

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	26APR2013 10:53:26
Data source version	GOMOS/6.01
Start time of products	16-07-2009 (16JUL2009 00:00:00)
Stop time of products	17-07-2009 (17JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	214
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__2PRFIN20090716_000418_000000412080_00431_38561_0812.N1	16-JUL-2009 00:04:18	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	38561	No
2	GOM_NL__2PRFIN20090716_000539_000000412080_00431_38561_0813.N1	16-JUL-2009 00:05:39	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	38561	No
3	GOM_NL__2PRFIN20090716_000835_000000442080_00431_38561_0814.N1	16-JUL-2009 00:08:35	Bright	44.000	79	26Bet Per	2.3100	13100.	88	38561	No
4	GOM_NL__2PRFIN20090716_001403_000000402080_00431_38561_0815.N1	16-JUL-2009 00:14:03	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	38561	No
5	GOM_NL__2PRFIN20090716_002159_000000592080_00431_38561_0816.N1	16-JUL-2009 00:21:59	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	38561	No
6	GOM_NL__2PRFIN20090716_004309_000000552080_00432_38562_0816.N1	16-JUL-2009 00:43:09	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	38562	No
7	GOM_NL__2PRFIN20090716_004856_000000652080_00432_38562_0817.N1	16-JUL-2009 00:48:56	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	38562	No
8	GOM_NL__2PRFIN20090716_005032_000000572080_00432_38562_0818.N1	16-JUL-2009 00:50:32	Straylight	57.000	31	Alp Gru	1.7340	15200.	114	38562	No
9	GOM_NL__2PRFIN20090716_005345_000000552080_00432_38562_0819.N1	16-JUL-2009 00:53:45	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	38562	No
10	GOM_NL__2PRFIN20090716_011239_000000462080_00432_38562_0820.N1	16-JUL-2009 01:12:39	Bright	45.500	11	53Alp Aql	0.76500	8000.0	91	38562	No
11	GOM_NL__2PRFIN20090716_012350_000000402080_00432_38562_0821.N1	16-JUL-2009 01:23:50	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	38562	No
12	GOM_NL__2PRFIN20090716_012610_000000502080_00432_38562_0822.N1	16-JUL-2009 01:26:10	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	38562	No
13	GOM_NL__2PRFIN20090716_013102_000000412080_00432_38562_0823.N1	16-JUL-2009 01:31:02	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38562	No
14	GOM_NL__2PRFIN20090716_013828_000000502080_00432_38562_0824.N1	16-JUL-2009 01:38:28	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38562	No
15	GOM_NL__2PRFIN20090716_014024_000000702080_00432_38562_0825.N1	16-JUL-2009 01:40:24	Bright	70.000	68	18Alp Cas	2.2250	4500.0	140	38562	No
16	GOM_NL__2PRFIN20090716_014453_000000552080_00432_38562_0826.N1	16-JUL-2009 01:44:53	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	38562	No
17	GOM_NL__2PRFIN20090716_014614_000000602080_00432_38562_0827.N1	16-JUL-2009 01:46:14	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	38562	No
18	GOM_NL__2PRFIN20090716_014911_000000472080_00432_38562_0828.N1	16-JUL-2009 01:49:11	Bright	47.000	79	26Bet Per	2.3100	13100.	94	38562	No
19	GOM_NL__2PRFIN20090716_015439_000000422080_00432_38562_0829.N1	16-JUL-2009 01:54:39	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	38562	No
20	GOM_NL__2PRFIN20090716_020236_000000632080_00432_38562_0830.N1	16-JUL-2009 02:02:36	Dark	63.000	94	92Alp Cet	2.5260	3100.0	126	38562	No
21	GOM_NL__2PRFIN20090716_022346_000000532080_00433_38563_0831.N1	16-JUL-2009 02:23:46	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	38563	No
22	GOM_NL__2PRFIN20090716_022933_000000642080_00433_38563_0832.N1	16-JUL-2009 02:29:33	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	38563	No
23	GOM_NL__2PRFIN20090716_023109_000000512080_00433_38563_0833.N1	16-JUL-2009 02:31:09	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	38563	No
24	GOM_NL__2PRFIN20090716_023422_000000542080_00433_38563_0834.N1	16-JUL-2009 02:34:22	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	38563	No
25	GOM_NL__2PRFIN20090716_025314_000000472080_00433_38563_0835.N1	16-JUL-2009 02:53:14	Bright	47.000	11	53Alp Aql	0.76500	8000.0	94	38563	No
26	GOM_NL__2PRFIN20090716_030425_000000422080_00433_38563_0836.N1	16-JUL-2009 03:04:25	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	38563	No
27	GOM_NL__2PRFIN20090716_030645_000000472080_00433_38563_0837.N1	16-JUL-2009 03:06:45	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	38563	No
28	GOM_NL__2PRFIN20090716_031137_000000442080_00433_38563_0838.N1	16-JUL-2009 03:11:37	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38563	No
29	GOM_NL__2PRFIN20090716_031903_000000502080_00433_38563_0839.N1	16-JUL-2009 03:19:03	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38563	No
30	GOM_NL__2PRFIN20090716_032059_000000552080_00433_38563_0840.N1	16-JUL-2009 03:20:59	Bright	54.500	68	18Alp Cas	2.2250	4500.0	109	38563	No
31	GOM_NL__2PRFIN20090716_032529_000000402080_00433_38563_0841.N1	16-JUL-2009 03:25:29	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	38563	No
32	GOM_NL__2PRFIN20090716_032650_000000442080_00433_38563_0842.N1	16-JUL-2009 03:26:50	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	38563	No
33	GOM_NL__2PRFIN20090716_032947_000000442080_00433_38563_0843.N1	16-JUL-2009 03:29:47	Bright	43.500	79	26Bet Per	2.3100	13100.	87	38563	No
34	GOM_NL__2PRFIN20090716_033515_000000392080_00433_38563_0844.N1	16-JUL-2009 03:35:15	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	38563	No
35	GOM_NL__2PRFIN20090716_034313_000000642080_00433_38563_0845.N1	16-JUL-2009 03:43:13	Dark	63.500	94	92Alp Cet	2.5260	3100.0	127	38563	No
36	GOM_NL__2PRFIN20090716_040423_000000532080_00434_38564_0841.N1	16-JUL-2009 04:04:23	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	38564	No
37	GOM_NL__2PRFIN20090716_041009_000000542080_00434_38564_0842.N1	16-JUL-2009 04:10:09	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38564	No
38	GOM_NL__2PRFIN20090716_041146_000000482080_00434_38564_0843.N1	16-JUL-2009 04:11:46	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38564	No
39	GOM_NL__2PRFIN20090716_041458_000000522080_00434_38564_0844.N1	16-JUL-2009 04:14:58	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	38564	No
40	GOM_NL__2PRFIN20090716_043350_000000472080_00434_38564_0845.N1	16-JUL-2009 04:33:50	Bright	46.500	11	53Alp Aql	0.76500	8000.0	93	38564	No
41	GOM_NL__2PRFIN20090716_044501_000000422080_00434_38564_0846.N1	16-JUL-2009 04:45:01	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	38564	No
42	GOM_NL__2PRFIN20090716_044720_000000482080_00434_38564_0847.N1	16-JUL-2009 04:47:20	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	38564	No

43	GOM_NL__2PRFIN20090716_045212_000000442080_00434_38564_0848.N1	16-JUL-2009 04:52:12	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38564	No
44	GOM_NL__2PRFIN20090716_045938_000000502080_00434_38564_0849.N1	16-JUL-2009 04:59:38	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38564	No
45	GOM_NL__2PRFIN20090716_050134_000000522080_00434_38564_0850.N1	16-JUL-2009 05:01:34	Bright	51.500	68	18Alp Cas	2.2250	4500.0	103	38564	No
46	GOM_NL__2PRFIN20090716_050605_000000612080_00434_38564_0851.N1	16-JUL-2009 05:06:05	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	38564	No
47	GOM_NL__2PRFIN20090716_050726_000000492080_00434_38564_0852.N1	16-JUL-2009 05:07:26	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	38564	No
48	GOM_NL__2PRFIN20090716_051023_000000432080_00434_38564_0853.N1	16-JUL-2009 05:10:23	Bright	43.000	79	26Bet Per	2.3100	13100.	86	38564	No
49	GOM_NL__2PRFIN20090716_051551_000000412080_00434_38564_0854.N1	16-JUL-2009 05:15:51	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	38564	No
50	GOM_NL__2PRFIN20090716_052349_000000612080_00434_38564_0855.N1	16-JUL-2009 05:23:49	Dark	60.500	94	92Alp Cet	2.5260	3100.0	121	38564	No
51	GOM_NL__2PRFIN20090716_054500_000000562080_00435_38565_0861.N1	16-JUL-2009 05:45:00	Dark	55.500	84	Alp Phe	2.3970	4500.0	111	38565	No
52	GOM_NL__2PRFIN20090716_055047_000000532080_00435_38565_0862.N1	16-JUL-2009 05:50:47	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38565	No
53	GOM_NL__2PRFIN20090716_055222_000000472080_00435_38565_0863.N1	16-JUL-2009 05:52:22	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38565	No
54	GOM_NL__2PRFIN20090716_055535_000000552080_00435_38565_0864.N1	16-JUL-2009 05:55:35	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	38565	No
55	GOM_NL__2PRFIN20090716_061426_000000472080_00435_38565_0865.N1	16-JUL-2009 06:14:26	Bright	47.000	11	53Alp Aql	0.76500	8000.0	94	38565	No
56	GOM_NL__2PRFIN20090716_062536_000000412080_00435_38565_0866.N1	16-JUL-2009 06:25:36	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	38565	No
57	GOM_NL__2PRFIN20090716_062756_000000492080_00435_38565_0867.N1	16-JUL-2009 06:27:56	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	38565	No
58	GOM_NL__2PRFIN20090716_063248_000000412080_00435_38565_0868.N1	16-JUL-2009 06:32:48	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38565	No
59	GOM_NL__2PRFIN20090716_064014_000000742080_00435_38565_0869.N1	16-JUL-2009 06:40:14	Bright	74.000	74	11Bet Cas	2.2680	6600.0	148	38565	No
60	GOM_NL__2PRFIN20090716_064210_000000682080_00435_38565_0870.N1	16-JUL-2009 06:42:10	Bright	68.000	68	18Alp Cas	2.2250	4500.0	136	38565	No
61	GOM_NL__2PRFIN20090716_064641_000000422080_00435_38565_0871.N1	16-JUL-2009 06:46:41	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	38565	No
62	GOM_NL__2PRFIN20090716_064802_000000412080_00435_38565_0872.N1	16-JUL-2009 06:48:02	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	38565	No
63	GOM_NL__2PRFIN20090716_065059_000000452080_00435_38565_0873.N1	16-JUL-2009 06:50:59	Bright	45.000	79	26Bet Per	2.3100	13100.	90	38565	No
64	GOM_NL__2PRFIN20090716_065628_000000412080_00435_38565_0874.N1	16-JUL-2009 06:56:28	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	38565	No
65	GOM_NL__2PRFIN20090716_070426_000000652080_00435_38565_0875.N1	16-JUL-2009 07:04:26	Dark	65.000	94	92Alp Cet	2.5260	3100.0	130	38565	No
66	GOM_NL__2PRFIN20090716_072537_000000572080_00436_38566_0897.N1	16-JUL-2009 07:25:37	Dark	57.000	84	Alp Phe	2.3970	4500.0	114	38566	No
67	GOM_NL__2PRFIN20090716_073123_000000632080_00436_38566_0898.N1	16-JUL-2009 07:31:23	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	38566	No
68	GOM_NL__2PRFIN20090716_073259_000000572080_00436_38566_0899.N1	16-JUL-2009 07:32:59	Straylight	57.000	31	Alp Gru	1.7340	15200.	114	38566	No
69	GOM_NL__2PRFIN20090716_073612_000000512080_00436_38566_0900.N1	16-JUL-2009 07:36:12	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	38566	No
70	GOM_NL__2PRFIN20090716_075501_000000452080_00436_38566_0901.N1	16-JUL-2009 07:55:01	Bright	45.000	11	53Alp Aql	0.76500	8000.0	90	38566	No
71	GOM_NL__2PRFIN20090716_080612_000000422080_00436_38566_0902.N1	16-JUL-2009 08:06:12	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	38566	No
72	GOM_NL__2PRFIN20090716_080831_000000492080_00436_38566_0903.N1	16-JUL-2009 08:08:31	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	38566	No
73	GOM_NL__2PRFIN20090716_081323_000000402080_00436_38566_0904.N1	16-JUL-2009 08:13:23	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38566	No
74	GOM_NL__2PRFIN20090716_082049_000000742080_00436_38566_0905.N1	16-JUL-2009 08:20:49	Bright	74.000	74	11Bet Cas	2.2680	6600.0	148	38566	No
75	GOM_NL__2PRFIN20090716_082245_000000552080_00436_38566_0906.N1	16-JUL-2009 08:22:45	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	38566	No
76	GOM_NL__2PRFIN20090716_082717_000000612080_00436_38566_0907.N1	16-JUL-2009 08:27:17	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	38566	No
77	GOM_NL__2PRFIN20090716_082838_000000522080_00436_38566_0908.N1	16-JUL-2009 08:28:38	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38566	No
78	GOM_NL__2PRFIN20090716_083135_000000452080_00436_38566_0909.N1	16-JUL-2009 08:31:35	Bright	45.000	79	26Bet Per	2.3100	13100.	90	38566	No
79	GOM_NL__2PRFIN20090716_083704_000000402080_00436_38566_0910.N1	16-JUL-2009 08:37:04	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	38566	No
80	GOM_NL__2PRFIN20090716_084503_000000592080_00436_38566_0911.N1	16-JUL-2009 08:45:03	Dark	59.000	94	92Alp Cet	2.5260	3100.0	118	38566	No
81	GOM_NL__2PRFIN20090716_090614_000000582080_00437_38567_0911.N1	16-JUL-2009 09:06:14	Dark	57.500	84	Alp Phe	2.3970	4500.0	115	38567	No
82	GOM_NL__2PRFIN20090716_091200_000000652080_00437_38567_0912.N1	16-JUL-2009 09:12:00	Straylight	65.000	63	Bet Gru	2.1500	2800.0	130	38567	No
83	GOM_NL__2PRFIN20090716_091336_000000492080_00437_38567_0913.N1	16-JUL-2009 09:13:36	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	38567	No
84	GOM_NL__2PRFIN20090716_091649_000000512080_00437_38567_0914.N1	16-JUL-2009 09:16:49	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	38567	No
85	GOM_NL__2PRFIN20090716_093537_000000452080_00437_38567_0915.N1	16-JUL-2009 09:35:37	Bright	44.500	11	53Alp Aql	0.76500	8000.0	89	38567	No
86	GOM_NL__2PRFIN20090716_094647_000000422080_00437_38567_0916.N1	16-JUL-2009 09:46:47	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	38567	No
87	GOM_NL__2PRFIN20090716_094906_000000512080_00437_38567_0917.N1	16-JUL-2009 09:49:06	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	38567	No
88	GOM_NL__2PRFIN20090716_095358_000000432080_00437_38567_0918.N1	16-JUL-2009 09:53:58	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38567	No
89	GOM_NL__2PRFIN20090716_100124_000000512080_00437_38567_0919.N1	16-JUL-2009 10:01:24	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38567	No
90	GOM_NL__2PRFIN20090716_100320_000000512080_00437_38567_0920.N1	16-JUL-2009 10:03:20	Bright	51.000	68	18Alp Cas	2.2250	4500.0	102	38567	No
91	GOM_NL__2PRFIN20090716_100752_000000462080_00437_38567_0921.N1	16-JUL-2009 10:07:52	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	38567	No
92	GOM_NL__2PRFIN20090716_100914_000000462080_00437_38567_0922.N1	16-JUL-2009 10:09:14	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	38567	No
93	GOM_NL__2PRFIN20090716_101211_000000442080_00437_38567_0923.N1	16-JUL-2009 10:12:11	Bright	44.000	79	26Bet Per	2.3100	13100.	88	38567	No
94	GOM_NL__2PRFIN20090716_101740_000000412080_00437_38567_0924.N1	16-JUL-2009 10:17:40	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	38567	No
95	GOM_NL__2PRFIN20090716_102540_000000602080_00437_38567_0925.N1	16-JUL-2009 10:25:40	Dark	60.000	94	92Alp Cet	2.5260	3100.0	120	38567	No
96	GOM_NL__2PRFIN20090716_104651_000000542080_00438_38568_0921.N1	16-JUL-2009 10:46:51	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	38568	No
97	GOM_NL__2PRFIN20090716_105237_000000632080_00438_38568_0922.N1	16-JUL-2009 10:52:37	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	38568	No
98	GOM_NL__2PRFIN20090716_105412_000000492080_00438_38568_0923.N1	16-JUL-2009 10:54:12	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	38568	No
99	GOM_NL__2PRFIN20090716_105725_000000522080_00438_38568_0924.N1	16-JUL-2009 10:57:25	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	38568	No
100	GOM_NL__2PRFIN20090716_111612_000000442080_00438_38568_0925.N1	16-JUL-2009 11:16:12	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	38568	No
101	GOM_NL__2PRFIN20090716_112723_000000422080_00438_38568_0926.N1	16-JUL-2009 11:27:23	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	38568	No

102	GOM_NL__2PRFIN20090716_112941_000000522080_00438_38568_0927.N1	16-JUL-2009 11:29:41	Bright	51.500	19	50Alp Cyg	1.2460	10500.	103	38568	No
103	GOM_NL__2PRFIN20090716_114159_000000492080_00438_38568_0928.N1	16-JUL-2009 11:41:59	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38568	No
104	GOM_NL__2PRFIN20090716_114356_000000512080_00438_38568_0929.N1	16-JUL-2009 11:43:56	Bright	51.000	68	18Alp Cas	2.2250	4500.0	102	38568	No
105	GOM_NL__2PRFIN20090716_114828_000000432080_00438_38568_0930.N1	16-JUL-2009 11:48:28	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	38568	No
106	GOM_NL__2PRFIN20090716_114950_000000442080_00438_38568_0931.N1	16-JUL-2009 11:49:50	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	38568	No
107	GOM_NL__2PRFIN20090716_115247_000000472080_00438_38568_0932.N1	16-JUL-2009 11:52:47	Bright	46.500	79	26Bet Per	2.3100	13100.	93	38568	No
108	GOM_NL__2PRFIN20090716_115816_000000432080_00438_38568_0933.N1	16-JUL-2009 11:58:16	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	38568	No
109	GOM_NL__2PRFIN20090716_120616_000000612080_00438_38568_0934.N1	16-JUL-2009 12:06:16	Dark	60.500	94	92Alp Cet	2.5260	3100.0	121	38568	No
110	GOM_NL__2PRFIN20090716_122728_000000632080_00439_38569_0939.N1	16-JUL-2009 12:27:28	Dark	62.500	84	Alp Phe	2.3970	4500.0	125	38569	No
111	GOM_NL__2PRFIN20090716_123314_000000542080_00439_38569_0940.N1	16-JUL-2009 12:33:14	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38569	No
112	GOM_NL__2PRFIN20090716_123449_000000482080_00439_38569_0941.N1	16-JUL-2009 12:34:49	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38569	No
113	GOM_NL__2PRFIN20090716_123802_000000522080_00439_38569_0942.N1	16-JUL-2009 12:38:02	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	38569	No
114	GOM_NL__2PRFIN20090716_125648_000000472080_00439_38569_0943.N1	16-JUL-2009 12:56:48	Bright	46.500	11	53Alp Aql	0.76500	8000.0	93	38569	No
115	GOM_NL__2PRFIN20090716_130758_000000402080_00439_38569_0944.N1	16-JUL-2009 13:07:58	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	38569	No
116	GOM_NL__2PRFIN20090716_131016_000000512080_00439_38569_0945.N1	16-JUL-2009 13:10:16	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	38569	No
117	GOM_NL__2PRFIN20090716_131509_000000432080_00439_38569_0946.N1	16-JUL-2009 13:15:09	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38569	No
118	GOM_NL__2PRFIN20090716_132234_000000512080_00439_38569_0947.N1	16-JUL-2009 13:22:34	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38569	No
119	GOM_NL__2PRFIN20090716_132431_000000582080_00439_38569_0948.N1	16-JUL-2009 13:24:31	Bright	57.500	68	18Alp Cas	2.2250	4500.0	115	38569	No
120	GOM_NL__2PRFIN20090716_132904_000000522080_00439_38569_0949.N1	16-JUL-2009 13:29:04	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	38569	No
121	GOM_NL__2PRFIN20090716_133025_000000602080_00439_38569_0950.N1	16-JUL-2009 13:30:25	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	38569	No
122	GOM_NL__2PRFIN20090716_133322_000000472080_00439_38569_0951.N1	16-JUL-2009 13:33:22	Bright	47.000	79	26Bet Per	2.3100	13100.	94	38569	No
123	GOM_NL__2PRFIN20090716_133852_000000442080_00439_38569_0952.N1	16-JUL-2009 13:38:52	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	38569	No
124	GOM_NL__2PRFIN20090716_134653_000000602080_00439_38569_0953.N1	16-JUL-2009 13:46:53	Dark	60.000	94	92Alp Cet	2.5260	3100.0	120	38569	No
125	GOM_NL__2PRFIN20090716_140806_000000532080_00440_38570_0953.N1	16-JUL-2009 14:08:06	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	38570	No
126	GOM_NL__2PRFIN20090716_141351_000000532080_00440_38570_0954.N1	16-JUL-2009 14:13:51	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38570	No
127	GOM_NL__2PRFIN20090716_141526_000000482080_00440_38570_0955.N1	16-JUL-2009 14:15:26	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38570	No
128	GOM_NL__2PRFIN20090716_141838_000000522080_00440_38570_0956.N1	16-JUL-2009 14:18:38	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	38570	No
129	GOM_NL__2PRFIN20090716_143723_000000462080_00440_38570_0957.N1	16-JUL-2009 14:37:23	Bright	45.500	11	53Alp Aql	0.76500	8000.0	91	38570	No
130	GOM_NL__2PRFIN20090716_144834_000000392080_00440_38570_0958.N1	16-JUL-2009 14:48:34	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	38570	No
131	GOM_NL__2PRFIN20090716_145051_000000512080_00440_38570_0959.N1	16-JUL-2009 14:50:51	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	38570	No
132	GOM_NL__2PRFIN20090716_145544_000000442080_00440_38570_0960.N1	16-JUL-2009 14:55:44	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38570	No
133	GOM_NL__2PRFIN20090716_150310_000000502080_00440_38570_0961.N1	16-JUL-2009 15:03:10	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38570	No
134	GOM_NL__2PRFIN20090716_150506_000000522080_00440_38570_0962.N1	16-JUL-2009 15:05:06	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	38570	No
135	GOM_NL__2PRFIN20090716_150940_000000452080_00440_38570_0963.N1	16-JUL-2009 15:09:40	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	38570	No
136	GOM_NL__2PRFIN20090716_151101_000000442080_00440_38570_0964.N1	16-JUL-2009 15:11:01	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	38570	No
137	GOM_NL__2PRFIN20090716_151358_000000432080_00440_38570_0965.N1	16-JUL-2009 15:13:58	Bright	43.000	79	26Bet Per	2.3100	13100.	86	38570	No
138	GOM_NL__2PRFIN20090716_151928_000000432080_00440_38570_0966.N1	16-JUL-2009 15:19:28	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	38570	No
139	GOM_NL__2PRFIN20090716_152730_000000672080_00440_38570_0967.N1	16-JUL-2009 15:27:30	Dark	67.000	94	92Alp Cet	2.5260	3100.0	134	38570	No
140	GOM_NL__2PRFIN20090716_154843_000000542080_00441_38571_0967.N1	16-JUL-2009 15:48:43	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	38571	No
141	GOM_NL__2PRFIN20090716_155427_000000562080_00441_38571_0968.N1	16-JUL-2009 15:54:27	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	38571	No
142	GOM_NL__2PRFIN20090716_155602_000000482080_00441_38571_0969.N1	16-JUL-2009 15:56:02	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38571	No
143	GOM_NL__2PRFIN20090716_155915_000000522080_00441_38571_0970.N1	16-JUL-2009 15:59:15	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	38571	No
144	GOM_NL__2PRFIN20090716_161759_000000482080_00441_38571_0971.N1	16-JUL-2009 16:17:59	Bright	47.500	11	53Alp Aql	0.76500	8000.0	95	38571	No
145	GOM_NL__2PRFIN20090716_162909_000000422080_00441_38571_0972.N1	16-JUL-2009 16:29:09	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	38571	No
146	GOM_NL__2PRFIN20090716_163126_000000502080_00441_38571_0973.N1	16-JUL-2009 16:31:26	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	38571	No
147	GOM_NL__2PRFIN20090716_163620_000000412080_00441_38571_0974.N1	16-JUL-2009 16:36:20	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38571	No
148	GOM_NL__2PRFIN20090716_164345_000000502080_00441_38571_0975.N1	16-JUL-2009 16:43:45	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38571	No
149	GOM_NL__2PRFIN20090716_164541_000000622080_00441_38571_0976.N1	16-JUL-2009 16:45:41	Bright	62.000	68	18Alp Cas	2.2250	4500.0	124	38571	No
150	GOM_NL__2PRFIN20090716_165015_000000502080_00441_38571_0977.N1	16-JUL-2009 16:50:15	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38571	No
151	GOM_NL__2PRFIN20090716_165137_000000582080_00441_38571_0978.N1	16-JUL-2009 16:51:37	Bright	57.500	35	33Alp Per	1.7950	6250.0	115	38571	No
152	GOM_NL__2PRFIN20090716_165434_000000452080_00441_38571_0979.N1	16-JUL-2009 16:54:34	Bright	45.000	79	26Bet Per	2.3100	13100.	90	38571	No
153	GOM_NL__2PRFIN20090716_170004_000000422080_00441_38571_0980.N1	16-JUL-2009 17:00:04	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	38571	No
154	GOM_NL__2PRFIN20090716_170807_000000622080_00441_38571_0981.N1	16-JUL-2009 17:08:07	Dark	61.500	94	92Alp Cet	2.5260	3100.0	123	38571	No
155	GOM_NL__2PRFIN20090716_172920_000000572080_00442_38572_0981.N1	16-JUL-2009 17:29:20	Dark	56.500	84	Alp Phe	2.3970	4500.0	113	38572	No
156	GOM_NL__2PRFIN20090716_173504_000000512080_00442_38572_0982.N1	16-JUL-2009 17:35:04	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	38572	No
157	GOM_NL__2PRFIN20090716_173639_000000542080_00442_38572_0983.N1	16-JUL-2009 17:36:39	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	38572	No
158	GOM_NL__2PRFIN20090716_173952_000000502080_00442_38572_0984.N1	16-JUL-2009 17:39:52	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	38572	No
159	GOM_NL__2PRFIN20090716_175835_000000492080_00442_38572_0985.N1	16-JUL-2009 17:58:35	Bright	49.000	11	53Alp Aql	0.76500	8000.0	98	38572	No
160	GOM_NL__2PRFIN20090716_180944_000000422080_00442_38572_0986.N1	16-JUL-2009 18:09:44	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	38572	No

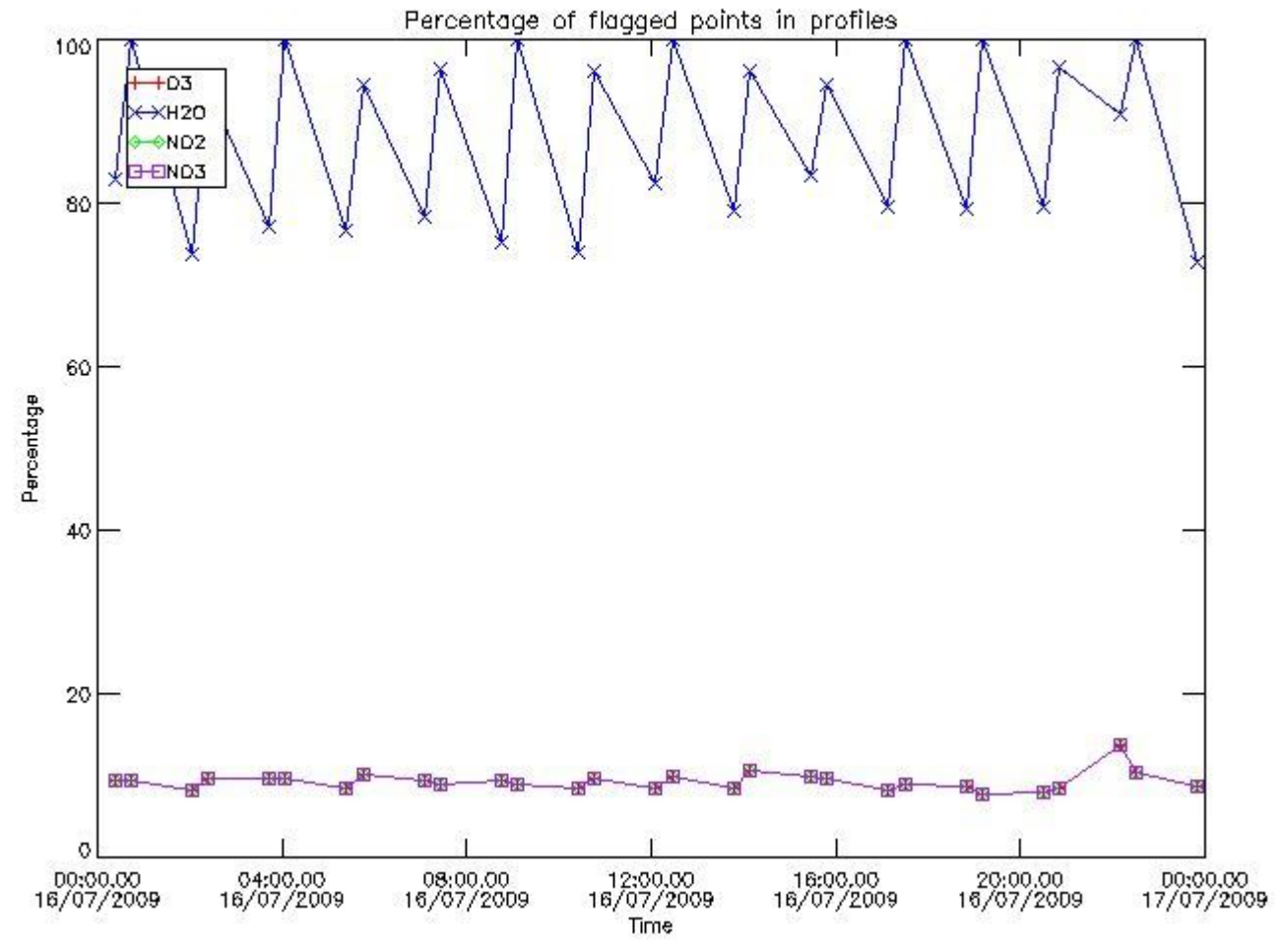
161	GOM_NL__2PRFIN20090716_181201_000000462080_00442_38572_0987.N1	16-JUL-2009 18:12:01	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	38572	No
162	GOM_NL__2PRFIN20090716_181655_000000442080_00442_38572_0988.N1	16-JUL-2009 18:16:55	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38572	No
163	GOM_NL__2PRFIN20090716_182420_000000742080_00442_38572_0989.N1	16-JUL-2009 18:24:20	Bright	74.000	74	11Bet Cas	2.2680	6600.0	148	38572	No
164	GOM_NL__2PRFIN20090716_182617_000000552080_00442_38572_0990.N1	16-JUL-2009 18:26:17	Bright	54.500	68	18Alp Cas	2.2250	4500.0	109	38572	No
165	GOM_NL__2PRFIN20090716_183051_000000392080_00442_38572_0991.N1	16-JUL-2009 18:30:51	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	38572	No
166	GOM_NL__2PRFIN20090716_183213_000000452080_00442_38572_0992.N1	16-JUL-2009 18:32:13	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	38572	No
167	GOM_NL__2PRFIN20090716_183510_000000442080_00442_38572_0993.N1	16-JUL-2009 18:35:10	Bright	43.500	79	26Bet Per	2.3100	13100.	87	38572	No
168	GOM_NL__2PRFIN20090716_184041_000000432080_00442_38572_0994.N1	16-JUL-2009 18:40:41	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	38572	No
169	GOM_NL__2PRFIN20090716_184843_000000592080_00442_38572_0995.N1	16-JUL-2009 18:48:43	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	38572	No
170	GOM_NL__2PRFIN20090716_190957_000000662080_00443_38573_0995.N1	16-JUL-2009 19:09:57	Dark	65.500	84	Alp Phe	2.3970	4500.0	131	38573	No
171	GOM_NL__2PRFIN20090716_191541_000000512080_00443_38573_0996.N1	16-JUL-2009 19:15:41	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	38573	No
172	GOM_NL__2PRFIN20090716_191715_000000522080_00443_38573_0997.N1	16-JUL-2009 19:17:15	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	38573	No
173	GOM_NL__2PRFIN20090716_192029_000000522080_00443_38573_0998.N1	16-JUL-2009 19:20:29	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	38573	No
174	GOM_NL__2PRFIN20090716_193911_000000502080_00443_38573_0999.N1	16-JUL-2009 19:39:11	Bright	49.500	11	53Alp Aql	0.76500	8000.0	99	38573	No
175	GOM_NL__2PRFIN20090716_195020_000000402080_00443_38573_1000.N1	16-JUL-2009 19:50:20	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	38573	No
176	GOM_NL__2PRFIN20090716_195236_000000712080_00443_38573_1001.N1	16-JUL-2009 19:52:36	Bright	71.000	19	50Alp Cyg	1.2460	10500.	142	38573	No
177	GOM_NL__2PRFIN20090716_195731_000000442080_00443_38573_1002.N1	16-JUL-2009 19:57:31	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38573	No
178	GOM_NL__2PRFIN20090716_200456_000000532080_00443_38573_1003.N1	16-JUL-2009 20:04:56	Bright	52.500	74	11Bet Cas	2.2680	6600.0	105	38573	No
179	GOM_NL__2PRFIN20090716_200652_000000552080_00443_38573_1004.N1	16-JUL-2009 20:06:52	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	38573	No
180	GOM_NL__2PRFIN20090716_201127_000000422080_00443_38573_1005.N1	16-JUL-2009 20:11:27	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	38573	No
181	GOM_NL__2PRFIN20090716_201249_000000502080_00443_38573_1006.N1	16-JUL-2009 20:12:49	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	38573	No
182	GOM_NL__2PRFIN20090716_201546_000000472080_00443_38573_1007.N1	16-JUL-2009 20:15:46	Bright	46.500	79	26Bet Per	2.3100	13100.	93	38573	No
183	GOM_NL__2PRFIN20090716_202117_000000432080_00443_38573_1008.N1	16-JUL-2009 20:21:17	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	38573	No
184	GOM_NL__2PRFIN20090716_202920_000000642080_00443_38573_1009.N1	16-JUL-2009 20:29:20	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	38573	No
185	GOM_NL__2PRFIN20090716_205034_000000602080_00444_38574_1012.N1	16-JUL-2009 20:50:34	Dark	60.000	84	Alp Phe	2.3970	4500.0	120	38574	No
186	GOM_NL__2PRFIN20090716_205617_000000672080_00444_38574_1013.N1	16-JUL-2009 20:56:17	Straylight	67.000	63	Bet Gru	2.1500	2800.0	134	38574	No
187	GOM_NL__2PRFIN20090716_205752_000000452080_00444_38574_1014.N1	16-JUL-2009 20:57:52	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38574	No
188	GOM_NL__2PRFIN20090716_210105_000000512080_00444_38574_1015.N1	16-JUL-2009 21:01:05	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	38574	No
189	GOM_NL__2PRFIN20090716_211946_000000452080_00444_38574_1016.N1	16-JUL-2009 21:19:46	Bright	44.500	11	53Alp Aql	0.76500	8000.0	89	38574	No
190	GOM_NL__2PRFIN20090716_213055_000000422080_00444_38574_1017.N1	16-JUL-2009 21:30:55	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	38574	No
191	GOM_NL__2PRFIN20090716_213311_000000522080_00444_38574_1018.N1	16-JUL-2009 21:33:11	Bright	52.000	19	50Alp Cyg	1.2460	10500.	104	38574	No
192	GOM_NL__2PRFIN20090716_213806_000000442080_00444_38574_1019.N1	16-JUL-2009 21:38:06	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38574	No
193	GOM_NL__2PRFIN20090716_214531_000000522080_00444_38574_1020.N1	16-JUL-2009 21:45:31	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	38574	No
194	GOM_NL__2PRFIN20090716_214727_000000542080_00444_38574_1021.N1	16-JUL-2009 21:47:27	Bright	53.500	68	18Alp Cas	2.2250	4500.0	107	38574	No
195	GOM_NL__2PRFIN20090716_215203_000000512080_00444_38574_1022.N1	16-JUL-2009 21:52:03	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	38574	No
196	GOM_NL__2PRFIN20090716_215325_000000512080_00444_38574_1023.N1	16-JUL-2009 21:53:25	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	38574	No
197	GOM_NL__2PRFIN20090716_215622_000000462080_00444_38574_1024.N1	16-JUL-2009 21:56:22	Bright	45.500	79	26Bet Per	2.3100	13100.	91	38574	No
198	GOM_NL__2PRFIN20090716_220153_000000432080_00444_38574_1025.N1	16-JUL-2009 22:01:53	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	38574	No
199	GOM_NL__2PRFIN20090716_220957_000000712080_00444_38574_1026.N1	16-JUL-2009 22:09:57	Dark	70.500	94	92Alp Cet	2.5260	3100.0	141	38574	No
200	GOM_NL__2PRFIN20090716_223111_000000542080_00445_38575_1027.N1	16-JUL-2009 22:31:11	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	38575	No
201	GOM_NL__2PRFIN20090716_223654_000000632080_00445_38575_1028.N1	16-JUL-2009 22:36:54	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	38575	No
202	GOM_NL__2PRFIN20090716_223829_000000572080_00445_38575_1029.N1	16-JUL-2009 22:38:29	Straylight	56.500	31	Alp Gru	1.7340	15200.	113	38575	No
203	GOM_NL__2PRFIN20090716_224142_000000492080_00445_38575_1030.N1	16-JUL-2009 22:41:42	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	38575	No
204	GOM_NL__2PRFIN20090716_230022_000000472080_00445_38575_1031.N1	16-JUL-2009 23:00:22	Bright	46.500	11	53Alp Aql	0.76500	8000.0	93	38575	No
205	GOM_NL__2PRFIN20090716_231131_000000432080_00445_38575_1032.N1	16-JUL-2009 23:11:31	Bright	43.000	144	18Del Cyg	2.8600	11000.	86	38575	No
206	GOM_NL__2PRFIN20090716_231346_000000502080_00445_38575_1033.N1	16-JUL-2009 23:13:46	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	38575	No
207	GOM_NL__2PRFIN20090716_231841_000000422080_00445_38575_1034.N1	16-JUL-2009 23:18:41	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38575	No
208	GOM_NL__2PRFIN20090716_232606_000000742080_00445_38575_1035.N1	16-JUL-2009 23:26:06	Bright	74.000	74	11Bet Cas	2.2680	6600.0	148	38575	No
209	GOM_NL__2PRFIN20090716_232802_000000552080_00445_38575_1036.N1	16-JUL-2009 23:28:02	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	38575	No
210	GOM_NL__2PRFIN20090716_233238_000000412080_00445_38575_1037.N1	16-JUL-2009 23:32:38	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	38575	No
211	GOM_NL__2PRFIN20090716_233400_000000602080_00445_38575_1038.N1	16-JUL-2009 23:34:00	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	38575	No
212	GOM_NL__2PRFIN20090716_233658_000000512080_00445_38575_1039.N1	16-JUL-2009 23:36:58	Bright	51.000	79	26Bet Per	2.3100	13100.	102	38575	No
213	GOM_NL__2PRFIN20090716_234229_000000422080_00445_38575_1040.N1	16-JUL-2009 23:42:29	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	38575	No
214	GOM_NL__2PRFIN20090716_235033_000000592080_00445_38575_1041.N1	16-JUL-2009 23:50:33	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	38575	No

3. Quality information per product

In this section it is plotted some information contained in the Quality Summary data set of

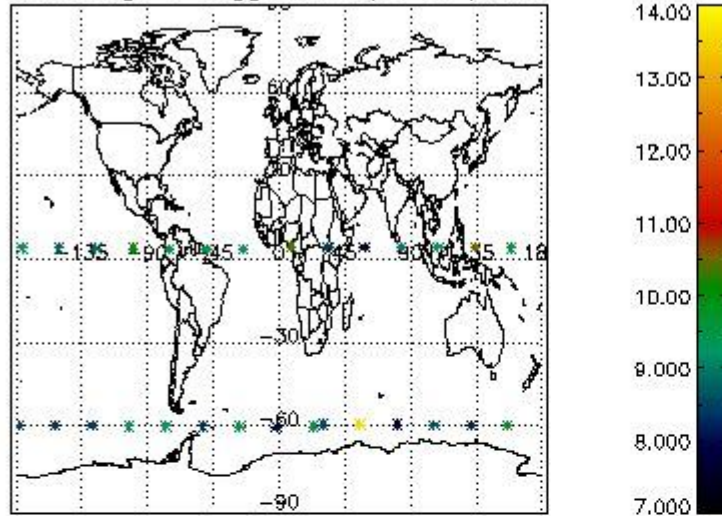
the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

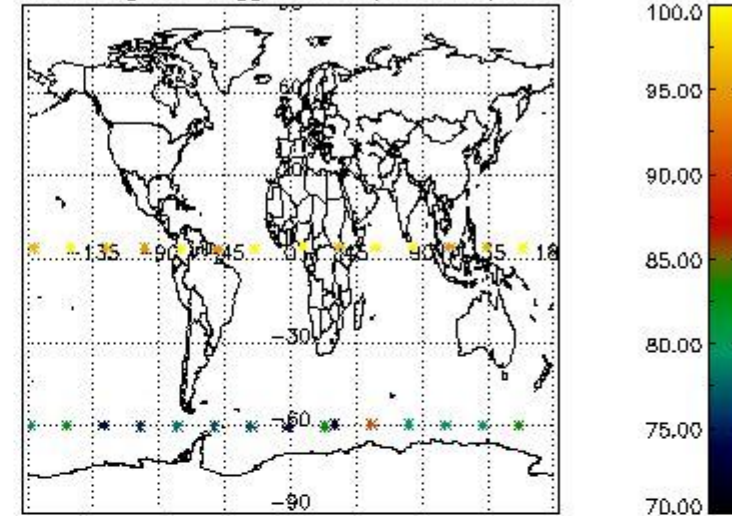


3.2 Plot quality information per product (world map)

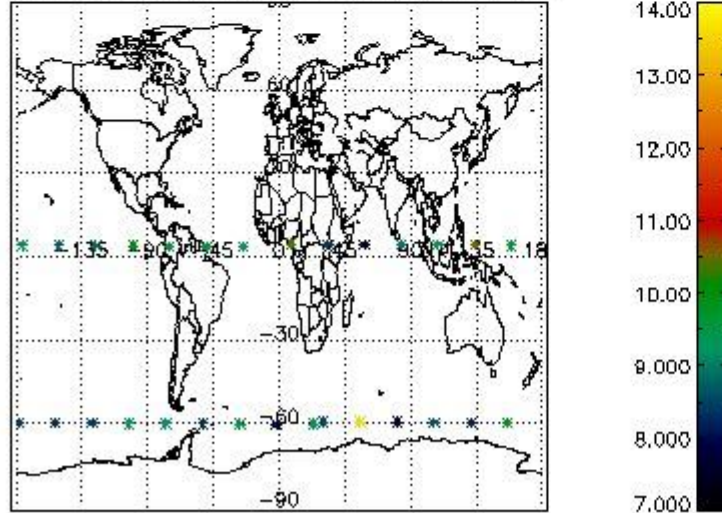
Percentage of flagged data per O3 profile



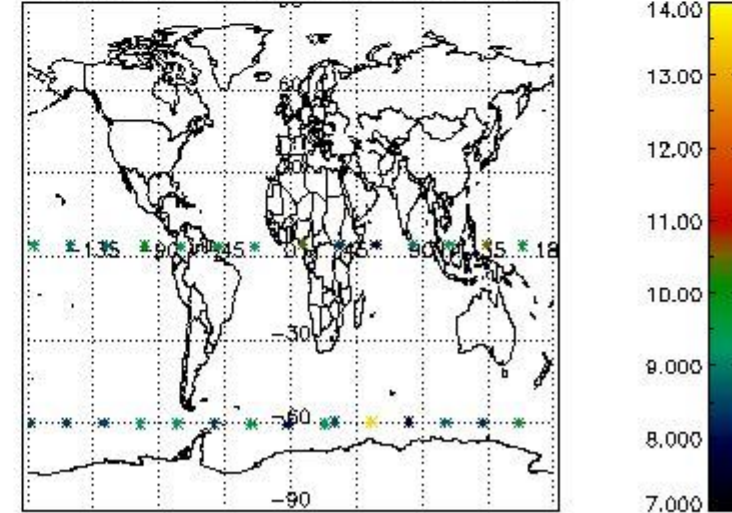
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

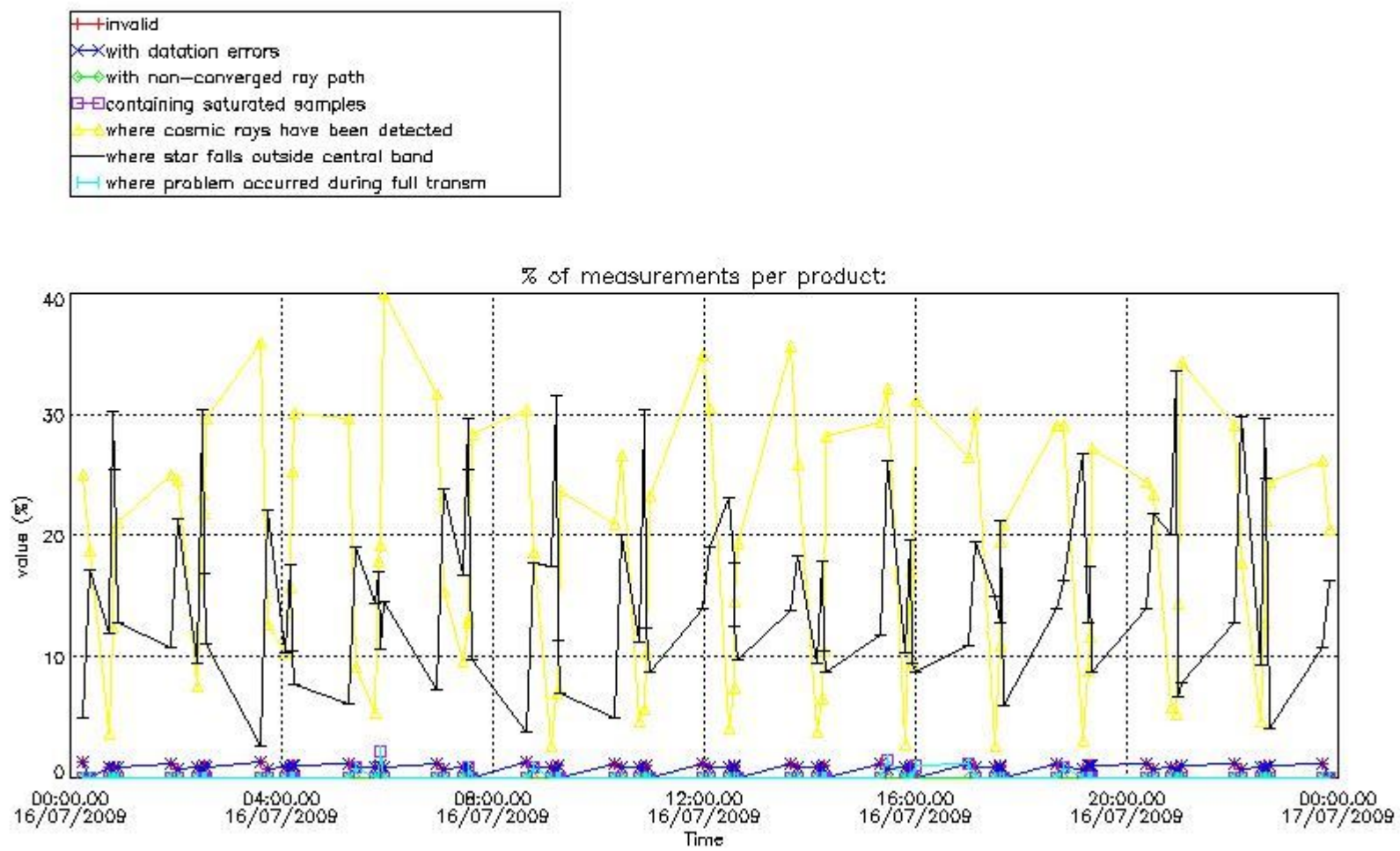


4. Level 1 quality information per product

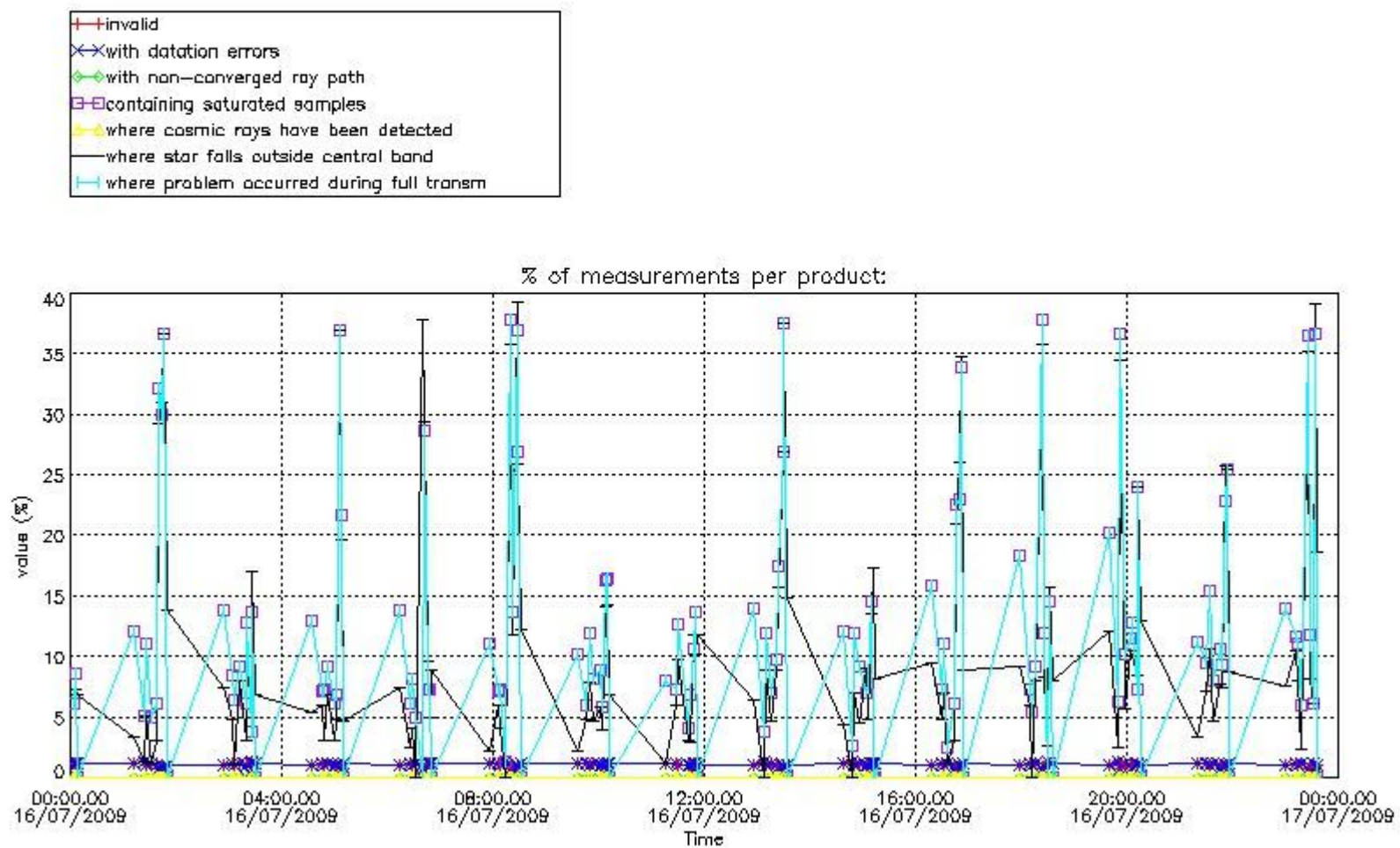
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



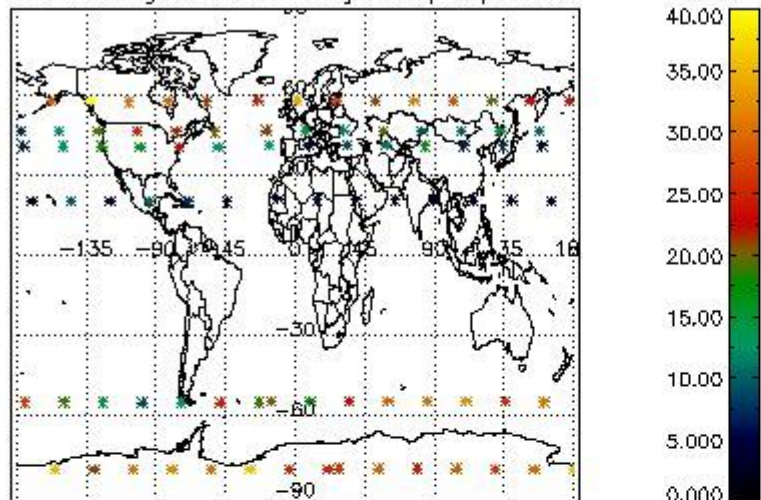
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



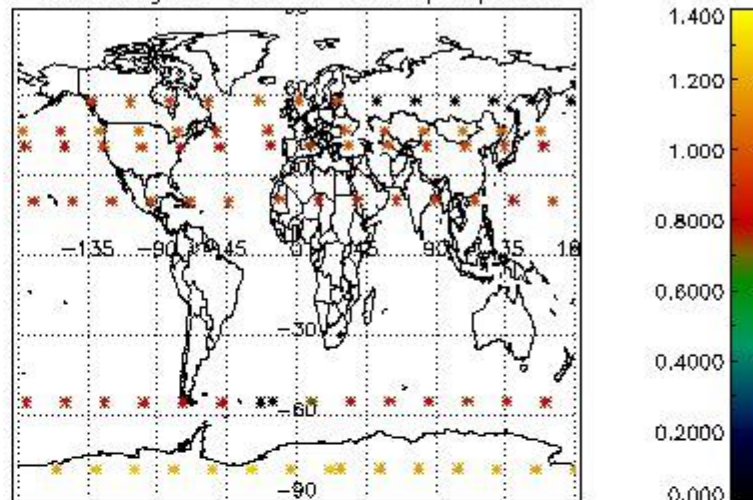
4.2 Plot quality information per product coming from level 1b processing (world map)

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

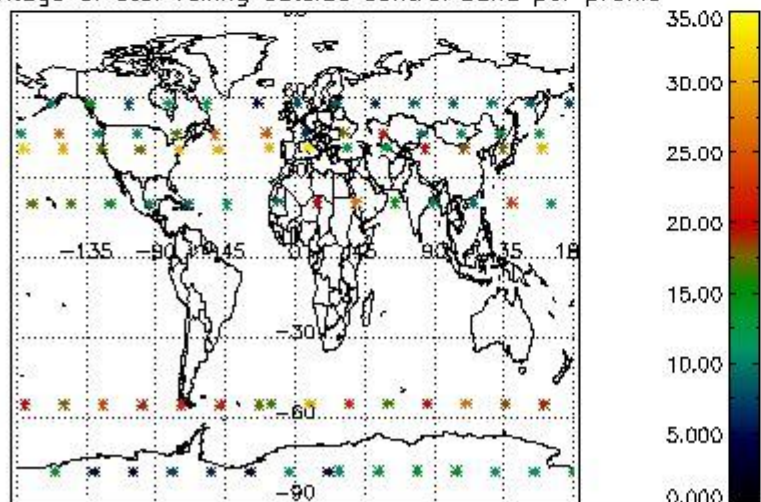
Percentage of cosmic ray hits per profile



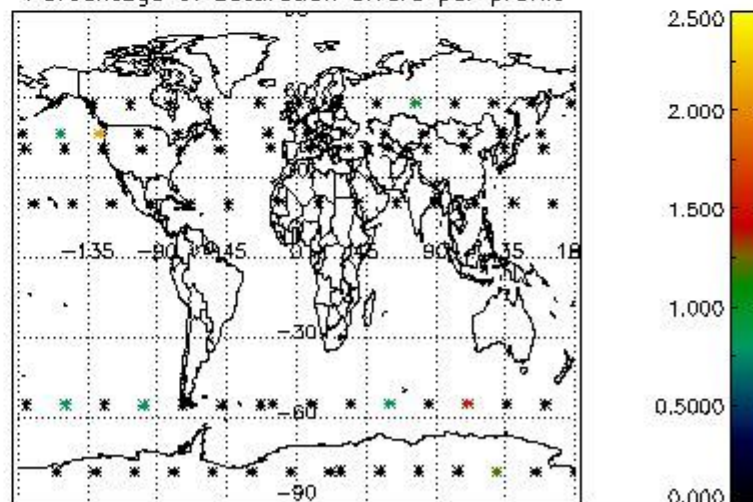
Percentage of datation errors per profile



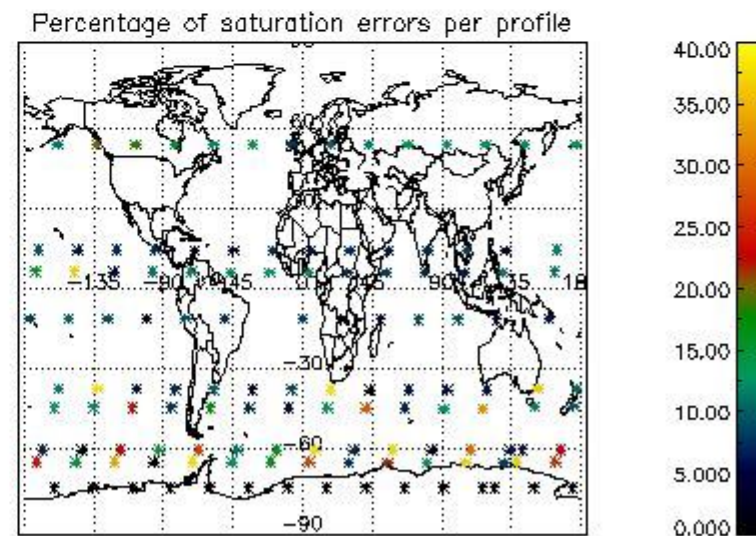
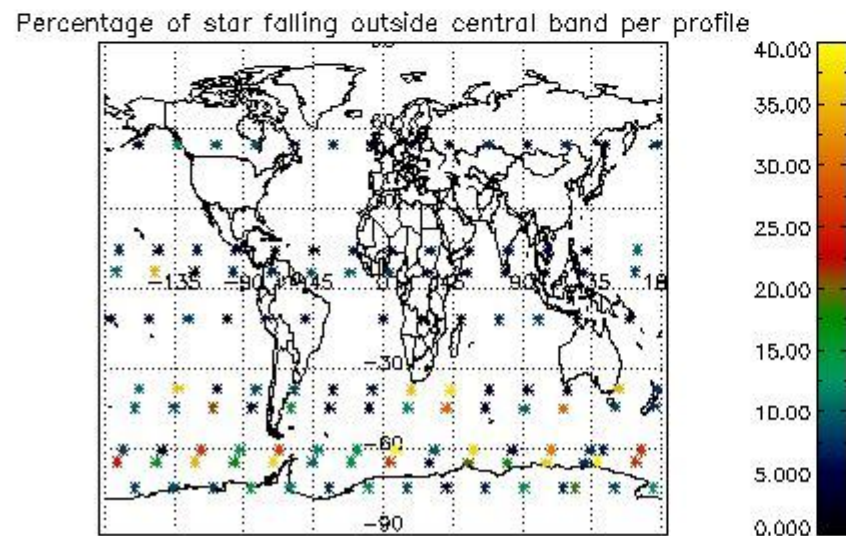
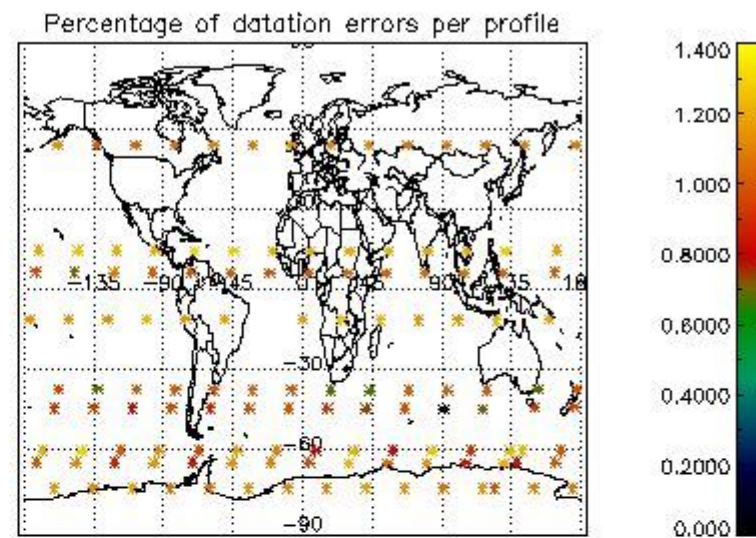
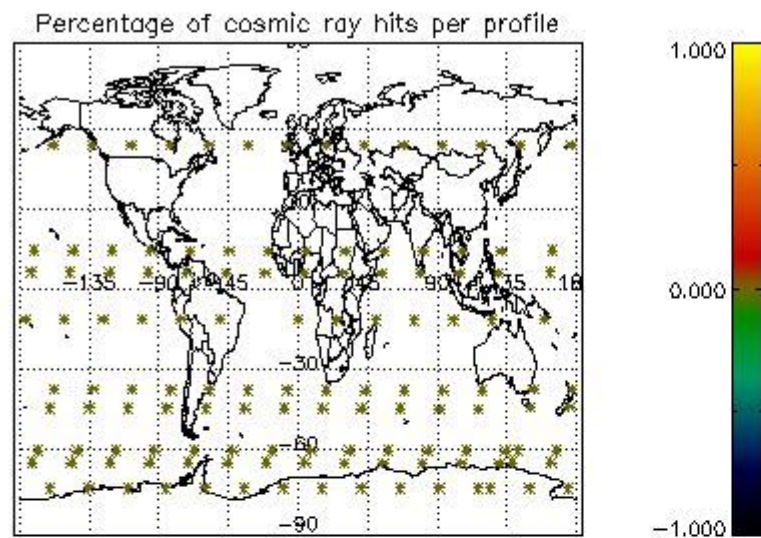
Percentage of star falling outside central band per profile



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

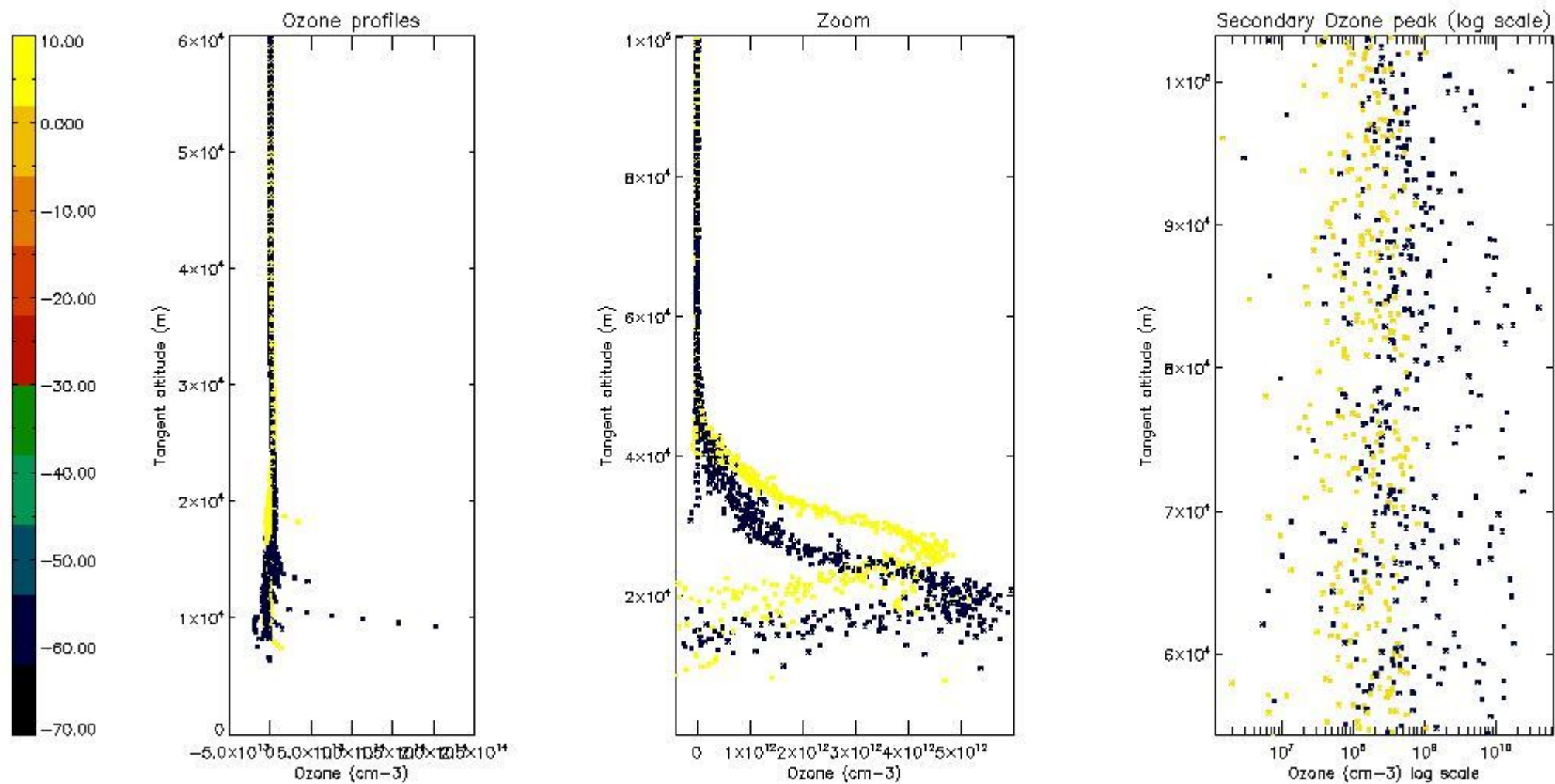
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	16
STD < 20	4

STD < 10	2
STD < 5	0

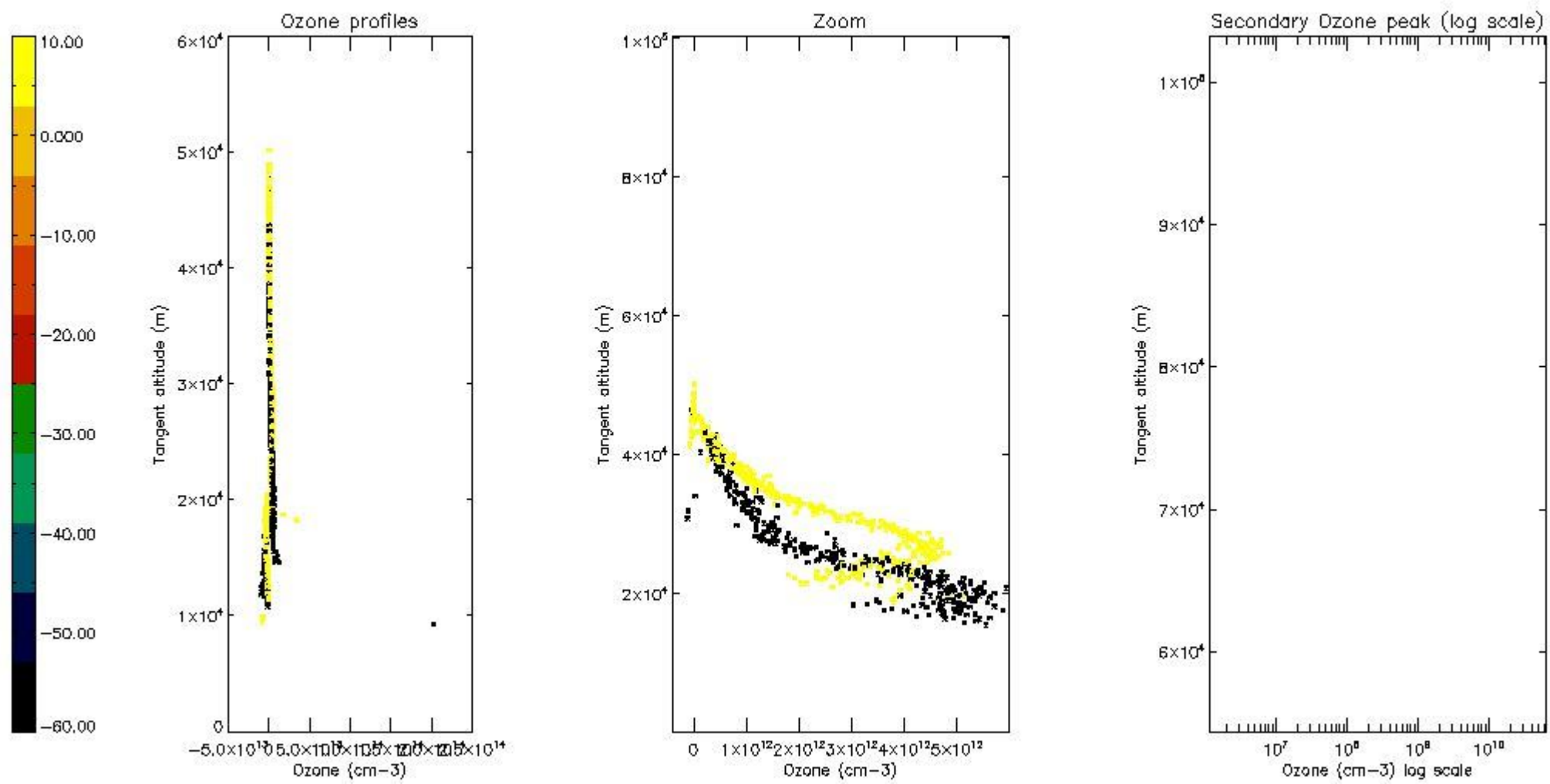
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



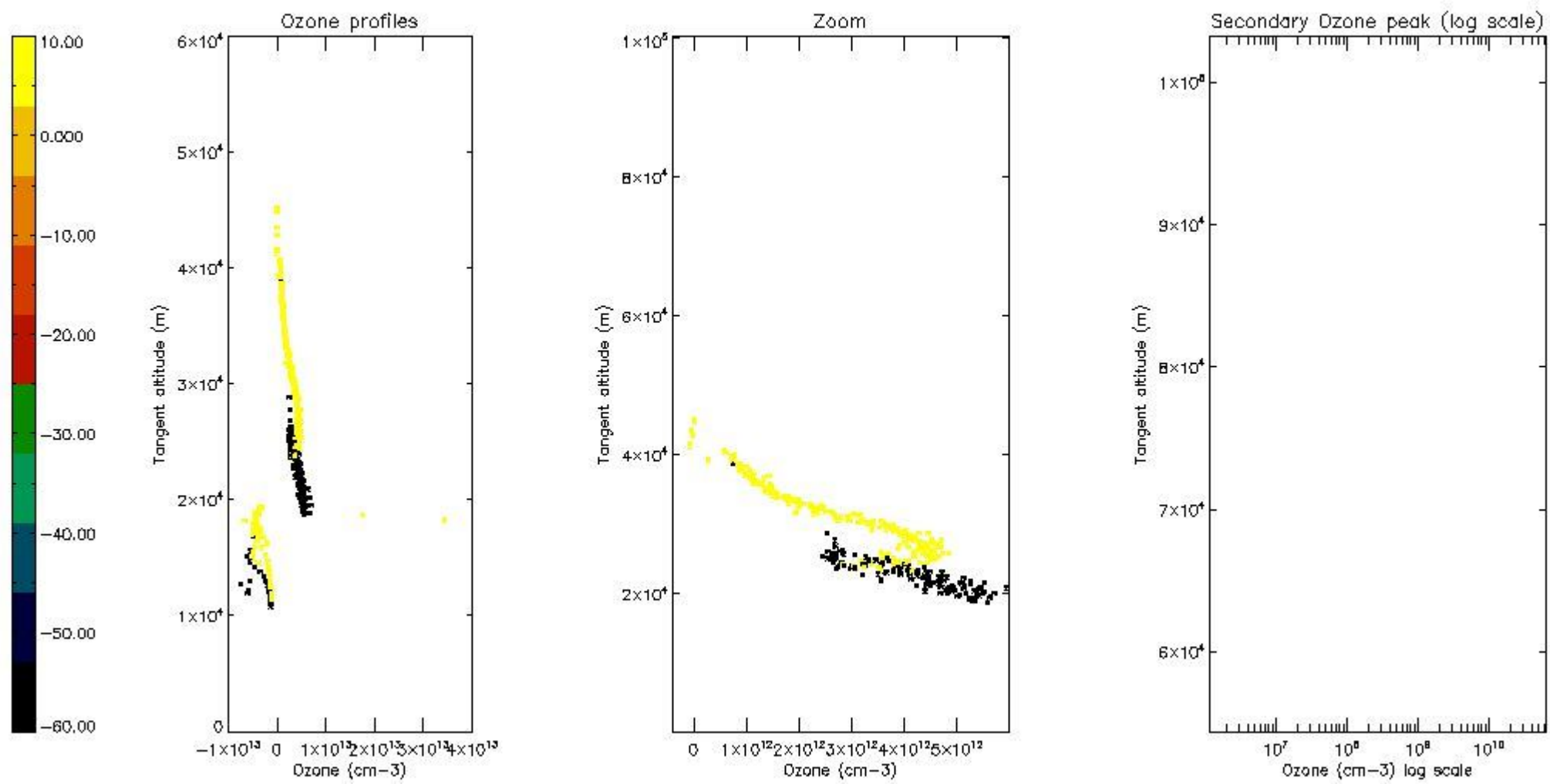
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



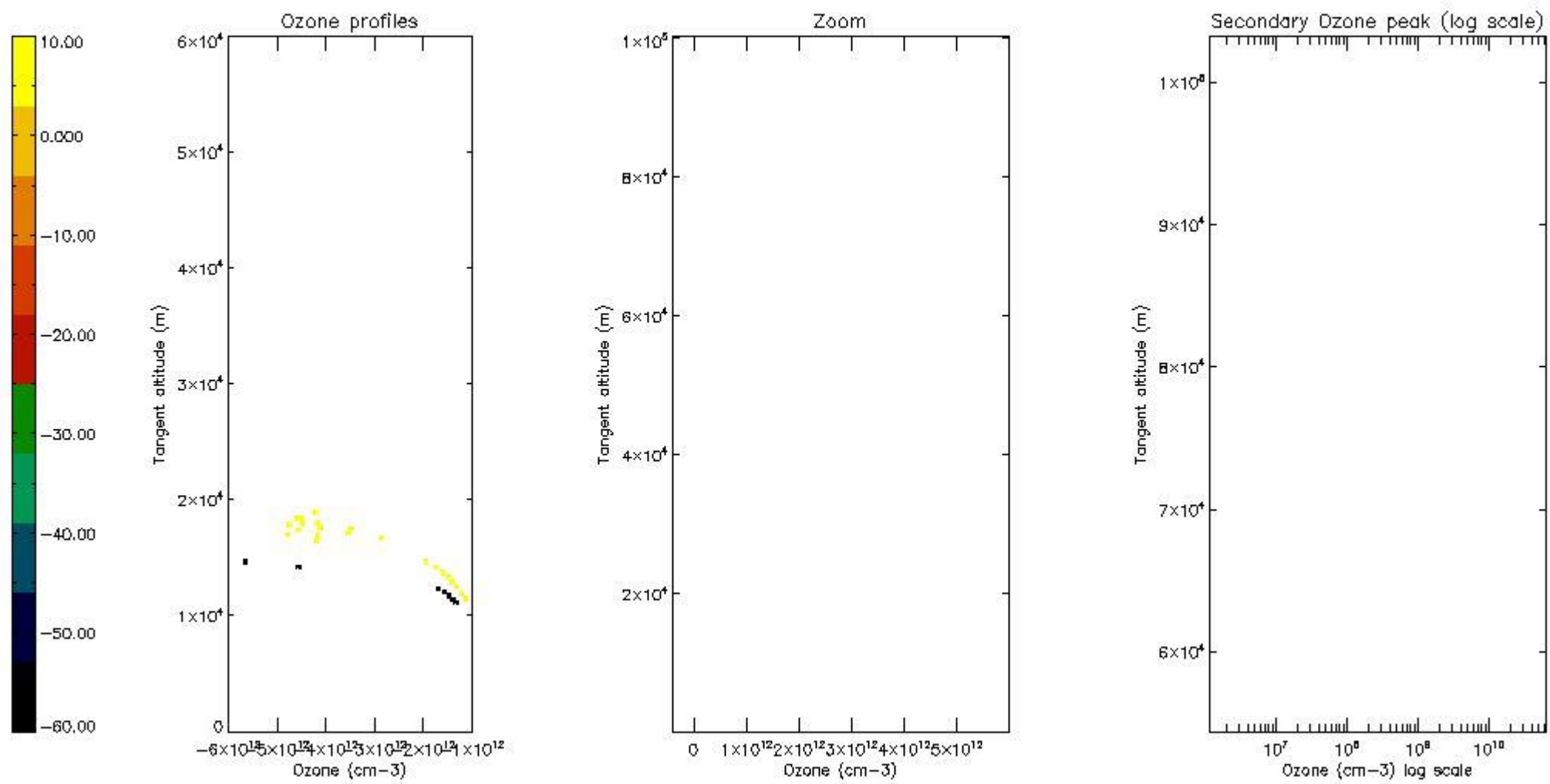
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



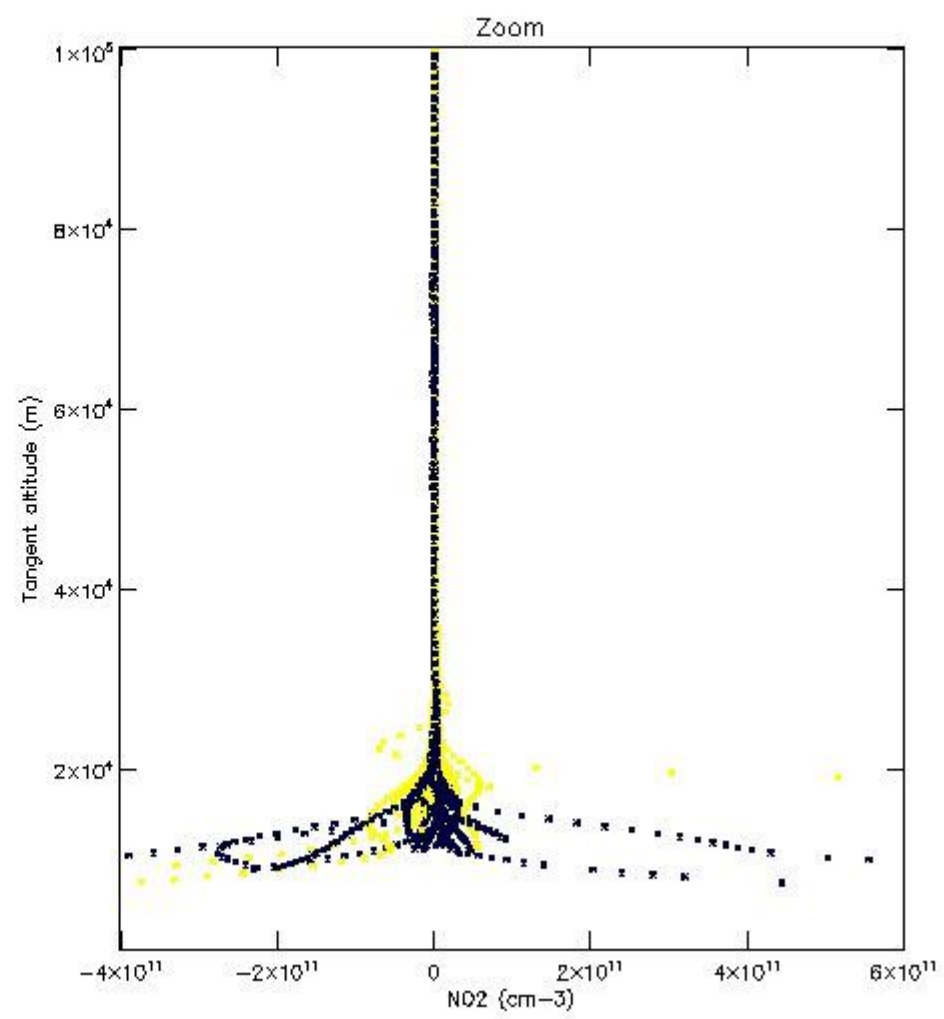
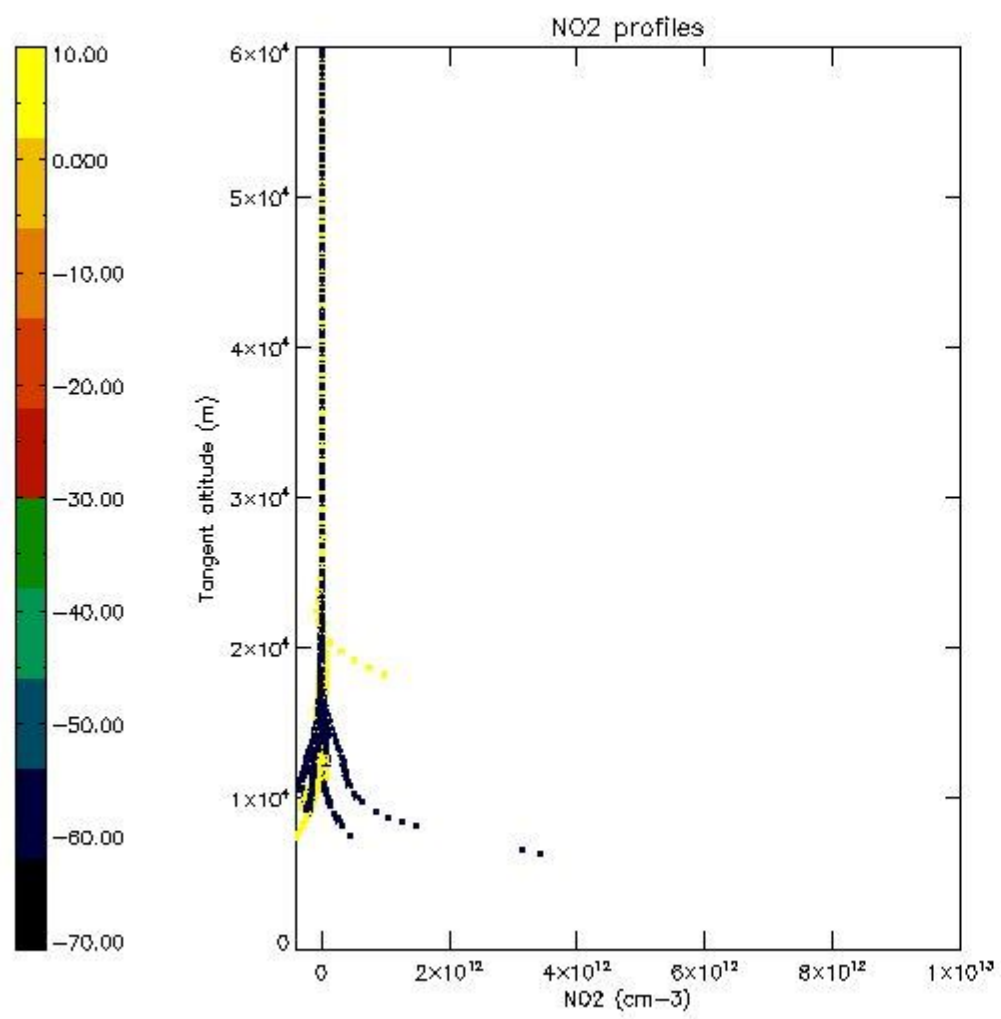
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



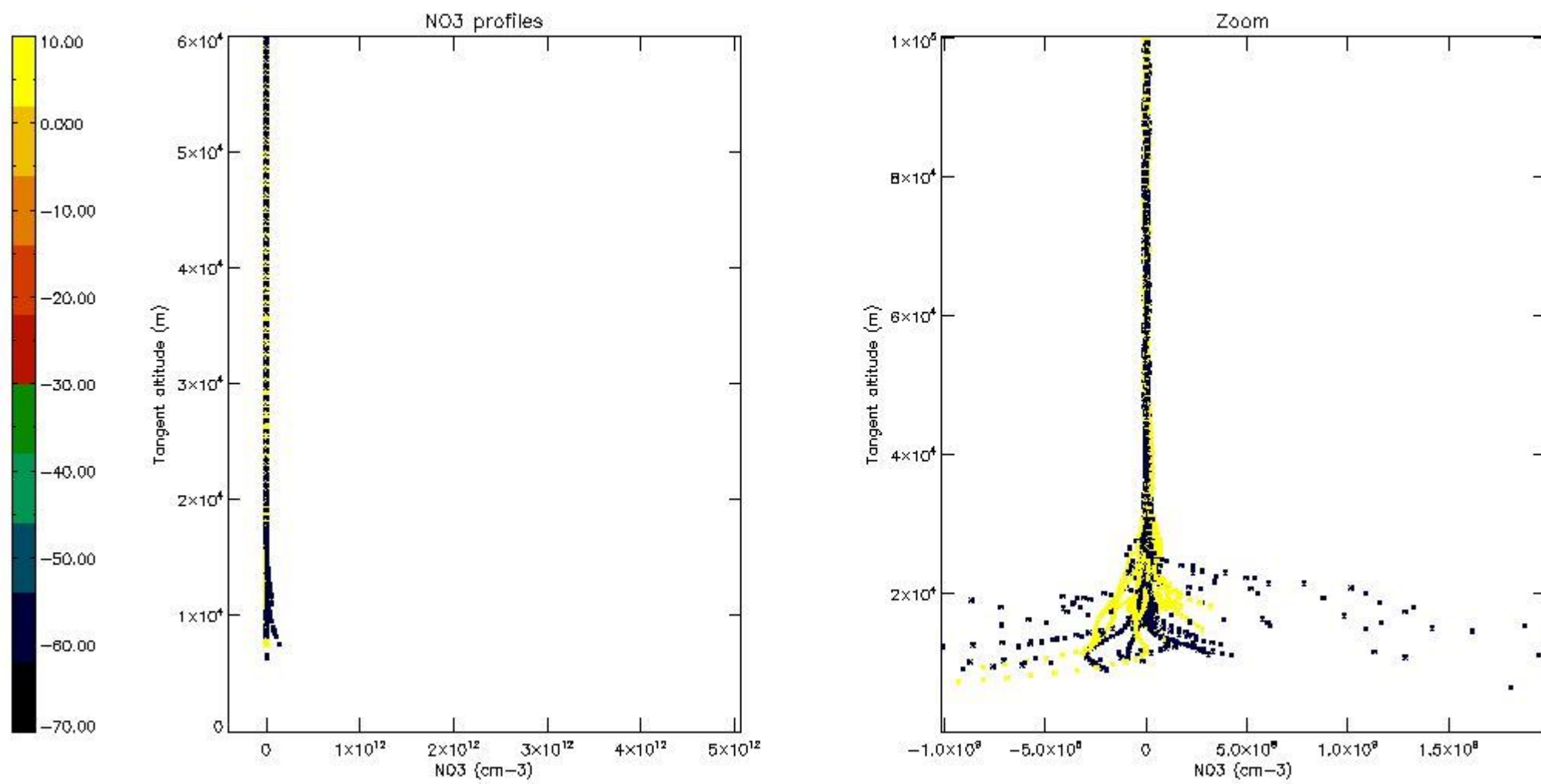
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



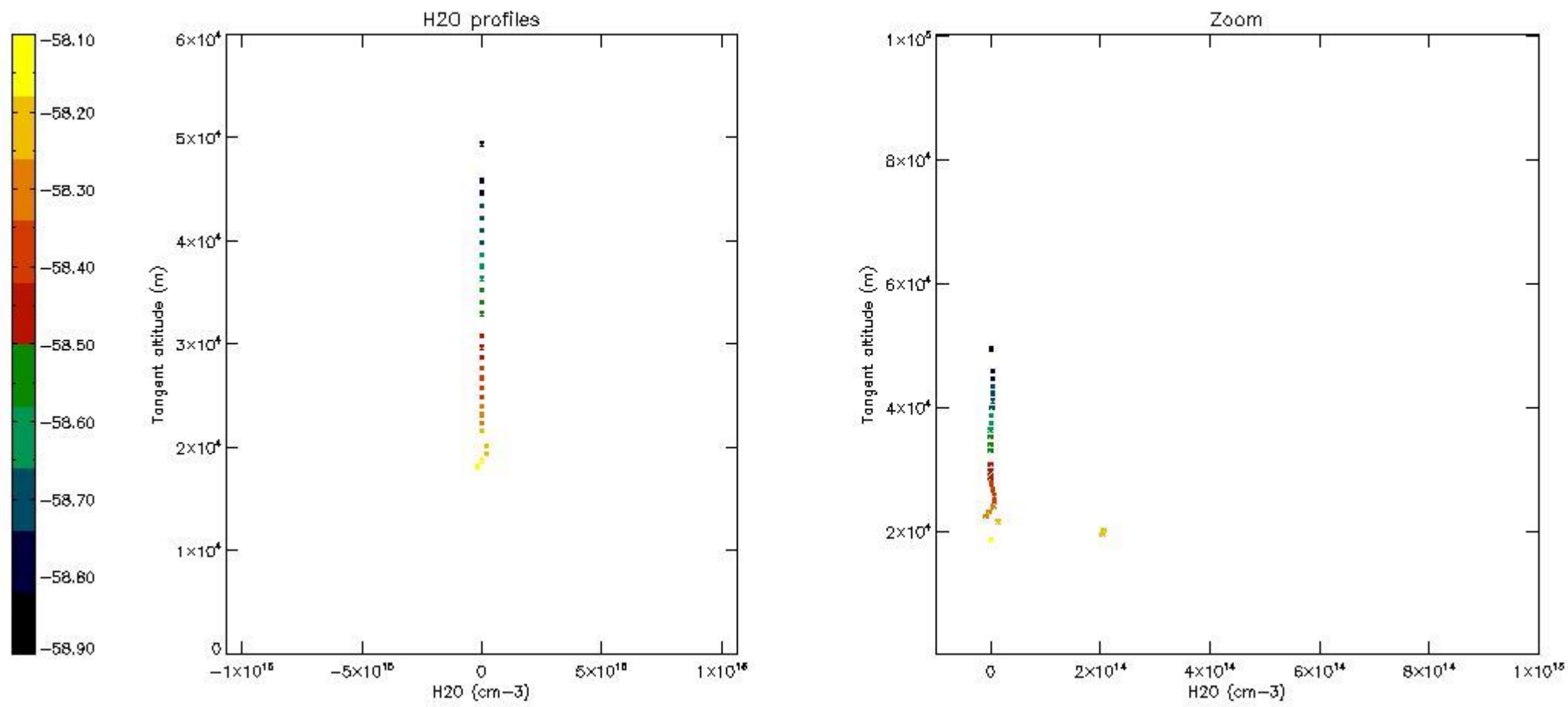
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	16-JUL-2009 00:04:18
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-JUL-2009 00:04:18
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-JUL-2009 00:04:18

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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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 10:53:26
Data source version	GOMOS/6.01
Start time of products	16-07-2009 (16JUL2009 00:00:00)
Stop time of products	17-07-2009 (17JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	214
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__2PRFIN20090716_000418_000000412080_00431_38561_0812.N1	16-JUL-2009 00:04:18	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	38561	No
2	GOM_NL__2PRFIN20090716_000539_000000412080_00431_38561_0813.N1	16-JUL-2009 00:05:39	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	38561	No
3	GOM_NL__2PRFIN20090716_000835_000000442080_00431_38561_0814.N1	16-JUL-2009 00:08:35	Bright	44.000	79	26Bet Per	2.3100	13100.	88	38561	No
4	GOM_NL__2PRFIN20090716_001403_000000402080_00431_38561_0815.N1	16-JUL-2009 00:14:03	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	38561	No
5	GOM_NL__2PRFIN20090716_002159_000000592080_00431_38561_0816.N1	16-JUL-2009 00:21:59	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	38561	No
6	GOM_NL__2PRFIN20090716_004309_000000552080_00432_38562_0816.N1	16-JUL-2009 00:43:09	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	38562	No
7	GOM_NL__2PRFIN20090716_004856_000000652080_00432_38562_0817.N1	16-JUL-2009 00:48:56	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	38562	No
8	GOM_NL__2PRFIN20090716_005032_000000572080_00432_38562_0818.N1	16-JUL-2009 00:50:32	Straylight	57.000	31	Alp Gru	1.7340	15200.	114	38562	No
9	GOM_NL__2PRFIN20090716_005345_000000552080_00432_38562_0819.N1	16-JUL-2009 00:53:45	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	38562	No
10	GOM_NL__2PRFIN20090716_011239_000000462080_00432_38562_0820.N1	16-JUL-2009 01:12:39	Bright	45.500	11	53Alp Aql	0.76500	8000.0	91	38562	No
11	GOM_NL__2PRFIN20090716_012350_000000402080_00432_38562_0821.N1	16-JUL-2009 01:23:50	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	38562	No
12	GOM_NL__2PRFIN20090716_012610_000000502080_00432_38562_0822.N1	16-JUL-2009 01:26:10	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	38562	No
13	GOM_NL__2PRFIN20090716_013102_000000412080_00432_38562_0823.N1	16-JUL-2009 01:31:02	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38562	No
14	GOM_NL__2PRFIN20090716_013828_000000502080_00432_38562_0824.N1	16-JUL-2009 01:38:28	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38562	No
15	GOM_NL__2PRFIN20090716_014024_000000702080_00432_38562_0825.N1	16-JUL-2009 01:40:24	Bright	70.000	68	18Alp Cas	2.2250	4500.0	140	38562	No
16	GOM_NL__2PRFIN20090716_014453_000000552080_00432_38562_0826.N1	16-JUL-2009 01:44:53	Bright	55.000	160	23Gam Per	2.9300	4700.0	110	38562	No
17	GOM_NL__2PRFIN20090716_014614_000000602080_00432_38562_0827.N1	16-JUL-2009 01:46:14	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	38562	No
18	GOM_NL__2PRFIN20090716_014911_000000472080_00432_38562_0828.N1	16-JUL-2009 01:49:11	Bright	47.000	79	26Bet Per	2.3100	13100.	94	38562	No
19	GOM_NL__2PRFIN20090716_015439_000000422080_00432_38562_0829.N1	16-JUL-2009 01:54:39	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	38562	No
20	GOM_NL__2PRFIN20090716_020236_000000632080_00432_38562_0830.N1	16-JUL-2009 02:02:36	Dark	63.000	94	92Alp Cet	2.5260	3100.0	126	38562	No
21	GOM_NL__2PRFIN20090716_022346_000000532080_00433_38563_0831.N1	16-JUL-2009 02:23:46	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	38563	No
22	GOM_NL__2PRFIN20090716_022933_000000642080_00433_38563_0832.N1	16-JUL-2009 02:29:33	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	38563	No
23	GOM_NL__2PRFIN20090716_023109_000000512080_00433_38563_0833.N1	16-JUL-2009 02:31:09	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	38563	No
24	GOM_NL__2PRFIN20090716_023422_000000542080_00433_38563_0834.N1	16-JUL-2009 02:34:22	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	38563	No
25	GOM_NL__2PRFIN20090716_025314_000000472080_00433_38563_0835.N1	16-JUL-2009 02:53:14	Bright	47.000	11	53Alp Aql	0.76500	8000.0	94	38563	No
26	GOM_NL__2PRFIN20090716_030425_000000422080_00433_38563_0836.N1	16-JUL-2009 03:04:25	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	38563	No
27	GOM_NL__2PRFIN20090716_030645_000000472080_00433_38563_0837.N1	16-JUL-2009 03:06:45	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	38563	No
28	GOM_NL__2PRFIN20090716_031137_000000442080_00433_38563_0838.N1	16-JUL-2009 03:11:37	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38563	No
29	GOM_NL__2PRFIN20090716_031903_000000502080_00433_38563_0839.N1	16-JUL-2009 03:19:03	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38563	No
30	GOM_NL__2PRFIN20090716_032059_000000552080_00433_38563_0840.N1	16-JUL-2009 03:20:59	Bright	54.500	68	18Alp Cas	2.2250	4500.0	109	38563	No
31	GOM_NL__2PRFIN20090716_032529_000000402080_00433_38563_0841.N1	16-JUL-2009 03:25:29	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	38563	No
32	GOM_NL__2PRFIN20090716_032650_000000442080_00433_38563_0842.N1	16-JUL-2009 03:26:50	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	38563	No
33	GOM_NL__2PRFIN20090716_032947_000000442080_00433_38563_0843.N1	16-JUL-2009 03:29:47	Bright	43.500	79	26Bet Per	2.3100	13100.	87	38563	No
34	GOM_NL__2PRFIN20090716_033515_000000392080_00433_38563_0844.N1	16-JUL-2009 03:35:15	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	38563	No
35	GOM_NL__2PRFIN20090716_034313_000000642080_00433_38563_0845.N1	16-JUL-2009 03:43:13	Dark	63.500	94	92Alp Cet	2.5260	3100.0	127	38563	No
36	GOM_NL__2PRFIN20090716_040423_000000532080_00434_38564_0841.N1	16-JUL-2009 04:04:23	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	38564	No
37	GOM_NL__2PRFIN20090716_041009_000000542080_00434_38564_0842.N1	16-JUL-2009 04:10:09	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38564	No
38	GOM_NL__2PRFIN20090716_041146_000000482080_00434_38564_0843.N1	16-JUL-2009 04:11:46	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38564	No
39	GOM_NL__2PRFIN20090716_041458_000000522080_00434_38564_0844.N1	16-JUL-2009 04:14:58	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	38564	No
40	GOM_NL__2PRFIN20090716_043350_000000472080_00434_38564_0845.N1	16-JUL-2009 04:33:50	Bright	46.500	11	53Alp Aql	0.76500	8000.0	93	38564	No
41	GOM_NL__2PRFIN20090716_044501_000000422080_00434_38564_0846.N1	16-JUL-2009 04:45:01	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	38564	No
42	GOM_NL__2PRFIN20090716_044720_000000482080_00434_38564_0847.N1	16-JUL-2009 04:47:20	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	38564	No

43	GOM_NL__2PRFIN20090716_045212_000000442080_00434_38564_0848.N1	16-JUL-2009 04:52:12	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38564	No
44	GOM_NL__2PRFIN20090716_045938_000000502080_00434_38564_0849.N1	16-JUL-2009 04:59:38	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38564	No
45	GOM_NL__2PRFIN20090716_050134_000000522080_00434_38564_0850.N1	16-JUL-2009 05:01:34	Bright	51.500	68	18Alp Cas	2.2250	4500.0	103	38564	No
46	GOM_NL__2PRFIN20090716_050605_000000612080_00434_38564_0851.N1	16-JUL-2009 05:06:05	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	38564	No
47	GOM_NL__2PRFIN20090716_050726_000000492080_00434_38564_0852.N1	16-JUL-2009 05:07:26	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	38564	No
48	GOM_NL__2PRFIN20090716_051023_000000432080_00434_38564_0853.N1	16-JUL-2009 05:10:23	Bright	43.000	79	26Bet Per	2.3100	13100.	86	38564	No
49	GOM_NL__2PRFIN20090716_051551_000000412080_00434_38564_0854.N1	16-JUL-2009 05:15:51	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	38564	No
50	GOM_NL__2PRFIN20090716_052349_000000612080_00434_38564_0855.N1	16-JUL-2009 05:23:49	Dark	60.500	94	92Alp Cet	2.5260	3100.0	121	38564	No
51	GOM_NL__2PRFIN20090716_054500_000000562080_00435_38565_0861.N1	16-JUL-2009 05:45:00	Dark	55.500	84	Alp Phe	2.3970	4500.0	111	38565	No
52	GOM_NL__2PRFIN20090716_055047_000000532080_00435_38565_0862.N1	16-JUL-2009 05:50:47	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38565	No
53	GOM_NL__2PRFIN20090716_055222_000000472080_00435_38565_0863.N1	16-JUL-2009 05:52:22	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38565	No
54	GOM_NL__2PRFIN20090716_055535_000000552080_00435_38565_0864.N1	16-JUL-2009 05:55:35	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	38565	No
55	GOM_NL__2PRFIN20090716_061426_000000472080_00435_38565_0865.N1	16-JUL-2009 06:14:26	Bright	47.000	11	53Alp Aql	0.76500	8000.0	94	38565	No
56	GOM_NL__2PRFIN20090716_062536_000000412080_00435_38565_0866.N1	16-JUL-2009 06:25:36	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	38565	No
57	GOM_NL__2PRFIN20090716_062756_000000492080_00435_38565_0867.N1	16-JUL-2009 06:27:56	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	38565	No
58	GOM_NL__2PRFIN20090716_063248_000000412080_00435_38565_0868.N1	16-JUL-2009 06:32:48	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38565	No
59	GOM_NL__2PRFIN20090716_064014_000000742080_00435_38565_0869.N1	16-JUL-2009 06:40:14	Bright	74.000	74	11Bet Cas	2.2680	6600.0	148	38565	No
60	GOM_NL__2PRFIN20090716_064210_000000682080_00435_38565_0870.N1	16-JUL-2009 06:42:10	Bright	68.000	68	18Alp Cas	2.2250	4500.0	136	38565	No
61	GOM_NL__2PRFIN20090716_064641_000000422080_00435_38565_0871.N1	16-JUL-2009 06:46:41	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	38565	No
62	GOM_NL__2PRFIN20090716_064802_000000412080_00435_38565_0872.N1	16-JUL-2009 06:48:02	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	38565	No
63	GOM_NL__2PRFIN20090716_065059_000000452080_00435_38565_0873.N1	16-JUL-2009 06:50:59	Bright	45.000	79	26Bet Per	2.3100	13100.	90	38565	No
64	GOM_NL__2PRFIN20090716_065628_000000412080_00435_38565_0874.N1	16-JUL-2009 06:56:28	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	38565	No
65	GOM_NL__2PRFIN20090716_070426_000000652080_00435_38565_0875.N1	16-JUL-2009 07:04:26	Dark	65.000	94	92Alp Cet	2.5260	3100.0	130	38565	No
66	GOM_NL__2PRFIN20090716_072537_000000572080_00436_38566_0897.N1	16-JUL-2009 07:25:37	Dark	57.000	84	Alp Phe	2.3970	4500.0	114	38566	No
67	GOM_NL__2PRFIN20090716_073123_000000632080_00436_38566_0898.N1	16-JUL-2009 07:31:23	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	38566	No
68	GOM_NL__2PRFIN20090716_073259_000000572080_00436_38566_0899.N1	16-JUL-2009 07:32:59	Straylight	57.000	31	Alp Gru	1.7340	15200.	114	38566	No
69	GOM_NL__2PRFIN20090716_073612_000000512080_00436_38566_0900.N1	16-JUL-2009 07:36:12	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	38566	No
70	GOM_NL__2PRFIN20090716_075501_000000452080_00436_38566_0901.N1	16-JUL-2009 07:55:01	Bright	45.000	11	53Alp Aql	0.76500	8000.0	90	38566	No
71	GOM_NL__2PRFIN20090716_080612_000000422080_00436_38566_0902.N1	16-JUL-2009 08:06:12	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	38566	No
72	GOM_NL__2PRFIN20090716_080831_000000492080_00436_38566_0903.N1	16-JUL-2009 08:08:31	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	38566	No
73	GOM_NL__2PRFIN20090716_081323_000000402080_00436_38566_0904.N1	16-JUL-2009 08:13:23	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38566	No
74	GOM_NL__2PRFIN20090716_082049_000000742080_00436_38566_0905.N1	16-JUL-2009 08:20:49	Bright	74.000	74	11Bet Cas	2.2680	6600.0	148	38566	No
75	GOM_NL__2PRFIN20090716_082245_000000552080_00436_38566_0906.N1	16-JUL-2009 08:22:45	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	38566	No
76	GOM_NL__2PRFIN20090716_082717_000000612080_00436_38566_0907.N1	16-JUL-2009 08:27:17	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	38566	No
77	GOM_NL__2PRFIN20090716_082838_000000522080_00436_38566_0908.N1	16-JUL-2009 08:28:38	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38566	No
78	GOM_NL__2PRFIN20090716_083135_000000452080_00436_38566_0909.N1	16-JUL-2009 08:31:35	Bright	45.000	79	26Bet Per	2.3100	13100.	90	38566	No
79	GOM_NL__2PRFIN20090716_083704_000000402080_00436_38566_0910.N1	16-JUL-2009 08:37:04	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	38566	No
80	GOM_NL__2PRFIN20090716_084503_000000592080_00436_38566_0911.N1	16-JUL-2009 08:45:03	Dark	59.000	94	92Alp Cet	2.5260	3100.0	118	38566	No
81	GOM_NL__2PRFIN20090716_090614_000000582080_00437_38567_0911.N1	16-JUL-2009 09:06:14	Dark	57.500	84	Alp Phe	2.3970	4500.0	115	38567	No
82	GOM_NL__2PRFIN20090716_091200_000000652080_00437_38567_0912.N1	16-JUL-2009 09:12:00	Straylight	65.000	63	Bet Gru	2.1500	2800.0	130	38567	No
83	GOM_NL__2PRFIN20090716_091336_000000492080_00437_38567_0913.N1	16-JUL-2009 09:13:36	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	38567	No
84	GOM_NL__2PRFIN20090716_091649_000000512080_00437_38567_0914.N1	16-JUL-2009 09:16:49	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	38567	No
85	GOM_NL__2PRFIN20090716_093537_000000452080_00437_38567_0915.N1	16-JUL-2009 09:35:37	Bright	44.500	11	53Alp Aql	0.76500	8000.0	89	38567	No
86	GOM_NL__2PRFIN20090716_094647_000000422080_00437_38567_0916.N1	16-JUL-2009 09:46:47	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	38567	No
87	GOM_NL__2PRFIN20090716_094906_000000512080_00437_38567_0917.N1	16-JUL-2009 09:49:06	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	38567	No
88	GOM_NL__2PRFIN20090716_095358_000000432080_00437_38567_0918.N1	16-JUL-2009 09:53:58	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38567	No
89	GOM_NL__2PRFIN20090716_100124_000000512080_00437_38567_0919.N1	16-JUL-2009 10:01:24	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38567	No
90	GOM_NL__2PRFIN20090716_100320_000000512080_00437_38567_0920.N1	16-JUL-2009 10:03:20	Bright	51.000	68	18Alp Cas	2.2250	4500.0	102	38567	No
91	GOM_NL__2PRFIN20090716_100752_000000462080_00437_38567_0921.N1	16-JUL-2009 10:07:52	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	38567	No
92	GOM_NL__2PRFIN20090716_100914_000000462080_00437_38567_0922.N1	16-JUL-2009 10:09:14	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	38567	No
93	GOM_NL__2PRFIN20090716_101211_000000442080_00437_38567_0923.N1	16-JUL-2009 10:12:11	Bright	44.000	79	26Bet Per	2.3100	13100.	88	38567	No
94	GOM_NL__2PRFIN20090716_101740_000000412080_00437_38567_0924.N1	16-JUL-2009 10:17:40	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	38567	No
95	GOM_NL__2PRFIN20090716_102540_000000602080_00437_38567_0925.N1	16-JUL-2009 10:25:40	Dark	60.000	94	92Alp Cet	2.5260	3100.0	120	38567	No
96	GOM_NL__2PRFIN20090716_104651_000000542080_00438_38568_0921.N1	16-JUL-2009 10:46:51	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	38568	No
97	GOM_NL__2PRFIN20090716_105237_000000632080_00438_38568_0922.N1	16-JUL-2009 10:52:37	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	38568	No
98	GOM_NL__2PRFIN20090716_105412_000000492080_00438_38568_0923.N1	16-JUL-2009 10:54:12	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	38568	No
99	GOM_NL__2PRFIN20090716_105725_000000522080_00438_38568_0924.N1	16-JUL-2009 10:57:25	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	38568	No
100	GOM_NL__2PRFIN20090716_111612_000000442080_00438_38568_0925.N1	16-JUL-2009 11:16:12	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	38568	No
101	GOM_NL__2PRFIN20090716_112723_000000422080_00438_38568_0926.N1	16-JUL-2009 11:27:23	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	38568	No

102	GOM_NL__2PRFIN20090716_112941_000000522080_00438_38568_0927.N1	16-JUL-2009 11:29:41	Bright	51.500	19	50Alp Cyg	1.2460	10500.	103	38568	No
103	GOM_NL__2PRFIN20090716_114159_000000492080_00438_38568_0928.N1	16-JUL-2009 11:41:59	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38568	No
104	GOM_NL__2PRFIN20090716_114356_000000512080_00438_38568_0929.N1	16-JUL-2009 11:43:56	Bright	51.000	68	18Alp Cas	2.2250	4500.0	102	38568	No
105	GOM_NL__2PRFIN20090716_114828_000000432080_00438_38568_0930.N1	16-JUL-2009 11:48:28	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	38568	No
106	GOM_NL__2PRFIN20090716_114950_000000442080_00438_38568_0931.N1	16-JUL-2009 11:49:50	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	38568	No
107	GOM_NL__2PRFIN20090716_115247_000000472080_00438_38568_0932.N1	16-JUL-2009 11:52:47	Bright	46.500	79	26Bet Per	2.3100	13100.	93	38568	No
108	GOM_NL__2PRFIN20090716_115816_000000432080_00438_38568_0933.N1	16-JUL-2009 11:58:16	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	38568	No
109	GOM_NL__2PRFIN20090716_120616_000000612080_00438_38568_0934.N1	16-JUL-2009 12:06:16	Dark	60.500	94	92Alp Cet	2.5260	3100.0	121	38568	No
110	GOM_NL__2PRFIN20090716_122728_000000632080_00439_38569_0939.N1	16-JUL-2009 12:27:28	Dark	62.500	84	Alp Phe	2.3970	4500.0	125	38569	No
111	GOM_NL__2PRFIN20090716_123314_000000542080_00439_38569_0940.N1	16-JUL-2009 12:33:14	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38569	No
112	GOM_NL__2PRFIN20090716_123449_000000482080_00439_38569_0941.N1	16-JUL-2009 12:34:49	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38569	No
113	GOM_NL__2PRFIN20090716_123802_000000522080_00439_38569_0942.N1	16-JUL-2009 12:38:02	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	38569	No
114	GOM_NL__2PRFIN20090716_125648_000000472080_00439_38569_0943.N1	16-JUL-2009 12:56:48	Bright	46.500	11	53Alp Aql	0.76500	8000.0	93	38569	No
115	GOM_NL__2PRFIN20090716_130758_000000402080_00439_38569_0944.N1	16-JUL-2009 13:07:58	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	38569	No
116	GOM_NL__2PRFIN20090716_131016_000000512080_00439_38569_0945.N1	16-JUL-2009 13:10:16	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	38569	No
117	GOM_NL__2PRFIN20090716_131509_000000432080_00439_38569_0946.N1	16-JUL-2009 13:15:09	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38569	No
118	GOM_NL__2PRFIN20090716_132234_000000512080_00439_38569_0947.N1	16-JUL-2009 13:22:34	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38569	No
119	GOM_NL__2PRFIN20090716_132431_000000582080_00439_38569_0948.N1	16-JUL-2009 13:24:31	Bright	57.500	68	18Alp Cas	2.2250	4500.0	115	38569	No
120	GOM_NL__2PRFIN20090716_132904_000000522080_00439_38569_0949.N1	16-JUL-2009 13:29:04	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	38569	No
121	GOM_NL__2PRFIN20090716_133025_000000602080_00439_38569_0950.N1	16-JUL-2009 13:30:25	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	38569	No
122	GOM_NL__2PRFIN20090716_133322_000000472080_00439_38569_0951.N1	16-JUL-2009 13:33:22	Bright	47.000	79	26Bet Per	2.3100	13100.	94	38569	No
123	GOM_NL__2PRFIN20090716_133852_000000442080_00439_38569_0952.N1	16-JUL-2009 13:38:52	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	38569	No
124	GOM_NL__2PRFIN20090716_134653_000000602080_00439_38569_0953.N1	16-JUL-2009 13:46:53	Dark	60.000	94	92Alp Cet	2.5260	3100.0	120	38569	No
125	GOM_NL__2PRFIN20090716_140806_000000532080_00440_38570_0953.N1	16-JUL-2009 14:08:06	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	38570	No
126	GOM_NL__2PRFIN20090716_141351_000000532080_00440_38570_0954.N1	16-JUL-2009 14:13:51	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38570	No
127	GOM_NL__2PRFIN20090716_141526_000000482080_00440_38570_0955.N1	16-JUL-2009 14:15:26	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38570	No
128	GOM_NL__2PRFIN20090716_141838_000000522080_00440_38570_0956.N1	16-JUL-2009 14:18:38	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	38570	No
129	GOM_NL__2PRFIN20090716_143723_000000462080_00440_38570_0957.N1	16-JUL-2009 14:37:23	Bright	45.500	11	53Alp Aql	0.76500	8000.0	91	38570	No
130	GOM_NL__2PRFIN20090716_144834_000000392080_00440_38570_0958.N1	16-JUL-2009 14:48:34	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	38570	No
131	GOM_NL__2PRFIN20090716_145051_000000512080_00440_38570_0959.N1	16-JUL-2009 14:50:51	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	38570	No
132	GOM_NL__2PRFIN20090716_145544_000000442080_00440_38570_0960.N1	16-JUL-2009 14:55:44	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38570	No
133	GOM_NL__2PRFIN20090716_150310_000000502080_00440_38570_0961.N1	16-JUL-2009 15:03:10	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38570	No
134	GOM_NL__2PRFIN20090716_150506_000000522080_00440_38570_0962.N1	16-JUL-2009 15:05:06	Bright	52.000	68	18Alp Cas	2.2250	4500.0	104	38570	No
135	GOM_NL__2PRFIN20090716_150940_000000452080_00440_38570_0963.N1	16-JUL-2009 15:09:40	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	38570	No
136	GOM_NL__2PRFIN20090716_151101_000000442080_00440_38570_0964.N1	16-JUL-2009 15:11:01	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	38570	No
137	GOM_NL__2PRFIN20090716_151358_000000432080_00440_38570_0965.N1	16-JUL-2009 15:13:58	Bright	43.000	79	26Bet Per	2.3100	13100.	86	38570	No
138	GOM_NL__2PRFIN20090716_151928_000000432080_00440_38570_0966.N1	16-JUL-2009 15:19:28	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	38570	No
139	GOM_NL__2PRFIN20090716_152730_000000672080_00440_38570_0967.N1	16-JUL-2009 15:27:30	Dark	67.000	94	92Alp Cet	2.5260	3100.0	134	38570	No
140	GOM_NL__2PRFIN20090716_154843_000000542080_00441_38571_0967.N1	16-JUL-2009 15:48:43	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	38571	No
141	GOM_NL__2PRFIN20090716_155427_000000562080_00441_38571_0968.N1	16-JUL-2009 15:54:27	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	38571	No
142	GOM_NL__2PRFIN20090716_155602_000000482080_00441_38571_0969.N1	16-JUL-2009 15:56:02	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38571	No
143	GOM_NL__2PRFIN20090716_155915_000000522080_00441_38571_0970.N1	16-JUL-2009 15:59:15	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	38571	No
144	GOM_NL__2PRFIN20090716_161759_000000482080_00441_38571_0971.N1	16-JUL-2009 16:17:59	Bright	47.500	11	53Alp Aql	0.76500	8000.0	95	38571	No
145	GOM_NL__2PRFIN20090716_162909_000000422080_00441_38571_0972.N1	16-JUL-2009 16:29:09	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	38571	No
146	GOM_NL__2PRFIN20090716_163126_000000502080_00441_38571_0973.N1	16-JUL-2009 16:31:26	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	38571	No
147	GOM_NL__2PRFIN20090716_163620_000000412080_00441_38571_0974.N1	16-JUL-2009 16:36:20	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38571	No
148	GOM_NL__2PRFIN20090716_164345_000000502080_00441_38571_0975.N1	16-JUL-2009 16:43:45	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38571	No
149	GOM_NL__2PRFIN20090716_164541_000000622080_00441_38571_0976.N1	16-JUL-2009 16:45:41	Bright	62.000	68	18Alp Cas	2.2250	4500.0	124	38571	No
150	GOM_NL__2PRFIN20090716_165015_000000502080_00441_38571_0977.N1	16-JUL-2009 16:50:15	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	38571	No
151	GOM_NL__2PRFIN20090716_165137_000000582080_00441_38571_0978.N1	16-JUL-2009 16:51:37	Bright	57.500	35	33Alp Per	1.7950	6250.0	115	38571	No
152	GOM_NL__2PRFIN20090716_165434_000000452080_00441_38571_0979.N1	16-JUL-2009 16:54:34	Bright	45.000	79	26Bet Per	2.3100	13100.	90	38571	No
153	GOM_NL__2PRFIN20090716_170004_000000422080_00441_38571_0980.N1	16-JUL-2009 17:00:04	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	38571	No
154	GOM_NL__2PRFIN20090716_170807_000000622080_00441_38571_0981.N1	16-JUL-2009 17:08:07	Dark	61.500	94	92Alp Cet	2.5260	3100.0	123	38571	No
155	GOM_NL__2PRFIN20090716_172920_000000572080_00442_38572_0981.N1	16-JUL-2009 17:29:20	Dark	56.500	84	Alp Phe	2.3970	4500.0	113	38572	No
156	GOM_NL__2PRFIN20090716_173504_000000512080_00442_38572_0982.N1	16-JUL-2009 17:35:04	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	38572	No
157	GOM_NL__2PRFIN20090716_173639_000000542080_00442_38572_0983.N1	16-JUL-2009 17:36:39	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	38572	No
158	GOM_NL__2PRFIN20090716_173952_000000502080_00442_38572_0984.N1	16-JUL-2009 17:39:52	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	38572	No
159	GOM_NL__2PRFIN20090716_175835_000000492080_00442_38572_0985.N1	16-JUL-2009 17:58:35	Bright	49.000	11	53Alp Aql	0.76500	8000.0	98	38572	No
160	GOM_NL__2PRFIN20090716_180944_000000422080_00442_38572_0986.N1	16-JUL-2009 18:09:44	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	38572	No

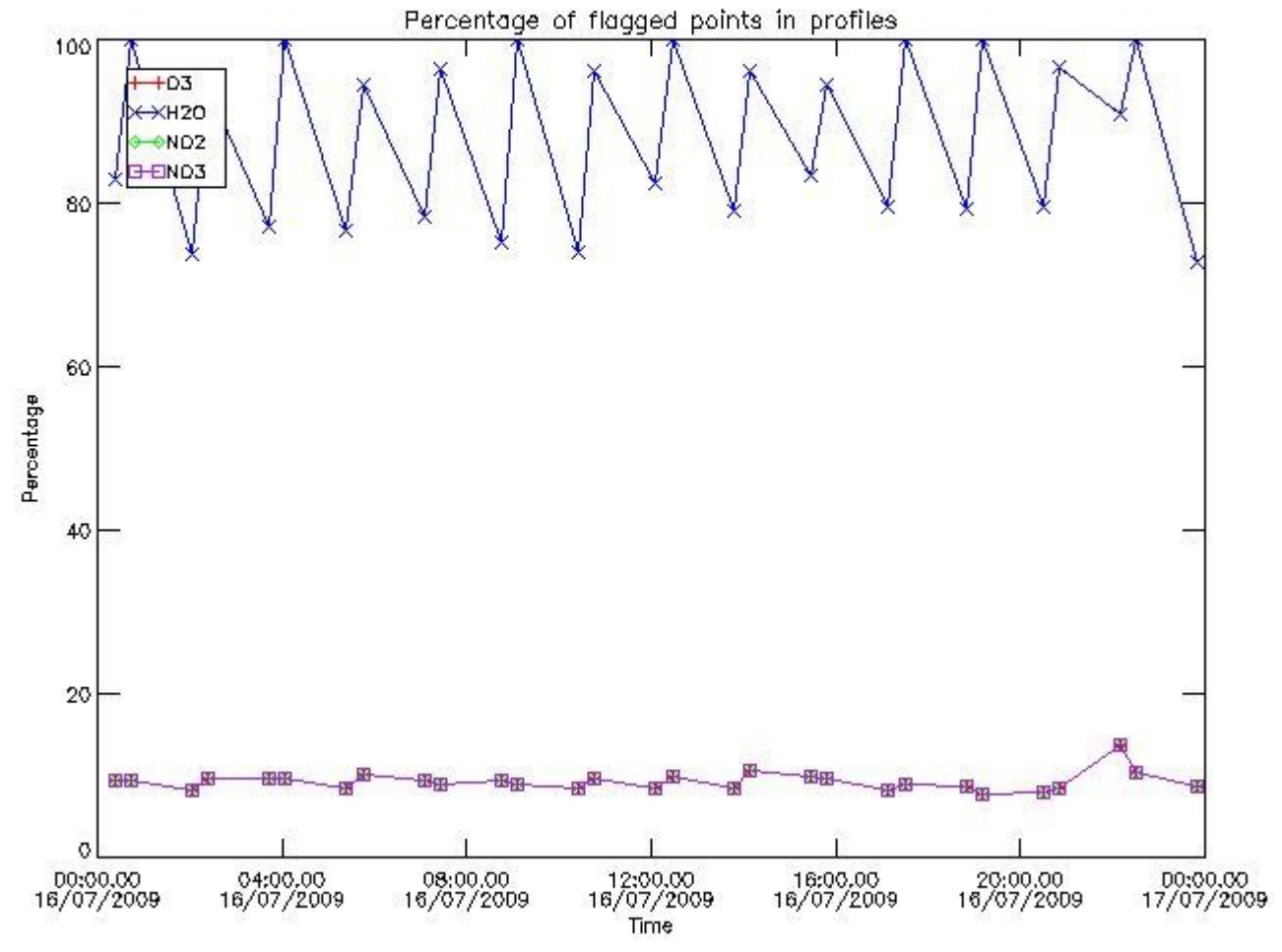
161	GOM_NL__2PRFIN20090716_181201_000000462080_00442_38572_0987.N1	16-JUL-2009 18:12:01	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	38572	No
162	GOM_NL__2PRFIN20090716_181655_000000442080_00442_38572_0988.N1	16-JUL-2009 18:16:55	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38572	No
163	GOM_NL__2PRFIN20090716_182420_000000742080_00442_38572_0989.N1	16-JUL-2009 18:24:20	Bright	74.000	74	11Bet Cas	2.2680	6600.0	148	38572	No
164	GOM_NL__2PRFIN20090716_182617_000000552080_00442_38572_0990.N1	16-JUL-2009 18:26:17	Bright	54.500	68	18Alp Cas	2.2250	4500.0	109	38572	No
165	GOM_NL__2PRFIN20090716_183051_000000392080_00442_38572_0991.N1	16-JUL-2009 18:30:51	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	38572	No
166	GOM_NL__2PRFIN20090716_183213_000000452080_00442_38572_0992.N1	16-JUL-2009 18:32:13	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	38572	No
167	GOM_NL__2PRFIN20090716_183510_000000442080_00442_38572_0993.N1	16-JUL-2009 18:35:10	Bright	43.500	79	26Bet Per	2.3100	13100.	87	38572	No
168	GOM_NL__2PRFIN20090716_184041_000000432080_00442_38572_0994.N1	16-JUL-2009 18:40:41	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	38572	No
169	GOM_NL__2PRFIN20090716_184843_000000592080_00442_38572_0995.N1	16-JUL-2009 18:48:43	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	38572	No
170	GOM_NL__2PRFIN20090716_190957_000000662080_00443_38573_0995.N1	16-JUL-2009 19:09:57	Dark	65.500	84	Alp Phe	2.3970	4500.0	131	38573	No
171	GOM_NL__2PRFIN20090716_191541_000000512080_00443_38573_0996.N1	16-JUL-2009 19:15:41	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	38573	No
172	GOM_NL__2PRFIN20090716_191715_000000522080_00443_38573_0997.N1	16-JUL-2009 19:17:15	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	38573	No
173	GOM_NL__2PRFIN20090716_192029_000000522080_00443_38573_0998.N1	16-JUL-2009 19:20:29	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	38573	No
174	GOM_NL__2PRFIN20090716_193911_000000502080_00443_38573_0999.N1	16-JUL-2009 19:39:11	Bright	49.500	11	53Alp Aql	0.76500	8000.0	99	38573	No
175	GOM_NL__2PRFIN20090716_195020_000000402080_00443_38573_1000.N1	16-JUL-2009 19:50:20	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	38573	No
176	GOM_NL__2PRFIN20090716_195236_000000712080_00443_38573_1001.N1	16-JUL-2009 19:52:36	Bright	71.000	19	50Alp Cyg	1.2460	10500.	142	38573	No
177	GOM_NL__2PRFIN20090716_195731_000000442080_00443_38573_1002.N1	16-JUL-2009 19:57:31	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38573	No
178	GOM_NL__2PRFIN20090716_200456_000000532080_00443_38573_1003.N1	16-JUL-2009 20:04:56	Bright	52.500	74	11Bet Cas	2.2680	6600.0	105	38573	No
179	GOM_NL__2PRFIN20090716_200652_000000552080_00443_38573_1004.N1	16-JUL-2009 20:06:52	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	38573	No
180	GOM_NL__2PRFIN20090716_201127_000000422080_00443_38573_1005.N1	16-JUL-2009 20:11:27	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	38573	No
181	GOM_NL__2PRFIN20090716_201249_000000502080_00443_38573_1006.N1	16-JUL-2009 20:12:49	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	38573	No
182	GOM_NL__2PRFIN20090716_201546_000000472080_00443_38573_1007.N1	16-JUL-2009 20:15:46	Bright	46.500	79	26Bet Per	2.3100	13100.	93	38573	No
183	GOM_NL__2PRFIN20090716_202117_000000432080_00443_38573_1008.N1	16-JUL-2009 20:21:17	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	38573	No
184	GOM_NL__2PRFIN20090716_202920_000000642080_00443_38573_1009.N1	16-JUL-2009 20:29:20	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	38573	No
185	GOM_NL__2PRFIN20090716_205034_000000602080_00444_38574_1012.N1	16-JUL-2009 20:50:34	Dark	60.000	84	Alp Phe	2.3970	4500.0	120	38574	No
186	GOM_NL__2PRFIN20090716_205617_000000672080_00444_38574_1013.N1	16-JUL-2009 20:56:17	Straylight	67.000	63	Bet Gru	2.1500	2800.0	134	38574	No
187	GOM_NL__2PRFIN20090716_205752_000000452080_00444_38574_1014.N1	16-JUL-2009 20:57:52	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38574	No
188	GOM_NL__2PRFIN20090716_210105_000000512080_00444_38574_1015.N1	16-JUL-2009 21:01:05	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	38574	No
189	GOM_NL__2PRFIN20090716_211946_000000452080_00444_38574_1016.N1	16-JUL-2009 21:19:46	Bright	44.500	11	53Alp Aql	0.76500	8000.0	89	38574	No
190	GOM_NL__2PRFIN20090716_213055_000000422080_00444_38574_1017.N1	16-JUL-2009 21:30:55	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	38574	No
191	GOM_NL__2PRFIN20090716_213311_000000522080_00444_38574_1018.N1	16-JUL-2009 21:33:11	Bright	52.000	19	50Alp Cyg	1.2460	10500.	104	38574	No
192	GOM_NL__2PRFIN20090716_213806_000000442080_00444_38574_1019.N1	16-JUL-2009 21:38:06	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38574	No
193	GOM_NL__2PRFIN20090716_214531_000000522080_00444_38574_1020.N1	16-JUL-2009 21:45:31	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	38574	No
194	GOM_NL__2PRFIN20090716_214727_000000542080_00444_38574_1021.N1	16-JUL-2009 21:47:27	Bright	53.500	68	18Alp Cas	2.2250	4500.0	107	38574	No
195	GOM_NL__2PRFIN20090716_215203_000000512080_00444_38574_1022.N1	16-JUL-2009 21:52:03	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	38574	No
196	GOM_NL__2PRFIN20090716_215325_000000512080_00444_38574_1023.N1	16-JUL-2009 21:53:25	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	38574	No
197	GOM_NL__2PRFIN20090716_215622_000000462080_00444_38574_1024.N1	16-JUL-2009 21:56:22	Bright	45.500	79	26Bet Per	2.3100	13100.	91	38574	No
198	GOM_NL__2PRFIN20090716_220153_000000432080_00444_38574_1025.N1	16-JUL-2009 22:01:53	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	38574	No
199	GOM_NL__2PRFIN20090716_220957_000000712080_00444_38574_1026.N1	16-JUL-2009 22:09:57	Dark	70.500	94	92Alp Cet	2.5260	3100.0	141	38574	No
200	GOM_NL__2PRFIN20090716_223111_000000542080_00445_38575_1027.N1	16-JUL-2009 22:31:11	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	38575	No
201	GOM_NL__2PRFIN20090716_223654_000000632080_00445_38575_1028.N1	16-JUL-2009 22:36:54	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	38575	No
202	GOM_NL__2PRFIN20090716_223829_000000572080_00445_38575_1029.N1	16-JUL-2009 22:38:29	Straylight	56.500	31	Alp Gru	1.7340	15200.	113	38575	No
203	GOM_NL__2PRFIN20090716_224142_000000492080_00445_38575_1030.N1	16-JUL-2009 22:41:42	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	38575	No
204	GOM_NL__2PRFIN20090716_230022_000000472080_00445_38575_1031.N1	16-JUL-2009 23:00:22	Bright	46.500	11	53Alp Aql	0.76500	8000.0	93	38575	No
205	GOM_NL__2PRFIN20090716_231131_000000432080_00445_38575_1032.N1	16-JUL-2009 23:11:31	Bright	43.000	144	18Del Cyg	2.8600	11000.	86	38575	No
206	GOM_NL__2PRFIN20090716_231346_000000502080_00445_38575_1033.N1	16-JUL-2009 23:13:46	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	38575	No
207	GOM_NL__2PRFIN20090716_231841_000000422080_00445_38575_1034.N1	16-JUL-2009 23:18:41	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38575	No
208	GOM_NL__2PRFIN20090716_232606_000000742080_00445_38575_1035.N1	16-JUL-2009 23:26:06	Bright	74.000	74	11Bet Cas	2.2680	6600.0	148	38575	No
209	GOM_NL__2PRFIN20090716_232802_000000552080_00445_38575_1036.N1	16-JUL-2009 23:28:02	Bright	55.000	68	18Alp Cas	2.2250	4500.0	110	38575	No
210	GOM_NL__2PRFIN20090716_233238_000000412080_00445_38575_1037.N1	16-JUL-2009 23:32:38	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	38575	No
211	GOM_NL__2PRFIN20090716_233400_000000602080_00445_38575_1038.N1	16-JUL-2009 23:34:00	Bright	60.000	35	33Alp Per	1.7950	6250.0	120	38575	No
212	GOM_NL__2PRFIN20090716_233658_000000512080_00445_38575_1039.N1	16-JUL-2009 23:36:58	Bright	51.000	79	26Bet Per	2.3100	13100.	102	38575	No
213	GOM_NL__2PRFIN20090716_234229_000000422080_00445_38575_1040.N1	16-JUL-2009 23:42:29	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	38575	No
214	GOM_NL__2PRFIN20090716_235033_000000592080_00445_38575_1041.N1	16-JUL-2009 23:50:33	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	38575	No

3. Quality information per product

In this section it is plotted some information contained in the Quality Summary data set of

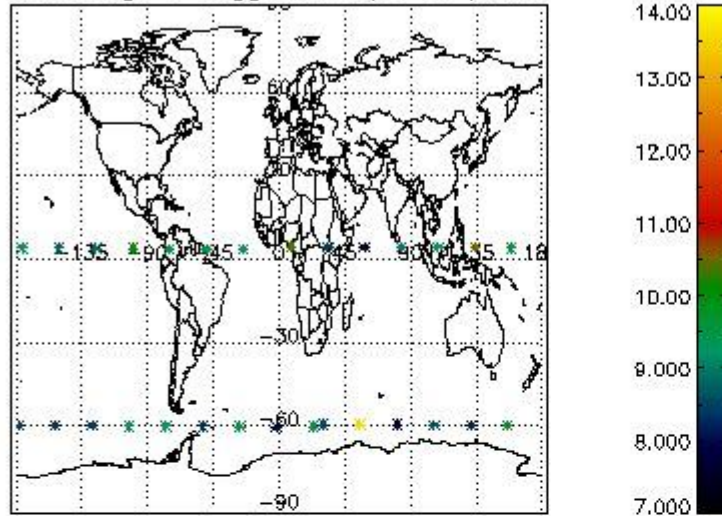
the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

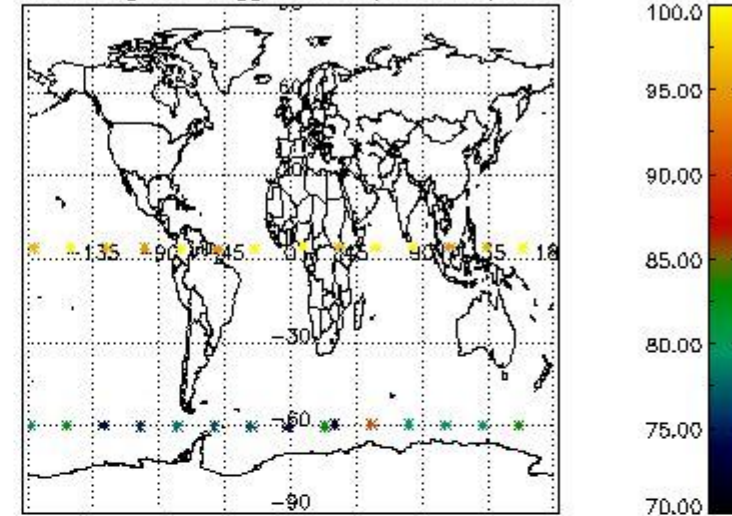


3.2 Plot quality information per product (world map)

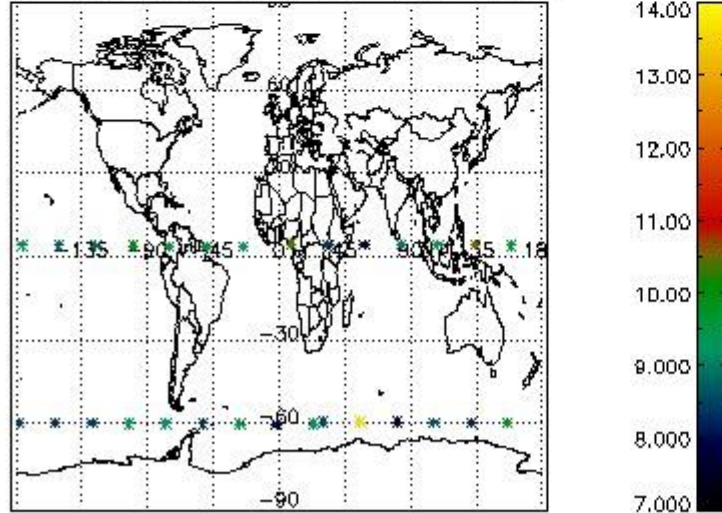
Percentage of flagged data per O3 profile



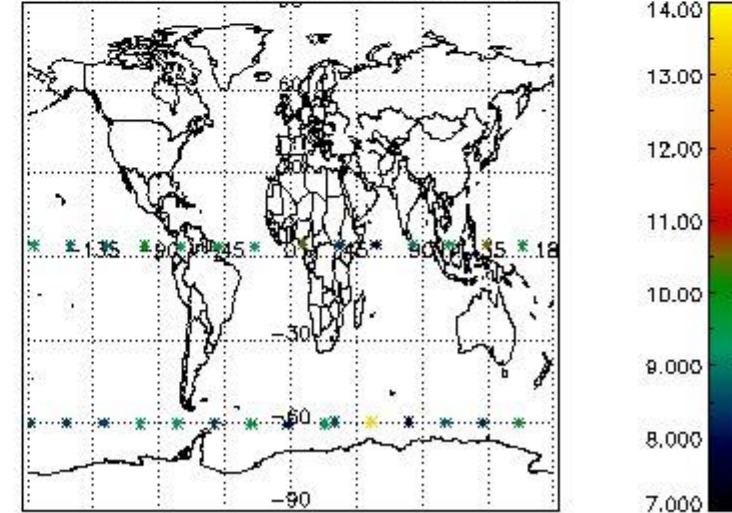
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

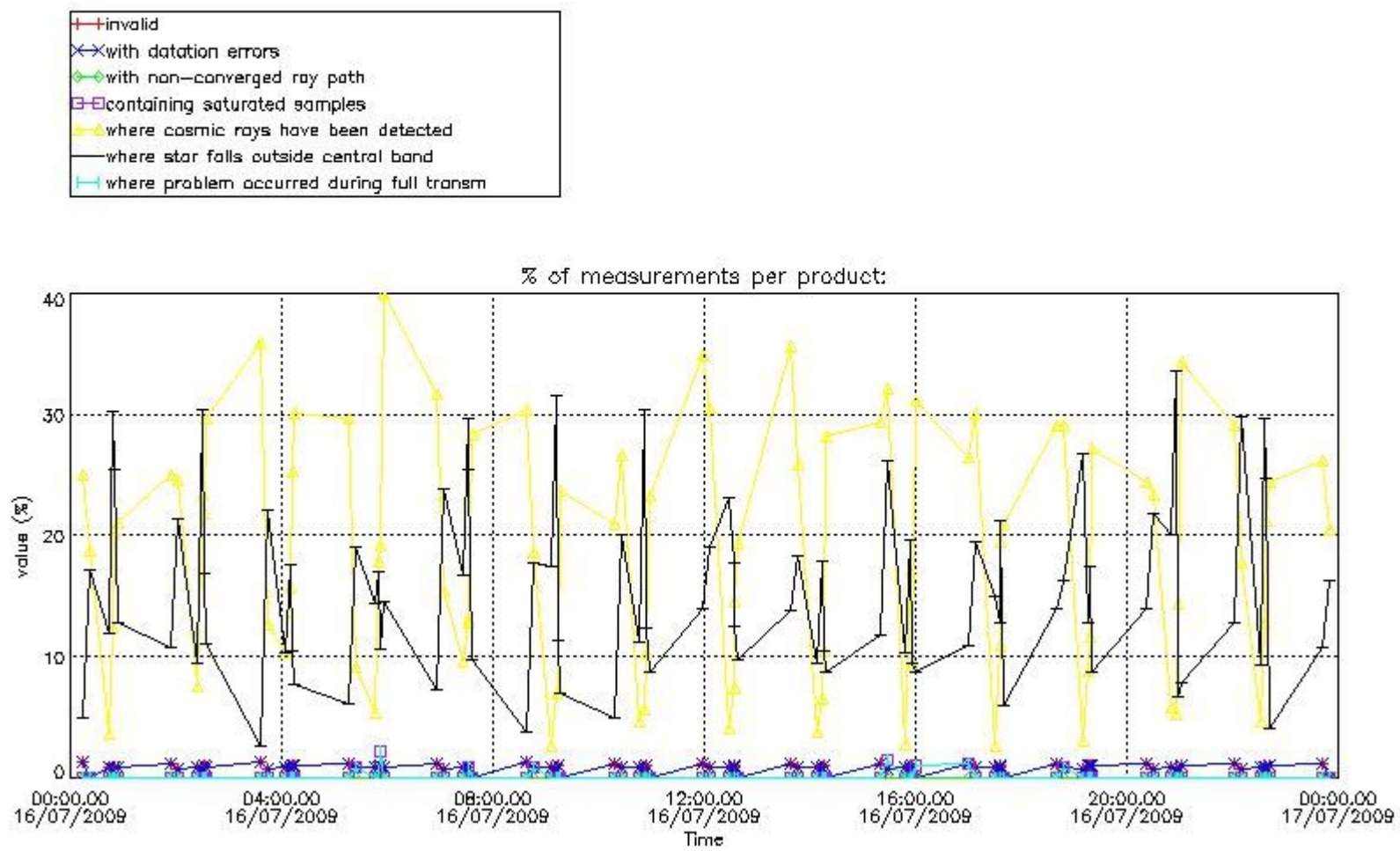


4. Level 1 quality information per product

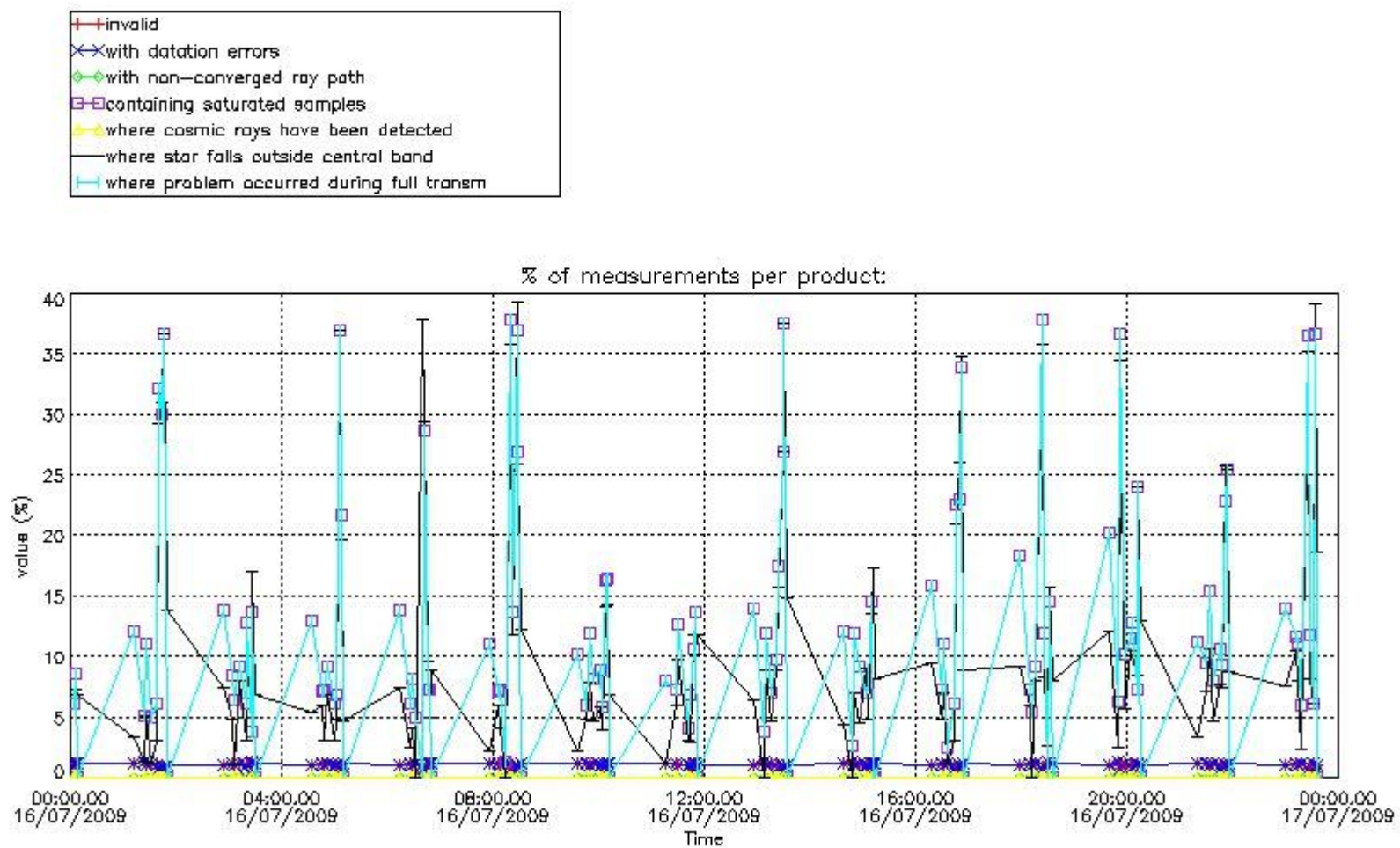
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



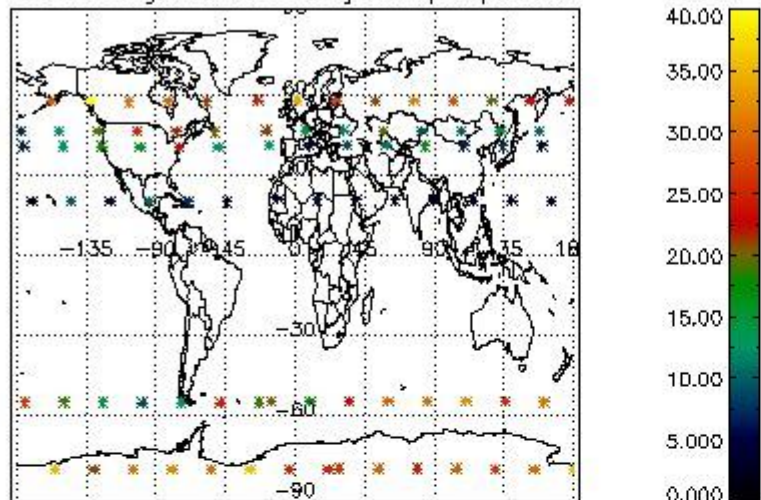
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



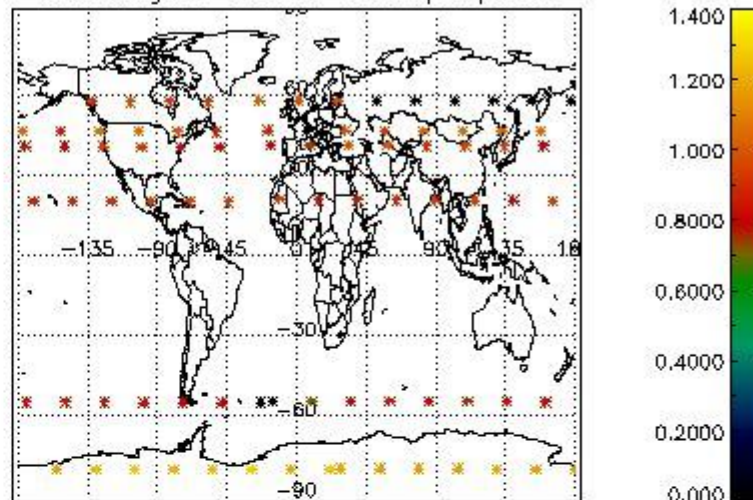
4.2 Plot quality information per product coming from level 1b processing (world map)

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

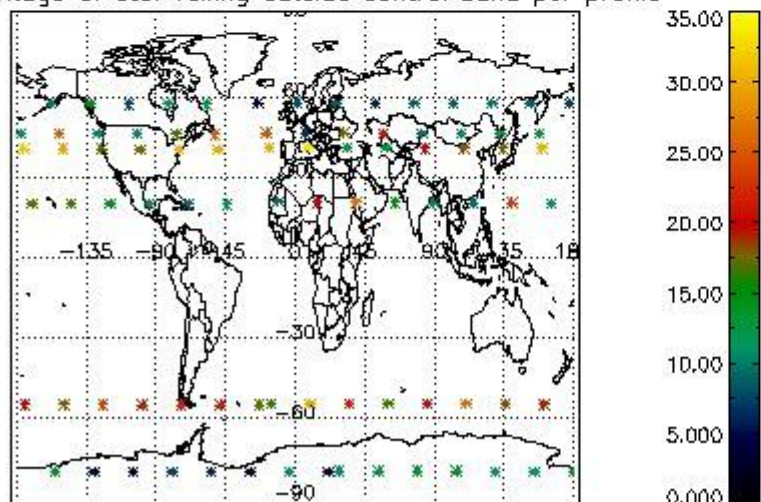
Percentage of cosmic ray hits per profile



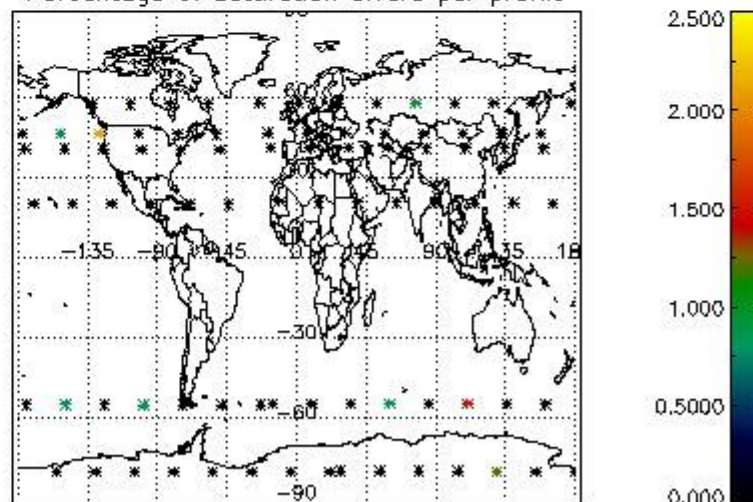
Percentage of datation errors per profile



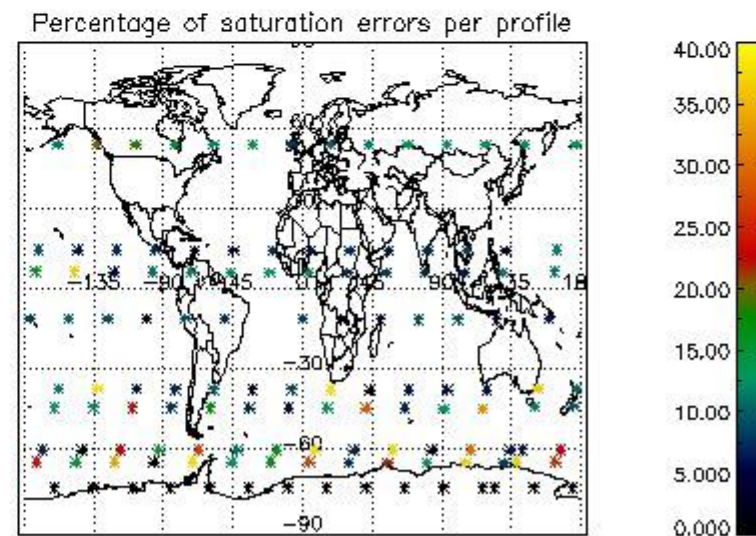
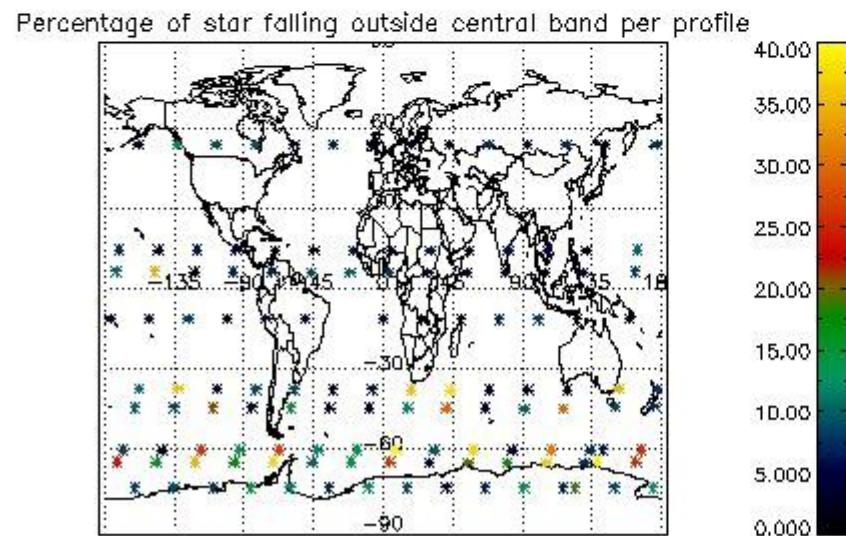
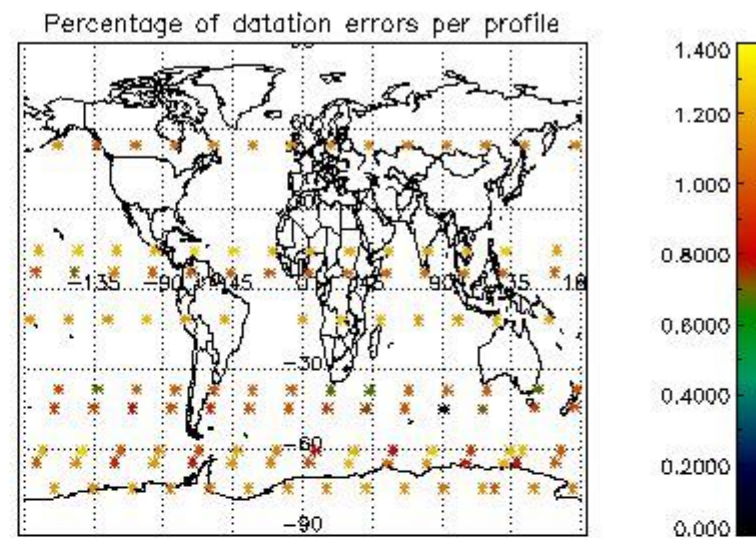
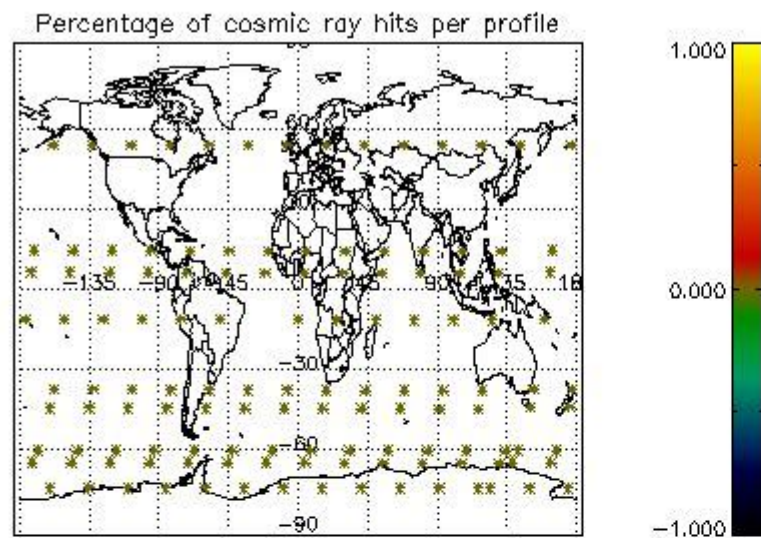
Percentage of star falling outside central band per profile



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

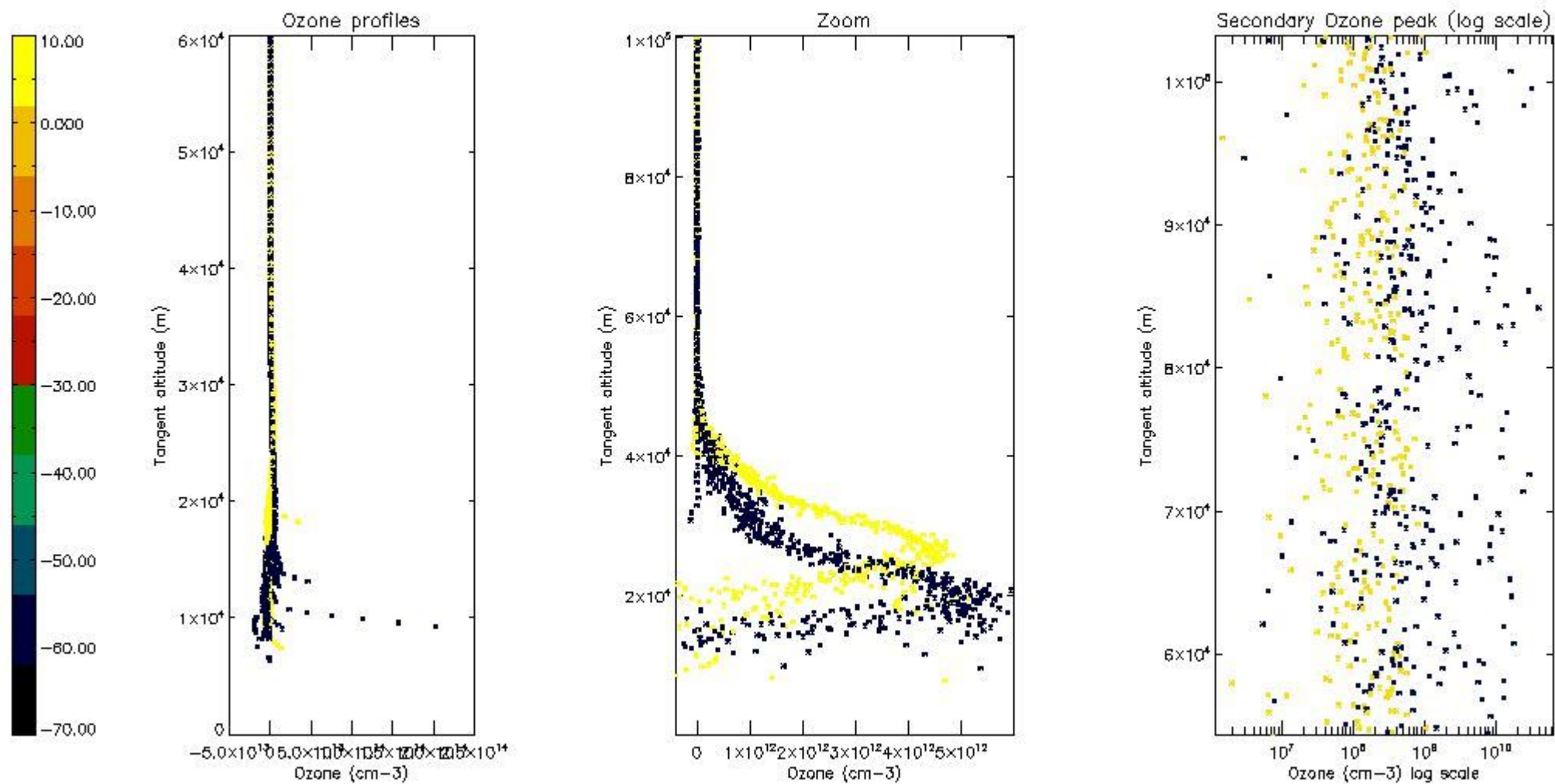
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	16
STD < 20	4

STD < 10	2
STD < 5	0

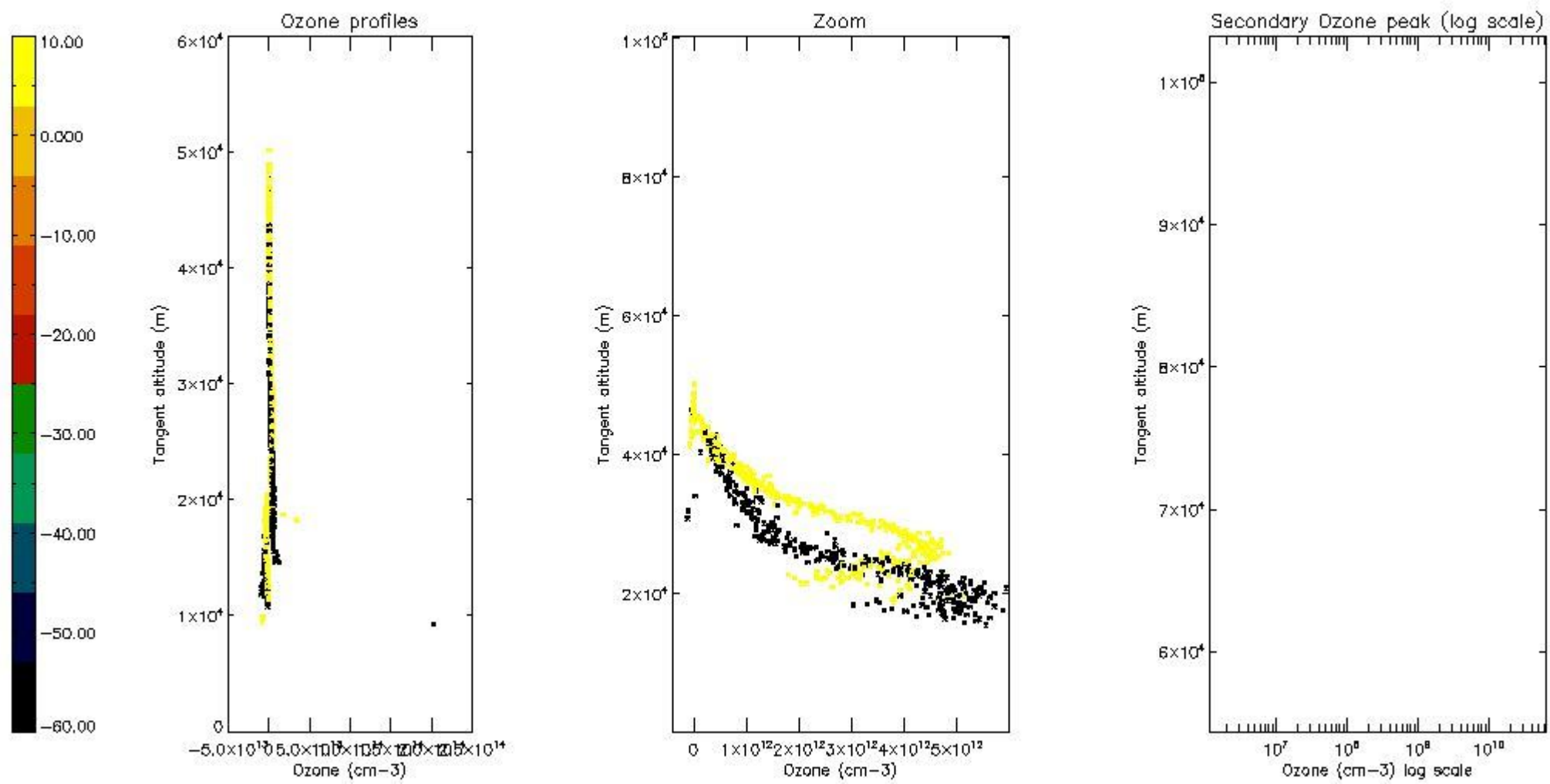
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



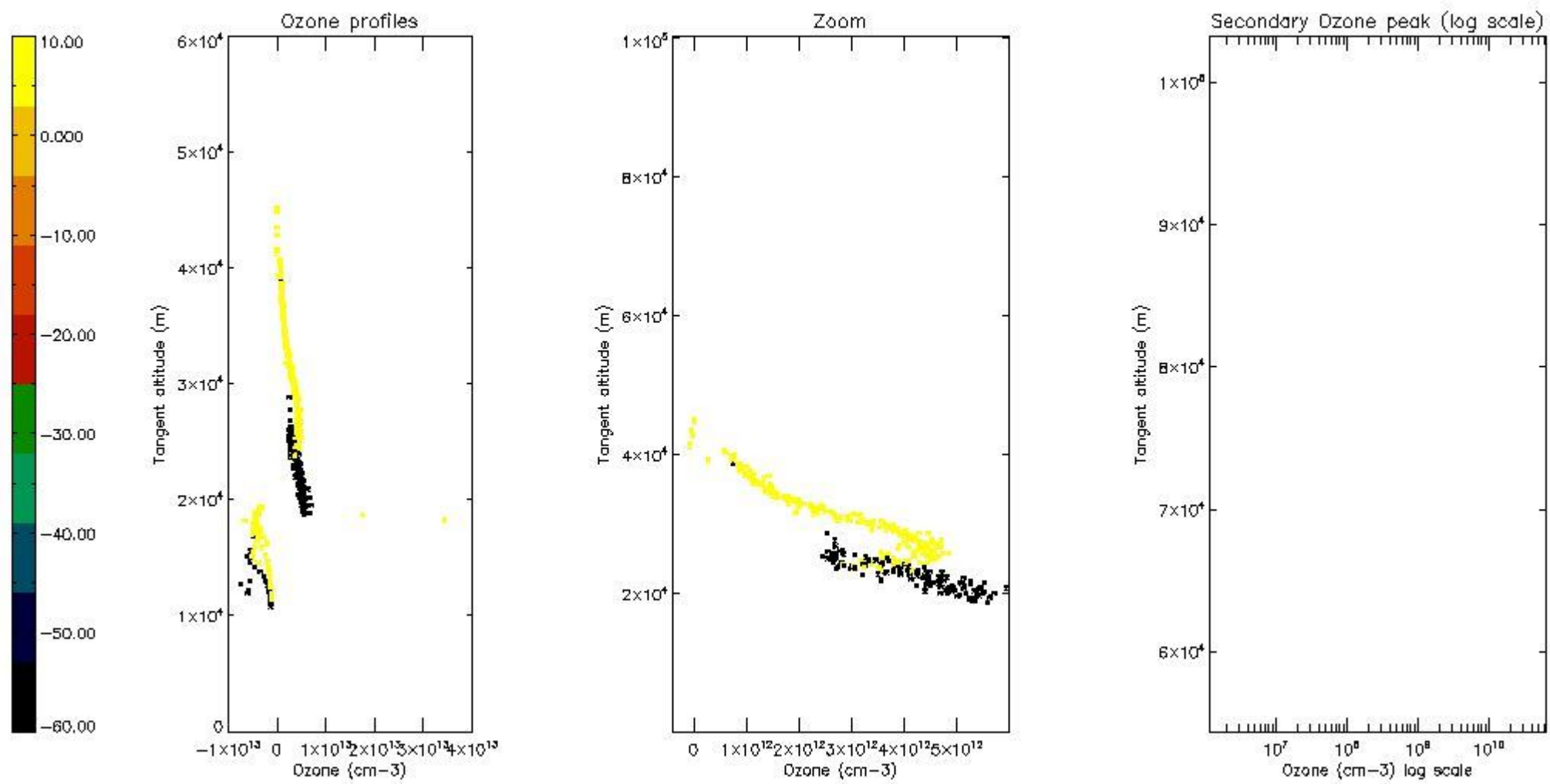
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



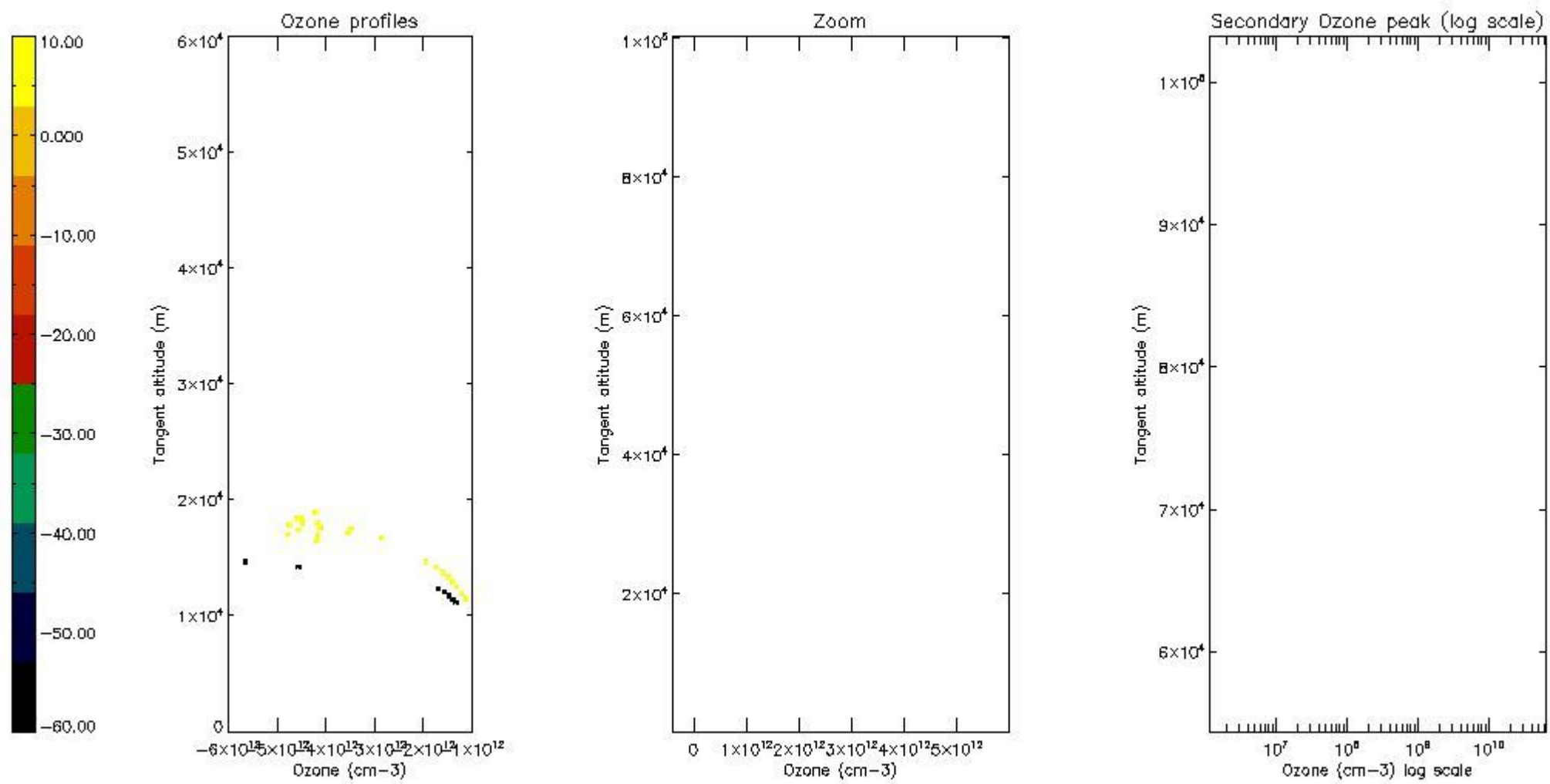
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



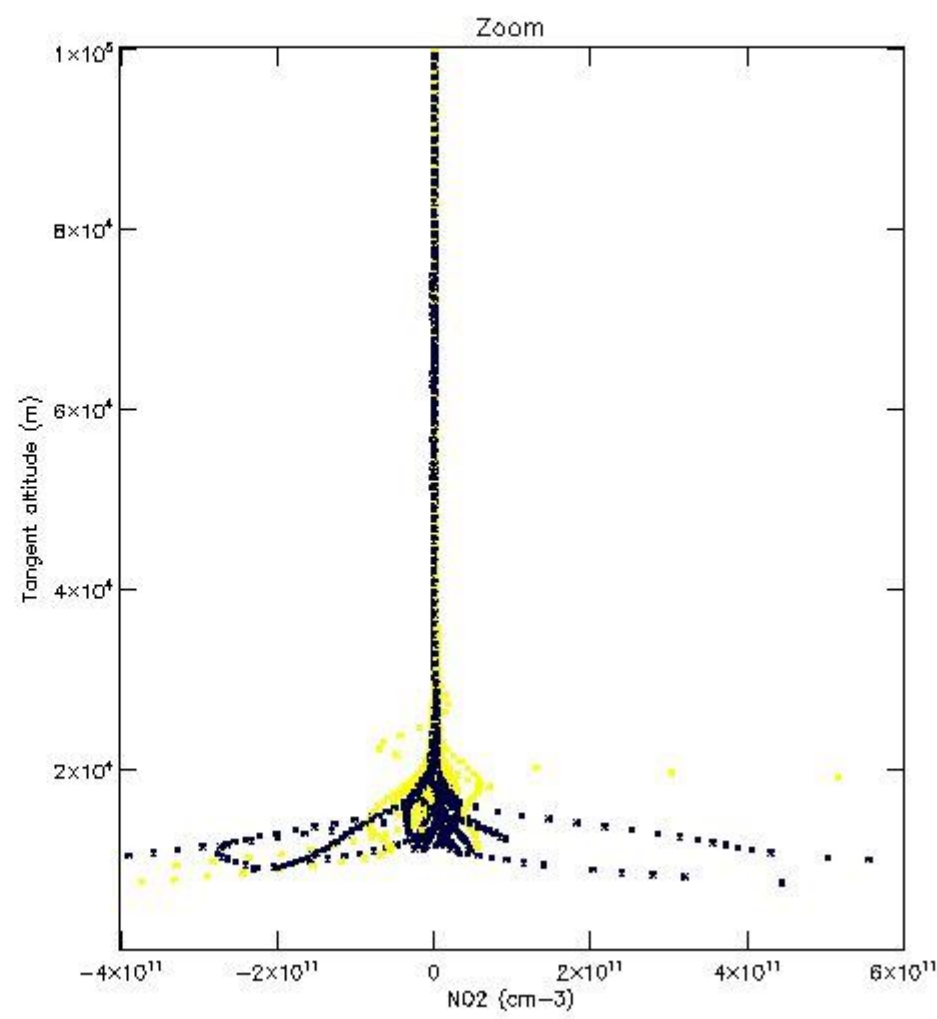
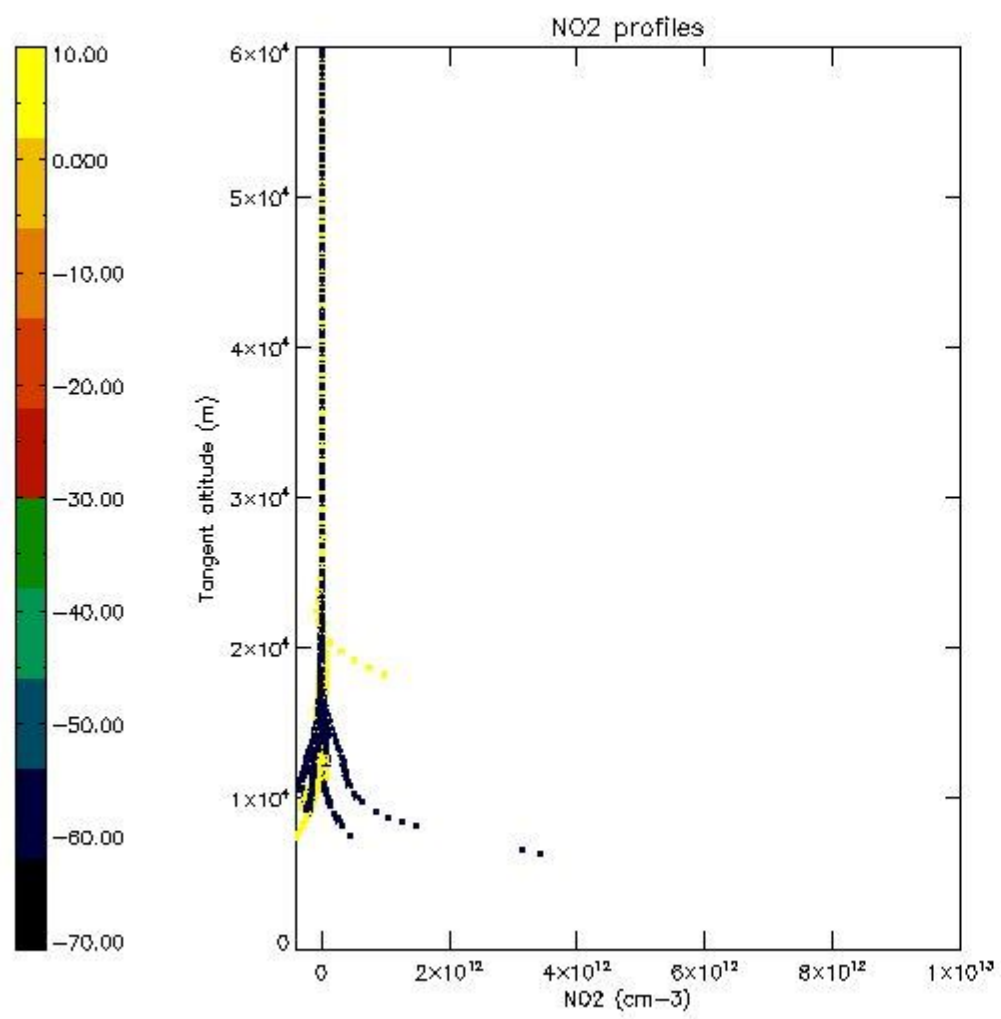
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



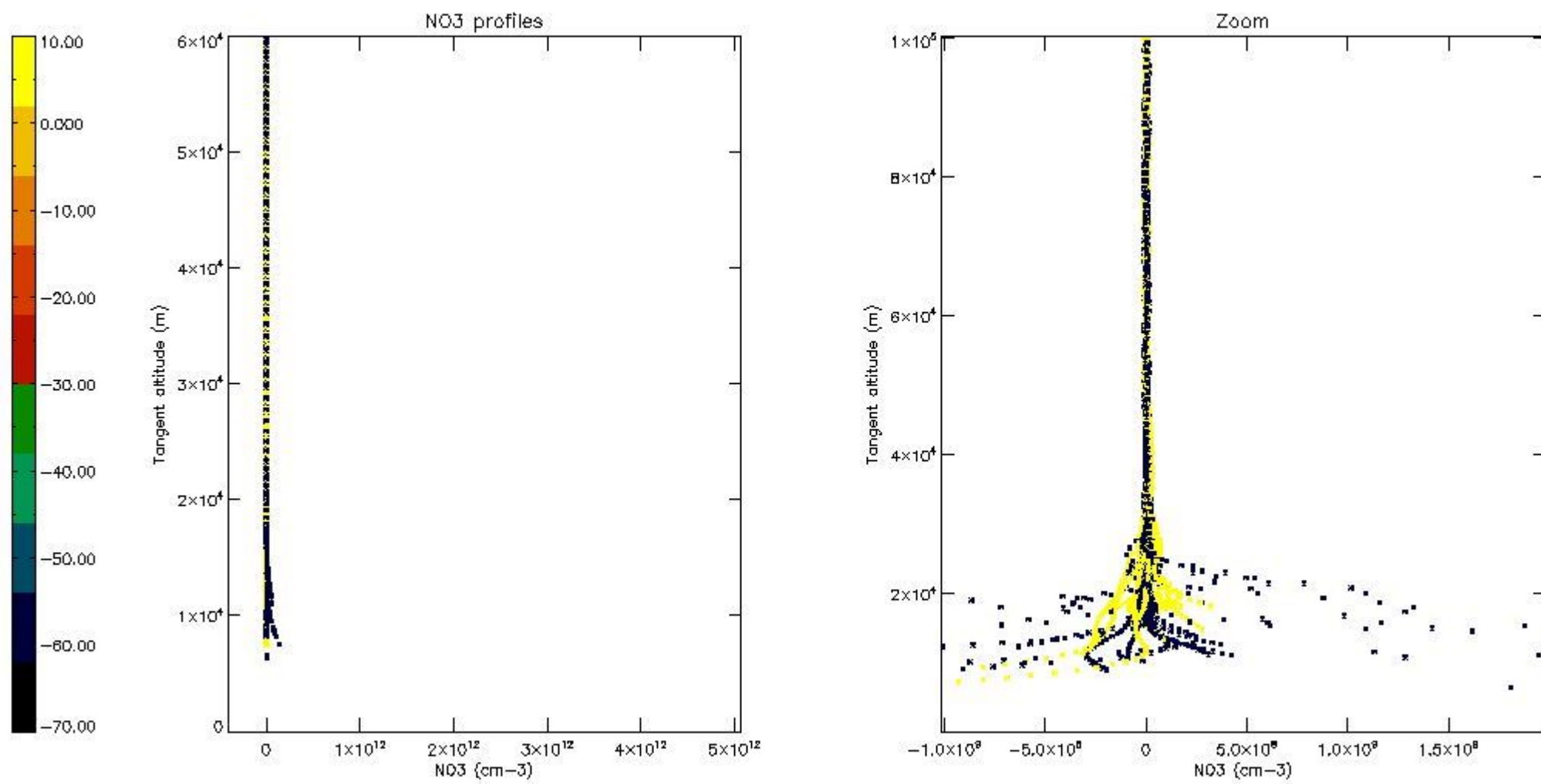
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



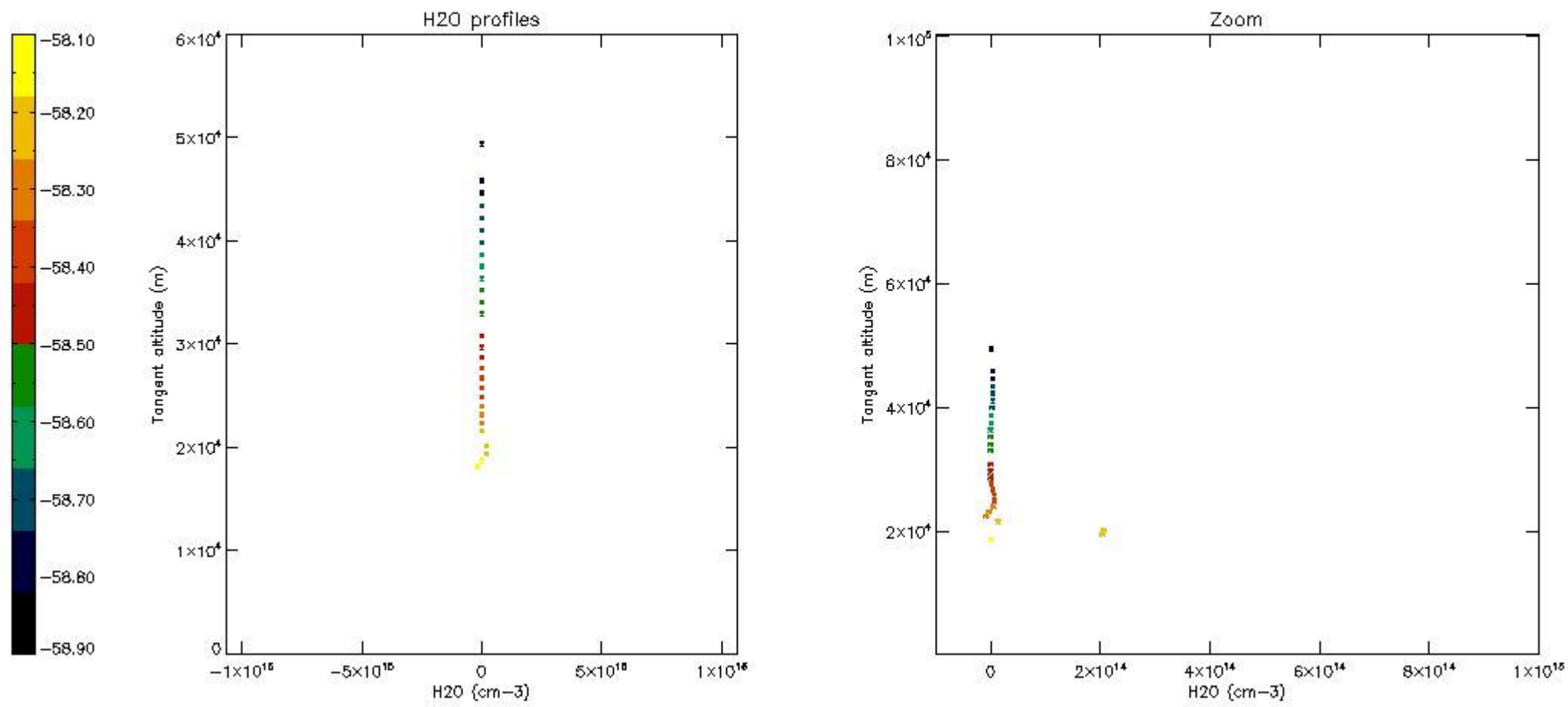
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

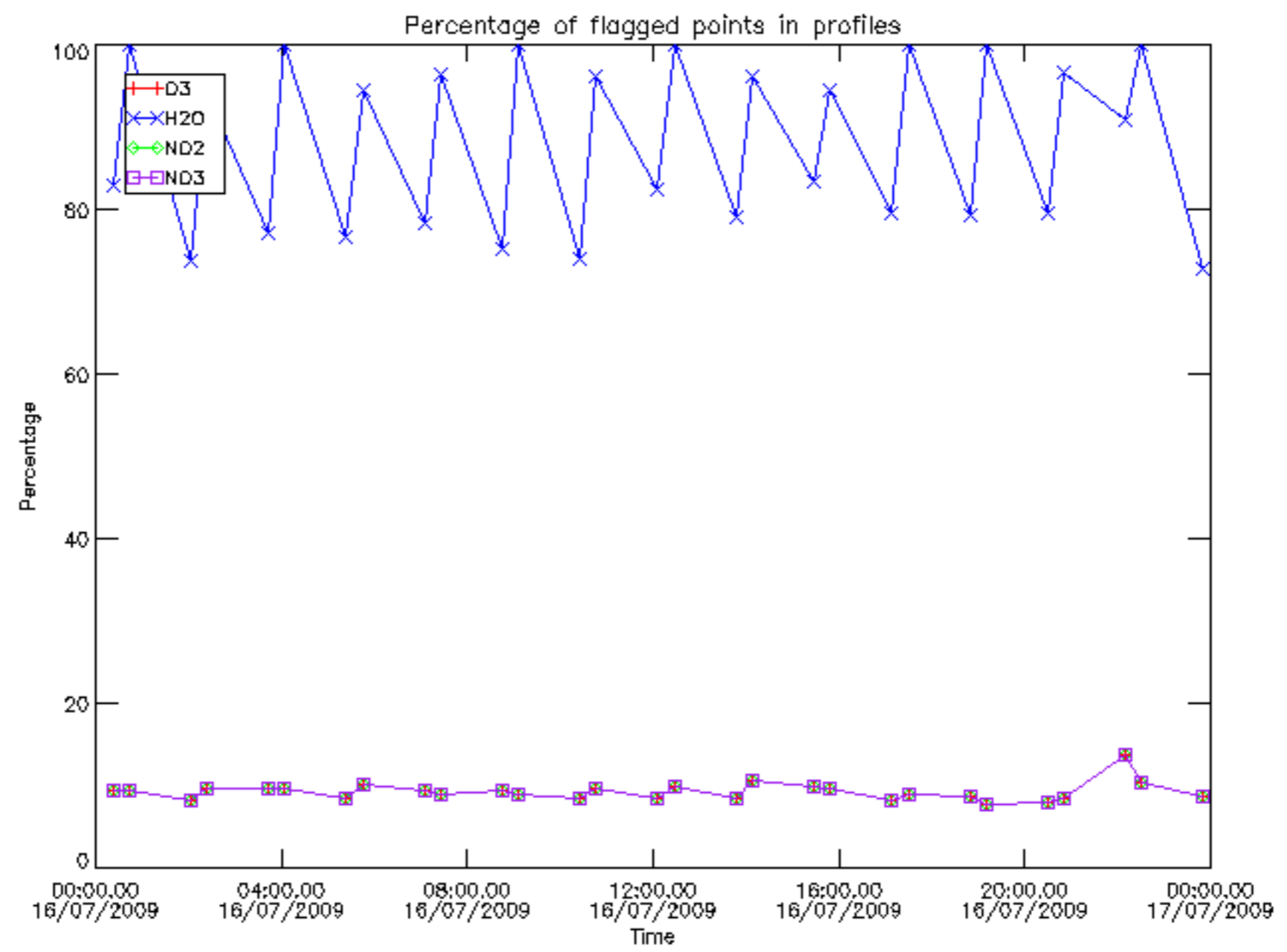
The colorbar represents the latitude.



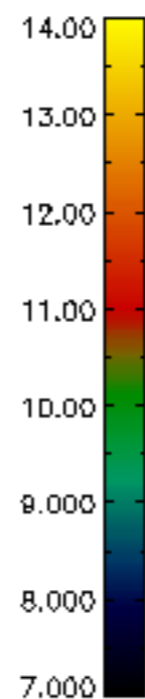
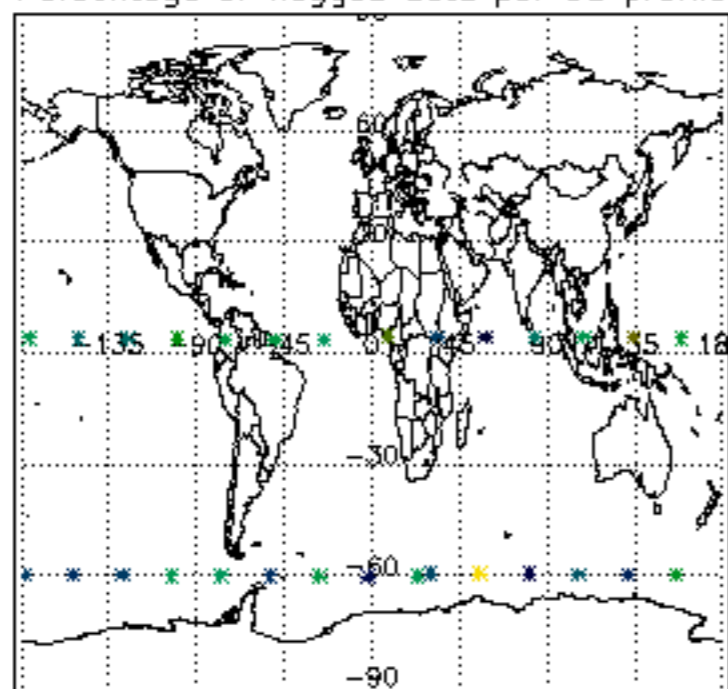
6. Auxiliary Data Files used for the production reported in section 2

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

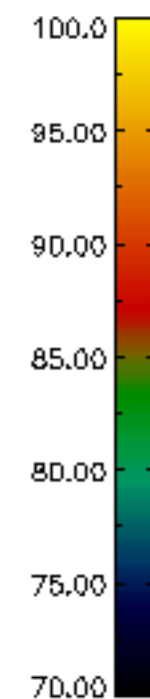
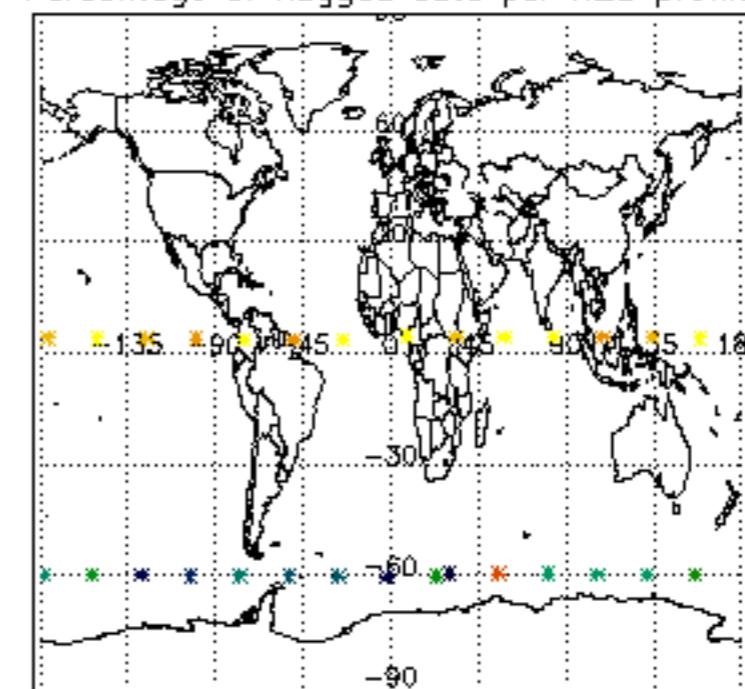
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	16-JUL-2009 00:04:18
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-JUL-2009 00:04:18
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-JUL-2009 00:04:18



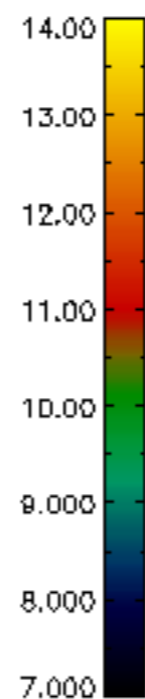
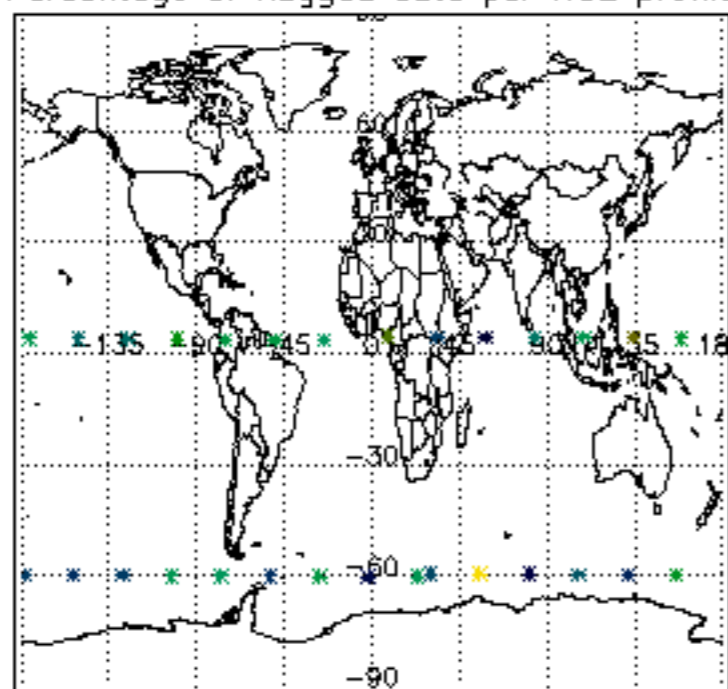
Percentage of flagged data per D3 profile



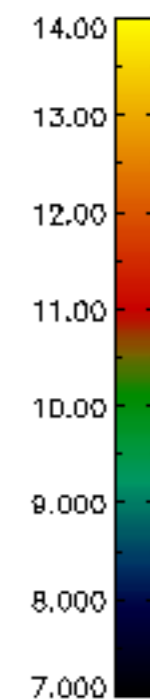
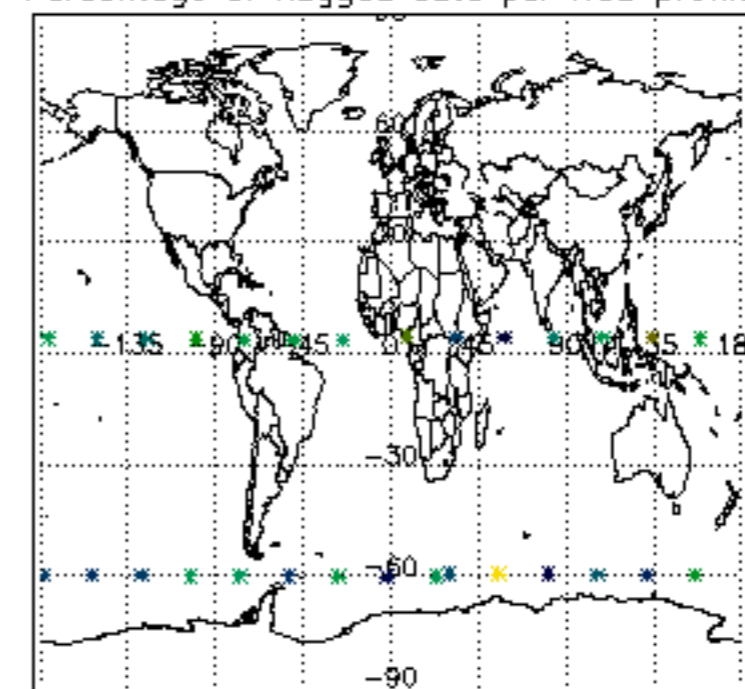
Percentage of flagged data per H2O profile

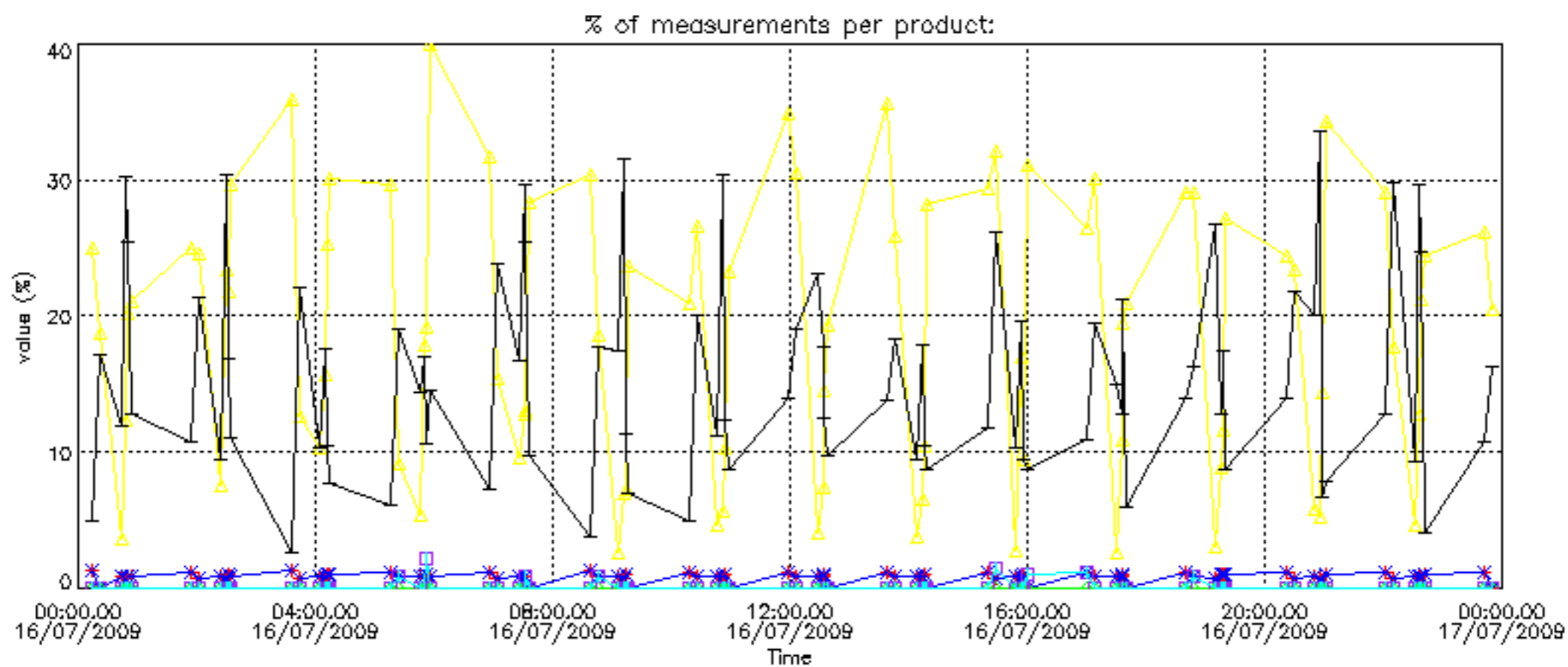


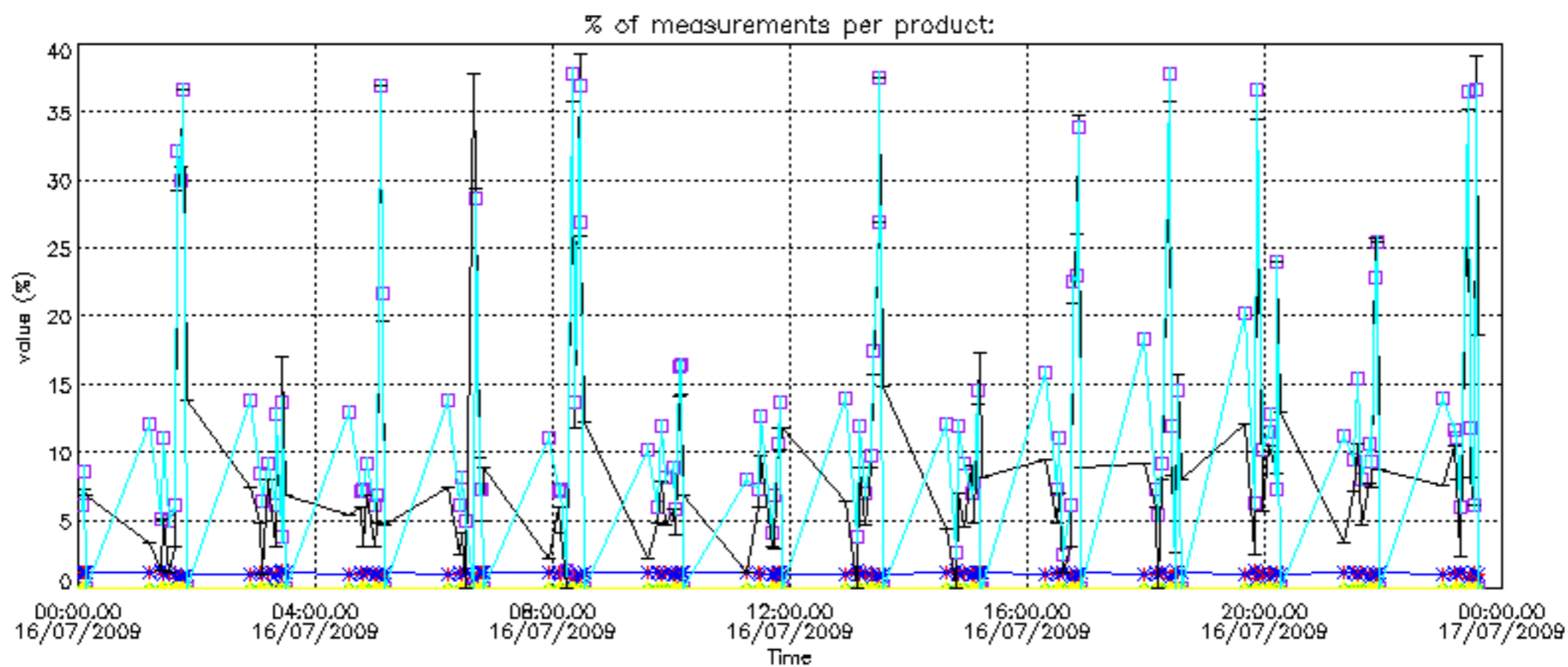
Percentage of flagged data per NO2 profile



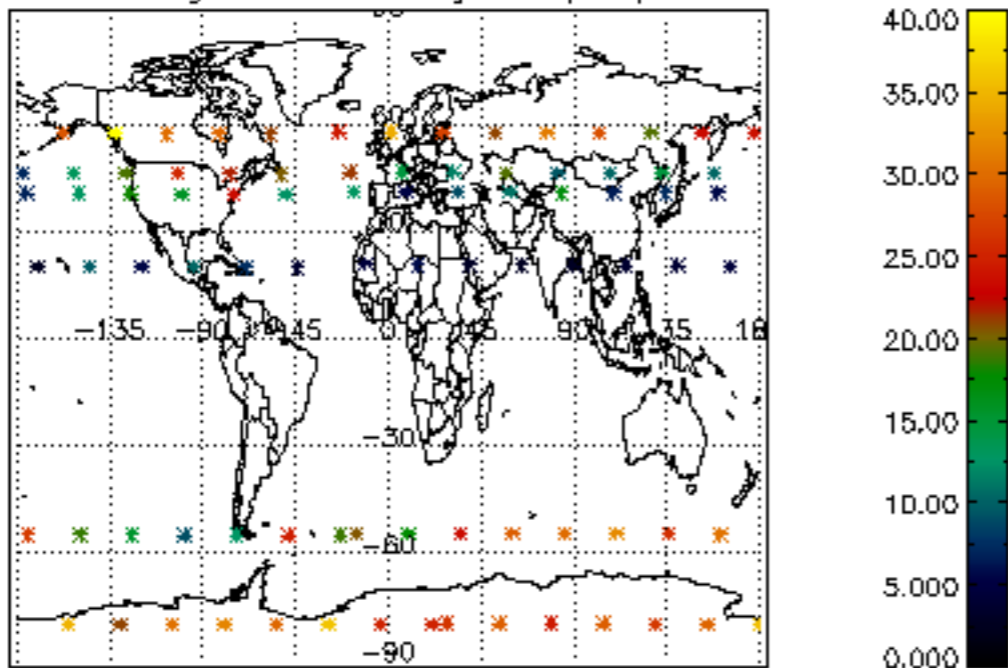
Percentage of flagged data per NO3 profile



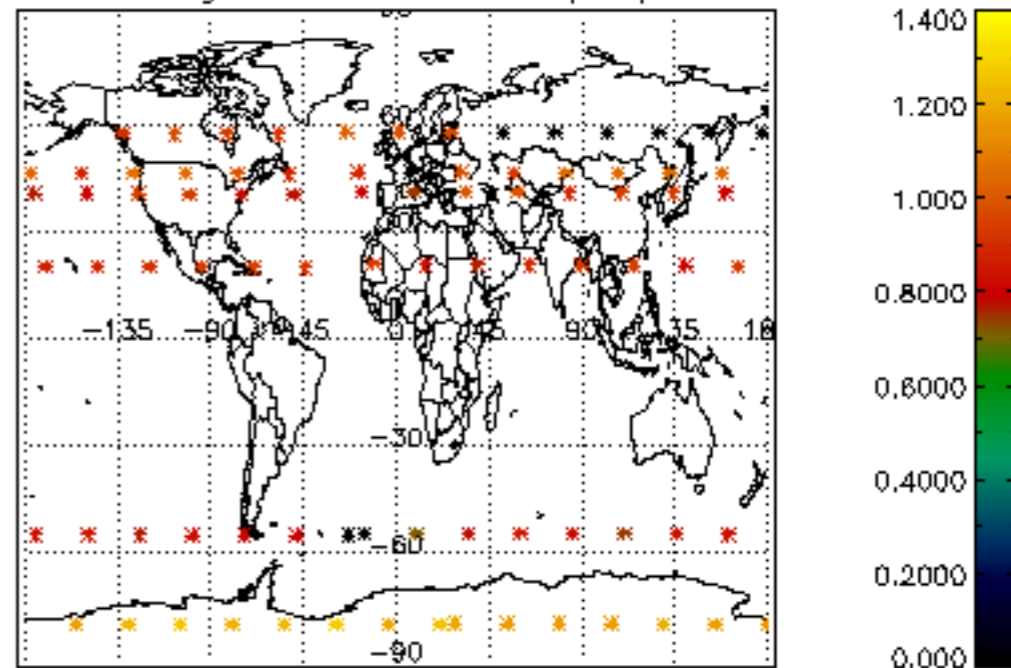




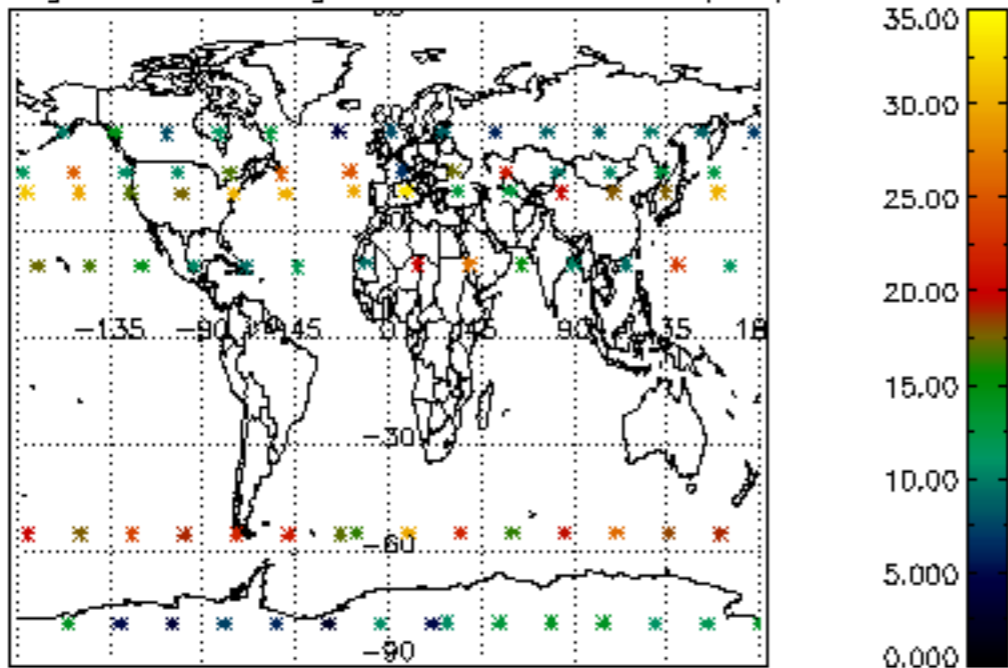
Percentage of cosmic ray hits per profile



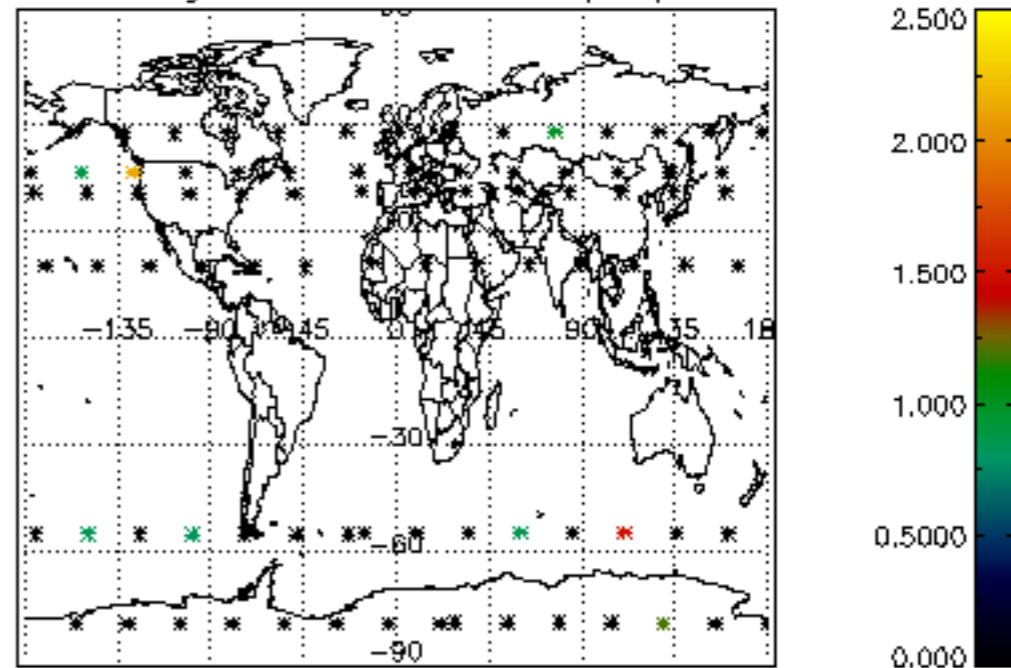
Percentage of datation errors per profile



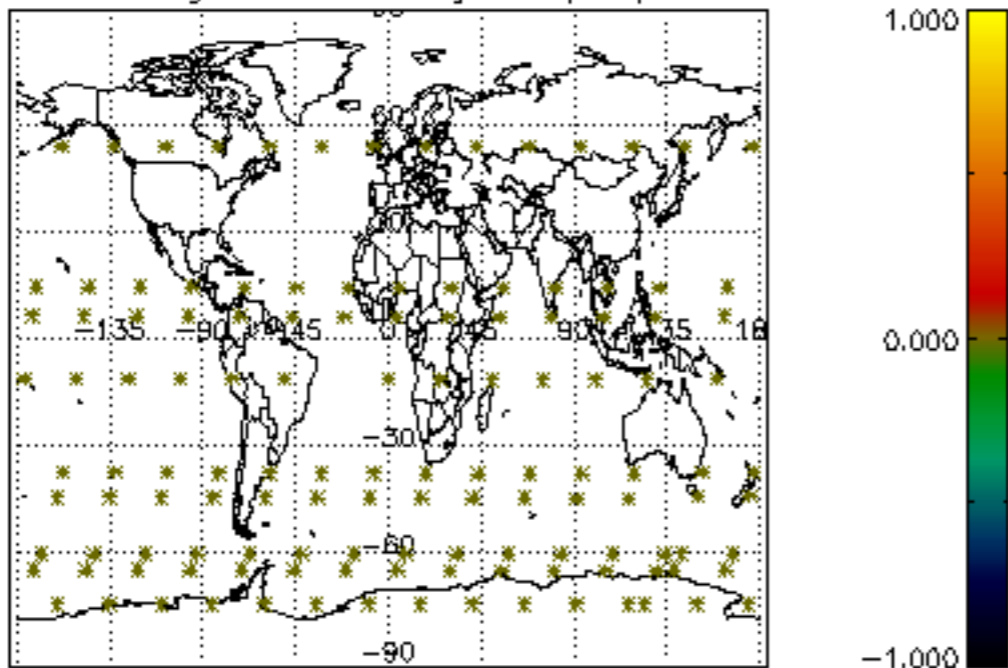
Percentage of star falling outside central band per profile



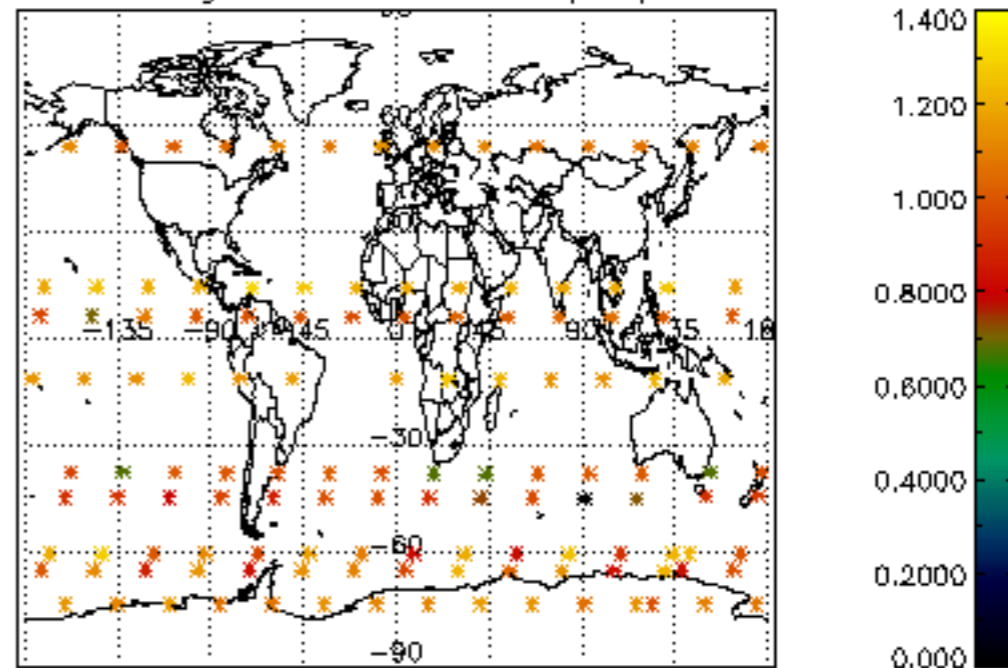
Percentage of saturation errors per profile



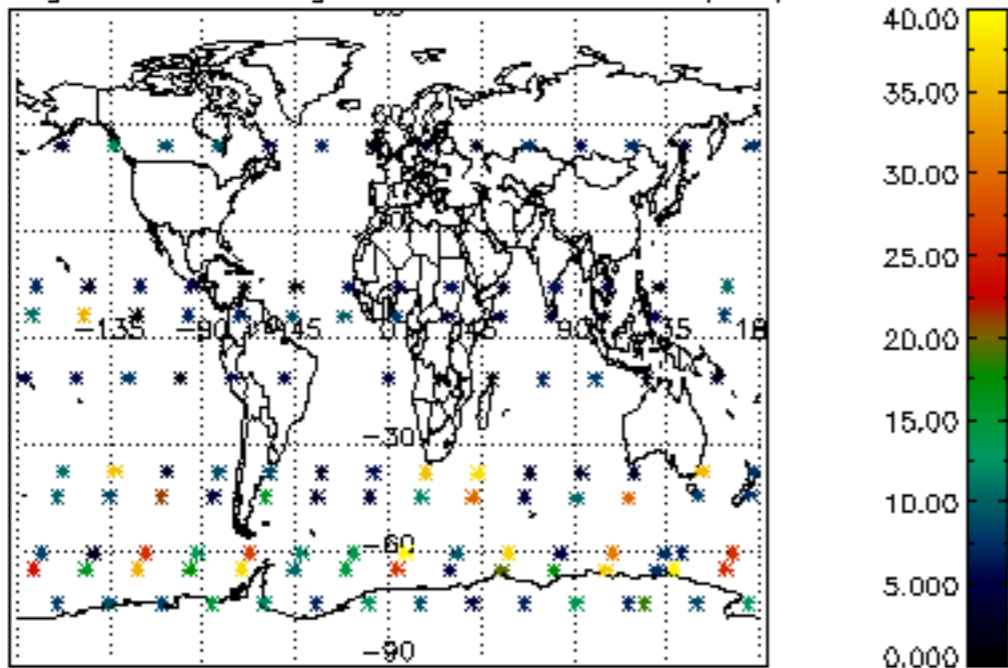
Percentage of cosmic ray hits per profile



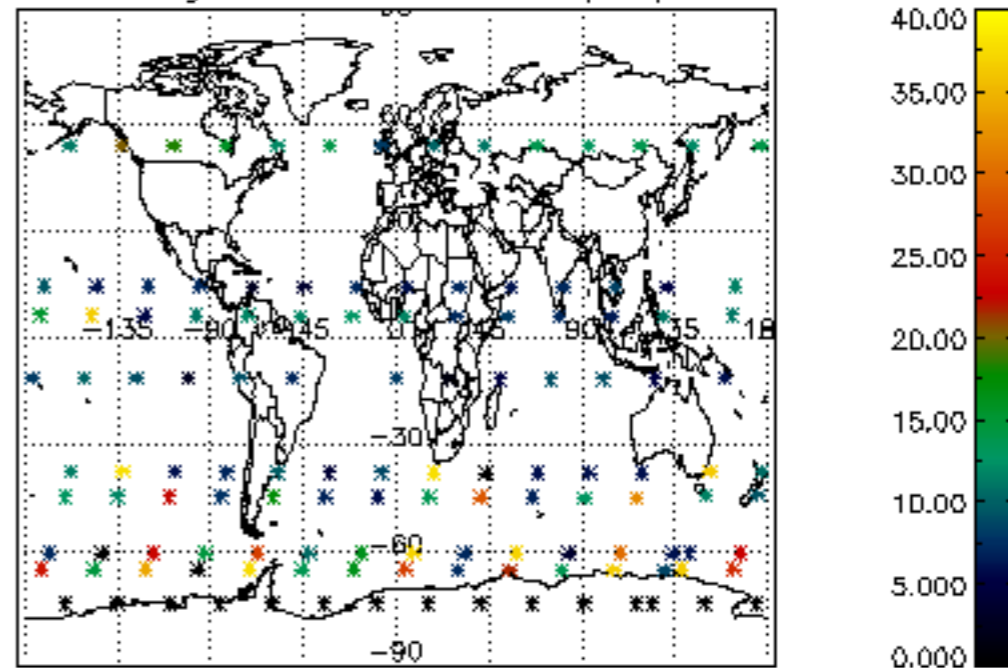
Percentage of datation errors per profile

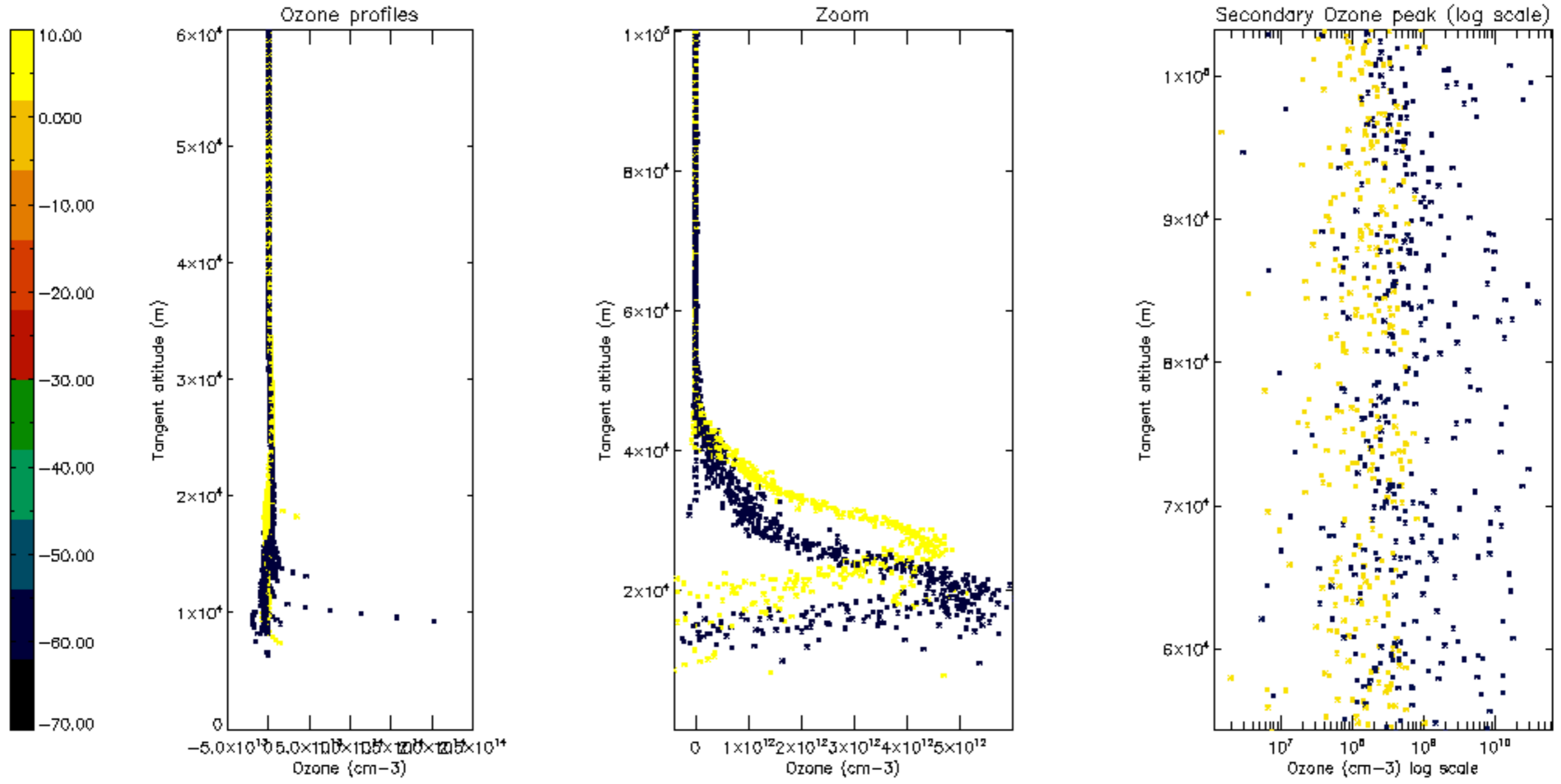


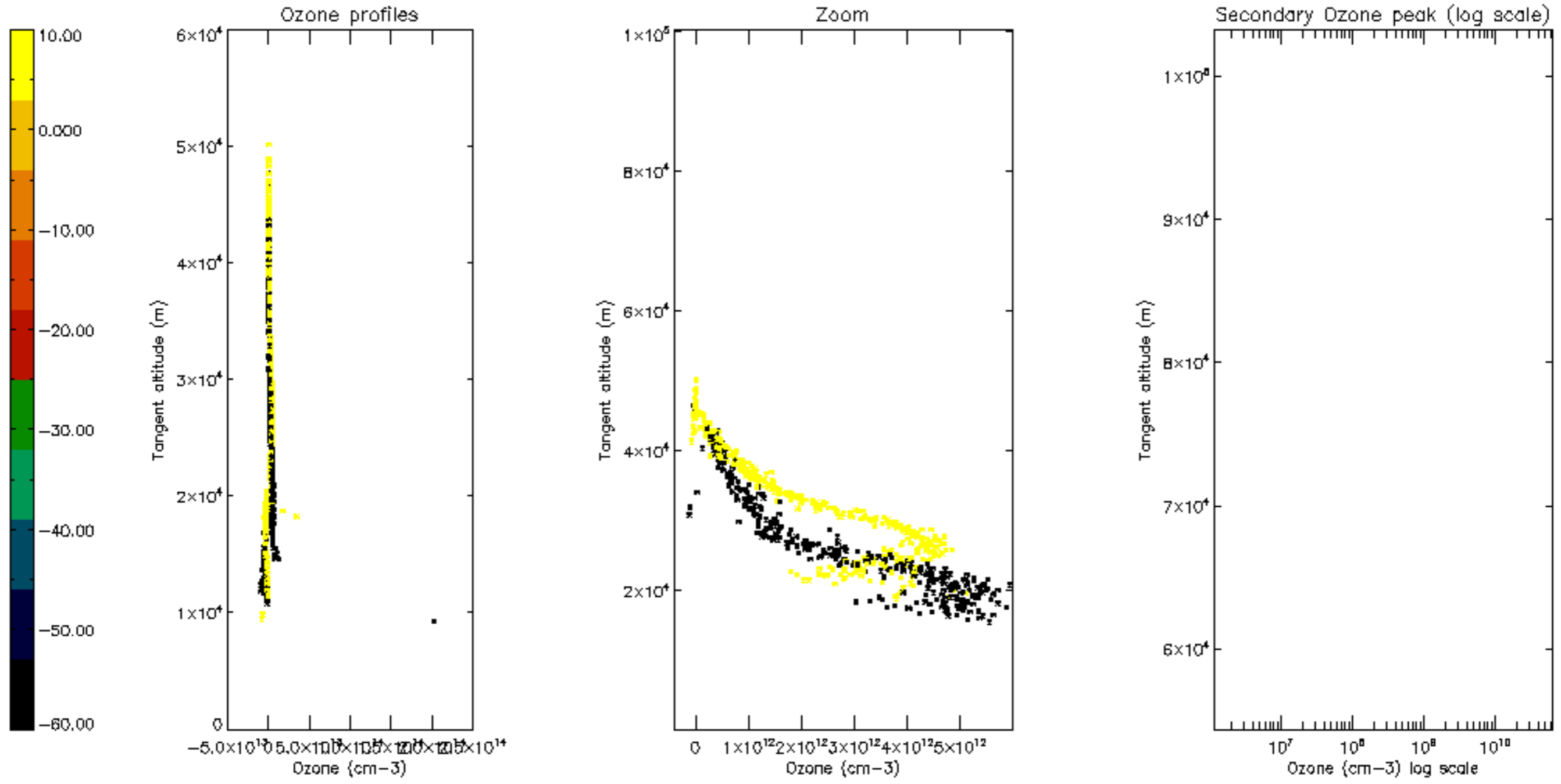
Percentage of star falling outside central band per profile

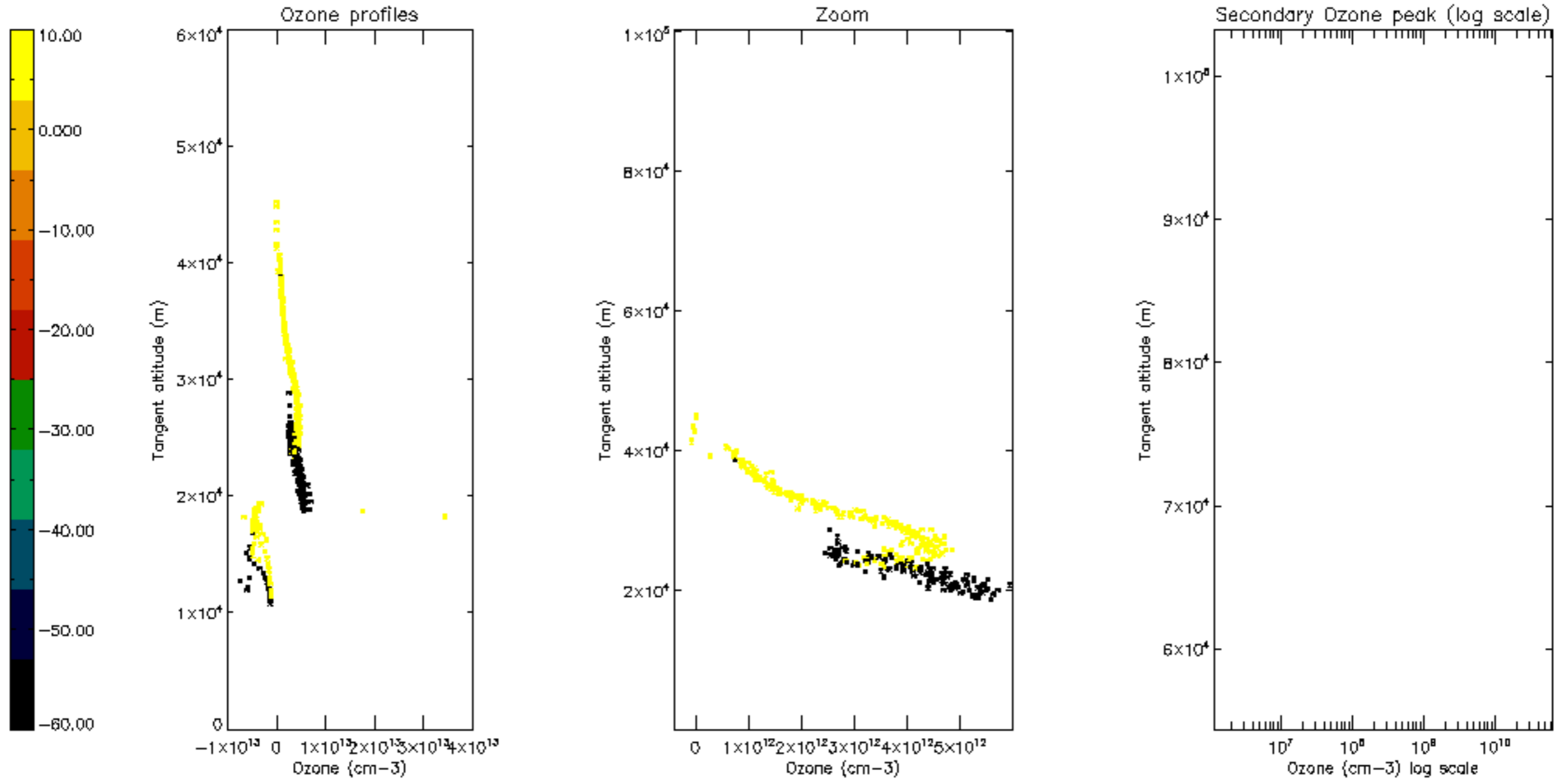


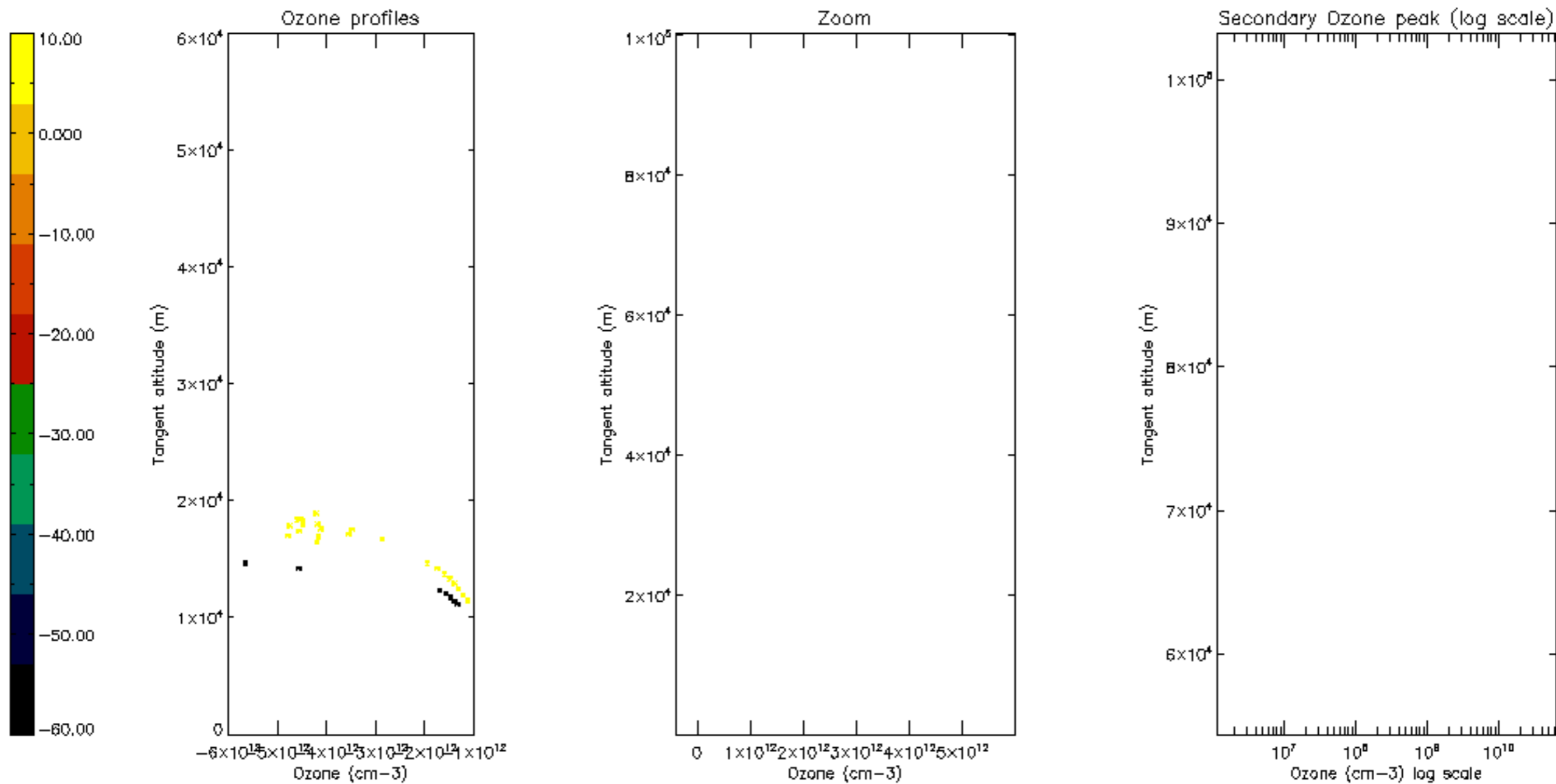
Percentage of saturation errors per profile

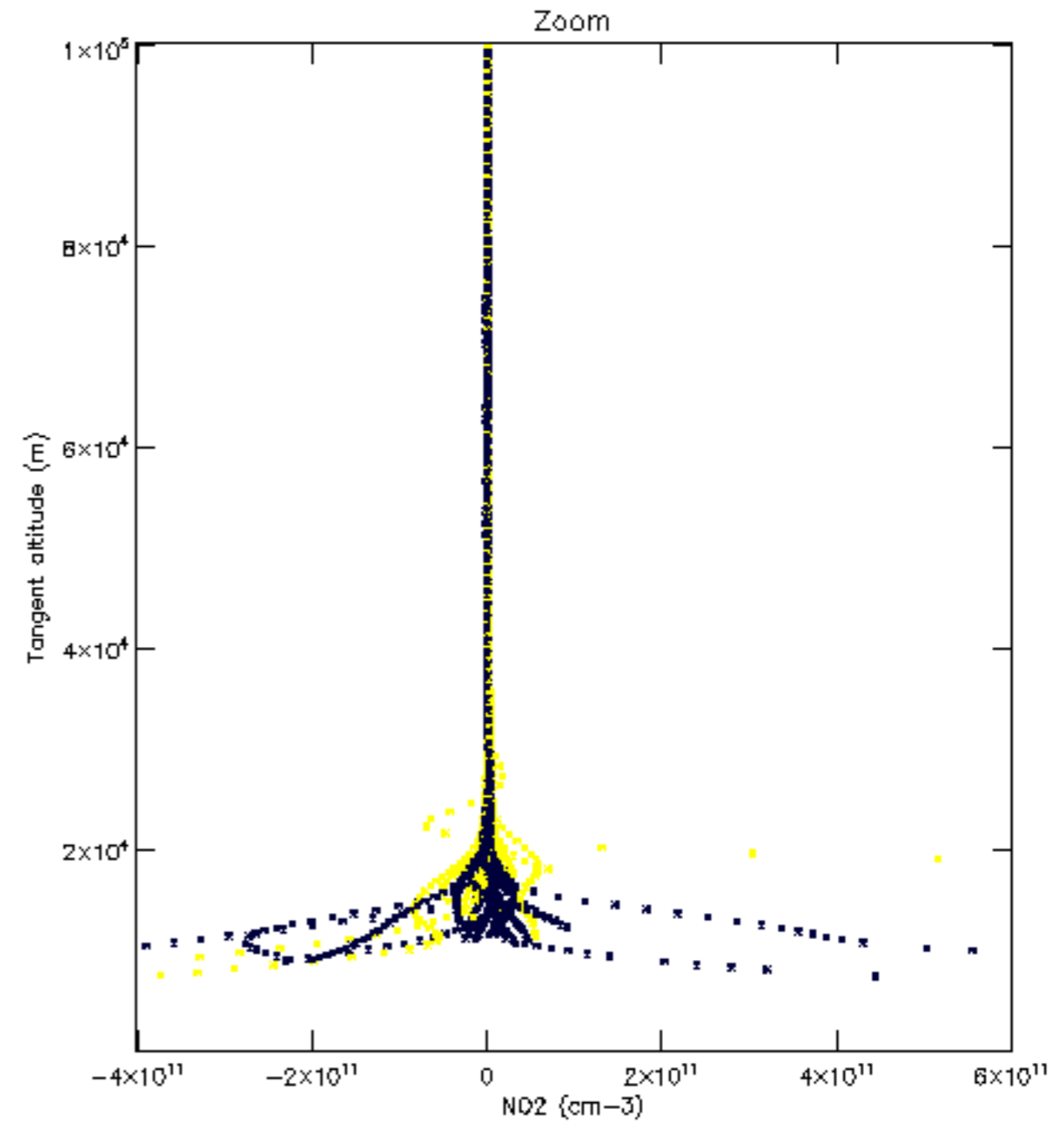
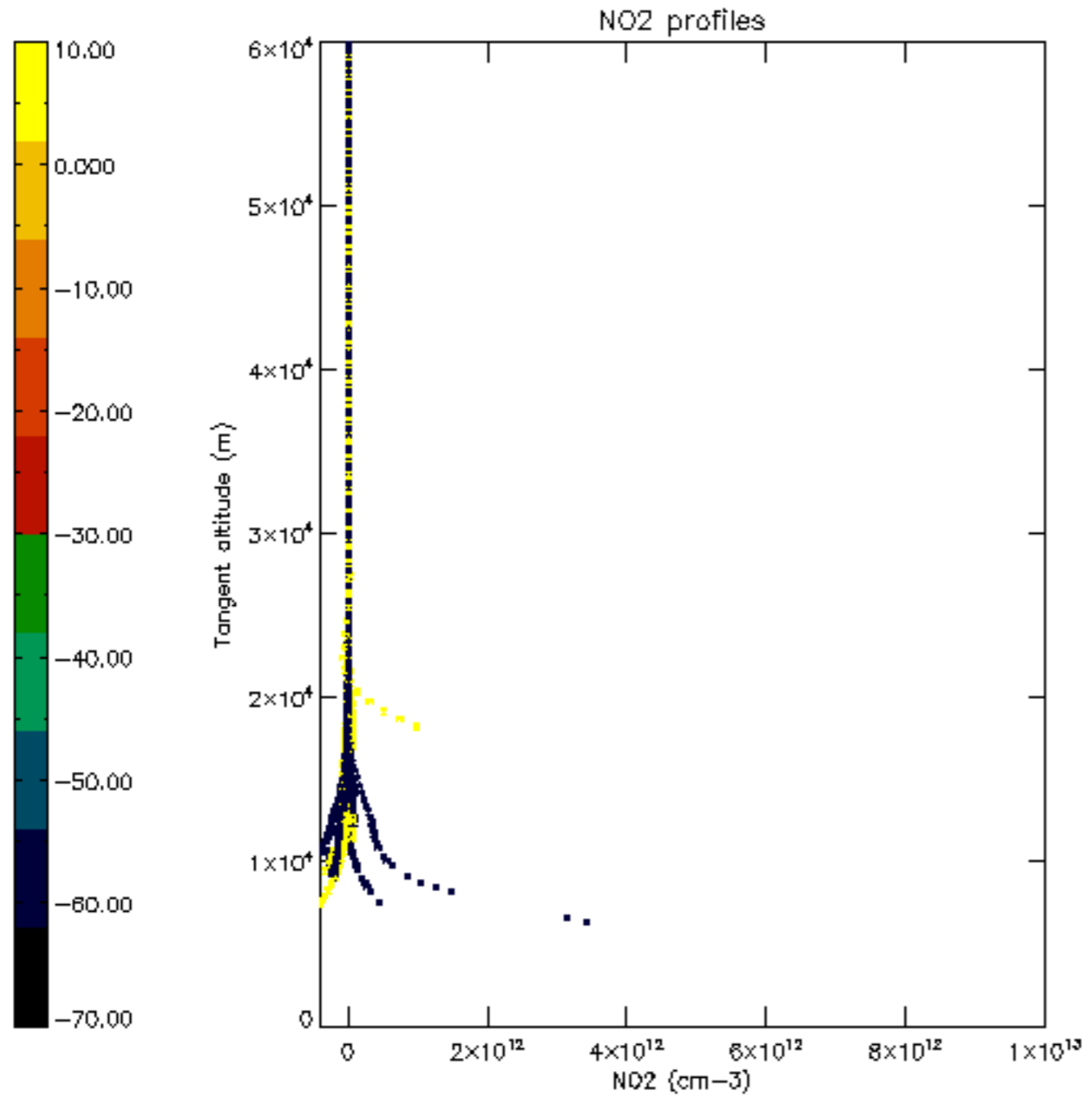


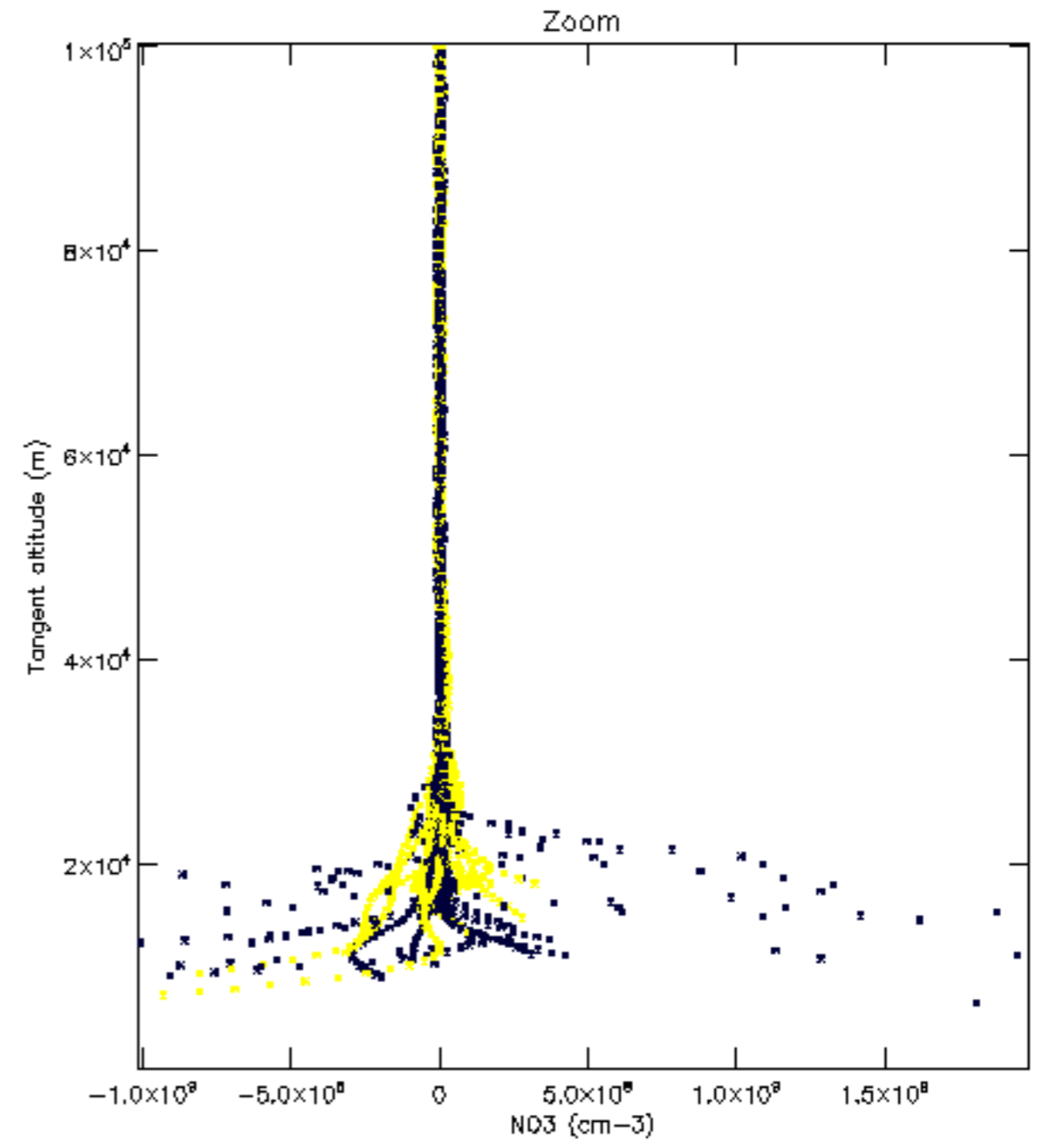
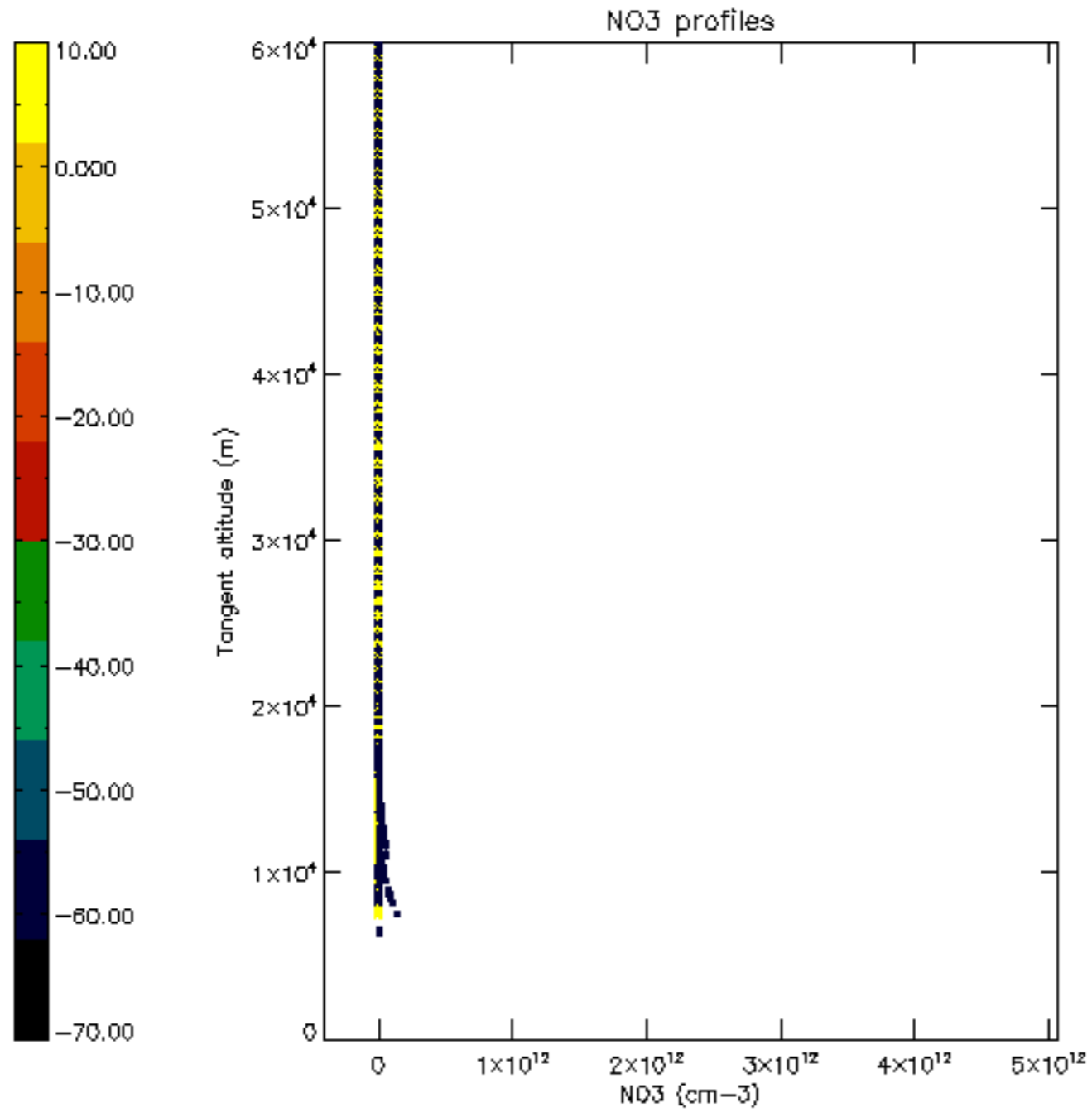


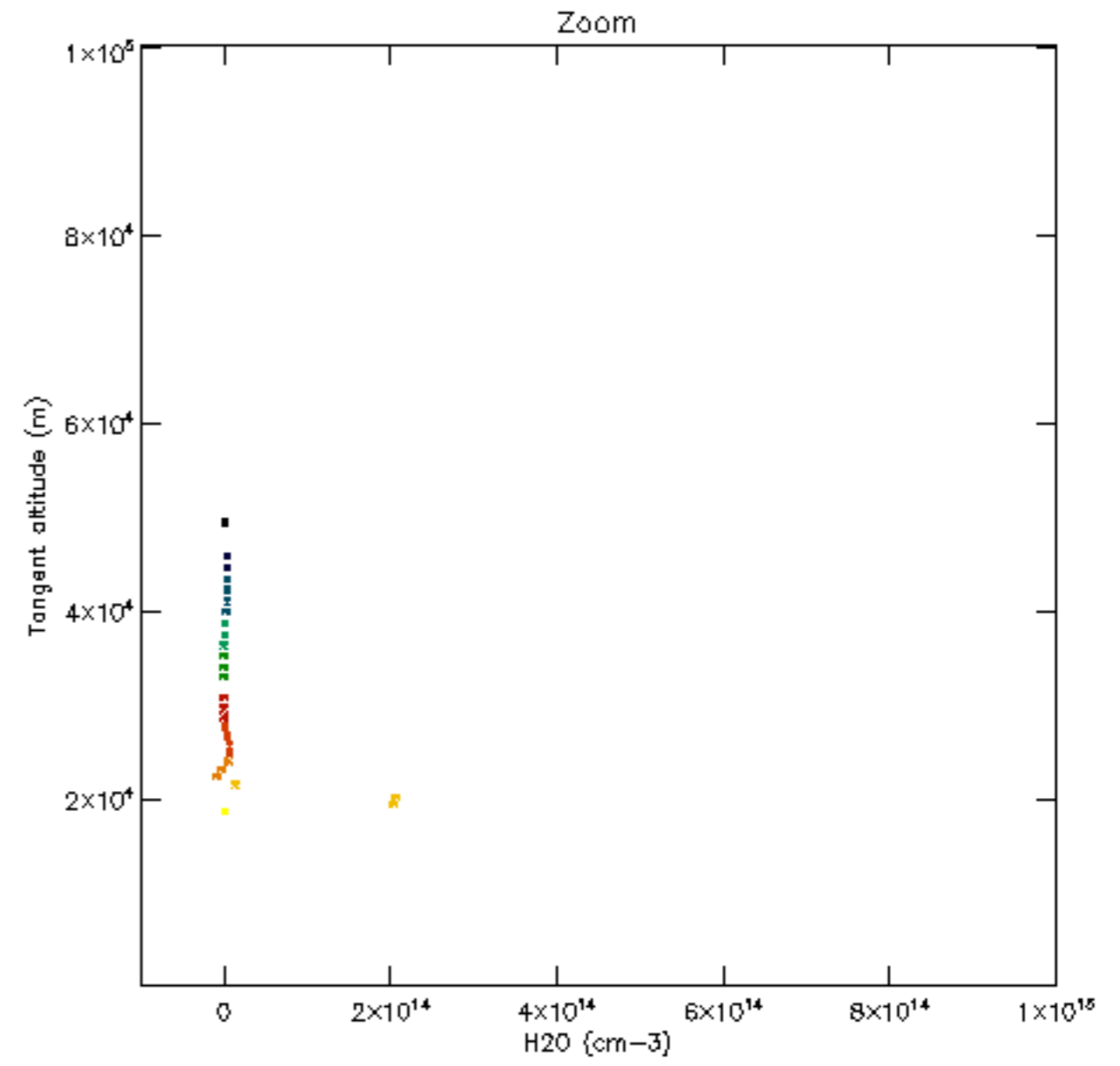
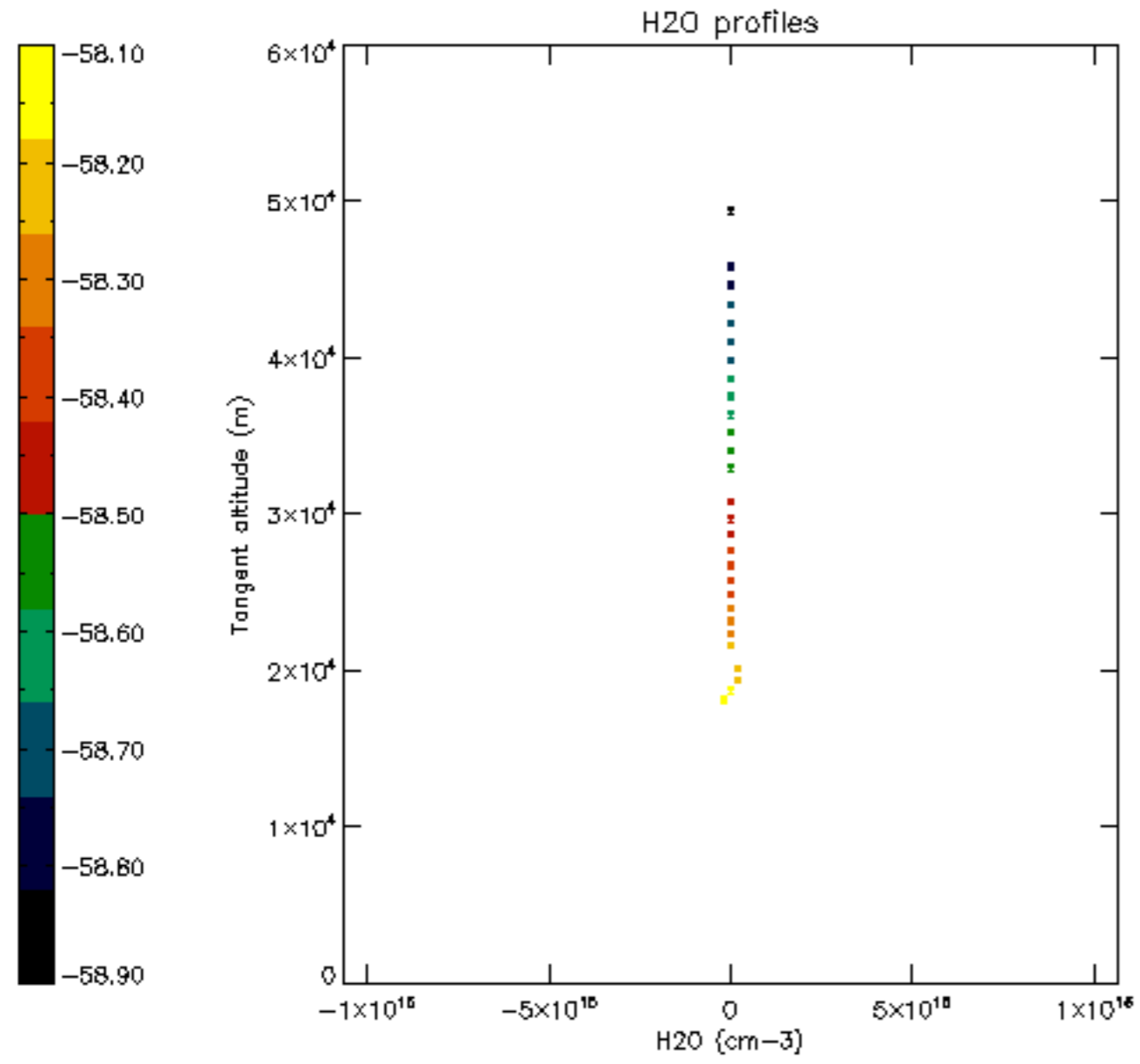


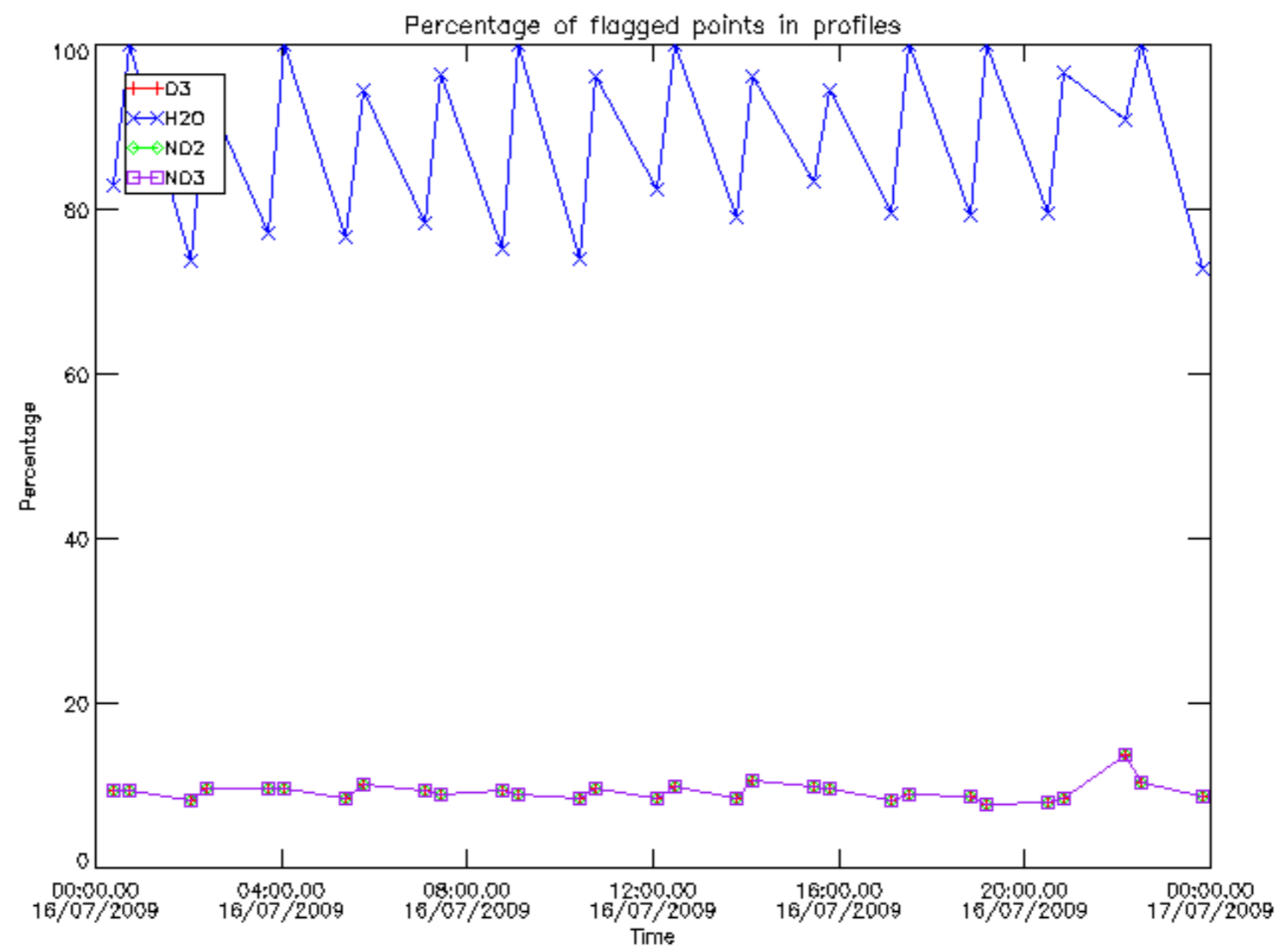




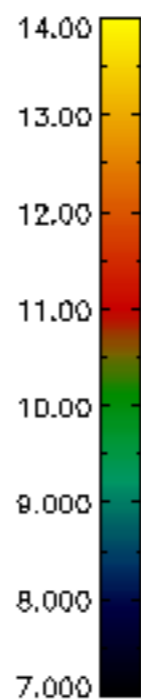
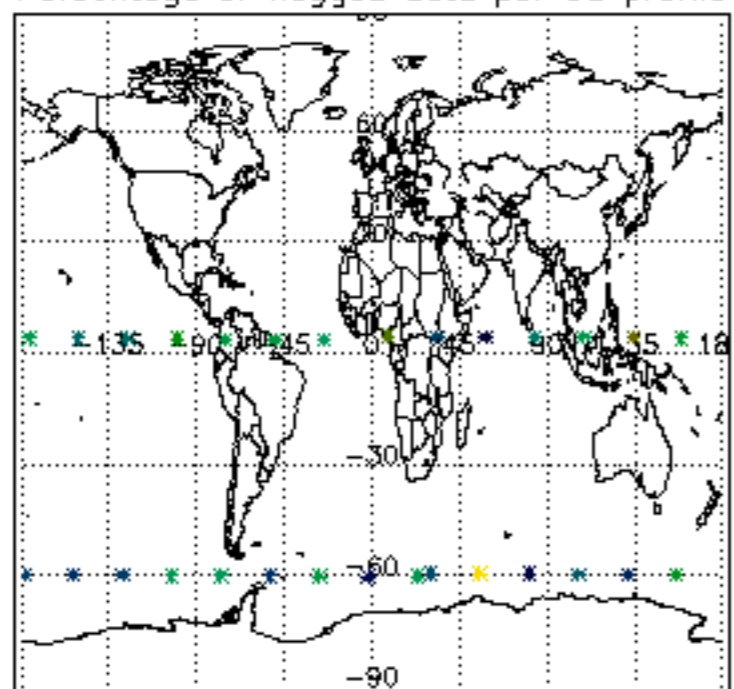




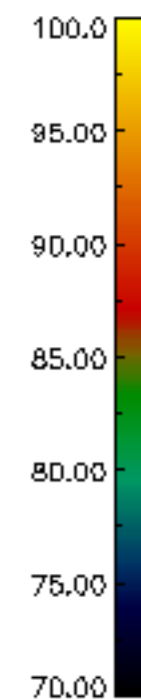
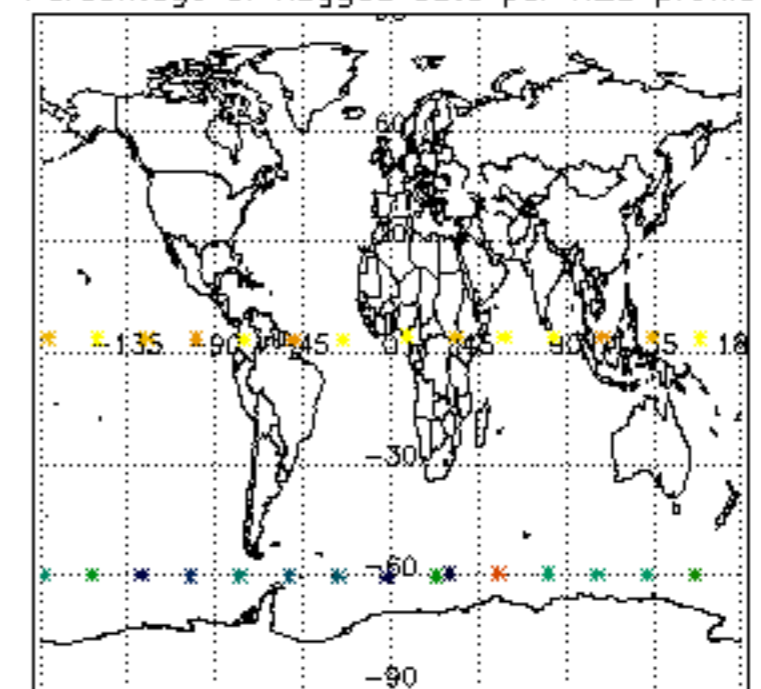




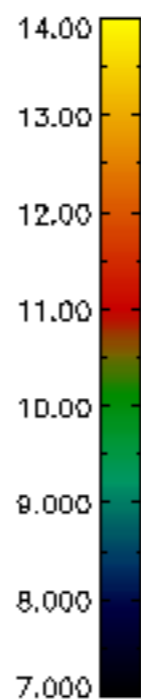
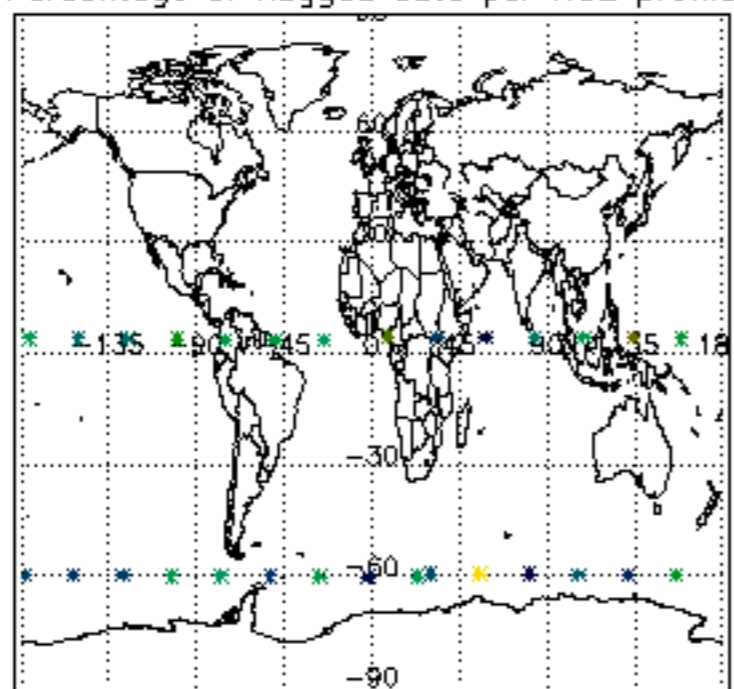
Percentage of flagged data per D3 profile



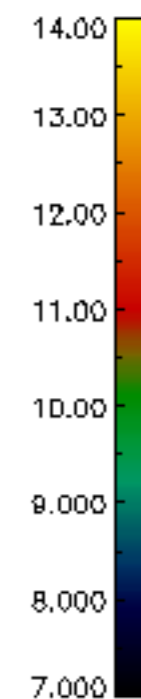
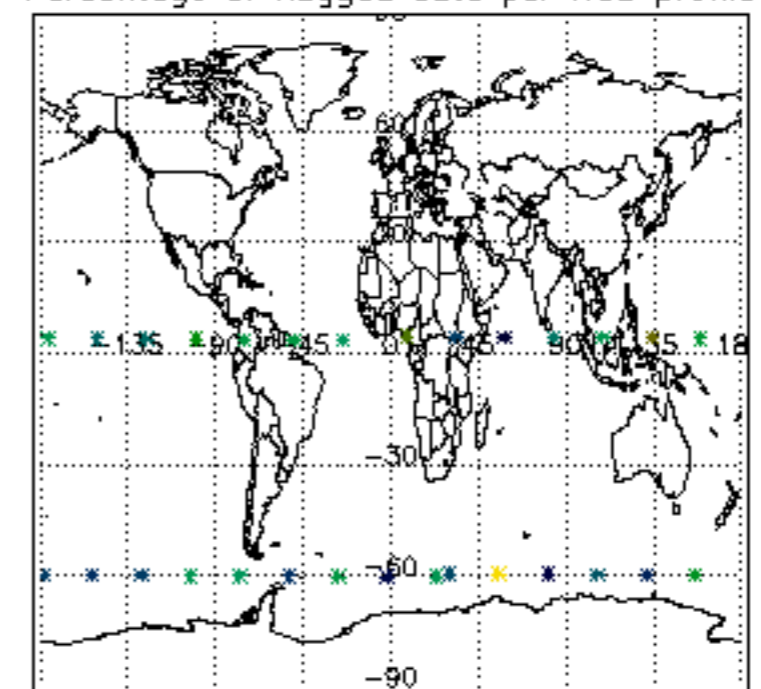
Percentage of flagged data per H2O profile

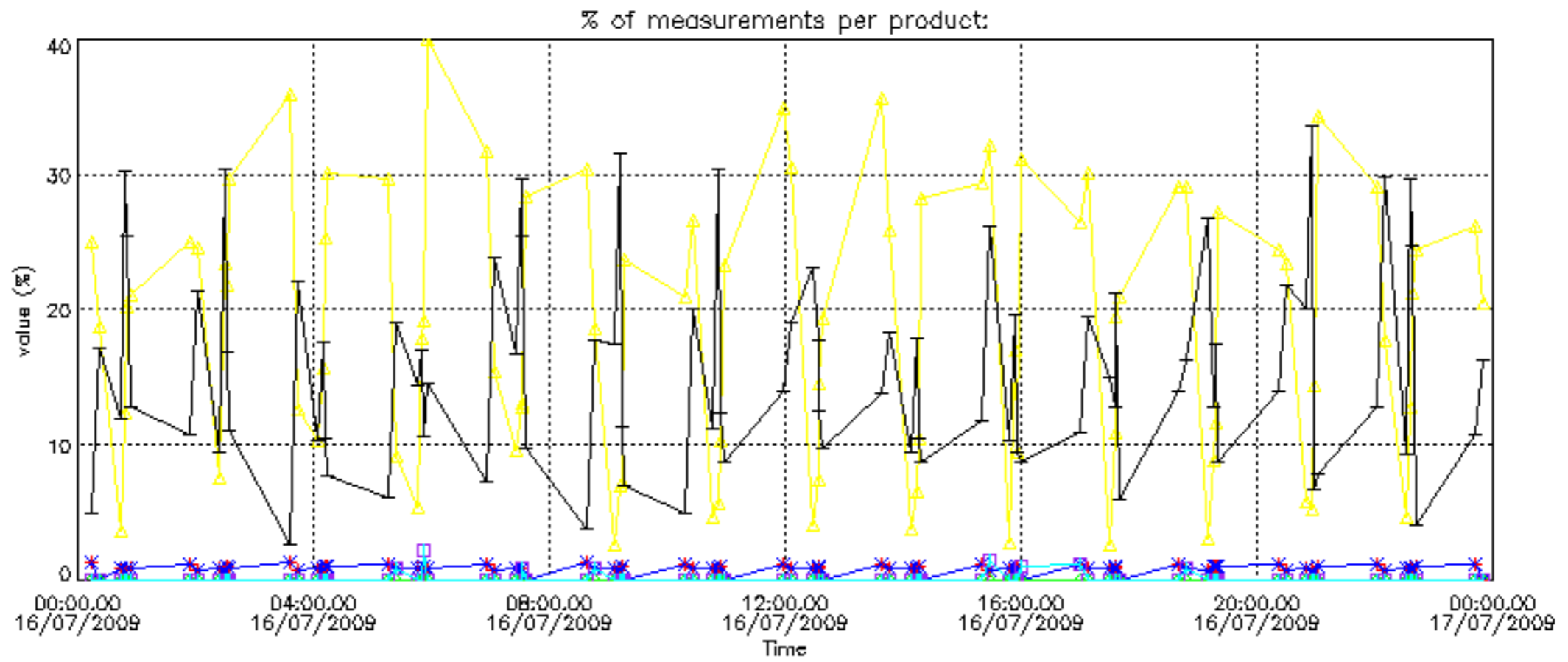


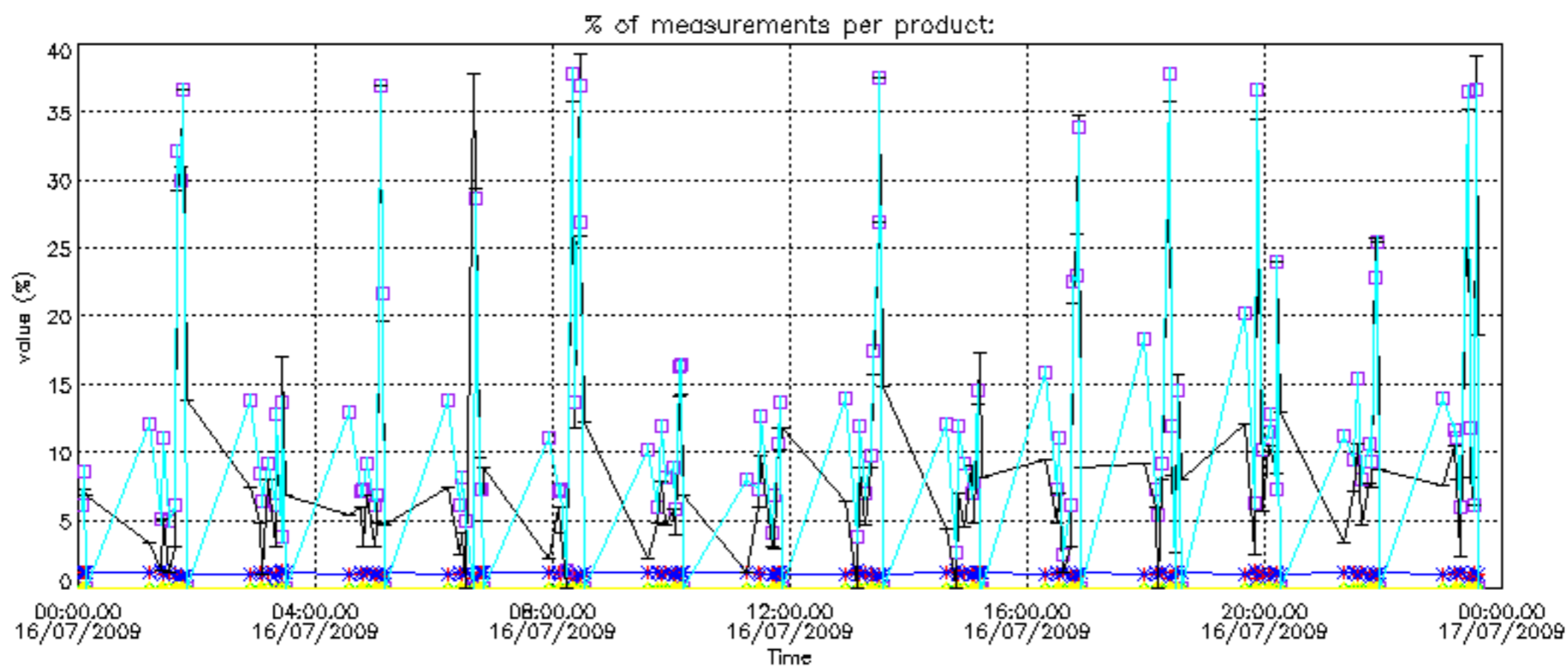
Percentage of flagged data per NO2 profile



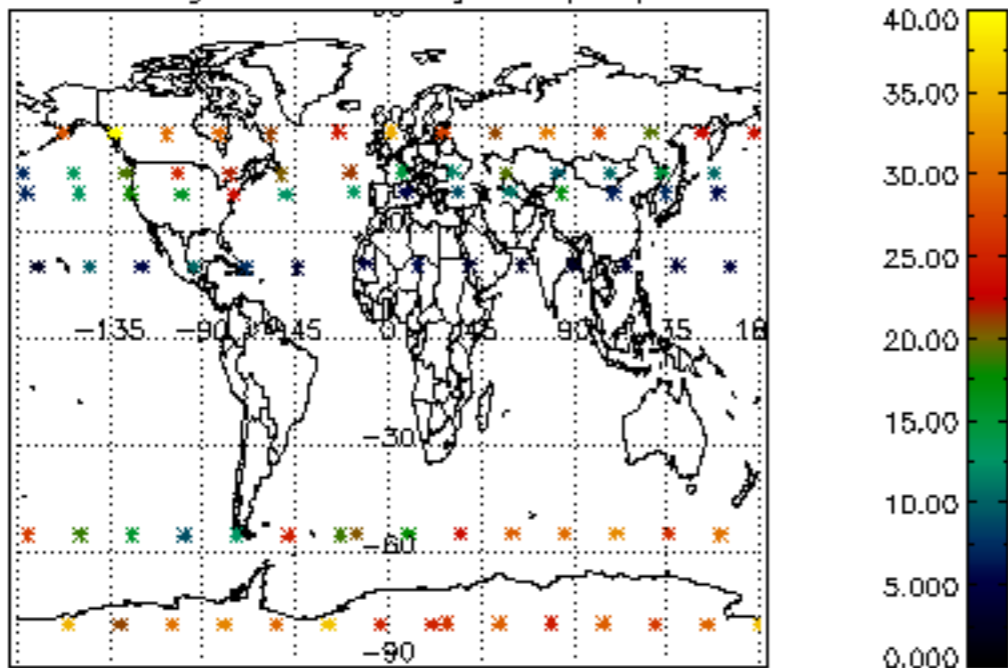
Percentage of flagged data per NO3 profile



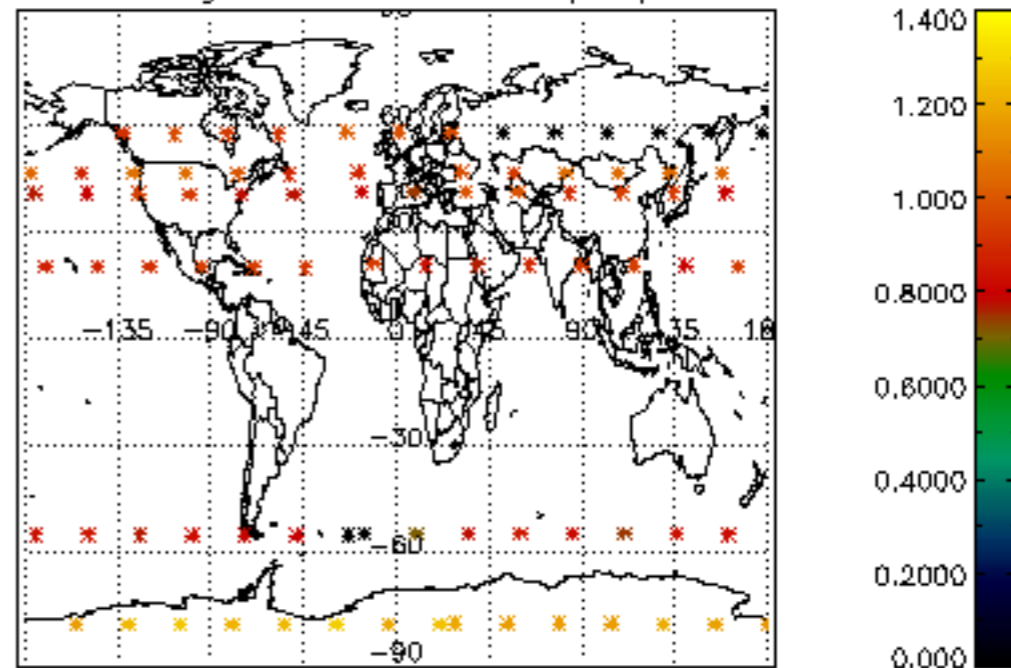




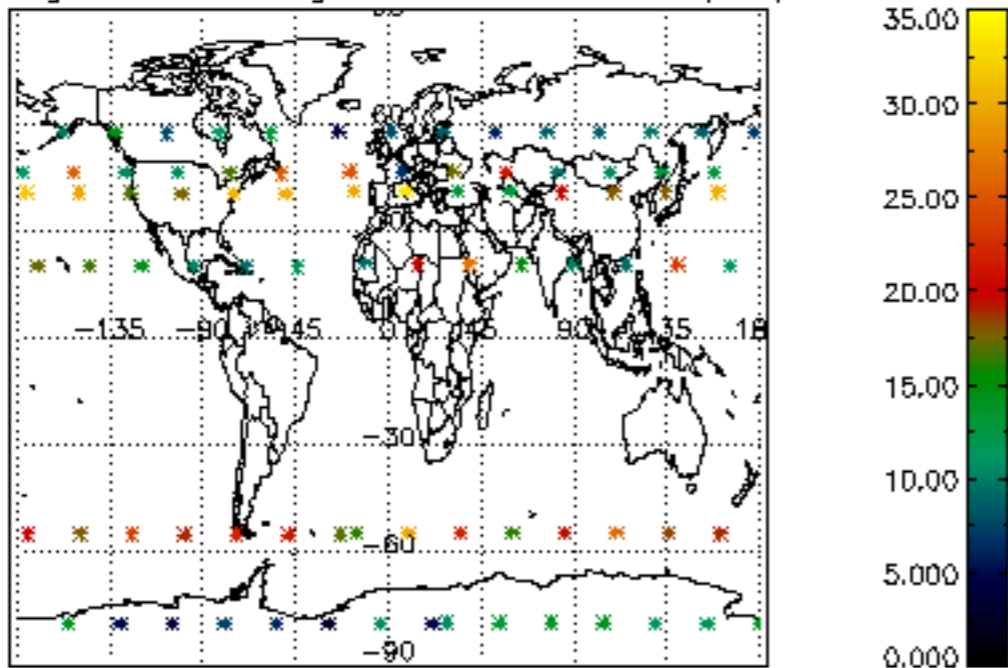
Percentage of cosmic ray hits per profile



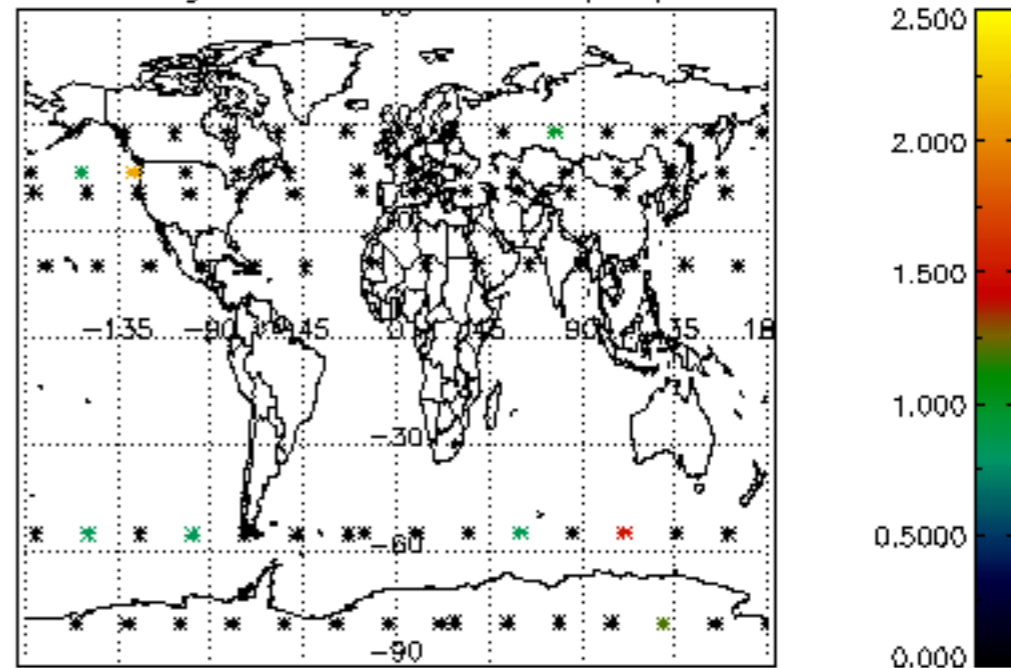
Percentage of datation errors per profile



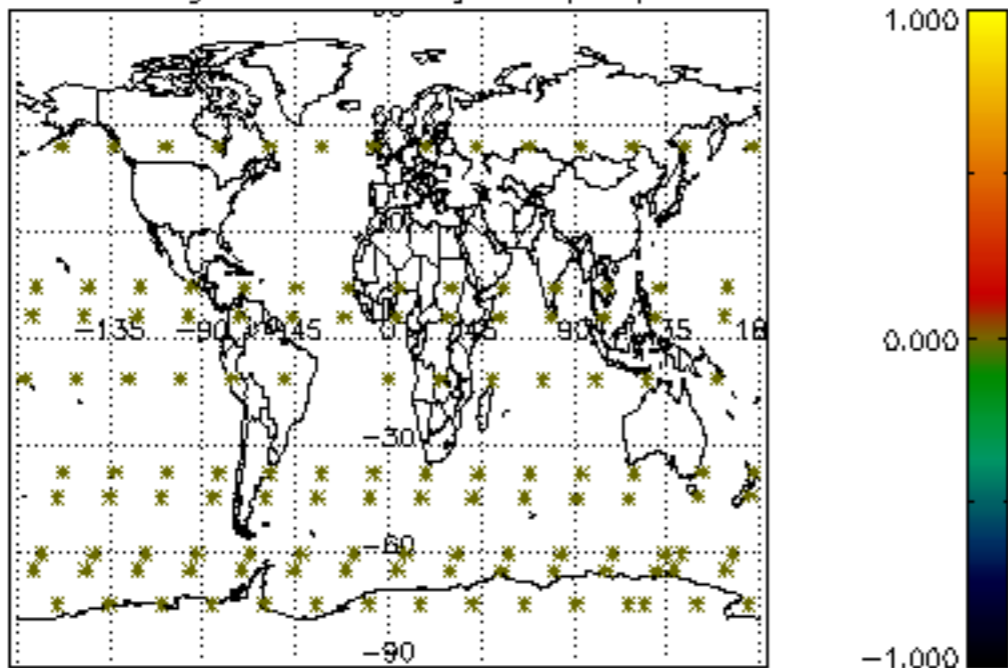
Percentage of star falling outside central band per profile



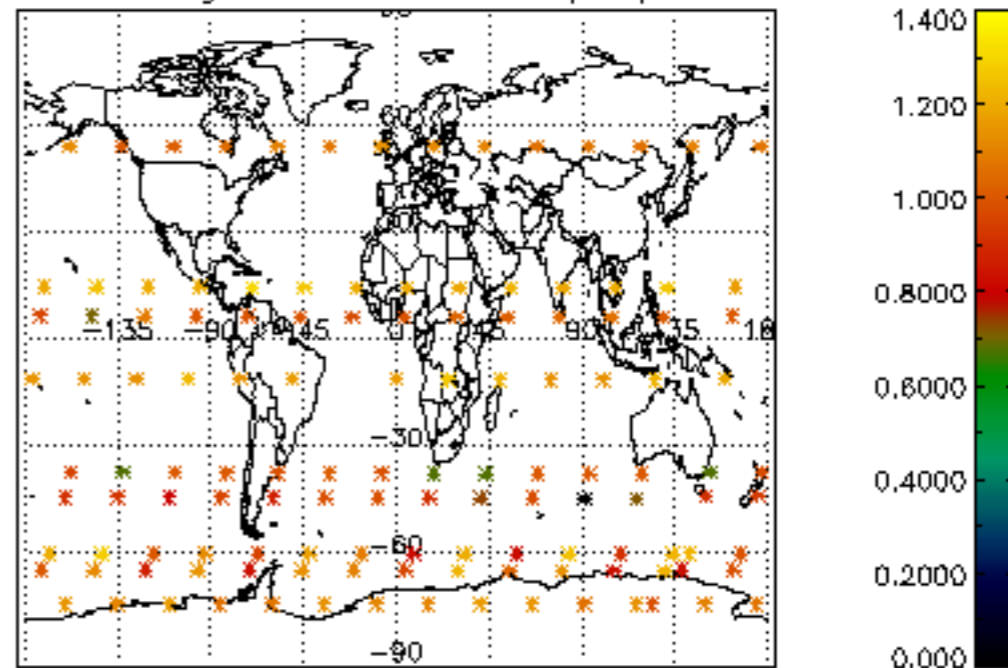
Percentage of saturation errors per profile



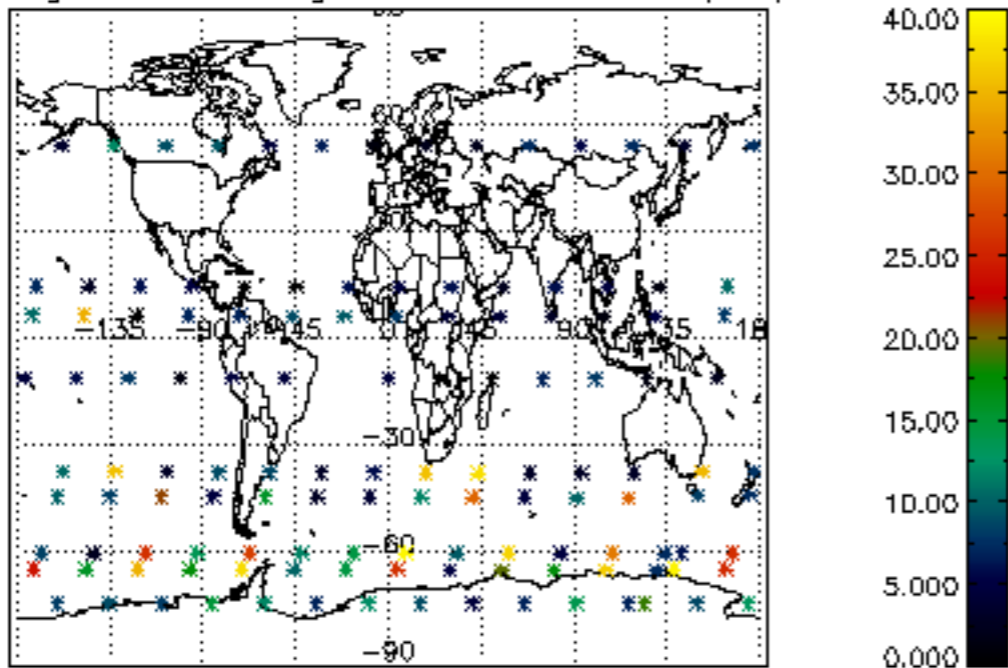
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

