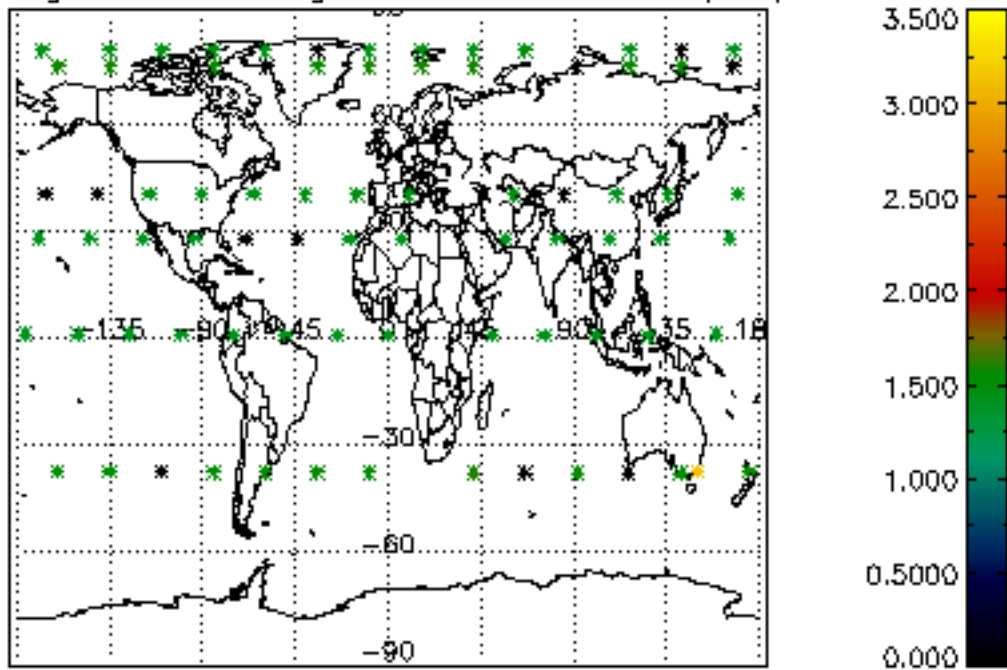
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

