

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 09:35:12
Data source version	GOMOS/6.01
Start time of products	18-05-2009 (18MAY2009 00:00:00)
Stop time of products	19-05-2009 (19MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	192
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__2PRFIN20090518_000704_000000492079_00088_37717_5802.N1	18-MAY-2009 00:07:04	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37717	No
2	GOM_NL__2PRFIN20090518_000856_000000542079_00088_37717_5803.N1	18-MAY-2009 00:08:56	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37717	No
3	GOM_NL__2PRFIN20090518_001111_000000532079_00088_37717_5804.N1	18-MAY-2009 00:11:11	Twilight_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	37717	No
4	GOM_NL__2PRFIN20090518_001413_000000582079_00088_37717_5805.N1	18-MAY-2009 00:14:13	Twilight_stray	58.000	16	21Alp Sco	1.0200	3000.0	116	37717	No
5	GOM_NL__2PRFIN20090518_001646_000000422079_00088_37717_5806.N1	18-MAY-2009 00:16:46	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	37717	No
6	GOM_NL__2PRFIN20090518_001958_000000502079_00088_37717_5807.N1	18-MAY-2009 00:19:58	Bright	50.000	98	13Zet Oph	2.5710	30000.	100	37717	No
7	GOM_NL__2PRFIN20090518_002225_000000482079_00088_37717_5808.N1	18-MAY-2009 00:22:25	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37717	No
8	GOM_NL__2PRFIN20090518_002533_000000432079_00088_37717_5809.N1	18-MAY-2009 00:25:33	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37717	No
9	GOM_NL__2PRFIN20090518_003153_000000422079_00088_37717_5810.N1	18-MAY-2009 00:31:53	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	37717	No
10	GOM_NL__2PRFIN20090518_004252_000000422079_00088_37717_5811.N1	18-MAY-2009 00:42:52	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37717	No
11	GOM_NL__2PRFIN20090518_005349_000000592079_00088_37717_5812.N1	18-MAY-2009 00:53:49	Bright	58.500	89	5Alp Cep	2.4510	8000.0	117	37717	No
12	GOM_NL__2PRFIN20090518_010800_000000462079_00088_37717_5813.N1	18-MAY-2009 01:08:00	Twilight_stray	46.000	93	53Bet Peg	2.5200	3100.0	92	37717	No
13	GOM_NL__2PRFIN20090518_011252_000000552079_00088_37717_5814.N1	18-MAY-2009 01:12:52	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37717	No
14	GOM_NL__2PRFIN20090518_014741_000000502079_00089_37718_5817.N1	18-MAY-2009 01:47:41	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37718	No
15	GOM_NL__2PRFIN20090518_014933_000000522079_00089_37718_5818.N1	18-MAY-2009 01:49:33	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37718	No
16	GOM_NL__2PRFIN20090518_015148_000000512079_00089_37718_5819.N1	18-MAY-2009 01:51:48	Twilight_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	37718	No
17	GOM_NL__2PRFIN20090518_015449_000000632079_00089_37718_5820.N1	18-MAY-2009 01:54:49	Twilight_stray	62.500	16	21Alp Sco	1.0200	3000.0	125	37718	No
18	GOM_NL__2PRFIN20090518_015722_000000432079_00089_37718_5821.N1	18-MAY-2009 01:57:22	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	37718	No
19	GOM_NL__2PRFIN20090518_020034_000000512079_00089_37718_5822.N1	18-MAY-2009 02:00:34	Bright	50.500	98	13Zet Oph	2.5710	30000.	101	37718	No
20	GOM_NL__2PRFIN20090518_020300_000000482079_00089_37718_5823.N1	18-MAY-2009 02:03:00	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	37718	No
21	GOM_NL__2PRFIN20090518_020609_000000432079_00089_37718_5824.N1	18-MAY-2009 02:06:09	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37718	No
22	GOM_NL__2PRFIN20090518_021229_000000412079_00089_37718_5825.N1	18-MAY-2009 02:12:29	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	37718	No
23	GOM_NL__2PRFIN20090518_022328_000000412079_00089_37718_5826.N1	18-MAY-2009 02:23:28	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37718	No
24	GOM_NL__2PRFIN20090518_023424_000000662079_00089_37718_5827.N1	18-MAY-2009 02:34:24	Bright	65.500	89	5Alp Cep	2.4510	8000.0	131	37718	No
25	GOM_NL__2PRFIN20090518_024836_000000612079_00089_37718_5828.N1	18-MAY-2009 02:48:36	Twilight_stray	60.500	93	53Bet Peg	2.5200	3100.0	121	37718	No
26	GOM_NL__2PRFIN20090518_031231_000000472079_00089_37718_5829.N1	18-MAY-2009 03:12:31	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37718	No
27	GOM_NL__2PRFIN20090518_032818_000000492079_00090_37719_5831.N1	18-MAY-2009 03:28:18	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37719	No
28	GOM_NL__2PRFIN20090518_033009_000000502079_00090_37719_5832.N1	18-MAY-2009 03:30:09	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	37719	No
29	GOM_NL__2PRFIN20090518_033224_000000472079_00090_37719_5833.N1	18-MAY-2009 03:32:24	Twilight_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	37719	No
30	GOM_NL__2PRFIN20090518_033526_000000582079_00090_37719_5834.N1	18-MAY-2009 03:35:26	Twilight_stray	58.000	16	21Alp Sco	1.0200	3000.0	116	37719	No
31	GOM_NL__2PRFIN20090518_033758_000000452079_00090_37719_5835.N1	18-MAY-2009 03:37:58	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37719	No
32	GOM_NL__2PRFIN20090518_034110_000000502079_00090_37719_5836.N1	18-MAY-2009 03:41:10	Bright	50.000	98	13Zet Oph	2.5710	30000.	100	37719	No
33	GOM_NL__2PRFIN20090518_034336_000000482079_00090_37719_5837.N1	18-MAY-2009 03:43:36	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	37719	No
34	GOM_NL__2PRFIN20090518_034645_000000432079_00090_37719_5838.N1	18-MAY-2009 03:46:45	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37719	No
35	GOM_NL__2PRFIN20090518_035304_000000422079_00090_37719_5839.N1	18-MAY-2009 03:53:04	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	37719	No
36	GOM_NL__2PRFIN20090518_040403_000000382079_00090_37719_5840.N1	18-MAY-2009 04:04:03	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	37719	No
37	GOM_NL__2PRFIN20090518_041500_000000562079_00090_37719_5841.N1	18-MAY-2009 04:15:00	Bright	56.000	89	5Alp Cep	2.4510	8000.0	112	37719	No
38	GOM_NL__2PRFIN20090518_042913_000000612079_00090_37719_5842.N1	18-MAY-2009 04:29:13	Twilight_stray	60.500	93	53Bet Peg	2.5200	3100.0	121	37719	No
39	GOM_NL__2PRFIN20090518_045308_000000492079_00090_37719_5843.N1	18-MAY-2009 04:53:08	Dark	49.000	172	Gam Gru	3.0030	13100.	98	37719	No
40	GOM_NL__2PRFIN20090518_050854_000000512079_00091_37720_5845.N1	18-MAY-2009 05:08:54	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37720	No
41	GOM_NL__2PRFIN20090518_051046_000000532079_00091_37720_5846.N1	18-MAY-2009 05:10:46	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	37720	No
42	GOM_NL__2PRFIN20090518_051301_000000492079_00091_37720_5847.N1	18-MAY-2009 05:13:01	Twilight_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	37720	No

43	GOM_NL__2PRFIN20090518_051602_000000582079_00091_37720_5848.N1	18-MAY-2009 05:16:02	Twilight	58.000	16	21Alp Sco	1.0200	3000.0	116	37720	No
44	GOM_NL__2PRFIN20090518_051834_000000432079_00091_37720_5849.N1	18-MAY-2009 05:18:34	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	37720	No
45	GOM_NL__2PRFIN20090518_052145_000000502079_00091_37720_5850.N1	18-MAY-2009 05:21:45	Bright	49.500	98	13Zet Oph	2.5710	30000.	99	37720	No
46	GOM_NL__2PRFIN20090518_052412_000000482079_00091_37720_5851.N1	18-MAY-2009 05:24:12	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37720	No
47	GOM_NL__2PRFIN20090518_052721_000000432079_00091_37720_5852.N1	18-MAY-2009 05:27:21	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37720	No
48	GOM_NL__2PRFIN20090518_053340_000000432079_00091_37720_5853.N1	18-MAY-2009 05:33:40	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37720	No
49	GOM_NL__2PRFIN20090518_054439_000000412079_00091_37720_5854.N1	18-MAY-2009 05:44:39	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37720	No
50	GOM_NL__2PRFIN20090518_055535_000000442079_00091_37720_5855.N1	18-MAY-2009 05:55:35	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37720	No
51	GOM_NL__2PRFIN20090518_060949_000000672079_00091_37720_5856.N1	18-MAY-2009 06:09:49	Twilight	66.500	93	53Bet Peg	2.5200	3100.0	133	37720	No
52	GOM_NL__2PRFIN20090518_063345_000000472079_00091_37720_5857.N1	18-MAY-2009 06:33:45	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37720	No
53	GOM_NL__2PRFIN20090518_064931_000000492079_00092_37721_5861.N1	18-MAY-2009 06:49:31	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37721	No
54	GOM_NL__2PRFIN20090518_065123_000000482079_00092_37721_5862.N1	18-MAY-2009 06:51:23	Straylight	48.000	25	35Lam Sco	1.6200	28000.	96	37721	No
55	GOM_NL__2PRFIN20090518_065337_000000502079_00092_37721_5863.N1	18-MAY-2009 06:53:37	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	37721	No
56	GOM_NL__2PRFIN20090518_065638_000000592079_00092_37721_5864.N1	18-MAY-2009 06:56:38	Twilight	59.000	16	21Alp Sco	1.0200	3000.0	118	37721	No
57	GOM_NL__2PRFIN20090518_065910_000000442079_00092_37721_5865.N1	18-MAY-2009 06:59:10	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	37721	No
58	GOM_NL__2PRFIN20090518_070221_000000482079_00092_37721_5866.N1	18-MAY-2009 07:02:21	Bright	48.000	98	13Zet Oph	2.5710	30000.	96	37721	No
59	GOM_NL__2PRFIN20090518_070448_000000472079_00092_37721_5867.N1	18-MAY-2009 07:04:48	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	37721	No
60	GOM_NL__2PRFIN20090518_070756_000000432079_00092_37721_5868.N1	18-MAY-2009 07:07:56	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37721	No
61	GOM_NL__2PRFIN20090518_071416_000000422079_00092_37721_5869.N1	18-MAY-2009 07:14:16	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	37721	No
62	GOM_NL__2PRFIN20090518_072514_000000422079_00092_37721_5870.N1	18-MAY-2009 07:25:14	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37721	No
63	GOM_NL__2PRFIN20090518_073611_000000442079_00092_37721_5871.N1	18-MAY-2009 07:36:11	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37721	No
64	GOM_NL__2PRFIN20090518_075025_000000632079_00092_37721_5872.N1	18-MAY-2009 07:50:25	Twilight	63.000	93	53Bet Peg	2.5200	3100.0	126	37721	No
65	GOM_NL__2PRFIN20090518_081422_000000472079_00092_37721_5873.N1	18-MAY-2009 08:14:22	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37721	No
66	GOM_NL__2PRFIN20090518_083007_000000492079_00093_37722_5875.N1	18-MAY-2009 08:30:07	Straylight	48.500	40	The Sco	1.8590	7100.0	97	37722	No
67	GOM_NL__2PRFIN20090518_083159_000000562079_00093_37722_5876.N1	18-MAY-2009 08:31:59	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	37722	No
68	GOM_NL__2PRFIN20090518_083414_000000522079_00093_37722_5877.N1	18-MAY-2009 08:34:14	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	37722	No
69	GOM_NL__2PRFIN20090518_083715_000000592079_00093_37722_5878.N1	18-MAY-2009 08:37:15	Twilight	58.500	16	21Alp Sco	1.0200	3000.0	117	37722	No
70	GOM_NL__2PRFIN20090518_083947_000000552079_00093_37722_5879.N1	18-MAY-2009 08:39:47	Bright	54.500	97	8Bet1Sco	2.5610	30000.	109	37722	No
71	GOM_NL__2PRFIN20090518_084257_000000502079_00093_37722_5880.N1	18-MAY-2009 08:42:57	Bright	50.000	98	13Zet Oph	2.5710	30000.	100	37722	No
72	GOM_NL__2PRFIN20090518_084524_000000472079_00093_37722_5881.N1	18-MAY-2009 08:45:24	Bright	46.500	120	1Del Oph	2.7340	3200.0	93	37722	No
73	GOM_NL__2PRFIN20090518_084832_000000422079_00093_37722_5882.N1	18-MAY-2009 08:48:32	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	37722	No
74	GOM_NL__2PRFIN20090518_085451_000000442079_00093_37722_5883.N1	18-MAY-2009 08:54:51	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37722	No
75	GOM_NL__2PRFIN20090518_090550_000000392079_00093_37722_5884.N1	18-MAY-2009 09:05:50	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37722	No
76	GOM_NL__2PRFIN20090518_091646_000000442079_00093_37722_5885.N1	18-MAY-2009 09:16:46	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37722	No
77	GOM_NL__2PRFIN20090518_093101_000000662079_00093_37722_5886.N1	18-MAY-2009 09:31:01	Twilight	66.000	93	53Bet Peg	2.5200	3100.0	132	37722	No
78	GOM_NL__2PRFIN20090518_095459_000000482079_00093_37722_5887.N1	18-MAY-2009 09:54:59	Dark	47.500	172	Gam Gru	3.0030	13100.	95	37722	No
79	GOM_NL__2PRFIN20090518_101044_000000522079_00094_37723_5883.N1	18-MAY-2009 10:10:44	Straylight	51.500	40	The Sco	1.8590	7100.0	103	37723	No
80	GOM_NL__2PRFIN20090518_101236_000000522079_00094_37723_5884.N1	18-MAY-2009 10:12:36	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	37723	No
81	GOM_NL__2PRFIN20090518_101450_000000532079_00094_37723_5885.N1	18-MAY-2009 10:14:50	Twilight	52.500	75	26Eps Sco	2.2910	4250.0	105	37723	No
82	GOM_NL__2PRFIN20090518_101751_000000552079_00094_37723_5886.N1	18-MAY-2009 10:17:51	Twilight	54.500	16	21Alp Sco	1.0200	3000.0	109	37723	No
83	GOM_NL__2PRFIN20090518_102022_000000452079_00094_37723_5887.N1	18-MAY-2009 10:20:22	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37723	No
84	GOM_NL__2PRFIN20090518_102333_000000502079_00094_37723_5888.N1	18-MAY-2009 10:23:33	Bright	50.000	98	13Zet Oph	2.5710	30000.	100	37723	No
85	GOM_NL__2PRFIN20090518_102559_000000482079_00094_37723_5889.N1	18-MAY-2009 10:25:59	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37723	No
86	GOM_NL__2PRFIN20090518_102908_000000422079_00094_37723_5890.N1	18-MAY-2009 10:29:08	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37723	No
87	GOM_NL__2PRFIN20090518_103527_000000432079_00094_37723_5891.N1	18-MAY-2009 10:35:27	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37723	No
88	GOM_NL__2PRFIN20090518_104625_000000422079_00094_37723_5892.N1	18-MAY-2009 10:46:25	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37723	No
89	GOM_NL__2PRFIN20090518_105722_000000442079_00094_37723_5893.N1	18-MAY-2009 10:57:22	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37723	No
90	GOM_NL__2PRFIN20090518_111137_000000622079_00094_37723_5894.N1	18-MAY-2009 11:11:37	Twilight	61.500	93	53Bet Peg	2.5200	3100.0	123	37723	No
91	GOM_NL__2PRFIN20090518_113536_000000462079_00094_37723_5895.N1	18-MAY-2009 11:35:36	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37723	No
92	GOM_NL__2PRFIN20090518_115120_000000482079_00095_37724_5912.N1	18-MAY-2009 11:51:20	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37724	No
93	GOM_NL__2PRFIN20090518_115312_000000502079_00095_37724_5913.N1	18-MAY-2009 11:53:12	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	37724	No
94	GOM_NL__2PRFIN20090518_115526_000000492079_00095_37724_5914.N1	18-MAY-2009 11:55:26	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	37724	No
95	GOM_NL__2PRFIN20090518_115827_000000612079_00095_37724_5915.N1	18-MAY-2009 11:58:27	Twilight	61.000	16	21Alp Sco	1.0200	3000.0	122	37724	No
96	GOM_NL__2PRFIN20090518_120058_000000442079_00095_37724_5916.N1	18-MAY-2009 12:00:58	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37724	No
97	GOM_NL__2PRFIN20090518_120409_000000512079_00095_37724_5917.N1	18-MAY-2009 12:04:09	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	37724	No
98	GOM_NL__2PRFIN20090518_120635_000000472079_00095_37724_5918.N1	18-MAY-2009 12:06:35	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	37724	No
99	GOM_NL__2PRFIN20090518_120943_000000412079_00095_37724_5919.N1	18-MAY-2009 12:09:43	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	37724	No
100	GOM_NL__2PRFIN20090518_121602_000000392079_00095_37724_5920.N1	18-MAY-2009 12:16:02	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	37724	No
101	GOM_NL__2PRFIN20090518_122701_000000422079_00095_37724_5921.N1	18-MAY-2009 12:27:01	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37724	No

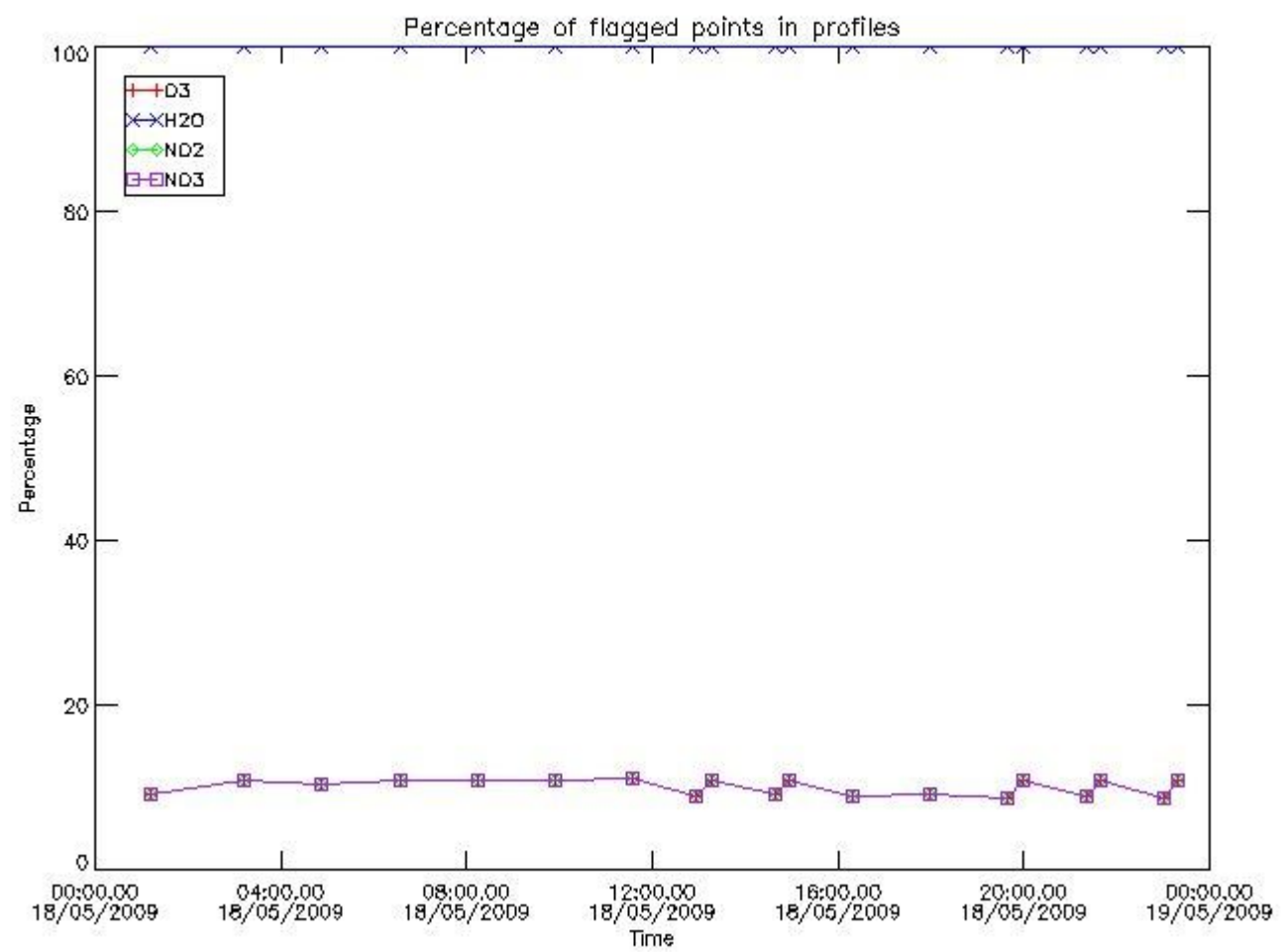
102	GOM_NL__2PRFIN20090518_123757_000000442079_00095_37724_5922.N1	18-MAY-2009 12:37:57	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37724	No
103	GOM_NL__2PRFIN20090518_125213_000000652079_00095_37724_5923.N1	18-MAY-2009 12:52:13	Twilight	65.000	93	53Bet Peg	2.5200	3100.0	130	37724	No
104	GOM_NL__2PRFIN20090518_125708_000000572079_00095_37724_5924.N1	18-MAY-2009 12:57:08	Dark	56.500	90	54Alp Peg	2.4870	11000.	113	37724	No
105	GOM_NL__2PRFIN20090518_131613_000000472079_00095_37724_5925.N1	18-MAY-2009 13:16:13	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37724	No
106	GOM_NL__2PRFIN20090518_133157_000000502079_00096_37725_5920.N1	18-MAY-2009 13:31:57	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37725	No
107	GOM_NL__2PRFIN20090518_133349_000000472079_00096_37725_5921.N1	18-MAY-2009 13:33:49	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	37725	No
108	GOM_NL__2PRFIN20090518_133602_000000512079_00096_37725_5922.N1	18-MAY-2009 13:36:02	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	37725	No
109	GOM_NL__2PRFIN20090518_133903_000000542079_00096_37725_5923.N1	18-MAY-2009 13:39:03	Twilight	53.500	16	21Alp Sco	1.0200	3000.0	107	37725	No
110	GOM_NL__2PRFIN20090518_134134_000000462079_00096_37725_5924.N1	18-MAY-2009 13:41:34	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	37725	No
111	GOM_NL__2PRFIN20090518_134445_000000492079_00096_37725_5925.N1	18-MAY-2009 13:44:45	Bright	49.000	98	13Zet Oph	2.5710	30000.	98	37725	No
112	GOM_NL__2PRFIN20090518_134711_000000472079_00096_37725_5926.N1	18-MAY-2009 13:47:11	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	37725	No
113	GOM_NL__2PRFIN20090518_135019_000000422079_00096_37725_5927.N1	18-MAY-2009 13:50:19	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37725	No
114	GOM_NL__2PRFIN20090518_135638_000000412079_00096_37725_5928.N1	18-MAY-2009 13:56:38	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	37725	No
115	GOM_NL__2PRFIN20090518_140736_000000412079_00096_37725_5929.N1	18-MAY-2009 14:07:36	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37725	No
116	GOM_NL__2PRFIN20090518_141832_000000442079_00096_37725_5930.N1	18-MAY-2009 14:18:32	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37725	No
117	GOM_NL__2PRFIN20090518_143249_000000612079_00096_37725_5931.N1	18-MAY-2009 14:32:49	Twilight	61.000	93	53Bet Peg	2.5200	3100.0	122	37725	No
118	GOM_NL__2PRFIN20090518_143745_000000552079_00096_37725_5932.N1	18-MAY-2009 14:37:45	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37725	No
119	GOM_NL__2PRFIN20090518_145650_000000472079_00096_37725_5933.N1	18-MAY-2009 14:56:50	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37725	No
120	GOM_NL__2PRFIN20090518_151234_000000492079_00097_37726_5951.N1	18-MAY-2009 15:12:34	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37726	No
121	GOM_NL__2PRFIN20090518_151425_000000522079_00097_37726_5952.N1	18-MAY-2009 15:14:25	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37726	No
122	GOM_NL__2PRFIN20090518_151639_000000512079_00097_37726_5953.N1	18-MAY-2009 15:16:39	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	37726	No
123	GOM_NL__2PRFIN20090518_151939_000000582079_00097_37726_5954.N1	18-MAY-2009 15:19:39	Twilight	58.000	16	21Alp Sco	1.0200	3000.0	116	37726	No
124	GOM_NL__2PRFIN20090518_152211_000000442079_00097_37726_5955.N1	18-MAY-2009 15:22:11	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37726	No
125	GOM_NL__2PRFIN20090518_152521_000000502079_00097_37726_5956.N1	18-MAY-2009 15:25:21	Bright	49.500	98	13Zet Oph	2.5710	30000.	99	37726	No
126	GOM_NL__2PRFIN20090518_152747_000000482079_00097_37726_5957.N1	18-MAY-2009 15:27:47	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37726	No
127	GOM_NL__2PRFIN20090518_153055_000000422079_00097_37726_5958.N1	18-MAY-2009 15:30:55	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37726	No
128	GOM_NL__2PRFIN20090518_153713_000000412079_00097_37726_5959.N1	18-MAY-2009 15:37:13	Bright	41.000	67	5Alp CrB	2.2210	11000.	82	37726	No
129	GOM_NL__2PRFIN20090518_154812_000000402079_00097_37726_5960.N1	18-MAY-2009 15:48:12	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37726	No
130	GOM_NL__2PRFIN20090518_155908_000000662079_00097_37726_5961.N1	18-MAY-2009 15:59:08	Bright	66.000	89	5Alp Cep	2.4510	8000.0	132	37726	No
131	GOM_NL__2PRFIN20090518_161326_000000642079_00097_37726_5962.N1	18-MAY-2009 16:13:26	Twilight	64.000	93	53Bet Peg	2.5200	3100.0	128	37726	No
132	GOM_NL__2PRFIN20090518_161821_000000572079_00097_37726_5963.N1	18-MAY-2009 16:18:21	Dark	57.000	90	54Alp Peg	2.4870	11000.	114	37726	No
133	GOM_NL__2PRFIN20090518_165310_000000522079_00098_37727_5966.N1	18-MAY-2009 16:53:10	Straylight	52.000	40	The Sco	1.8590	7100.0	104	37727	No
134	GOM_NL__2PRFIN20090518_165502_000000522079_00098_37727_5967.N1	18-MAY-2009 16:55:02	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37727	No
135	GOM_NL__2PRFIN20090518_165715_000000512079_00098_37727_5968.N1	18-MAY-2009 16:57:15	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	37727	No
136	GOM_NL__2PRFIN20090518_170015_000000622079_00098_37727_5969.N1	18-MAY-2009 17:00:15	Twilight	61.500	16	21Alp Sco	1.0200	3000.0	123	37727	No
137	GOM_NL__2PRFIN20090518_170247_000000452079_00098_37727_5970.N1	18-MAY-2009 17:02:47	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37727	No
138	GOM_NL__2PRFIN20090518_170557_000000502079_00098_37727_5971.N1	18-MAY-2009 17:05:57	Bright	49.500	98	13Zet Oph	2.5710	30000.	99	37727	No
139	GOM_NL__2PRFIN20090518_170822_000000472079_00098_37727_5972.N1	18-MAY-2009 17:08:22	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	37727	No
140	GOM_NL__2PRFIN20090518_171130_000000422079_00098_37727_5973.N1	18-MAY-2009 17:11:30	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37727	No
141	GOM_NL__2PRFIN20090518_171749_000000412079_00098_37727_5974.N1	18-MAY-2009 17:17:49	Bright	41.000	67	5Alp CrB	2.2210	11000.	82	37727	No
142	GOM_NL__2PRFIN20090518_172847_000000412079_00098_37727_5975.N1	18-MAY-2009 17:28:47	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37727	No
143	GOM_NL__2PRFIN20090518_173944_000000422079_00098_37727_5976.N1	18-MAY-2009 17:39:44	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	37727	No
144	GOM_NL__2PRFIN20090518_175402_000000662079_00098_37727_5977.N1	18-MAY-2009 17:54:02	Twilight	66.000	93	53Bet Peg	2.5200	3100.0	132	37727	No
145	GOM_NL__2PRFIN20090518_175858_000000552079_00098_37727_5978.N1	18-MAY-2009 17:58:58	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37727	No
146	GOM_NL__2PRFIN20090518_183346_000000532079_00099_37728_5974.N1	18-MAY-2009 18:33:46	Straylight	52.500	40	The Sco	1.8590	7100.0	105	37728	No
147	GOM_NL__2PRFIN20090518_183538_000000522079_00099_37728_5975.N1	18-MAY-2009 18:35:38	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37728	No
148	GOM_NL__2PRFIN20090518_183752_000000522079_00099_37728_5976.N1	18-MAY-2009 18:37:52	Twilight	52.000	75	26Eps Sco	2.2910	4250.0	104	37728	No
149	GOM_NL__2PRFIN20090518_184052_000000582079_00099_37728_5977.N1	18-MAY-2009 18:40:52	Twilight	58.000	16	21Alp Sco	1.0200	3000.0	116	37728	No
150	GOM_NL__2PRFIN20090518_184323_000000452079_00099_37728_5978.N1	18-MAY-2009 18:43:23	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37728	No
151	GOM_NL__2PRFIN20090518_184633_000000512079_00099_37728_5979.N1	18-MAY-2009 18:46:33	Bright	50.500	98	13Zet Oph	2.5710	30000.	101	37728	No
152	GOM_NL__2PRFIN20090518_184858_000000472079_00099_37728_5980.N1	18-MAY-2009 18:48:58	Bright	46.500	120	1Del Oph	2.7340	3200.0	93	37728	No
153	GOM_NL__2PRFIN20090518_185206_000000422079_00099_37728_5981.N1	18-MAY-2009 18:52:06	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37728	No
154	GOM_NL__2PRFIN20090518_185825_000000412079_00099_37728_5982.N1	18-MAY-2009 18:58:25	Bright	41.000	67	5Alp CrB	2.2210	11000.	82	37728	No
155	GOM_NL__2PRFIN20090518_190923_000000402079_00099_37728_5983.N1	18-MAY-2009 19:09:23	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37728	No
156	GOM_NL__2PRFIN20090518_192019_000000442079_00099_37728_5984.N1	18-MAY-2009 19:20:19	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37728	No
157	GOM_NL__2PRFIN20090518_193935_000000602079_00099_37728_5985.N1	18-MAY-2009 19:39:35	Dark	59.500	90	54Alp Peg	2.4870	11000.	119	37728	No
158	GOM_NL__2PRFIN20090518_195841_000000472079_00099_37728_5986.N1	18-MAY-2009 19:58:41	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37728	No
159	GOM_NL__2PRFIN20090518_201423_000000492079_00100_37729_5985.N1	18-MAY-2009 20:14:23	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37729	No
160	GOM_NL__2PRFIN20090518_201615_000000512079_00100_37729_5986.N1	18-MAY-2009 20:16:15	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37729	No

161	GOM_NL__2PRFIN20090518_201828_000000512079_00100_37729_5987.N1	18-MAY-2009 20:18:28	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	37729	No
162	GOM_NL__2PRFIN20090518_202128_000000592079_00100_37729_5988.N1	18-MAY-2009 20:21:28	Twilight	58.500	16	21Alp Sco	1.0200	3000.0	117	37729	No
163	GOM_NL__2PRFIN20090518_202359_000000442079_00100_37729_5989.N1	18-MAY-2009 20:23:59	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37729	No
164	GOM_NL__2PRFIN20090518_202708_000000492079_00100_37729_5990.N1	18-MAY-2009 20:27:08	Bright	49.000	98	13Zet Oph	2.5710	30000.	98	37729	No
165	GOM_NL__2PRFIN20090518_202934_000000472079_00100_37729_5991.N1	18-MAY-2009 20:29:34	Bright	46.500	120	1Del Oph	2.7340	3200.0	93	37729	No
166	GOM_NL__2PRFIN20090518_203242_000000422079_00100_37729_5992.N1	18-MAY-2009 20:32:42	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37729	No
167	GOM_NL__2PRFIN20090518_203900_000000432079_00100_37729_5993.N1	18-MAY-2009 20:39:00	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37729	No
168	GOM_NL__2PRFIN20090518_204958_000000412079_00100_37729_5994.N1	18-MAY-2009 20:49:58	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37729	No
169	GOM_NL__2PRFIN20090518_210055_000000452079_00100_37729_5995.N1	18-MAY-2009 21:00:55	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	37729	No
170	GOM_NL__2PRFIN20090518_212011_000000562079_00100_37729_5996.N1	18-MAY-2009 21:20:11	Dark	56.000	90	54Alp Peg	2.4870	11000.	112	37729	No
171	GOM_NL__2PRFIN20090518_213918_000000472079_00100_37729_5997.N1	18-MAY-2009 21:39:18	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37729	No
172	GOM_NL__2PRFIN20090518_215500_000000532079_00101_37730_6016.N1	18-MAY-2009 21:55:00	Straylight	53.000	40	The Sco	1.8590	7100.0	106	37730	No
173	GOM_NL__2PRFIN20090518_215651_000000522079_00101_37730_6017.N1	18-MAY-2009 21:56:51	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37730	No
174	GOM_NL__2PRFIN20090518_215904_000000502079_00101_37730_6018.N1	18-MAY-2009 21:59:04	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	37730	No
175	GOM_NL__2PRFIN20090518_220204_000000632079_00101_37730_6019.N1	18-MAY-2009 22:02:04	Twilight	63.000	16	21Alp Sco	1.0200	3000.0	126	37730	No
176	GOM_NL__2PRFIN20090518_220435_000000432079_00101_37730_6020.N1	18-MAY-2009 22:04:35	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	37730	No
177	GOM_NL__2PRFIN20090518_220744_000000512079_00101_37730_6021.N1	18-MAY-2009 22:07:44	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	37730	No
178	GOM_NL__2PRFIN20090518_221010_000000472079_00101_37730_6022.N1	18-MAY-2009 22:10:10	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	37730	No
179	GOM_NL__2PRFIN20090518_221318_000000422079_00101_37730_6023.N1	18-MAY-2009 22:13:18	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37730	No
180	GOM_NL__2PRFIN20090518_221935_000000402079_00101_37730_6024.N1	18-MAY-2009 22:19:35	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	37730	No
181	GOM_NL__2PRFIN20090518_223033_000000412079_00101_37730_6025.N1	18-MAY-2009 22:30:33	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37730	No
182	GOM_NL__2PRFIN20090518_224130_000000432079_00101_37730_6026.N1	18-MAY-2009 22:41:30	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37730	No
183	GOM_NL__2PRFIN20090518_230048_000000582079_00101_37730_6027.N1	18-MAY-2009 23:00:48	Dark	58.000	90	54Alp Peg	2.4870	11000.	116	37730	No
184	GOM_NL__2PRFIN20090518_231955_000000472079_00101_37730_6028.N1	18-MAY-2009 23:19:55	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37730	No
185	GOM_NL__2PRFIN20090518_233536_000000492079_00102_37731_6035.N1	18-MAY-2009 23:35:36	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37731	No
186	GOM_NL__2PRFIN20090518_233728_000000532079_00102_37731_6036.N1	18-MAY-2009 23:37:28	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37731	No
187	GOM_NL__2PRFIN20090518_233941_000000522079_00102_37731_6037.N1	18-MAY-2009 23:39:41	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	37731	No
188	GOM_NL__2PRFIN20090518_234240_000000632079_00102_37731_6038.N1	18-MAY-2009 23:42:40	Twilight	63.000	16	21Alp Sco	1.0200	3000.0	126	37731	No
189	GOM_NL__2PRFIN20090518_234511_000000442079_00102_37731_6039.N1	18-MAY-2009 23:45:11	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	37731	No
190	GOM_NL__2PRFIN20090518_234820_000000502079_00102_37731_6040.N1	18-MAY-2009 23:48:20	Bright	49.500	98	13Zet Oph	2.5710	30000.	99	37731	No
191	GOM_NL__2PRFIN20090518_235045_000000472079_00102_37731_6041.N1	18-MAY-2009 23:50:45	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	37731	No
192	GOM_NL__2PRFIN20090518_235353_000000422079_00102_37731_6042.N1	18-MAY-2009 23:53:53	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37731	No

3. Quality information per product

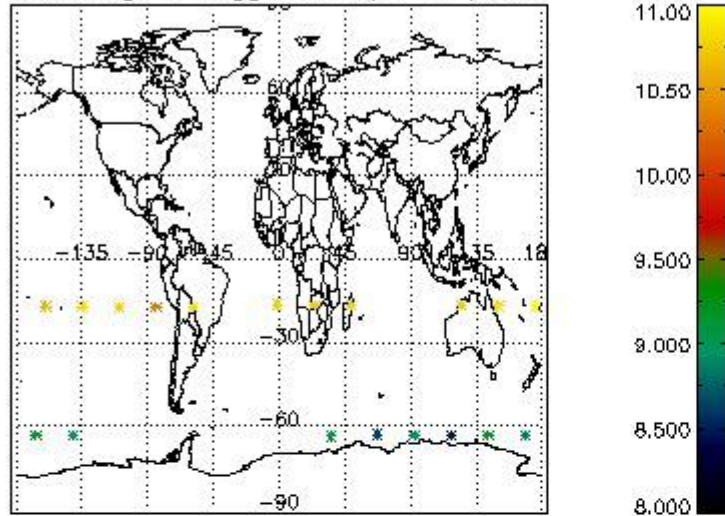
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

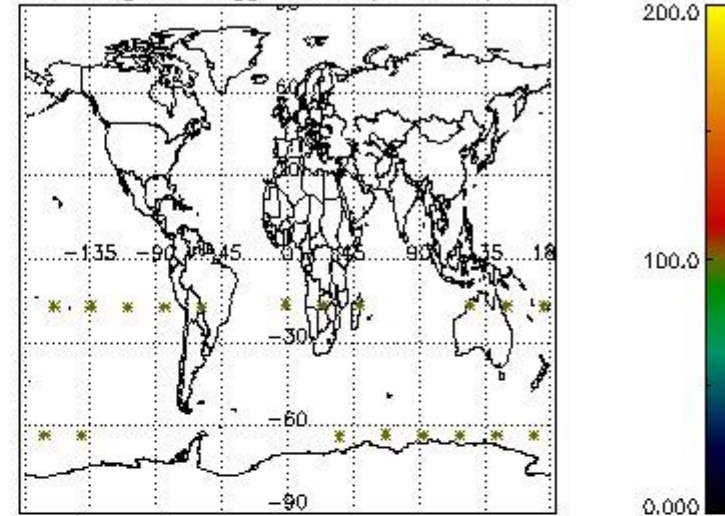


3.2 Plot quality information per product (world map)

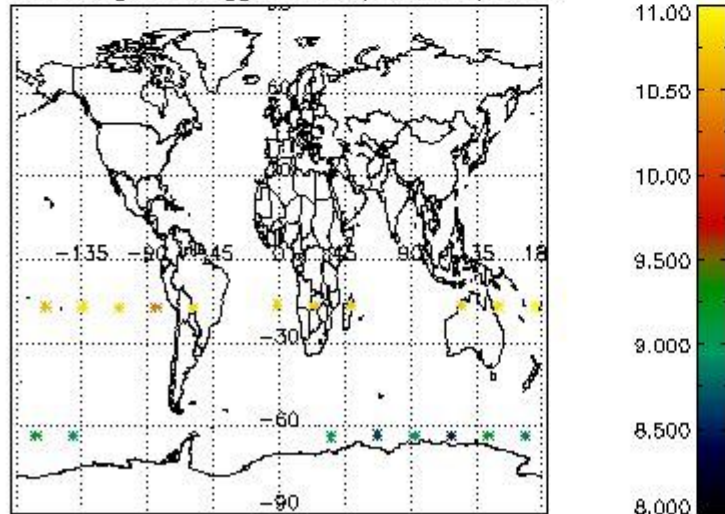
Percentage of flagged data per O3 profile



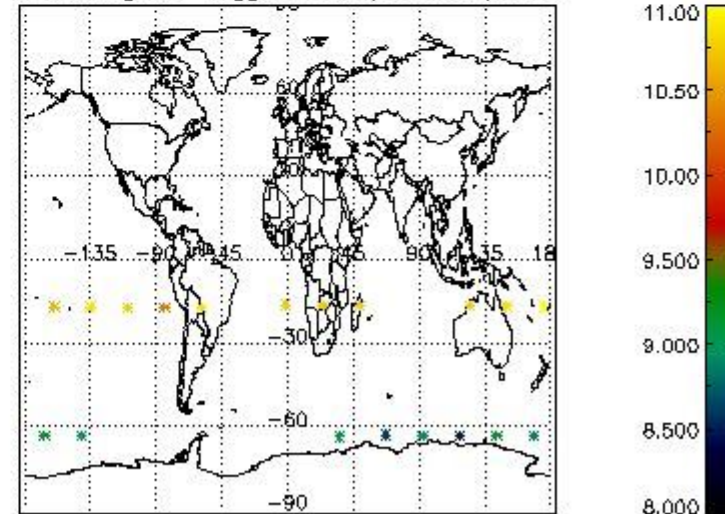
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

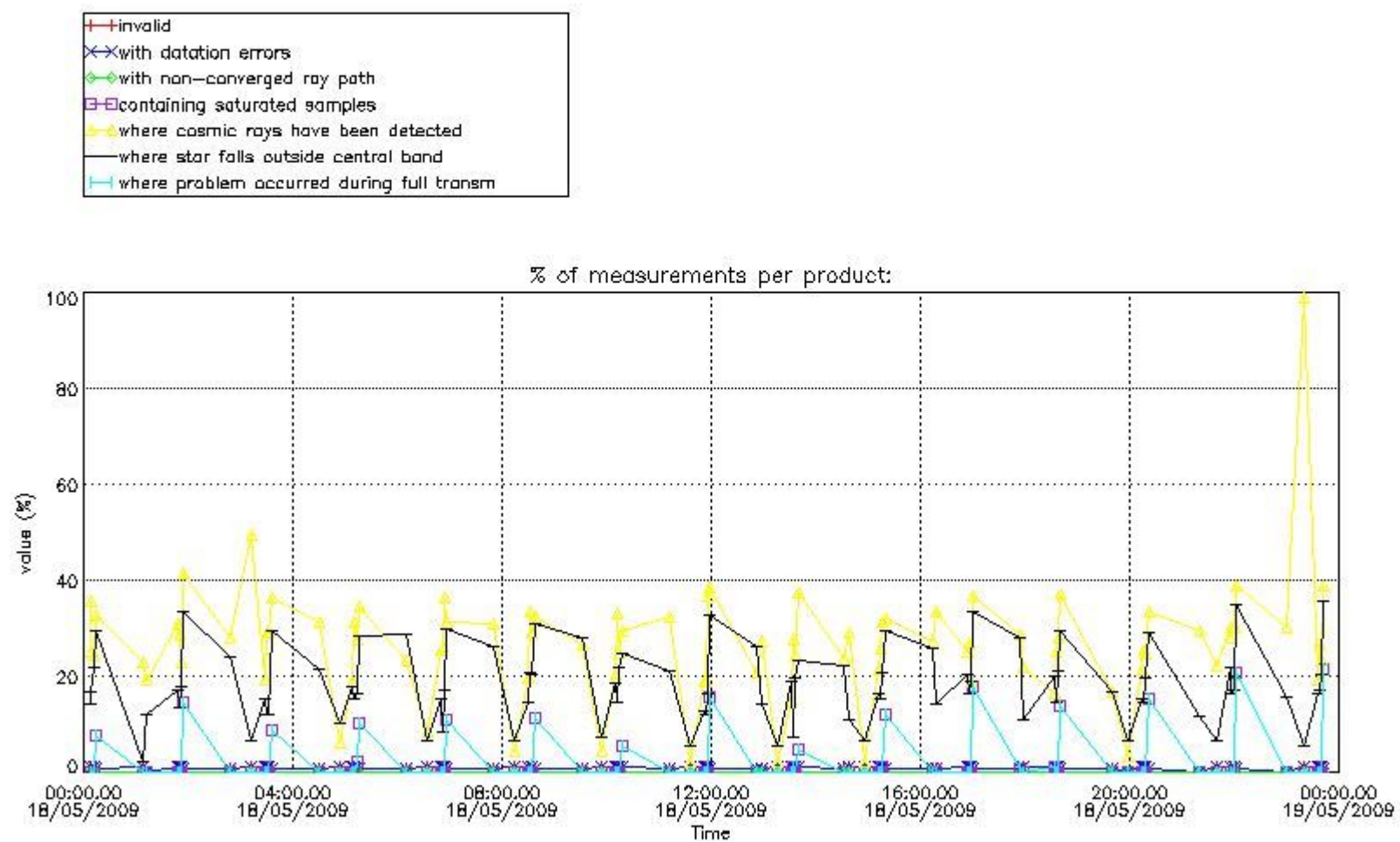


4. Level 1 quality information per product

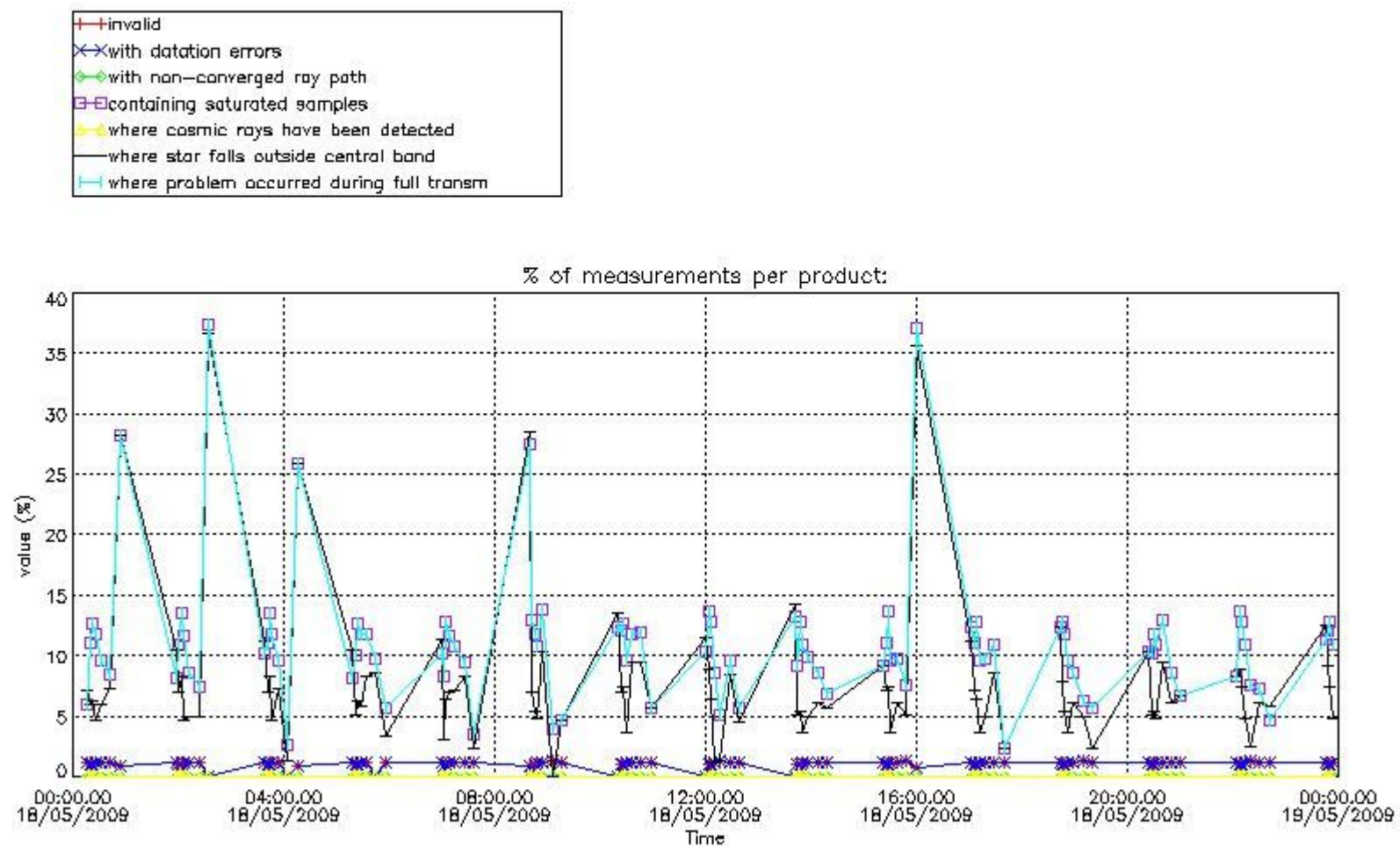
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

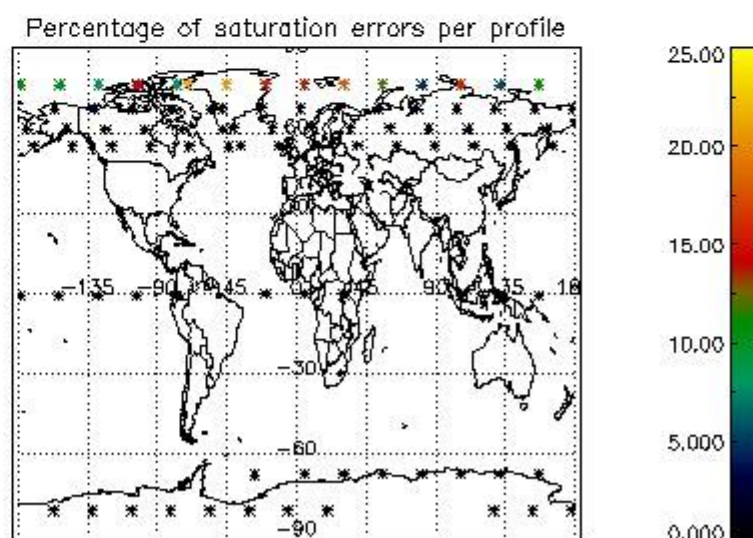
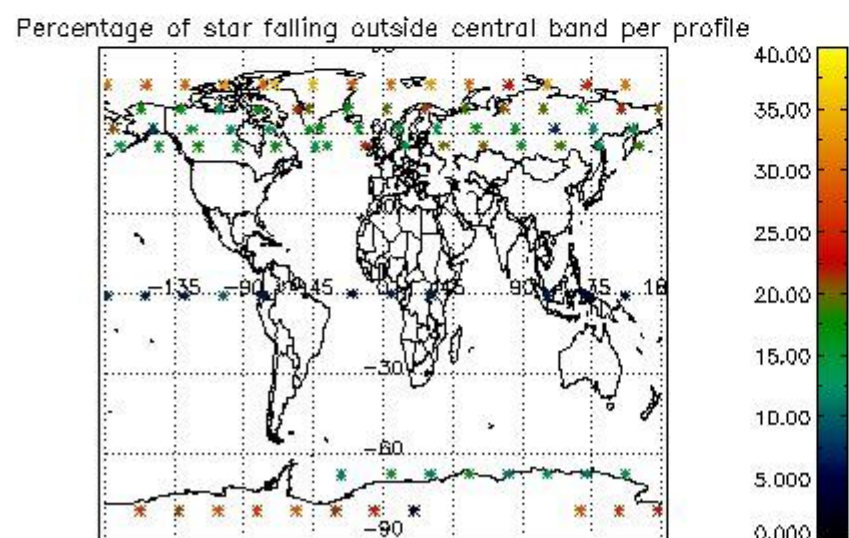
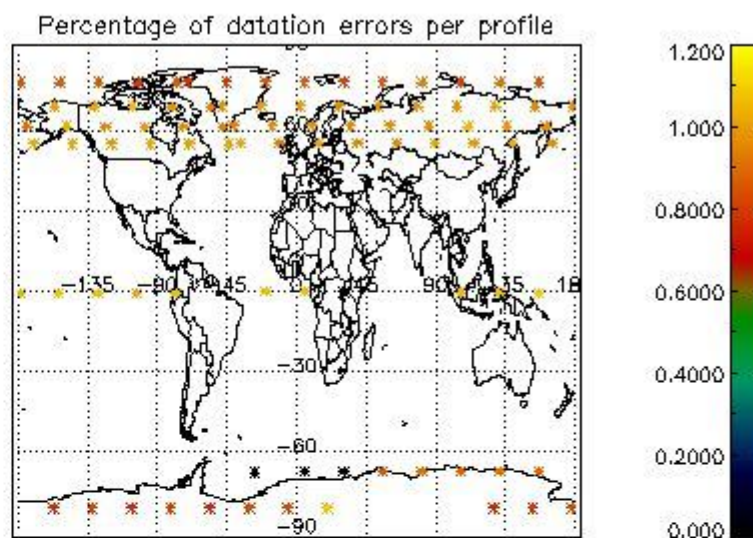
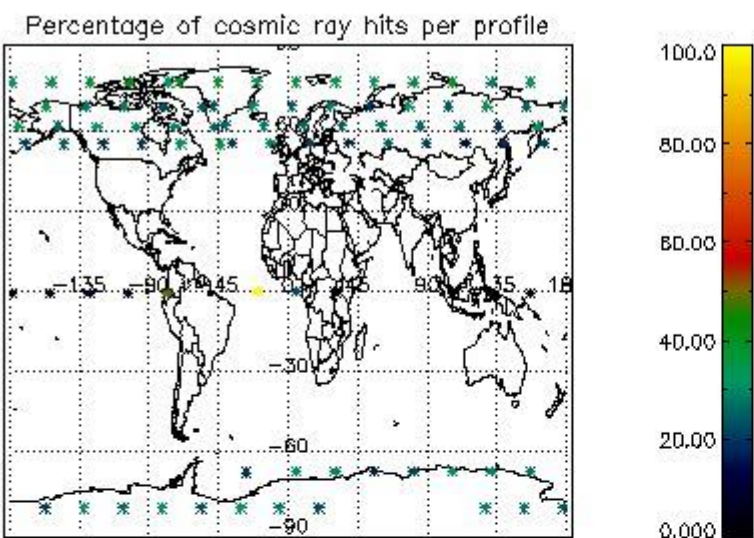


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

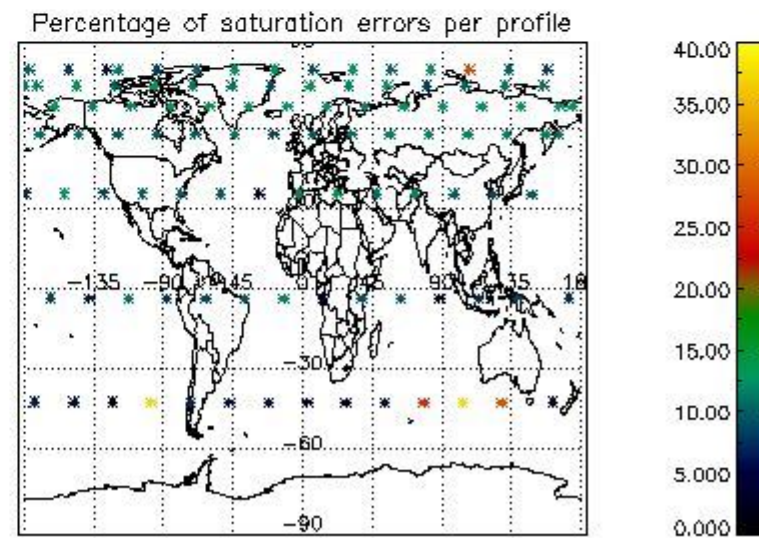
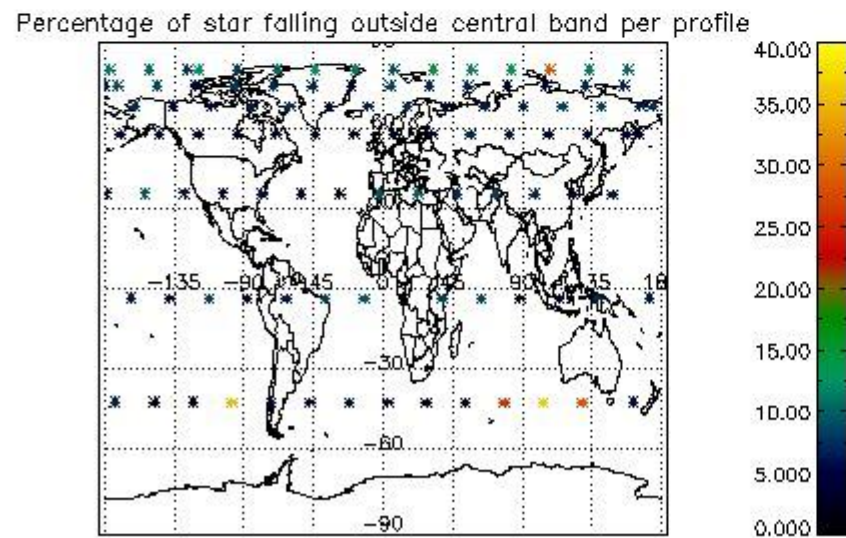
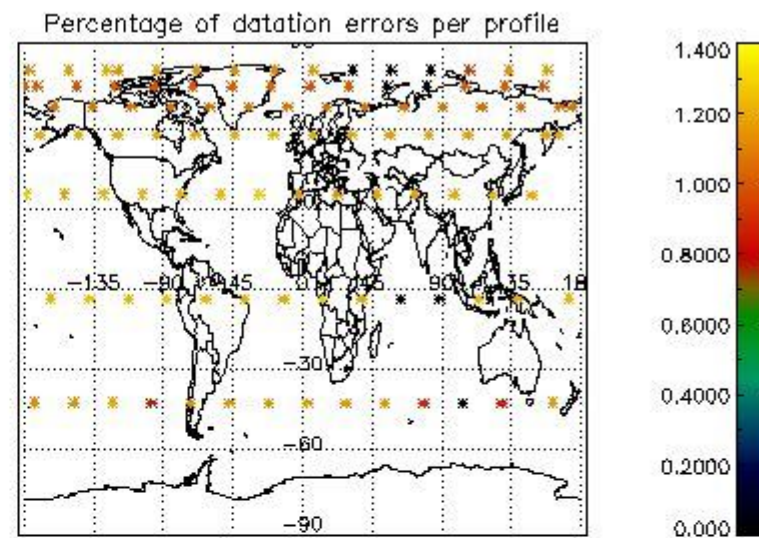
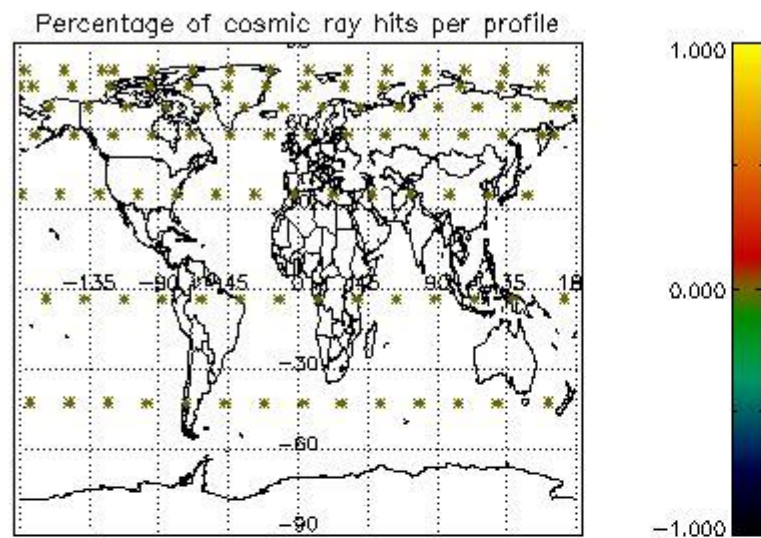


4.2 Plot quality information per product coming from level 1b processing (world map)

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

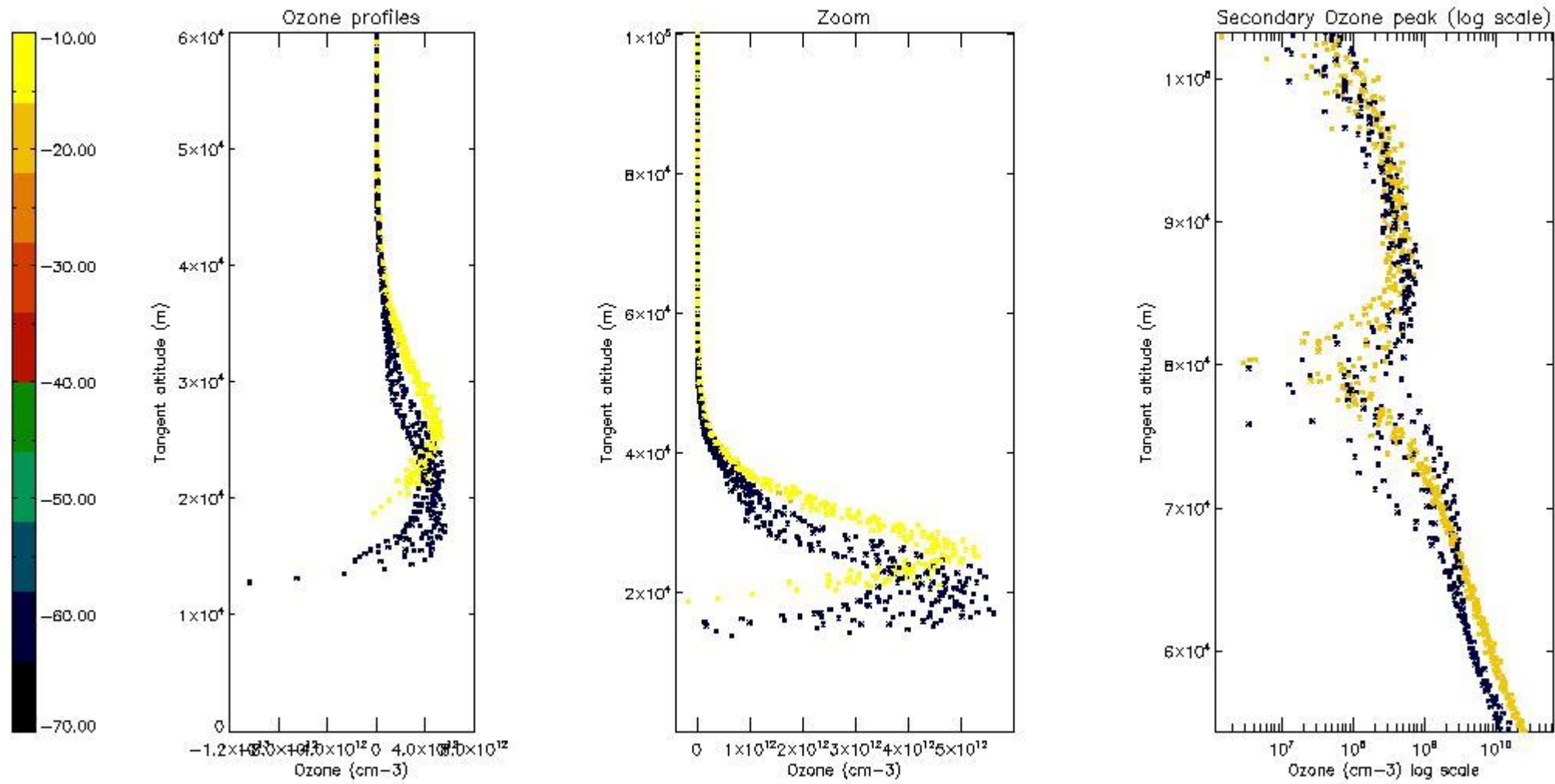
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	11
STD < 20	6

STD < 10	5
STD < 5	2

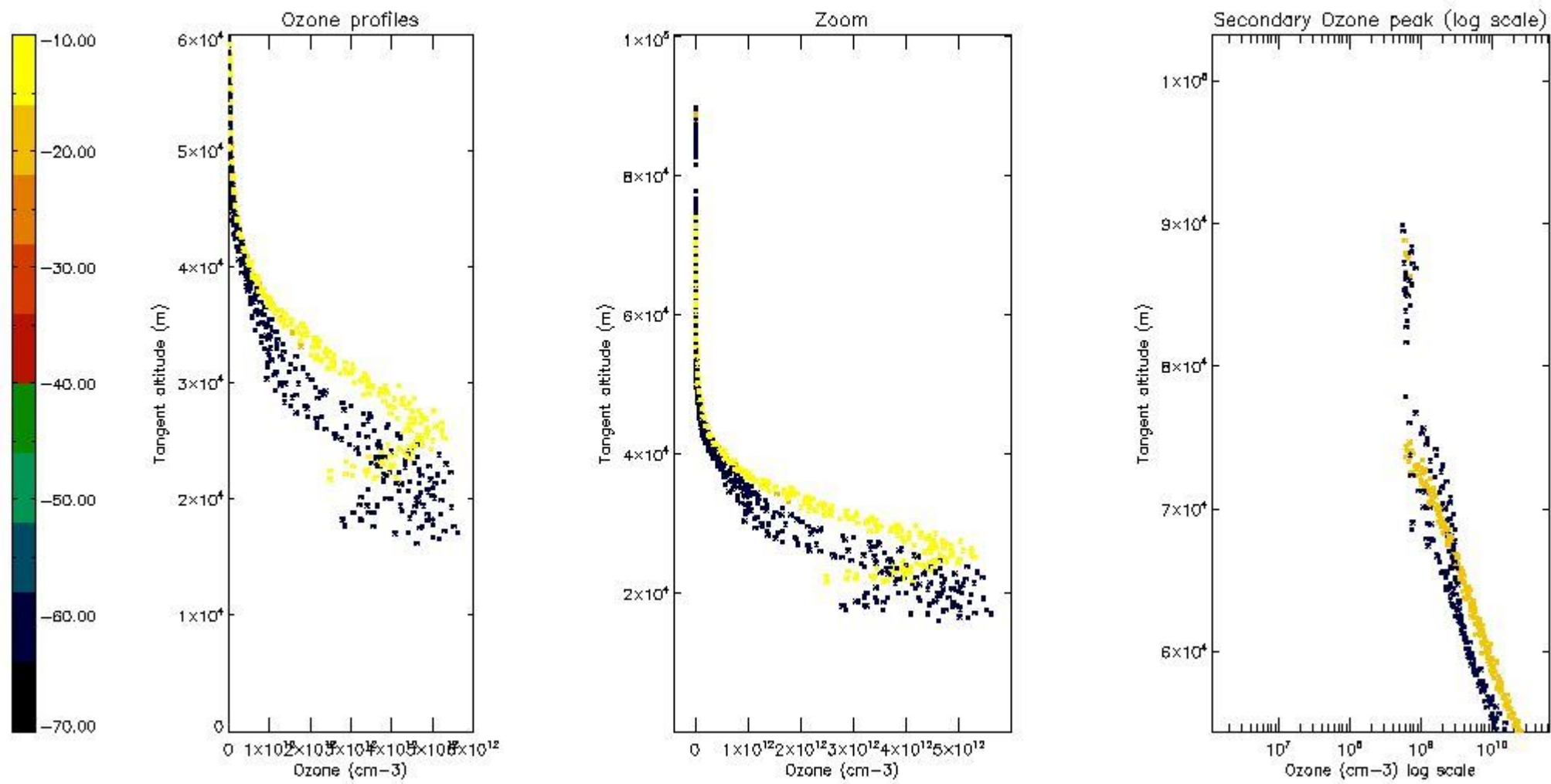
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



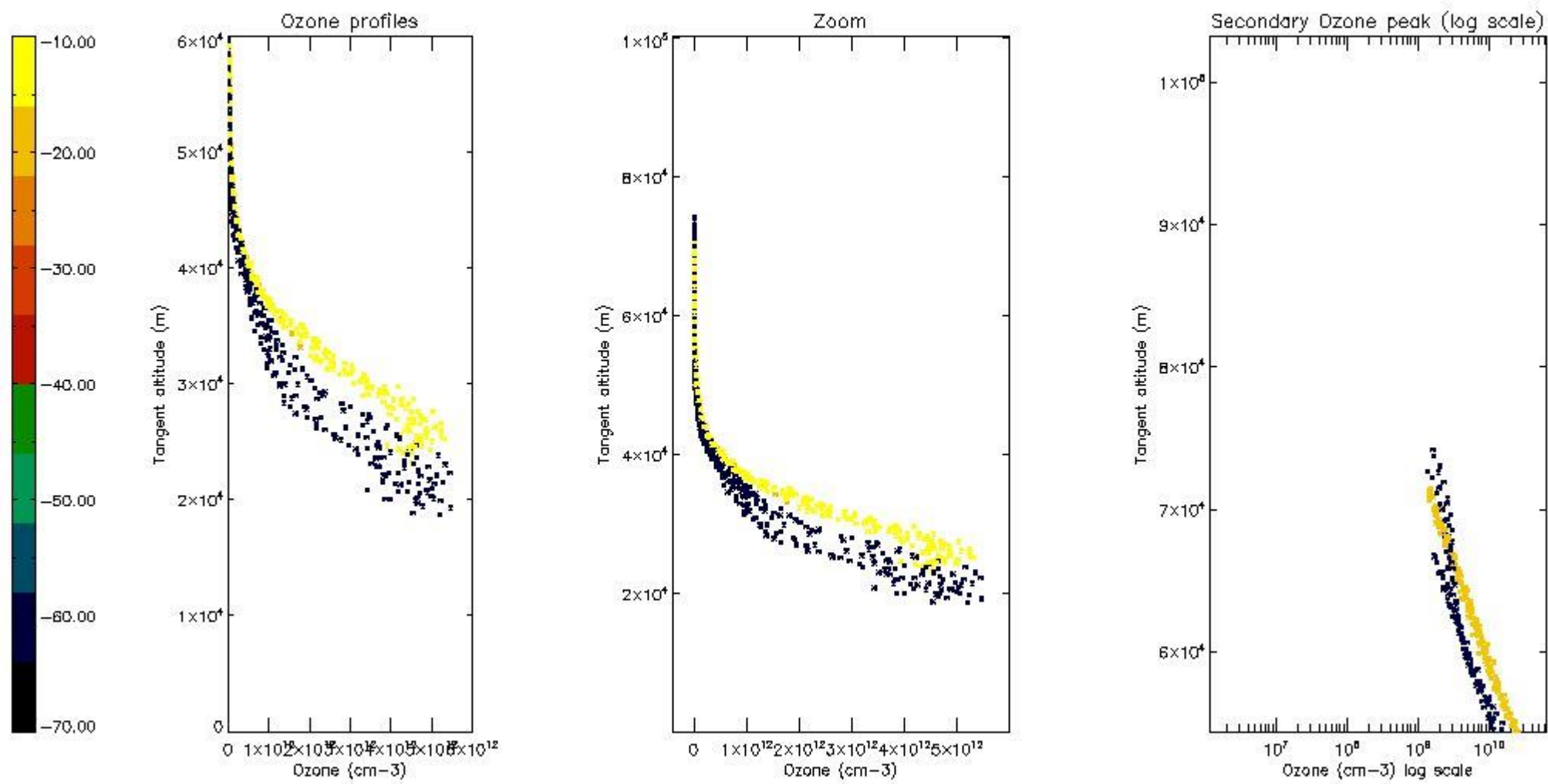
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



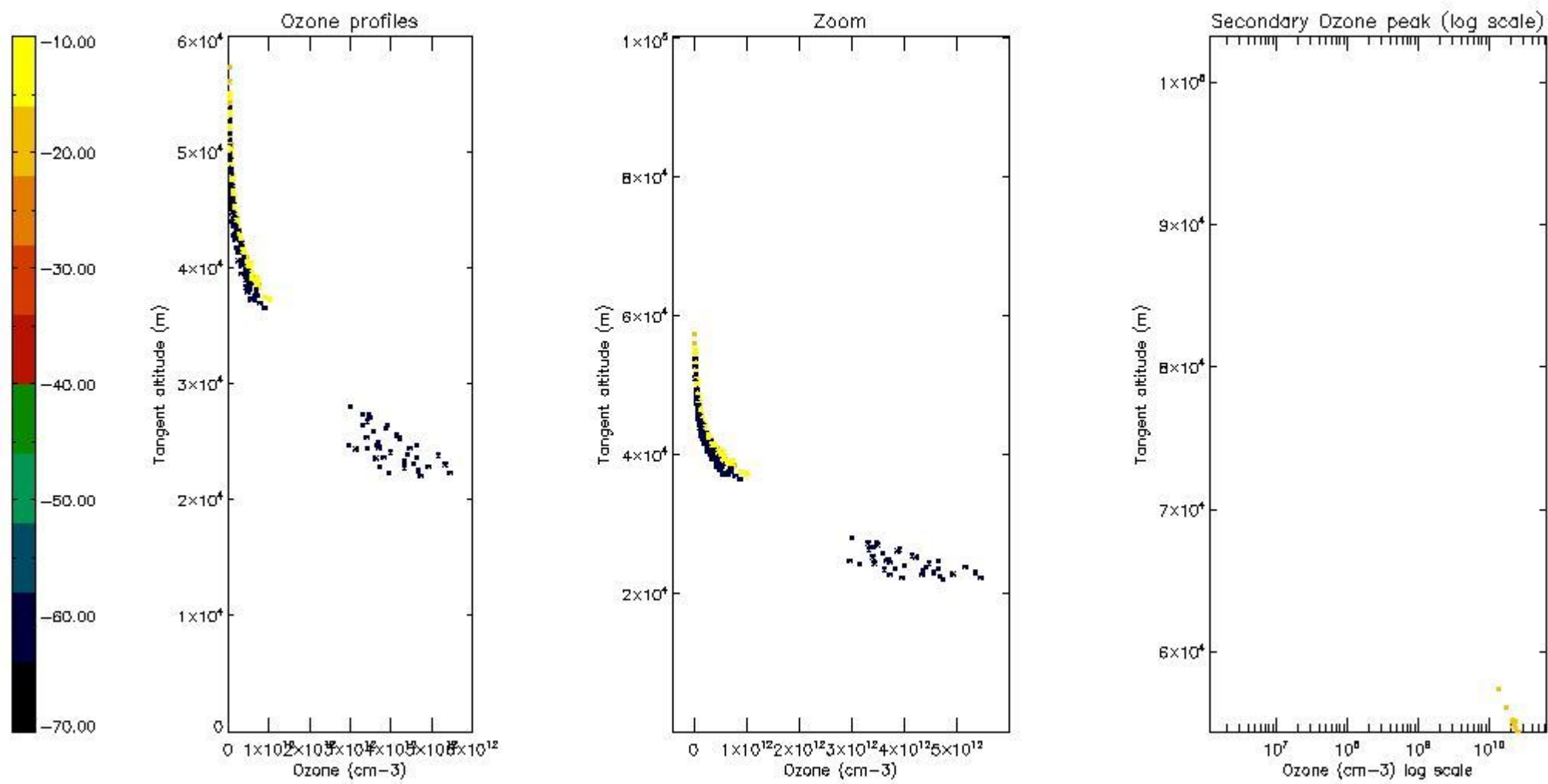
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



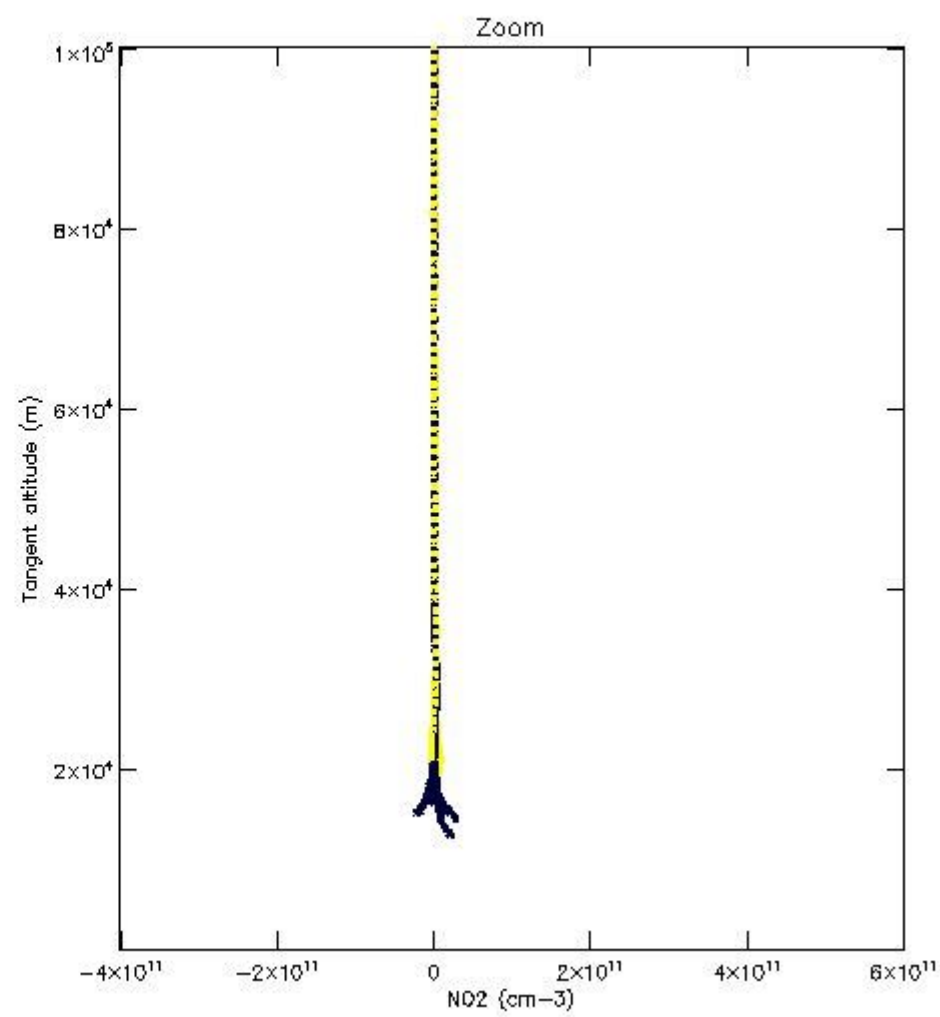
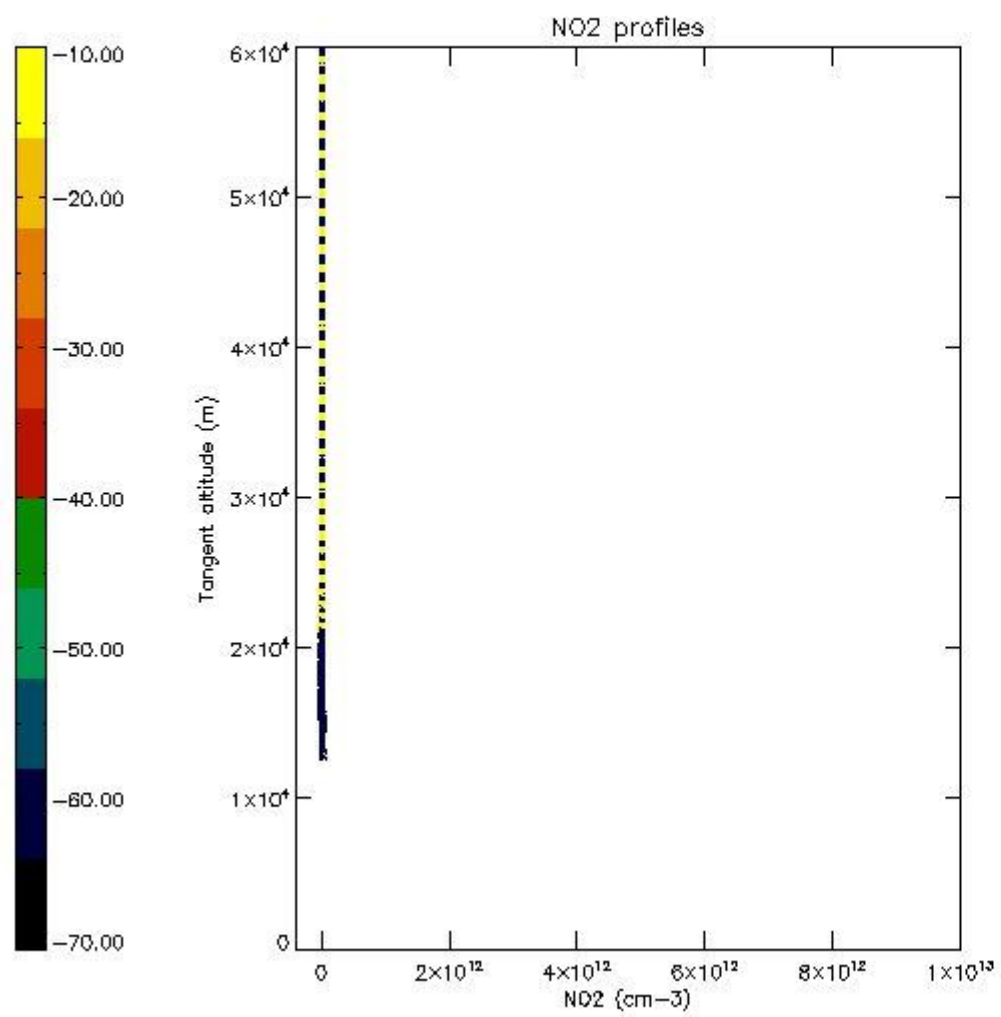
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



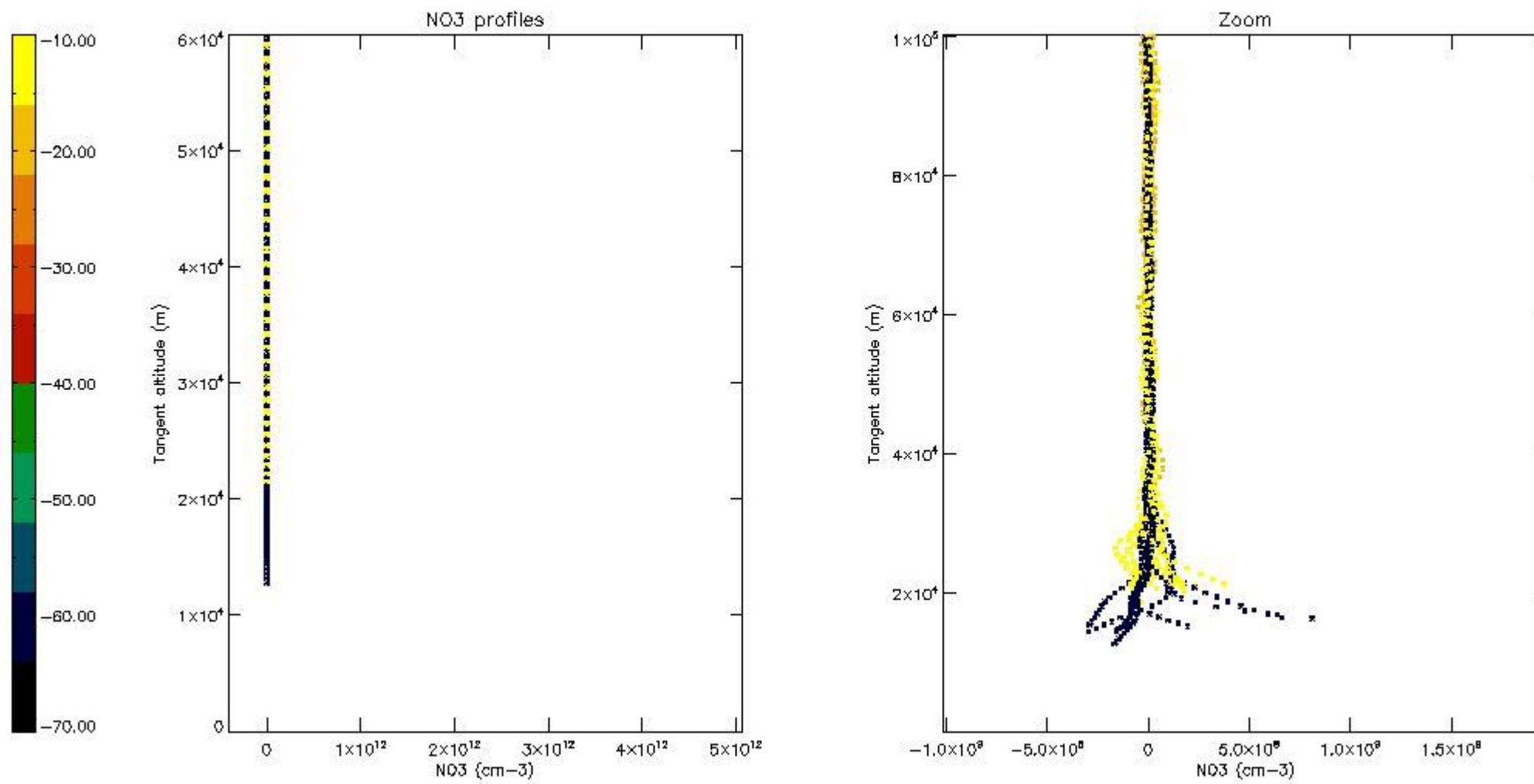
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-MAY-2009 00:07:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-MAY-2009 00:07:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-MAY-2009 00:07:04

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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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](#)

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

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

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

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

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

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

[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 09:35:12
Data source version	GOMOS/6.01
Start time of products	18-05-2009 (18MAY2009 00:00:00)
Stop time of products	19-05-2009 (19MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	192
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__2PRFIN20090518_000704_000000492079_00088_37717_5802.N1	18-MAY-2009 00:07:04	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37717	No
2	GOM_NL__2PRFIN20090518_000856_000000542079_00088_37717_5803.N1	18-MAY-2009 00:08:56	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	37717	No
3	GOM_NL__2PRFIN20090518_001111_000000532079_00088_37717_5804.N1	18-MAY-2009 00:11:11	Twilight_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	37717	No
4	GOM_NL__2PRFIN20090518_001413_000000582079_00088_37717_5805.N1	18-MAY-2009 00:14:13	Twilight_stray	58.000	16	21Alp Sco	1.0200	3000.0	116	37717	No
5	GOM_NL__2PRFIN20090518_001646_000000422079_00088_37717_5806.N1	18-MAY-2009 00:16:46	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	37717	No
6	GOM_NL__2PRFIN20090518_001958_000000502079_00088_37717_5807.N1	18-MAY-2009 00:19:58	Bright	50.000	98	13Zet Oph	2.5710	30000.	100	37717	No
7	GOM_NL__2PRFIN20090518_002225_000000482079_00088_37717_5808.N1	18-MAY-2009 00:22:25	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37717	No
8	GOM_NL__2PRFIN20090518_002533_000000432079_00088_37717_5809.N1	18-MAY-2009 00:25:33	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37717	No
9	GOM_NL__2PRFIN20090518_003153_000000422079_00088_37717_5810.N1	18-MAY-2009 00:31:53	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	37717	No
10	GOM_NL__2PRFIN20090518_004252_000000422079_00088_37717_5811.N1	18-MAY-2009 00:42:52	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37717	No
11	GOM_NL__2PRFIN20090518_005349_000000592079_00088_37717_5812.N1	18-MAY-2009 00:53:49	Bright	58.500	89	5Alp Cep	2.4510	8000.0	117	37717	No
12	GOM_NL__2PRFIN20090518_010800_000000462079_00088_37717_5813.N1	18-MAY-2009 01:08:00	Twilight_stray	46.000	93	53Bet Peg	2.5200	3100.0	92	37717	No
13	GOM_NL__2PRFIN20090518_011252_000000552079_00088_37717_5814.N1	18-MAY-2009 01:12:52	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37717	No
14	GOM_NL__2PRFIN20090518_014741_000000502079_00089_37718_5817.N1	18-MAY-2009 01:47:41	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37718	No
15	GOM_NL__2PRFIN20090518_014933_000000522079_00089_37718_5818.N1	18-MAY-2009 01:49:33	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37718	No
16	GOM_NL__2PRFIN20090518_015148_000000512079_00089_37718_5819.N1	18-MAY-2009 01:51:48	Twilight_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	37718	No
17	GOM_NL__2PRFIN20090518_015449_000000632079_00089_37718_5820.N1	18-MAY-2009 01:54:49	Twilight_stray	62.500	16	21Alp Sco	1.0200	3000.0	125	37718	No
18	GOM_NL__2PRFIN20090518_015722_000000432079_00089_37718_5821.N1	18-MAY-2009 01:57:22	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	37718	No
19	GOM_NL__2PRFIN20090518_020034_000000512079_00089_37718_5822.N1	18-MAY-2009 02:00:34	Bright	50.500	98	13Zet Oph	2.5710	30000.	101	37718	No
20	GOM_NL__2PRFIN20090518_020300_000000482079_00089_37718_5823.N1	18-MAY-2009 02:03:00	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	37718	No
21	GOM_NL__2PRFIN20090518_020609_000000432079_00089_37718_5824.N1	18-MAY-2009 02:06:09	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37718	No
22	GOM_NL__2PRFIN20090518_021229_000000412079_00089_37718_5825.N1	18-MAY-2009 02:12:29	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	37718	No
23	GOM_NL__2PRFIN20090518_022328_000000412079_00089_37718_5826.N1	18-MAY-2009 02:23:28	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37718	No
24	GOM_NL__2PRFIN20090518_023424_000000662079_00089_37718_5827.N1	18-MAY-2009 02:34:24	Bright	65.500	89	5Alp Cep	2.4510	8000.0	131	37718	No
25	GOM_NL__2PRFIN20090518_024836_000000612079_00089_37718_5828.N1	18-MAY-2009 02:48:36	Twilight_stray	60.500	93	53Bet Peg	2.5200	3100.0	121	37718	No
26	GOM_NL__2PRFIN20090518_031231_000000472079_00089_37718_5829.N1	18-MAY-2009 03:12:31	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37718	No
27	GOM_NL__2PRFIN20090518_032818_000000492079_00090_37719_5831.N1	18-MAY-2009 03:28:18	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37719	No
28	GOM_NL__2PRFIN20090518_033009_000000502079_00090_37719_5832.N1	18-MAY-2009 03:30:09	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	37719	No
29	GOM_NL__2PRFIN20090518_033224_000000472079_00090_37719_5833.N1	18-MAY-2009 03:32:24	Twilight_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	37719	No
30	GOM_NL__2PRFIN20090518_033526_000000582079_00090_37719_5834.N1	18-MAY-2009 03:35:26	Twilight_stray	58.000	16	21Alp Sco	1.0200	3000.0	116	37719	No
31	GOM_NL__2PRFIN20090518_033758_000000452079_00090_37719_5835.N1	18-MAY-2009 03:37:58	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37719	No
32	GOM_NL__2PRFIN20090518_034110_000000502079_00090_37719_5836.N1	18-MAY-2009 03:41:10	Bright	50.000	98	13Zet Oph	2.5710	30000.	100	37719	No
33	GOM_NL__2PRFIN20090518_034336_000000482079_00090_37719_5837.N1	18-MAY-2009 03:43:36	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	37719	No
34	GOM_NL__2PRFIN20090518_034645_000000432079_00090_37719_5838.N1	18-MAY-2009 03:46:45	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37719	No
35	GOM_NL__2PRFIN20090518_035304_000000422079_00090_37719_5839.N1	18-MAY-2009 03:53:04	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	37719	No
36	GOM_NL__2PRFIN20090518_040403_000000382079_00090_37719_5840.N1	18-MAY-2009 04:04:03	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	37719	No
37	GOM_NL__2PRFIN20090518_041500_000000562079_00090_37719_5841.N1	18-MAY-2009 04:15:00	Bright	56.000	89	5Alp Cep	2.4510	8000.0	112	37719	No
38	GOM_NL__2PRFIN20090518_042913_000000612079_00090_37719_5842.N1	18-MAY-2009 04:29:13	Twilight_stray	60.500	93	53Bet Peg	2.5200	3100.0	121	37719	No
39	GOM_NL__2PRFIN20090518_045308_000000492079_00090_37719_5843.N1	18-MAY-2009 04:53:08	Dark	49.000	172	Gam Gru	3.0030	13100.	98	37719	No
40	GOM_NL__2PRFIN20090518_050854_000000512079_00091_37720_5845.N1	18-MAY-2009 05:08:54	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37720	No
41	GOM_NL__2PRFIN20090518_051046_000000532079_00091_37720_5846.N1	18-MAY-2009 05:10:46	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	37720	No
42	GOM_NL__2PRFIN20090518_051301_000000492079_00091_37720_5847.N1	18-MAY-2009 05:13:01	Twilight_stray	49.000	75	26Eps Sco	2.2910	4250.0	98	37720	No

43	GOM_NL__2PRFIN20090518_051602_000000582079_00091_37720_5848.N1	18-MAY-2009 05:16:02	Twilight	58.000	16	21Alp Sco	1.0200	3000.0	116	37720	No
44	GOM_NL__2PRFIN20090518_051834_000000432079_00091_37720_5849.N1	18-MAY-2009 05:18:34	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	37720	No
45	GOM_NL__2PRFIN20090518_052145_000000502079_00091_37720_5850.N1	18-MAY-2009 05:21:45	Bright	49.500	98	13Zet Oph	2.5710	30000.	99	37720	No
46	GOM_NL__2PRFIN20090518_052412_000000482079_00091_37720_5851.N1	18-MAY-2009 05:24:12	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37720	No
47	GOM_NL__2PRFIN20090518_052721_000000432079_00091_37720_5852.N1	18-MAY-2009 05:27:21	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37720	No
48	GOM_NL__2PRFIN20090518_053340_000000432079_00091_37720_5853.N1	18-MAY-2009 05:33:40	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37720	No
49	GOM_NL__2PRFIN20090518_054439_000000412079_00091_37720_5854.N1	18-MAY-2009 05:44:39	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37720	No
50	GOM_NL__2PRFIN20090518_055535_000000442079_00091_37720_5855.N1	18-MAY-2009 05:55:35	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37720	No
51	GOM_NL__2PRFIN20090518_060949_000000672079_00091_37720_5856.N1	18-MAY-2009 06:09:49	Twilight	66.500	93	53Bet Peg	2.5200	3100.0	133	37720	No
52	GOM_NL__2PRFIN20090518_063345_000000472079_00091_37720_5857.N1	18-MAY-2009 06:33:45	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37720	No
53	GOM_NL__2PRFIN20090518_064931_000000492079_00092_37721_5861.N1	18-MAY-2009 06:49:31	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37721	No
54	GOM_NL__2PRFIN20090518_065123_000000482079_00092_37721_5862.N1	18-MAY-2009 06:51:23	Straylight	48.000	25	35Lam Sco	1.6200	28000.	96	37721	No
55	GOM_NL__2PRFIN20090518_065337_000000502079_00092_37721_5863.N1	18-MAY-2009 06:53:37	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	37721	No
56	GOM_NL__2PRFIN20090518_065638_000000592079_00092_37721_5864.N1	18-MAY-2009 06:56:38	Twilight	59.000	16	21Alp Sco	1.0200	3000.0	118	37721	No
57	GOM_NL__2PRFIN20090518_065910_000000442079_00092_37721_5865.N1	18-MAY-2009 06:59:10	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	37721	No
58	GOM_NL__2PRFIN20090518_070221_000000482079_00092_37721_5866.N1	18-MAY-2009 07:02:21	Bright	48.000	98	13Zet Oph	2.5710	30000.	96	37721	No
59	GOM_NL__2PRFIN20090518_070448_000000472079_00092_37721_5867.N1	18-MAY-2009 07:04:48	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	37721	No
60	GOM_NL__2PRFIN20090518_070756_000000432079_00092_37721_5868.N1	18-MAY-2009 07:07:56	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37721	No
61	GOM_NL__2PRFIN20090518_071416_000000422079_00092_37721_5869.N1	18-MAY-2009 07:14:16	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	37721	No
62	GOM_NL__2PRFIN20090518_072514_000000422079_00092_37721_5870.N1	18-MAY-2009 07:25:14	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37721	No
63	GOM_NL__2PRFIN20090518_073611_000000442079_00092_37721_5871.N1	18-MAY-2009 07:36:11	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37721	No
64	GOM_NL__2PRFIN20090518_075025_000000632079_00092_37721_5872.N1	18-MAY-2009 07:50:25	Twilight	63.000	93	53Bet Peg	2.5200	3100.0	126	37721	No
65	GOM_NL__2PRFIN20090518_081422_000000472079_00092_37721_5873.N1	18-MAY-2009 08:14:22	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37721	No
66	GOM_NL__2PRFIN20090518_083007_000000492079_00093_37722_5875.N1	18-MAY-2009 08:30:07	Straylight	48.500	40	The Sco	1.8590	7100.0	97	37722	No
67	GOM_NL__2PRFIN20090518_083159_000000562079_00093_37722_5876.N1	18-MAY-2009 08:31:59	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	37722	No
68	GOM_NL__2PRFIN20090518_083414_000000522079_00093_37722_5877.N1	18-MAY-2009 08:34:14	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	37722	No
69	GOM_NL__2PRFIN20090518_083715_000000592079_00093_37722_5878.N1	18-MAY-2009 08:37:15	Twilight	58.500	16	21Alp Sco	1.0200	3000.0	117	37722	No
70	GOM_NL__2PRFIN20090518_083947_000000552079_00093_37722_5879.N1	18-MAY-2009 08:39:47	Bright	54.500	97	8Bet1Sco	2.5610	30000.	109	37722	No
71	GOM_NL__2PRFIN20090518_084257_000000502079_00093_37722_5880.N1	18-MAY-2009 08:42:57	Bright	50.000	98	13Zet Oph	2.5710	30000.	100	37722	No
72	GOM_NL__2PRFIN20090518_084524_000000472079_00093_37722_5881.N1	18-MAY-2009 08:45:24	Bright	46.500	120	1Del Oph	2.7340	3200.0	93	37722	No
73	GOM_NL__2PRFIN20090518_084832_000000422079_00093_37722_5882.N1	18-MAY-2009 08:48:32	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	37722	No
74	GOM_NL__2PRFIN20090518_085451_000000442079_00093_37722_5883.N1	18-MAY-2009 08:54:51	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	37722	No
75	GOM_NL__2PRFIN20090518_090550_000000392079_00093_37722_5884.N1	18-MAY-2009 09:05:50	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	37722	No
76	GOM_NL__2PRFIN20090518_091646_000000442079_00093_37722_5885.N1	18-MAY-2009 09:16:46	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37722	No
77	GOM_NL__2PRFIN20090518_093101_000000662079_00093_37722_5886.N1	18-MAY-2009 09:31:01	Twilight	66.000	93	53Bet Peg	2.5200	3100.0	132	37722	No
78	GOM_NL__2PRFIN20090518_095459_000000482079_00093_37722_5887.N1	18-MAY-2009 09:54:59	Dark	47.500	172	Gam Gru	3.0030	13100.	95	37722	No
79	GOM_NL__2PRFIN20090518_101044_000000522079_00094_37723_5883.N1	18-MAY-2009 10:10:44	Straylight	51.500	40	The Sco	1.8590	7100.0	103	37723	No
80	GOM_NL__2PRFIN20090518_101236_000000522079_00094_37723_5884.N1	18-MAY-2009 10:12:36	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	37723	No
81	GOM_NL__2PRFIN20090518_101450_000000532079_00094_37723_5885.N1	18-MAY-2009 10:14:50	Twilight	52.500	75	26Eps Sco	2.2910	4250.0	105	37723	No
82	GOM_NL__2PRFIN20090518_101751_000000552079_00094_37723_5886.N1	18-MAY-2009 10:17:51	Twilight	54.500	16	21Alp Sco	1.0200	3000.0	109	37723	No
83	GOM_NL__2PRFIN20090518_102022_000000452079_00094_37723_5887.N1	18-MAY-2009 10:20:22	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37723	No
84	GOM_NL__2PRFIN20090518_102333_000000502079_00094_37723_5888.N1	18-MAY-2009 10:23:33	Bright	50.000	98	13Zet Oph	2.5710	30000.	100	37723	No
85	GOM_NL__2PRFIN20090518_102559_000000482079_00094_37723_5889.N1	18-MAY-2009 10:25:59	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37723	No
86	GOM_NL__2PRFIN20090518_102908_000000422079_00094_37723_5890.N1	18-MAY-2009 10:29:08	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37723	No
87	GOM_NL__2PRFIN20090518_103527_000000432079_00094_37723_5891.N1	18-MAY-2009 10:35:27	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37723	No
88	GOM_NL__2PRFIN20090518_104625_000000422079_00094_37723_5892.N1	18-MAY-2009 10:46:25	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37723	No
89	GOM_NL__2PRFIN20090518_105722_000000442079_00094_37723_5893.N1	18-MAY-2009 10:57:22	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37723	No
90	GOM_NL__2PRFIN20090518_111137_000000622079_00094_37723_5894.N1	18-MAY-2009 11:11:37	Twilight	61.500	93	53Bet Peg	2.5200	3100.0	123	37723	No
91	GOM_NL__2PRFIN20090518_113536_000000462079_00094_37723_5895.N1	18-MAY-2009 11:35:36	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37723	No
92	GOM_NL__2PRFIN20090518_115120_000000482079_00095_37724_5912.N1	18-MAY-2009 11:51:20	Straylight	47.500	40	The Sco	1.8590	7100.0	95	37724	No
93	GOM_NL__2PRFIN20090518_115312_000000502079_00095_37724_5913.N1	18-MAY-2009 11:53:12	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	37724	No
94	GOM_NL__2PRFIN20090518_115526_000000492079_00095_37724_5914.N1	18-MAY-2009 11:55:26	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	37724	No
95	GOM_NL__2PRFIN20090518_115827_000000612079_00095_37724_5915.N1	18-MAY-2009 11:58:27	Twilight	61.000	16	21Alp Sco	1.0200	3000.0	122	37724	No
96	GOM_NL__2PRFIN20090518_120058_000000442079_00095_37724_5916.N1	18-MAY-2009 12:00:58	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37724	No
97	GOM_NL__2PRFIN20090518_120409_000000512079_00095_37724_5917.N1	18-MAY-2009 12:04:09	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	37724	No
98	GOM_NL__2PRFIN20090518_120635_000000472079_00095_37724_5918.N1	18-MAY-2009 12:06:35	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	37724	No
99	GOM_NL__2PRFIN20090518_120943_000000412079_00095_37724_5919.N1	18-MAY-2009 12:09:43	Bright	41.000	102	24Alp Ser	2.6000	4250.0	82	37724	No
100	GOM_NL__2PRFIN20090518_121602_000000392079_00095_37724_5920.N1	18-MAY-2009 12:16:02	Bright	39.000	67	5Alp CrB	2.2210	11000.	78	37724	No
101	GOM_NL__2PRFIN20090518_122701_000000422079_00095_37724_5921.N1	18-MAY-2009 12:27:01	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37724	No

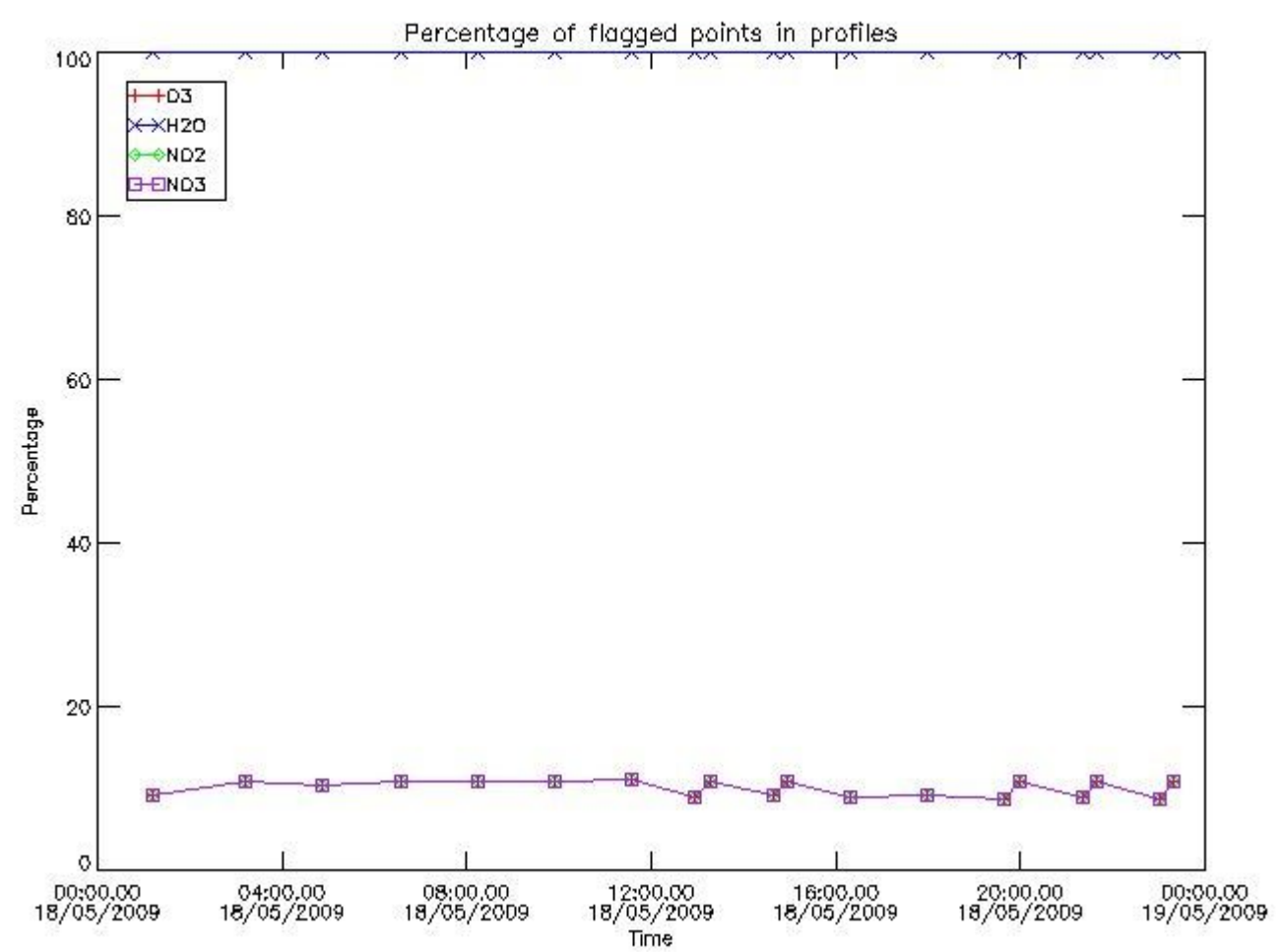
102	GOM_NL__2PRFIN20090518_123757_000000442079_00095_37724_5922.N1	18-MAY-2009 12:37:57	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37724	No
103	GOM_NL__2PRFIN20090518_125213_000000652079_00095_37724_5923.N1	18-MAY-2009 12:52:13	Twilight	65.000	93	53Bet Peg	2.5200	3100.0	130	37724	No
104	GOM_NL__2PRFIN20090518_125708_000000572079_00095_37724_5924.N1	18-MAY-2009 12:57:08	Dark	56.500	90	54Alp Peg	2.4870	11000.	113	37724	No
105	GOM_NL__2PRFIN20090518_131613_000000472079_00095_37724_5925.N1	18-MAY-2009 13:16:13	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37724	No
106	GOM_NL__2PRFIN20090518_133157_000000502079_00096_37725_5920.N1	18-MAY-2009 13:31:57	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37725	No
107	GOM_NL__2PRFIN20090518_133349_000000472079_00096_37725_5921.N1	18-MAY-2009 13:33:49	Straylight	47.000	25	35Lam Sco	1.6200	28000.	94	37725	No
108	GOM_NL__2PRFIN20090518_133602_000000512079_00096_37725_5922.N1	18-MAY-2009 13:36:02	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	37725	No
109	GOM_NL__2PRFIN20090518_133903_000000542079_00096_37725_5923.N1	18-MAY-2009 13:39:03	Twilight	53.500	16	21Alp Sco	1.0200	3000.0	107	37725	No
110	GOM_NL__2PRFIN20090518_134134_000000462079_00096_37725_5924.N1	18-MAY-2009 13:41:34	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	37725	No
111	GOM_NL__2PRFIN20090518_134445_000000492079_00096_37725_5925.N1	18-MAY-2009 13:44:45	Bright	49.000	98	13Zet Oph	2.5710	30000.	98	37725	No
112	GOM_NL__2PRFIN20090518_134711_000000472079_00096_37725_5926.N1	18-MAY-2009 13:47:11	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	37725	No
113	GOM_NL__2PRFIN20090518_135019_000000422079_00096_37725_5927.N1	18-MAY-2009 13:50:19	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37725	No
114	GOM_NL__2PRFIN20090518_135638_000000412079_00096_37725_5928.N1	18-MAY-2009 13:56:38	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	37725	No
115	GOM_NL__2PRFIN20090518_140736_000000412079_00096_37725_5929.N1	18-MAY-2009 14:07:36	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37725	No
116	GOM_NL__2PRFIN20090518_141832_000000442079_00096_37725_5930.N1	18-MAY-2009 14:18:32	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37725	No
117	GOM_NL__2PRFIN20090518_143249_000000612079_00096_37725_5931.N1	18-MAY-2009 14:32:49	Twilight	61.000	93	53Bet Peg	2.5200	3100.0	122	37725	No
118	GOM_NL__2PRFIN20090518_143745_000000552079_00096_37725_5932.N1	18-MAY-2009 14:37:45	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37725	No
119	GOM_NL__2PRFIN20090518_145650_000000472079_00096_37725_5933.N1	18-MAY-2009 14:56:50	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37725	No
120	GOM_NL__2PRFIN20090518_151234_000000492079_00097_37726_5951.N1	18-MAY-2009 15:12:34	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37726	No
121	GOM_NL__2PRFIN20090518_151425_000000522079_00097_37726_5952.N1	18-MAY-2009 15:14:25	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37726	No
122	GOM_NL__2PRFIN20090518_151639_000000512079_00097_37726_5953.N1	18-MAY-2009 15:16:39	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	37726	No
123	GOM_NL__2PRFIN20090518_151939_000000582079_00097_37726_5954.N1	18-MAY-2009 15:19:39	Twilight	58.000	16	21Alp Sco	1.0200	3000.0	116	37726	No
124	GOM_NL__2PRFIN20090518_152211_000000442079_00097_37726_5955.N1	18-MAY-2009 15:22:11	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37726	No
125	GOM_NL__2PRFIN20090518_152521_000000502079_00097_37726_5956.N1	18-MAY-2009 15:25:21	Bright	49.500	98	13Zet Oph	2.5710	30000.	99	37726	No
126	GOM_NL__2PRFIN20090518_152747_000000482079_00097_37726_5957.N1	18-MAY-2009 15:27:47	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37726	No
127	GOM_NL__2PRFIN20090518_153055_000000422079_00097_37726_5958.N1	18-MAY-2009 15:30:55	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37726	No
128	GOM_NL__2PRFIN20090518_153713_000000412079_00097_37726_5959.N1	18-MAY-2009 15:37:13	Bright	41.000	67	5Alp CrB	2.2210	11000.	82	37726	No
129	GOM_NL__2PRFIN20090518_154812_000000402079_00097_37726_5960.N1	18-MAY-2009 15:48:12	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37726	No
130	GOM_NL__2PRFIN20090518_155908_000000662079_00097_37726_5961.N1	18-MAY-2009 15:59:08	Bright	66.000	89	5Alp Cep	2.4510	8000.0	132	37726	No
131	GOM_NL__2PRFIN20090518_161326_000000642079_00097_37726_5962.N1	18-MAY-2009 16:13:26	Twilight	64.000	93	53Bet Peg	2.5200	3100.0	128	37726	No
132	GOM_NL__2PRFIN20090518_161821_000000572079_00097_37726_5963.N1	18-MAY-2009 16:18:21	Dark	57.000	90	54Alp Peg	2.4870	11000.	114	37726	No
133	GOM_NL__2PRFIN20090518_165310_000000522079_00098_37727_5966.N1	18-MAY-2009 16:53:10	Straylight	52.000	40	The Sco	1.8590	7100.0	104	37727	No
134	GOM_NL__2PRFIN20090518_165502_000000522079_00098_37727_5967.N1	18-MAY-2009 16:55:02	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37727	No
135	GOM_NL__2PRFIN20090518_165715_000000512079_00098_37727_5968.N1	18-MAY-2009 16:57:15	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	37727	No
136	GOM_NL__2PRFIN20090518_170015_000000622079_00098_37727_5969.N1	18-MAY-2009 17:00:15	Twilight	61.500	16	21Alp Sco	1.0200	3000.0	123	37727	No
137	GOM_NL__2PRFIN20090518_170247_000000452079_00098_37727_5970.N1	18-MAY-2009 17:02:47	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37727	No
138	GOM_NL__2PRFIN20090518_170557_000000502079_00098_37727_5971.N1	18-MAY-2009 17:05:57	Bright	49.500	98	13Zet Oph	2.5710	30000.	99	37727	No
139	GOM_NL__2PRFIN20090518_170822_000000472079_00098_37727_5972.N1	18-MAY-2009 17:08:22	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	37727	No
140	GOM_NL__2PRFIN20090518_171130_000000422079_00098_37727_5973.N1	18-MAY-2009 17:11:30	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37727	No
141	GOM_NL__2PRFIN20090518_171749_000000412079_00098_37727_5974.N1	18-MAY-2009 17:17:49	Bright	41.000	67	5Alp CrB	2.2210	11000.	82	37727	No
142	GOM_NL__2PRFIN20090518_172847_000000412079_00098_37727_5975.N1	18-MAY-2009 17:28:47	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37727	No
143	GOM_NL__2PRFIN20090518_173944_000000422079_00098_37727_5976.N1	18-MAY-2009 17:39:44	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	37727	No
144	GOM_NL__2PRFIN20090518_175402_000000662079_00098_37727_5977.N1	18-MAY-2009 17:54:02	Twilight	66.000	93	53Bet Peg	2.5200	3100.0	132	37727	No
145	GOM_NL__2PRFIN20090518_175858_000000552079_00098_37727_5978.N1	18-MAY-2009 17:58:58	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37727	No
146	GOM_NL__2PRFIN20090518_183346_000000532079_00099_37728_5974.N1	18-MAY-2009 18:33:46	Straylight	52.500	40	The Sco	1.8590	7100.0	105	37728	No
147	GOM_NL__2PRFIN20090518_183538_000000522079_00099_37728_5975.N1	18-MAY-2009 18:35:38	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37728	No
148	GOM_NL__2PRFIN20090518_183752_000000522079_00099_37728_5976.N1	18-MAY-2009 18:37:52	Twilight	52.000	75	26Eps Sco	2.2910	4250.0	104	37728	No
149	GOM_NL__2PRFIN20090518_184052_000000582079_00099_37728_5977.N1	18-MAY-2009 18:40:52	Twilight	58.000	16	21Alp Sco	1.0200	3000.0	116	37728	No
150	GOM_NL__2PRFIN20090518_184323_000000452079_00099_37728_5978.N1	18-MAY-2009 18:43:23	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37728	No
151	GOM_NL__2PRFIN20090518_184633_000000512079_00099_37728_5979.N1	18-MAY-2009 18:46:33	Bright	50.500	98	13Zet Oph	2.5710	30000.	101	37728	No
152	GOM_NL__2PRFIN20090518_184858_000000472079_00099_37728_5980.N1	18-MAY-2009 18:48:58	Bright	46.500	120	1Del Oph	2.7340	3200.0	93	37728	No
153	GOM_NL__2PRFIN20090518_185206_000000422079_00099_37728_5981.N1	18-MAY-2009 18:52:06	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37728	No
154	GOM_NL__2PRFIN20090518_185825_000000412079_00099_37728_5982.N1	18-MAY-2009 18:58:25	Bright	41.000	67	5Alp CrB	2.2210	11000.	82	37728	No
155	GOM_NL__2PRFIN20090518_190923_000000402079_00099_37728_5983.N1	18-MAY-2009 19:09:23	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37728	No
156	GOM_NL__2PRFIN20090518_192019_000000442079_00099_37728_5984.N1	18-MAY-2009 19:20:19	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37728	No
157	GOM_NL__2PRFIN20090518_193935_000000602079_00099_37728_5985.N1	18-MAY-2009 19:39:35	Dark	59.500	90	54Alp Peg	2.4870	11000.	119	37728	No
158	GOM_NL__2PRFIN20090518_195841_000000472079_00099_37728_5986.N1	18-MAY-2009 19:58:41	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37728	No
159	GOM_NL__2PRFIN20090518_201423_000000492079_00100_37729_5985.N1	18-MAY-2009 20:14:23	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37729	No
160	GOM_NL__2PRFIN20090518_201615_000000512079_00100_37729_5986.N1	18-MAY-2009 20:16:15	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37729	No

161	GOM_NL__2PRFIN20090518_201828_000000512079_00100_37729_5987.N1	18-MAY-2009 20:18:28	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	37729	No
162	GOM_NL__2PRFIN20090518_202128_000000592079_00100_37729_5988.N1	18-MAY-2009 20:21:28	Twilight	58.500	16	21Alp Sco	1.0200	3000.0	117	37729	No
163	GOM_NL__2PRFIN20090518_202359_000000442079_00100_37729_5989.N1	18-MAY-2009 20:23:59	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37729	No
164	GOM_NL__2PRFIN20090518_202708_000000492079_00100_37729_5990.N1	18-MAY-2009 20:27:08	Bright	49.000	98	13Zet Oph	2.5710	30000.	98	37729	No
165	GOM_NL__2PRFIN20090518_202934_000000472079_00100_37729_5991.N1	18-MAY-2009 20:29:34	Bright	46.500	120	1Del Oph	2.7340	3200.0	93	37729	No
166	GOM_NL__2PRFIN20090518_203242_000000422079_00100_37729_5992.N1	18-MAY-2009 20:32:42	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37729	No
167	GOM_NL__2PRFIN20090518_203900_000000432079_00100_37729_5993.N1	18-MAY-2009 20:39:00	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37729	No
168	GOM_NL__2PRFIN20090518_204958_000000412079_00100_37729_5994.N1	18-MAY-2009 20:49:58	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37729	No
169	GOM_NL__2PRFIN20090518_210055_000000452079_00100_37729_5995.N1	18-MAY-2009 21:00:55	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	37729	No
170	GOM_NL__2PRFIN20090518_212011_000000562079_00100_37729_5996.N1	18-MAY-2009 21:20:11	Dark	56.000	90	54Alp Peg	2.4870	11000.	112	37729	No
171	GOM_NL__2PRFIN20090518_213918_000000472079_00100_37729_5997.N1	18-MAY-2009 21:39:18	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37729	No
172	GOM_NL__2PRFIN20090518_215500_000000532079_00101_37730_6016.N1	18-MAY-2009 21:55:00	Straylight	53.000	40	The Sco	1.8590	7100.0	106	37730	No
173	GOM_NL__2PRFIN20090518_215651_000000522079_00101_37730_6017.N1	18-MAY-2009 21:56:51	Straylight	52.000	25	35Lam Sco	1.6200	28000.	104	37730	No
174	GOM_NL__2PRFIN20090518_215904_000000502079_00101_37730_6018.N1	18-MAY-2009 21:59:04	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	37730	No
175	GOM_NL__2PRFIN20090518_220204_000000632079_00101_37730_6019.N1	18-MAY-2009 22:02:04	Twilight	63.000	16	21Alp Sco	1.0200	3000.0	126	37730	No
176	GOM_NL__2PRFIN20090518_220435_000000432079_00101_37730_6020.N1	18-MAY-2009 22:04:35	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	37730	No
177	GOM_NL__2PRFIN20090518_220744_000000512079_00101_37730_6021.N1	18-MAY-2009 22:07:44	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	37730	No
178	GOM_NL__2PRFIN20090518_221010_000000472079_00101_37730_6022.N1	18-MAY-2009 22:10:10	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	37730	No
179	GOM_NL__2PRFIN20090518_221318_000000422079_00101_37730_6023.N1	18-MAY-2009 22:13:18	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37730	No
180	GOM_NL__2PRFIN20090518_221935_000000402079_00101_37730_6024.N1	18-MAY-2009 22:19:35	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	37730	No
181	GOM_NL__2PRFIN20090518_223033_000000412079_00101_37730_6025.N1	18-MAY-2009 22:30:33	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37730	No
182	GOM_NL__2PRFIN20090518_224130_000000432079_00101_37730_6026.N1	18-MAY-2009 22:41:30	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37730	No
183	GOM_NL__2PRFIN20090518_230048_000000582079_00101_37730_6027.N1	18-MAY-2009 23:00:48	Dark	58.000	90	54Alp Peg	2.4870	11000.	116	37730	No
184	GOM_NL__2PRFIN20090518_231955_000000472079_00101_37730_6028.N1	18-MAY-2009 23:19:55	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37730	No
185	GOM_NL__2PRFIN20090518_233536_000000492079_00102_37731_6035.N1	18-MAY-2009 23:35:36	Straylight	49.000	40	The Sco	1.8590	7100.0	98	37731	No
186	GOM_NL__2PRFIN20090518_233728_000000532079_00102_37731_6036.N1	18-MAY-2009 23:37:28	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37731	No
187	GOM_NL__2PRFIN20090518_233941_000000522079_00102_37731_6037.N1	18-MAY-2009 23:39:41	Twilight	51.500	75	26Eps Sco	2.2910	4250.0	103	37731	No
188	GOM_NL__2PRFIN20090518_234240_000000632079_00102_37731_6038.N1	18-MAY-2009 23:42:40	Twilight	63.000	16	21Alp Sco	1.0200	3000.0	126	37731	No
189	GOM_NL__2PRFIN20090518_234511_000000442079_00102_37731_6039.N1	18-MAY-2009 23:45:11	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	37731	No
190	GOM_NL__2PRFIN20090518_234820_000000502079_00102_37731_6040.N1	18-MAY-2009 23:48:20	Bright	49.500	98	13Zet Oph	2.5710	30000.	99	37731	No
191	GOM_NL__2PRFIN20090518_235045_000000472079_00102_37731_6041.N1	18-MAY-2009 23:50:45	Bright	47.000	120	1Del Oph	2.7340	3200.0	94	37731	No
192	GOM_NL__2PRFIN20090518_235353_000000422079_00102_37731_6042.N1	18-MAY-2009 23:53:53	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37731	No

3. Quality information per product

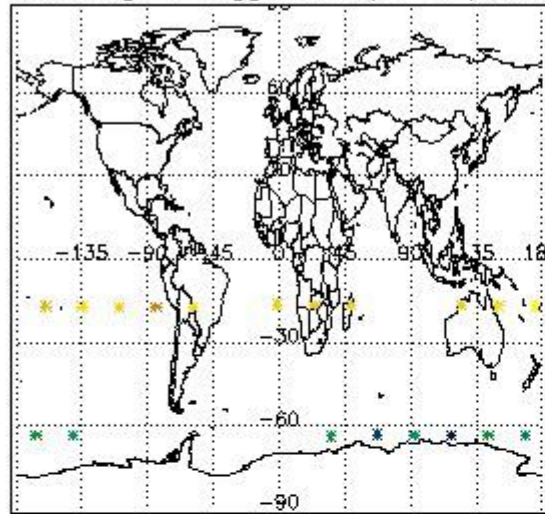
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

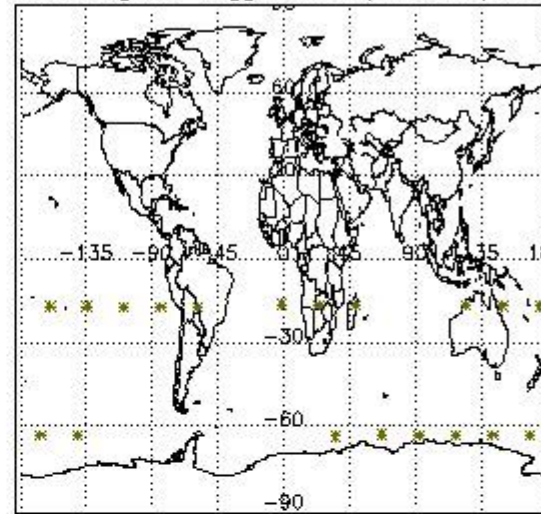


3.2 Plot quality information per product (world map)

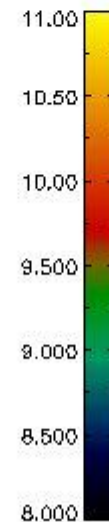
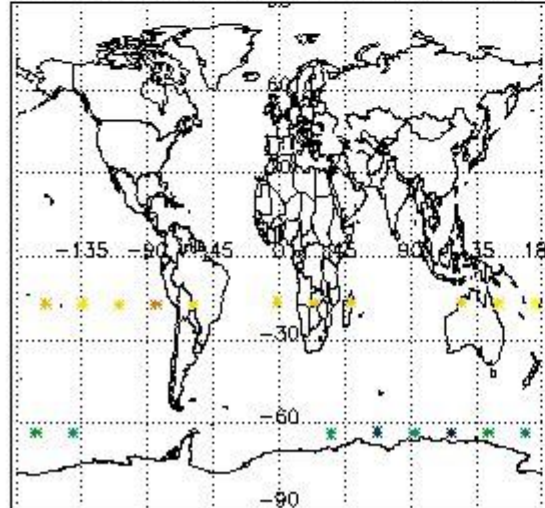
Percentage of flagged data per O3 profile



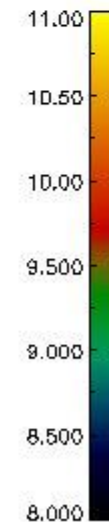
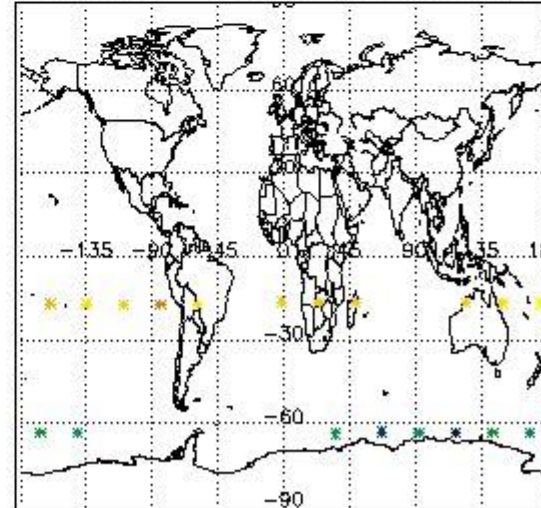
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

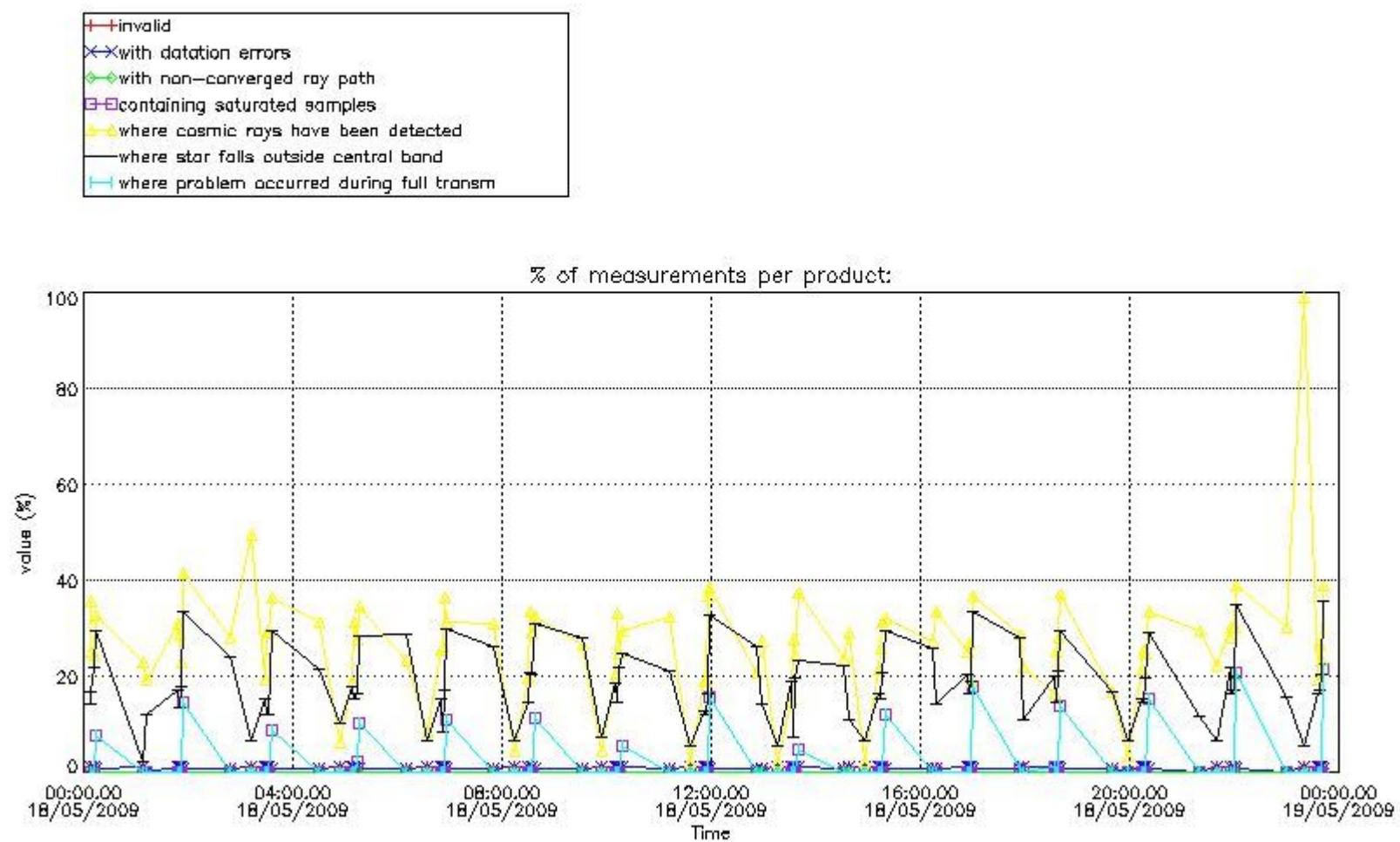


4. Level 1 quality information per product

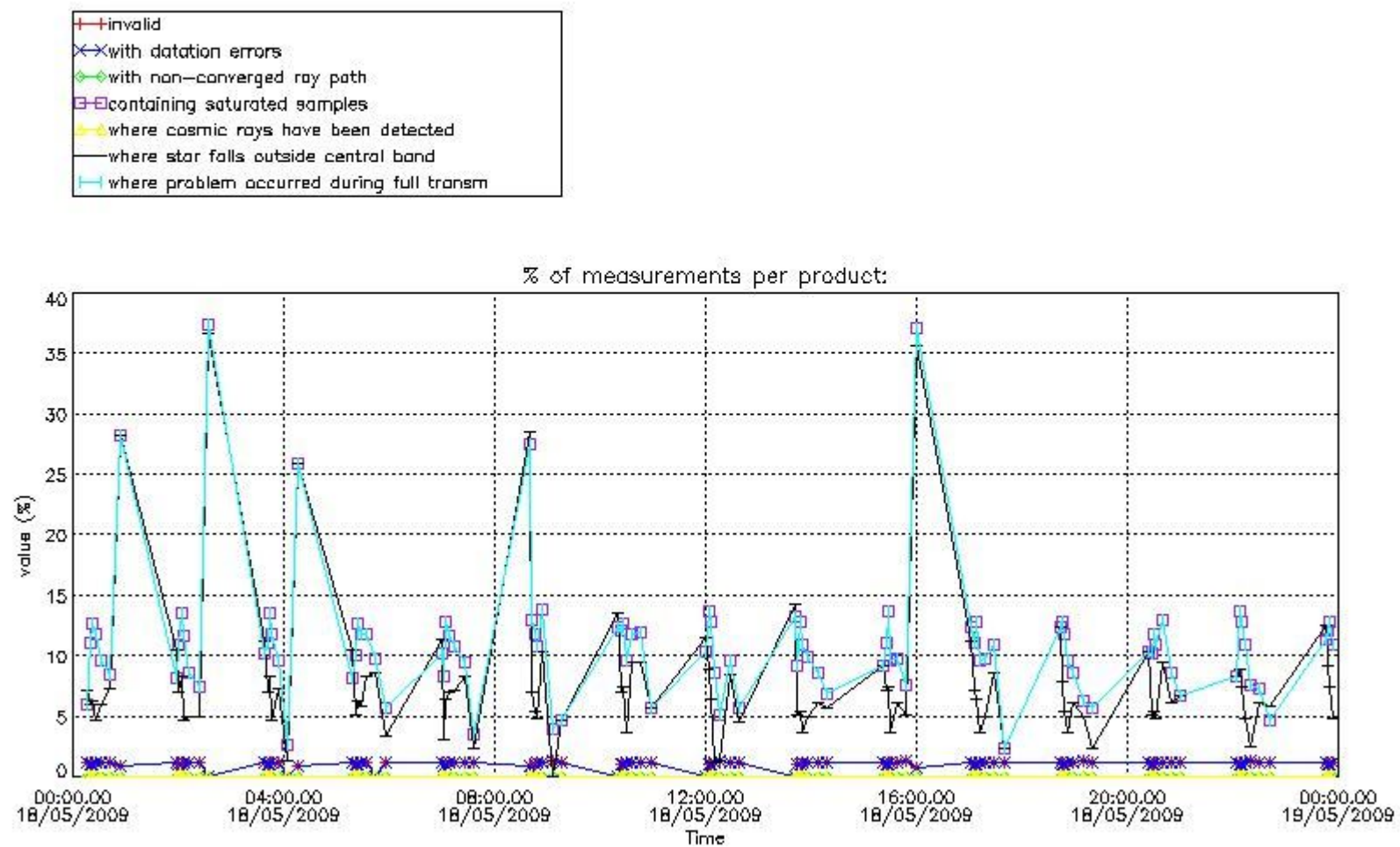
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



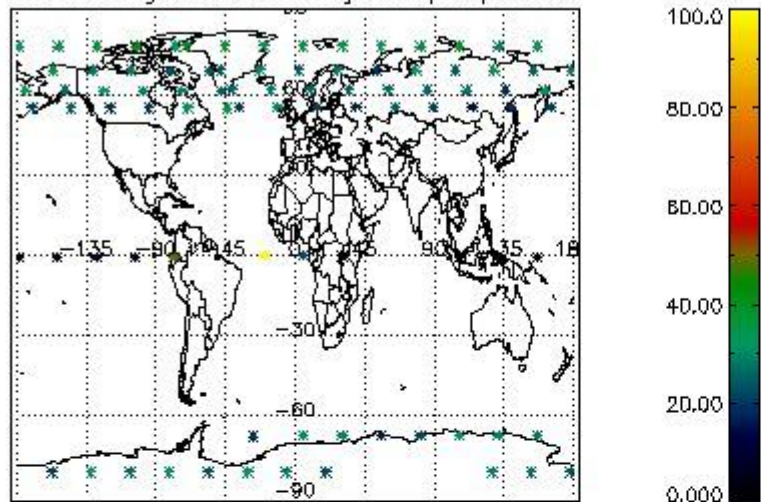
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



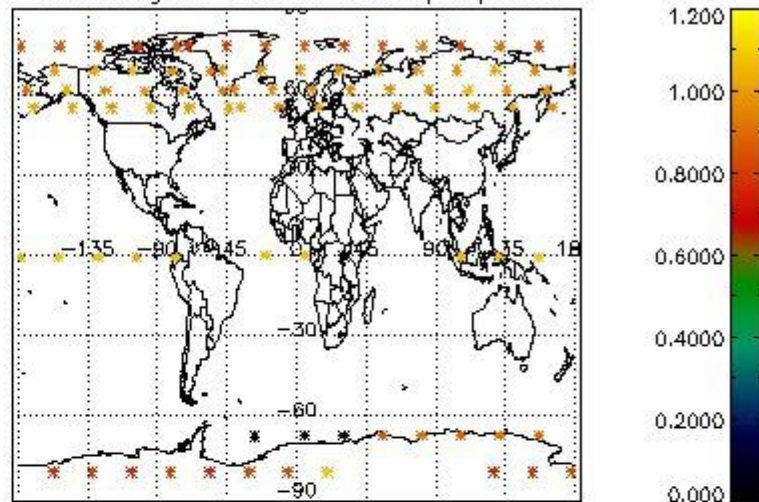
4.2 Plot quality information per product coming from level 1b processing (world map)

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

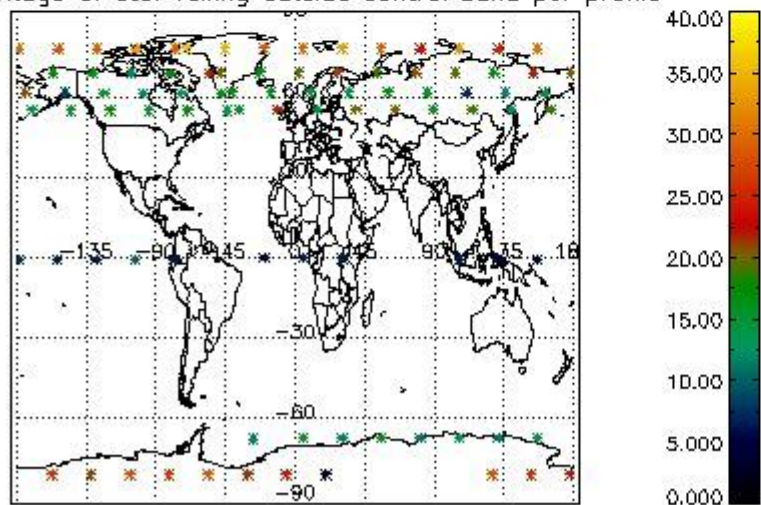
Percentage of cosmic ray hits per profile



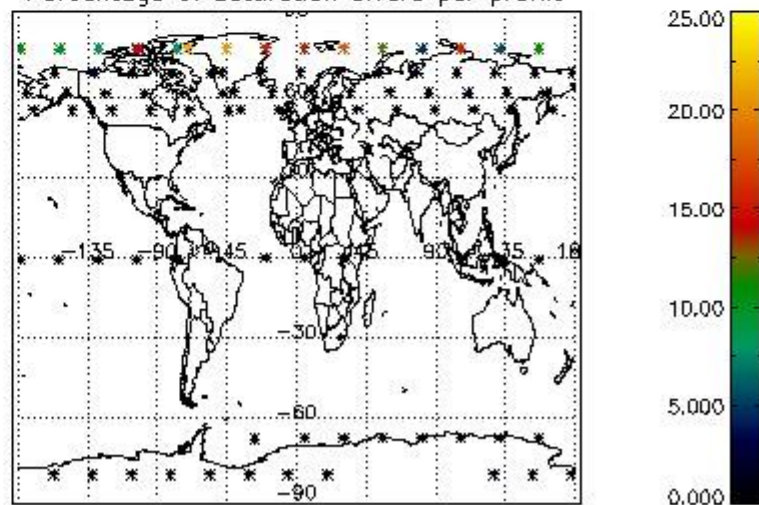
Percentage of datation errors per profile



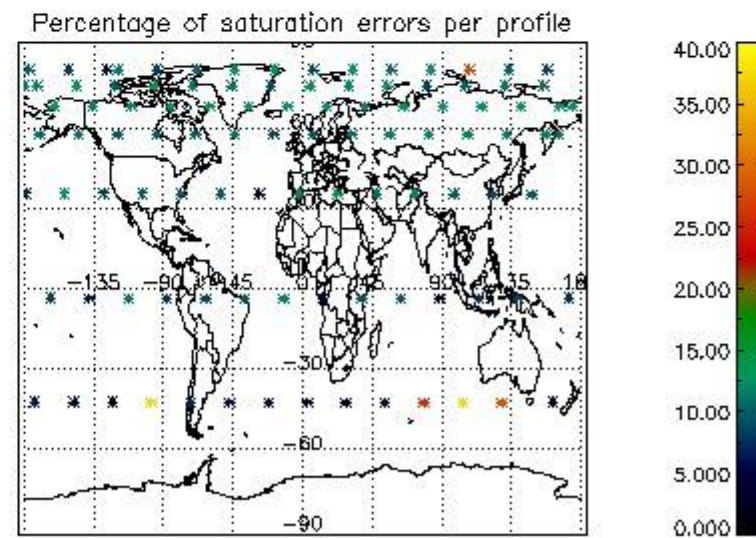
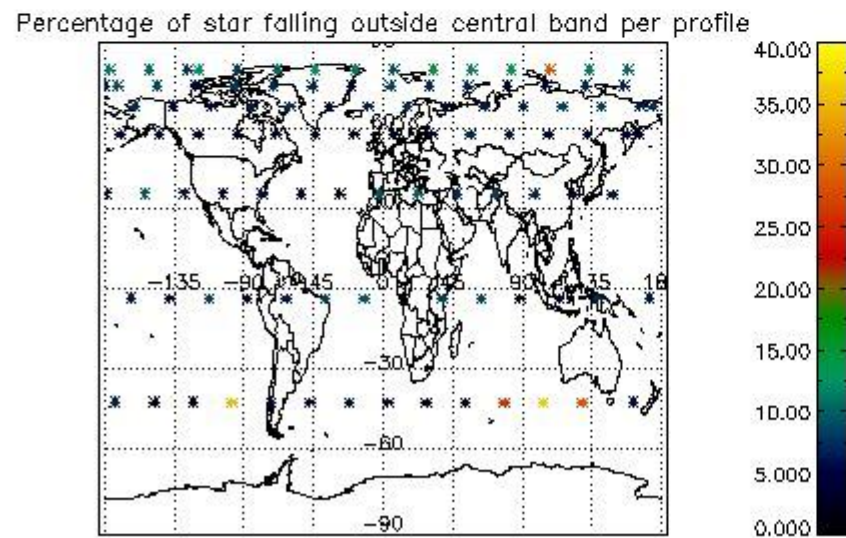
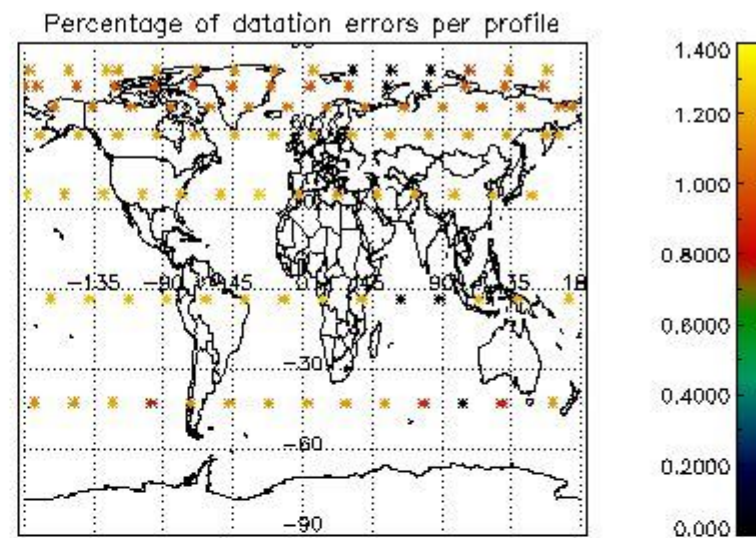
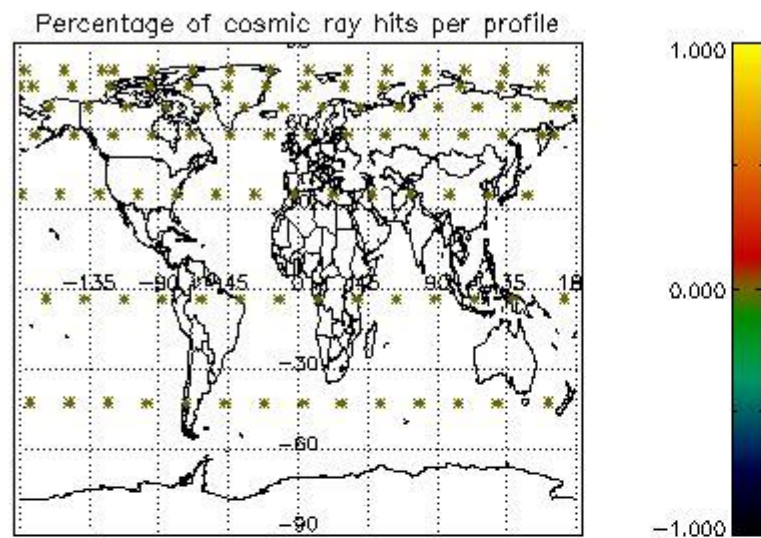
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

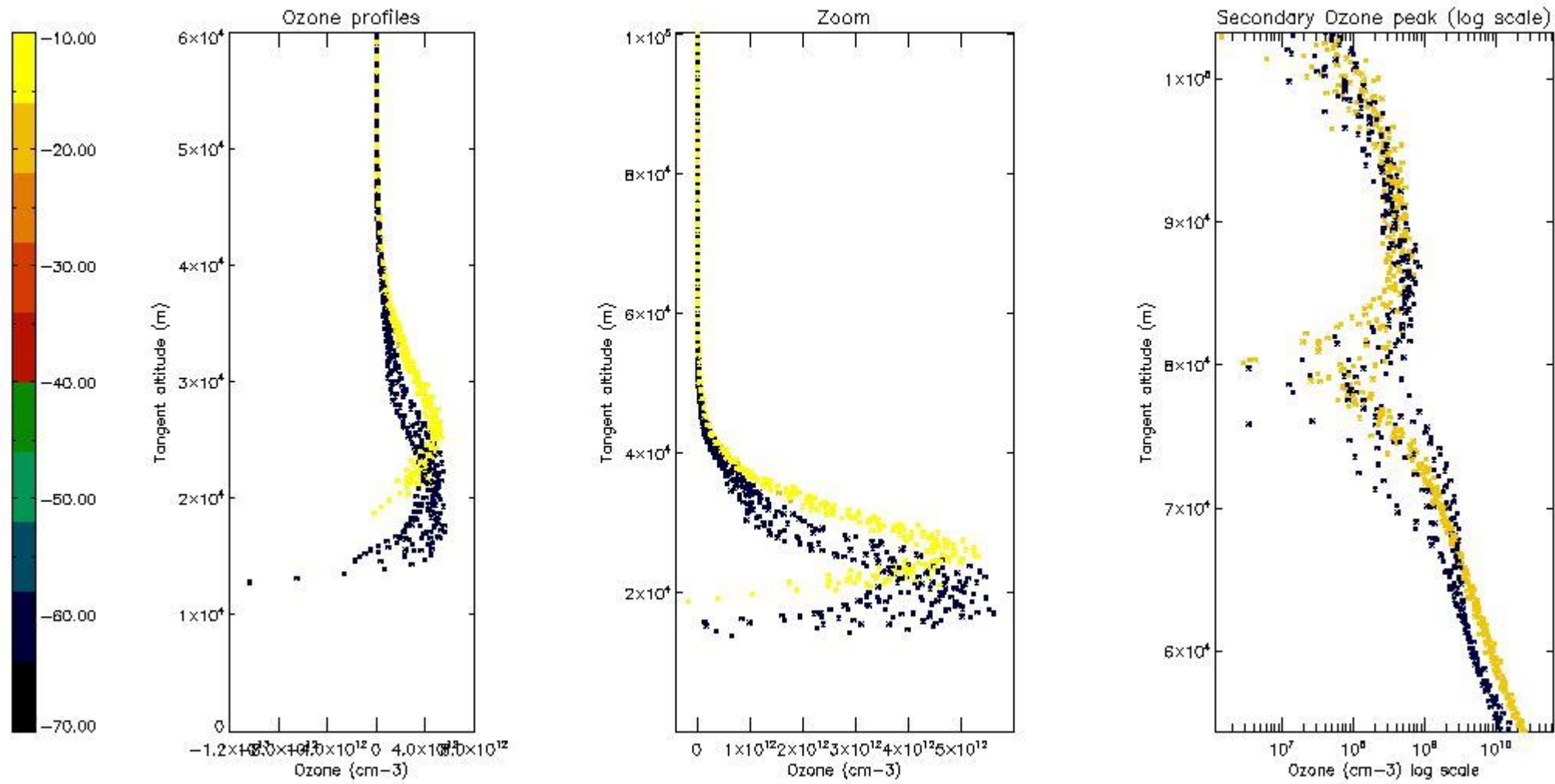
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	11
STD < 20	6

STD < 10	5
STD < 5	2

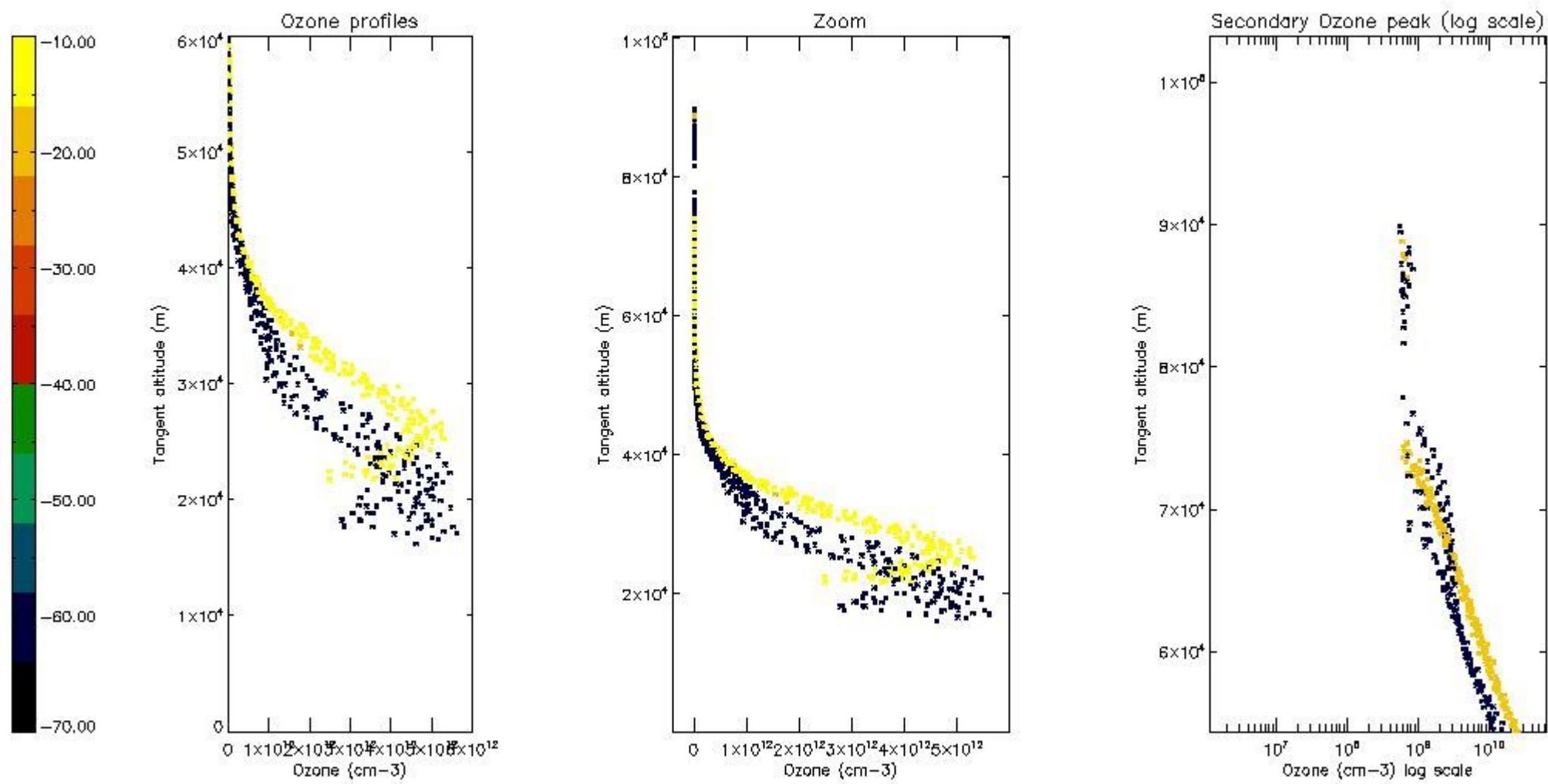
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



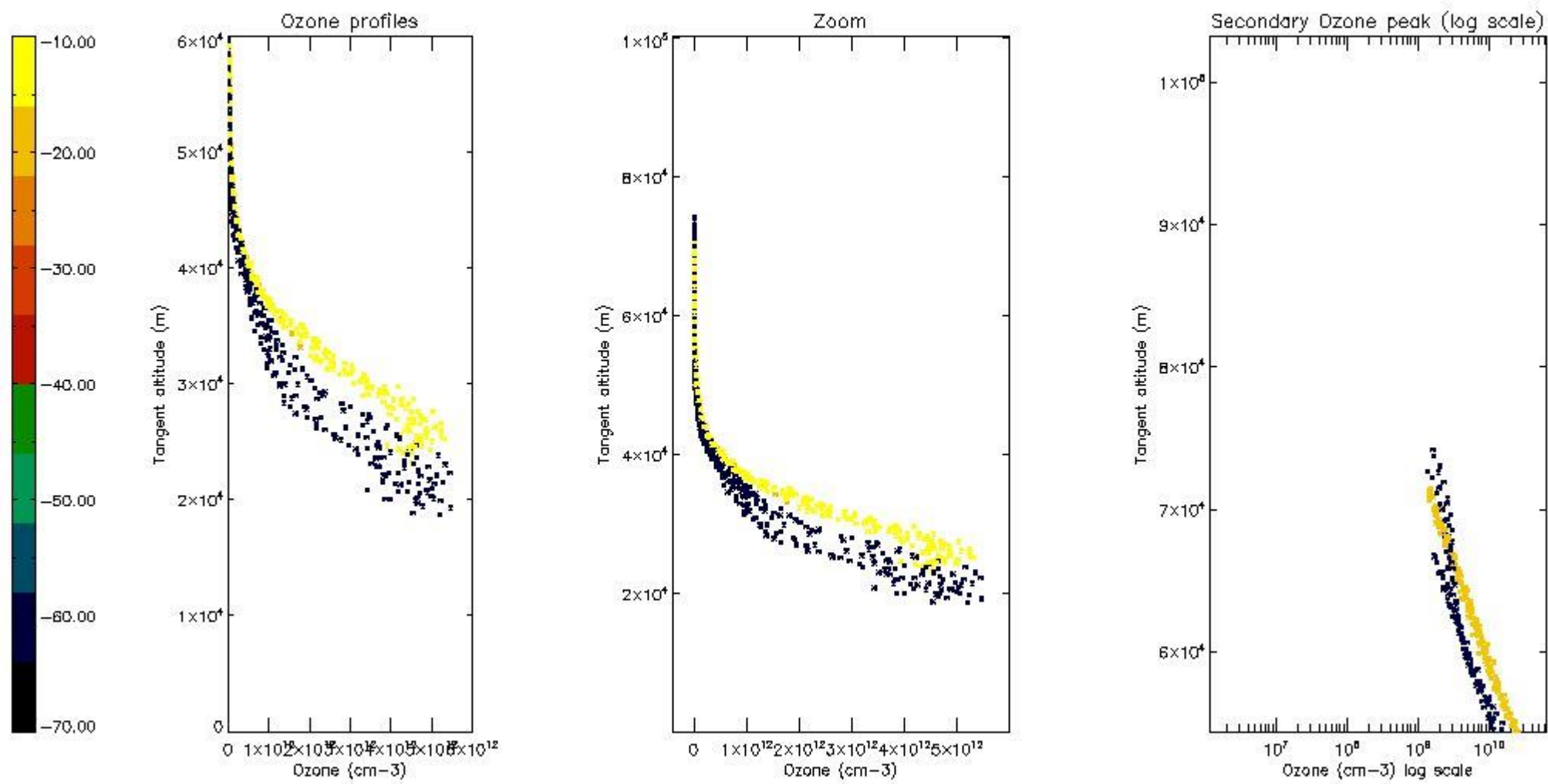
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



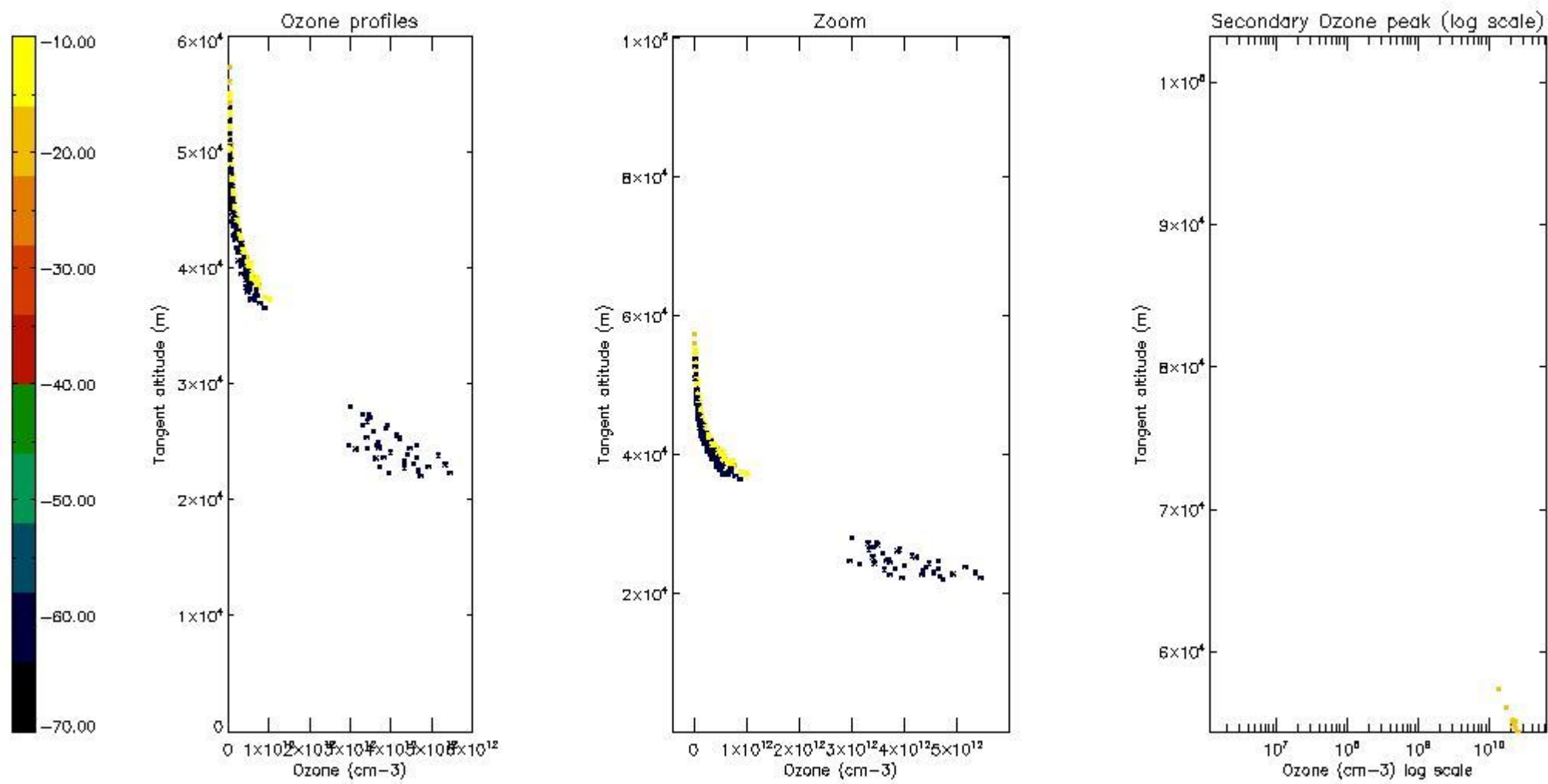
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



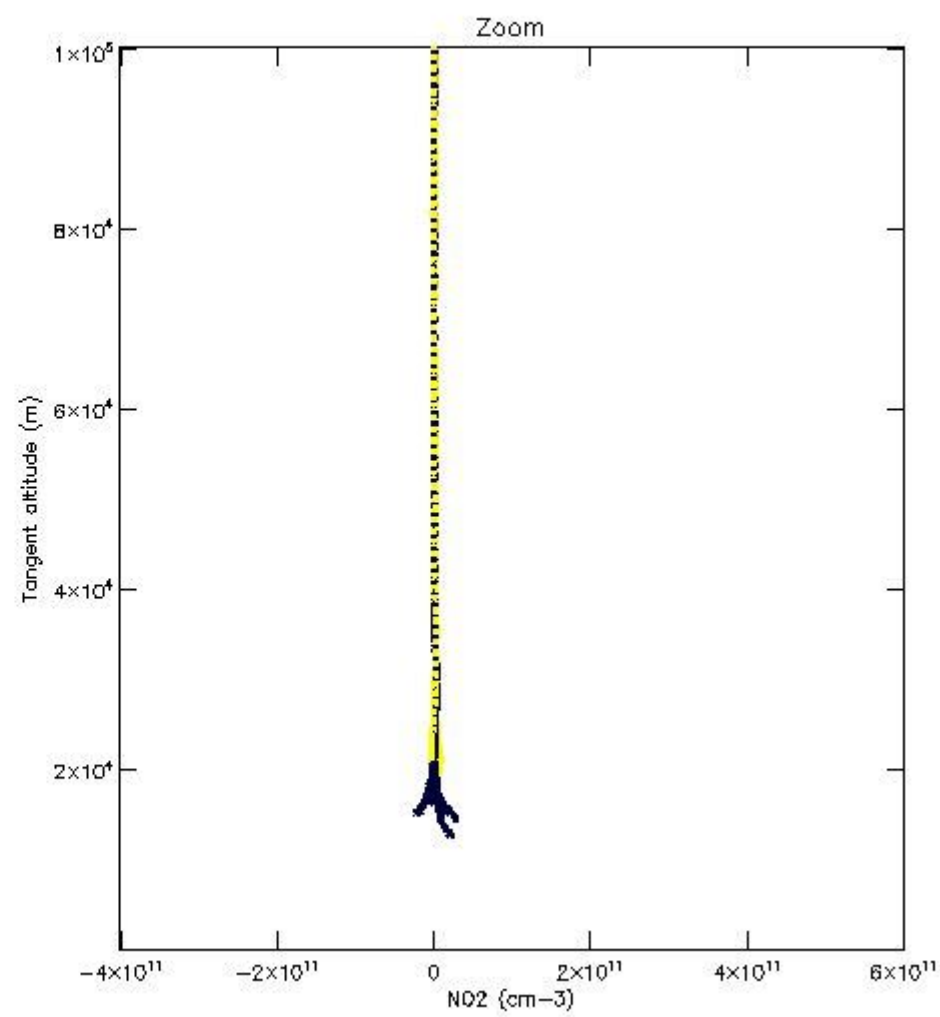
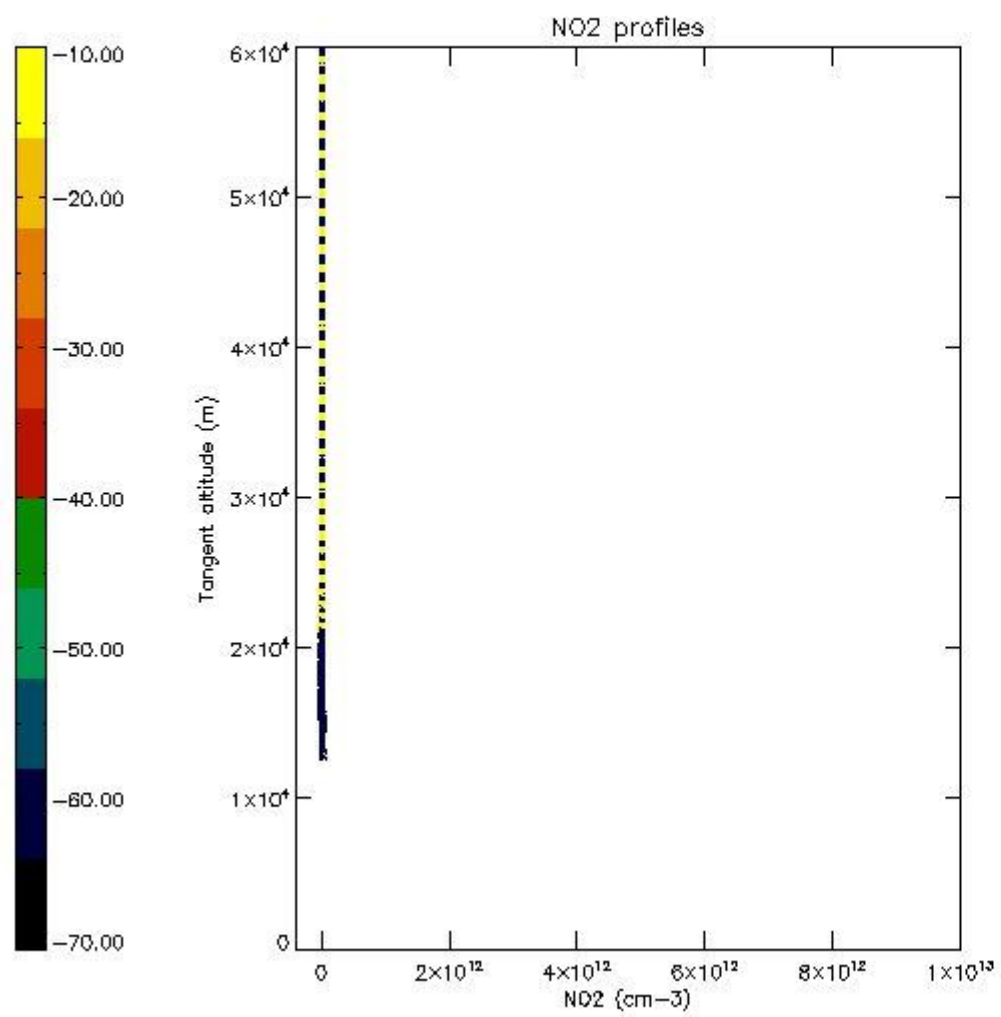
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



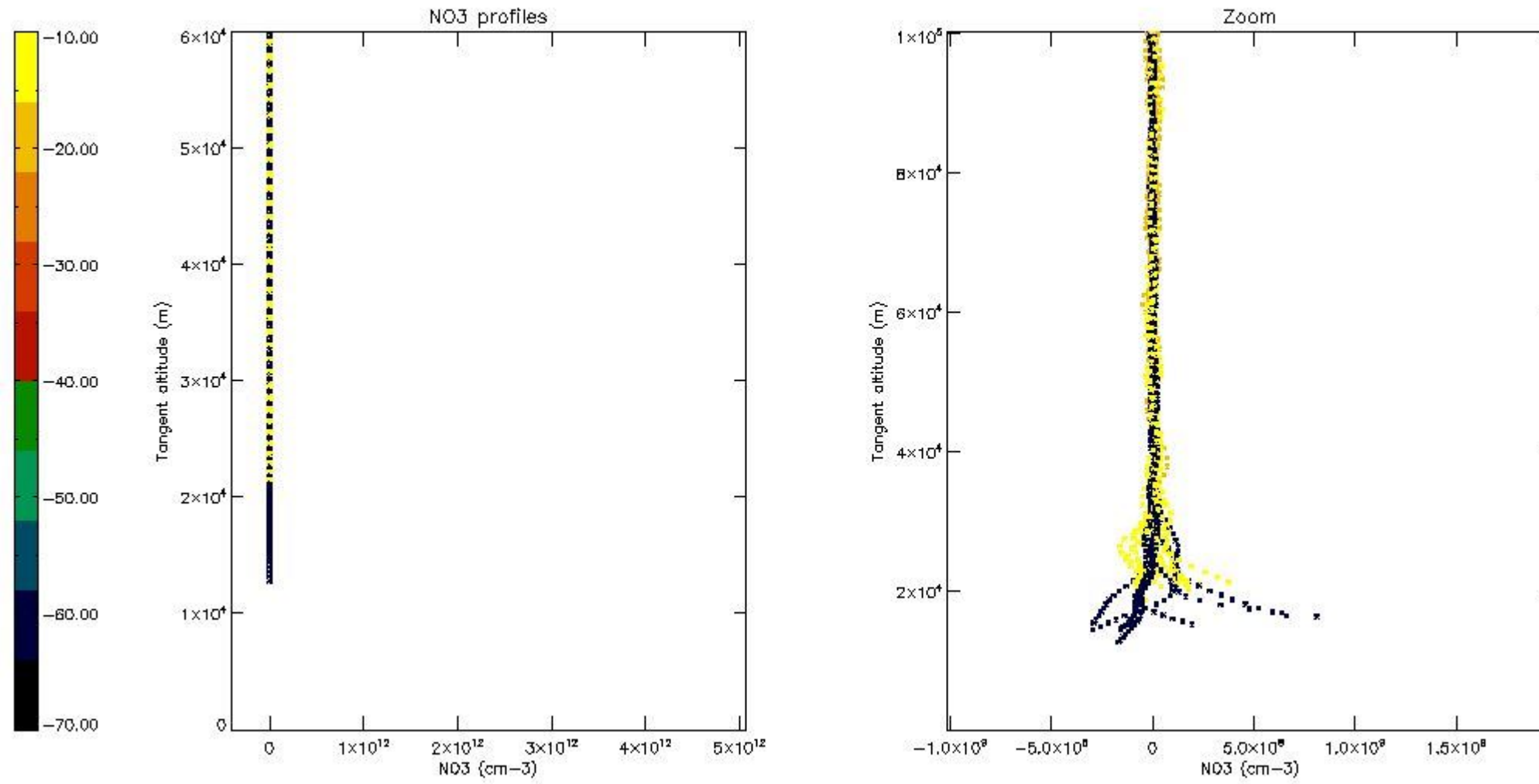
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

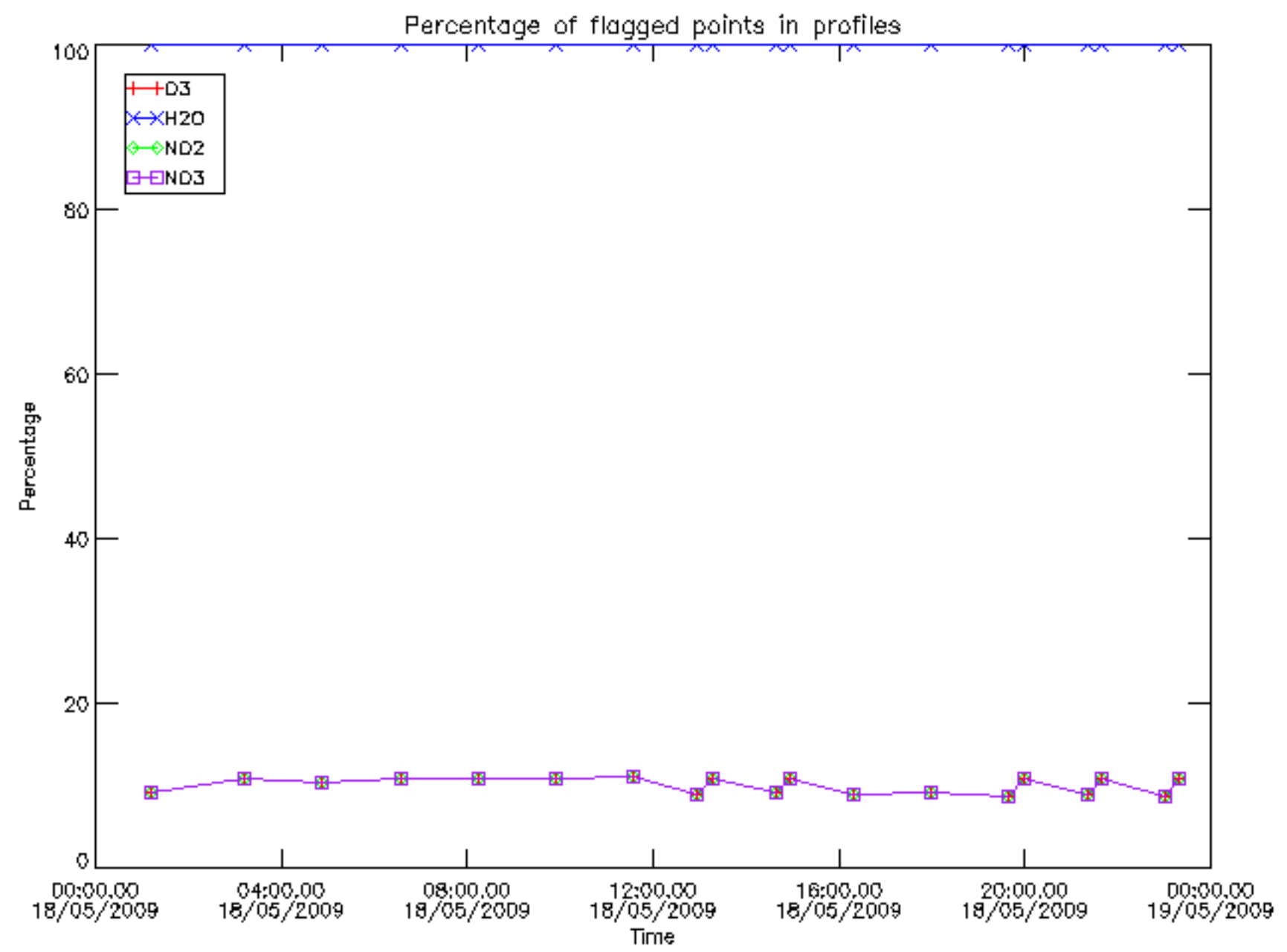
The colorbar represents the latitude.



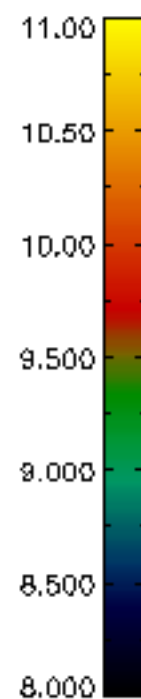
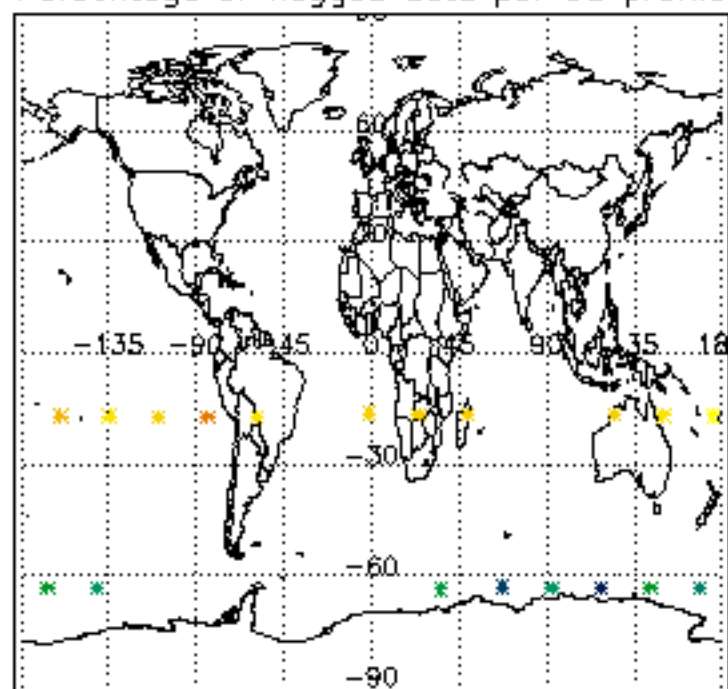
6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

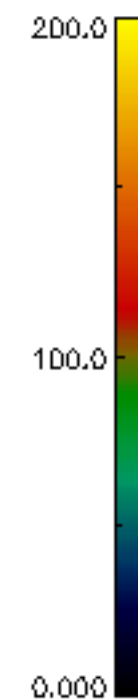
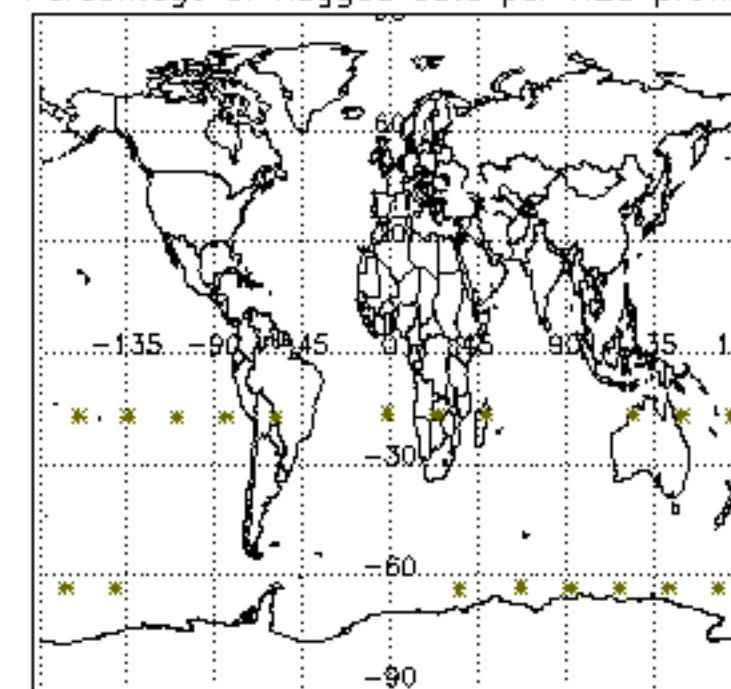
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-MAY-2009 00:07:04
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-MAY-2009 00:07:04
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-MAY-2009 00:07:04



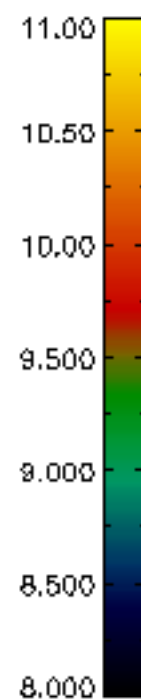
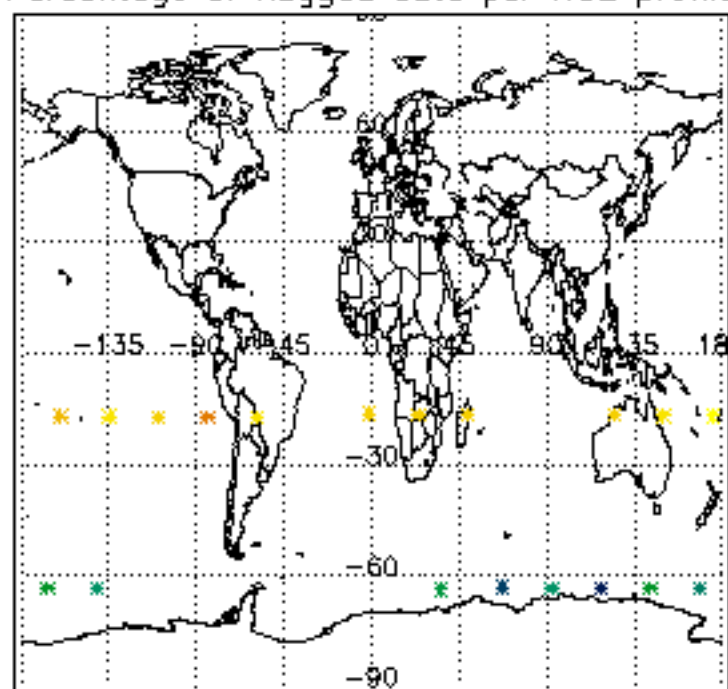
Percentage of flagged data per D3 profile



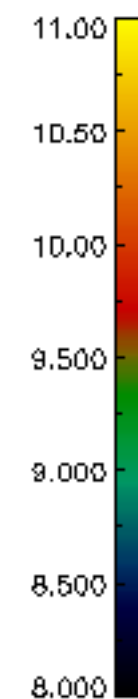
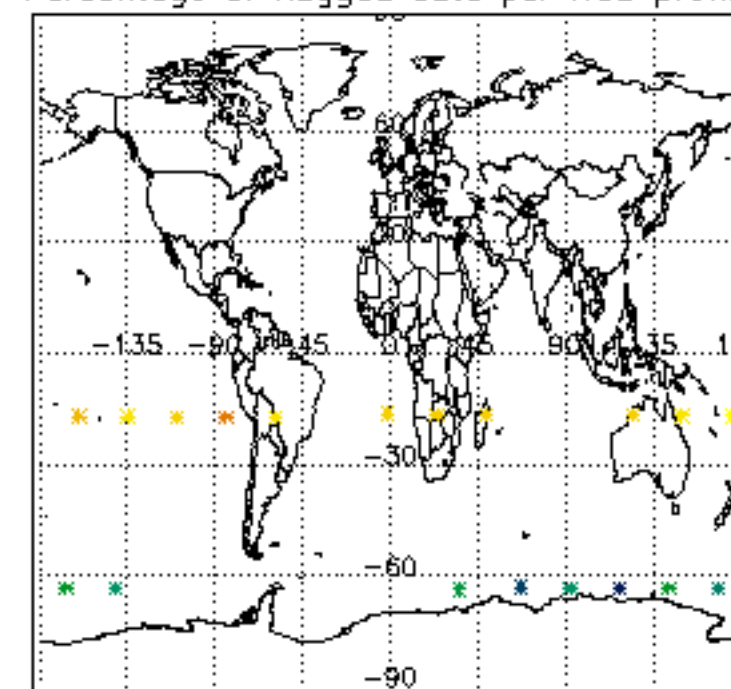
Percentage of flagged data per H2O profile

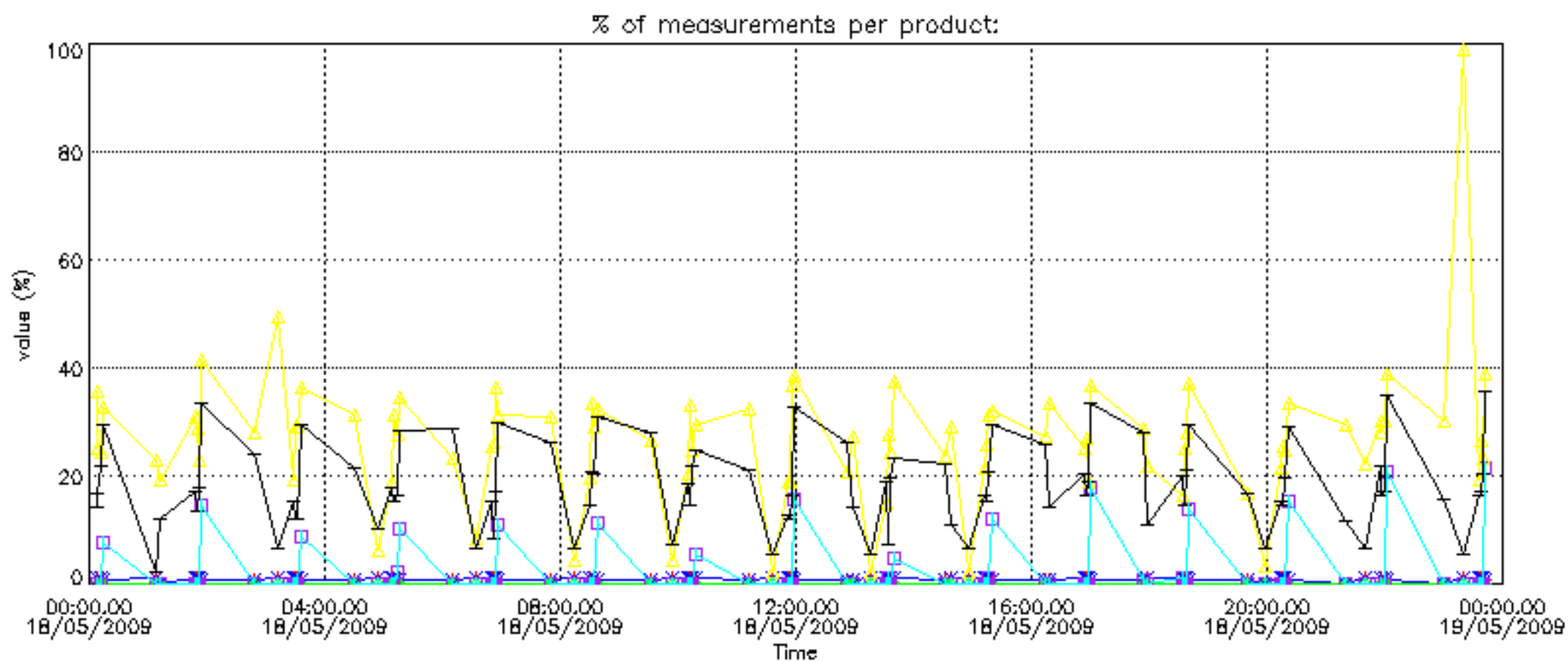


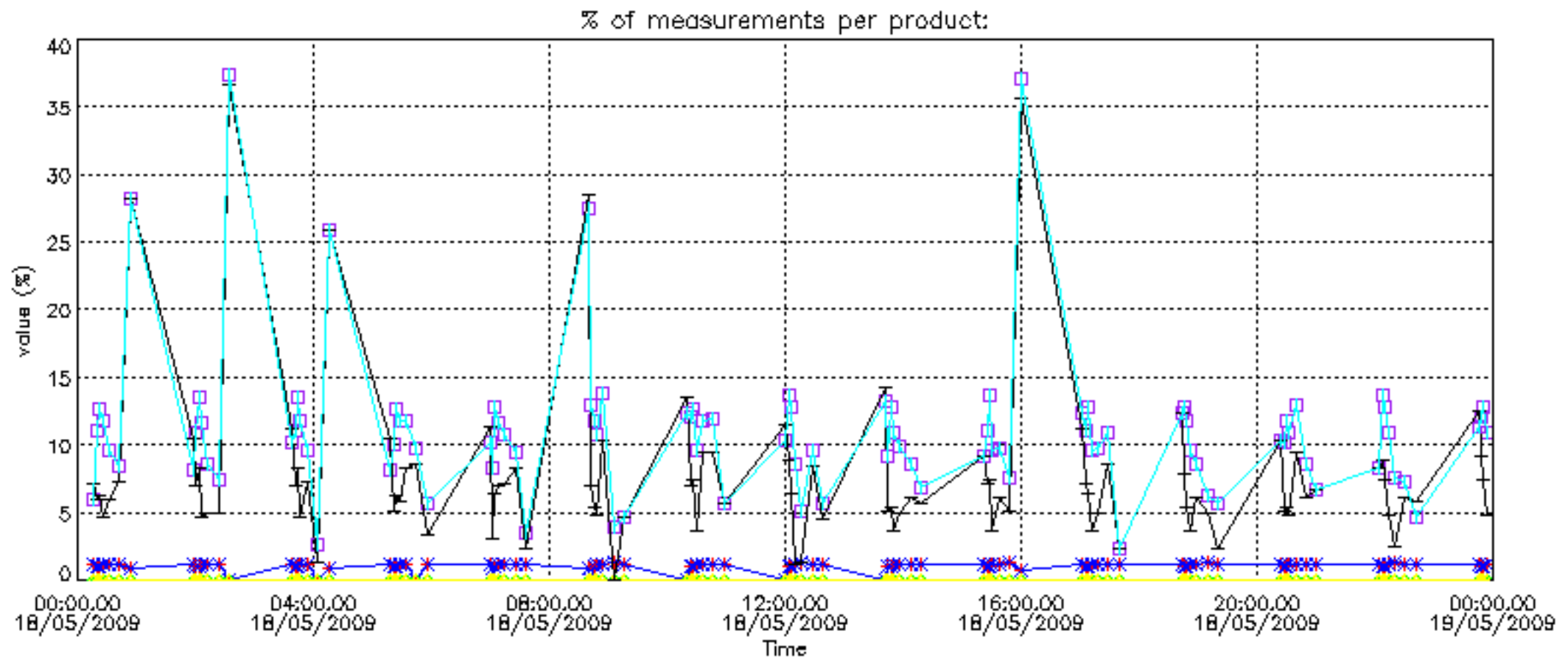
Percentage of flagged data per NO2 profile



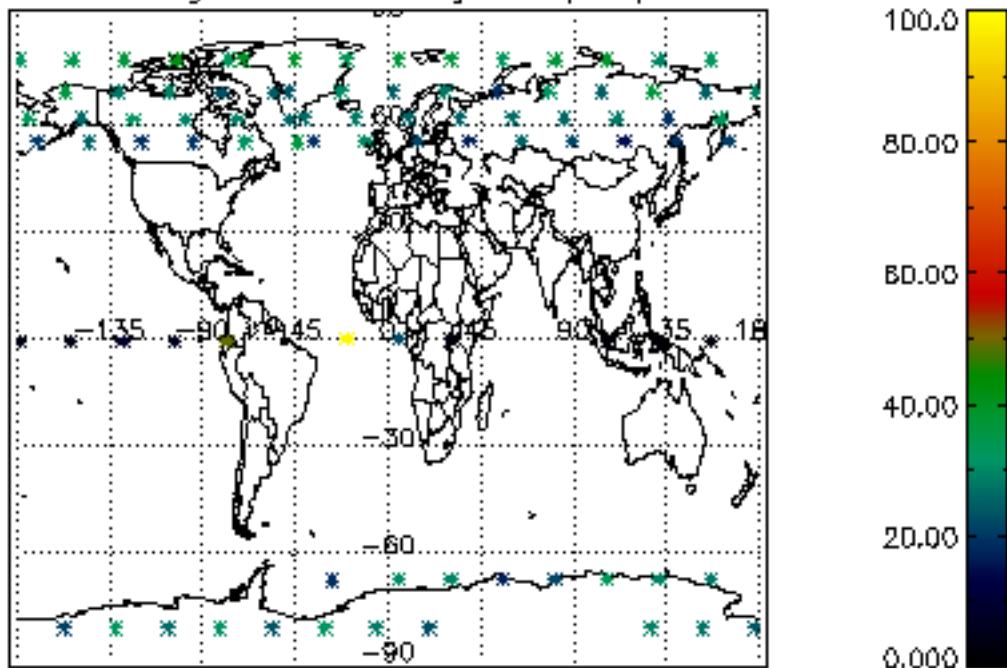
Percentage of flagged data per NO3 profile



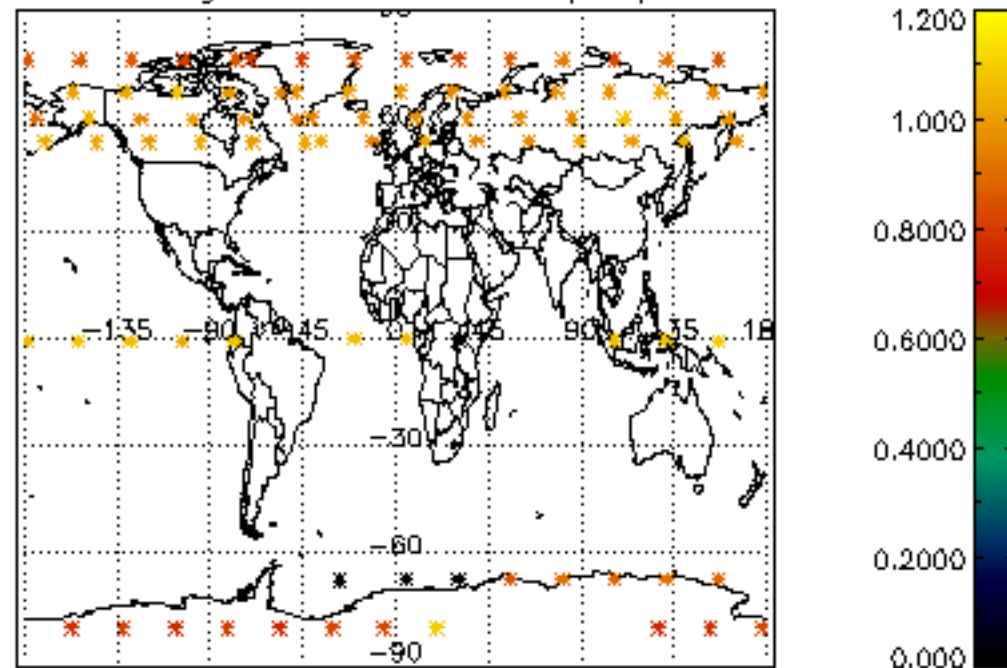




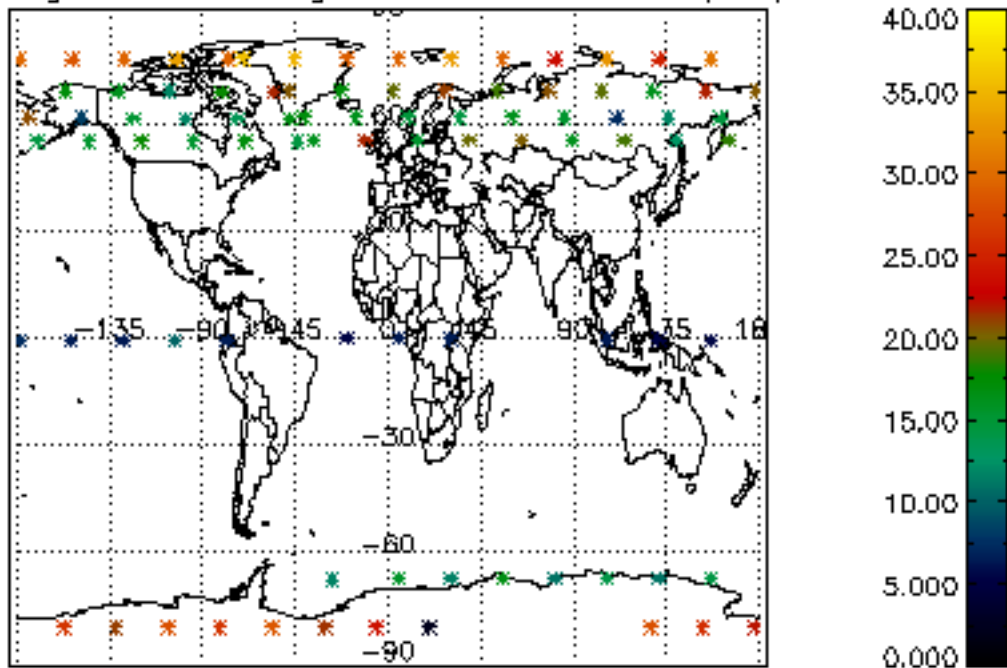
Percentage of cosmic ray hits per profile



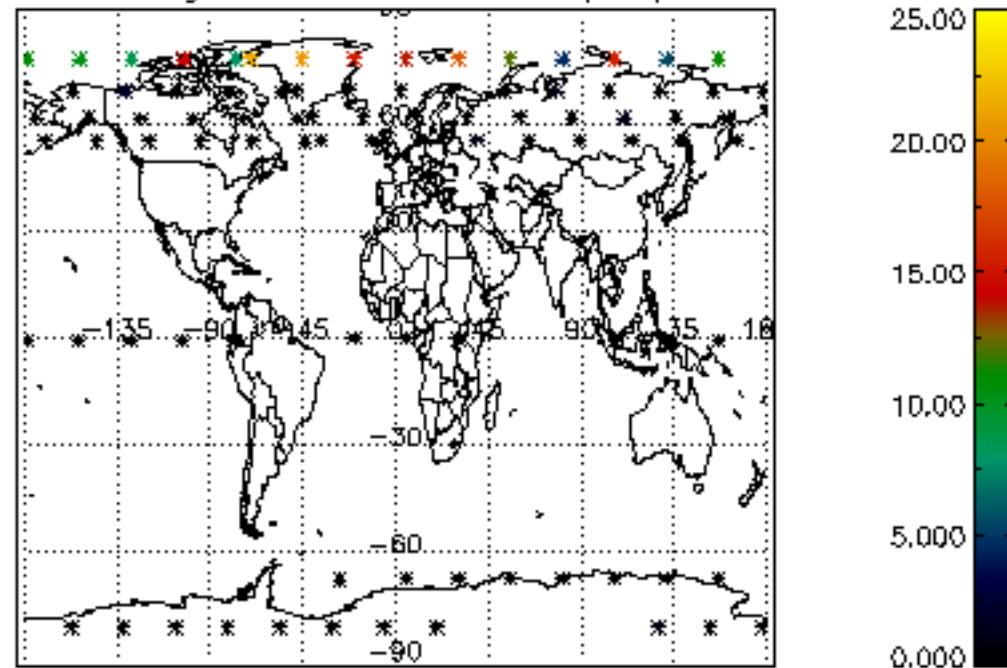
Percentage of datation errors per profile



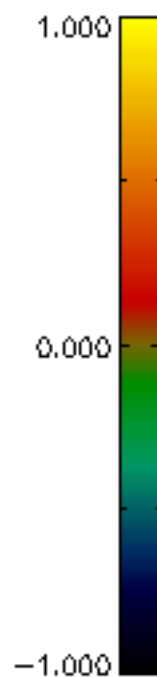
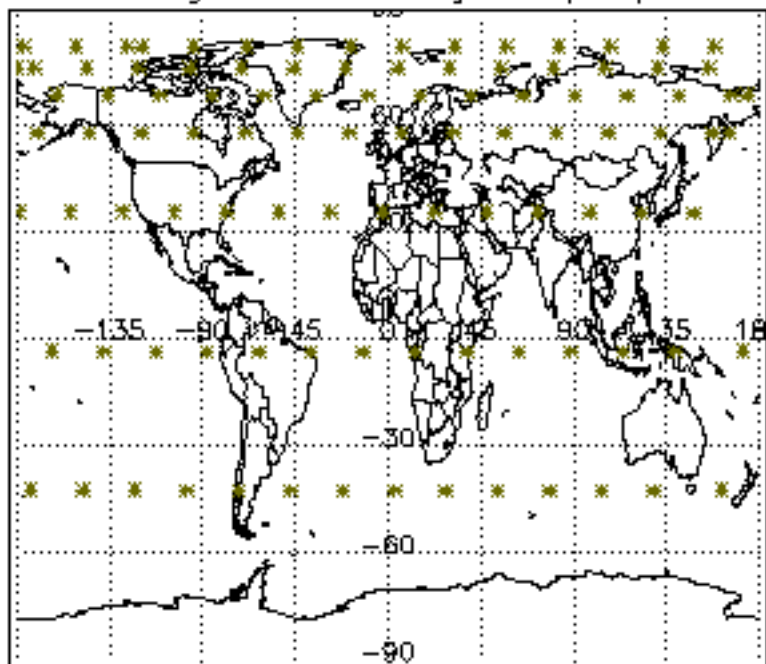
Percentage of star falling outside central band per profile



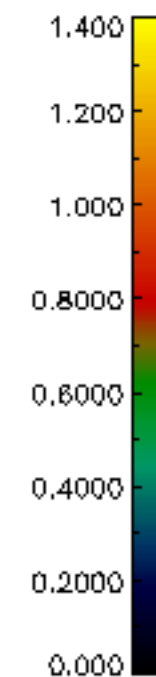
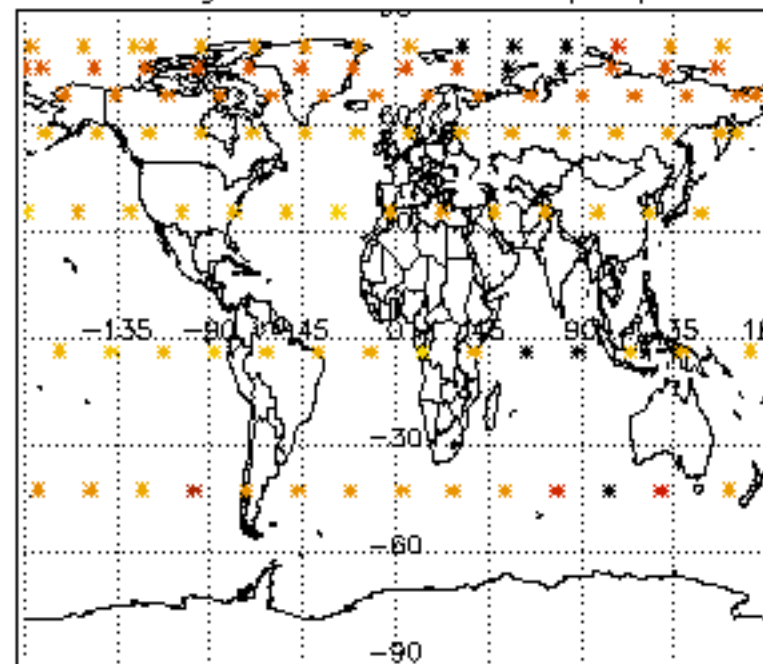
Percentage of saturation errors per profile



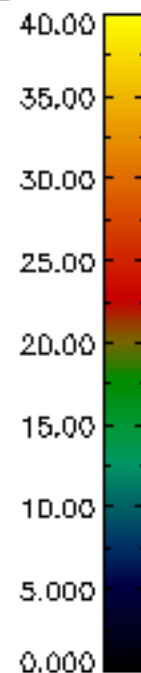
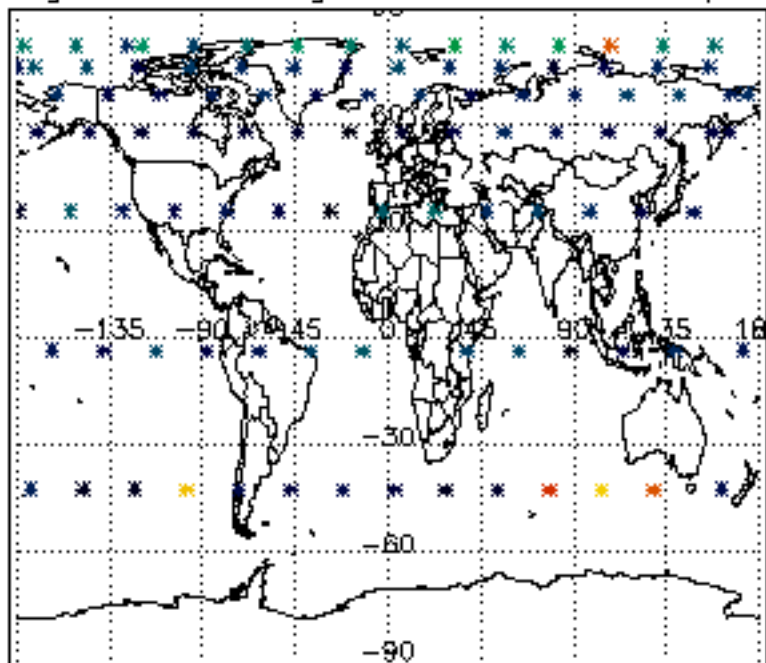
Percentage of cosmic ray hits per profile



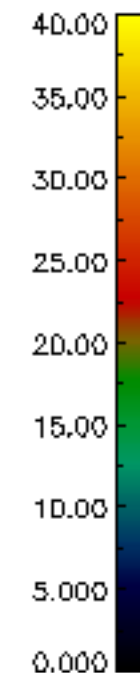
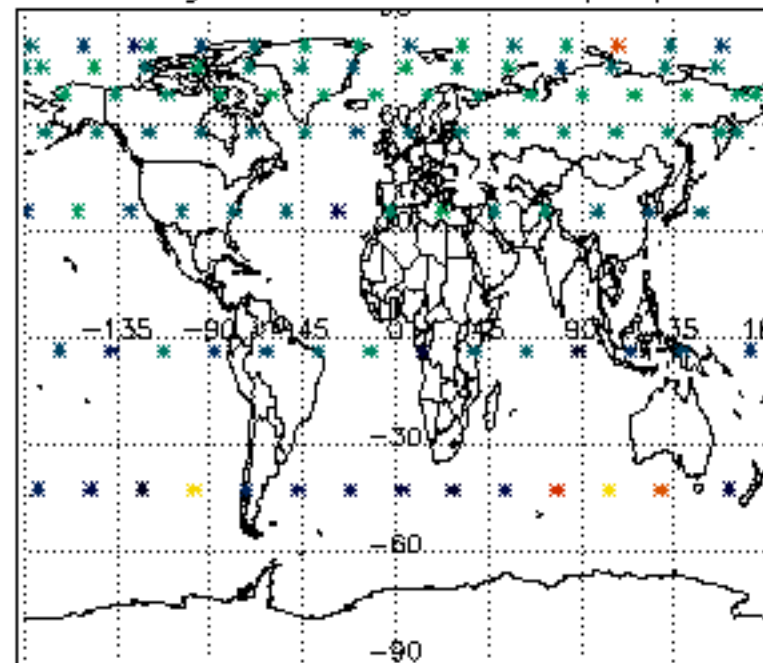
Percentage of datation errors per profile

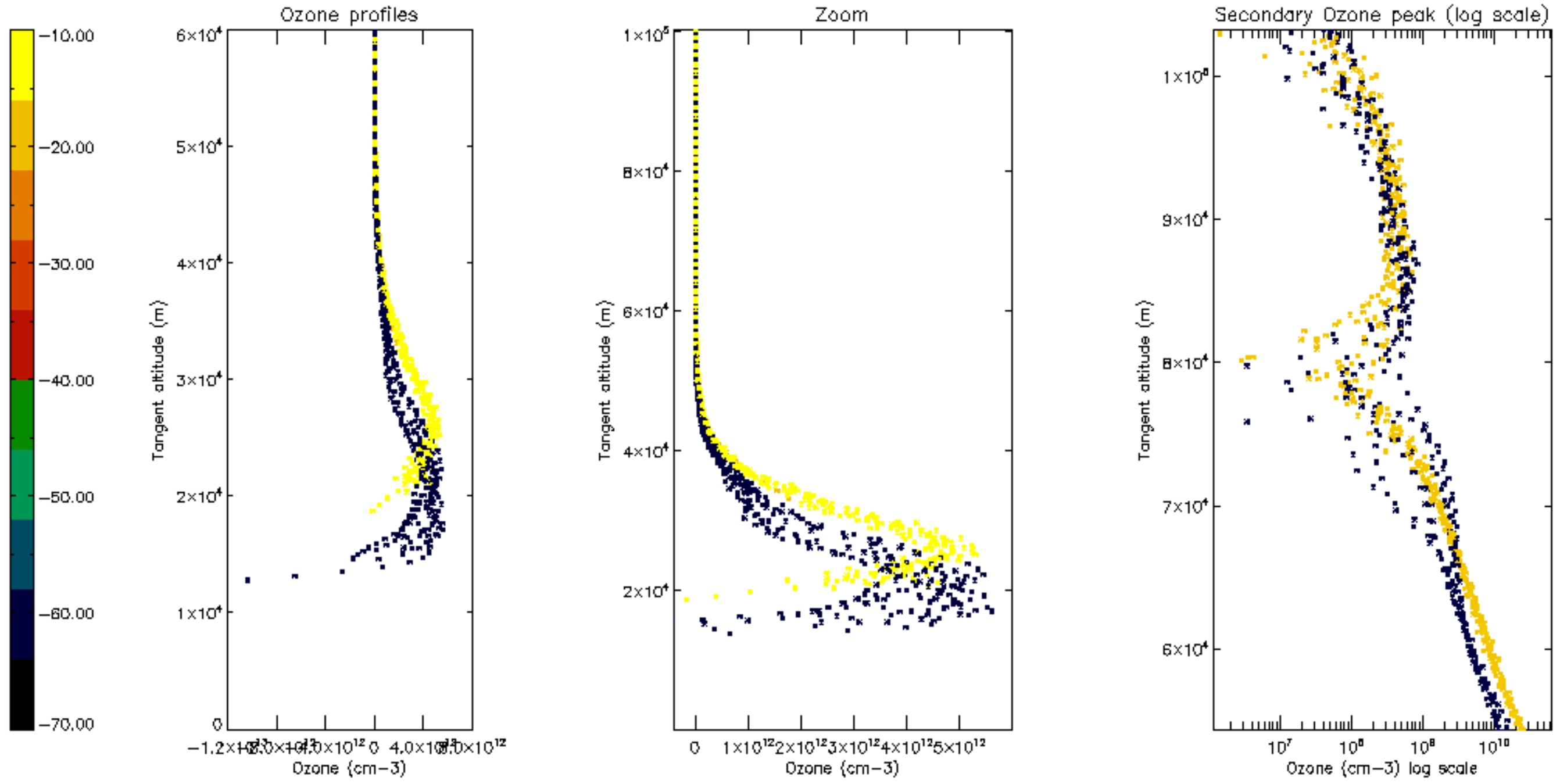


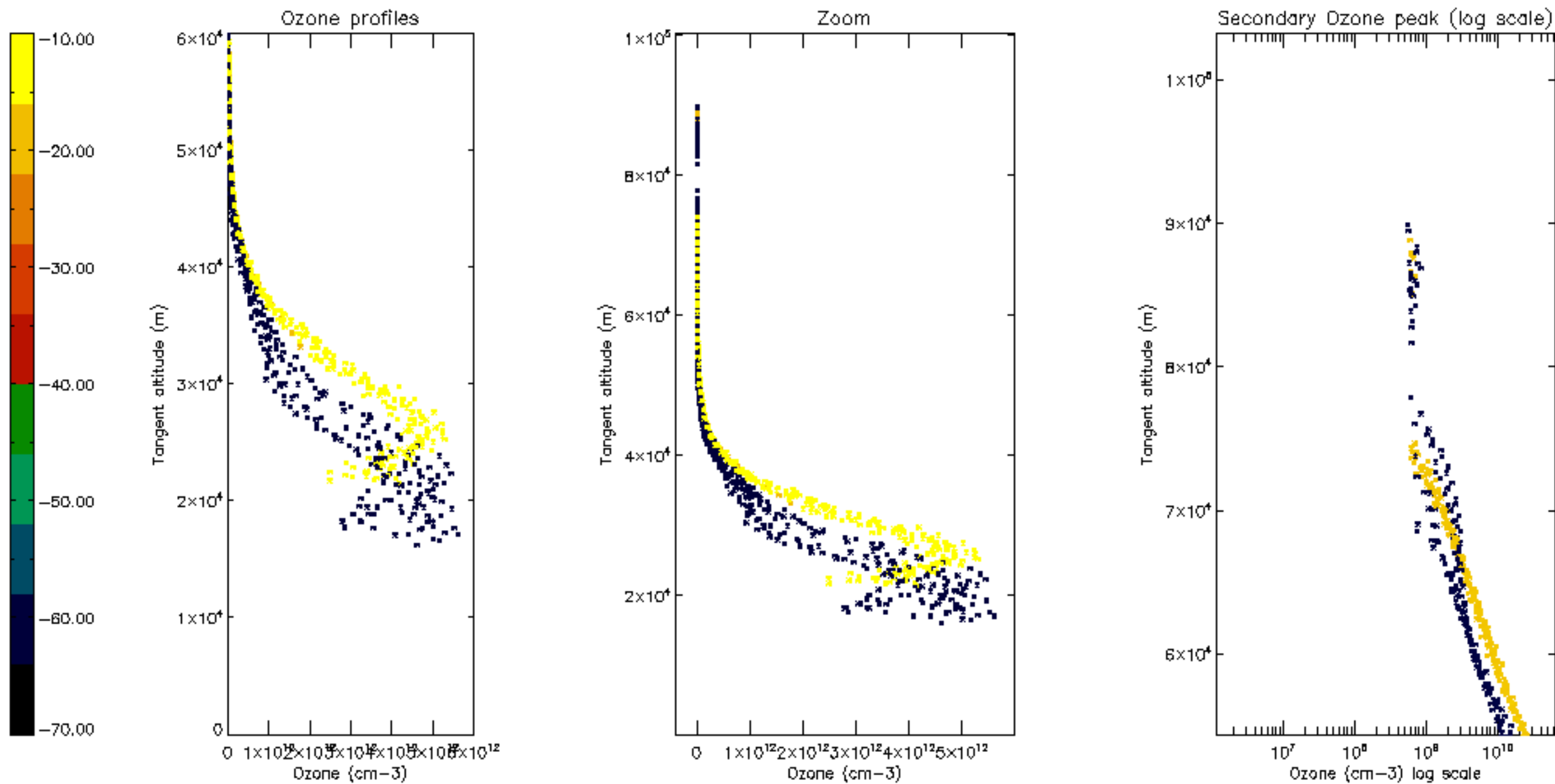
Percentage of star falling outside central band per profile

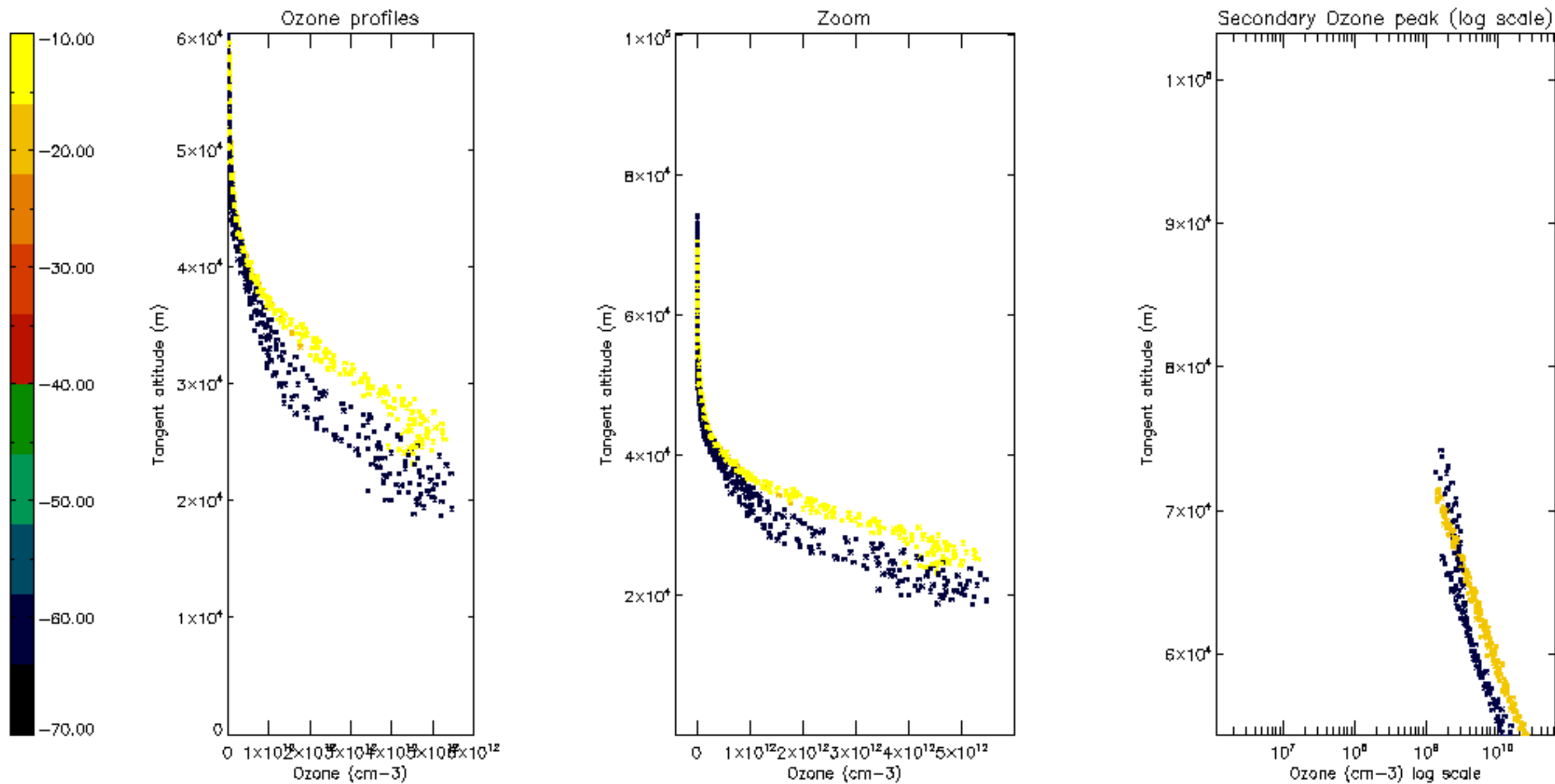


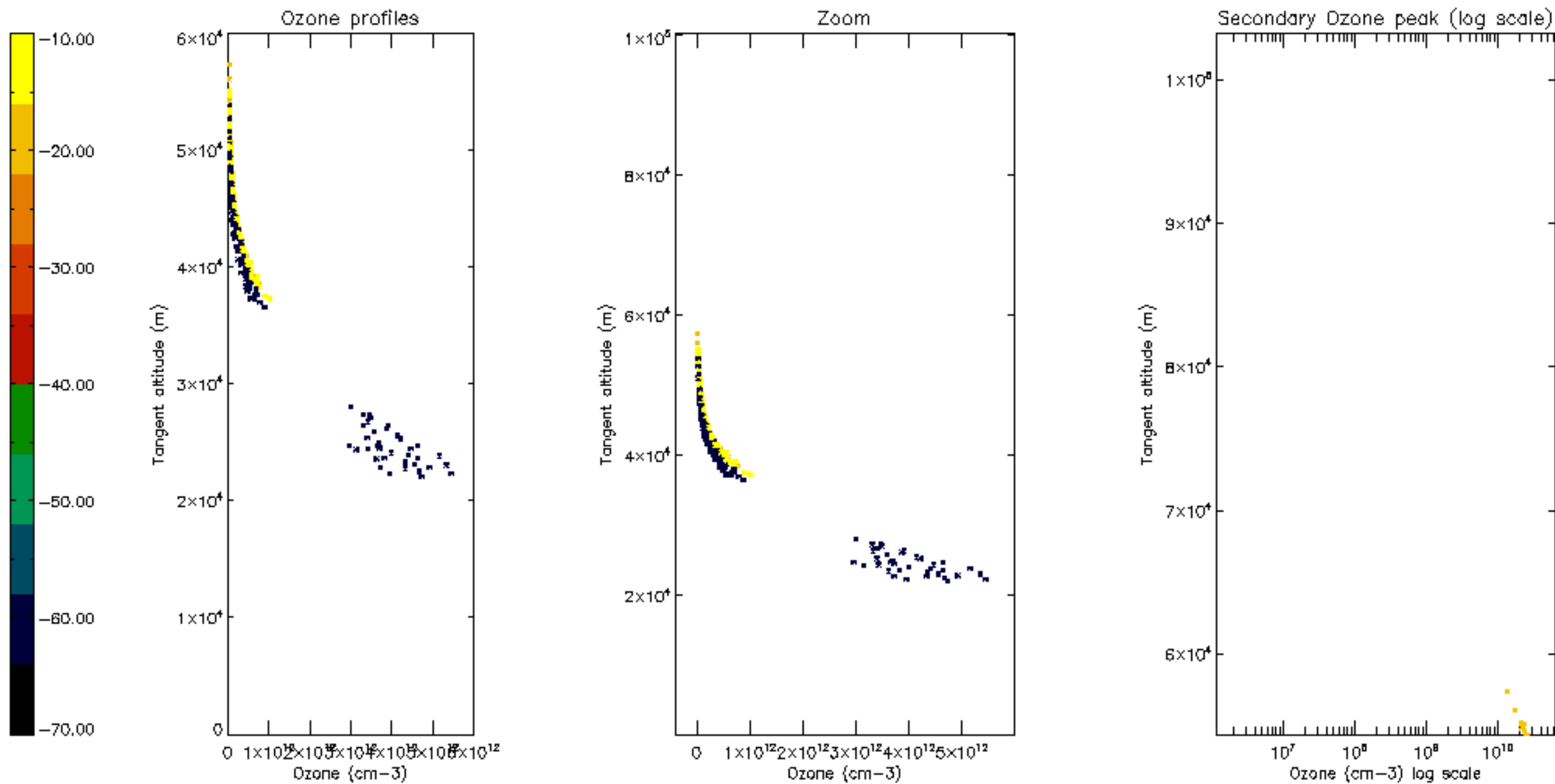
Percentage of saturation errors per profile

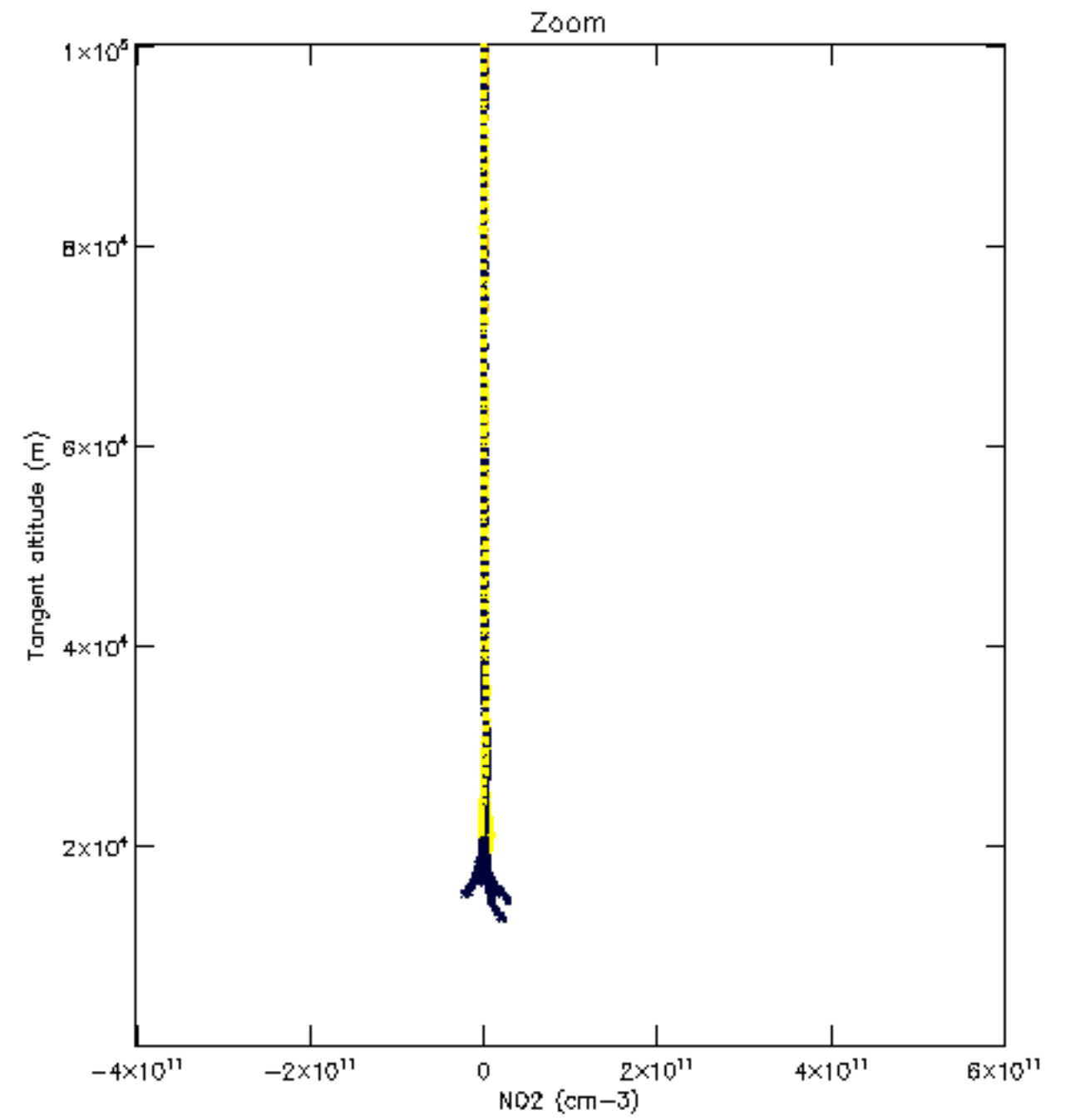
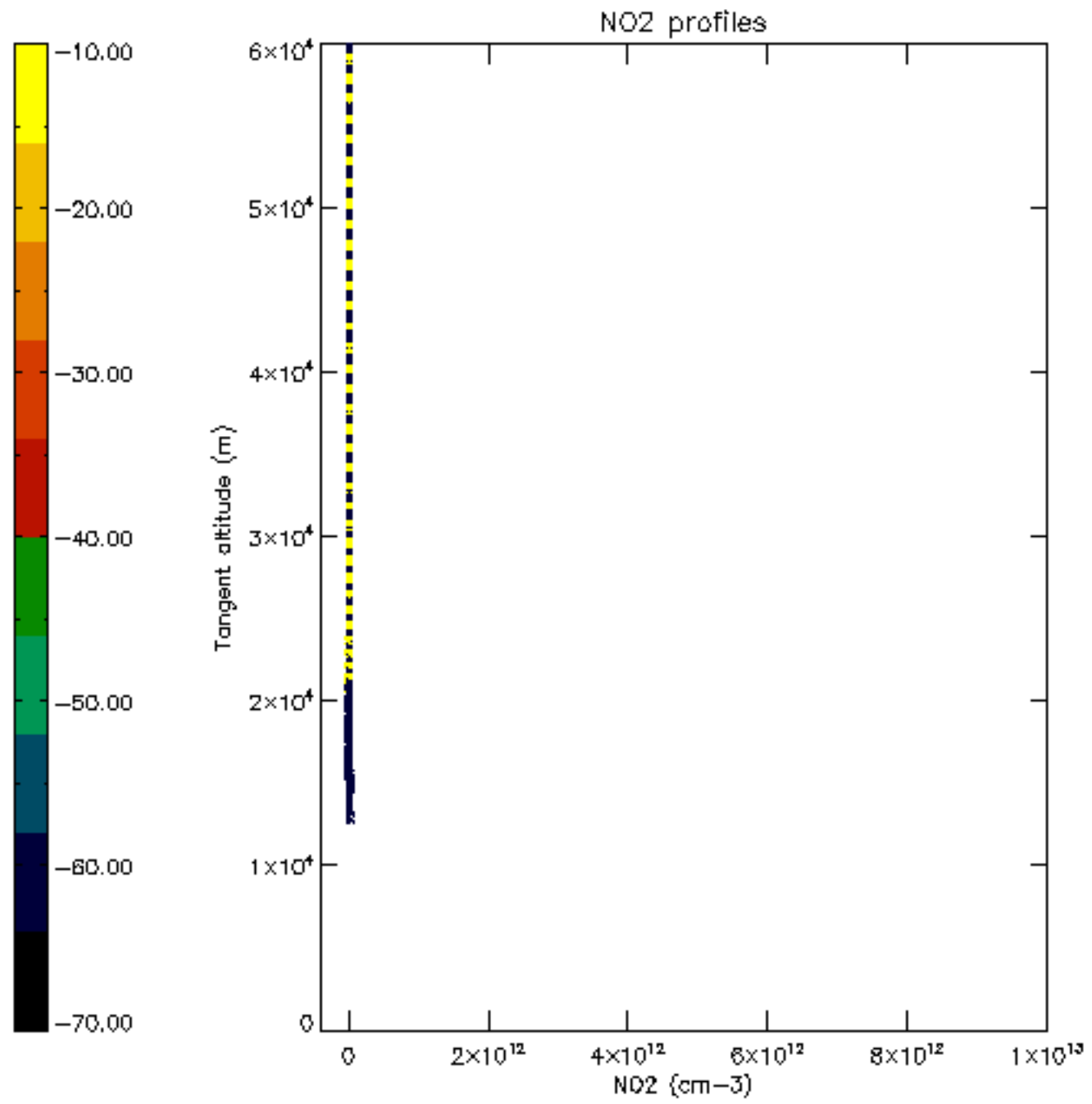


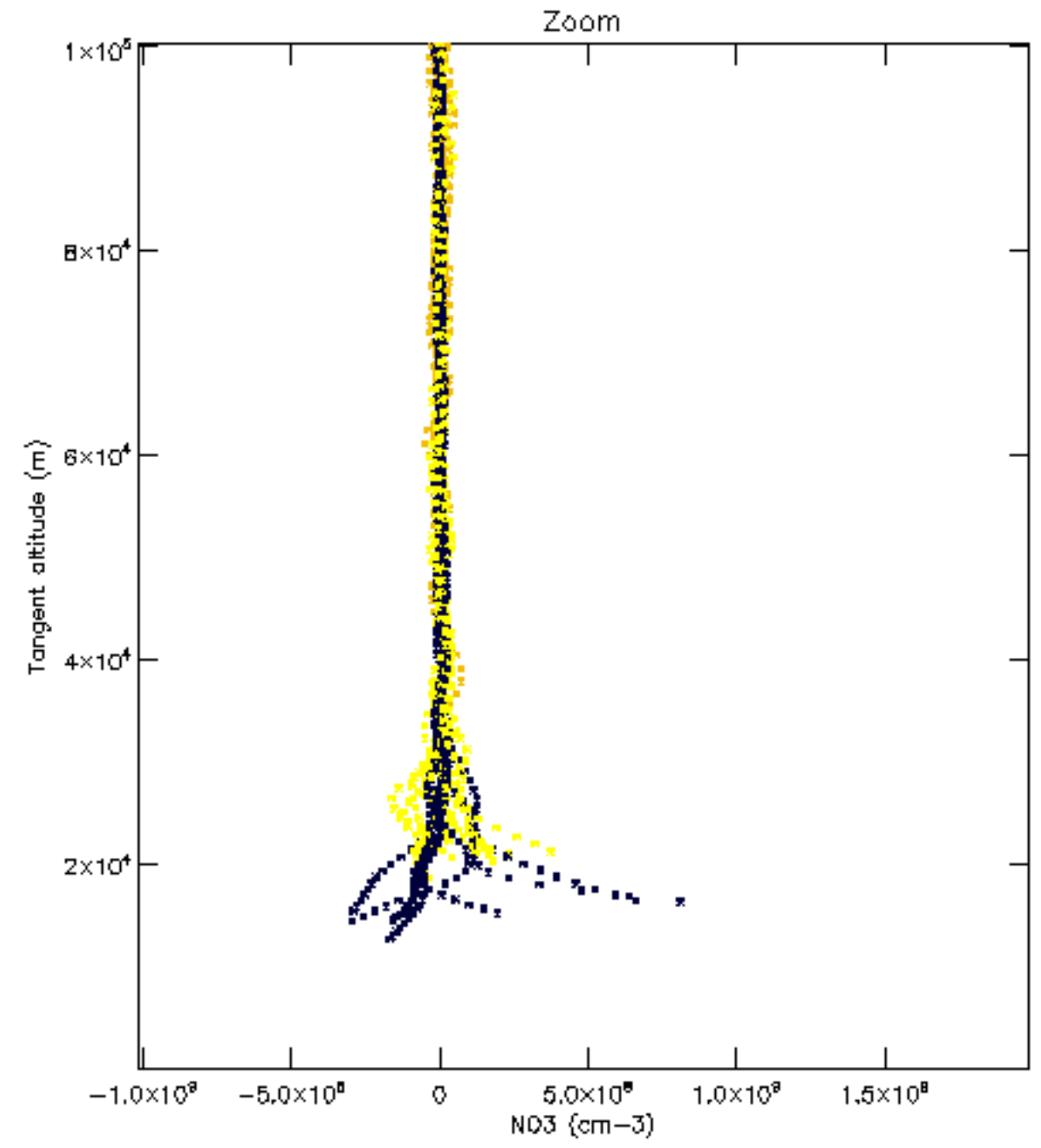
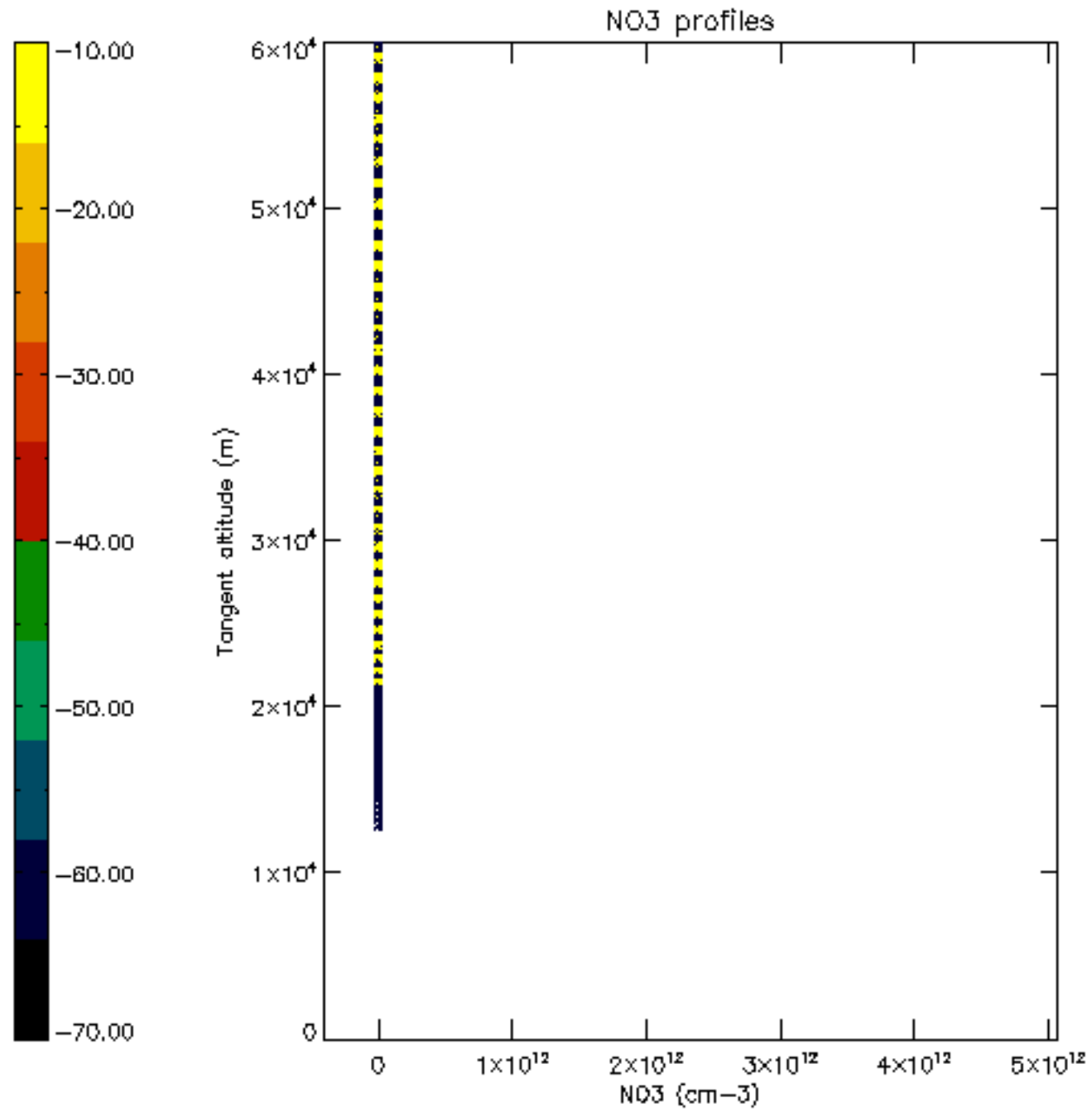


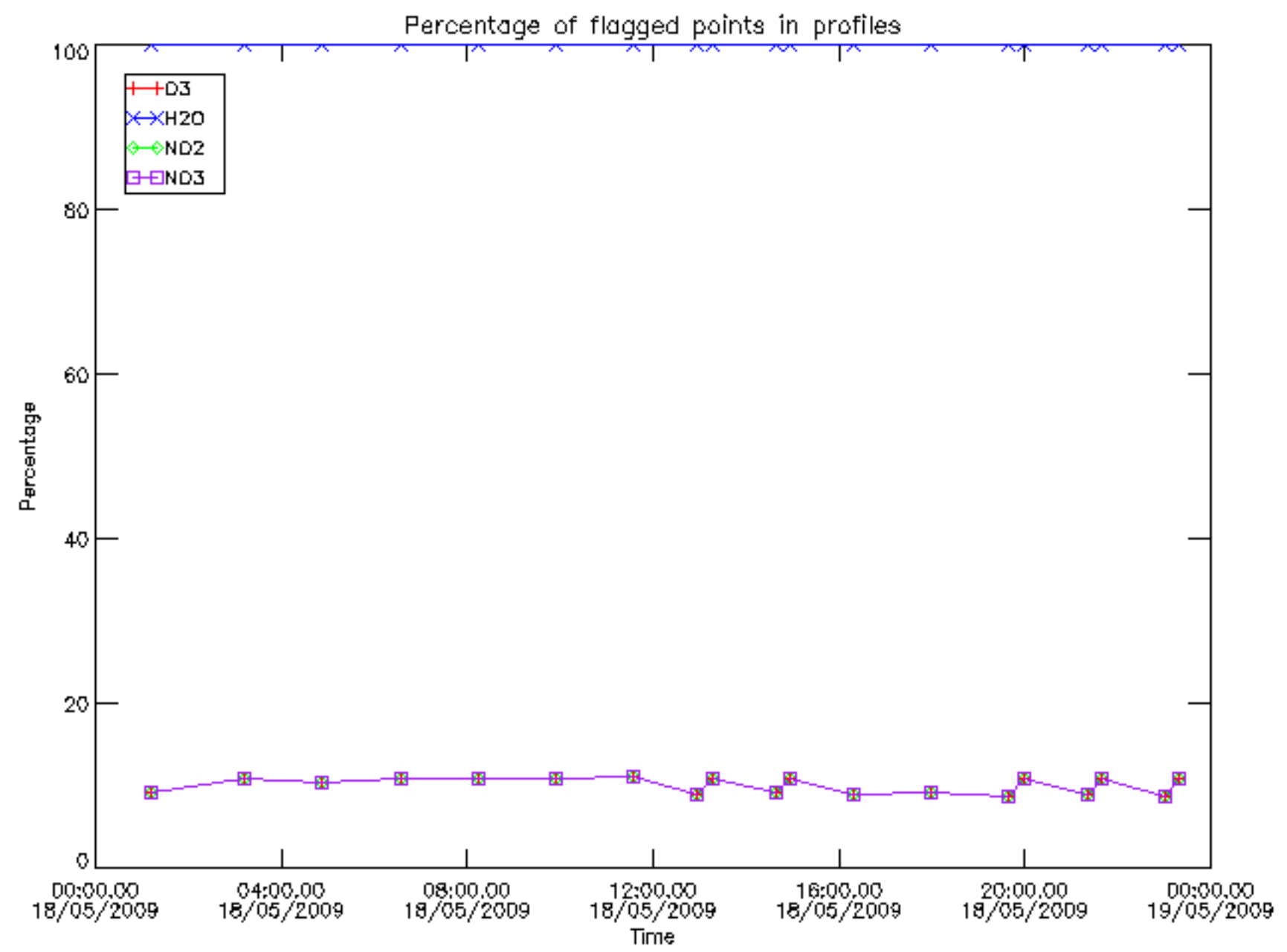




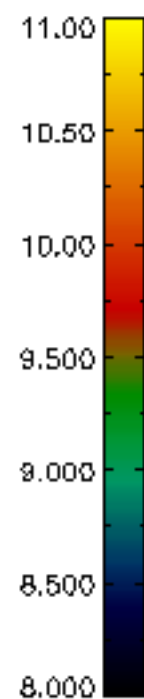
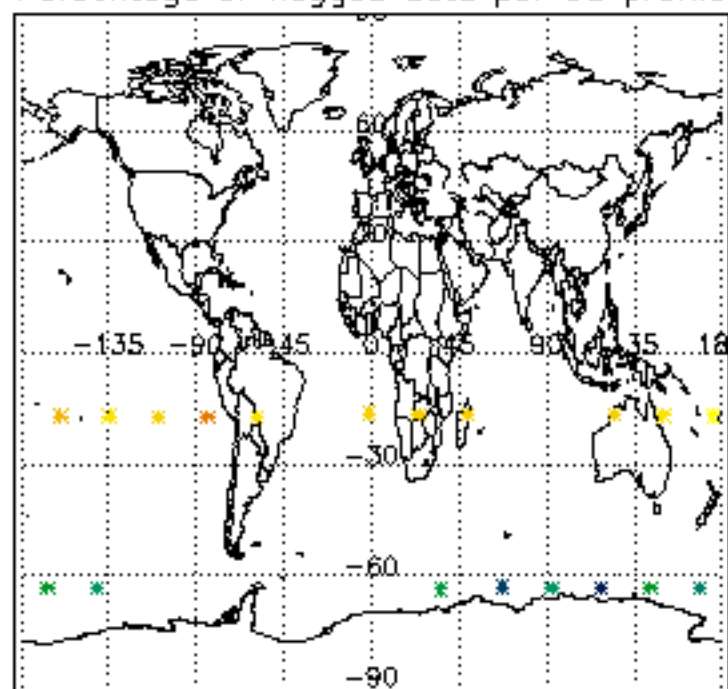




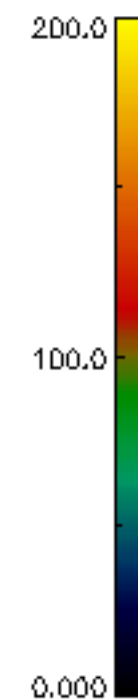
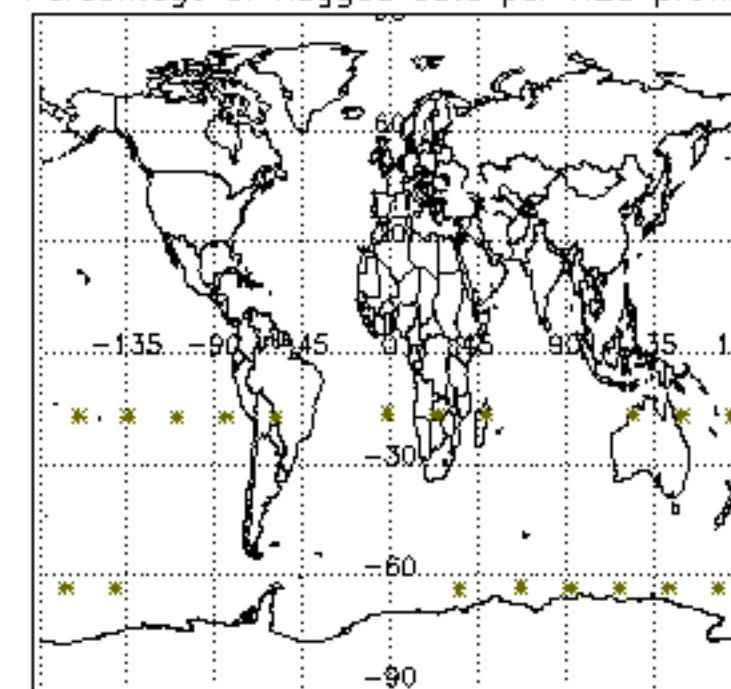




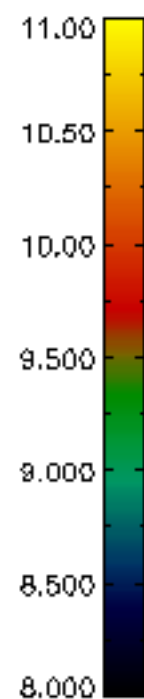
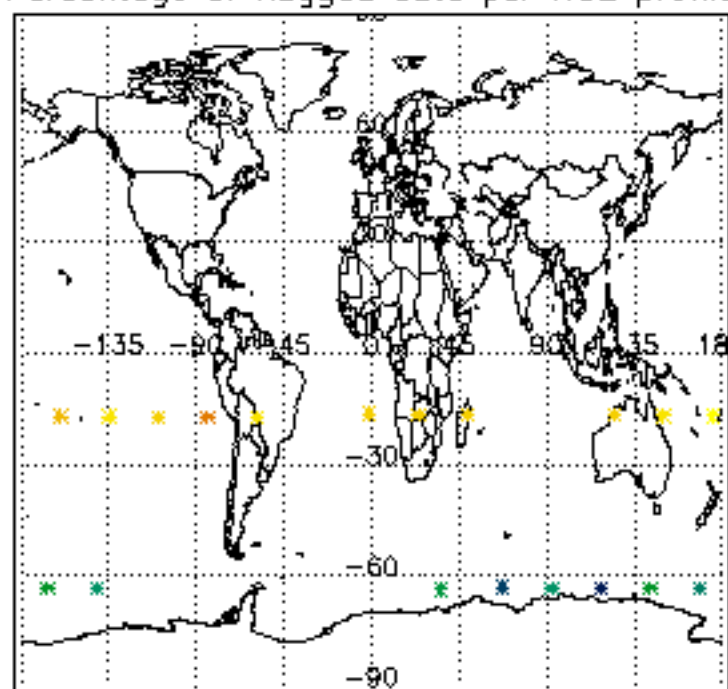
Percentage of flagged data per D3 profile



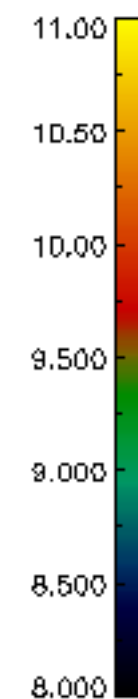
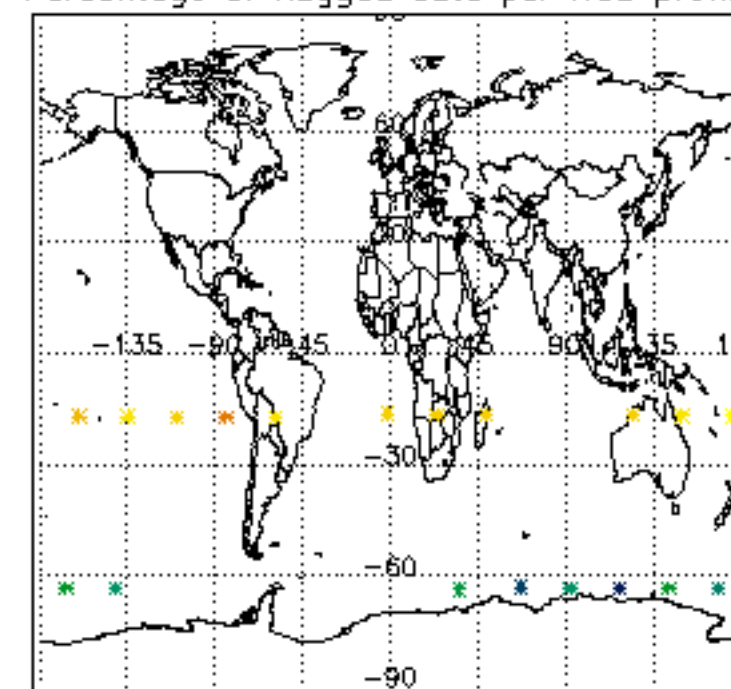
Percentage of flagged data per H2O profile

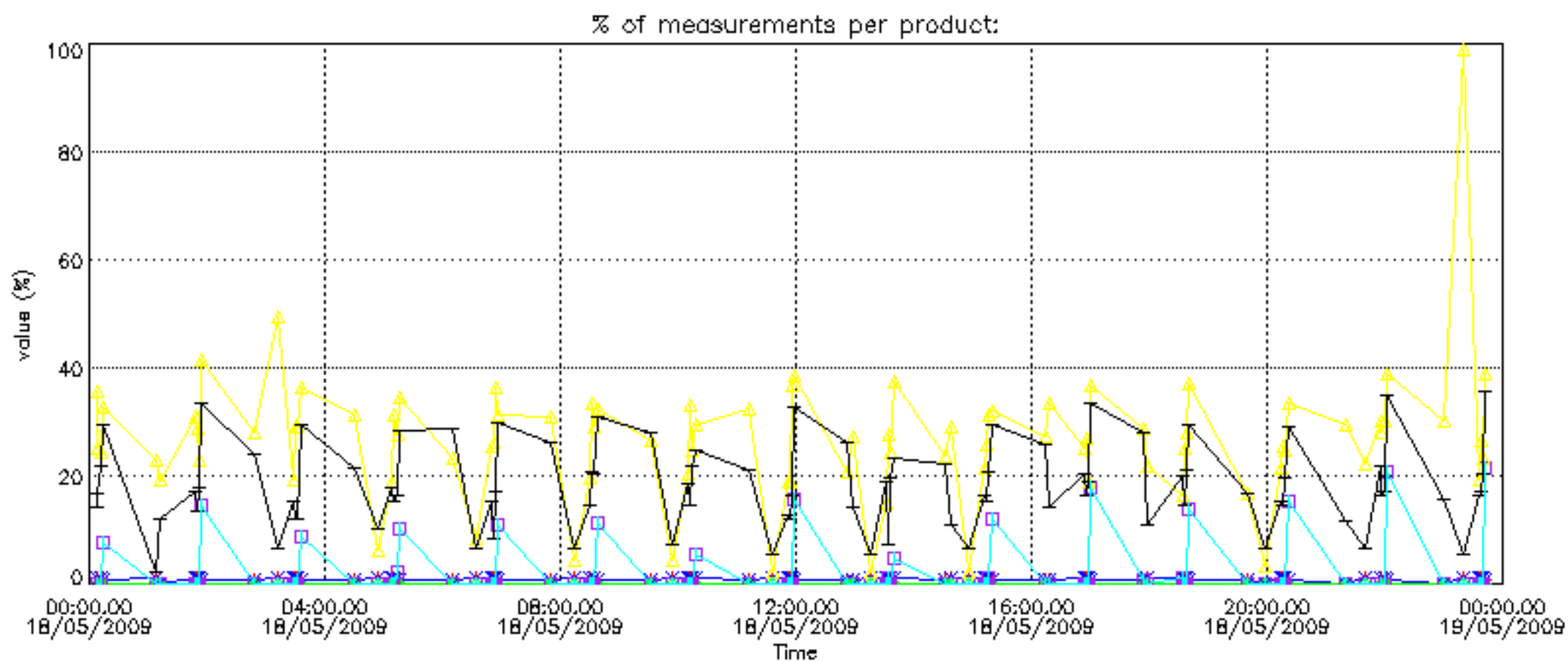


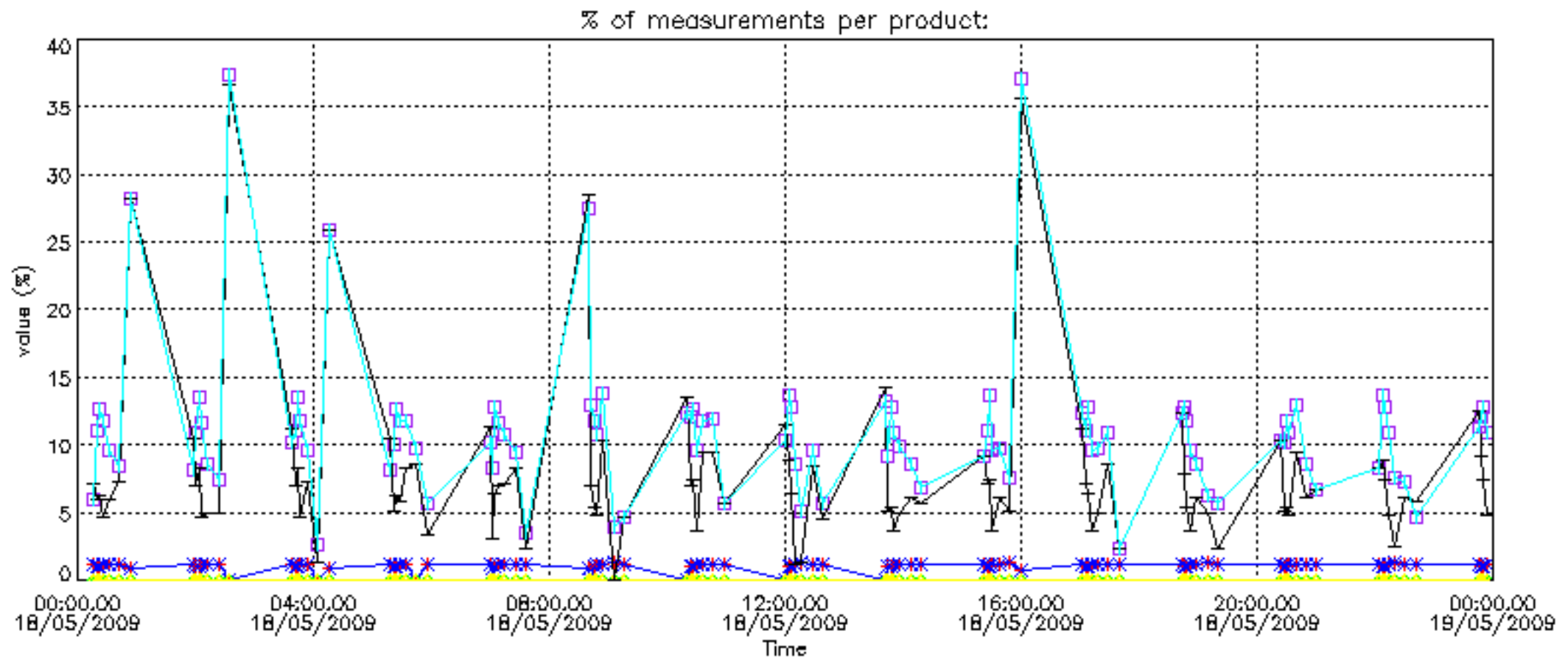
Percentage of flagged data per NO2 profile



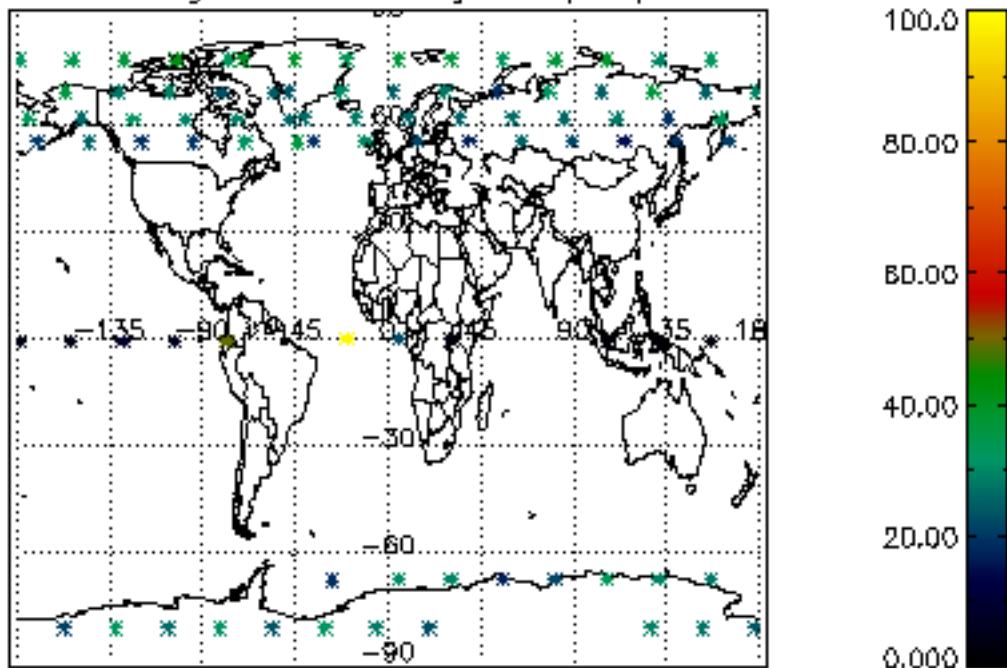
Percentage of flagged data per NO3 profile



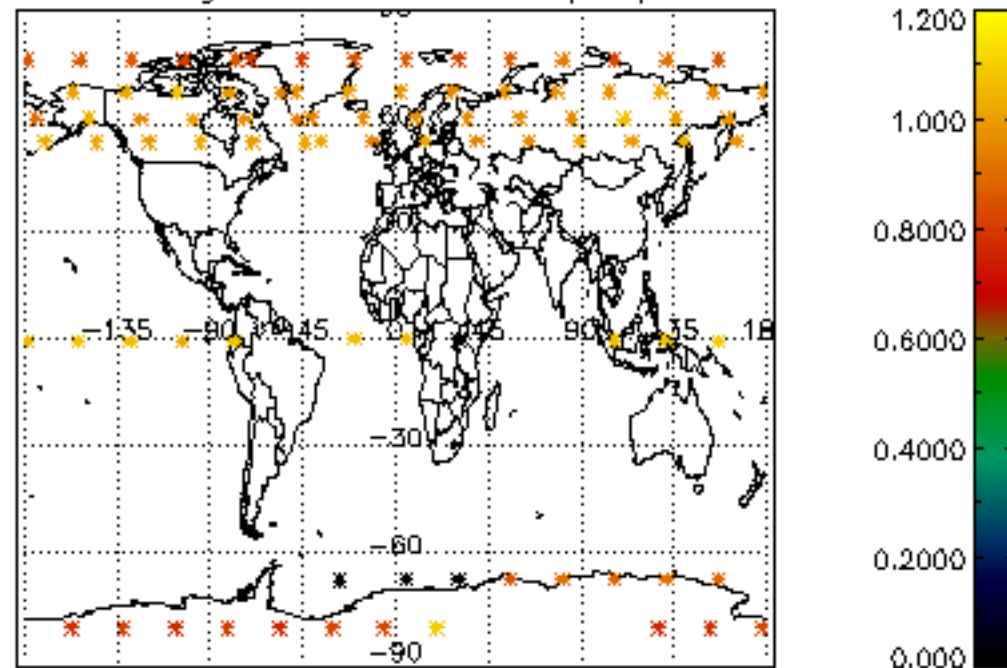




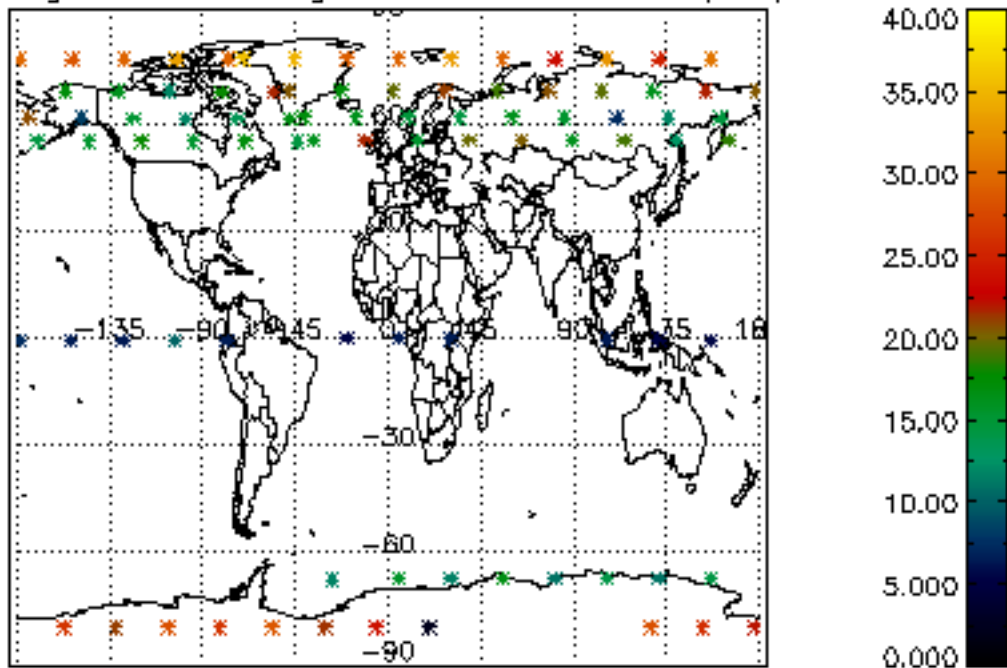
Percentage of cosmic ray hits per profile



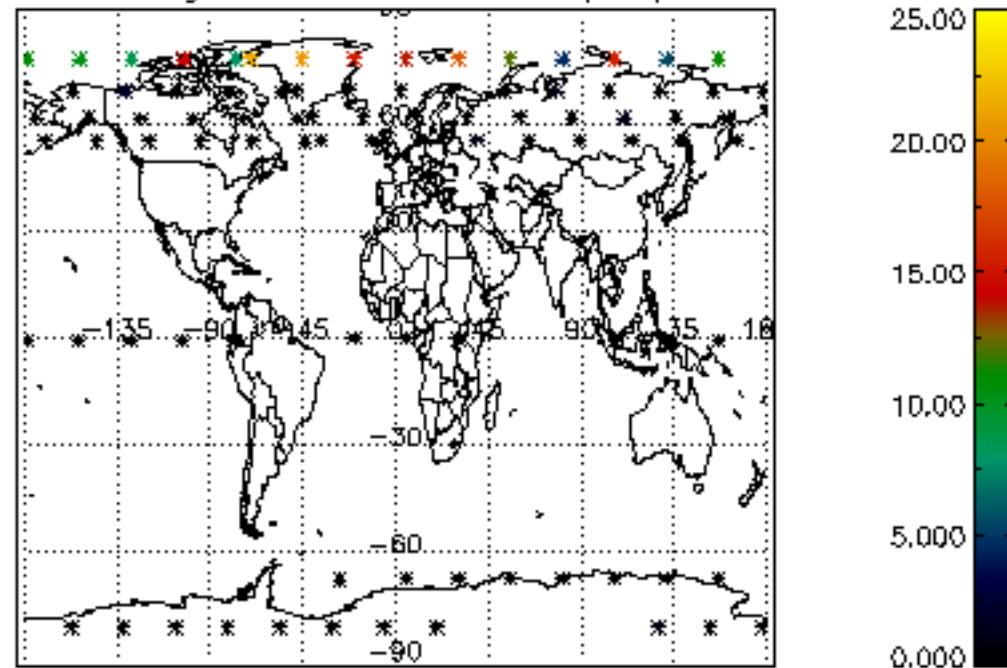
Percentage of datation errors per profile



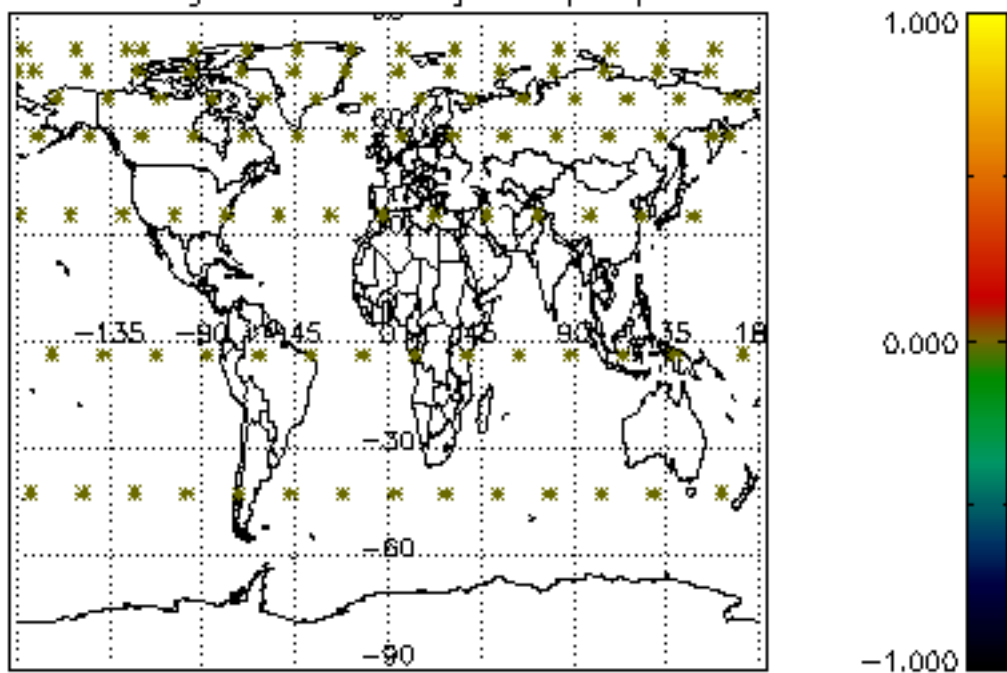
Percentage of star falling outside central band per profile



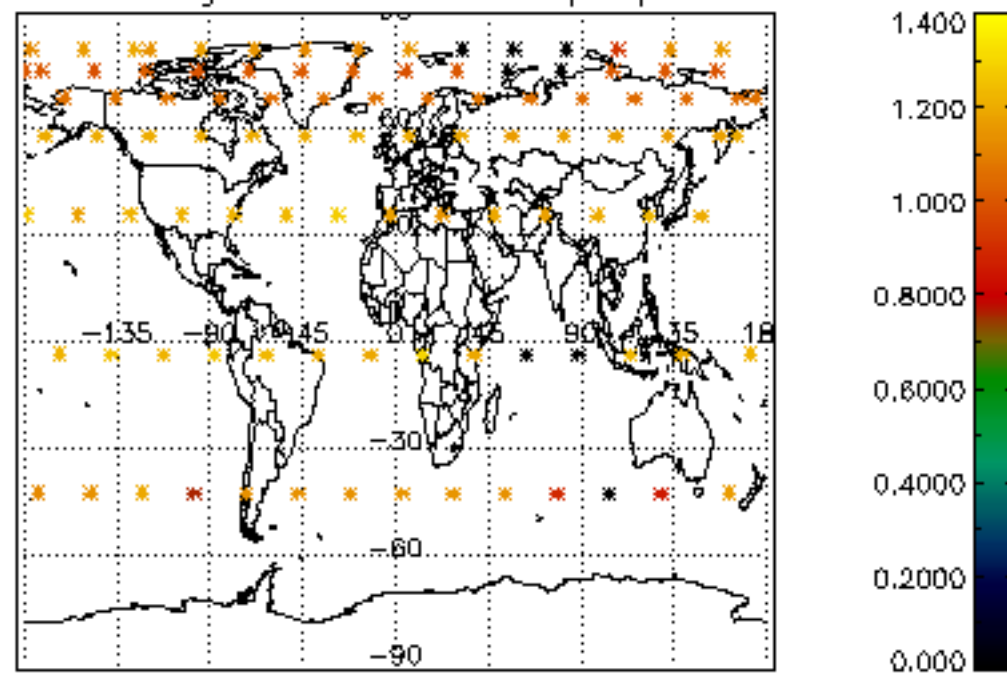
Percentage of saturation errors per profile



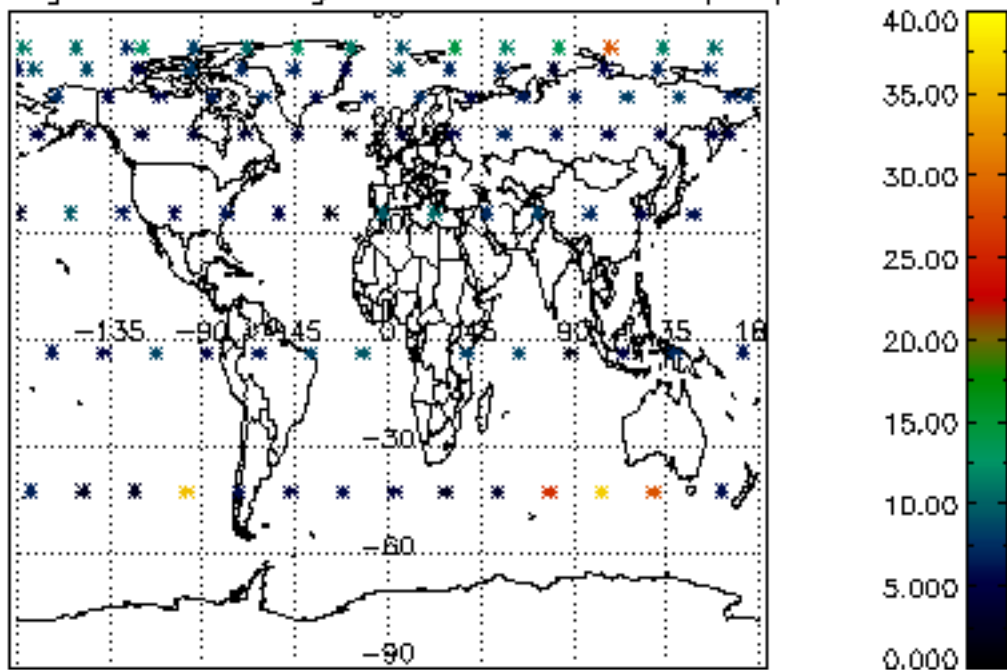
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

