

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 09:33:40
Data source version	GOMOS/6.01
Start time of products	17-05-2009 (17MAY2009 00:00:00)
Stop time of products	18-05-2009 (18MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	196
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__2PRFIN20090517_000345_000000552079_00073_37702_5541.N1	17-MAY-2009 00:03:45	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37702	No
2	GOM_NL__2PRFIN20090517_003832_000000542079_00074_37703_5544.N1	17-MAY-2009 00:38:32	Straylight	53.500	40	The Sco	1.8590	7100.0	107	37703	No
3	GOM_NL__2PRFIN20090517_004025_000000502079_00074_37703_5545.N1	17-MAY-2009 00:40:25	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	37703	No
4	GOM_NL__2PRFIN20090517_004242_000000502079_00074_37703_5546.N1	17-MAY-2009 00:42:42	Twilight_and_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	37703	No
5	GOM_NL__2PRFIN20090517_004546_000000562079_00074_37703_5547.N1	17-MAY-2009 00:45:46	Twilight_and_stray	55.500	16	21Alp Sco	1.0200	3000.0	111	37703	No
6	GOM_NL__2PRFIN20090517_004821_000000452079_00074_37703_5548.N1	17-MAY-2009 00:48:21	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37703	No
7	GOM_NL__2PRFIN20090517_005136_000000522079_00074_37703_5549.N1	17-MAY-2009 00:51:36	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	37703	No
8	GOM_NL__2PRFIN20090517_005404_000000492079_00074_37703_5550.N1	17-MAY-2009 00:54:04	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	37703	No
9	GOM_NL__2PRFIN20090517_005714_000000432079_00074_37703_5551.N1	17-MAY-2009 00:57:14	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37703	No
10	GOM_NL__2PRFIN20090517_010336_000000422079_00074_37703_5552.N1	17-MAY-2009 01:03:36	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	37703	No
11	GOM_NL__2PRFIN20090517_011435_000000422079_00074_37703_5553.N1	17-MAY-2009 01:14:35	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37703	No
12	GOM_NL__2PRFIN20090517_012532_000000442079_00074_37703_5554.N1	17-MAY-2009 01:25:32	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37703	No
13	GOM_NL__2PRFIN20090517_013934_000000532079_00074_37703_5555.N1	17-MAY-2009 01:39:34	Twilight_and_stray	53.000	93	53Bet Peg	2.5200	3100.0	106	37703	No
14	GOM_NL__2PRFIN20090517_014421_000000542079_00074_37703_5556.N1	17-MAY-2009 01:44:21	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	37703	No
15	GOM_NL__2PRFIN20090517_020316_000000462079_00074_37703_5557.N1	17-MAY-2009 02:03:16	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37703	No
16	GOM_NL__2PRFIN20090517_021909_000000502079_00075_37704_5578.N1	17-MAY-2009 02:19:09	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37704	No
17	GOM_NL__2PRFIN20090517_022101_000000522079_00075_37704_5579.N1	17-MAY-2009 02:21:01	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	37704	No
18	GOM_NL__2PRFIN20090517_022319_000000502079_00075_37704_5580.N1	17-MAY-2009 02:23:19	Twilight_and_stray	49.500	75	26Eps Sco	2.2910	4250.0	99	37704	No
19	GOM_NL__2PRFIN20090517_022622_000000582079_00075_37704_5581.N1	17-MAY-2009 02:26:22	Twilight_and_stray	58.000	16	21Alp Sco	1.0200	3000.0	116	37704	No
20	GOM_NL__2PRFIN20090517_022856_000000442079_00075_37704_5582.N1	17-MAY-2009 02:28:56	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	37704	No
21	GOM_NL__2PRFIN20090517_023211_000000522079_00075_37704_5583.N1	17-MAY-2009 02:32:11	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	37704	No
22	GOM_NL__2PRFIN20090517_023440_000000492079_00075_37704_5584.N1	17-MAY-2009 02:34:40	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	37704	No
23	GOM_NL__2PRFIN20090517_023750_000000422079_00075_37704_5585.N1	17-MAY-2009 02:37:50	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	37704	No
24	GOM_NL__2PRFIN20090517_024411_000000412079_00075_37704_5586.N1	17-MAY-2009 02:44:11	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	37704	No
25	GOM_NL__2PRFIN20090517_025511_000000422079_00075_37704_5587.N1	17-MAY-2009 02:55:11	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37704	No
26	GOM_NL__2PRFIN20090517_030608_000000452079_00075_37704_5588.N1	17-MAY-2009 03:06:08	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	37704	No
27	GOM_NL__2PRFIN20090517_032010_000000602079_00075_37704_5589.N1	17-MAY-2009 03:20:10	Twilight_and_stray	59.500	93	53Bet Peg	2.5200	3100.0	119	37704	No
28	GOM_NL__2PRFIN20090517_032458_000000572079_00075_37704_5590.N1	17-MAY-2009 03:24:58	Dark	57.000	90	54Alp Peg	2.4870	11000.	114	37704	No
29	GOM_NL__2PRFIN20090517_034353_000000472079_00075_37704_5591.N1	17-MAY-2009 03:43:53	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37704	No
30	GOM_NL__2PRFIN20090517_035946_000000512079_00076_37705_5592.N1	17-MAY-2009 03:59:46	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37705	No
31	GOM_NL__2PRFIN20090517_040138_000000512079_00076_37705_5593.N1	17-MAY-2009 04:01:38	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37705	No
32	GOM_NL__2PRFIN20090517_040356_000000472079_00076_37705_5594.N1	17-MAY-2009 04:03:56	Twilight_and_stray	46.500	75	26Eps Sco	2.2910	4250.0	93	37705	No
33	GOM_NL__2PRFIN20090517_040658_000000592079_00076_37705_5595.N1	17-MAY-2009 04:06:58	Twilight_and_stray	58.500	16	21Alp Sco	1.0200	3000.0	117	37705	No
34	GOM_NL__2PRFIN20090517_040933_000000442079_00076_37705_5596.N1	17-MAY-2009 04:09:33	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	37705	No
35	GOM_NL__2PRFIN20090517_041247_000000512079_00076_37705_5597.N1	17-MAY-2009 04:12:47	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	37705	No
36	GOM_NL__2PRFIN20090517_041516_000000492079_00076_37705_5598.N1	17-MAY-2009 04:15:16	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37705	No
37	GOM_NL__2PRFIN20090517_041825_000000432079_00076_37705_5599.N1	17-MAY-2009 04:18:25	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37705	No
38	GOM_NL__2PRFIN20090517_042447_000000442079_00076_37705_5600.N1	17-MAY-2009 04:24:47	Bright	44.000	67	5Alp CrB	2.2210	11000.	88	37705	No
39	GOM_NL__2PRFIN20090517_043546_000000432079_00076_37705_5601.N1	17-MAY-2009 04:35:46	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37705	No
40	GOM_NL__2PRFIN20090517_044643_000000442079_00076_37705_5602.N1	17-MAY-2009 04:46:43	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37705	No
41	GOM_NL__2PRFIN20090517_050046_000000582079_00076_37705_5603.N1	17-MAY-2009 05:00:46	Twilight_and_stray	58.000	93	53Bet Peg	2.5200	3100.0	116	37705	No
42	GOM_NL__2PRFIN20090517_050535_000000542079_00076_37705_5604.N1	17-MAY-2009 05:05:35	Dark	53.500	90	54Alp Peg	2.4870	11000.	107	37705	No

43	GOM_NL__2PRFIN20090517_052430_000000492079_00076_37705_5605.N1	17-MAY-2009 05:24:30	Dark	48.500	172	Gam Gru	3.0030	13100.	97	37705	No
44	GOM_NL__2PRFIN20090517_054022_000000452079_00077_37706_5608.N1	17-MAY-2009 05:40:22	Straylight	45.000	40	The Sco	1.8590	7100.0	90	37706	No
45	GOM_NL__2PRFIN20090517_054215_000000532079_00077_37706_5609.N1	17-MAY-2009 05:42:15	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	37706	No
46	GOM_NL__2PRFIN20090517_054432_000000512079_00077_37706_5610.N1	17-MAY-2009 05:44:32	Tw_i_and_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	37706	No
47	GOM_NL__2PRFIN20090517_054735_000000602079_00077_37706_5611.N1	17-MAY-2009 05:47:35	Tw_i_and_stray	60.000	16	21Alp Sco	1.0200	3000.0	120	37706	No
48	GOM_NL__2PRFIN20090517_055009_000000432079_00077_37706_5612.N1	17-MAY-2009 05:50:09	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	37706	No
49	GOM_NL__2PRFIN20090517_055323_000000502079_00077_37706_5613.N1	17-MAY-2009 05:53:23	Bright	50.000	98	13Zet Oph	2.5710	30000.	100	37706	No
50	GOM_NL__2PRFIN20090517_055552_000000492079_00077_37706_5614.N1	17-MAY-2009 05:55:52	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	37706	No
51	GOM_NL__2PRFIN20090517_055901_000000442079_00077_37706_5615.N1	17-MAY-2009 05:59:01	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37706	No
52	GOM_NL__2PRFIN20090517_060523_000000412079_00077_37706_5616.N1	17-MAY-2009 06:05:23	Bright	41.000	67	5Alp CrB	2.2210	11000.	82	37706	No
53	GOM_NL__2PRFIN20090517_061622_000000412079_00077_37706_5617.N1	17-MAY-2009 06:16:22	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37706	No
54	GOM_NL__2PRFIN20090517_062719_000000532079_00077_37706_5618.N1	17-MAY-2009 06:27:19	Bright	53.000	89	5Alp Cep	2.4510	8000.0	106	37706	No
55	GOM_NL__2PRFIN20090517_064122_000000622079_00077_37706_5619.N1	17-MAY-2009 06:41:22	Tw_i_and_stray	61.500	93	53Bet Peg	2.5200	3100.0	123	37706	No
56	GOM_NL__2PRFIN20090517_064611_000000542079_00077_37706_5620.N1	17-MAY-2009 06:46:11	Dark	53.500	90	54Alp Peg	2.4870	11000.	107	37706	No
57	GOM_NL__2PRFIN20090517_070507_000000472079_00077_37706_5621.N1	17-MAY-2009 07:05:07	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37706	No
58	GOM_NL__2PRFIN20090517_072059_000000502079_00078_37707_5625.N1	17-MAY-2009 07:20:59	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37707	No
59	GOM_NL__2PRFIN20090517_072251_000000492079_00078_37707_5626.N1	17-MAY-2009 07:22:51	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	37707	No
60	GOM_NL__2PRFIN20090517_072508_000000502079_00078_37707_5627.N1	17-MAY-2009 07:25:08	Tw_i_and_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	37707	No
61	GOM_NL__2PRFIN20090517_072811_000000572079_00078_37707_5628.N1	17-MAY-2009 07:28:11	Tw_i_and_stray	57.000	16	21Alp Sco	1.0200	3000.0	114	37707	No
62	GOM_NL__2PRFIN20090517_073045_000000472079_00078_37707_5629.N1	17-MAY-2009 07:30:45	Bright	47.000	97	8Bet1Sco	2.5610	30000.	94	37707	No
63	GOM_NL__2PRFIN20090517_073359_000000512079_00078_37707_5630.N1	17-MAY-2009 07:33:59	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	37707	No
64	GOM_NL__2PRFIN20090517_073627_000000482079_00078_37707_5631.N1	17-MAY-2009 07:36:27	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	37707	No
65	GOM_NL__2PRFIN20090517_073937_000000462079_00078_37707_5632.N1	17-MAY-2009 07:39:37	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	37707	No
66	GOM_NL__2PRFIN20090517_074558_000000422079_00078_37707_5633.N1	17-MAY-2009 07:45:58	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	37707	No
67	GOM_NL__2PRFIN20090517_075658_000000402079_00078_37707_5634.N1	17-MAY-2009 07:56:58	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37707	No
68	GOM_NL__2PRFIN20090517_080754_000000632079_00078_37707_5635.N1	17-MAY-2009 08:07:54	Bright	62.500	89	5Alp Cep	2.4510	8000.0	125	37707	No
69	GOM_NL__2PRFIN20090517_082159_000000612079_00078_37707_5636.N1	17-MAY-2009 08:21:59	Tw_i_and_stray	61.000	93	53Bet Peg	2.5200	3100.0	122	37707	No
70	GOM_NL__2PRFIN20090517_082648_000000562079_00078_37707_5637.N1	17-MAY-2009 08:26:48	Dark	56.000	90	54Alp Peg	2.4870	11000.	112	37707	No
71	GOM_NL__2PRFIN20090517_084544_000000462079_00078_37707_5638.N1	17-MAY-2009 08:45:44	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37707	No
72	GOM_NL__2PRFIN20090517_090136_000000482079_00079_37708_5639.N1	17-MAY-2009 09:01:36	Straylight	48.000	40	The Sco	1.8590	7100.0	96	37708	No
73	GOM_NL__2PRFIN20090517_090328_000000482079_00079_37708_5640.N1	17-MAY-2009 09:03:28	Straylight	48.000	25	35Lam Sco	1.6200	28000.	96	37708	No
74	GOM_NL__2PRFIN20090517_090544_000000522079_00079_37708_5641.N1	17-MAY-2009 09:05:44	Tw_i_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	37708	No
75	GOM_NL__2PRFIN20090517_090847_000000642079_00079_37708_5642.N1	17-MAY-2009 09:08:47	Tw_i_and_stray	64.000	16	21Alp Sco	1.0200	3000.0	128	37708	No
76	GOM_NL__2PRFIN20090517_091121_000000452079_00079_37708_5643.N1	17-MAY-2009 09:11:21	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37708	No
77	GOM_NL__2PRFIN20090517_091435_000000522079_00079_37708_5644.N1	17-MAY-2009 09:14:35	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	37708	No
78	GOM_NL__2PRFIN20090517_091703_000000482079_00079_37708_5645.N1	17-MAY-2009 09:17:03	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	37708	No
79	GOM_NL__2PRFIN20090517_092012_000000432079_00079_37708_5646.N1	17-MAY-2009 09:20:12	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37708	No
80	GOM_NL__2PRFIN20090517_092634_000000432079_00079_37708_5647.N1	17-MAY-2009 09:26:34	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37708	No
81	GOM_NL__2PRFIN20090517_093733_000000402079_00079_37708_5648.N1	17-MAY-2009 09:37:33	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37708	No
82	GOM_NL__2PRFIN20090517_094830_000000442079_00079_37708_5649.N1	17-MAY-2009 09:48:30	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37708	No
83	GOM_NL__2PRFIN20090517_100235_000000642079_00079_37708_5650.N1	17-MAY-2009 10:02:35	Tw_i_and_stray	64.000	93	53Bet Peg	2.5200	3100.0	128	37708	No
84	GOM_NL__2PRFIN20090517_100724_000000582079_00079_37708_5651.N1	17-MAY-2009 10:07:24	Dark	57.500	90	54Alp Peg	2.4870	11000.	115	37708	No
85	GOM_NL__2PRFIN20090517_102621_000000472079_00079_37708_5652.N1	17-MAY-2009 10:26:21	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37708	No
86	GOM_NL__2PRFIN20090517_104212_000000462079_00080_37709_5653.N1	17-MAY-2009 10:42:12	Straylight	46.000	40	The Sco	1.8590	7100.0	92	37709	No
87	GOM_NL__2PRFIN20090517_104404_000000532079_00080_37709_5654.N1	17-MAY-2009 10:44:04	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37709	No
88	GOM_NL__2PRFIN20090517_104621_000000492079_00080_37709_5655.N1	17-MAY-2009 10:46:21	Tw_i_and_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	37709	No
89	GOM_NL__2PRFIN20090517_104923_000000562079_00080_37709_5656.N1	17-MAY-2009 10:49:23	Tw_i_and_stray	55.500	16	21Alp Sco	1.0200	3000.0	111	37709	No
90	GOM_NL__2PRFIN20090517_105157_000000452079_00080_37709_5657.N1	17-MAY-2009 10:51:57	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	37709	No
91	GOM_NL__2PRFIN20090517_105511_000000482079_00080_37709_5658.N1	17-MAY-2009 10:55:11	Bright	48.000	98	13Zet Oph	2.5710	30000.	96	37709	No
92	GOM_NL__2PRFIN20090517_105739_000000482079_00080_37709_5659.N1	17-MAY-2009 10:57:39	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	37709	No
93	GOM_NL__2PRFIN20090517_110048_000000422079_00080_37709_5660.N1	17-MAY-2009 11:00:48	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	37709	No
94	GOM_NL__2PRFIN20090517_110709_000000412079_00080_37709_5661.N1	17-MAY-2009 11:07:09	Bright	41.000	67	5Alp CrB	2.2210	11000.	82	37709	No
95	GOM_NL__2PRFIN20090517_111808_000000412079_00080_37709_5662.N1	17-MAY-2009 11:18:08	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37709	No
96	GOM_NL__2PRFIN20090517_112905_000000432079_00080_37709_5663.N1	17-MAY-2009 11:29:05	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	37709	No
97	GOM_NL__2PRFIN20090517_114311_000000622079_00080_37709_5664.N1	17-MAY-2009 11:43:11	Tw_i_and_stray	62.000	93	53Bet Peg	2.5200	3100.0	124	37709	No
98	GOM_NL__2PRFIN20090517_114801_000000552079_00080_37709_5665.N1	17-MAY-2009 11:48:01	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37709	No
99	GOM_NL__2PRFIN20090517_120658_000000482079_00080_37709_5666.N1	17-MAY-2009 12:06:58	Dark	47.500	172	Gam Gru	3.0030	13100.	95	37709	No
100	GOM_NL__2PRFIN20090517_122249_000000482079_00081_37710_5667.N1	17-MAY-2009 12:22:49	Straylight	48.000	40	The Sco	1.8590	7100.0	96	37710	No
101	GOM_NL__2PRFIN20090517_122440_000000562079_00081_37710_5668.N1	17-MAY-2009 12:24:40	Straylight	56.000	25	35Lam Sco	1.6200	28000.	112	37710	No

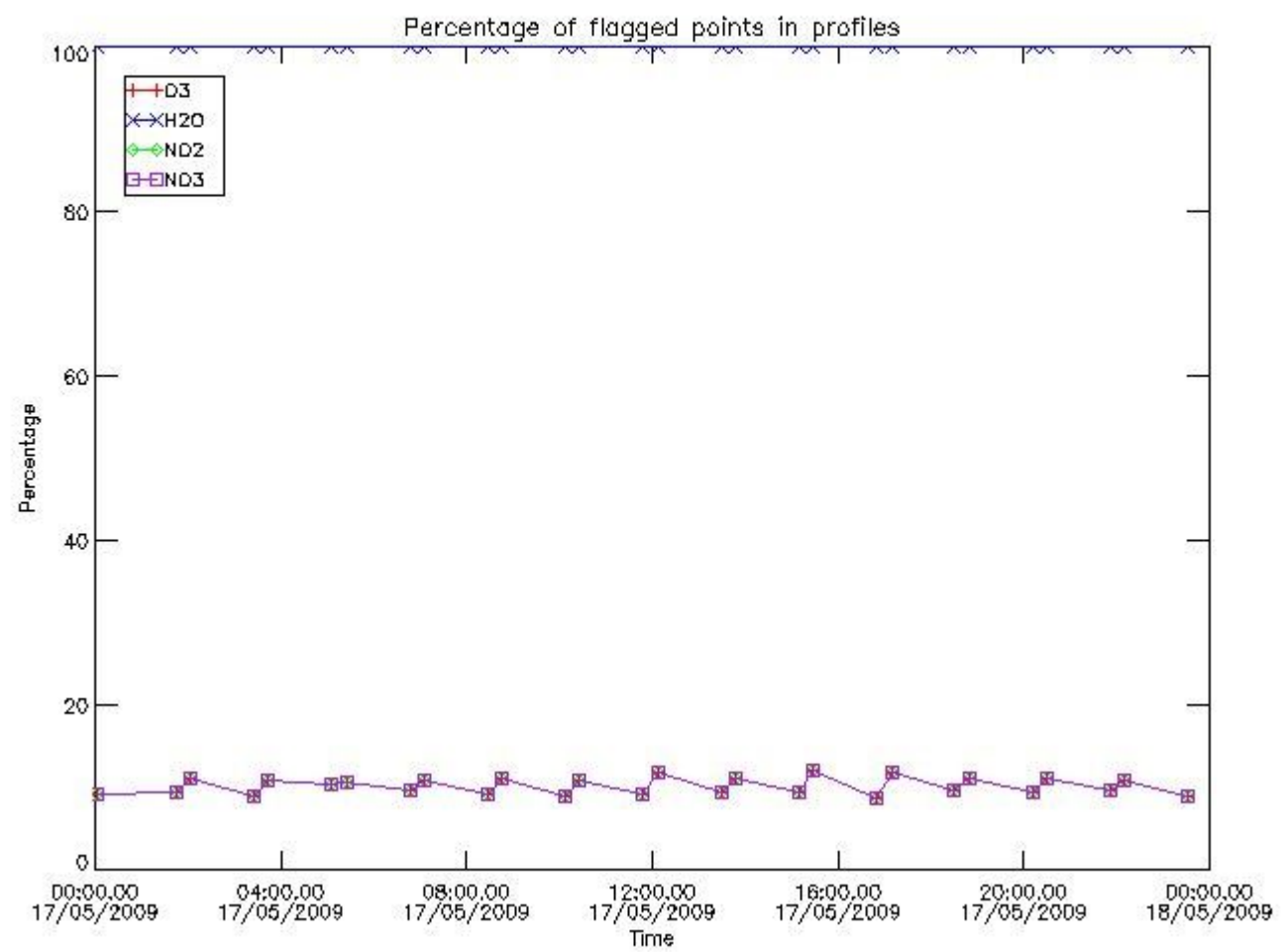
102	GOM_NL__2PRFIN20090517_122657_00000482079_00081_37710_5669.N1	17-MAY-2009 12:26:57	Twilight	48.000	75	26Eps Sco	2.2910	4250.0	96	37710	No
103	GOM_NL__2PRFIN20090517_123000_00000602079_00081_37710_5670.N1	17-MAY-2009 12:30:00	Twilight	59.500	16	21Alp Sco	1.0200	3000.0	119	37710	No
104	GOM_NL__2PRFIN20090517_123233_00000442079_00081_37710_5671.N1	17-MAY-2009 12:32:33	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	37710	No
105	GOM_NL__2PRFIN20090517_123547_00000512079_00081_37710_5672.N1	17-MAY-2009 12:35:47	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	37710	No
106	GOM_NL__2PRFIN20090517_123814_00000482079_00081_37710_5673.N1	17-MAY-2009 12:38:14	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	37710	No
107	GOM_NL__2PRFIN20090517_124123_00000452079_00081_37710_5674.N1	17-MAY-2009 12:41:23	Bright	44.500	102	24Alp Ser	2.6000	4250.0	89	37710	No
108	GOM_NL__2PRFIN20090517_124745_00000432079_00081_37710_5675.N1	17-MAY-2009 12:47:45	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37710	No
109	GOM_NL__2PRFIN20090517_125844_00000412079_00081_37710_5676.N1	17-MAY-2009 12:58:44	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37710	No
110	GOM_NL__2PRFIN20090517_130941_00000432079_00081_37710_5677.N1	17-MAY-2009 13:09:41	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37710	No
111	GOM_NL__2PRFIN20090517_132347_00000712079_00081_37710_5678.N1	17-MAY-2009 13:23:47	Twilight	71.000	93	53Bet Peg	2.5200	3100.0	142	37710	No
112	GOM_NL__2PRFIN20090517_132837_00000552079_00081_37710_5679.N1	17-MAY-2009 13:28:37	Dark	54.500	90	54Alp Peg	2.4870	11000.	109	37710	No
113	GOM_NL__2PRFIN20090517_134735_00000462079_00081_37710_5680.N1	17-MAY-2009 13:47:35	Dark	45.500	172	Gam Gru	3.0030	13100.	91	37710	No
114	GOM_NL__2PRFIN20090517_140325_00000522079_00082_37711_5683.N1	17-MAY-2009 14:03:25	Straylight	51.500	40	The Sco	1.8590	7100.0	103	37711	No
115	GOM_NL__2PRFIN20090517_140517_00000512079_00082_37711_5684.N1	17-MAY-2009 14:05:17	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	37711	No
116	GOM_NL__2PRFIN20090517_140733_00000512079_00082_37711_5685.N1	17-MAY-2009 14:07:33	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	37711	No
117	GOM_NL__2PRFIN20090517_141036_00000562079_00082_37711_5686.N1	17-MAY-2009 14:10:36	Twilight	55.500	16	21Alp Sco	1.0200	3000.0	111	37711	No
118	GOM_NL__2PRFIN20090517_141309_00000462079_00082_37711_5687.N1	17-MAY-2009 14:13:09	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37711	No
119	GOM_NL__2PRFIN20090517_141622_00000522079_00082_37711_5688.N1	17-MAY-2009 14:16:22	Bright	51.500	98	13Zet Oph	2.5710	30000.	103	37711	No
120	GOM_NL__2PRFIN20090517_141850_00000482079_00082_37711_5689.N1	17-MAY-2009 14:18:50	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	37711	No
121	GOM_NL__2PRFIN20090517_142159_00000432079_00082_37711_5690.N1	17-MAY-2009 14:21:59	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37711	No
122	GOM_NL__2PRFIN20090517_142820_00000412079_00082_37711_5691.N1	17-MAY-2009 14:28:20	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	37711	No
123	GOM_NL__2PRFIN20090517_143919_00000432079_00082_37711_5692.N1	17-MAY-2009 14:39:19	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	37711	No
124	GOM_NL__2PRFIN20090517_145016_00000572079_00082_37711_5693.N1	17-MAY-2009 14:50:16	Bright	57.000	89	5Alp Cep	2.4510	8000.0	114	37711	No
125	GOM_NL__2PRFIN20090517_150423_00000632079_00082_37711_5694.N1	17-MAY-2009 15:04:23	Twilight	63.000	93	53Bet Peg	2.5200	3100.0	126	37711	No
126	GOM_NL__2PRFIN20090517_150914_00000552079_00082_37711_5695.N1	17-MAY-2009 15:09:14	Dark	54.500	90	54Alp Peg	2.4870	11000.	109	37711	No
127	GOM_NL__2PRFIN20090517_152812_00000472079_00082_37711_5696.N1	17-MAY-2009 15:28:12	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37711	No
128	GOM_NL__2PRFIN20090517_154401_00000512079_00083_37712_5699.N1	17-MAY-2009 15:44:01	Straylight	51.000	40	The Sco	1.8590	7100.0	102	37712	No
129	GOM_NL__2PRFIN20090517_154554_00000562079_00083_37712_5700.N1	17-MAY-2009 15:45:54	Straylight	55.500	25	35Lam Sco	1.6200	28000.	111	37712	No
130	GOM_NL__2PRFIN20090517_154810_00000512079_00083_37712_5701.N1	17-MAY-2009 15:48:10	Twilight	50.500	75	26Eps Sco	2.2910	4250.0	101	37712	No
131	GOM_NL__2PRFIN20090517_155112_00000622079_00083_37712_5702.N1	17-MAY-2009 15:51:12	Twilight	62.000	16	21Alp Sco	1.0200	3000.0	124	37712	No
132	GOM_NL__2PRFIN20090517_155346_00000422079_00083_37712_5703.N1	17-MAY-2009 15:53:46	Bright	42.000	97	8Bet1Sco	2.5610	30000.	84	37712	No
133	GOM_NL__2PRFIN20090517_155658_00000522079_00083_37712_5704.N1	17-MAY-2009 15:56:58	Bright	51.500	98	13Zet Oph	2.5710	30000.	103	37712	No
134	GOM_NL__2PRFIN20090517_155926_00000492079_00083_37712_5705.N1	17-MAY-2009 15:59:26	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	37712	No
135	GOM_NL__2PRFIN20090517_160235_00000432079_00083_37712_5706.N1	17-MAY-2009 16:02:35	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37712	No
136	GOM_NL__2PRFIN20090517_160856_00000432079_00083_37712_5707.N1	17-MAY-2009 16:08:56	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37712	No
137	GOM_NL__2PRFIN20090517_161955_00000412079_00083_37712_5708.N1	17-MAY-2009 16:19:55	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37712	No
138	GOM_NL__2PRFIN20090517_163052_00000452079_00083_37712_5709.N1	17-MAY-2009 16:30:52	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	37712	No
139	GOM_NL__2PRFIN20090517_164459_00000712079_00083_37712_5710.N1	17-MAY-2009 16:44:59	Twilight	71.000	93	53Bet Peg	2.5200	3100.0	142	37712	No
140	GOM_NL__2PRFIN20090517_164950_00000592079_00083_37712_5711.N1	17-MAY-2009 16:49:50	Dark	59.000	90	54Alp Peg	2.4870	11000.	118	37712	No
141	GOM_NL__2PRFIN20090517_170849_00000472079_00083_37712_5712.N1	17-MAY-2009 17:08:49	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37712	No
142	GOM_NL__2PRFIN20090517_172438_00000512079_00084_37713_5713.N1	17-MAY-2009 17:24:38	Straylight	51.000	40	The Sco	1.8590	7100.0	102	37713	No
143	GOM_NL__2PRFIN20090517_172630_00000532079_00084_37713_5714.N1	17-MAY-2009 17:26:30	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37713	No
144	GOM_NL__2PRFIN20090517_172846_00000522079_00084_37713_5715.N1	17-MAY-2009 17:28:46	Twilight	52.000	75	26Eps Sco	2.2910	4250.0	104	37713	No
145	GOM_NL__2PRFIN20090517_173149_00000582079_00084_37713_5716.N1	17-MAY-2009 17:31:49	Twilight	58.000	16	21Alp Sco	1.0200	3000.0	116	37713	No
146	GOM_NL__2PRFIN20090517_173422_00000442079_00084_37713_5717.N1	17-MAY-2009 17:34:22	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37713	No
147	GOM_NL__2PRFIN20090517_173734_00000522079_00084_37713_5718.N1	17-MAY-2009 17:37:34	Bright	51.500	98	13Zet Oph	2.5710	30000.	103	37713	No
148	GOM_NL__2PRFIN20090517_174002_00000482079_00084_37713_5719.N1	17-MAY-2009 17:40:02	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37713	No
149	GOM_NL__2PRFIN20090517_174311_00000432079_00084_37713_5720.N1	17-MAY-2009 17:43:11	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37713	No
150	GOM_NL__2PRFIN20090517_174931_00000412079_00084_37713_5721.N1	17-MAY-2009 17:49:31	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	37713	No
151	GOM_NL__2PRFIN20090517_180030_00000422079_00084_37713_5722.N1	17-MAY-2009 18:00:30	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37713	No
152	GOM_NL__2PRFIN20090517_181127_00000572079_00084_37713_5723.N1	17-MAY-2009 18:11:27	Bright	56.500	89	5Alp Cep	2.4510	8000.0	113	37713	No
153	GOM_NL__2PRFIN20090517_182535_00000612079_00084_37713_5724.N1	17-MAY-2009 18:25:35	Twilight	61.000	93	53Bet Peg	2.5200	3100.0	122	37713	No
154	GOM_NL__2PRFIN20090517_183027_00000532079_00084_37713_5725.N1	17-MAY-2009 18:30:27	Dark	52.500	90	54Alp Peg	2.4870	11000.	105	37713	No
155	GOM_NL__2PRFIN20090517_184926_00000462079_00084_37713_5726.N1	17-MAY-2009 18:49:26	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37713	No
156	GOM_NL__2PRFIN20090517_190515_00000522079_00085_37714_5749.N1	17-MAY-2009 19:05:15	Straylight	51.500	40	The Sco	1.8590	7100.0	103	37714	No
157	GOM_NL__2PRFIN20090517_190707_00000542079_00085_37714_5750.N1	17-MAY-2009 19:07:07	Straylight	54.000	25	35Lam Sco	1.6200	28000.	108	37714	No
158	GOM_NL__2PRFIN20090517_190923_00000542079_00085_37714_5751.N1	17-MAY-2009 19:09:23	Twilight	53.500	75	26Eps Sco	2.2910	4250.0	107	37714	No
159	GOM_NL__2PRFIN20090517_191225_00000562079_00085_37714_5752.N1	17-MAY-2009 19:12:25	Twilight	55.500	16	21Alp Sco	1.0200	3000.0	111	37714	No
160	GOM_NL__2PRFIN20090517_191458_00000462079_00085_37714_5753.N1	17-MAY-2009 19:14:58	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	37714	No

161	GOM_NL__2PRFIN20090517_191810_000000522079_00085_37714_5754.N1	17-MAY-2009 19:18:10	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	37714	No
162	GOM_NL__2PRFIN20090517_192038_000000482079_00085_37714_5755.N1	17-MAY-2009 19:20:38	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37714	No
163	GOM_NL__2PRFIN20090517_192347_000000422079_00085_37714_5756.N1	17-MAY-2009 19:23:47	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37714	No
164	GOM_NL__2PRFIN20090517_193007_000000432079_00085_37714_5757.N1	17-MAY-2009 19:30:07	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37714	No
165	GOM_NL__2PRFIN20090517_194106_000000422079_00085_37714_5758.N1	17-MAY-2009 19:41:06	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37714	No
166	GOM_NL__2PRFIN20090517_195203_000000552079_00085_37714_5759.N1	17-MAY-2009 19:52:03	Bright	54.500	89	5Alp Cep	2.4510	8000.0	109	37714	No
167	GOM_NL__2PRFIN20090517_200612_000000682079_00085_37714_5760.N1	17-MAY-2009 20:06:12	Twilight	68.000	93	53Bet Peg	2.5200	3100.0	136	37714	No
168	GOM_NL__2PRFIN20090517_201103_000000542079_00085_37714_5761.N1	17-MAY-2009 20:11:03	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	37714	No
169	GOM_NL__2PRFIN20090517_203003_000000462079_00085_37714_5762.N1	17-MAY-2009 20:30:03	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37714	No
170	GOM_NL__2PRFIN20090517_204551_000000562079_00086_37715_5766.N1	17-MAY-2009 20:45:51	Straylight	55.500	40	The Sco	1.8590	7100.0	111	37715	No
171	GOM_NL__2PRFIN20090517_204743_000000532079_00086_37715_5767.N1	17-MAY-2009 20:47:43	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37715	No
172	GOM_NL__2PRFIN20090517_204959_000000512079_00086_37715_5768.N1	17-MAY-2009 20:49:59	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	37715	No
173	GOM_NL__2PRFIN20090517_205301_000000602079_00086_37715_5769.N1	17-MAY-2009 20:53:01	Twilight	60.000	16	21Alp Sco	1.0200	3000.0	120	37715	No
174	GOM_NL__2PRFIN20090517_205534_000000512079_00086_37715_5770.N1	17-MAY-2009 20:55:34	Bright	50.500	97	8Bet1Sco	2.5610	30000.	101	37715	No
175	GOM_NL__2PRFIN20090517_205846_000000492079_00086_37715_5771.N1	17-MAY-2009 20:58:46	Bright	48.500	98	13Zet Oph	2.5710	30000.	97	37715	No
176	GOM_NL__2PRFIN20090517_210113_000000482079_00086_37715_5772.N1	17-MAY-2009 21:01:13	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37715	No
177	GOM_NL__2PRFIN20090517_210422_000000422079_00086_37715_5773.N1	17-MAY-2009 21:04:22	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	37715	No
178	GOM_NL__2PRFIN20090517_211043_000000422079_00086_37715_5774.N1	17-MAY-2009 21:10:43	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	37715	No
179	GOM_NL__2PRFIN20090517_212141_000000402079_00086_37715_5775.N1	17-MAY-2009 21:21:41	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37715	No
180	GOM_NL__2PRFIN20090517_213238_000000662079_00086_37715_5776.N1	17-MAY-2009 21:32:38	Bright	66.000	89	5Alp Cep	2.4510	8000.0	132	37715	No
181	GOM_NL__2PRFIN20090517_214648_000000662079_00086_37715_5777.N1	17-MAY-2009 21:46:48	Twilight	66.000	93	53Bet Peg	2.5200	3100.0	132	37715	No
182	GOM_NL__2PRFIN20090517_215139_000000582079_00086_37715_5778.N1	17-MAY-2009 21:51:39	Dark	57.500	90	54Alp Peg	2.4870	11000.	115	37715	No
183	GOM_NL__2PRFIN20090517_221040_000000472079_00086_37715_5779.N1	17-MAY-2009 22:10:40	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37715	No
184	GOM_NL__2PRFIN20090517_222628_000000552079_00087_37716_5785.N1	17-MAY-2009 22:26:28	Straylight	55.000	40	The Sco	1.8590	7100.0	110	37716	No
185	GOM_NL__2PRFIN20090517_222820_000000552079_00087_37716_5786.N1	17-MAY-2009 22:28:20	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	37716	No
186	GOM_NL__2PRFIN20090517_223035_000000492079_00087_37716_5787.N1	17-MAY-2009 22:30:35	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	37716	No
187	GOM_NL__2PRFIN20090517_223337_000000572079_00087_37716_5788.N1	17-MAY-2009 22:33:37	Twilight	56.500	16	21Alp Sco	1.0200	3000.0	113	37716	No
188	GOM_NL__2PRFIN20090517_223610_000000442079_00087_37716_5789.N1	17-MAY-2009 22:36:10	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37716	No
189	GOM_NL__2PRFIN20090517_223922_000000502079_00087_37716_5790.N1	17-MAY-2009 22:39:22	Bright	50.000	98	13Zet Oph	2.5710	30000.	100	37716	No
190	GOM_NL__2PRFIN20090517_224149_000000482079_00087_37716_5791.N1	17-MAY-2009 22:41:49	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37716	No
191	GOM_NL__2PRFIN20090517_224458_000000422079_00087_37716_5792.N1	17-MAY-2009 22:44:58	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	37716	No
192	GOM_NL__2PRFIN20090517_225118_000000432079_00087_37716_5793.N1	17-MAY-2009 22:51:18	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37716	No
193	GOM_NL__2PRFIN20090517_230217_000000422079_00087_37716_5794.N1	17-MAY-2009 23:02:17	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37716	No
194	GOM_NL__2PRFIN20090517_231314_000000432079_00087_37716_5795.N1	17-MAY-2009 23:13:14	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37716	No
195	GOM_NL__2PRFIN20090517_232724_000000692079_00087_37716_5796.N1	17-MAY-2009 23:27:24	Twilight	68.500	93	53Bet Peg	2.5200	3100.0	137	37716	No
196	GOM_NL__2PRFIN20090517_233216_000000562079_00087_37716_5797.N1	17-MAY-2009 23:32:16	Dark	56.000	90	54Alp Peg	2.4870	11000.	112	37716	No

3. Quality information per product

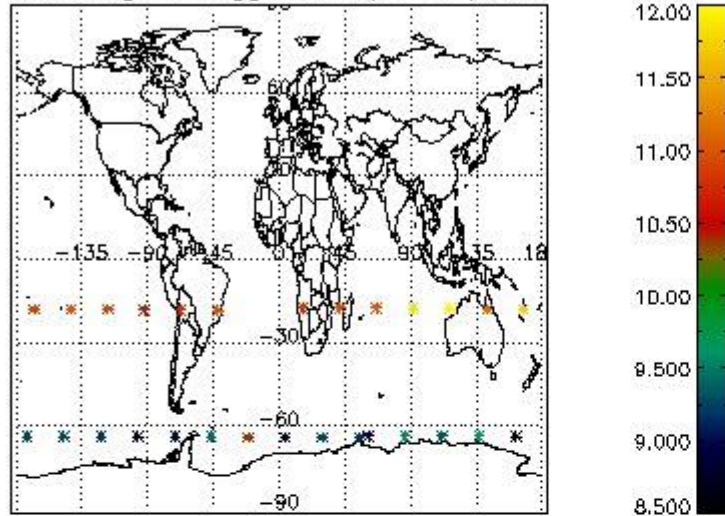
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

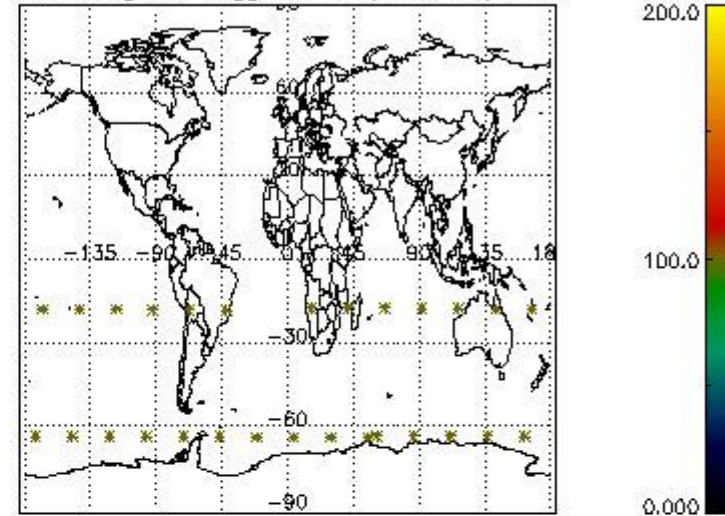


3.2 Plot quality information per product (world map)

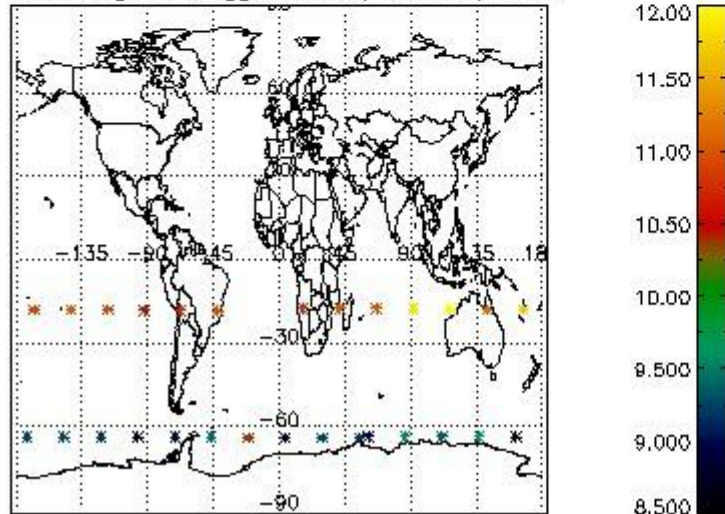
Percentage of flagged data per O3 profile



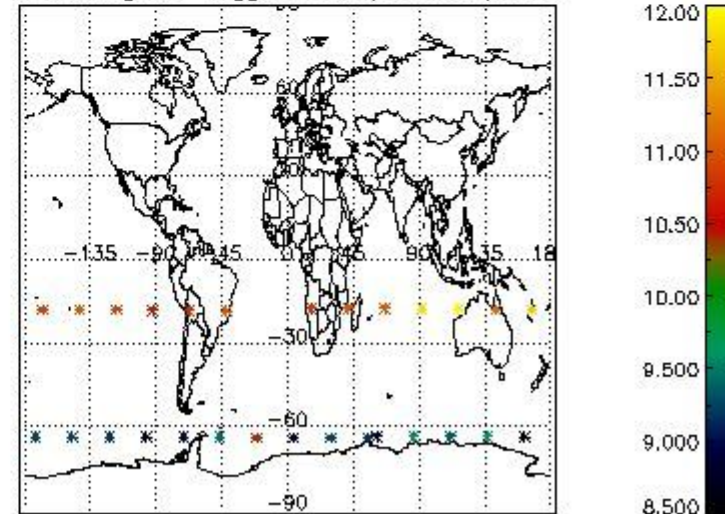
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

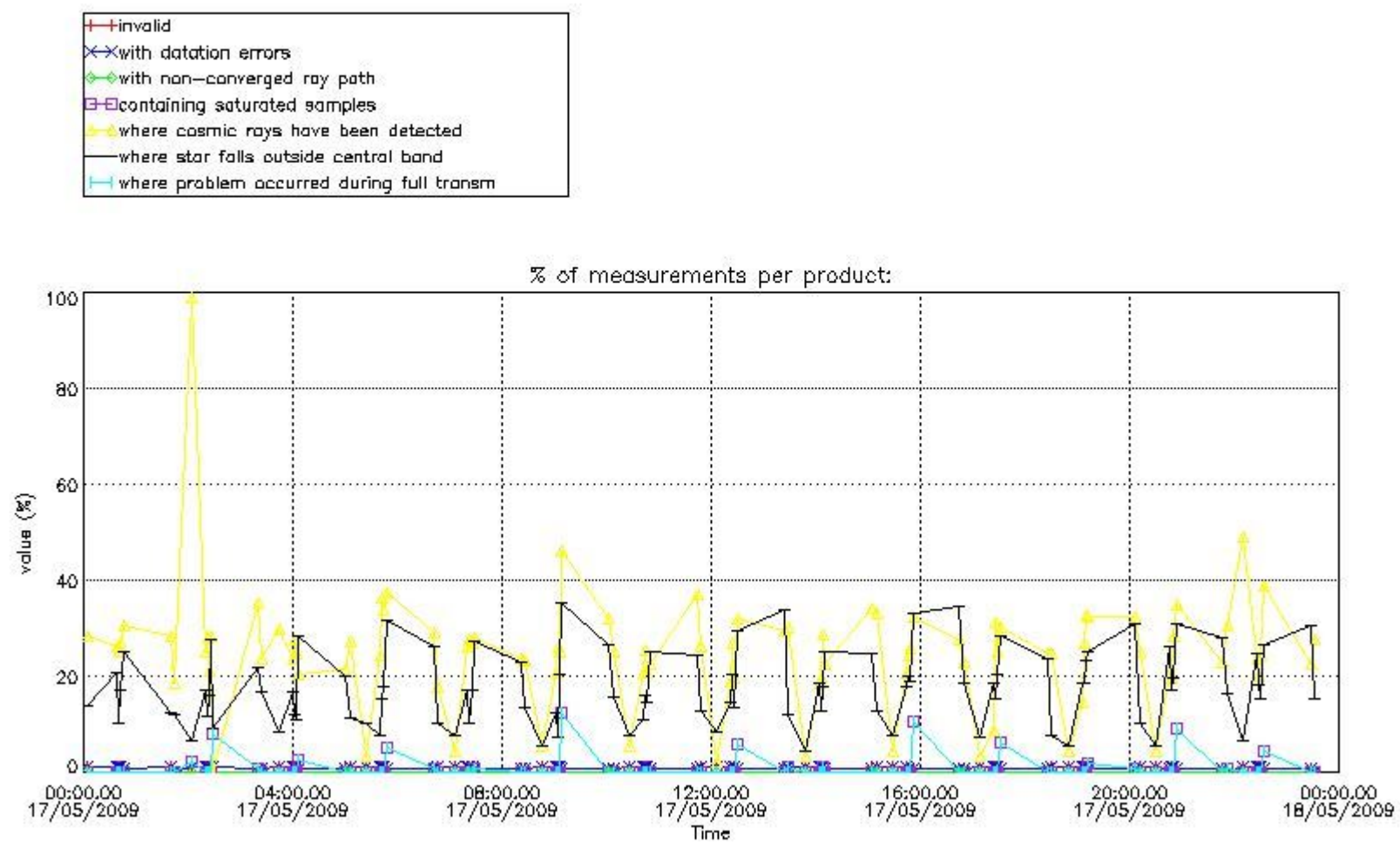


4. Level 1 quality information per product

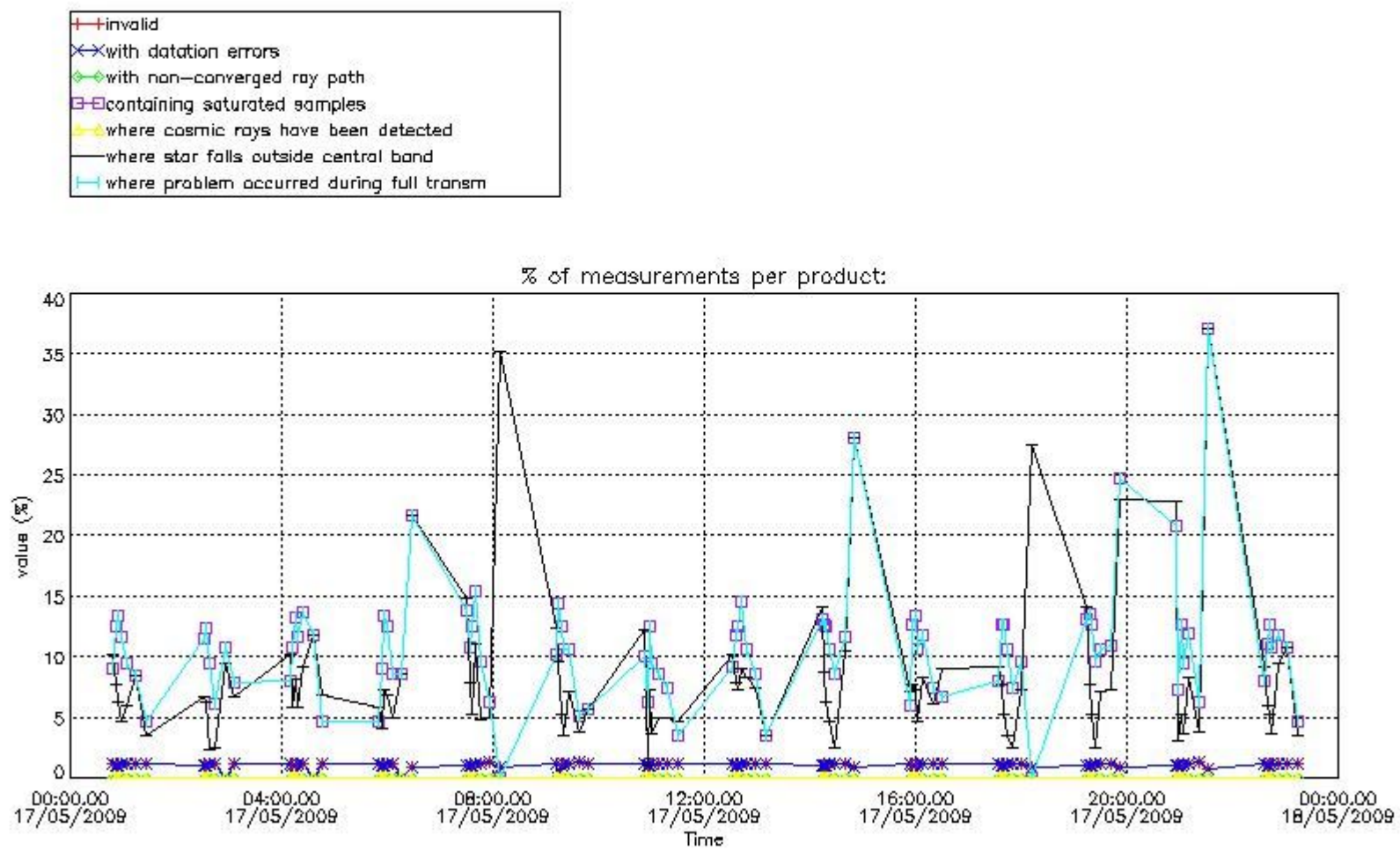
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

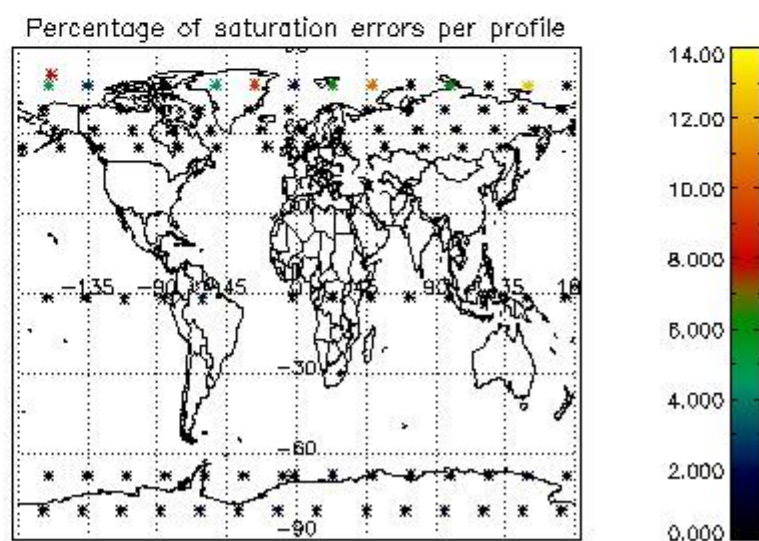
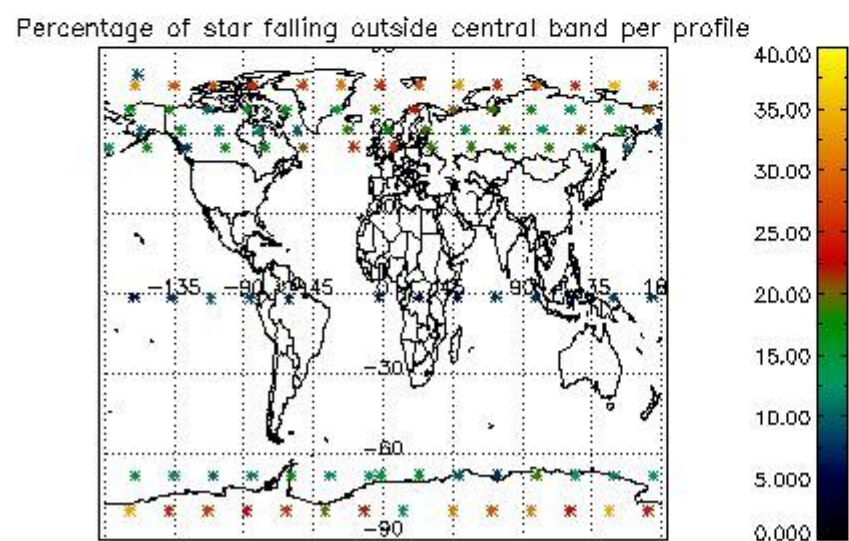
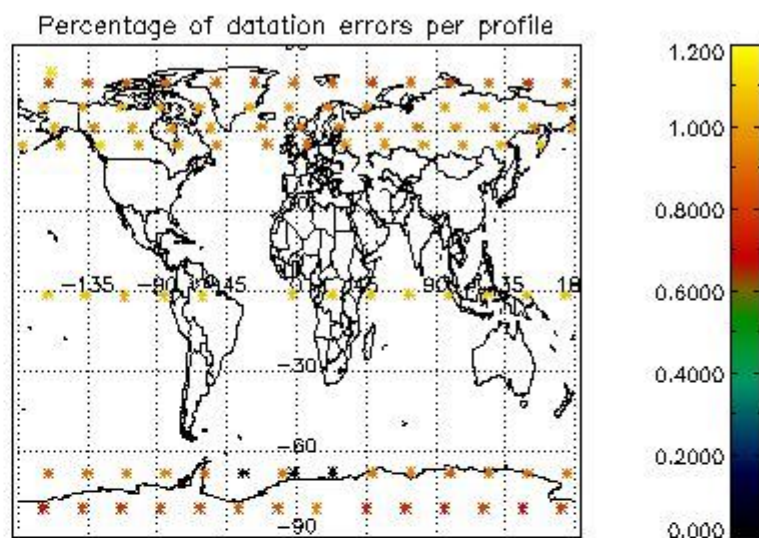
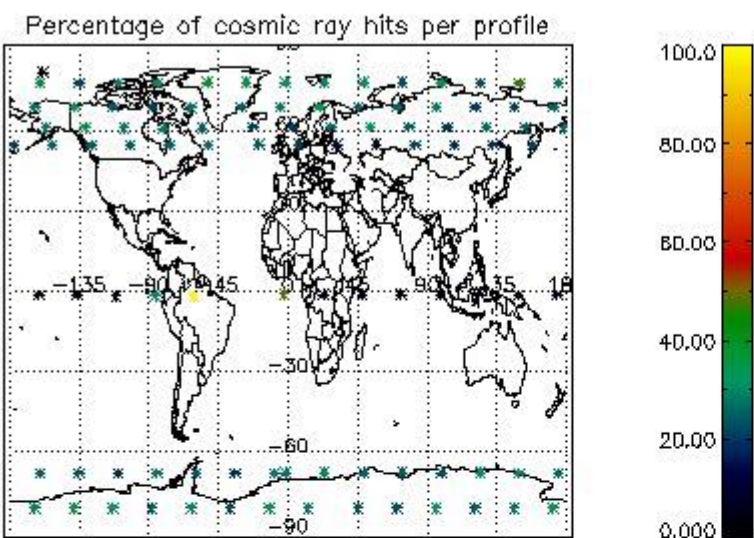


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

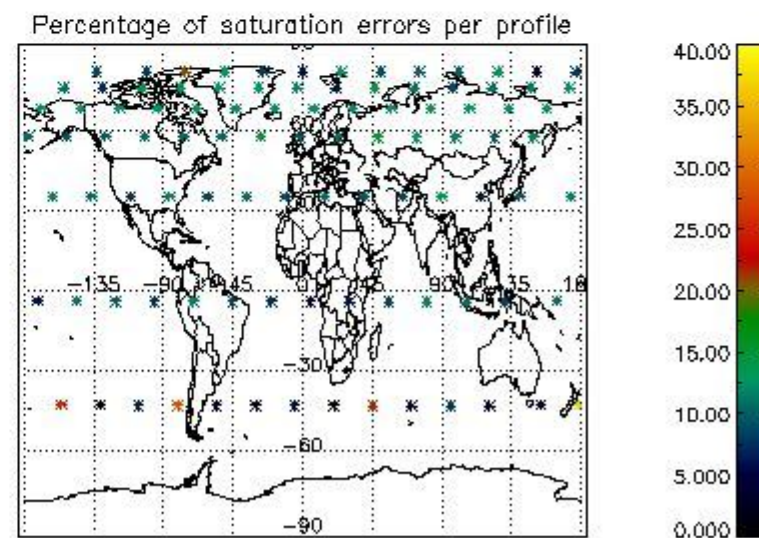
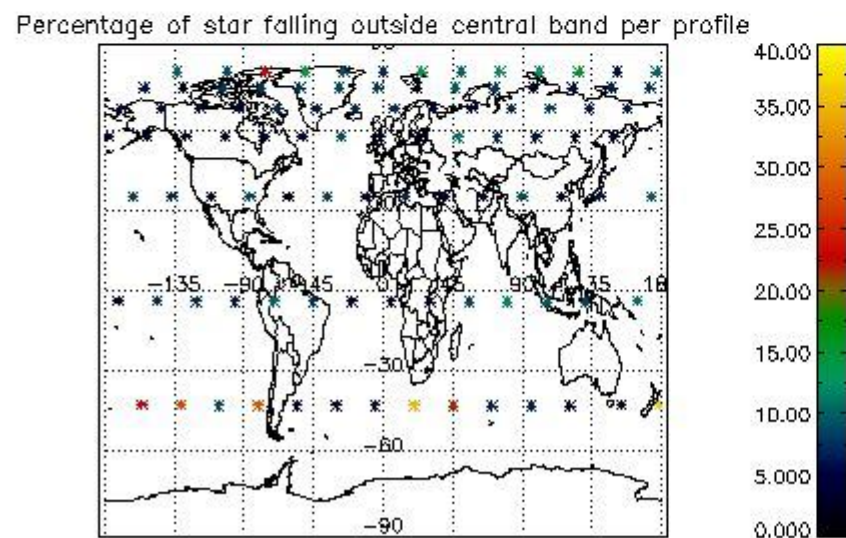
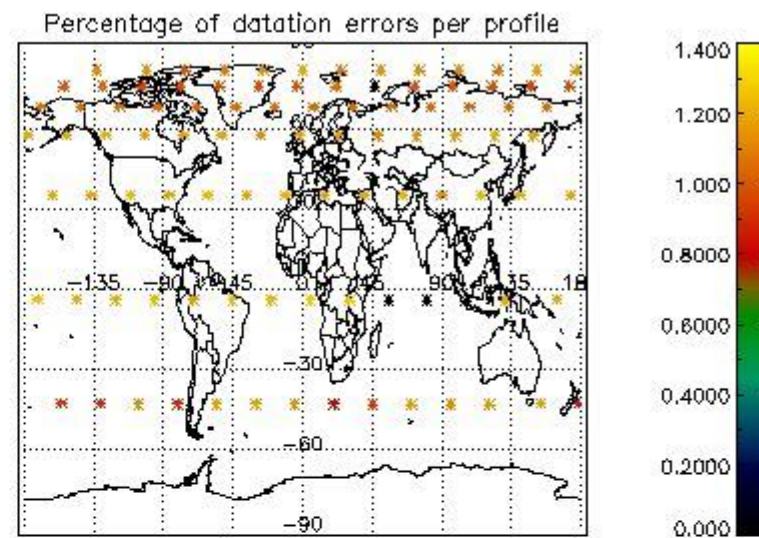
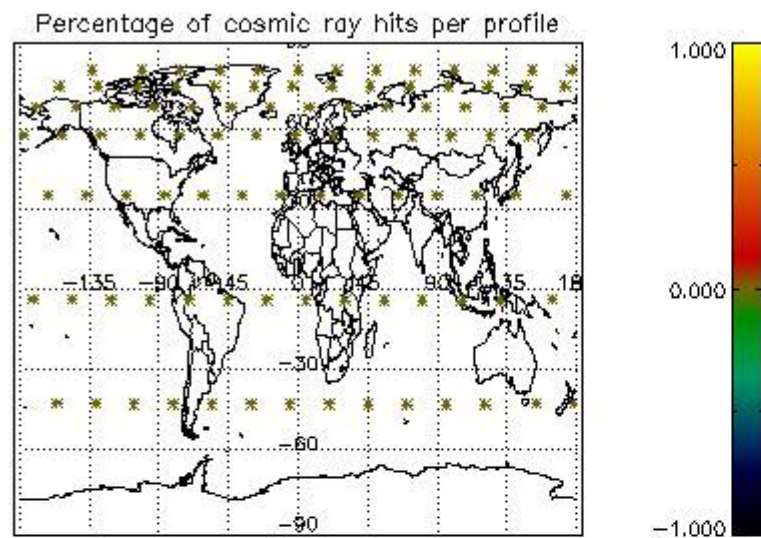


4.2 Plot quality information per product coming from level 1b processing (world map)

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

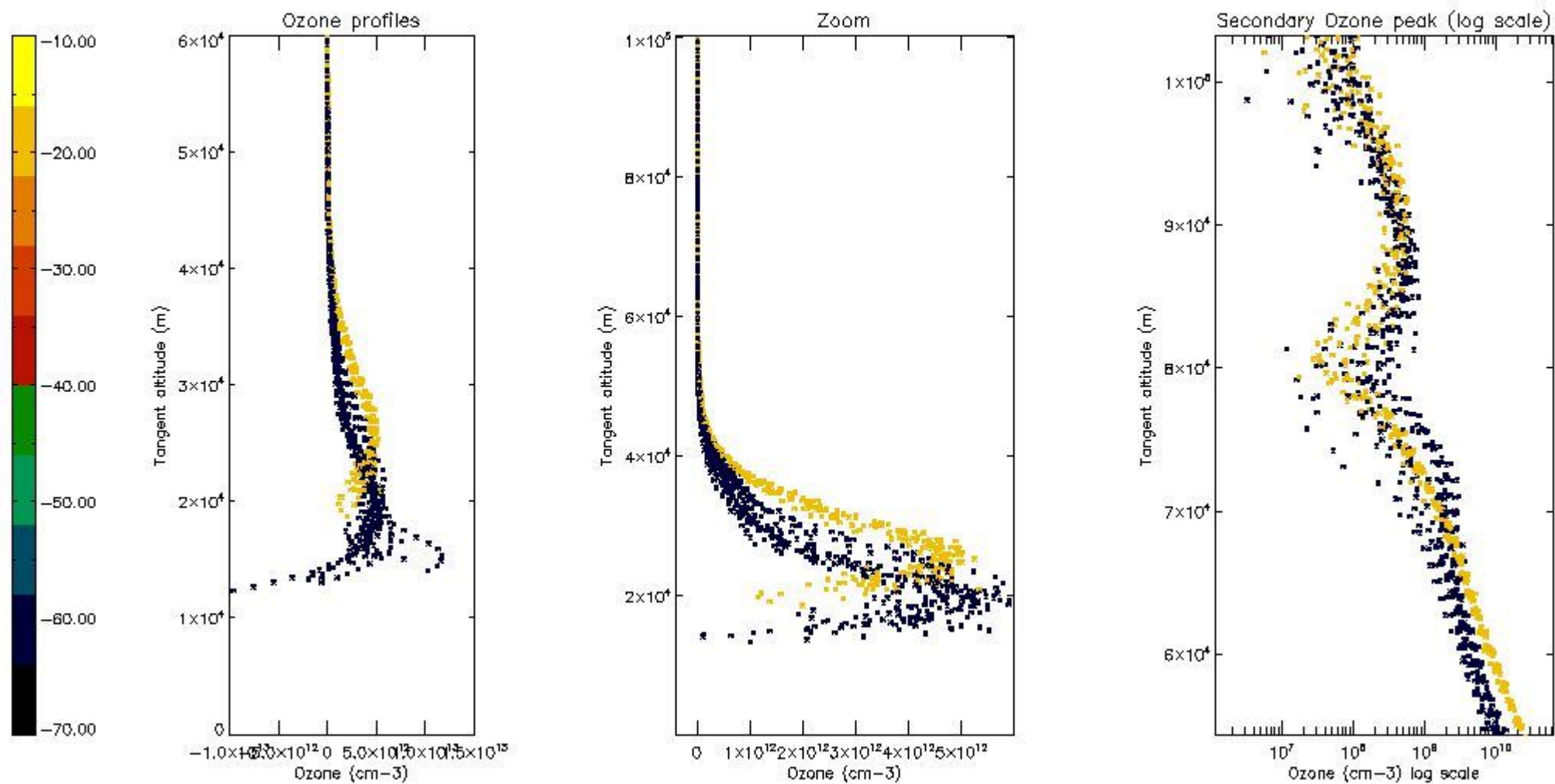
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	15
STD < 20	8

STD < 10	7
STD < 5	2

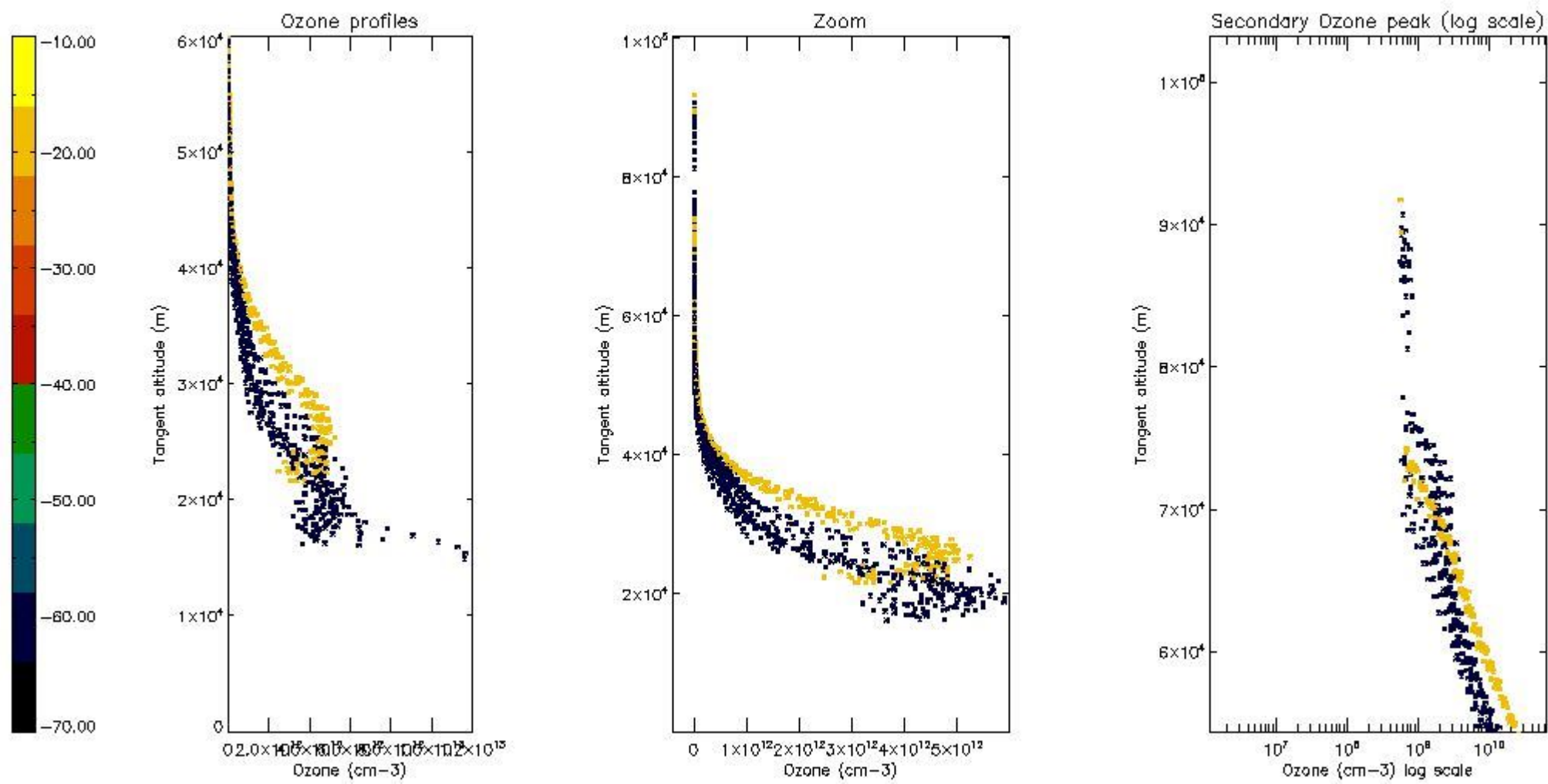
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



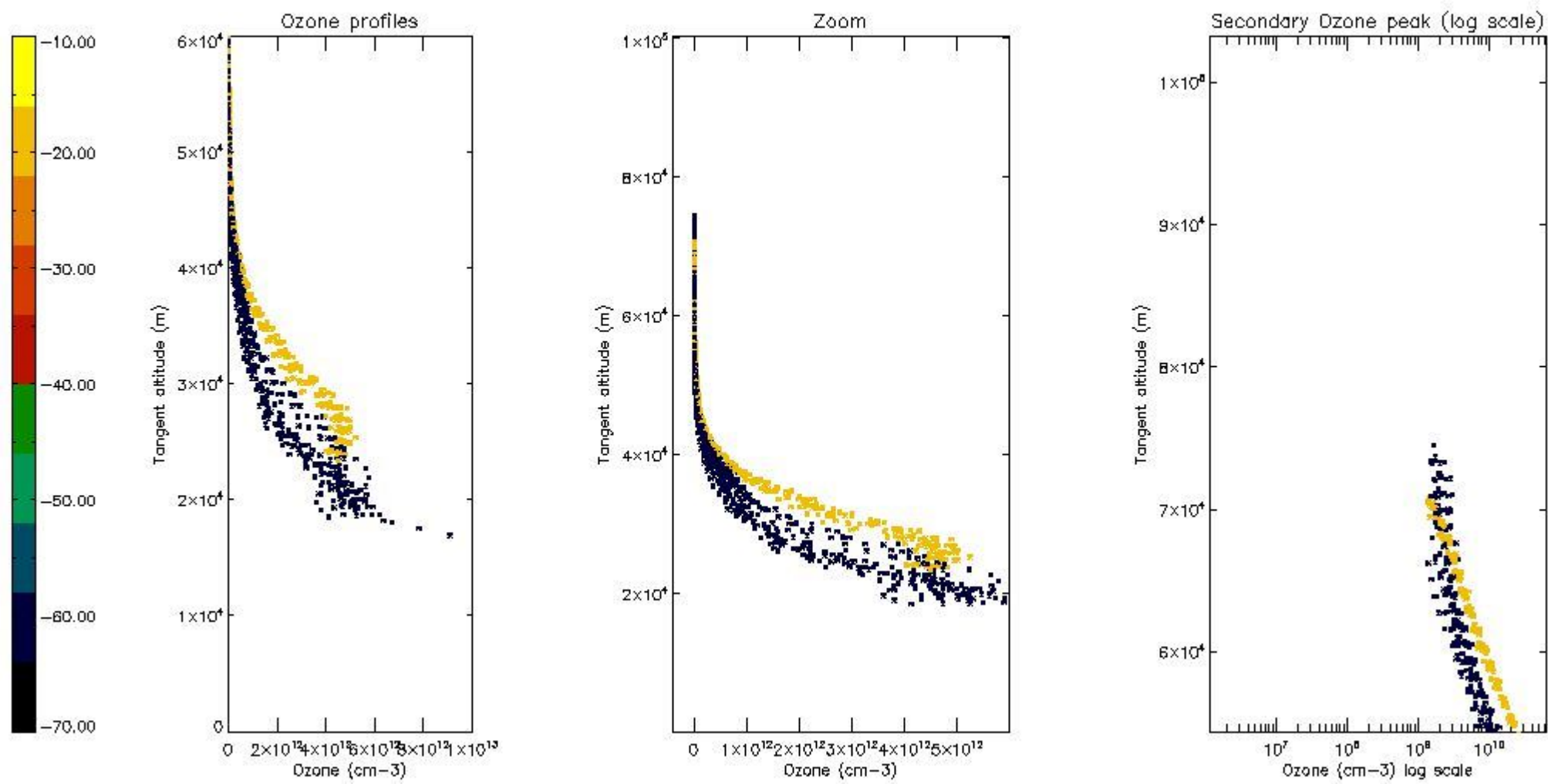
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



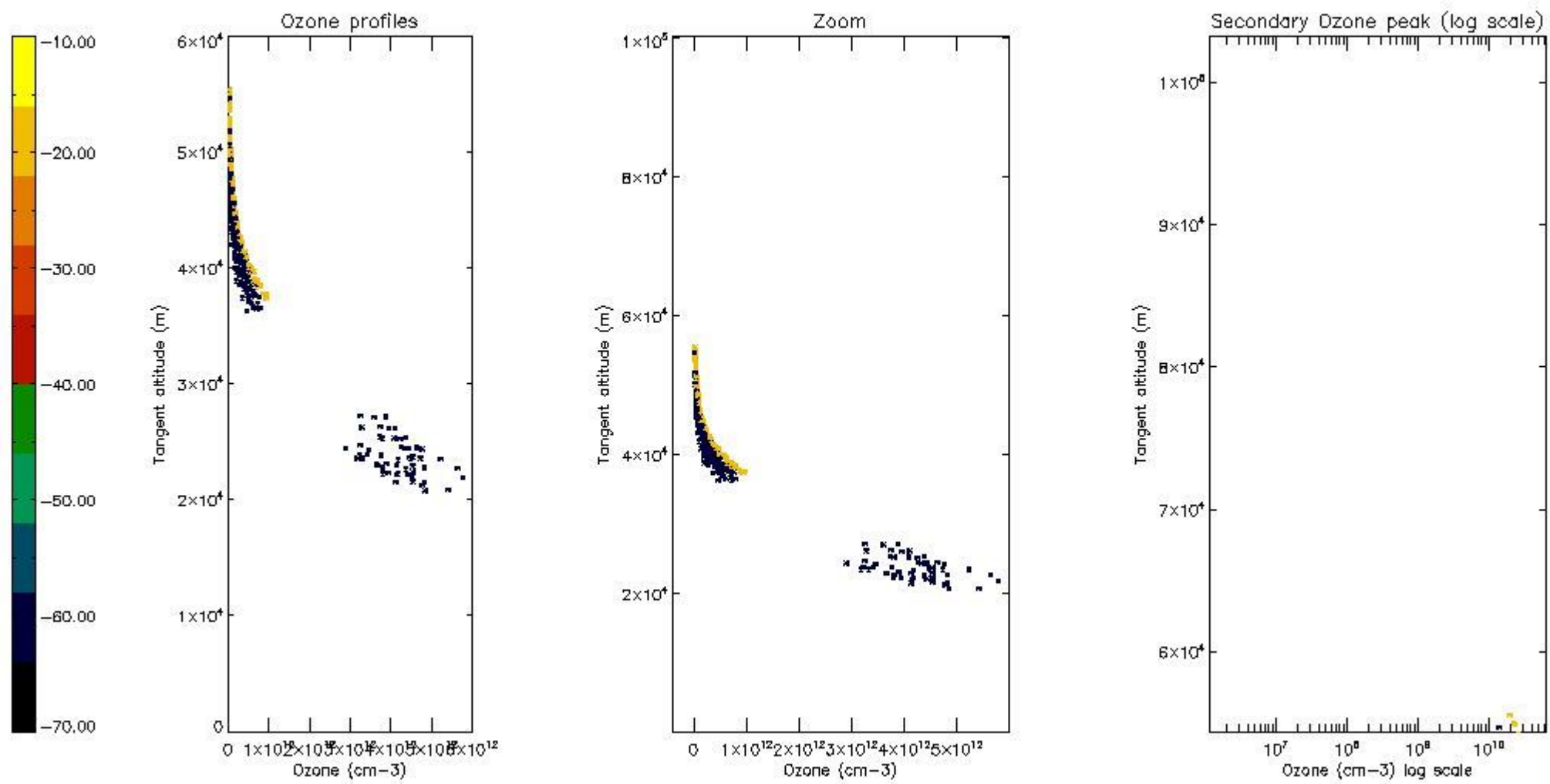
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



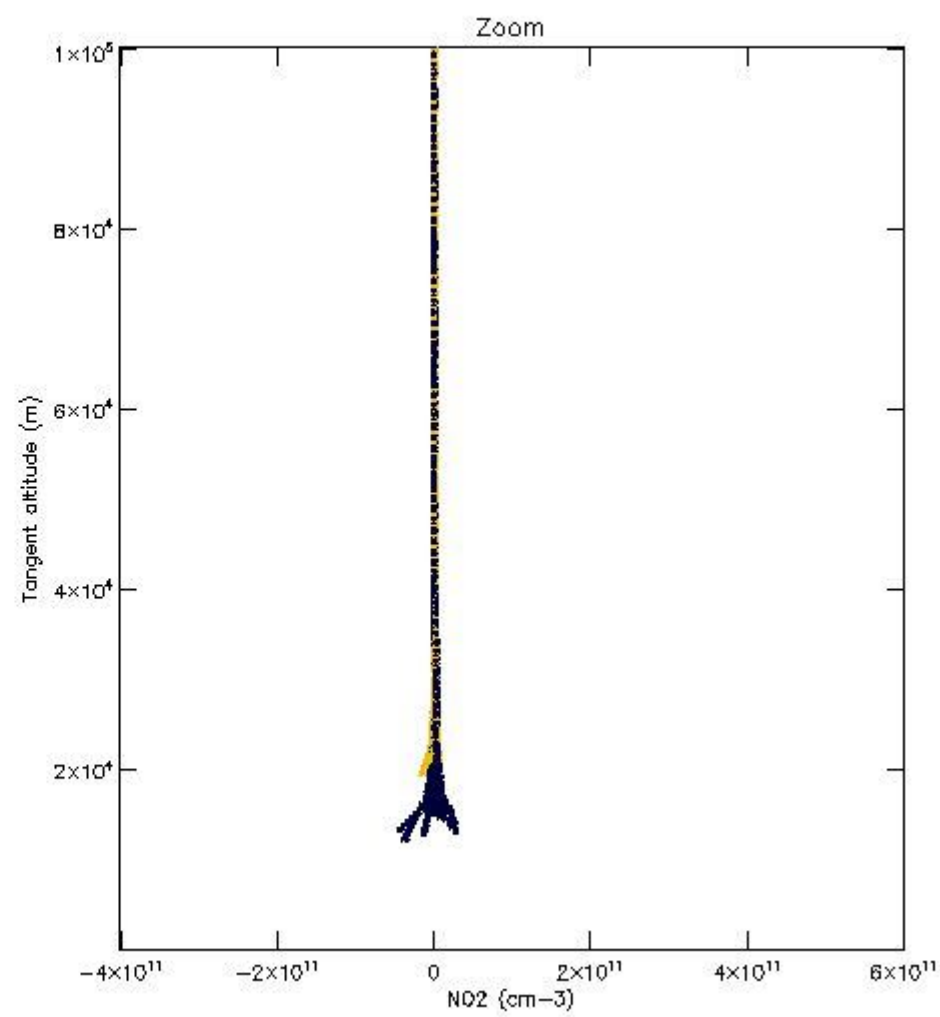
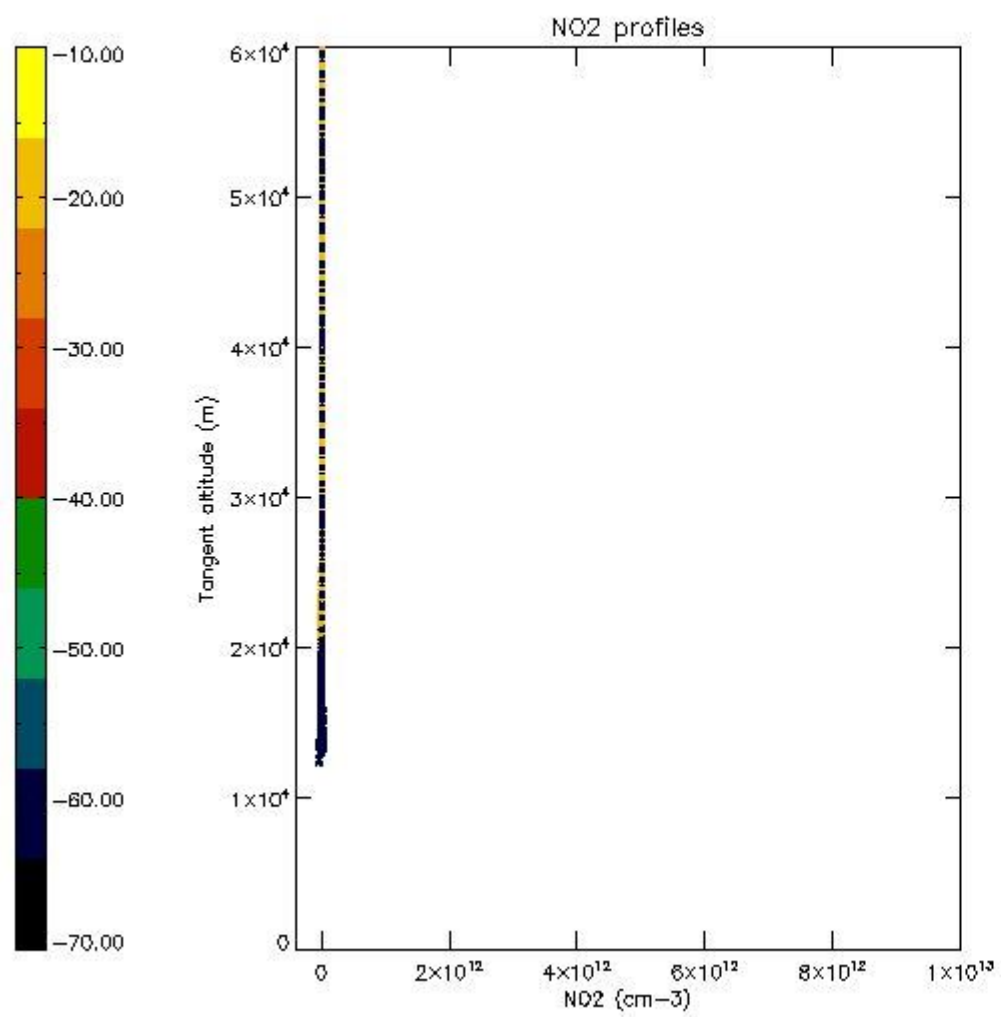
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



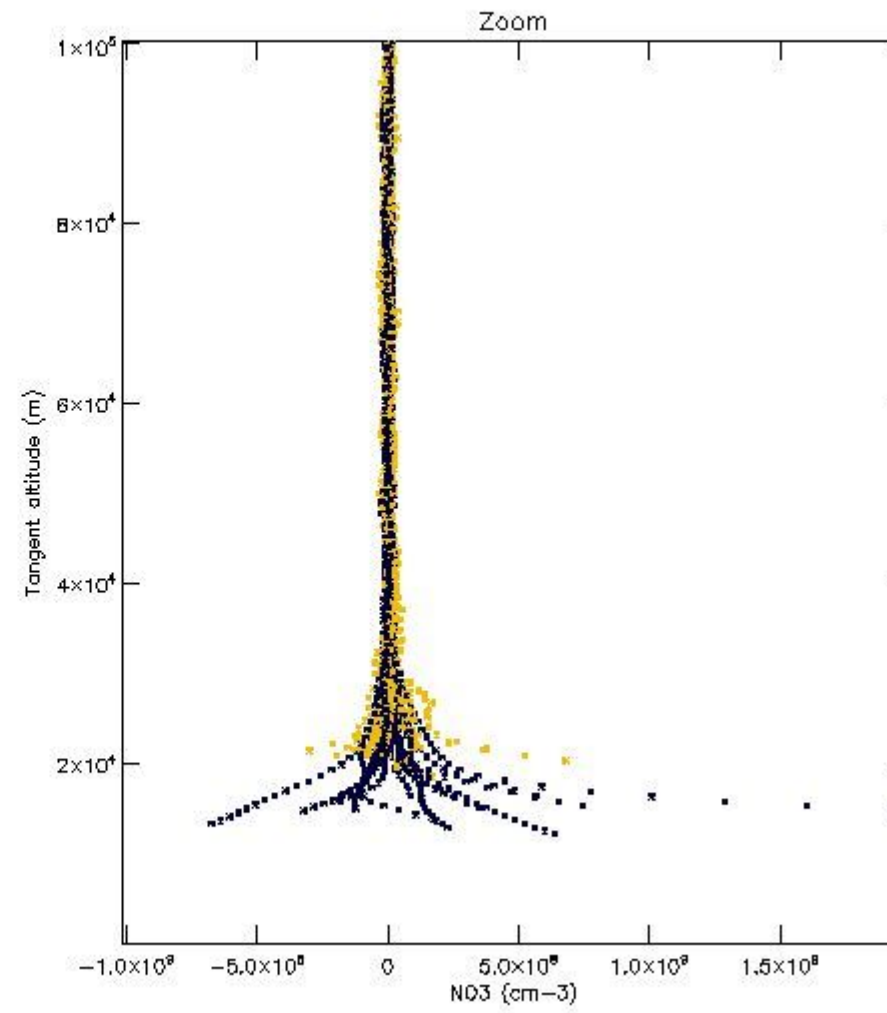
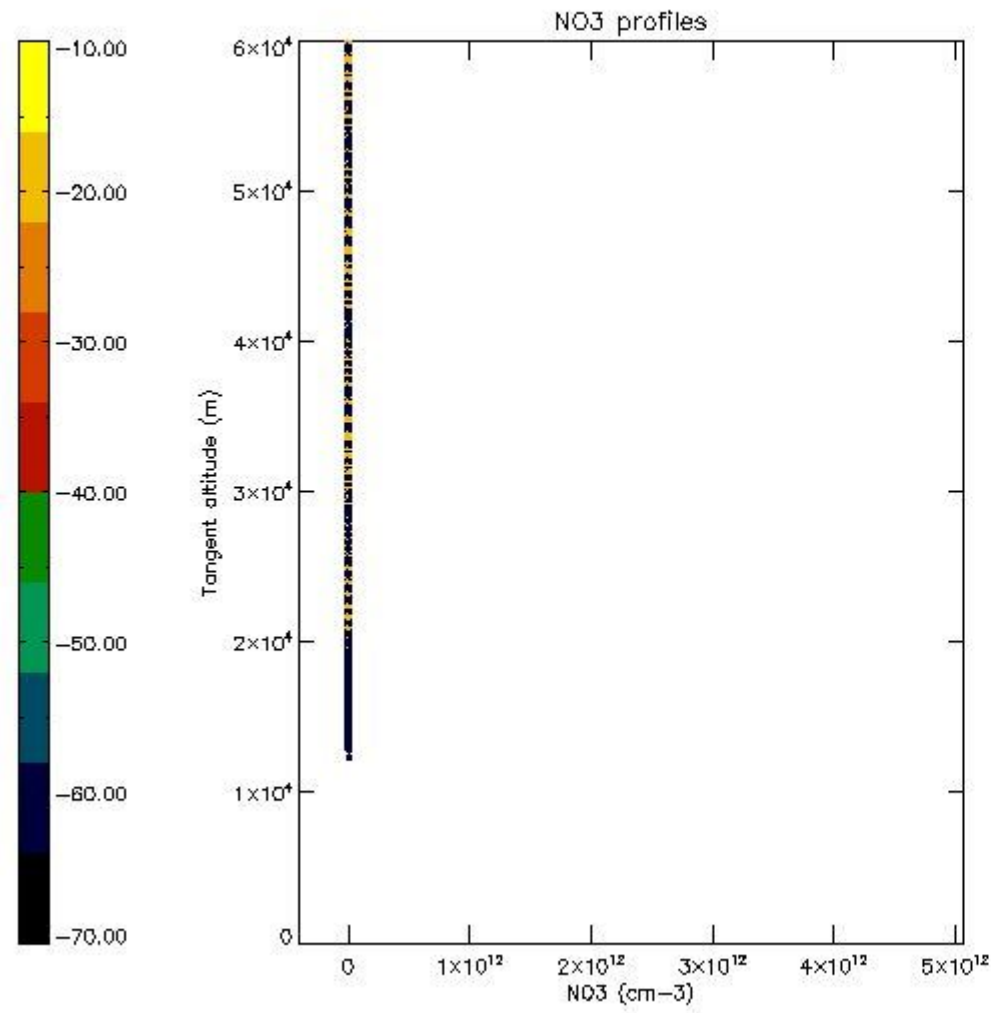
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	17-MAY-2009 00:03:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-MAY-2009 00:03:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-MAY-2009 00:03:45

GOMOS Level 2 Daily Report

SUMMARY

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[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 \(world map\)](#)

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

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

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

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[5.5. 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 09:33:40
Data source version	GOMOS/6.01
Start time of products	17-05-2009 (17MAY2009 00:00:00)
Stop time of products	18-05-2009 (18MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	196
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__2PRFIN20090517_000345_000000552079_00073_37702_5541.N1	17-MAY-2009 00:03:45	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37702	No
2	GOM_NL__2PRFIN20090517_003832_000000542079_00074_37703_5544.N1	17-MAY-2009 00:38:32	Straylight	53.500	40	The Sco	1.8590	7100.0	107	37703	No
3	GOM_NL__2PRFIN20090517_004025_000000502079_00074_37703_5545.N1	17-MAY-2009 00:40:25	Straylight	50.000	25	35Lam Sco	1.6200	28000.	100	37703	No
4	GOM_NL__2PRFIN20090517_004242_000000502079_00074_37703_5546.N1	17-MAY-2009 00:42:42	Twilight	50.000	75	26Eps Sco	2.2910	4250.0	100	37703	No
5	GOM_NL__2PRFIN20090517_004546_000000562079_00074_37703_5547.N1	17-MAY-2009 00:45:46	Twilight	55.500	16	21Alp Sco	1.0200	3000.0	111	37703	No
6	GOM_NL__2PRFIN20090517_004821_000000452079_00074_37703_5548.N1	17-MAY-2009 00:48:21	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37703	No
7	GOM_NL__2PRFIN20090517_005136_000000522079_00074_37703_5549.N1	17-MAY-2009 00:51:36	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	37703	No
8	GOM_NL__2PRFIN20090517_005404_000000492079_00074_37703_5550.N1	17-MAY-2009 00:54:04	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	37703	No
9	GOM_NL__2PRFIN20090517_005714_000000432079_00074_37703_5551.N1	17-MAY-2009 00:57:14	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37703	No
10	GOM_NL__2PRFIN20090517_010336_000000422079_00074_37703_5552.N1	17-MAY-2009 01:03:36	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	37703	No
11	GOM_NL__2PRFIN20090517_011435_000000422079_00074_37703_5553.N1	17-MAY-2009 01:14:35	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37703	No
12	GOM_NL__2PRFIN20090517_012532_000000442079_00074_37703_5554.N1	17-MAY-2009 01:25:32	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37703	No
13	GOM_NL__2PRFIN20090517_013934_000000532079_00074_37703_5555.N1	17-MAY-2009 01:39:34	Twilight	53.000	93	53Bet Peg	2.5200	3100.0	106	37703	No
14	GOM_NL__2PRFIN20090517_014421_000000542079_00074_37703_5556.N1	17-MAY-2009 01:44:21	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	37703	No
15	GOM_NL__2PRFIN20090517_020316_000000462079_00074_37703_5557.N1	17-MAY-2009 02:03:16	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37703	No
16	GOM_NL__2PRFIN20090517_021909_000000502079_00075_37704_5578.N1	17-MAY-2009 02:19:09	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37704	No
17	GOM_NL__2PRFIN20090517_022101_000000522079_00075_37704_5579.N1	17-MAY-2009 02:21:01	Straylight	51.500	25	35Lam Sco	1.6200	28000.	103	37704	No
18	GOM_NL__2PRFIN20090517_022319_000000502079_00075_37704_5580.N1	17-MAY-2009 02:23:19	Twilight	49.500	75	26Eps Sco	2.2910	4250.0	99	37704	No
19	GOM_NL__2PRFIN20090517_022622_000000582079_00075_37704_5581.N1	17-MAY-2009 02:26:22	Twilight	58.000	16	21Alp Sco	1.0200	3000.0	116	37704	No
20	GOM_NL__2PRFIN20090517_022856_000000442079_00075_37704_5582.N1	17-MAY-2009 02:28:56	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	37704	No
21	GOM_NL__2PRFIN20090517_023211_000000522079_00075_37704_5583.N1	17-MAY-2009 02:32:11	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	37704	No
22	GOM_NL__2PRFIN20090517_023440_000000492079_00075_37704_5584.N1	17-MAY-2009 02:34:40	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	37704	No
23	GOM_NL__2PRFIN20090517_023750_000000422079_00075_37704_5585.N1	17-MAY-2009 02:37:50	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	37704	No
24	GOM_NL__2PRFIN20090517_024411_000000412079_00075_37704_5586.N1	17-MAY-2009 02:44:11	Bright	40.500	67	5Alp CrB	2.2210	11000.	81	37704	No
25	GOM_NL__2PRFIN20090517_025511_000000422079_00075_37704_5587.N1	17-MAY-2009 02:55:11	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37704	No
26	GOM_NL__2PRFIN20090517_030608_000000452079_00075_37704_5588.N1	17-MAY-2009 03:06:08	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	37704	No
27	GOM_NL__2PRFIN20090517_032010_000000602079_00075_37704_5589.N1	17-MAY-2009 03:20:10	Twilight	59.500	93	53Bet Peg	2.5200	3100.0	119	37704	No
28	GOM_NL__2PRFIN20090517_032458_000000572079_00075_37704_5590.N1	17-MAY-2009 03:24:58	Dark	57.000	90	54Alp Peg	2.4870	11000.	114	37704	No
29	GOM_NL__2PRFIN20090517_034353_000000472079_00075_37704_5591.N1	17-MAY-2009 03:43:53	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37704	No
30	GOM_NL__2PRFIN20090517_035946_000000512079_00076_37705_5592.N1	17-MAY-2009 03:59:46	Straylight	50.500	40	The Sco	1.8590	7100.0	101	37705	No
31	GOM_NL__2PRFIN20090517_040138_000000512079_00076_37705_5593.N1	17-MAY-2009 04:01:38	Straylight	50.500	25	35Lam Sco	1.6200	28000.	101	37705	No
32	GOM_NL__2PRFIN20090517_040356_000000472079_00076_37705_5594.N1	17-MAY-2009 04:03:56	Twilight	46.500	75	26Eps Sco	2.2910	4250.0	93	37705	No
33	GOM_NL__2PRFIN20090517_040658_000000592079_00076_37705_5595.N1	17-MAY-2009 04:06:58	Twilight	58.500	16	21Alp Sco	1.0200	3000.0	117	37705	No
34	GOM_NL__2PRFIN20090517_040933_000000442079_00076_37705_5596.N1	17-MAY-2009 04:09:33	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	37705	No
35	GOM_NL__2PRFIN20090517_041247_000000512079_00076_37705_5597.N1	17-MAY-2009 04:12:47	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	37705	No
36	GOM_NL__2PRFIN20090517_041516_000000492079_00076_37705_5598.N1	17-MAY-2009 04:15:16	Bright	49.000	120	1Del Oph	2.7340	3200.0	98	37705	No
37	GOM_NL__2PRFIN20090517_041825_000000432079_00076_37705_5599.N1	17-MAY-2009 04:18:25	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	37705	No
38	GOM_NL__2PRFIN20090517_042447_000000442079_00076_37705_5600.N1	17-MAY-2009 04:24:47	Bright	44.000	67	5Alp CrB	2.2210	11000.	88	37705	No
39	GOM_NL__2PRFIN20090517_043546_000000432079_00076_37705_5601.N1	17-MAY-2009 04:35:46	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	37705	No
40	GOM_NL__2PRFIN20090517_044643_000000442079_00076_37705_5602.N1	17-MAY-2009 04:46:43	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	37705	No
41	GOM_NL__2PRFIN20090517_050046_000000582079_00076_37705_5603.N1	17-MAY-2009 05:00:46	Twilight	58.000	93	53Bet Peg	2.5200	3100.0	116	37705	No
42	GOM_NL__2PRFIN20090517_050535_000000542079_00076_37705_5604.N1	17-MAY-2009 05:05:35	Dark	53.500	90	54Alp Peg	2.4870	11000.	107	37705	No

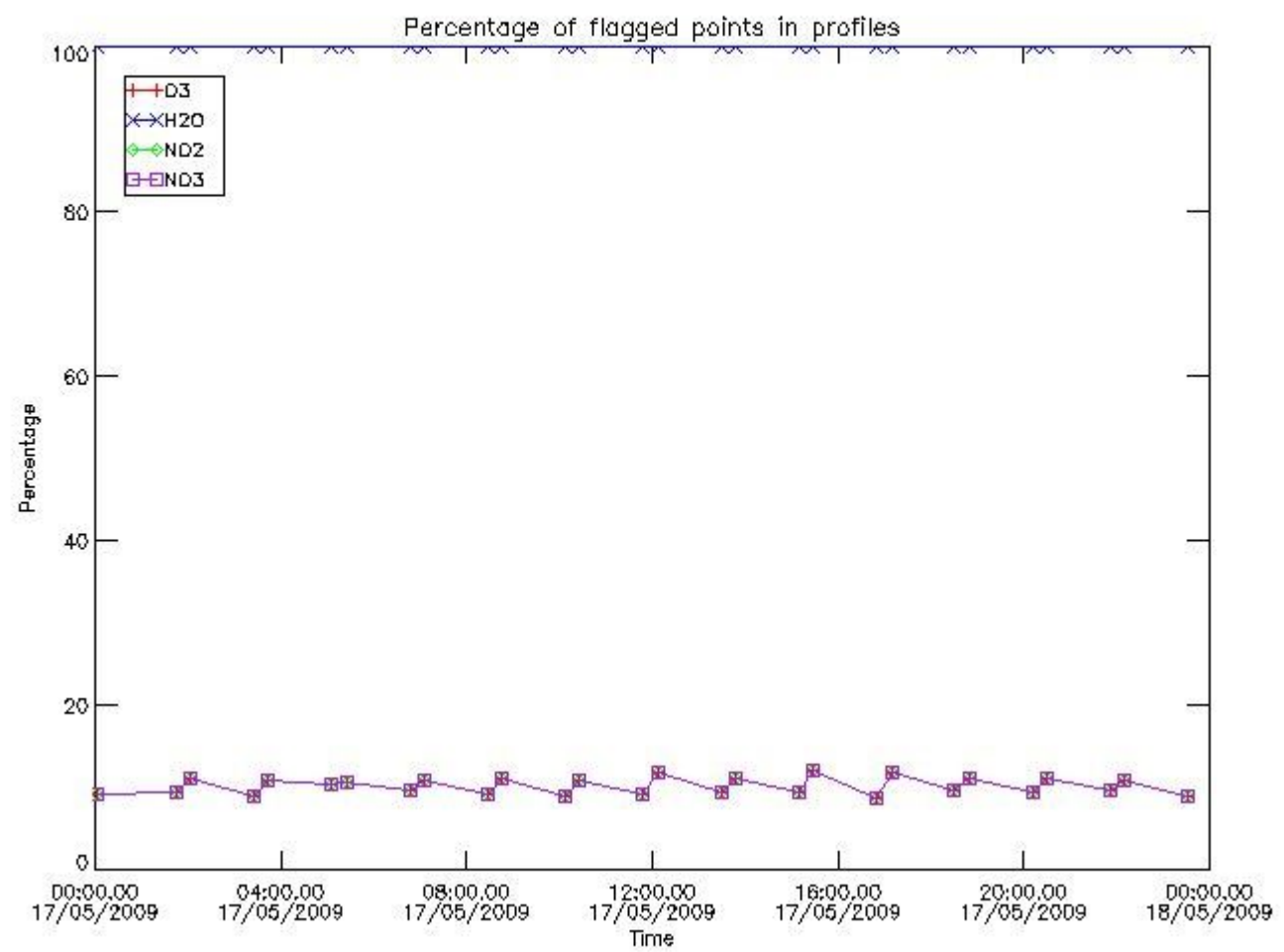
43	GOM_NL__2PRFIN20090517_052430_000000492079_00076_37705_5605.N1	17-MAY-2009 05:24:30	Dark	48.500	172	Gam Gru	3.0030	13100.	97	37705	No
44	GOM_NL__2PRFIN20090517_054022_000000452079_00077_37706_5608.N1	17-MAY-2009 05:40:22	Straylight	45.000	40	The Sco	1.8590	7100.0	90	37706	No
45	GOM_NL__2PRFIN20090517_054215_000000532079_00077_37706_5609.N1	17-MAY-2009 05:42:15	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	37706	No
46	GOM_NL__2PRFIN20090517_054432_000000512079_00077_37706_5610.N1	17-MAY-2009 05:44:32	Twilight_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	37706	No
47	GOM_NL__2PRFIN20090517_054735_000000602079_00077_37706_5611.N1	17-MAY-2009 05:47:35	Twilight_stray	60.000	16	21Alp Sco	1.0200	3000.0	120	37706	No
48	GOM_NL__2PRFIN20090517_055009_000000432079_00077_37706_5612.N1	17-MAY-2009 05:50:09	Bright	42.500	97	8Bet1Sco	2.5610	30000.	85	37706	No
49	GOM_NL__2PRFIN20090517_055323_000000502079_00077_37706_5613.N1	17-MAY-2009 05:53:23	Bright	50.000	98	13Zet Oph	2.5710	30000.	100	37706	No
50	GOM_NL__2PRFIN20090517_055552_000000492079_00077_37706_5614.N1	17-MAY-2009 05:55:52	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	37706	No
51	GOM_NL__2PRFIN20090517_055901_000000442079_00077_37706_5615.N1	17-MAY-2009 05:59:01	Bright	44.000	102	24Alp Ser	2.6000	4250.0	88	37706	No
52	GOM_NL__2PRFIN20090517_060523_000000412079_00077_37706_5616.N1	17-MAY-2009 06:05:23	Bright	41.000	67	5Alp CrB	2.2210	11000.	82	37706	No
53	GOM_NL__2PRFIN20090517_061622_000000412079_00077_37706_5617.N1	17-MAY-2009 06:16:22	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	37706	No
54	GOM_NL__2PRFIN20090517_062719_000000532079_00077_37706_5618.N1	17-MAY-2009 06:27:19	Bright	53.000	89	5Alp Cep	2.4510	8000.0	106	37706	No
55	GOM_NL__2PRFIN20090517_064122_000000622079_00077_37706_5619.N1	17-MAY-2009 06:41:22	Twilight_stray	61.500	93	53Bet Peg	2.5200	3100.0	123	37706	No
56	GOM_NL__2PRFIN20090517_064611_000000542079_00077_37706_5620.N1	17-MAY-2009 06:46:11	Dark	53.500	90	54Alp Peg	2.4870	11000.	107	37706	No
57	GOM_NL__2PRFIN20090517_070507_000000472079_00077_37706_5621.N1	17-MAY-2009 07:05:07	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37706	No
58	GOM_NL__2PRFIN20090517_072059_000000502079_00078_37707_5625.N1	17-MAY-2009 07:20:59	Straylight	50.000	40	The Sco	1.8590	7100.0	100	37707	No
59	GOM_NL__2PRFIN20090517_072251_000000492079_00078_37707_5626.N1	17-MAY-2009 07:22:51	Straylight	49.000	25	35Lam Sco	1.6200	28000.	98	37707	No
60	GOM_NL__2PRFIN20090517_072508_000000502079_00078_37707_5627.N1	17-MAY-2009 07:25:08	Twilight_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	37707	No
61	GOM_NL__2PRFIN20090517_072811_000000572079_00078_37707_5628.N1	17-MAY-2009 07:28:11	Twilight_stray	57.000	16	21Alp Sco	1.0200	3000.0	114	37707	No
62	GOM_NL__2PRFIN20090517_073045_000000472079_00078_37707_5629.N1	17-MAY-2009 07:30:45	Bright	47.000	97	8Bet1Sco	2.5610	30000.	94	37707	No
63	GOM_NL__2PRFIN20090517_073359_000000512079_00078_37707_5630.N1	17-MAY-2009 07:33:59	Bright	51.000	98	13Zet Oph	2.5710	30000.	102	37707	No
64	GOM_NL__2PRFIN20090517_073627_000000482079_00078_37707_5631.N1	17-MAY-2009 07:36:27	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	37707	No
65	GOM_NL__2PRFIN20090517_073937_000000462079_00078_37707_5632.N1	17-MAY-2009 07:39:37	Bright	45.500	102	24Alp Ser	2.6000	4250.0	91	37707	No
66	GOM_NL__2PRFIN20090517_074558_000000422079_00078_37707_5633.N1	17-MAY-2009 07:45:58	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	37707	No
67	GOM_NL__2PRFIN20090517_075658_000000402079_00078_37707_5634.N1	17-MAY-2009 07:56:58	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37707	No
68	GOM_NL__2PRFIN20090517_080754_000000632079_00078_37707_5635.N1	17-MAY-2009 08:07:54	Bright	62.500	89	5Alp Cep	2.4510	8000.0	125	37707	No
69	GOM_NL__2PRFIN20090517_082159_000000612079_00078_37707_5636.N1	17-MAY-2009 08:21:59	Twilight_stray	61.000	93	53Bet Peg	2.5200	3100.0	122	37707	No
70	GOM_NL__2PRFIN20090517_082648_000000562079_00078_37707_5637.N1	17-MAY-2009 08:26:48	Dark	56.000	90	54Alp Peg	2.4870	11000.	112	37707	No
71	GOM_NL__2PRFIN20090517_084544_000000462079_00078_37707_5638.N1	17-MAY-2009 08:45:44	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37707	No
72	GOM_NL__2PRFIN20090517_090136_000000482079_00079_37708_5639.N1	17-MAY-2009 09:01:36	Straylight	48.000	40	The Sco	1.8590	7100.0	96	37708	No
73	GOM_NL__2PRFIN20090517_090328_000000482079_00079_37708_5640.N1	17-MAY-2009 09:03:28	Straylight	48.000	25	35Lam Sco	1.6200	28000.	96	37708	No
74	GOM_NL__2PRFIN20090517_090544_000000522079_00079_37708_5641.N1	17-MAY-2009 09:05:44	Twilight_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	37708	No
75	GOM_NL__2PRFIN20090517_090847_000000642079_00079_37708_5642.N1	17-MAY-2009 09:08:47	Twilight_stray	64.000	16	21Alp Sco	1.0200	3000.0	128	37708	No
76	GOM_NL__2PRFIN20090517_091121_000000452079_00079_37708_5643.N1	17-MAY-2009 09:11:21	Bright	44.500	97	8Bet1Sco	2.5610	30000.	89	37708	No
77	GOM_NL__2PRFIN20090517_091435_000000522079_00079_37708_5644.N1	17-MAY-2009 09:14:35	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	37708	No
78	GOM_NL__2PRFIN20090517_091703_000000482079_00079_37708_5645.N1	17-MAY-2009 09:17:03	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	37708	No
79	GOM_NL__2PRFIN20090517_092012_000000432079_00079_37708_5646.N1	17-MAY-2009 09:20:12	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	37708	No
80	GOM_NL__2PRFIN20090517_092634_000000432079_00079_37708_5647.N1	17-MAY-2009 09:26:34	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37708	No
81	GOM_NL__2PRFIN20090517_093733_000000402079_00079_37708_5648.N1	17-MAY-2009 09:37:33	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	37708	No
82	GOM_NL__2PRFIN20090517_094830_000000442079_00079_37708_5649.N1	17-MAY-2009 09:48:30	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	37708	No
83	GOM_NL__2PRFIN20090517_100235_000000642079_00079_37708_5650.N1	17-MAY-2009 10:02:35	Twilight_stray	64.000	93	53Bet Peg	2.5200	3100.0	128	37708	No
84	GOM_NL__2PRFIN20090517_100724_000000582079_00079_37708_5651.N1	17-MAY-2009 10:07:24	Dark	57.500	90	54Alp Peg	2.4870	11000.	115	37708	No
85	GOM_NL__2PRFIN20090517_102621_000000472079_00079_37708_5652.N1	17-MAY-2009 10:26:21	Dark	46.500	172	Gam Gru	3.0030	13100.	93	37708	No
86	GOM_NL__2PRFIN20090517_104212_000000462079_00080_37709_5653.N1	17-MAY-2009 10:42:12	Straylight	46.000	40	The Sco	1.8590	7100.0	92	37709	No
87	GOM_NL__2PRFIN20090517_104404_000000532079_00080_37709_5654.N1	17-MAY-2009 10:44:04	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37709	No
88	GOM_NL__2PRFIN20090517_104621_000000492079_00080_37709_5655.N1	17-MAY-2009 10:46:21	Twilight_stray	48.500	75	26Eps Sco	2.2910	4250.0	97	37709	No
89	GOM_NL__2PRFIN20090517_104923_000000562079_00080_37709_5656.N1	17-MAY-2009 10:49:23	Twilight_stray	55.500	16	21Alp Sco	1.0200	3000.0	111	37709	No
90	GOM_NL__2PRFIN20090517_105157_000000452079_00080_37709_5657.N1	17-MAY-2009 10:51:57	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	37709	No
91	GOM_NL__2PRFIN20090517_105511_000000482079_00080_37709_5658.N1	17-MAY-2009 10:55:11	Bright	48.000	98	13Zet Oph	2.5710	30000.	96	37709	No
92	GOM_NL__2PRFIN20090517_105739_000000482079_00080_37709_5659.N1	17-MAY-2009 10:57:39	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	37709	No
93	GOM_NL__2PRFIN20090517_110048_000000422079_00080_37709_5660.N1	17-MAY-2009 11:00:48	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	37709	No
94	GOM_NL__2PRFIN20090517_110709_000000412079_00080_37709_5661.N1	17-MAY-2009 11:07:09	Bright	41.000	67	5Alp CrB	2.2210	11000.	82	37709	No
95	GOM_NL__2PRFIN20090517_111808_000000412079_00080_37709_5662.N1	17-MAY-2009 11:18:08	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	37709	No
96	GOM_NL__2PRFIN20090517_112905_000000432079_00080_37709_5663.N1	17-MAY-2009 11:29:05	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	37709	No
97	GOM_NL__2PRFIN20090517_114311_000000622079_00080_37709_5664.N1	17-MAY-2009 11:43:11	Twilight_stray	62.000	93	53Bet Peg	2.5200	3100.0	124	37709	No
98	GOM_NL__2PRFIN20090517_114801_000000552079_00080_37709_5665.N1	17-MAY-2009 11:48:01	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	37709	No
99	GOM_NL__2PRFIN20090517_120658_000000482079_00080_37709_5666.N1	17-MAY-2009 12:06:58	Dark	47.500	172	Gam Gru	3.0030	13100.	95	37709	No
100	GOM_NL__2PRFIN20090517_122249_000000482079_00081_37710_5667.N1	17-MAY-2009 12:22:49	Straylight	48.000	40	The Sco	1.8590	7100.0	96	37710	No
101	GOM_NL__2PRFIN20090517_122440_000000562079_00081_37710_5668.N1	17-MAY-2009 12:24:40	Straylight	56.000	25	35Lam Sco	1.6200	28000.	112	37710	No

161	GOM_NL__2PRFIN20090517_191810_000000522079_00085_37714_5754.N1	17-MAY-2009 19:18:10	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	37714	No
162	GOM_NL__2PRFIN20090517_192038_000000482079_00085_37714_5755.N1	17-MAY-2009 19:20:38	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37714	No
163	GOM_NL__2PRFIN20090517_192347_000000422079_00085_37714_5756.N1	17-MAY-2009 19:23:47	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	37714	No
164	GOM_NL__2PRFIN20090517_193007_000000432079_00085_37714_5757.N1	17-MAY-2009 19:30:07	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37714	No
165	GOM_NL__2PRFIN20090517_194106_000000422079_00085_37714_5758.N1	17-MAY-2009 19:41:06	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	37714	No
166	GOM_NL__2PRFIN20090517_195203_000000552079_00085_37714_5759.N1	17-MAY-2009 19:52:03	Bright	54.500	89	5Alp Cep	2.4510	8000.0	109	37714	No
167	GOM_NL__2PRFIN20090517_200612_000000682079_00085_37714_5760.N1	17-MAY-2009 20:06:12	Twilight	68.000	93	53Bet Peg	2.5200	3100.0	136	37714	No
168	GOM_NL__2PRFIN20090517_201103_000000542079_00085_37714_5761.N1	17-MAY-2009 20:11:03	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	37714	No
169	GOM_NL__2PRFIN20090517_203003_000000462079_00085_37714_5762.N1	17-MAY-2009 20:30:03	Dark	46.000	172	Gam Gru	3.0030	13100.	92	37714	No
170	GOM_NL__2PRFIN20090517_204551_000000562079_00086_37715_5766.N1	17-MAY-2009 20:45:51	Straylight	55.500	40	The Sco	1.8590	7100.0	111	37715	No
171	GOM_NL__2PRFIN20090517_204743_000000532079_00086_37715_5767.N1	17-MAY-2009 20:47:43	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	37715	No
172	GOM_NL__2PRFIN20090517_204959_000000512079_00086_37715_5768.N1	17-MAY-2009 20:49:59	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	37715	No
173	GOM_NL__2PRFIN20090517_205301_000000602079_00086_37715_5769.N1	17-MAY-2009 20:53:01	Twilight	60.000	16	21Alp Sco	1.0200	3000.0	120	37715	No
174	GOM_NL__2PRFIN20090517_205534_000000512079_00086_37715_5770.N1	17-MAY-2009 20:55:34	Bright	50.500	97	8Bet1Sco	2.5610	30000.	101	37715	No
175	GOM_NL__2PRFIN20090517_205846_000000492079_00086_37715_5771.N1	17-MAY-2009 20:58:46	Bright	48.500	98	13Zet Oph	2.5710	30000.	97	37715	No
176	GOM_NL__2PRFIN20090517_210113_000000482079_00086_37715_5772.N1	17-MAY-2009 21:01:13	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37715	No
177	GOM_NL__2PRFIN20090517_210422_000000422079_00086_37715_5773.N1	17-MAY-2009 21:04:22	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	37715	No
178	GOM_NL__2PRFIN20090517_211043_000000422079_00086_37715_5774.N1	17-MAY-2009 21:10:43	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	37715	No
179	GOM_NL__2PRFIN20090517_212141_000000402079_00086_37715_5775.N1	17-MAY-2009 21:21:41	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	37715	No
180	GOM_NL__2PRFIN20090517_213238_000000662079_00086_37715_5776.N1	17-MAY-2009 21:32:38	Bright	66.000	89	5Alp Cep	2.4510	8000.0	132	37715	No
181	GOM_NL__2PRFIN20090517_214648_000000662079_00086_37715_5777.N1	17-MAY-2009 21:46:48	Twilight	66.000	93	53Bet Peg	2.5200	3100.0	132	37715	No
182	GOM_NL__2PRFIN20090517_215139_000000582079_00086_37715_5778.N1	17-MAY-2009 21:51:39	Dark	57.500	90	54Alp Peg	2.4870	11000.	115	37715	No
183	GOM_NL__2PRFIN20090517_221040_000000472079_00086_37715_5779.N1	17-MAY-2009 22:10:40	Dark	47.000	172	Gam Gru	3.0030	13100.	94	37715	No
184	GOM_NL__2PRFIN20090517_222628_000000552079_00087_37716_5785.N1	17-MAY-2009 22:26:28	Straylight	55.000	40	The Sco	1.8590	7100.0	110	37716	No
185	GOM_NL__2PRFIN20090517_222820_000000552079_00087_37716_5786.N1	17-MAY-2009 22:28:20	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	37716	No
186	GOM_NL__2PRFIN20090517_223035_000000492079_00087_37716_5787.N1	17-MAY-2009 22:30:35	Twilight	49.000	75	26Eps Sco	2.2910	4250.0	98	37716	No
187	GOM_NL__2PRFIN20090517_223337_000000572079_00087_37716_5788.N1	17-MAY-2009 22:33:37	Twilight	56.500	16	21Alp Sco	1.0200	3000.0	113	37716	No
188	GOM_NL__2PRFIN20090517_223610_000000442079_00087_37716_5789.N1	17-MAY-2009 22:36:10	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	37716	No
189	GOM_NL__2PRFIN20090517_223922_000000502079_00087_37716_5790.N1	17-MAY-2009 22:39:22	Bright	50.000	98	13Zet Oph	2.5710	30000.	100	37716	No
190	GOM_NL__2PRFIN20090517_224149_000000482079_00087_37716_5791.N1	17-MAY-2009 22:41:49	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	37716	No
191	GOM_NL__2PRFIN20090517_224458_000000422079_00087_37716_5792.N1	17-MAY-2009 22:44:58	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	37716	No
192	GOM_NL__2PRFIN20090517_225118_000000432079_00087_37716_5793.N1	17-MAY-2009 22:51:18	Bright	42.500	67	5Alp CrB	2.2210	11000.	85	37716	No
193	GOM_NL__2PRFIN20090517_230217_000000422079_00087_37716_5794.N1	17-MAY-2009 23:02:17	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	37716	No
194	GOM_NL__2PRFIN20090517_231314_000000432079_00087_37716_5795.N1	17-MAY-2009 23:13:14	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	37716	No
195	GOM_NL__2PRFIN20090517_232724_000000692079_00087_37716_5796.N1	17-MAY-2009 23:27:24	Twilight	68.500	93	53Bet Peg	2.5200	3100.0	137	37716	No
196	GOM_NL__2PRFIN20090517_233216_000000562079_00087_37716_5797.N1	17-MAY-2009 23:32:16	Dark	56.000	90	54Alp Peg	2.4870	11000.	112	37716	No

3. Quality information per product

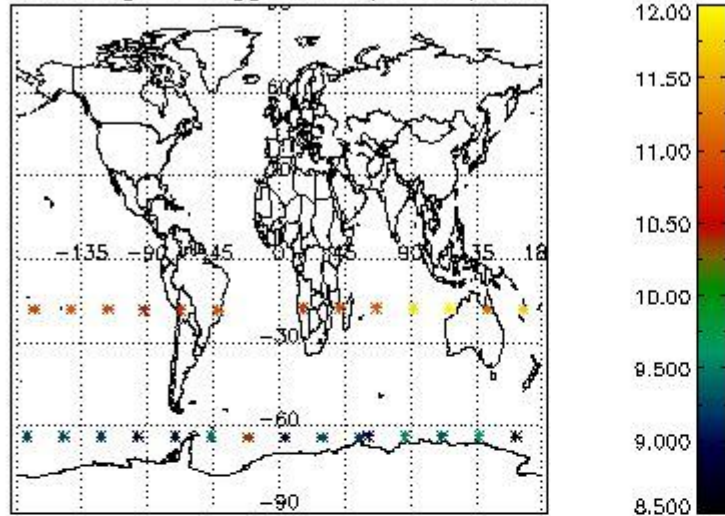
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

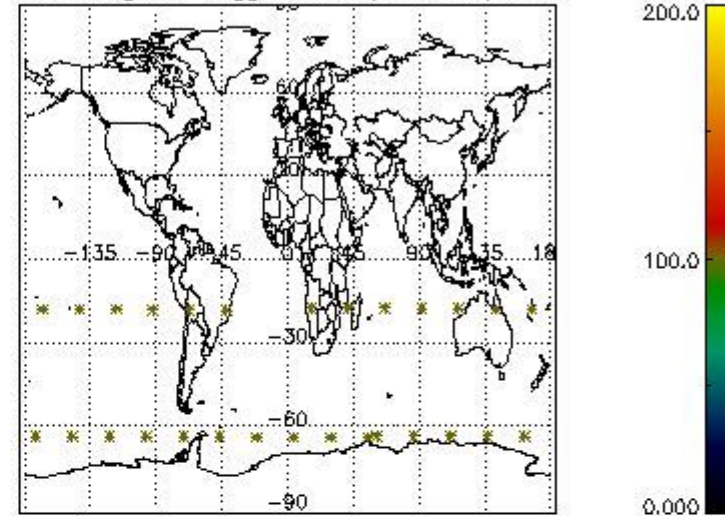


3.2 Plot quality information per product (world map)

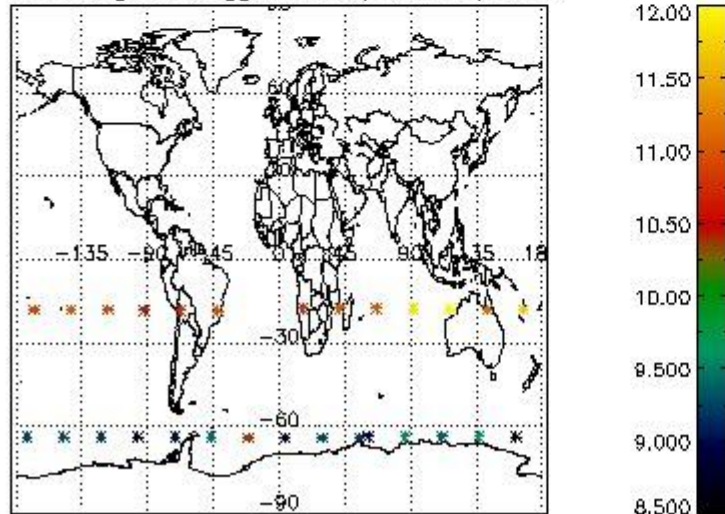
Percentage of flagged data per O3 profile



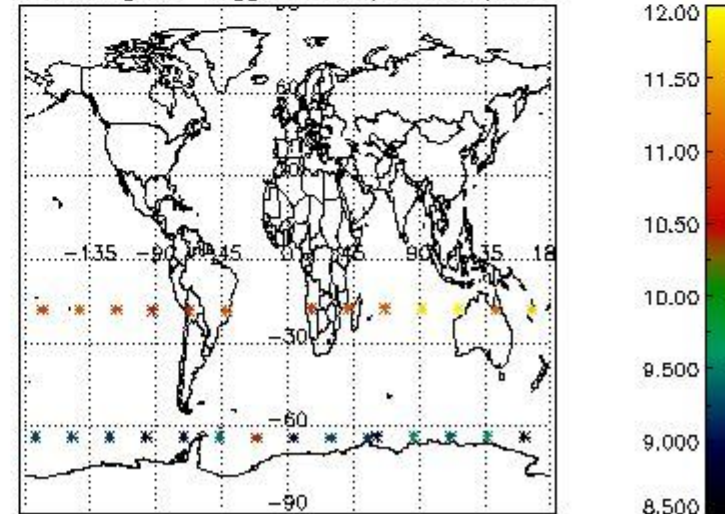
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

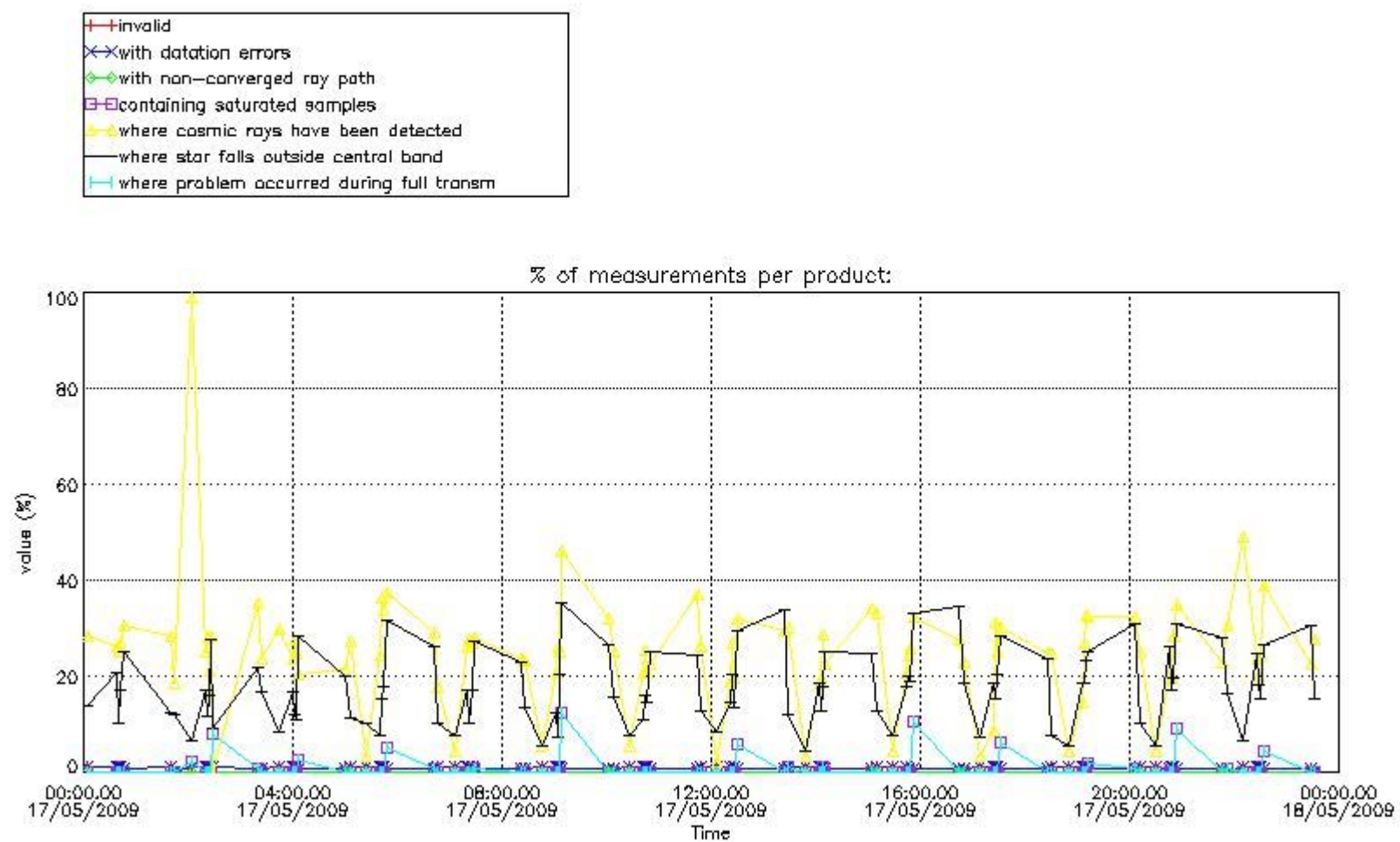


4. Level 1 quality information per product

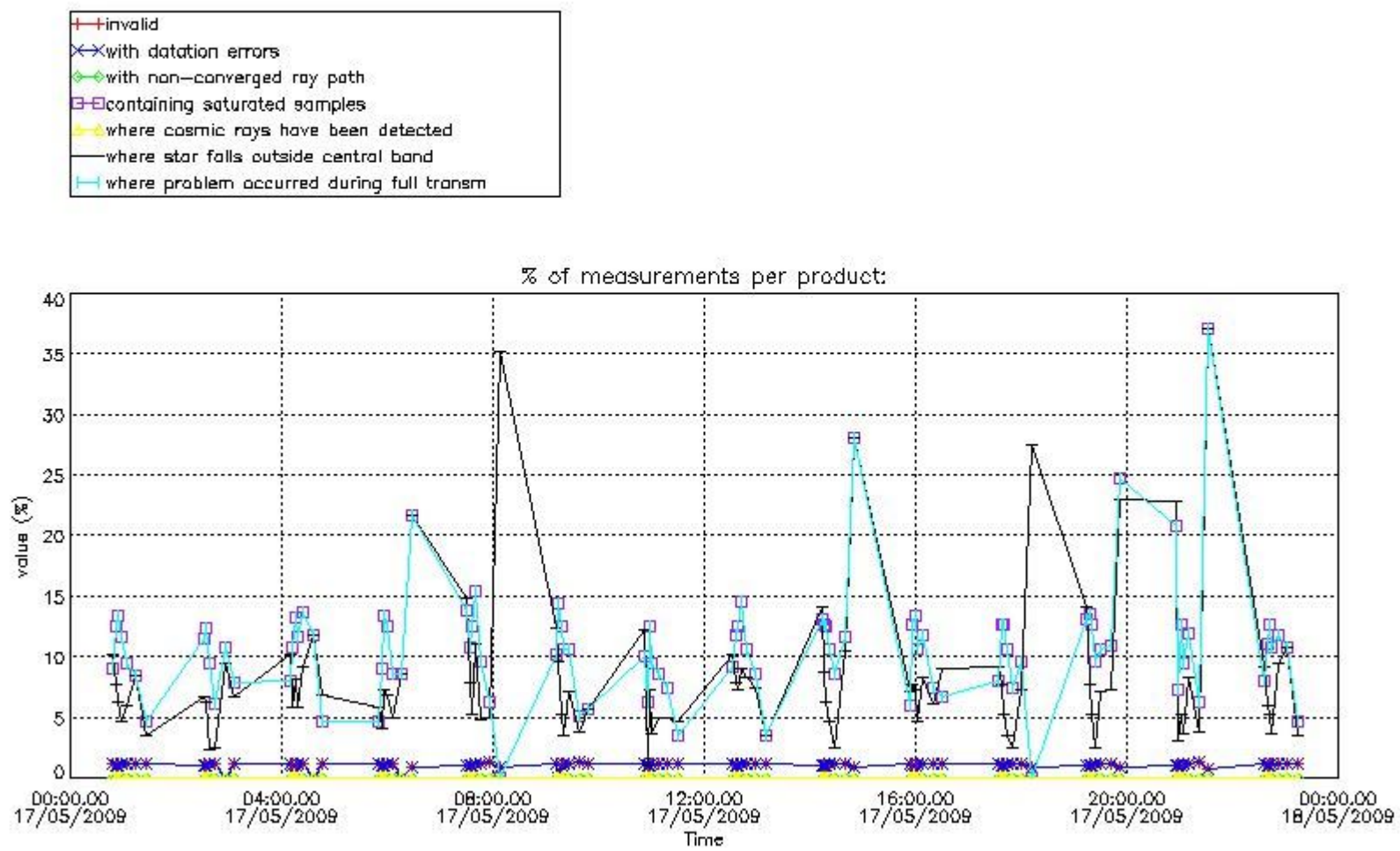
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

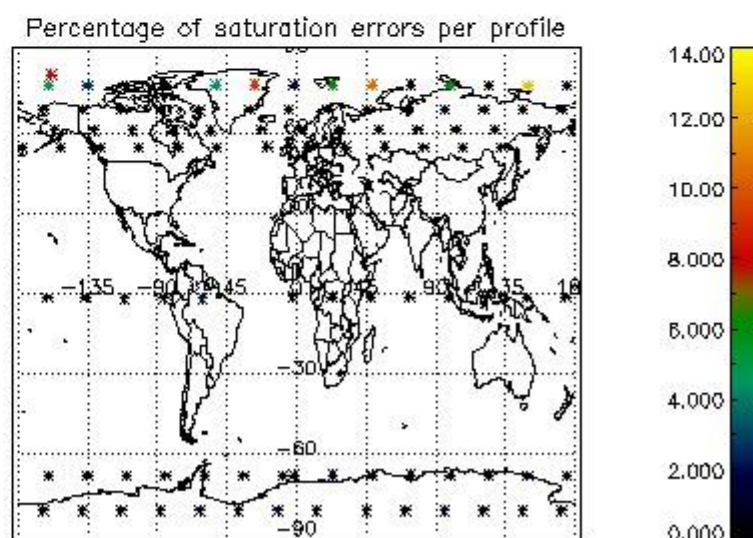
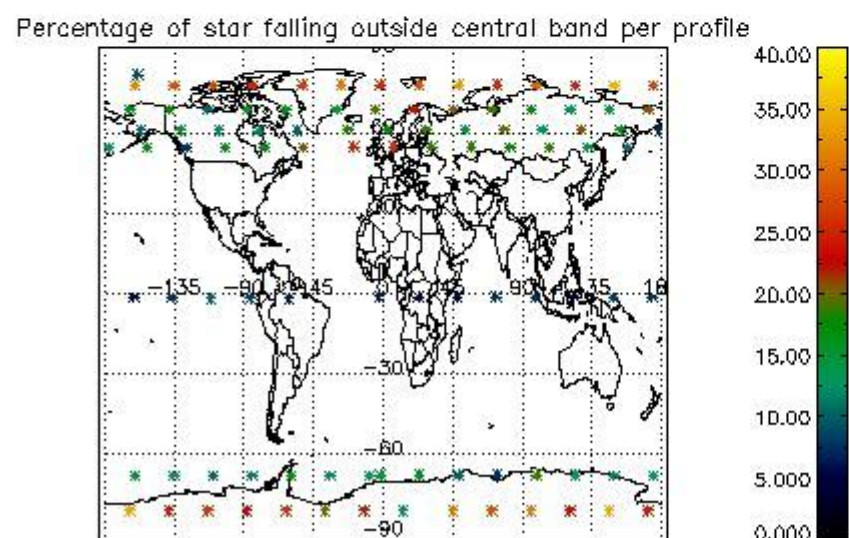
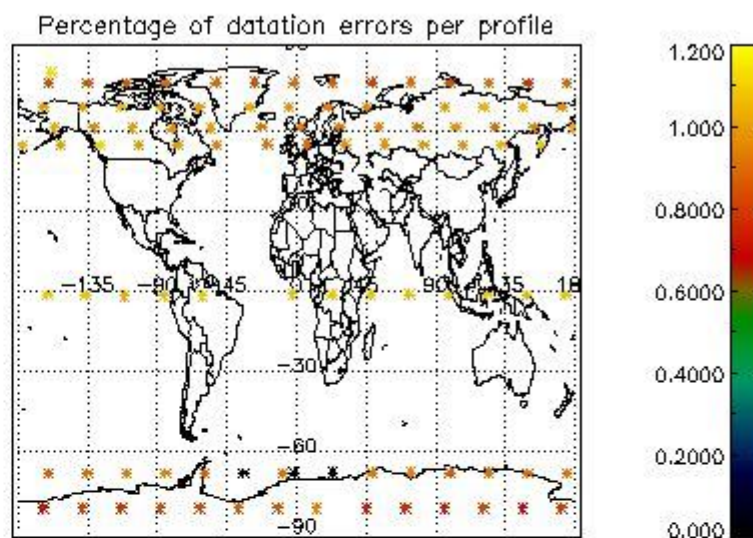
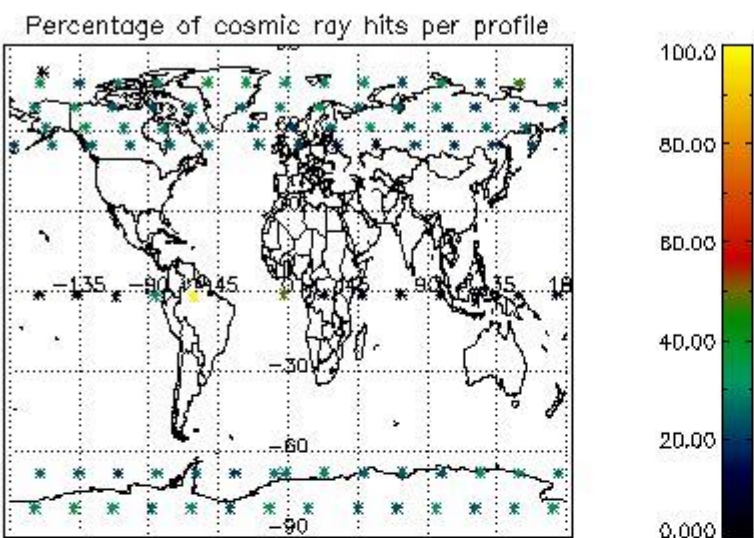


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

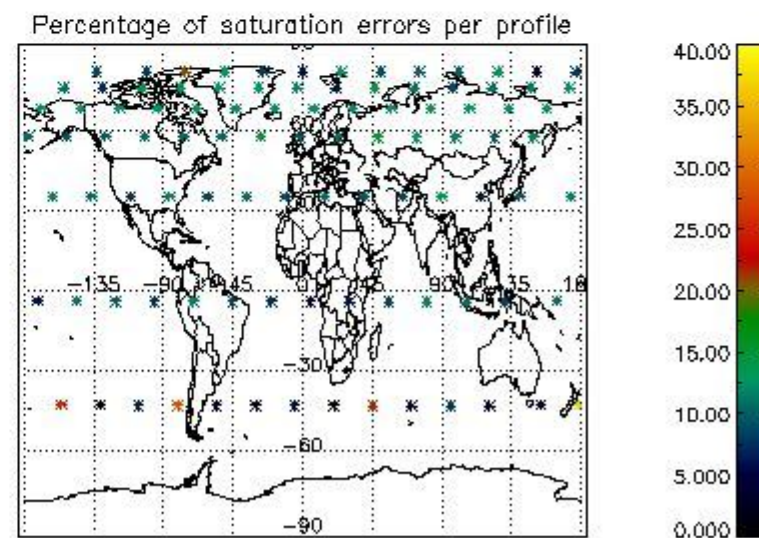
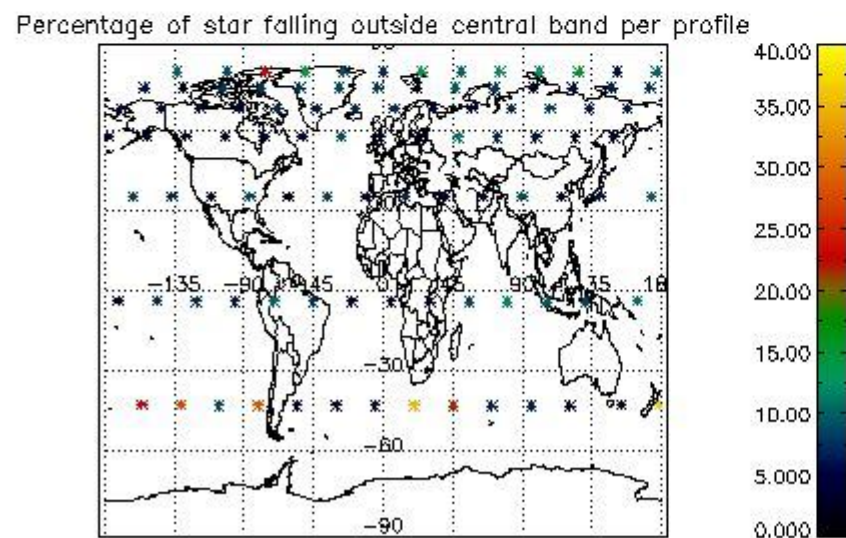
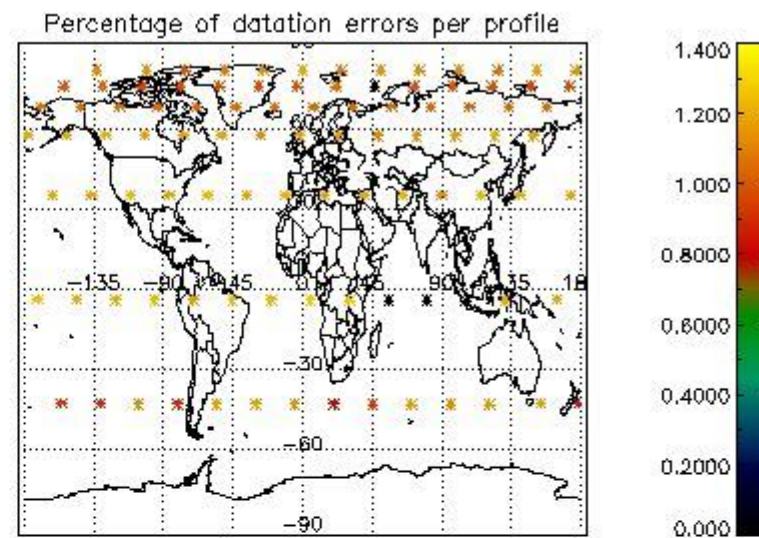
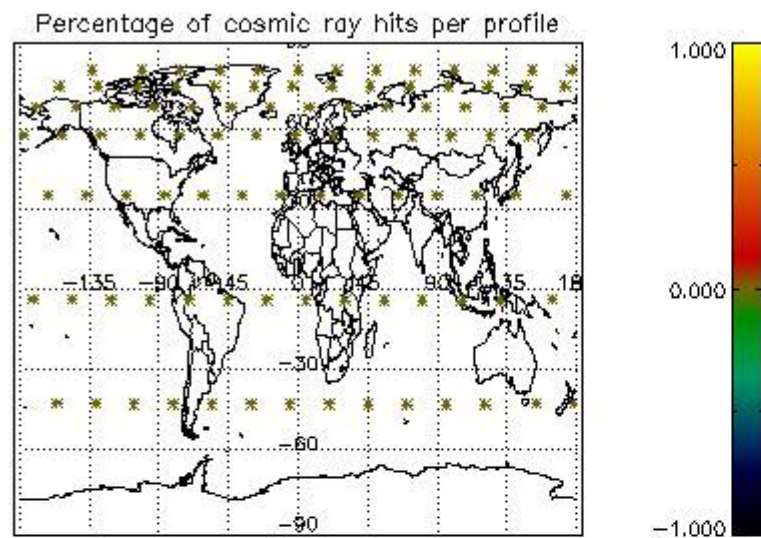


4.2 Plot quality information per product coming from level 1b processing (world map)

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

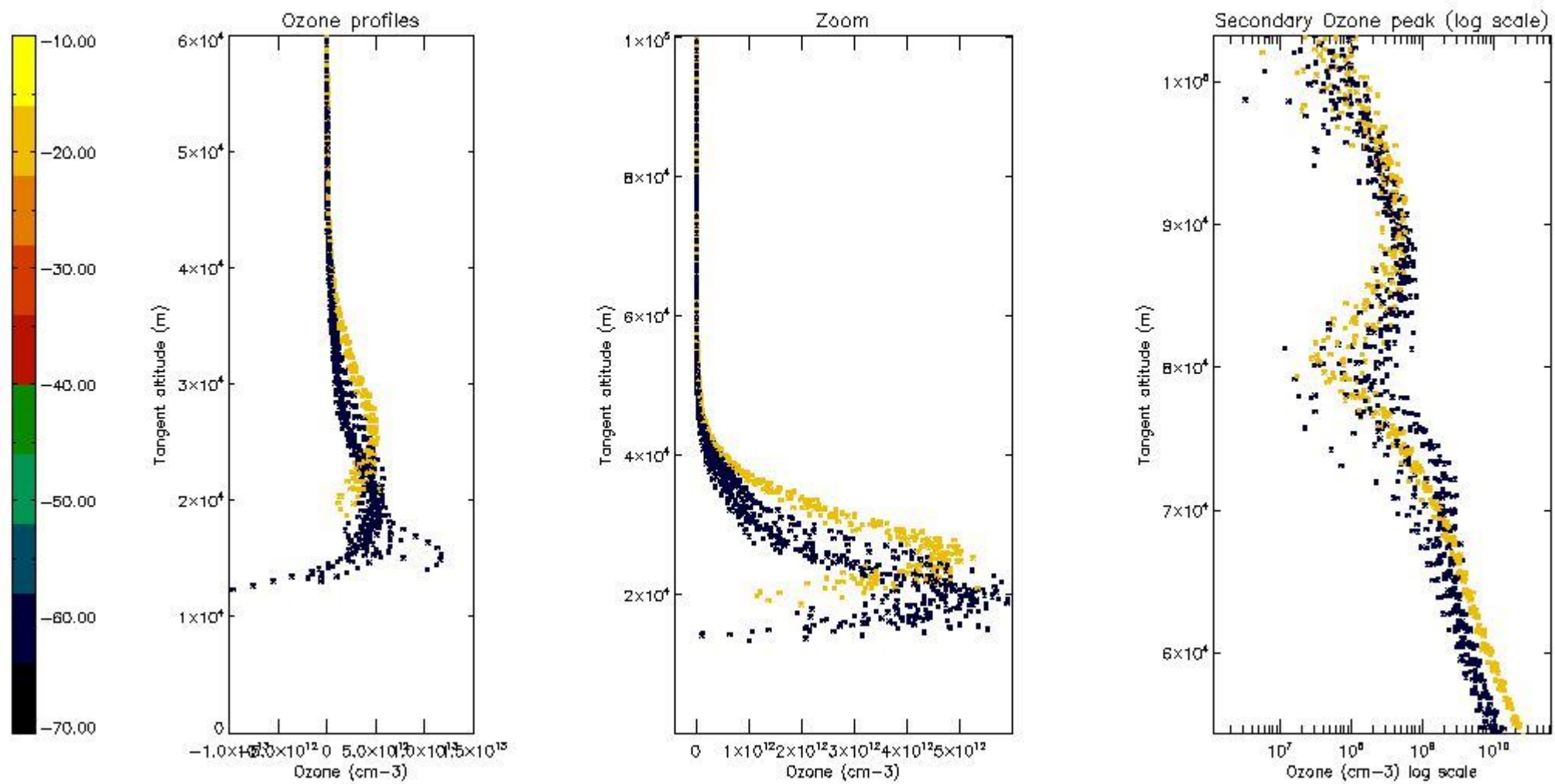
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	15
STD < 20	8

STD < 10	7
STD < 5	2

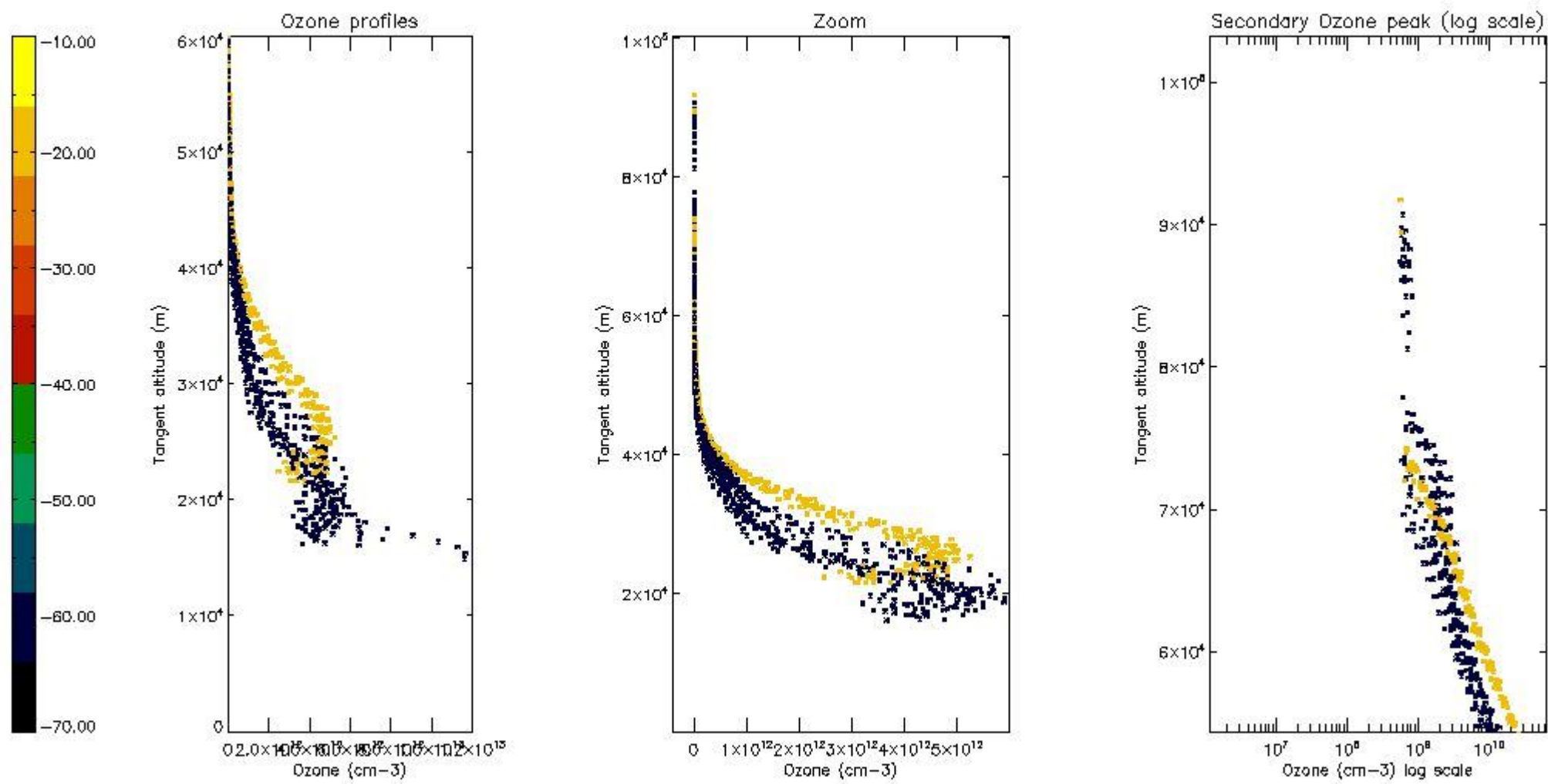
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



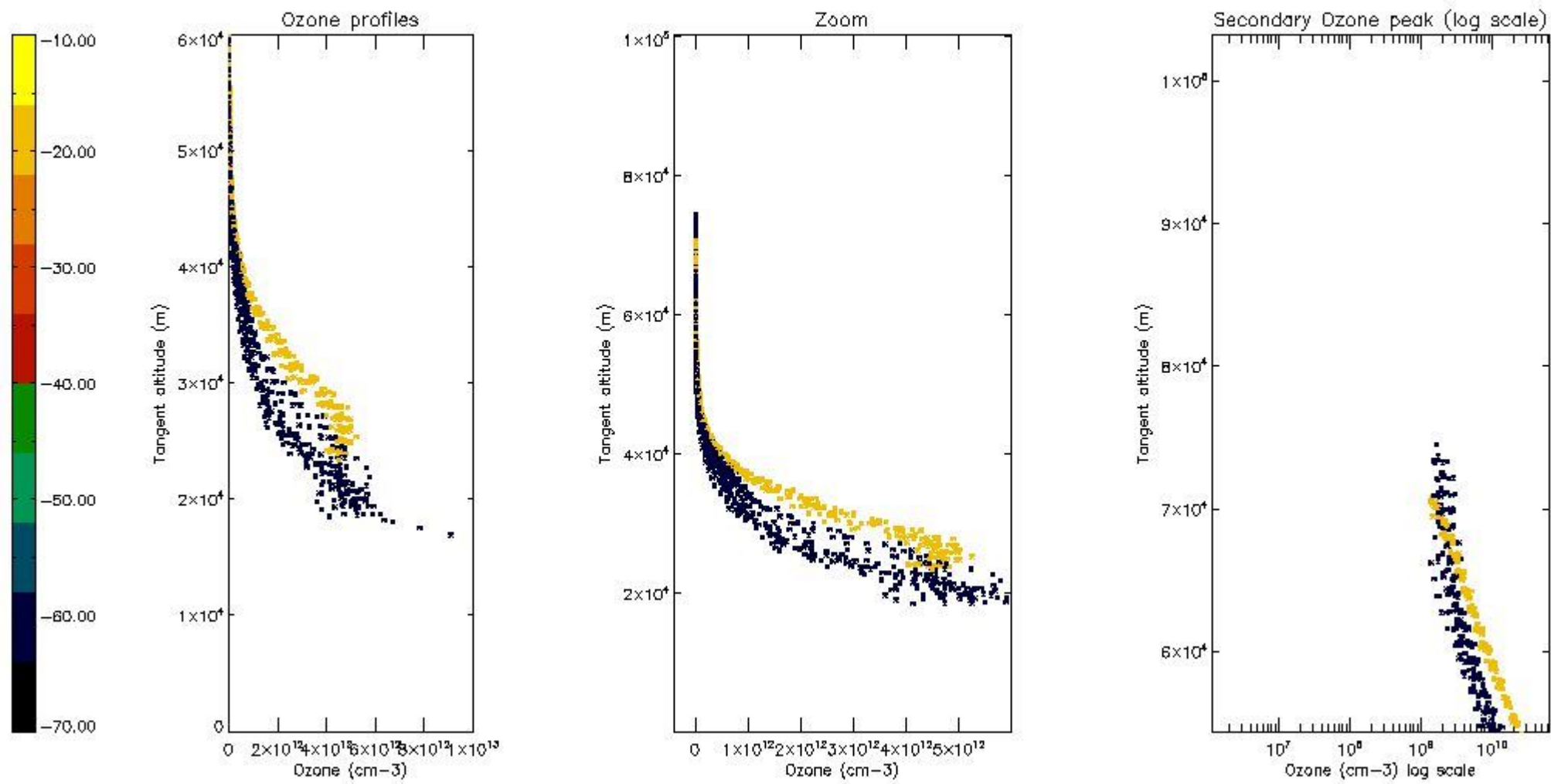
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



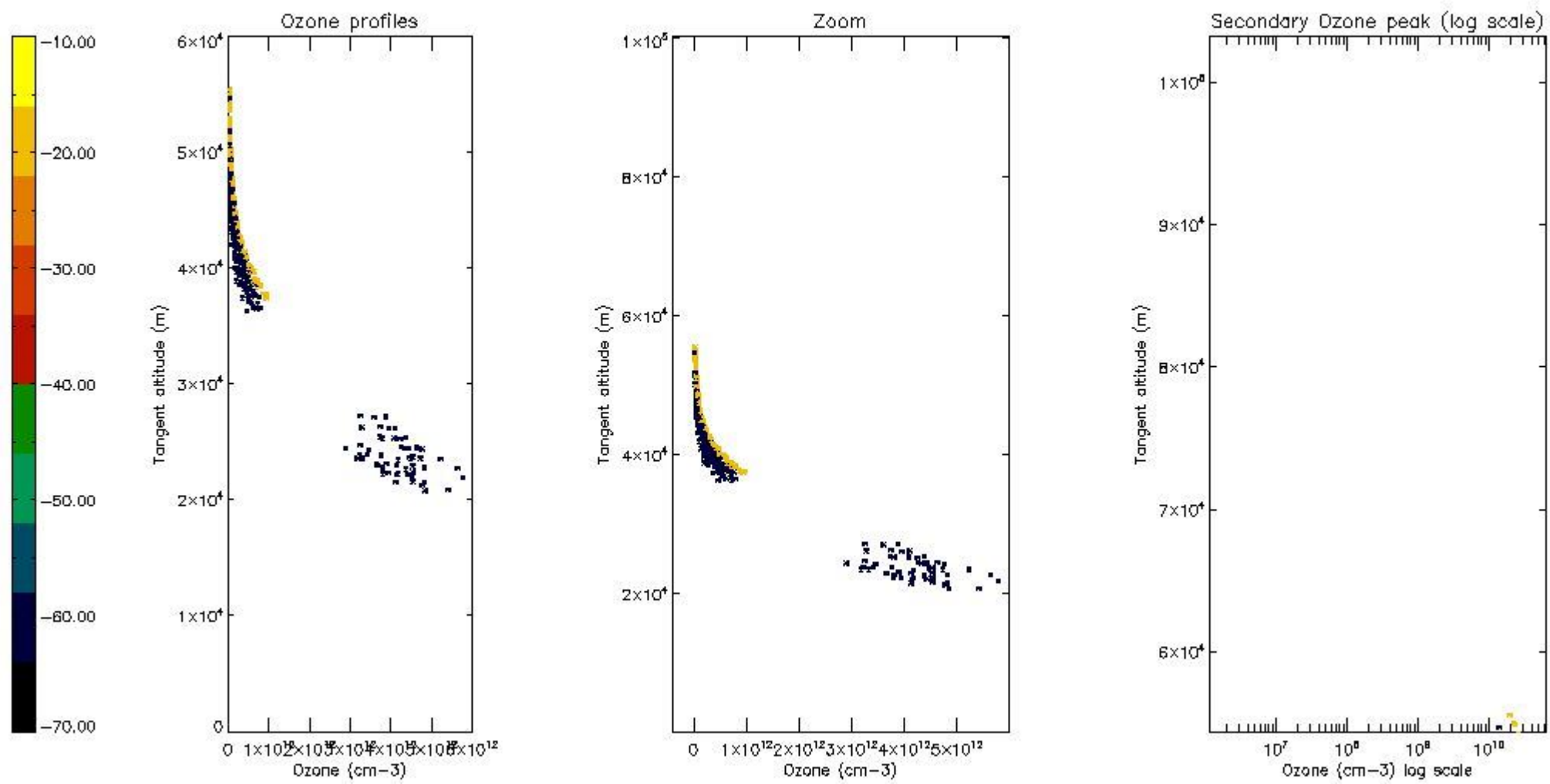
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



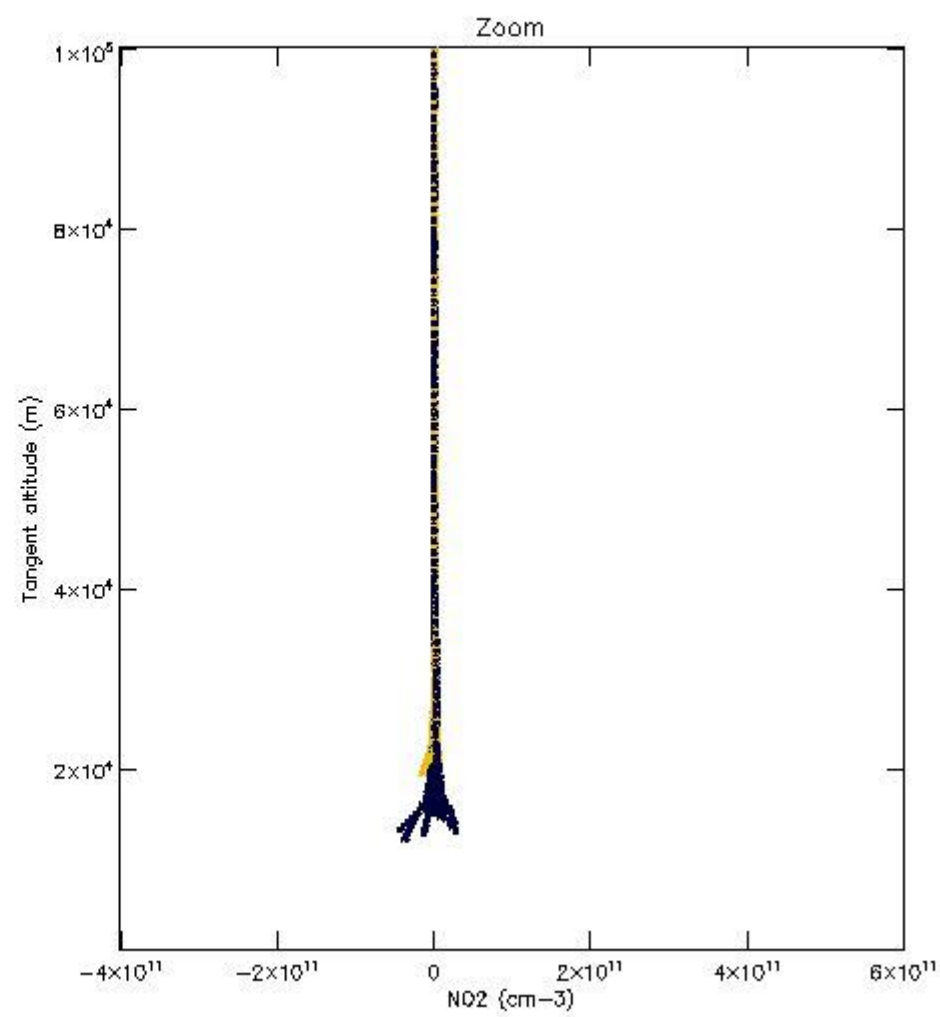
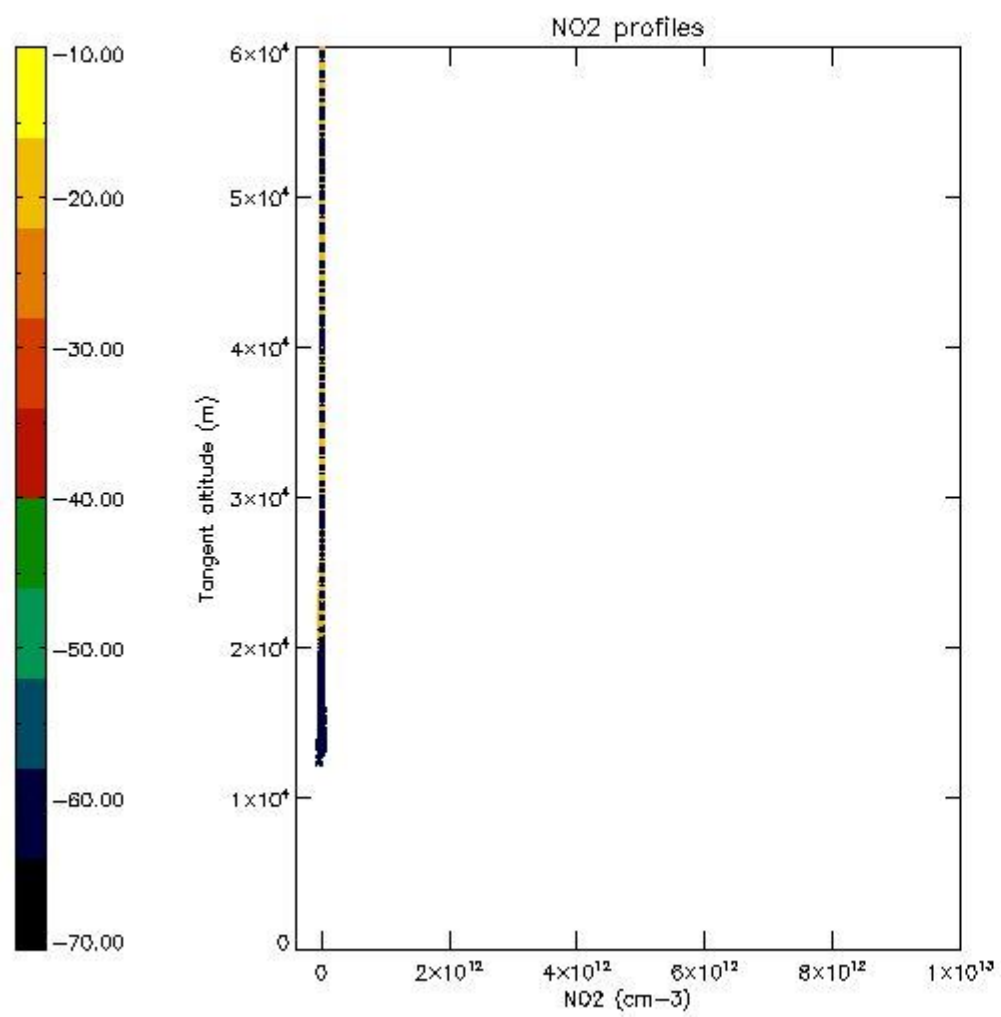
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



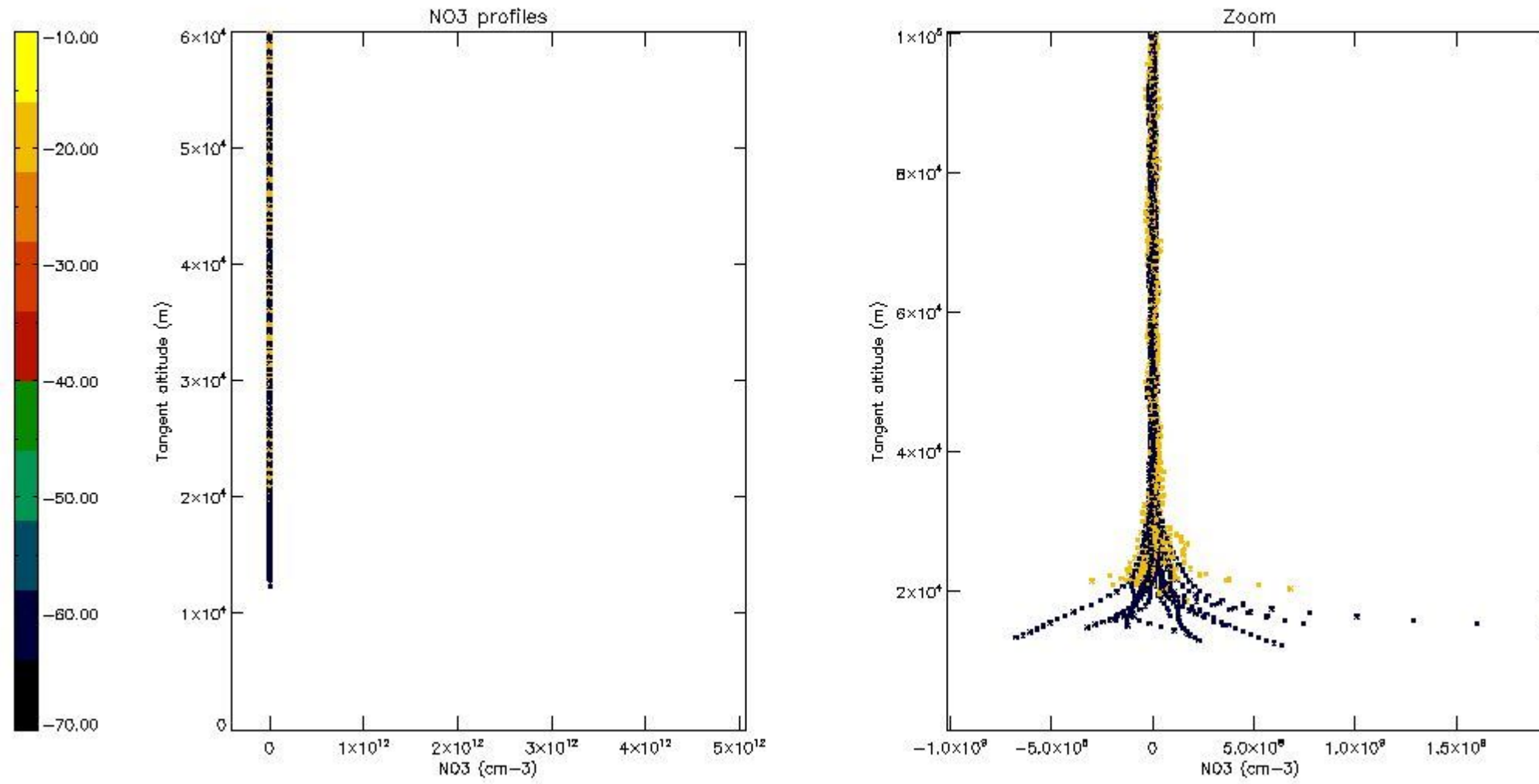
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

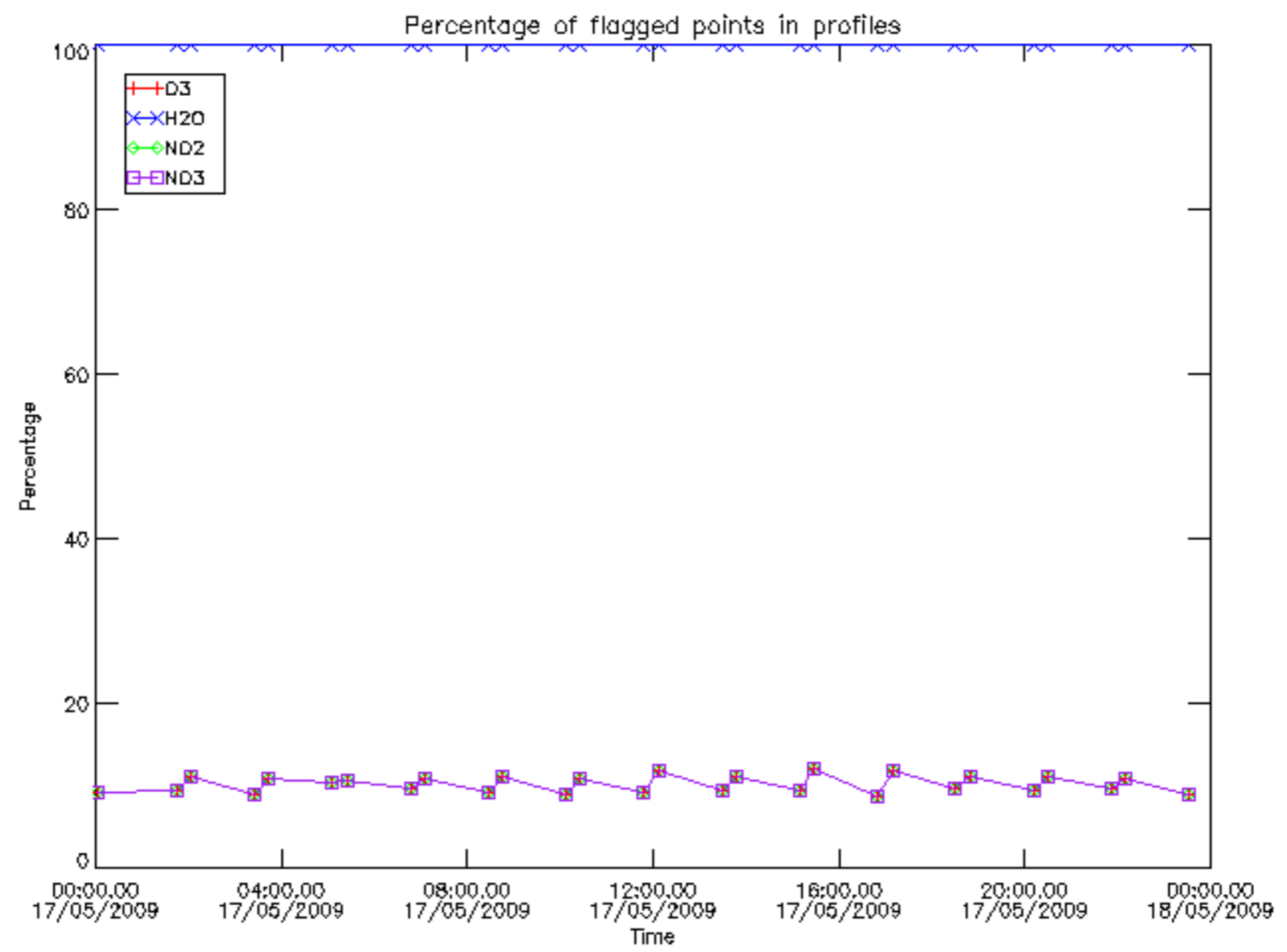
The colorbar represents the latitude.



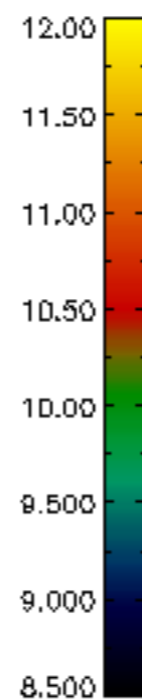
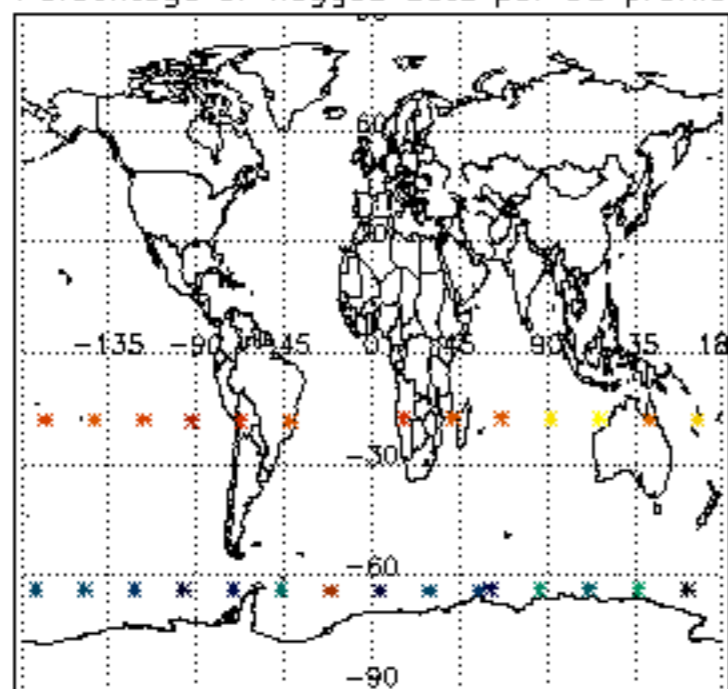
6. Auxiliary Data Files used for the production reported in section 2

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.

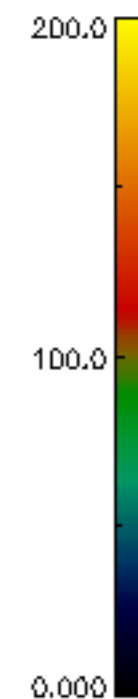
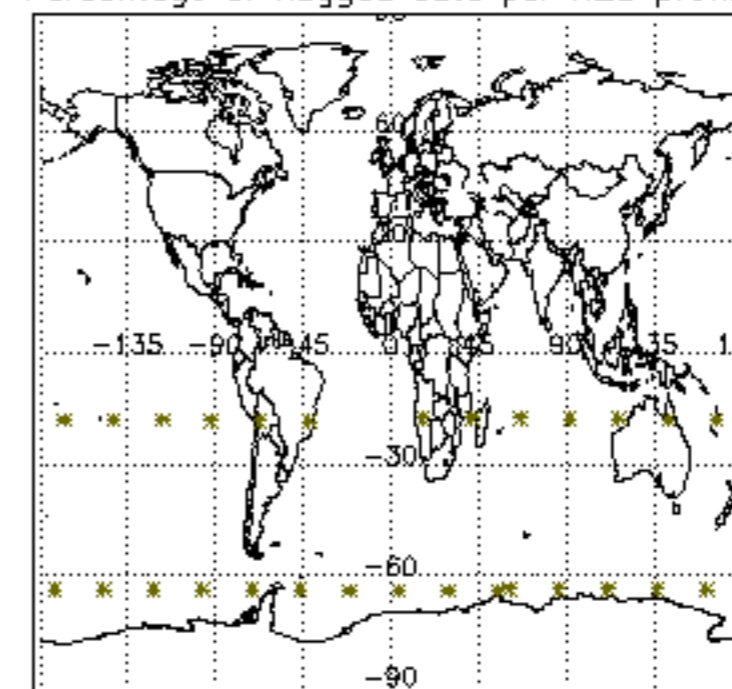
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	17-MAY-2009 00:03:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-MAY-2009 00:03:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-MAY-2009 00:03:45



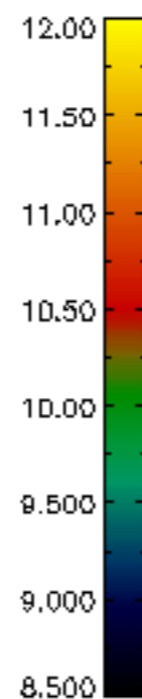
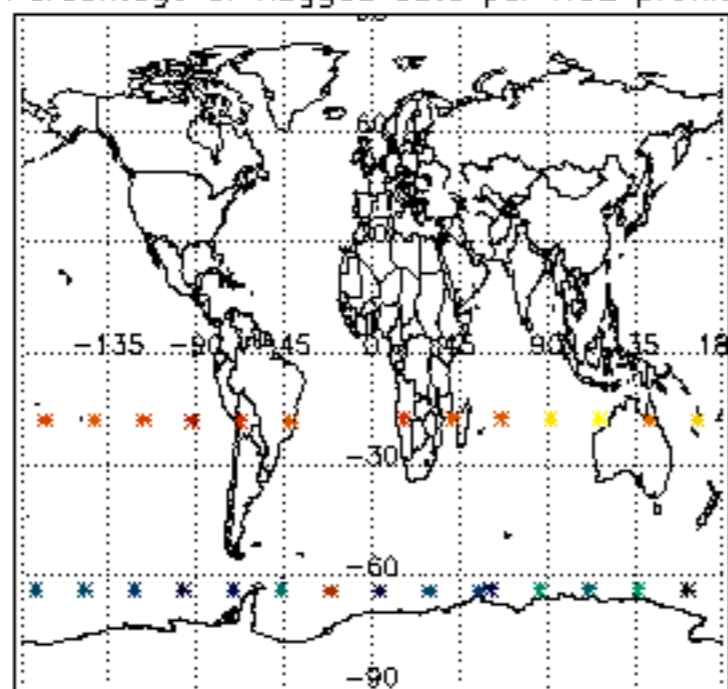
Percentage of flagged data per D3 profile



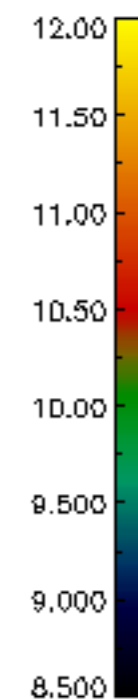
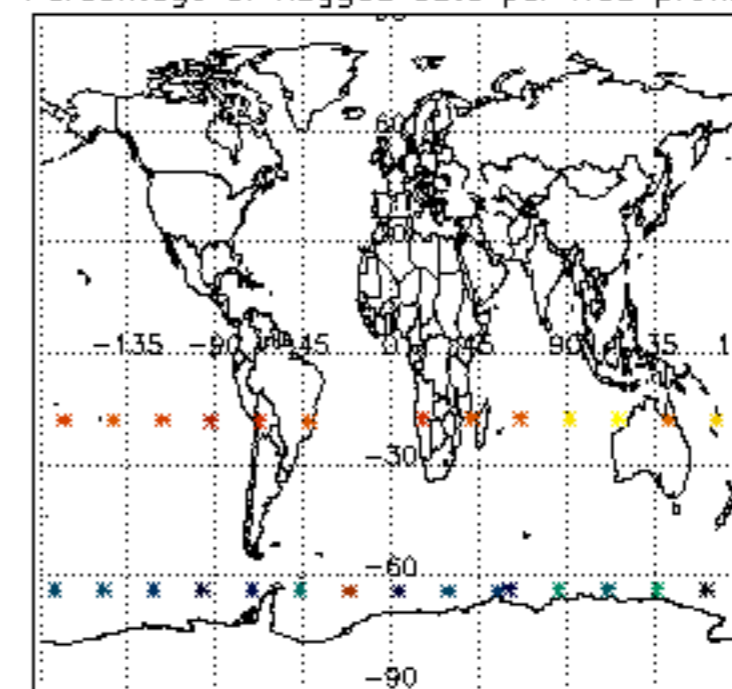
Percentage of flagged data per H2O profile

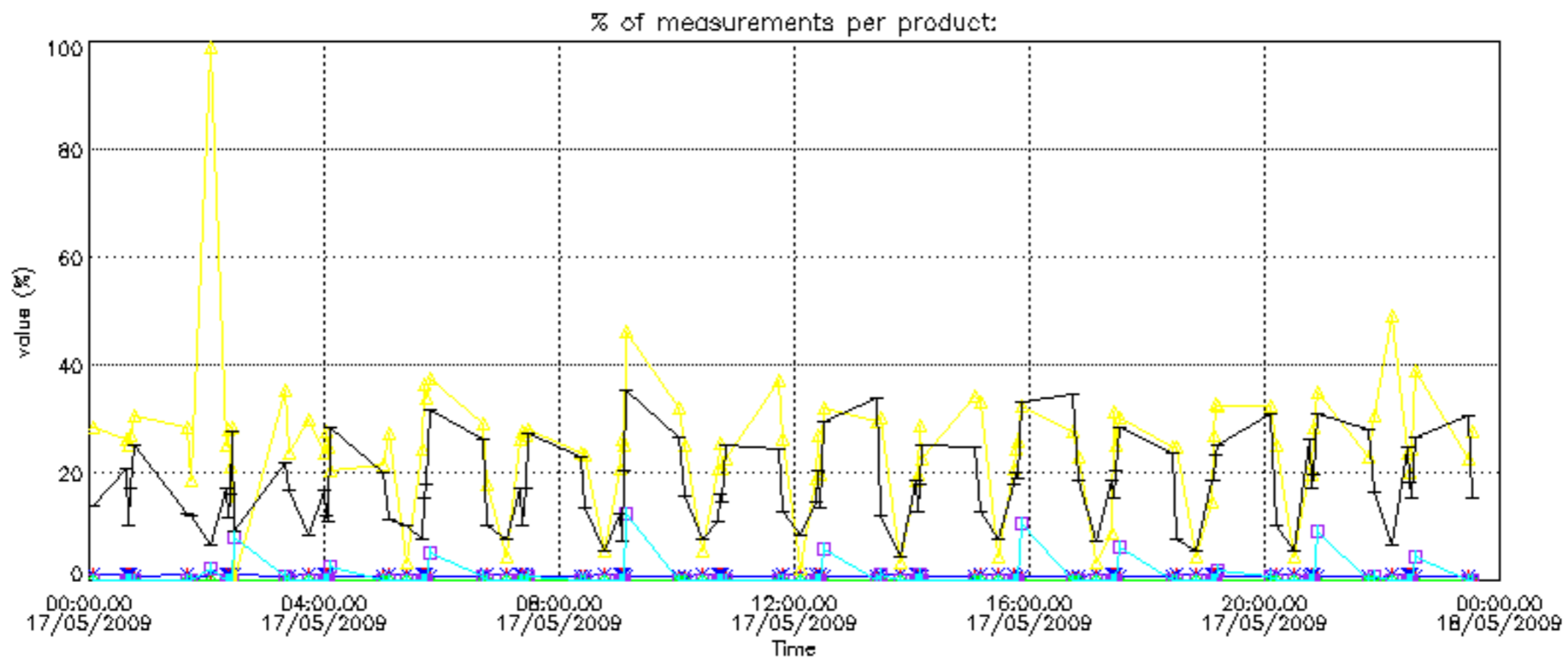


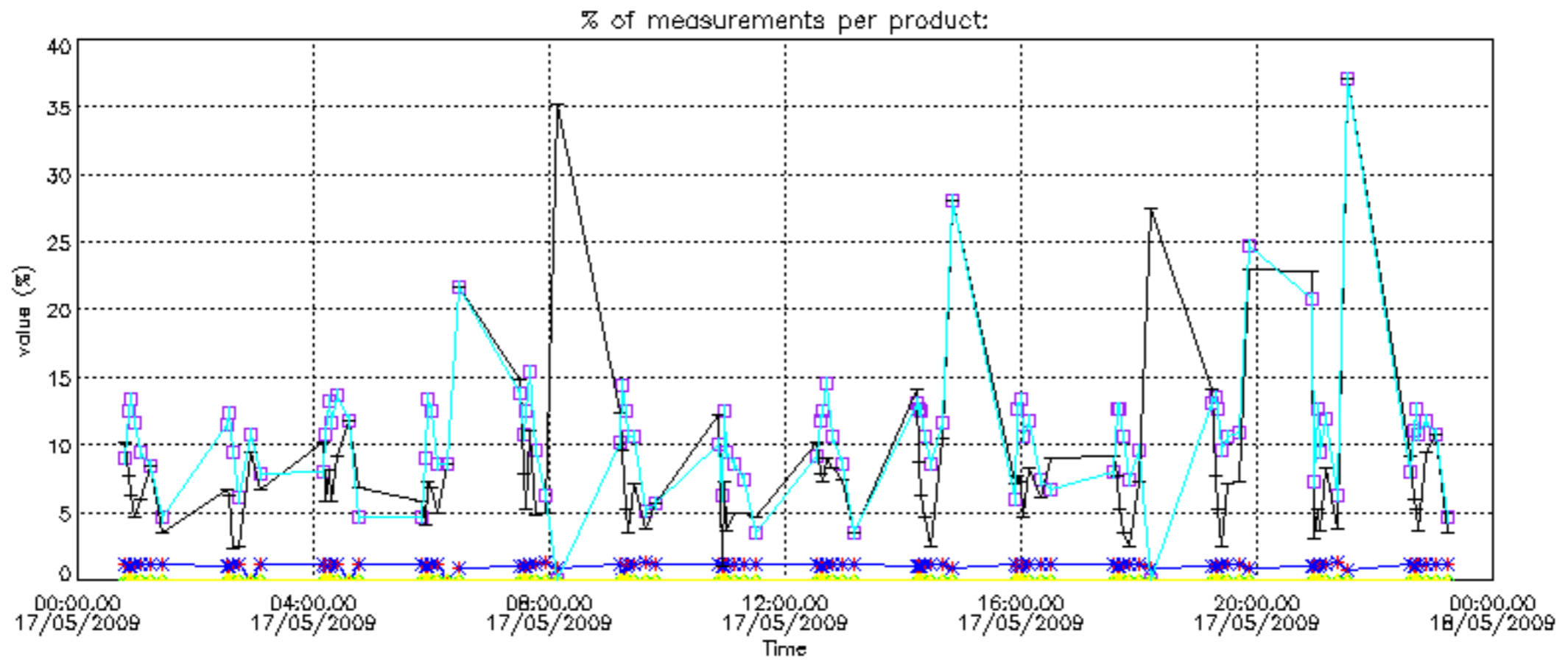
Percentage of flagged data per NO2 profile



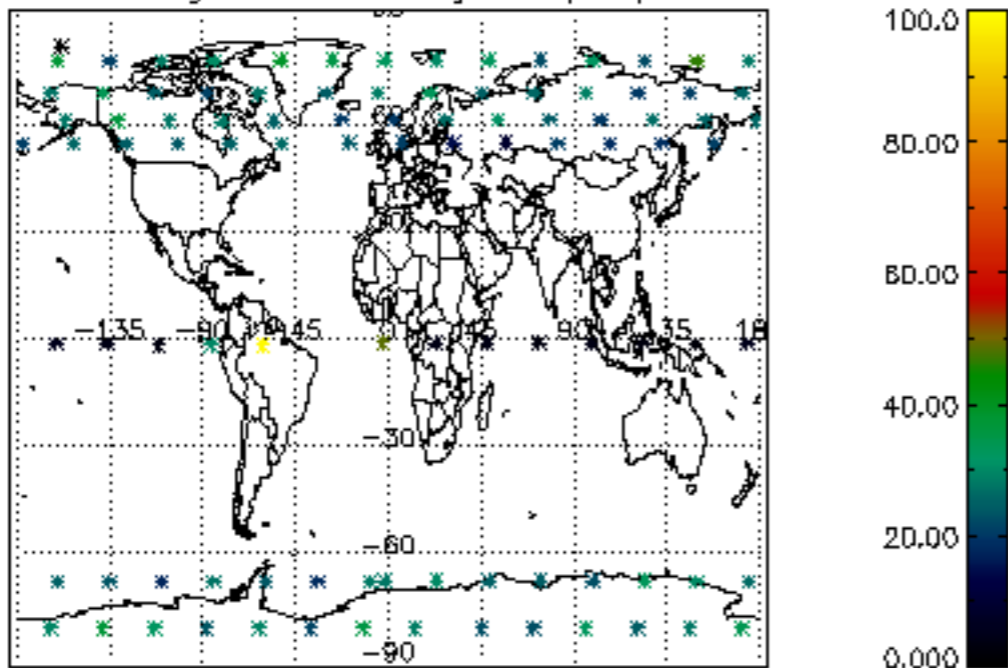
Percentage of flagged data per NO3 profile



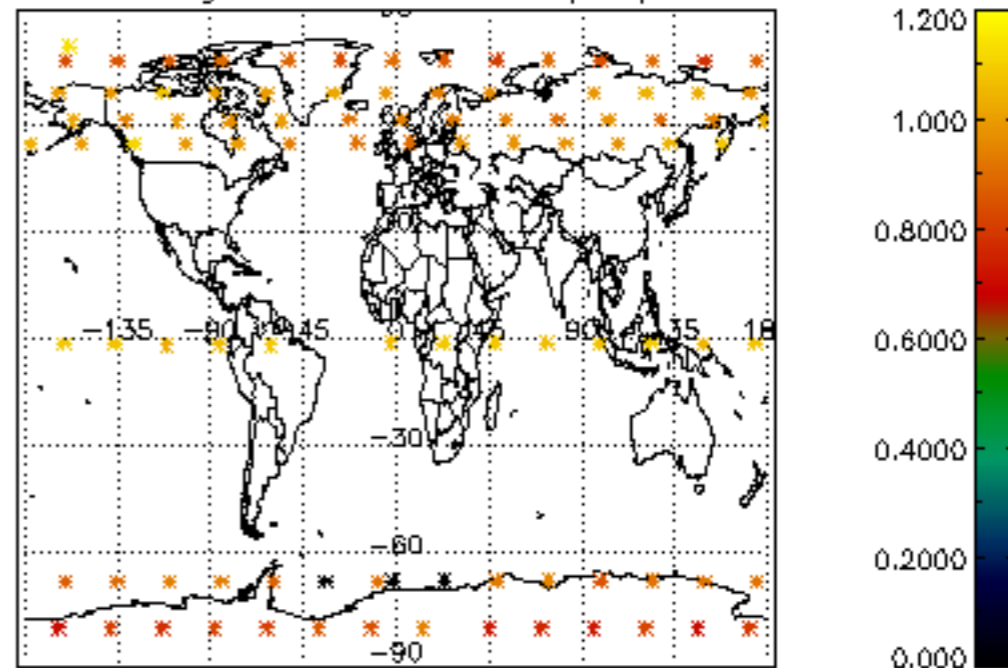




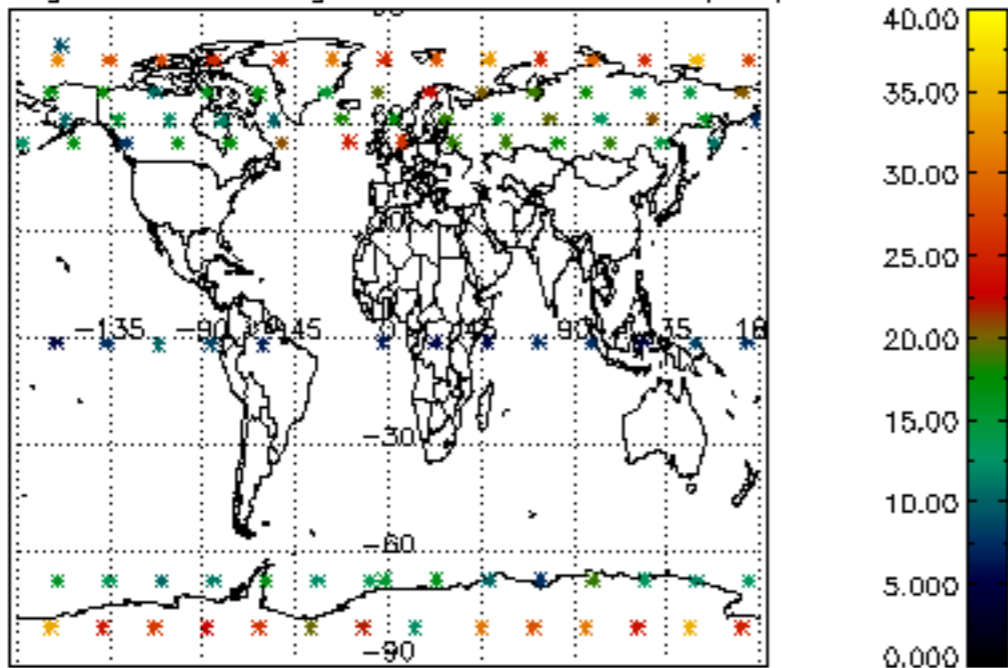
Percentage of cosmic ray hits per profile



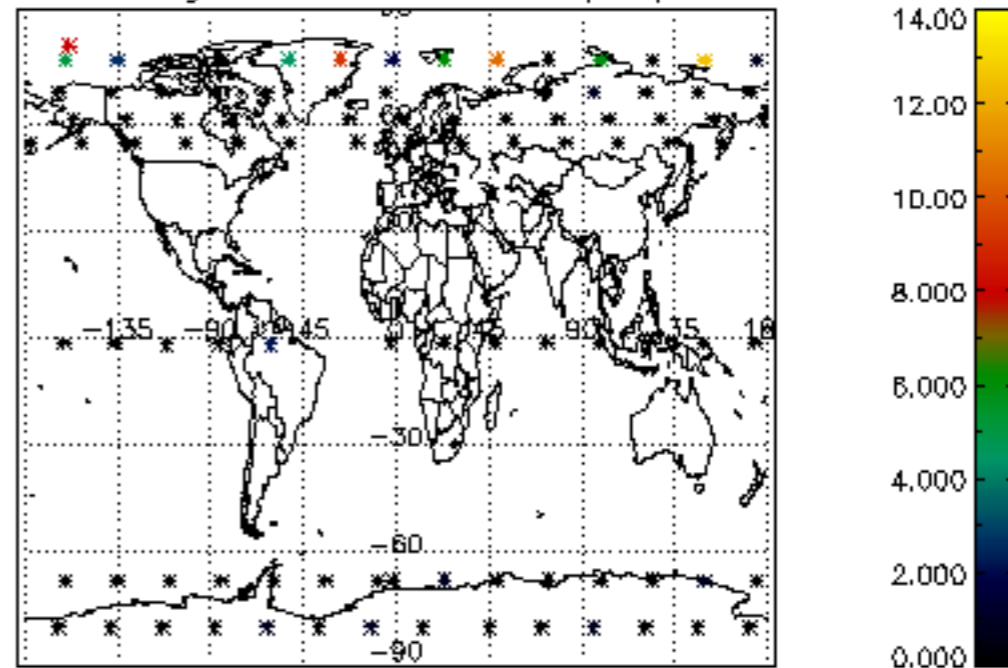
Percentage of datation errors per profile



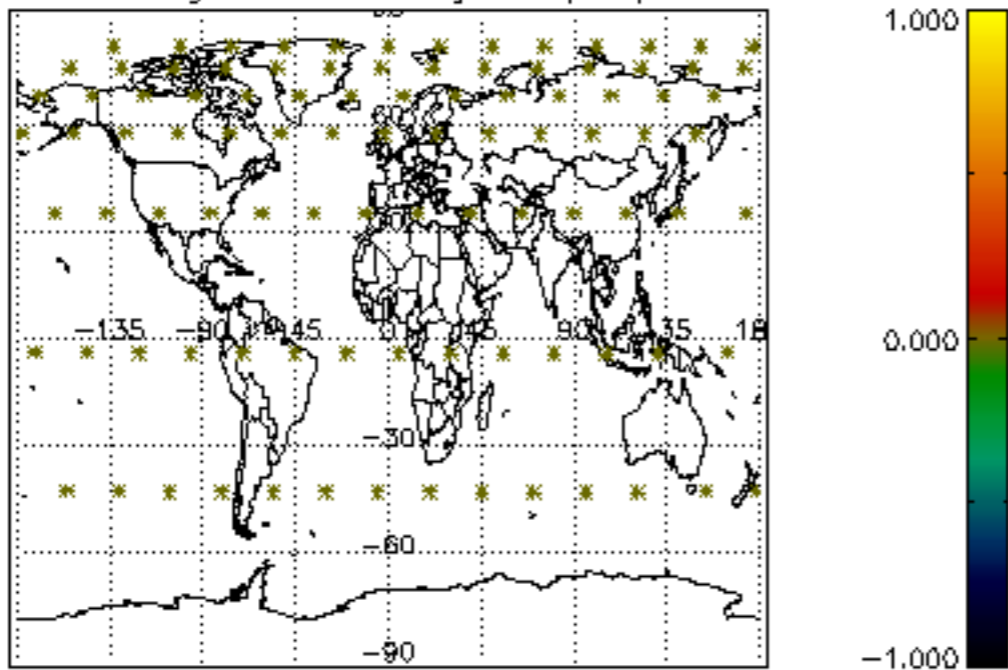
Percentage of star falling outside central band per profile



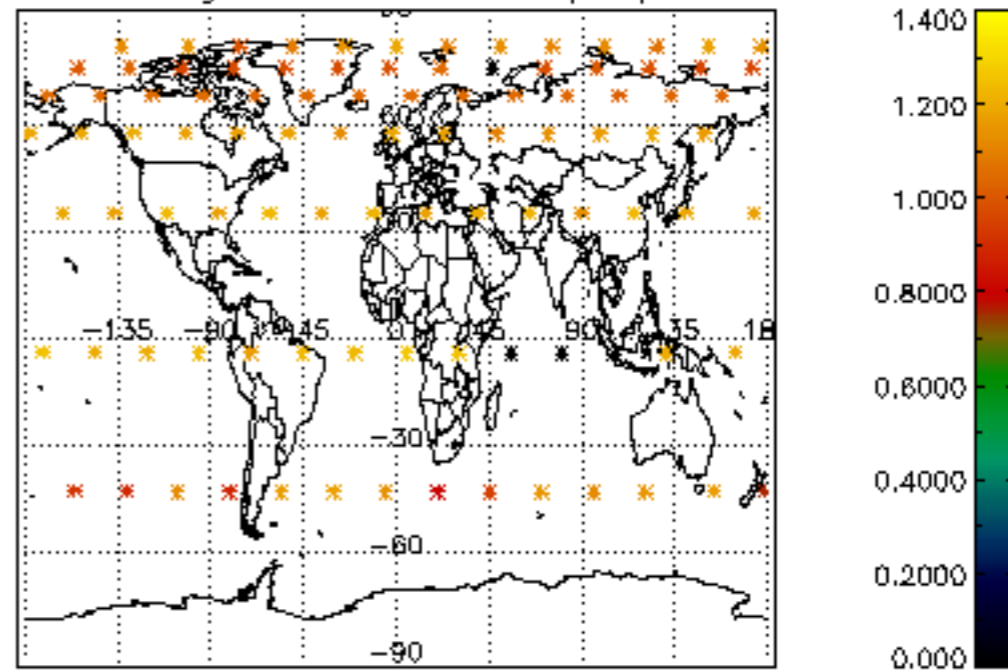
Percentage of saturation errors per profile



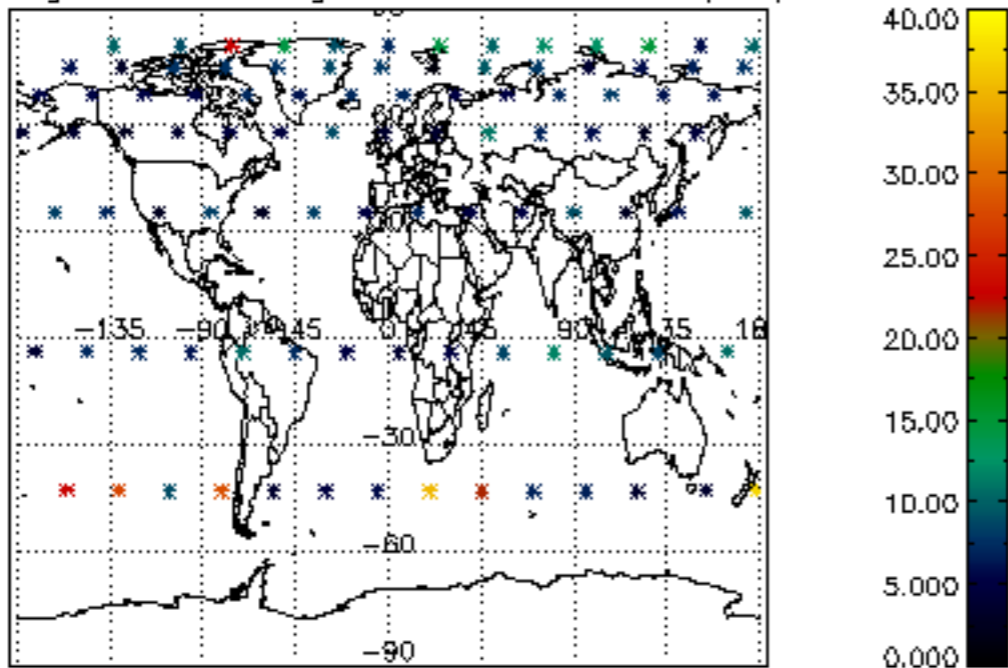
Percentage of cosmic ray hits per profile



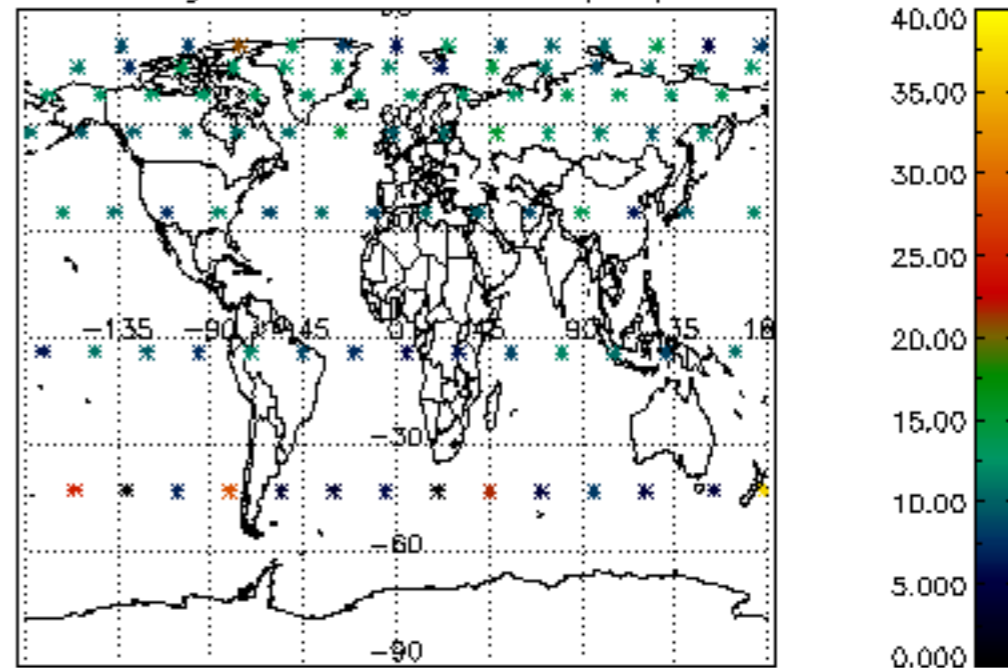
Percentage of datation errors per profile

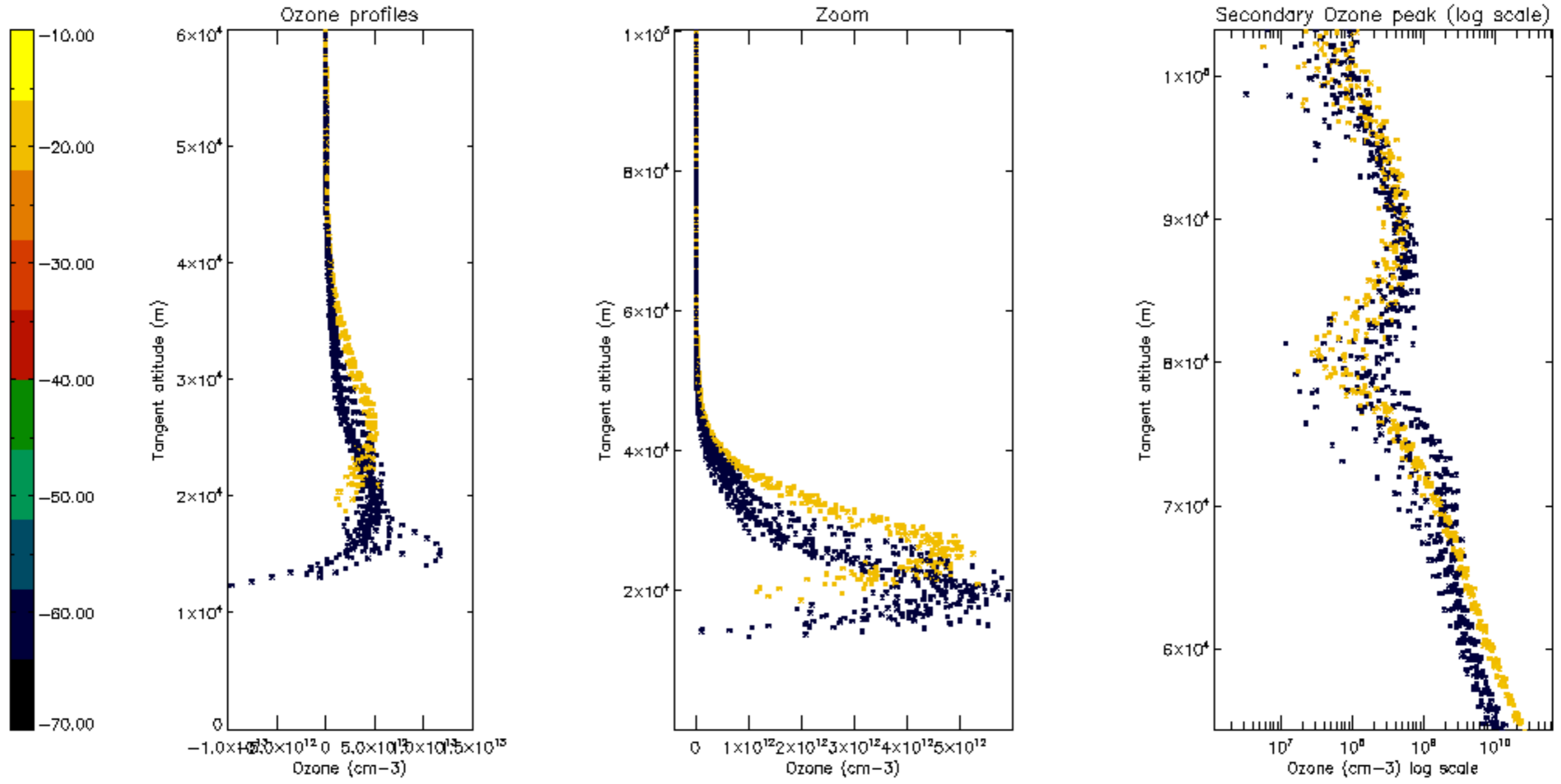


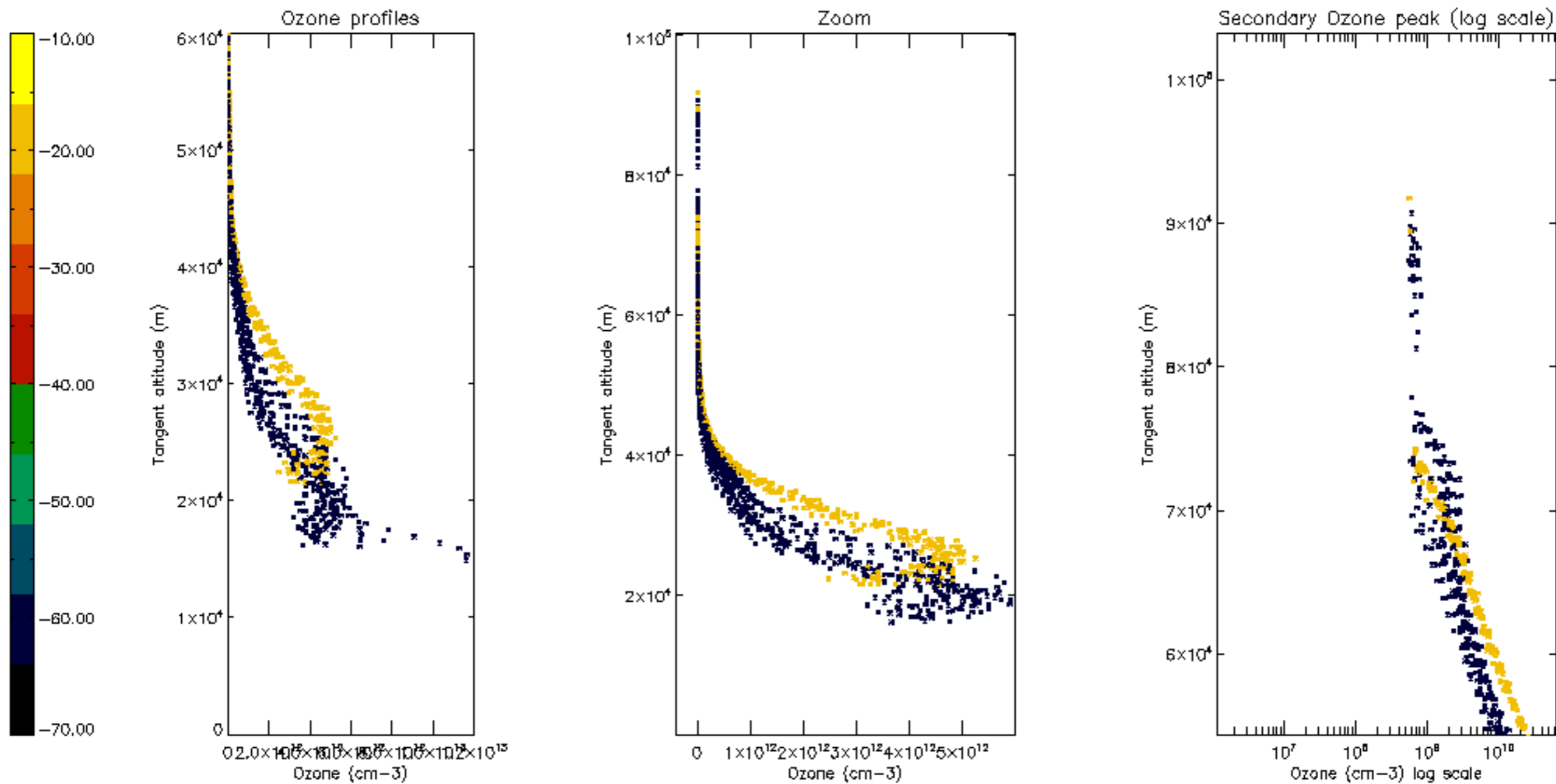
Percentage of star falling outside central band per profile

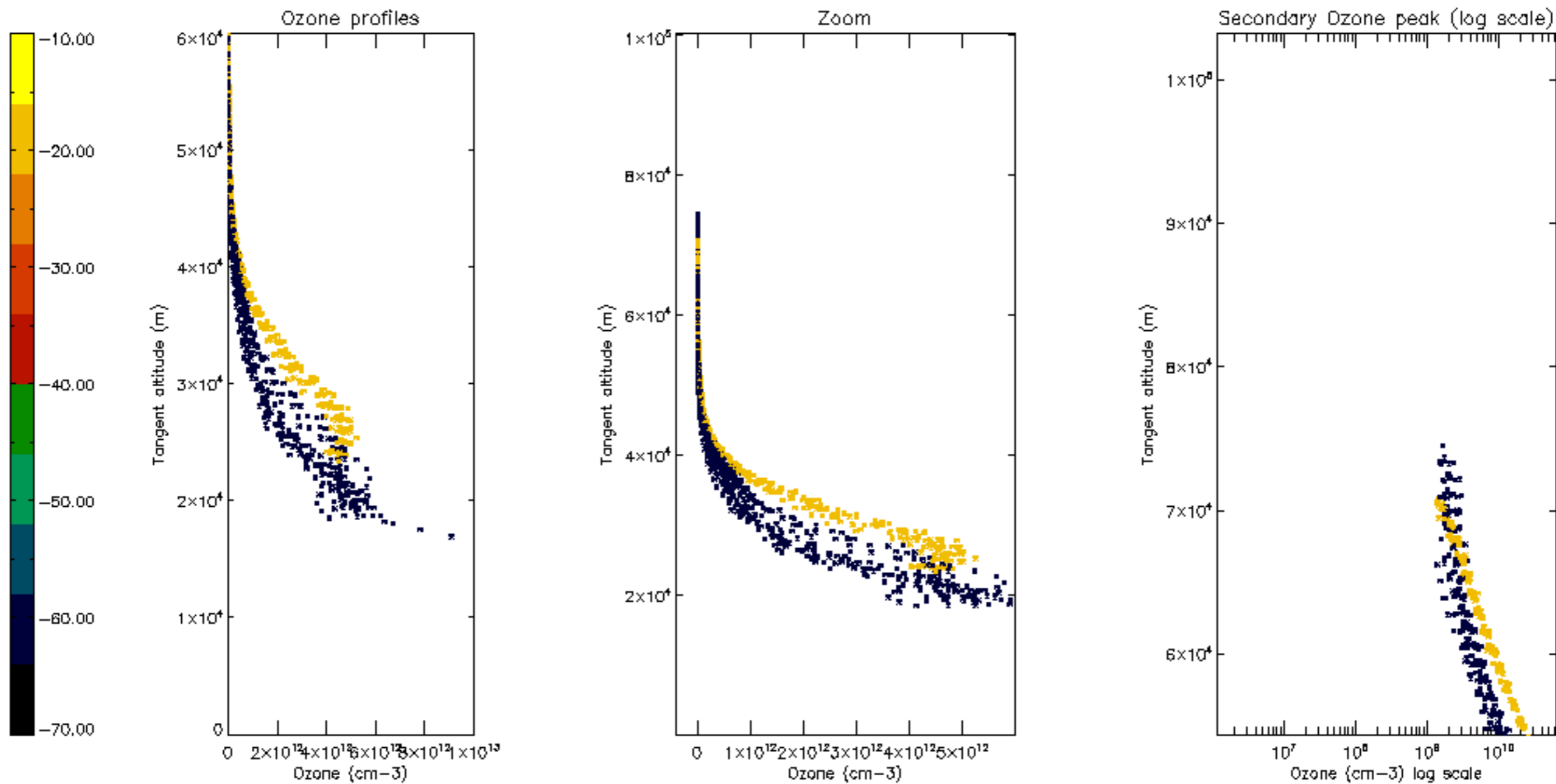


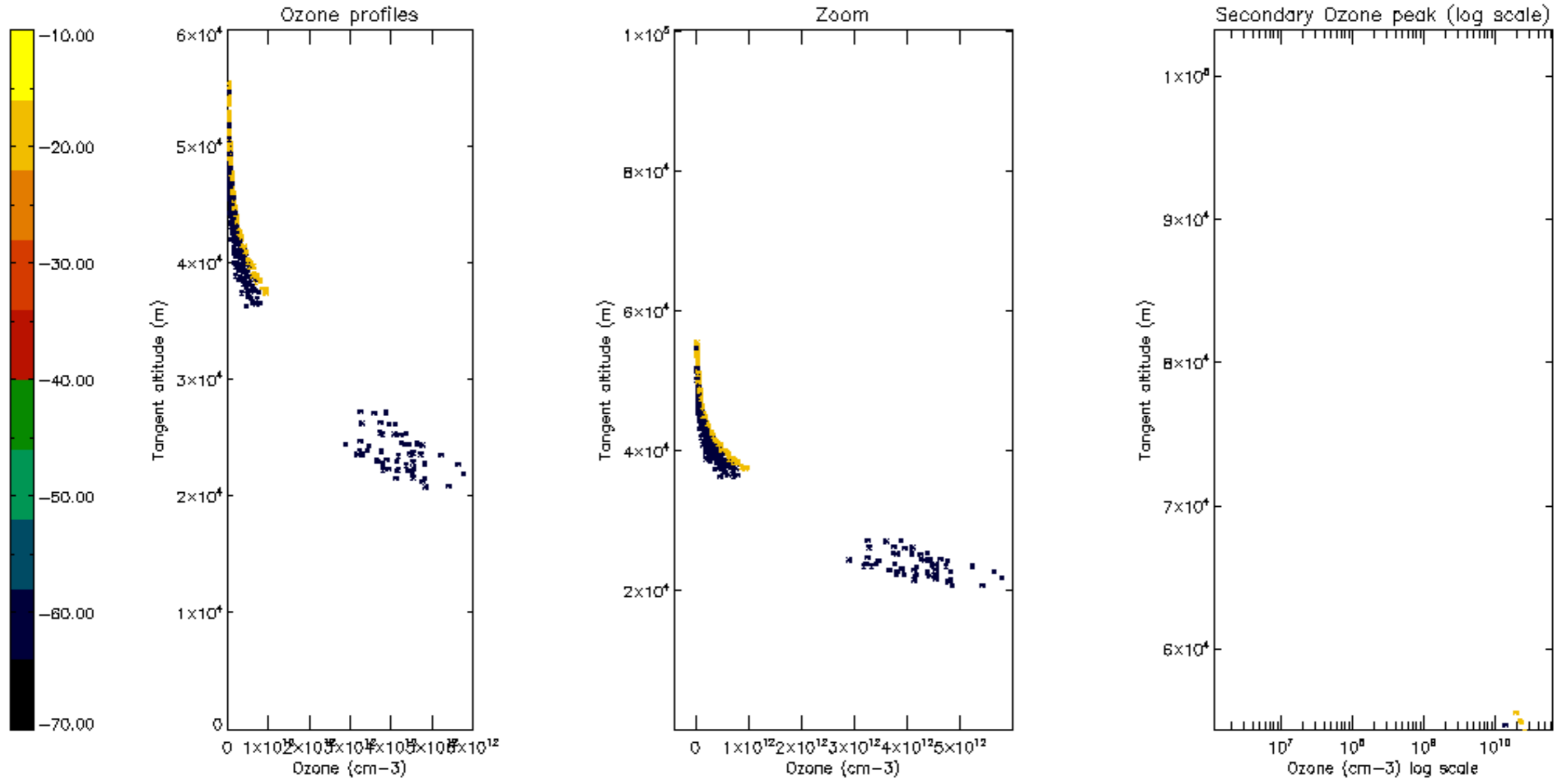
Percentage of saturation errors per profile

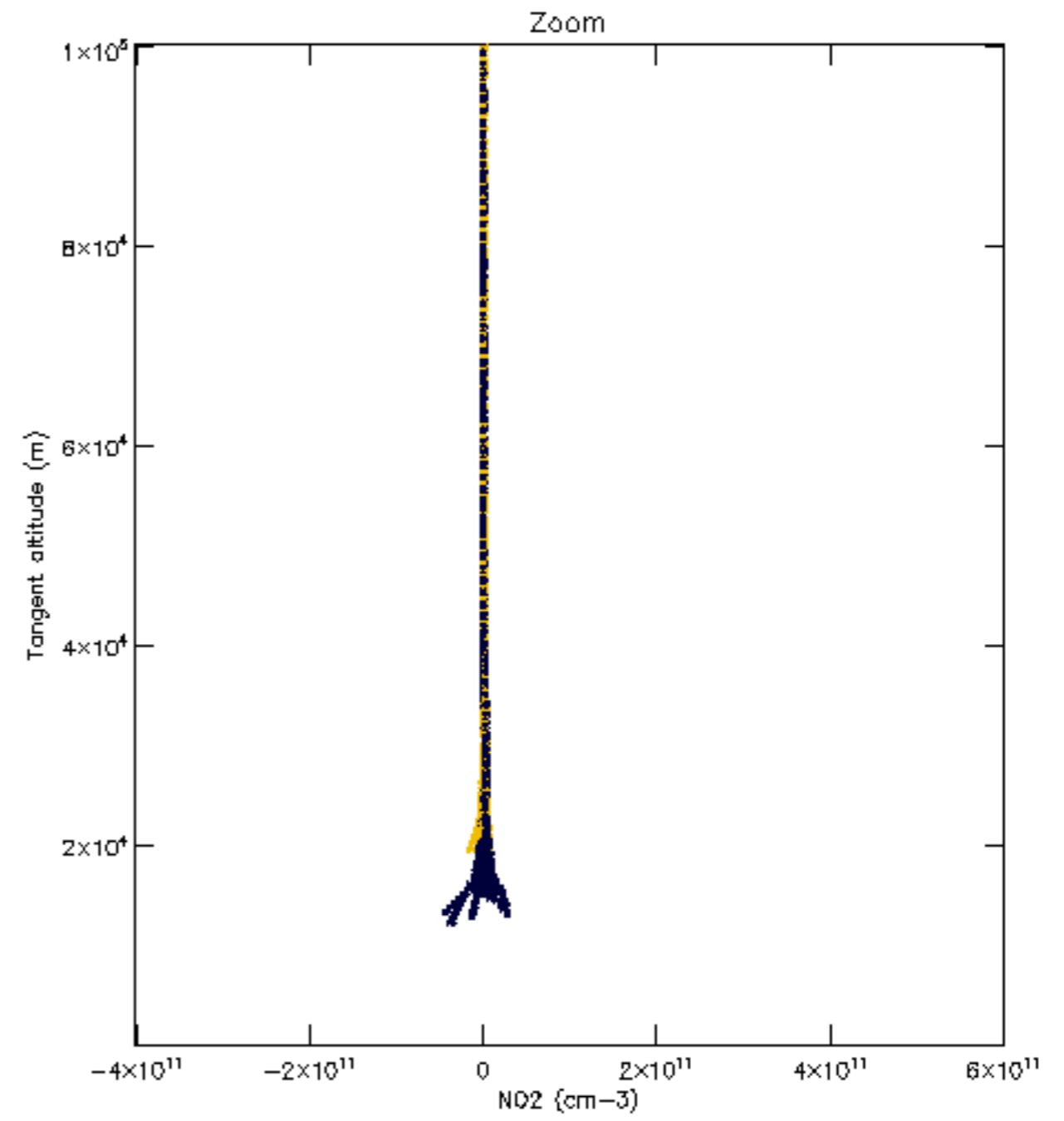
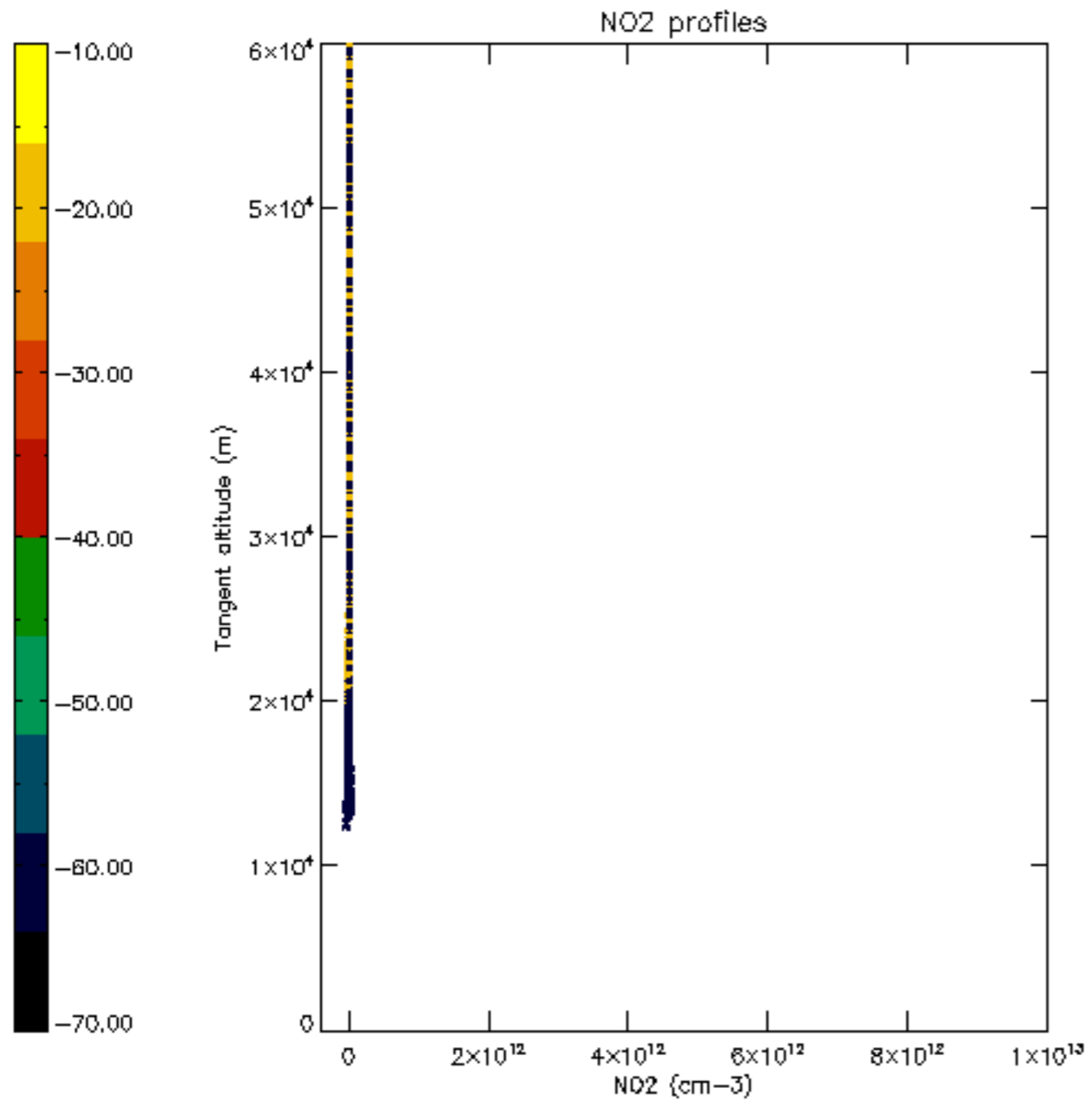


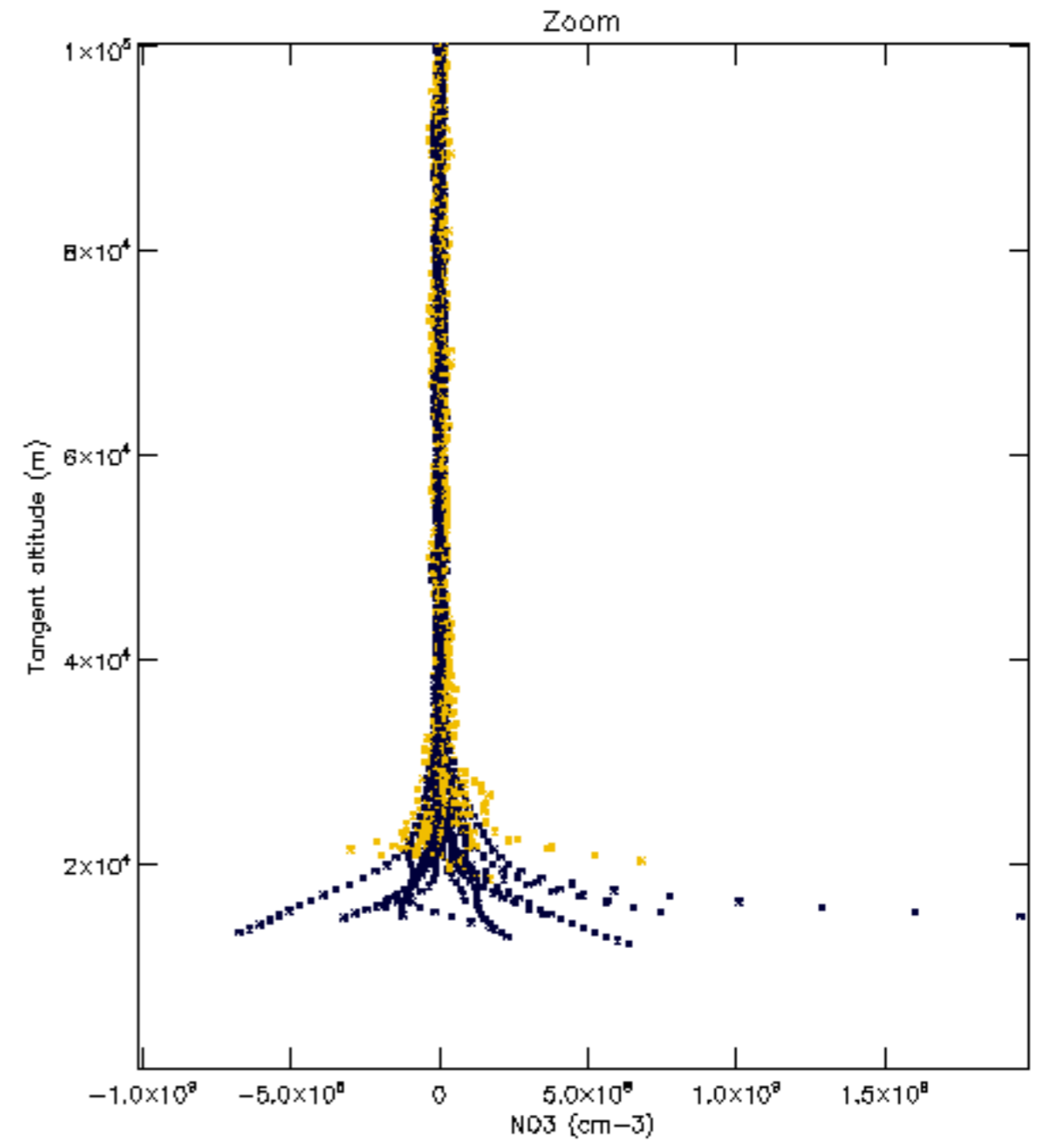
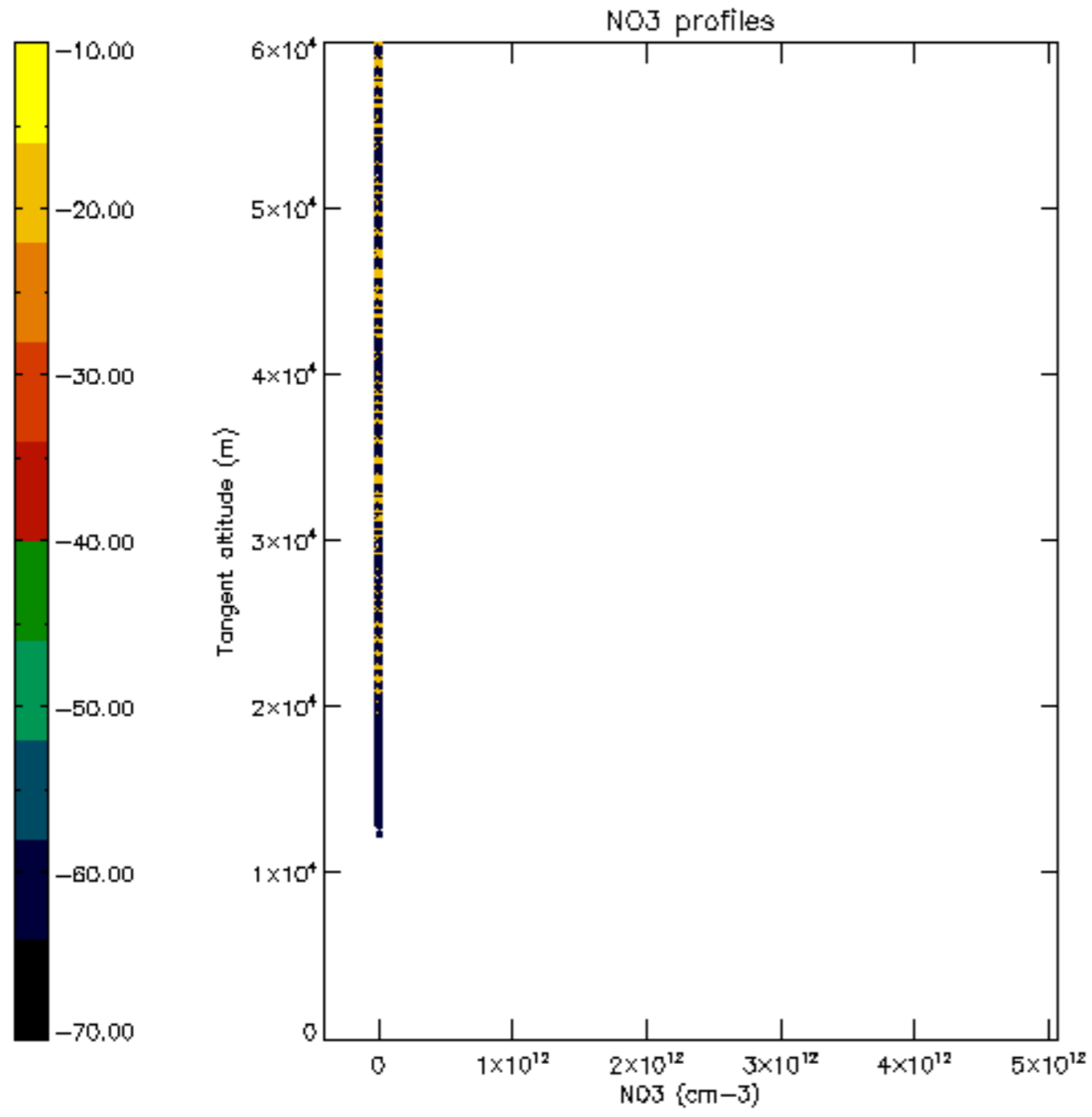


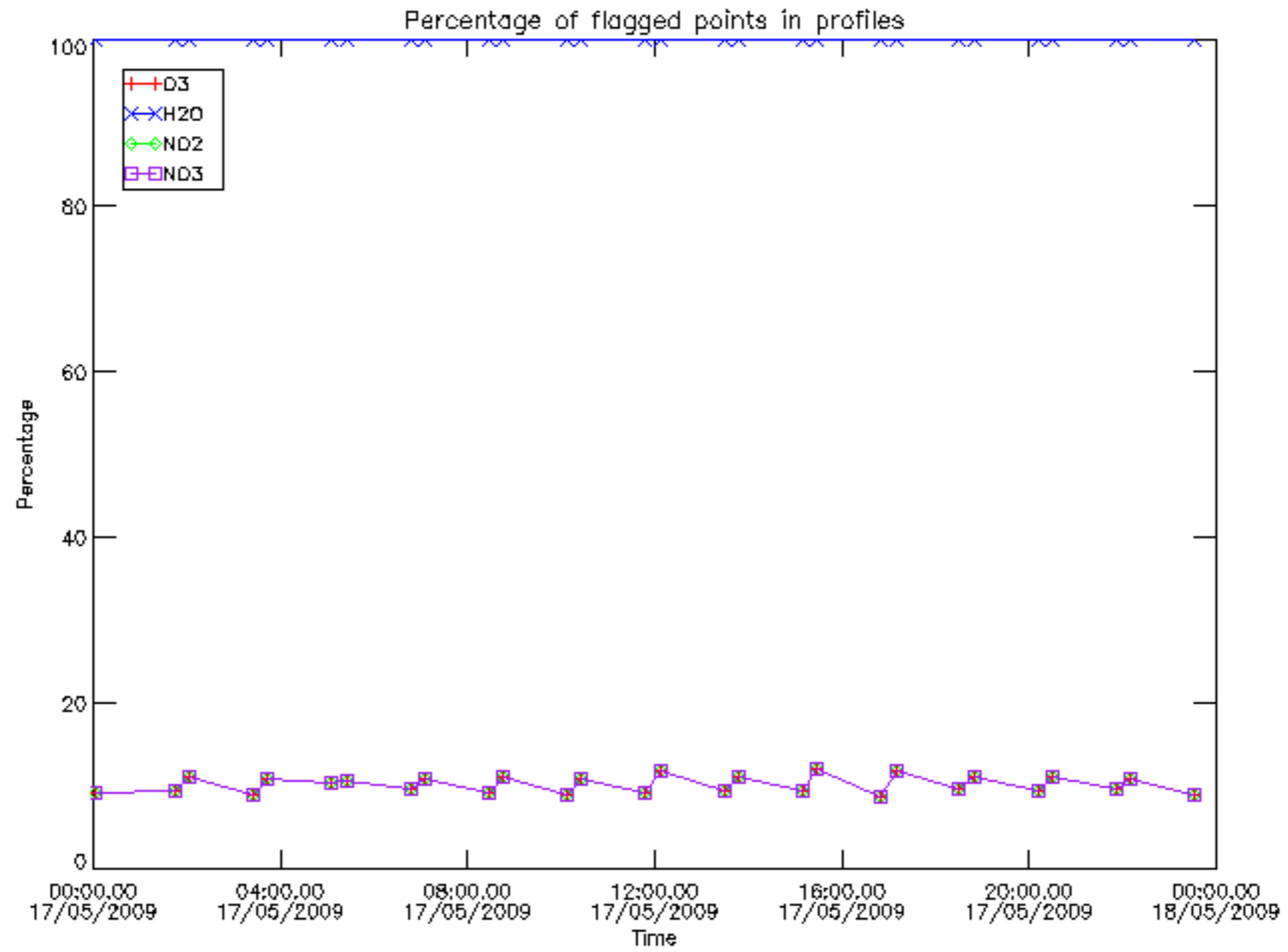




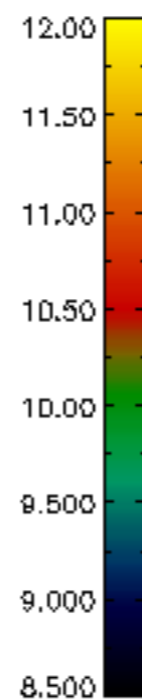
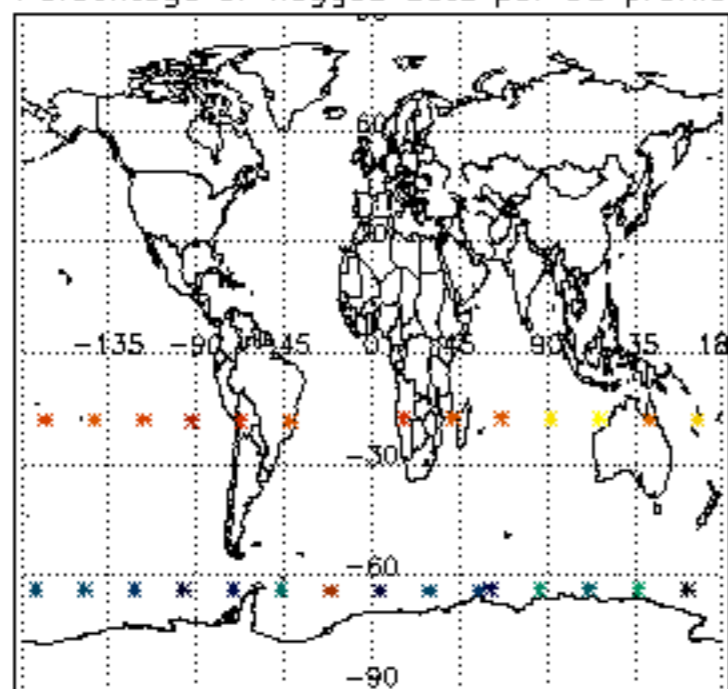




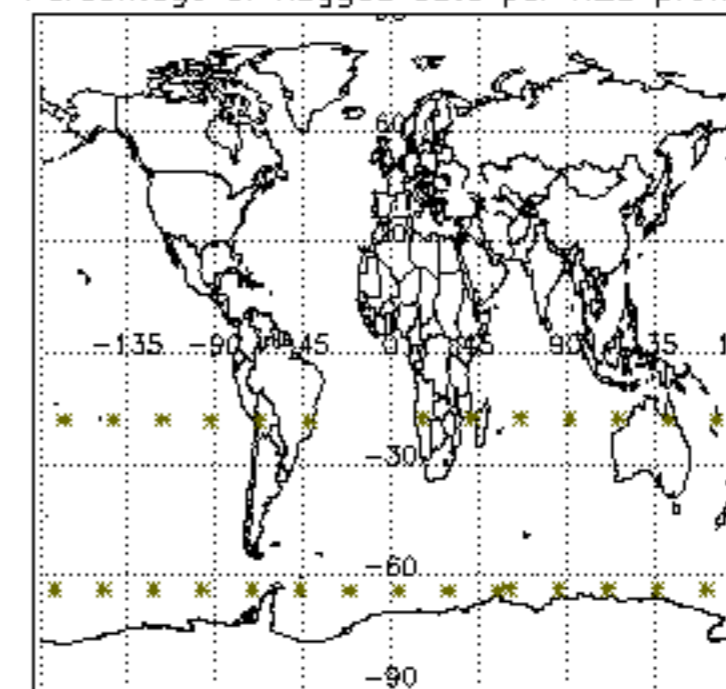




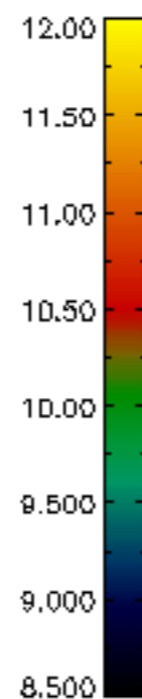
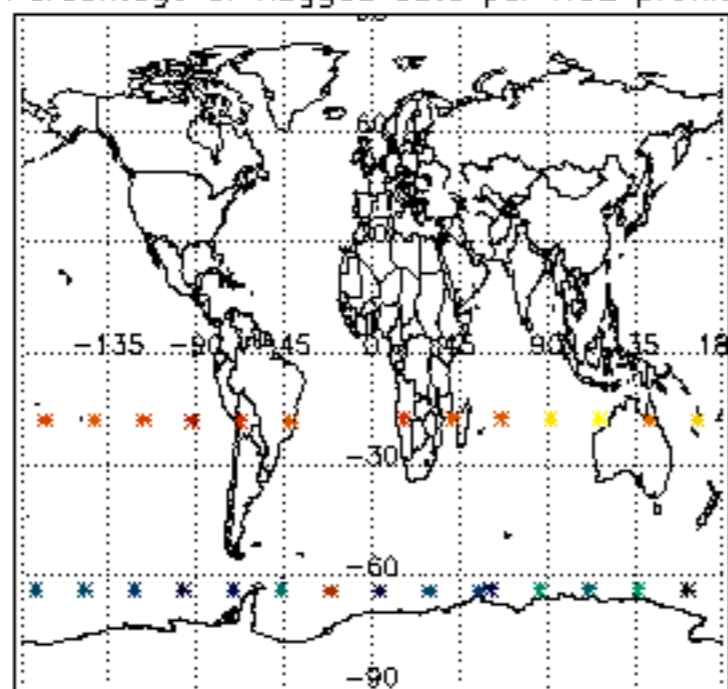
Percentage of flagged data per D3 profile



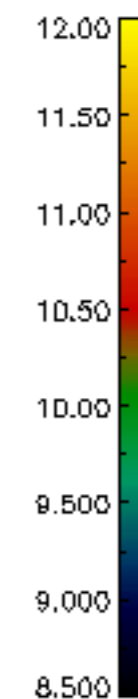
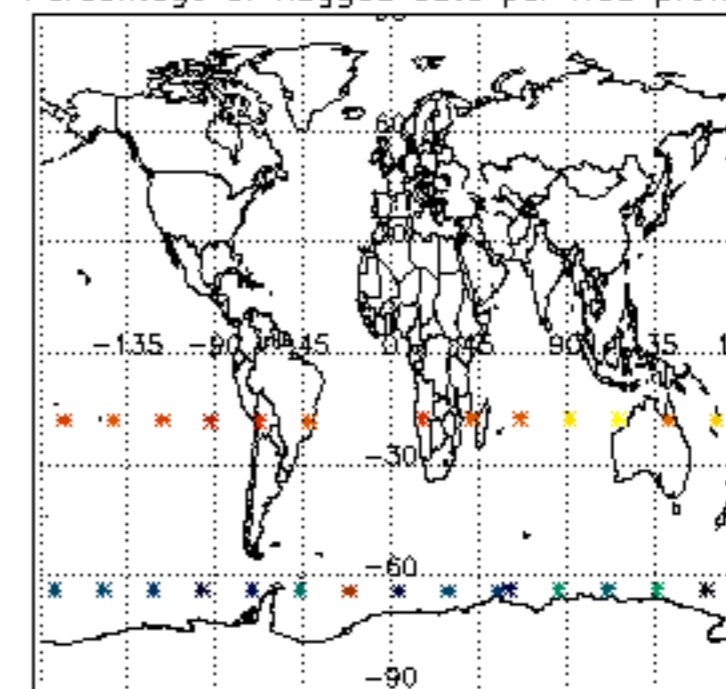
Percentage of flagged data per H2O profile

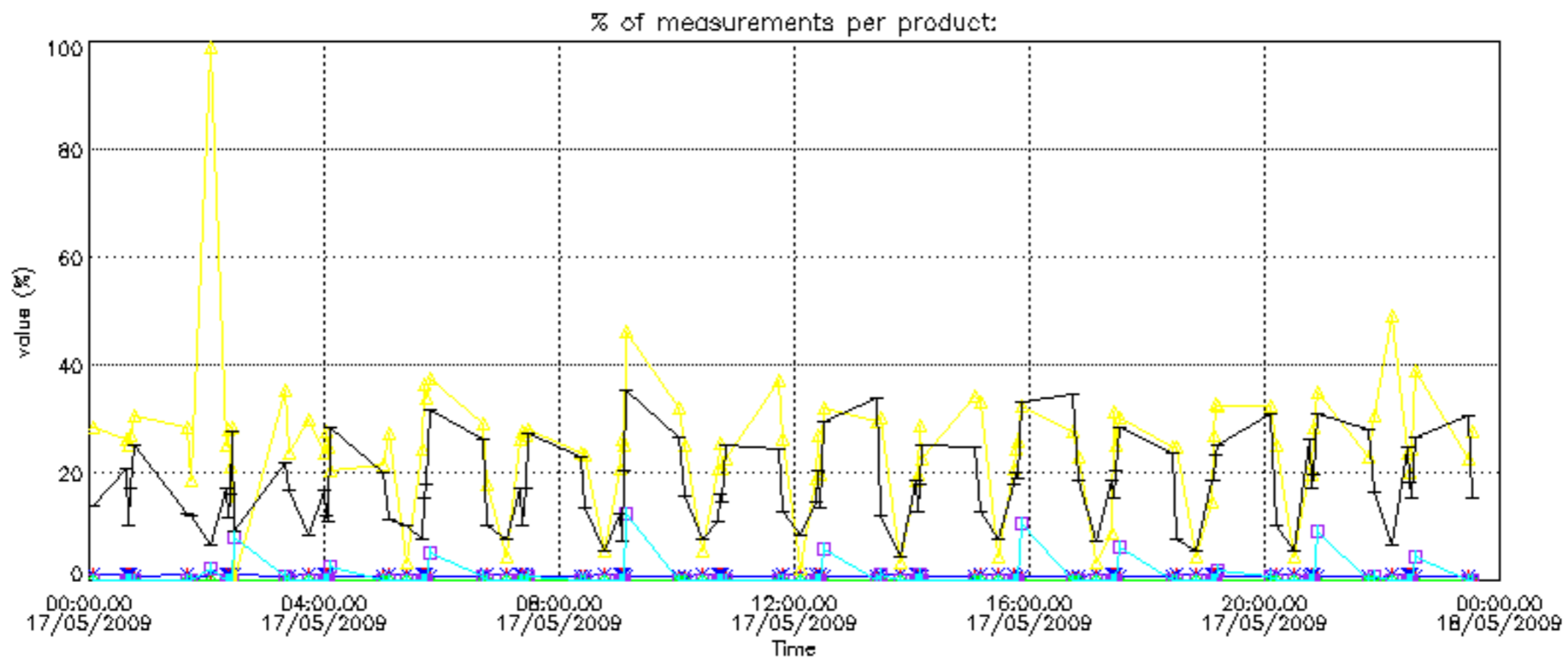


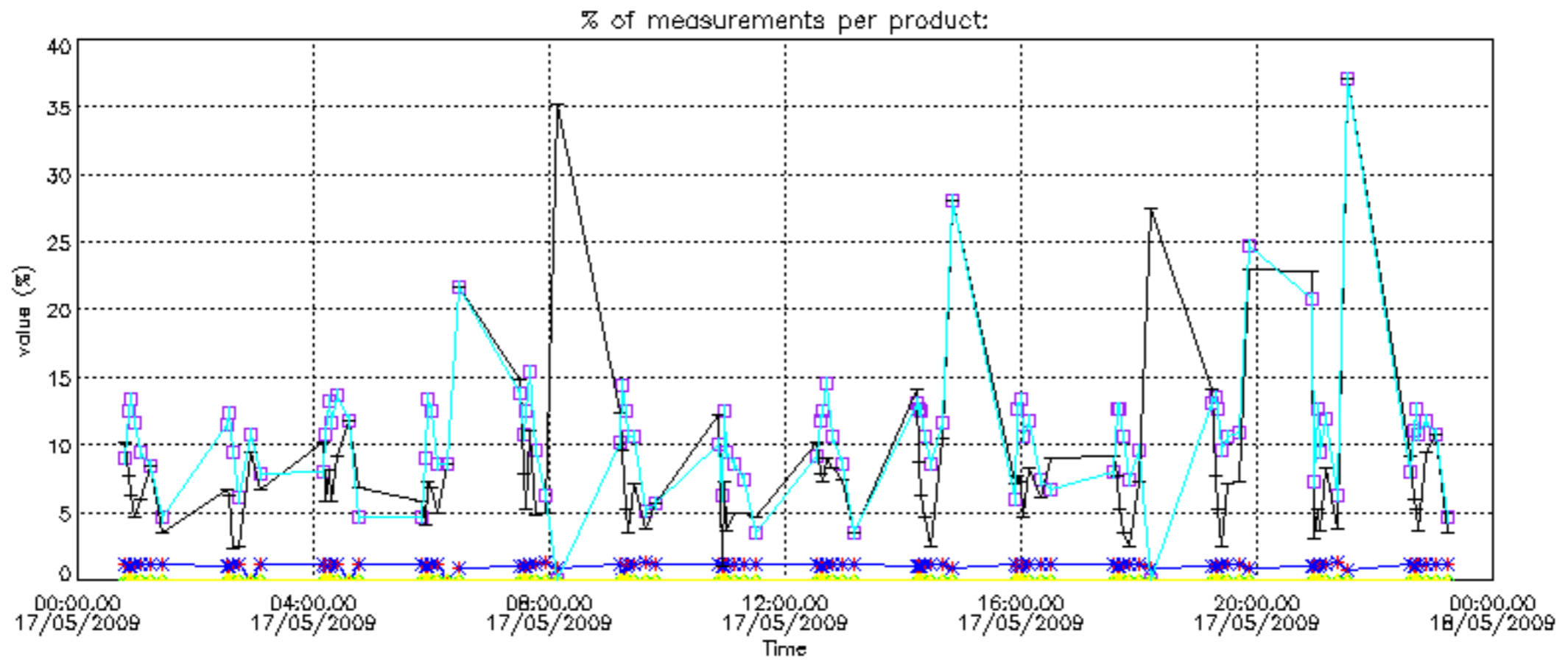
Percentage of flagged data per NO2 profile



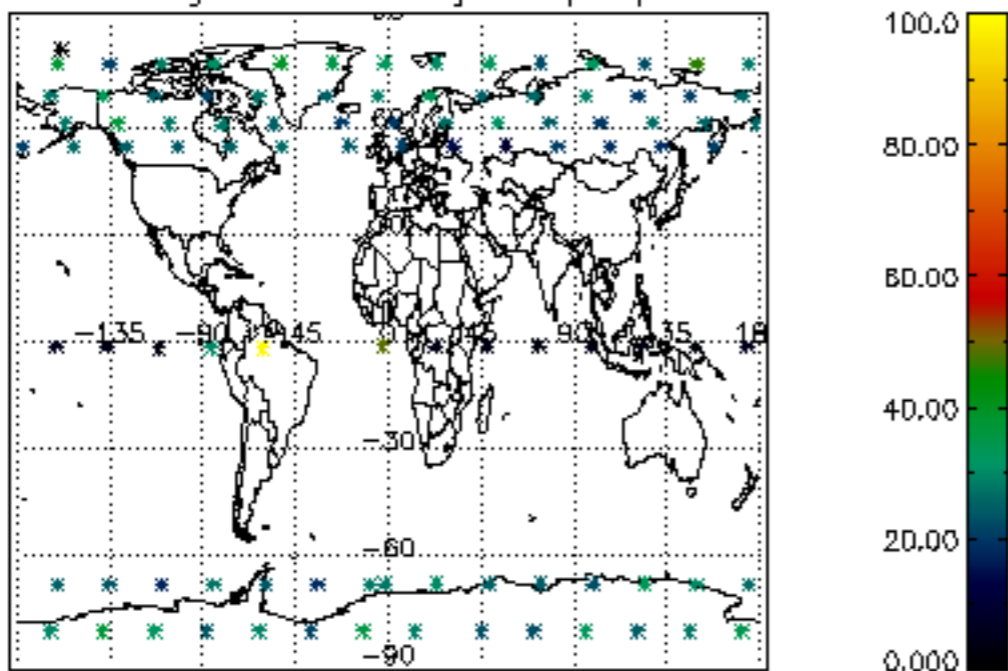
Percentage of flagged data per NO3 profile



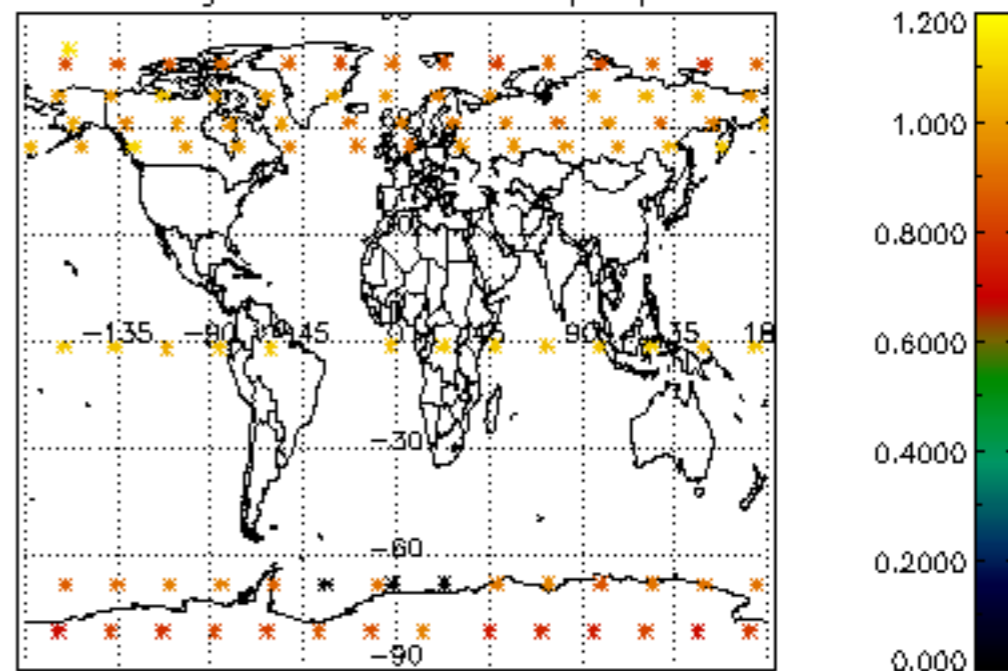




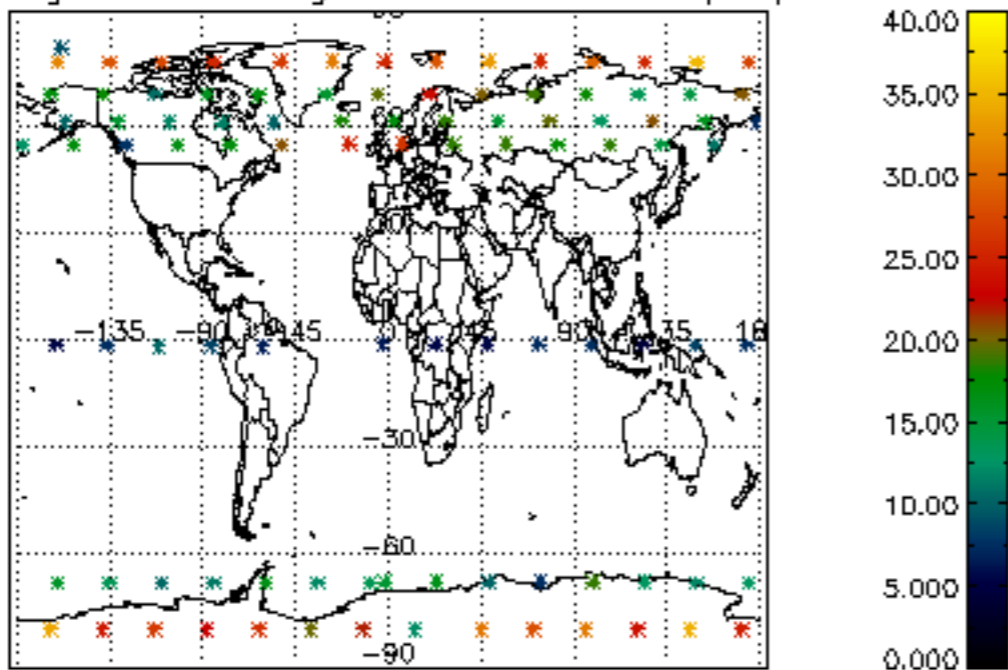
Percentage of cosmic ray hits per profile



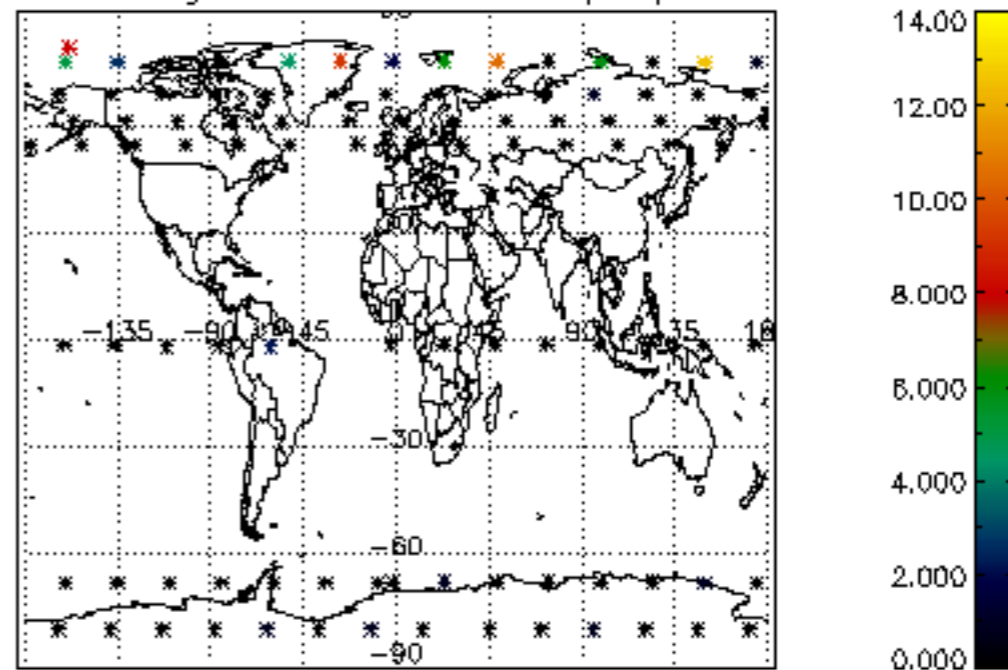
Percentage of datation errors per profile



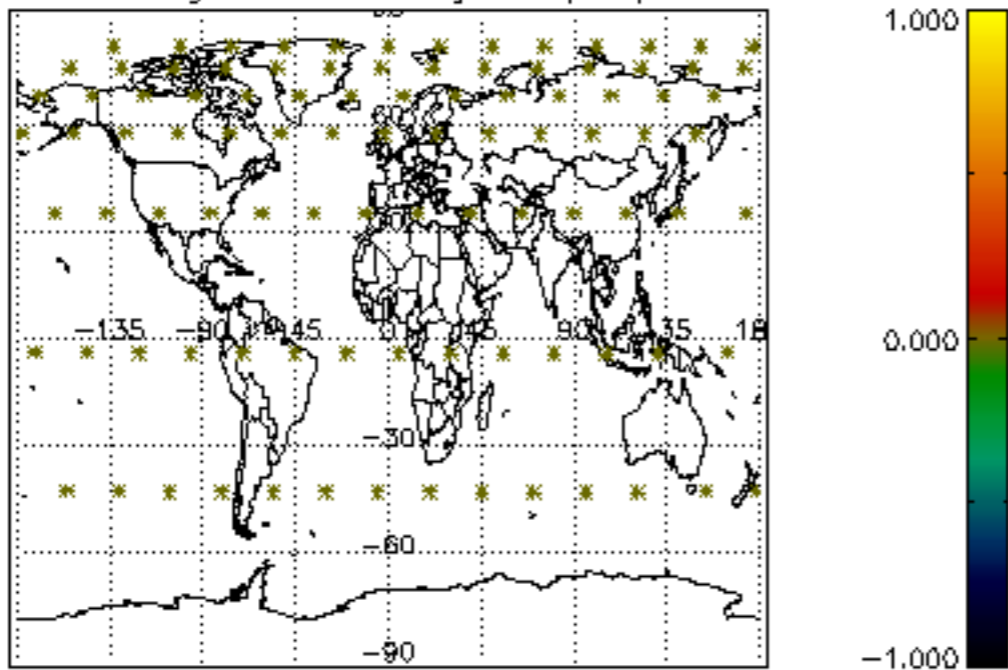
Percentage of star falling outside central band per profile



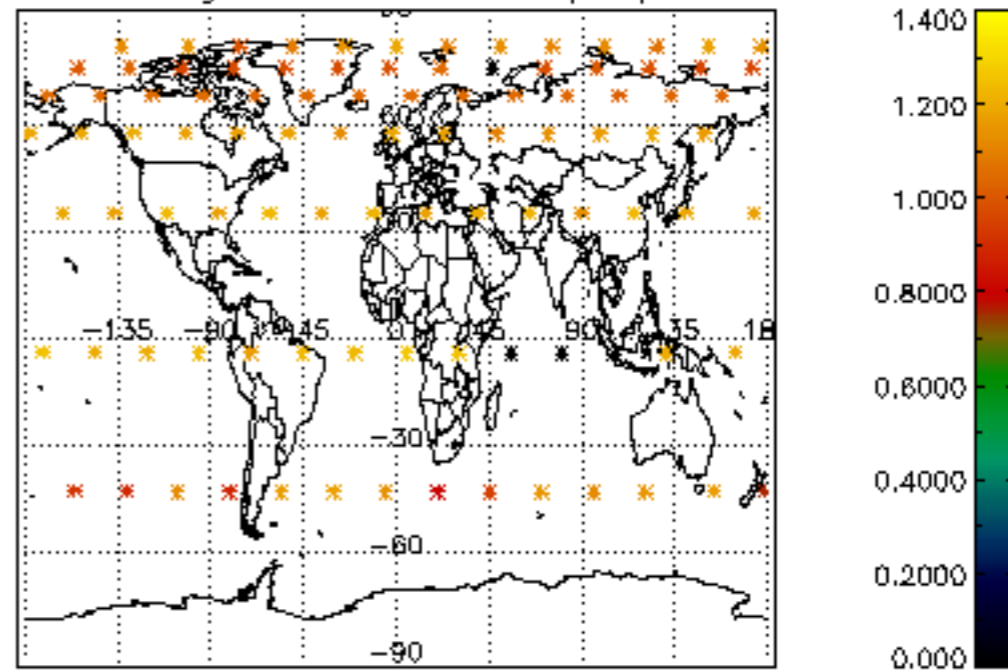
Percentage of saturation errors per profile



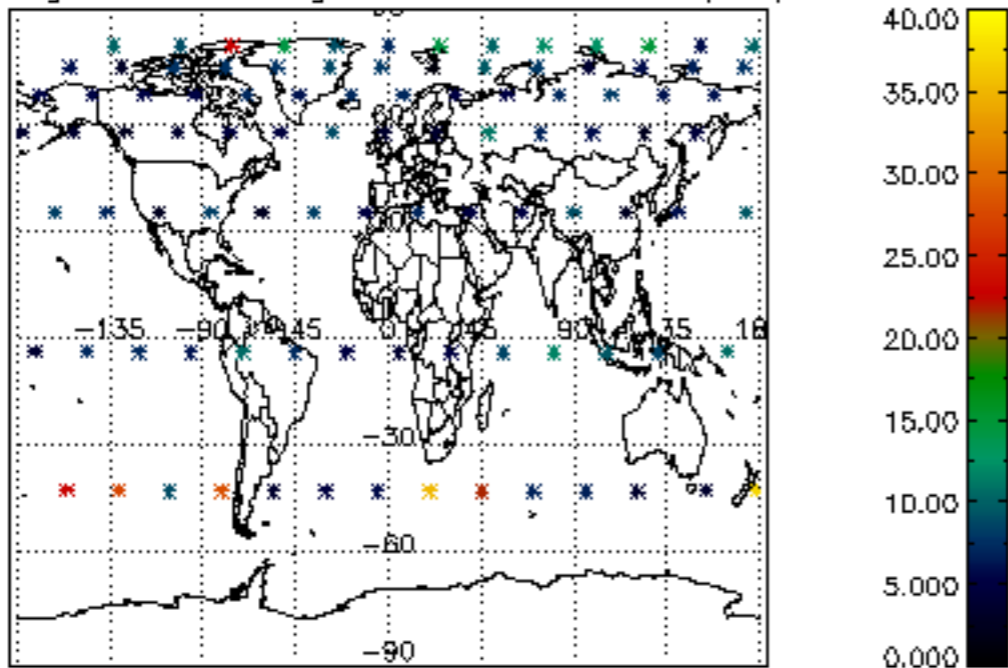
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

