

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 08:43:19 |
| Data source version | GOMOS/6.01 |
| Start time of products | 10-04-2009 (10APR2009 00:00:00) |
| Stop time of products | 11-04-2009 (11APR2009 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 168 |
| 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__2PRFIN20090410_000134_000000372078_00045_37173_6101.N1 | 10-APR-2009 00:01:34 | Straylight | 36.500 | 109 | Bet Lup | 2.6770 | 26000. | 73 | 37173 | No |
| 2 | GOM_NL__2PRFIN20090410_001354_000000362078_00045_37173_6102.N1 | 10-APR-2009 00:13:54 | Bright | 36.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 72 | 37173 | No |
| 3 | GOM_NL__2PRFIN20090410_002103_000000362078_00045_37173_6103.N1 | 10-APR-2009 00:21:03 | Bright | 36.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 72 | 37173 | No |
| 4 | GOM_NL__2PRFIN20090410_002921_000000362078_00045_37173_6104.N1 | 10-APR-2009 00:29:21 | Bright | 36.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 72 | 37173 | No |
| 5 | GOM_NL__2PRFIN20090410_003358_000000392078_00045_37173_6105.N1 | 10-APR-2009 00:33:58 | Bright | 38.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 77 | 37173 | No |
| 6 | GOM_NL__2PRFIN20090410_004242_000000402078_00045_37173_6106.N1 | 10-APR-2009 00:42:42 | Bright | 39.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 79 | 37173 | No |
| 7 | GOM_NL__2PRFIN20090410_005519_000000372078_00045_37173_6107.N1 | 10-APR-2009 00:55:19 | Bright | 37.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 74 | 37173 | No |
| 8 | GOM_NL__2PRFIN20090410_005735_000000342078_00045_37173_6108.N1 | 10-APR-2009 00:57:35 | Bright | 34.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 68 | 37173 | No |
| 9 | GOM_NL__2PRFIN20090410_005953_000000322078_00045_37173_6109.N1 | 10-APR-2009 00:59:53 | Twilight_stray | 31.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 63 | 37173 | No |
| 10 | GOM_NL__2PRFIN20090410_012652_000000572078_00046_37174_6127.N1 | 10-APR-2009 01:26:52 | Dark | 57.000 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 114 | 37174 | No |
| 11 | GOM_NL__2PRFIN20090410_013031_000000582078_00046_37174_6128.N1 | 10-APR-2009 01:30:31 | Dark | 58.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 116 | 37174 | No |
| 12 | GOM_NL__2PRFIN20090410_013440_000000592078_00046_37174_6129.N1 | 10-APR-2009 01:34:40 | Dark | 59.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 118 | 37174 | No |
| 13 | GOM_NL__2PRFIN20090410_014210_000000382078_00046_37174_6130.N1 | 10-APR-2009 01:42:10 | Straylight | 38.000 | 109 | Bet Lup | 2.6770 | 26000. | 76 | 37174 | No |
| 14 | GOM_NL__2PRFIN20090410_015430_000000372078_00046_37174_6131.N1 | 10-APR-2009 01:54:30 | Bright | 37.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 74 | 37174 | No |
| 15 | GOM_NL__2PRFIN20090410_020138_000000372078_00046_37174_6132.N1 | 10-APR-2009 02:01:38 | Bright | 37.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 74 | 37174 | No |
| 16 | GOM_NL__2PRFIN20090410_020956_000000382078_00046_37174_6133.N1 | 10-APR-2009 02:09:56 | Bright | 37.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 75 | 37174 | No |
| 17 | GOM_NL__2PRFIN20090410_021434_000000642078_00046_37174_6134.N1 | 10-APR-2009 02:14:34 | Bright | 64.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 128 | 37174 | No |
| 18 | GOM_NL__2PRFIN20090410_022318_000000402078_00046_37174_6135.N1 | 10-APR-2009 02:23:18 | Bright | 39.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 79 | 37174 | No |
| 19 | GOM_NL__2PRFIN20090410_023555_000000392078_00046_37174_6136.N1 | 10-APR-2009 02:35:55 | Bright | 38.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 77 | 37174 | No |
| 20 | GOM_NL__2PRFIN20090410_023811_000000352078_00046_37174_6137.N1 | 10-APR-2009 02:38:11 | Bright | 35.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 70 | 37174 | No |
| 21 | GOM_NL__2PRFIN20090410_024029_000000342078_00046_37174_6138.N1 | 10-APR-2009 02:40:29 | Bright | 33.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 67 | 37174 | No |
| 22 | GOM_NL__2PRFIN20090410_030729_000000562078_00047_37175_6143.N1 | 10-APR-2009 03:07:29 | Dark | 56.000 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 112 | 37175 | No |
| 23 | GOM_NL__2PRFIN20090410_031109_000000602078_00047_37175_6144.N1 | 10-APR-2009 03:11:09 | Dark | 60.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 120 | 37175 | No |
| 24 | GOM_NL__2PRFIN20090410_031518_000000542078_00047_37175_6145.N1 | 10-APR-2009 03:15:18 | Dark | 54.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 108 | 37175 | No |
| 25 | GOM_NL__2PRFIN20090410_032246_000000372078_00047_37175_6146.N1 | 10-APR-2009 03:22:46 | Straylight | 37.000 | 109 | Bet Lup | 2.6770 | 26000. | 74 | 37175 | No |
| 26 | GOM_NL__2PRFIN20090410_033506_000000362078_00047_37175_6147.N1 | 10-APR-2009 03:35:06 | Bright | 36.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 72 | 37175 | No |
| 27 | GOM_NL__2PRFIN20090410_034214_000000362078_00047_37175_6148.N1 | 10-APR-2009 03:42:14 | Bright | 36.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 72 | 37175 | No |
| 28 | GOM_NL__2PRFIN20090410_035032_000000352078_00047_37175_6149.N1 | 10-APR-2009 03:50:32 | Bright | 35.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 70 | 37175 | No |
| 29 | GOM_NL__2PRFIN20090410_035509_000000382078_00047_37175_6150.N1 | 10-APR-2009 03:55:09 | Bright | 37.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 75 | 37175 | No |
| 30 | GOM_NL__2PRFIN20090410_040353_000000382078_00047_37175_6151.N1 | 10-APR-2009 04:03:53 | Bright | 38.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 76 | 37175 | No |
| 31 | GOM_NL__2PRFIN20090410_041630_000000362078_00047_37175_6152.N1 | 10-APR-2009 04:16:30 | Twilight_stray | 36.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 72 | 37175 | No |
| 32 | GOM_NL__2PRFIN20090410_041846_000000332078_00047_37175_6153.N1 | 10-APR-2009 04:18:46 | Twilight_stray | 33.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 66 | 37175 | No |
| 33 | GOM_NL__2PRFIN20090410_042105_000000312078_00047_37175_6154.N1 | 10-APR-2009 04:21:05 | Twilight_stray | 31.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 62 | 37175 | No |
| 34 | GOM_NL__2PRFIN20090410_044807_000000552078_00048_37176_6159.N1 | 10-APR-2009 04:48:07 | Dark | 55.000 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 110 | 37176 | No |
| 35 | GOM_NL__2PRFIN20090410_045146_000000552078_00048_37176_6160.N1 | 10-APR-2009 04:51:46 | Dark | 54.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 109 | 37176 | No |
| 36 | GOM_NL__2PRFIN20090410_045555_000000542078_00048_37176_6161.N1 | 10-APR-2009 04:55:55 | Dark | 53.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 107 | 37176 | No |
| 37 | GOM_NL__2PRFIN20090410_050323_000000392078_00048_37176_6162.N1 | 10-APR-2009 05:03:23 | Straylight | 38.500 | 109 | Bet Lup | 2.6770 | 26000. | 77 | 37176 | No |
| 38 | GOM_NL__2PRFIN20090410_051542_000000382078_00048_37176_6163.N1 | 10-APR-2009 05:15:42 | Bright | 37.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 75 | 37176 | No |
| 39 | GOM_NL__2PRFIN20090410_052250_000000382078_00048_37176_6164.N1 | 10-APR-2009 05:22:50 | Bright | 37.500 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 75 | 37176 | No |
| 40 | GOM_NL__2PRFIN20090410_053108_000000372078_00048_37176_6165.N1 | 10-APR-2009 05:31:08 | Bright | 37.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 74 | 37176 | No |
| 41 | GOM_NL__2PRFIN20090410_053545_000000402078_00048_37176_6166.N1 | 10-APR-2009 05:35:45 | Bright | 39.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 79 | 37176 | No |
| 42 | GOM_NL__2PRFIN20090410_054428_000000402078_00048_37176_6167.N1 | 10-APR-2009 05:44:28 | Bright | 39.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 79 | 37176 | No |

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|-----|--|----------------------|--------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20090410_055706_000000382078_00048_37176_6168.N1 | 10-APR-2009 05:57:06 | Bright | 37.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 75 | 37176 | No |
| 44 | GOM_NL__2PRFIN20090410_055922_000000352078_00048_37176_6169.N1 | 10-APR-2009 05:59:22 | Bright | 34.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 69 | 37176 | No |
| 45 | GOM_NL__2PRFIN20090410_060142_000000332078_00048_37176_6170.N1 | 10-APR-2009 06:01:42 | Bright | 32.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 65 | 37176 | No |
| 46 | GOM_NL__2PRFIN20090410_062844_000000572078_00049_37177_6177.N1 | 10-APR-2009 06:28:44 | Dark | 56.500 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 113 | 37177 | No |
| 47 | GOM_NL__2PRFIN20090410_063223_000000592078_00049_37177_6178.N1 | 10-APR-2009 06:32:23 | Dark | 58.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 117 | 37177 | No |
| 48 | GOM_NL__2PRFIN20090410_063632_000000672078_00049_37177_6179.N1 | 10-APR-2009 06:36:32 | Dark | 66.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 133 | 37177 | No |
| 49 | GOM_NL__2PRFIN20090410_064400_000000452078_00049_37177_6180.N1 | 10-APR-2009 06:44:00 | Straylight | 44.500 | 109 | Bet Lup | 2.6770 | 26000. | 89 | 37177 | No |
| 50 | GOM_NL__2PRFIN20090410_065618_000000432078_00049_37177_6181.N1 | 10-APR-2009 06:56:18 | Bright | 42.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 85 | 37177 | No |
| 51 | GOM_NL__2PRFIN20090410_070326_000000422078_00049_37177_6182.N1 | 10-APR-2009 07:03:26 | Bright | 42.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 84 | 37177 | No |
| 52 | GOM_NL__2PRFIN20090410_071143_000000412078_00049_37177_6183.N1 | 10-APR-2009 07:11:43 | Bright | 41.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 82 | 37177 | No |
| 53 | GOM_NL__2PRFIN20090410_071620_000000422078_00049_37177_6184.N1 | 10-APR-2009 07:16:20 | Bright | 42.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 84 | 37177 | No |
| 54 | GOM_NL__2PRFIN20090410_072504_000000462078_00049_37177_6185.N1 | 10-APR-2009 07:25:04 | Bright | 46.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 92 | 37177 | No |
| 55 | GOM_NL__2PRFIN20090410_073742_000000432078_00049_37177_6186.N1 | 10-APR-2009 07:37:42 | Bright | 43.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 86 | 37177 | No |
| 56 | GOM_NL__2PRFIN20090410_073958_000000402078_00049_37177_6187.N1 | 10-APR-2009 07:39:58 | Bright | 39.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 79 | 37177 | No |
| 57 | GOM_NL__2PRFIN20090410_074218_000000382078_00049_37177_6188.N1 | 10-APR-2009 07:42:18 | Bright | 37.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 75 | 37177 | No |
| 58 | GOM_NL__2PRFIN20090410_080922_000000562078_00050_37178_6191.N1 | 10-APR-2009 08:09:22 | Dark | 56.000 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 112 | 37178 | No |
| 59 | GOM_NL__2PRFIN20090410_081301_000000562078_00050_37178_6192.N1 | 10-APR-2009 08:13:01 | Dark | 56.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 112 | 37178 | No |
| 60 | GOM_NL__2PRFIN20090410_081710_000000612078_00050_37178_6193.N1 | 10-APR-2009 08:17:10 | Dark | 60.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 121 | 37178 | No |
| 61 | GOM_NL__2PRFIN20090410_082436_000000442078_00050_37178_6194.N1 | 10-APR-2009 08:24:36 | Straylight | 44.000 | 109 | Bet Lup | 2.6770 | 26000. | 88 | 37178 | No |
| 62 | GOM_NL__2PRFIN20090410_083654_000000422078_00050_37178_6195.N1 | 10-APR-2009 08:36:54 | Bright | 41.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 83 | 37178 | No |
| 63 | GOM_NL__2PRFIN20090410_084402_000000432078_00050_37178_6196.N1 | 10-APR-2009 08:44:02 | Bright | 43.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 86 | 37178 | No |
| 64 | GOM_NL__2PRFIN20090410_084758_000000312078_00050_37178_6197.N1 | 10-APR-2009 08:47:58 | Tw_and_stray | 31.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 62 | 37178 | No |
| 65 | GOM_NL__2PRFIN20090410_085219_000000402078_00050_37178_6198.N1 | 10-APR-2009 08:52:19 | Bright | 40.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 80 | 37178 | No |
| 66 | GOM_NL__2PRFIN20090410_085655_000000432078_00050_37178_6199.N1 | 10-APR-2009 08:56:55 | Bright | 43.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 86 | 37178 | No |
| 67 | GOM_NL__2PRFIN20090410_090539_000000462078_00050_37178_6200.N1 | 10-APR-2009 09:05:39 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 37178 | No |
| 68 | GOM_NL__2PRFIN20090410_091818_000000432078_00050_37178_6201.N1 | 10-APR-2009 09:18:18 | Bright | 43.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 86 | 37178 | No |
| 69 | GOM_NL__2PRFIN20090410_092034_000000402078_00050_37178_6202.N1 | 10-APR-2009 09:20:34 | Bright | 39.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 79 | 37178 | No |
| 70 | GOM_NL__2PRFIN20090410_092254_000000382078_00050_37178_6203.N1 | 10-APR-2009 09:22:54 | Bright | 37.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 75 | 37178 | No |
| 71 | GOM_NL__2PRFIN20090410_094959_000000572078_00051_37179_6207.N1 | 10-APR-2009 09:49:59 | Dark | 57.000 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 114 | 37179 | No |
| 72 | GOM_NL__2PRFIN20090410_113416_000000602078_00052_37180_6221.N1 | 10-APR-2009 11:34:16 | Dark | 60.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 120 | 37180 | No |
| 73 | GOM_NL__2PRFIN20090410_113824_000000632078_00052_37180_6222.N1 | 10-APR-2009 11:38:24 | Dark | 63.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 126 | 37180 | No |
| 74 | GOM_NL__2PRFIN20090410_114549_000000442078_00052_37180_6223.N1 | 10-APR-2009 11:45:49 | Straylight | 44.000 | 109 | Bet Lup | 2.6770 | 26000. | 88 | 37180 | No |
| 75 | GOM_NL__2PRFIN20090410_115806_000000422078_00052_37180_6224.N1 | 10-APR-2009 11:58:06 | Bright | 42.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 84 | 37180 | No |
| 76 | GOM_NL__2PRFIN20090410_120513_000000422078_00052_37180_6225.N1 | 10-APR-2009 12:05:13 | Bright | 41.500 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 83 | 37180 | No |
| 77 | GOM_NL__2PRFIN20090410_120909_000000382078_00052_37180_6226.N1 | 10-APR-2009 12:09:09 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 37180 | No |
| 78 | GOM_NL__2PRFIN20090410_121330_000000392078_00052_37180_6227.N1 | 10-APR-2009 12:13:30 | Bright | 39.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 78 | 37180 | No |
| 79 | GOM_NL__2PRFIN20090410_121806_000000482078_00052_37180_6228.N1 | 10-APR-2009 12:18:06 | Bright | 47.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 95 | 37180 | No |
| 80 | GOM_NL__2PRFIN20090410_122649_000000452078_00052_37180_6229.N1 | 10-APR-2009 12:26:49 | Bright | 45.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 90 | 37180 | No |
| 81 | GOM_NL__2PRFIN20090410_123929_000000432078_00052_37180_6230.N1 | 10-APR-2009 12:39:29 | Bright | 43.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 86 | 37180 | No |
| 82 | GOM_NL__2PRFIN20090410_124146_000000392078_00052_37180_6231.N1 | 10-APR-2009 12:41:46 | Bright | 39.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 78 | 37180 | No |
| 83 | GOM_NL__2PRFIN20090410_124406_000000382078_00052_37180_6232.N1 | 10-APR-2009 12:44:06 | Bright | 37.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 75 | 37180 | No |
| 84 | GOM_NL__2PRFIN20090410_131114_000000592078_00053_37181_6248.N1 | 10-APR-2009 13:11:14 | Dark | 59.000 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 118 | 37181 | No |
| 85 | GOM_NL__2PRFIN20090410_131453_000000612078_00053_37181_6249.N1 | 10-APR-2009 13:14:53 | Dark | 60.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 121 | 37181 | No |
| 86 | GOM_NL__2PRFIN20090410_131901_000000632078_00053_37181_6250.N1 | 10-APR-2009 13:19:01 | Dark | 62.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 125 | 37181 | No |
| 87 | GOM_NL__2PRFIN20090410_132626_000000432078_00053_37181_6251.N1 | 10-APR-2009 13:26:26 | Straylight | 43.000 | 109 | Bet Lup | 2.6770 | 26000. | 86 | 37181 | No |
| 88 | GOM_NL__2PRFIN20090410_133842_000000422078_00053_37181_6252.N1 | 10-APR-2009 13:38:42 | Bright | 42.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 84 | 37181 | No |
| 89 | GOM_NL__2PRFIN20090410_134549_000000422078_00053_37181_6253.N1 | 10-APR-2009 13:45:49 | Bright | 41.500 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 83 | 37181 | No |
| 90 | GOM_NL__2PRFIN20090410_134944_000000382078_00053_37181_6254.N1 | 10-APR-2009 13:49:44 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 37181 | No |
| 91 | GOM_NL__2PRFIN20090410_135406_000000382078_00053_37181_6255.N1 | 10-APR-2009 13:54:06 | Bright | 37.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 75 | 37181 | No |
| 92 | GOM_NL__2PRFIN20090410_135841_000000432078_00053_37181_6256.N1 | 10-APR-2009 13:58:41 | Bright | 43.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 86 | 37181 | No |
| 93 | GOM_NL__2PRFIN20090410_142005_000000432078_00053_37181_6257.N1 | 10-APR-2009 14:20:05 | Bright | 43.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 86 | 37181 | No |
| 94 | GOM_NL__2PRFIN20090410_142222_000000402078_00053_37181_6258.N1 | 10-APR-2009 14:22:22 | Bright | 39.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 79 | 37181 | No |
| 95 | GOM_NL__2PRFIN20090410_142442_000000372078_00053_37181_6259.N1 | 10-APR-2009 14:24:42 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 37181 | No |
| 96 | GOM_NL__2PRFIN20090410_145151_000000582078_00054_37182_6262.N1 | 10-APR-2009 14:51:51 | Dark | 58.000 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 116 | 37182 | No |
| 97 | GOM_NL__2PRFIN20090410_145530_000000602078_00054_37182_6263.N1 | 10-APR-2009 14:55:30 | Dark | 59.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 119 | 37182 | No |
| 98 | GOM_NL__2PRFIN20090410_145939_000000622078_00054_37182_6264.N1 | 10-APR-2009 14:59:39 | Dark | 61.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 123 | 37182 | No |
| 99 | GOM_NL__2PRFIN20090410_150702_000000432078_00054_37182_6265.N1 | 10-APR-2009 15:07:02 | Straylight | 42.500 | 109 | Bet Lup | 2.6770 | 26000. | 85 | 37182 | No |
| 100 | GOM_NL__2PRFIN20090410_151918_000000422078_00054_37182_6266.N1 | 10-APR-2009 15:19:18 | Bright | 41.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 83 | 37182 | No |
| 101 | GOM_NL__2PRFIN20090410_152624_000000422078_00054_37182_6267.N1 | 10-APR-2009 15:26:24 | Bright | 42.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 84 | 37182 | No |

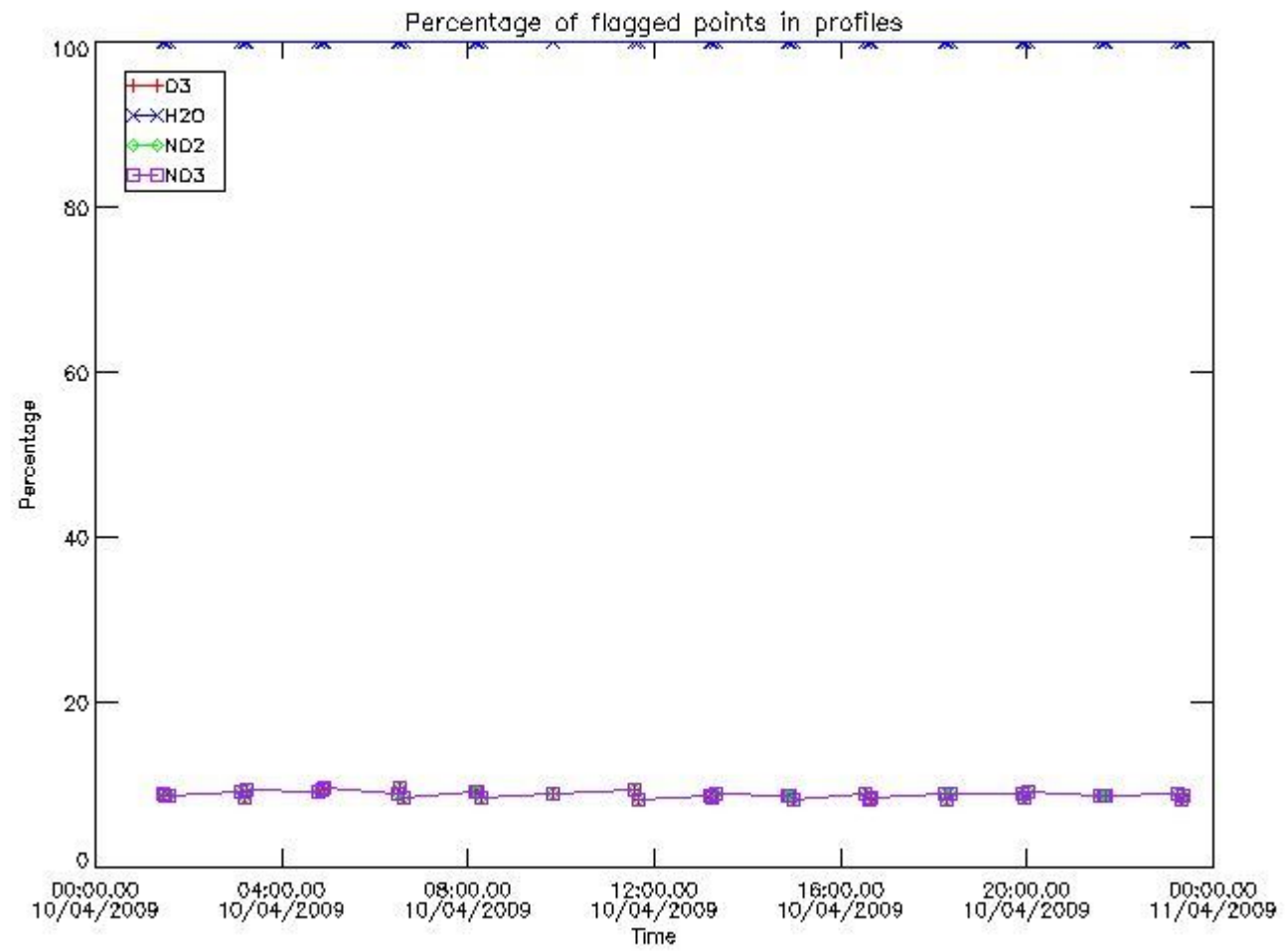
| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20090410_153019_000000452078_00054_37182_6268.N1 | 10-APR-2009 15:30:19 | Bright | 45.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 90 | 37182 | No |
| 103 | GOM_NL__2PRFIN20090410_153441_000000422078_00054_37182_6269.N1 | 10-APR-2009 15:34:41 | Bright | 42.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 84 | 37182 | No |
| 104 | GOM_NL__2PRFIN20090410_153916_000000562078_00054_37182_6270.N1 | 10-APR-2009 15:39:16 | Bright | 56.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 112 | 37182 | No |
| 105 | GOM_NL__2PRFIN20090410_154759_000000452078_00054_37182_6271.N1 | 10-APR-2009 15:47:59 | Bright | 44.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 89 | 37182 | No |
| 106 | GOM_NL__2PRFIN20090410_160040_000000432078_00054_37182_6272.N1 | 10-APR-2009 16:00:40 | Bright | 42.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 85 | 37182 | No |
| 107 | GOM_NL__2PRFIN20090410_160258_000000392078_00054_37182_6273.N1 | 10-APR-2009 16:02:58 | Bright | 38.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 77 | 37182 | No |
| 108 | GOM_NL__2PRFIN20090410_160518_000000372078_00054_37182_6274.N1 | 10-APR-2009 16:05:18 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 37182 | No |
| 109 | GOM_NL__2PRFIN20090410_163229_000000572078_00055_37183_6276.N1 | 10-APR-2009 16:32:29 | Dark | 56.500 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 113 | 37183 | No |
| 110 | GOM_NL__2PRFIN20090410_163608_000000632078_00055_37183_6277.N1 | 10-APR-2009 16:36:08 | Dark | 62.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 125 | 37183 | No |
| 111 | GOM_NL__2PRFIN20090410_164016_000000612078_00055_37183_6278.N1 | 10-APR-2009 16:40:16 | Dark | 60.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 121 | 37183 | No |
| 112 | GOM_NL__2PRFIN20090410_164739_000000422078_00055_37183_6279.N1 | 10-APR-2009 16:47:39 | Straylight | 42.000 | 109 | Bet Lup | 2.6770 | 26000. | 84 | 37183 | No |
| 113 | GOM_NL__2PRFIN20090410_165954_000000422078_00055_37183_6280.N1 | 10-APR-2009 16:59:54 | Bright | 41.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 83 | 37183 | No |
| 114 | GOM_NL__2PRFIN20090410_170700_000000422078_00055_37183_6281.N1 | 10-APR-2009 17:07:00 | Bright | 42.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 84 | 37183 | No |
| 115 | GOM_NL__2PRFIN20090410_171055_000000452078_00055_37183_6282.N1 | 10-APR-2009 17:10:55 | Bright | 45.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 90 | 37183 | No |
| 116 | GOM_NL__2PRFIN20090410_171517_000000412078_00055_37183_6283.N1 | 10-APR-2009 17:15:17 | Bright | 41.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 82 | 37183 | No |
| 117 | GOM_NL__2PRFIN20090410_171952_000000502078_00055_37183_6284.N1 | 10-APR-2009 17:19:52 | Bright | 50.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 100 | 37183 | No |
| 118 | GOM_NL__2PRFIN20090410_172835_000000462078_00055_37183_6285.N1 | 10-APR-2009 17:28:35 | Bright | 46.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 92 | 37183 | No |
| 119 | GOM_NL__2PRFIN20090410_174116_000000432078_00055_37183_6286.N1 | 10-APR-2009 17:41:16 | Bright | 43.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 86 | 37183 | No |
| 120 | GOM_NL__2PRFIN20090410_174333_000000412078_00055_37183_6287.N1 | 10-APR-2009 17:43:33 | Bright | 40.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 81 | 37183 | No |
| 121 | GOM_NL__2PRFIN20090410_174554_000000372078_00055_37183_6288.N1 | 10-APR-2009 17:45:54 | Bright | 36.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 73 | 37183 | No |
| 122 | GOM_NL__2PRFIN20090410_181306_000000572078_00056_37184_6312.N1 | 10-APR-2009 18:13:06 | Dark | 56.500 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 113 | 37184 | No |
| 123 | GOM_NL__2PRFIN20090410_181645_000000622078_00056_37184_6313.N1 | 10-APR-2009 18:16:45 | Dark | 62.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 124 | 37184 | No |
| 124 | GOM_NL__2PRFIN20090410_182053_000000572078_00056_37184_6314.N1 | 10-APR-2009 18:20:53 | Dark | 57.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 114 | 37184 | No |
| 125 | GOM_NL__2PRFIN20090410_182815_000000442078_00056_37184_6315.N1 | 10-APR-2009 18:28:15 | Straylight | 43.500 | 109 | Bet Lup | 2.6770 | 26000. | 87 | 37184 | No |
| 126 | GOM_NL__2PRFIN20090410_184030_000000422078_00056_37184_6316.N1 | 10-APR-2009 18:40:30 | Bright | 42.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 84 | 37184 | No |
| 127 | GOM_NL__2PRFIN20090410_184736_000000422078_00056_37184_6317.N1 | 10-APR-2009 18:47:36 | Bright | 42.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 84 | 37184 | No |
| 128 | GOM_NL__2PRFIN20090410_185130_000000512078_00056_37184_6318.N1 | 10-APR-2009 18:51:30 | Bright | 51.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 102 | 37184 | No |
| 129 | GOM_NL__2PRFIN20090410_185552_000000402078_00056_37184_6319.N1 | 10-APR-2009 18:55:52 | Bright | 39.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 79 | 37184 | No |
| 130 | GOM_NL__2PRFIN20090410_190027_000000492078_00056_37184_6320.N1 | 10-APR-2009 19:00:27 | Bright | 48.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 97 | 37184 | No |
| 131 | GOM_NL__2PRFIN20090410_190910_000000462078_00056_37184_6321.N1 | 10-APR-2009 19:09:10 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 37184 | No |
| 132 | GOM_NL__2PRFIN20090410_192152_000000432078_00056_37184_6322.N1 | 10-APR-2009 19:21:52 | Bright | 42.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 85 | 37184 | No |
| 133 | GOM_NL__2PRFIN20090410_192410_000000392078_00056_37184_6323.N1 | 10-APR-2009 19:24:10 | Bright | 38.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 77 | 37184 | No |
| 134 | GOM_NL__2PRFIN20090410_192630_000000372078_00056_37184_6324.N1 | 10-APR-2009 19:26:30 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 37184 | No |
| 135 | GOM_NL__2PRFIN20090410_195344_000000582078_00057_37185_6331.N1 | 10-APR-2009 19:53:44 | Dark | 57.500 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 115 | 37185 | No |
| 136 | GOM_NL__2PRFIN20090410_195723_000000612078_00057_37185_6332.N1 | 10-APR-2009 19:57:23 | Dark | 60.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 121 | 37185 | No |
| 137 | GOM_NL__2PRFIN20090410_200131_000000612078_00057_37185_6333.N1 | 10-APR-2009 20:01:31 | Dark | 61.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 122 | 37185 | No |
| 138 | GOM_NL__2PRFIN20090410_200852_000000432078_00057_37185_6334.N1 | 10-APR-2009 20:08:52 | Straylight | 43.000 | 109 | Bet Lup | 2.6770 | 26000. | 86 | 37185 | No |
| 139 | GOM_NL__2PRFIN20090410_202106_000000442078_00057_37185_6335.N1 | 10-APR-2009 20:21:06 | Bright | 44.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 88 | 37185 | No |
| 140 | GOM_NL__2PRFIN20090410_202812_000000412078_00057_37185_6336.N1 | 10-APR-2009 20:28:12 | Bright | 41.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 82 | 37185 | No |
| 141 | GOM_NL__2PRFIN20090410_203205_000000512078_00057_37185_6337.N1 | 10-APR-2009 20:32:05 | Bright | 51.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 102 | 37185 | No |
| 142 | GOM_NL__2PRFIN20090410_203628_000000572078_00057_37185_6338.N1 | 10-APR-2009 20:36:28 | Bright | 56.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 113 | 37185 | No |
| 143 | GOM_NL__2PRFIN20090410_204103_000000472078_00057_37185_6339.N1 | 10-APR-2009 20:41:03 | Bright | 46.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 93 | 37185 | No |
| 144 | GOM_NL__2PRFIN20090410_204945_000000462078_00057_37185_6340.N1 | 10-APR-2009 20:49:45 | Bright | 46.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 92 | 37185 | No |
| 145 | GOM_NL__2PRFIN20090410_210228_000000432078_00057_37185_6341.N1 | 10-APR-2009 21:02:28 | Bright | 43.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 86 | 37185 | No |
| 146 | GOM_NL__2PRFIN20090410_210445_000000402078_00057_37185_6342.N1 | 10-APR-2009 21:04:45 | Bright | 39.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 79 | 37185 | No |
| 147 | GOM_NL__2PRFIN20090410_210706_000000372078_00057_37185_6343.N1 | 10-APR-2009 21:07:06 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 37185 | No |
| 148 | GOM_NL__2PRFIN20090410_213421_000000592078_00058_37186_6348.N1 | 10-APR-2009 21:34:21 | Dark | 58.500 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 117 | 37186 | No |
| 149 | GOM_NL__2PRFIN20090410_213800_000000592078_00058_37186_6349.N1 | 10-APR-2009 21:38:00 | Dark | 59.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 118 | 37186 | No |
| 150 | GOM_NL__2PRFIN20090410_214208_000000602078_00058_37186_6350.N1 | 10-APR-2009 21:42:08 | Dark | 59.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 119 | 37186 | No |
| 151 | GOM_NL__2PRFIN20090410_214928_000000442078_00058_37186_6351.N1 | 10-APR-2009 21:49:28 | Straylight | 44.000 | 109 | Bet Lup | 2.6770 | 26000. | 88 | 37186 | No |
| 152 | GOM_NL__2PRFIN20090410_220142_000000432078_00058_37186_6352.N1 | 10-APR-2009 22:01:42 | Bright | 43.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 86 | 37186 | No |
| 153 | GOM_NL__2PRFIN20090410_220847_000000422078_00058_37186_6353.N1 | 10-APR-2009 22:08:47 | Bright | 42.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 84 | 37186 | No |
| 154 | GOM_NL__2PRFIN20090410_221240_000000522078_00058_37186_6354.N1 | 10-APR-2009 22:12:40 | Bright | 51.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 103 | 37186 | No |
| 155 | GOM_NL__2PRFIN20090410_221703_000000562078_00058_37186_6355.N1 | 10-APR-2009 22:17:03 | Bright | 55.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 111 | 37186 | No |
| 156 | GOM_NL__2PRFIN20090410_222138_000000442078_00058_37186_6356.N1 | 10-APR-2009 22:21:38 | Bright | 44.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 88 | 37186 | No |
| 157 | GOM_NL__2PRFIN20090410_223020_000000472078_00058_37186_6357.N1 | 10-APR-2009 22:30:20 | Bright | 46.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 93 | 37186 | No |
| 158 | GOM_NL__2PRFIN20090410_224303_000000442078_00058_37186_6358.N1 | 10-APR-2009 22:43:03 | Bright | 44.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 88 | 37186 | No |
| 159 | GOM_NL__2PRFIN20090410_224521_000000392078_00058_37186_6359.N1 | 10-APR-2009 22:45:21 | Bright | 39.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 78 | 37186 | No |
| 160 | GOM_NL__2PRFIN20090410_224742_000000372078_00058_37186_6360.N1 | 10-APR-2009 22:47:42 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 37186 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20090410_231459_000000582078_00059_37187_6365.N1 | 10-APR-2009 23:14:59 | Dark | 57.500 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 115 | 37187 | No |
| 162 | GOM_NL__2PRFIN20090410_231837_000000622078_00059_37187_6366.N1 | 10-APR-2009 23:18:37 | Dark | 62.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 124 | 37187 | No |
| 163 | GOM_NL__2PRFIN20090410_232245_000000582078_00059_37187_6367.N1 | 10-APR-2009 23:22:45 | Dark | 58.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 116 | 37187 | No |
| 164 | GOM_NL__2PRFIN20090410_233005_000000432078_00059_37187_6368.N1 | 10-APR-2009 23:30:05 | Straylight | 42.500 | 109 | Bet Lup | 2.6770 | 26000. | 85 | 37187 | No |
| 165 | GOM_NL__2PRFIN20090410_234218_000000422078_00059_37187_6369.N1 | 10-APR-2009 23:42:18 | Bright | 41.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 83 | 37187 | No |
| 166 | GOM_NL__2PRFIN20090410_234923_000000422078_00059_37187_6370.N1 | 10-APR-2009 23:49:23 | Bright | 42.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 84 | 37187 | No |
| 167 | GOM_NL__2PRFIN20090410_235315_000000512078_00059_37187_6371.N1 | 10-APR-2009 23:53:15 | Bright | 50.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 101 | 37187 | No |
| 168 | GOM_NL__2PRFIN20090410_235739_000000432078_00059_37187_6372.N1 | 10-APR-2009 23:57:39 | Bright | 43.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 86 | 37187 | No |

3. Quality information per product

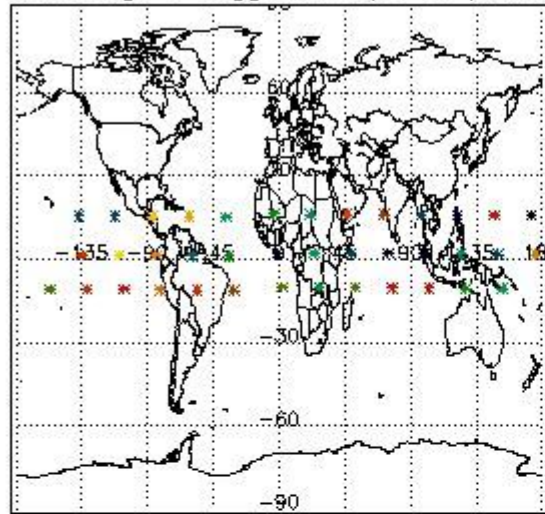
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

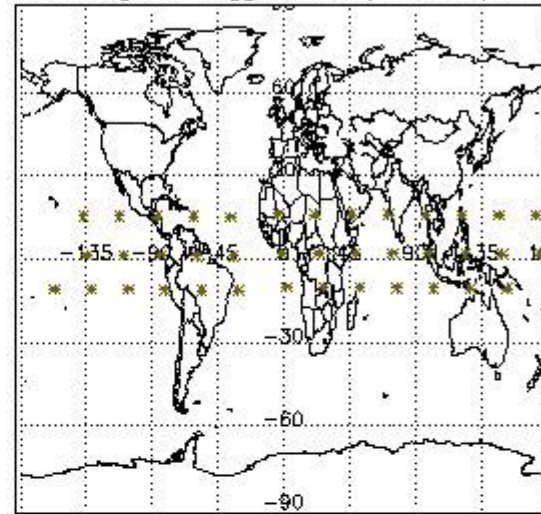


3.2 Plot quality information per product (world map)

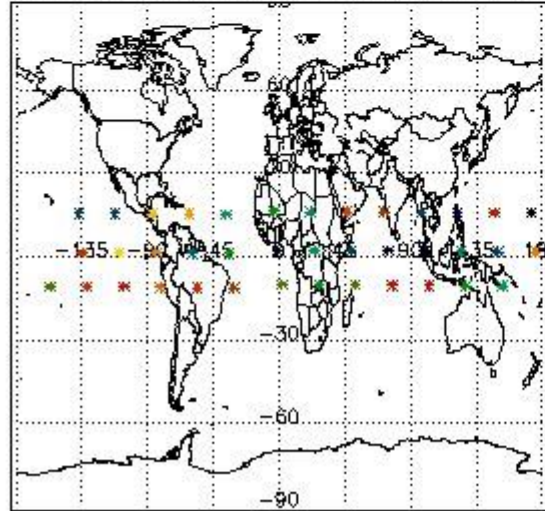
Percentage of flagged data per O3 profile



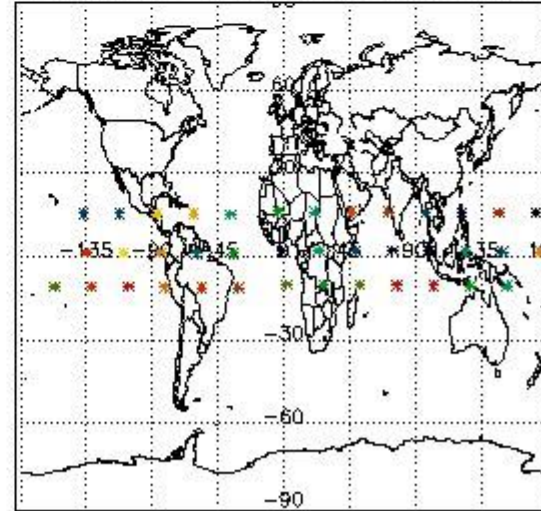
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

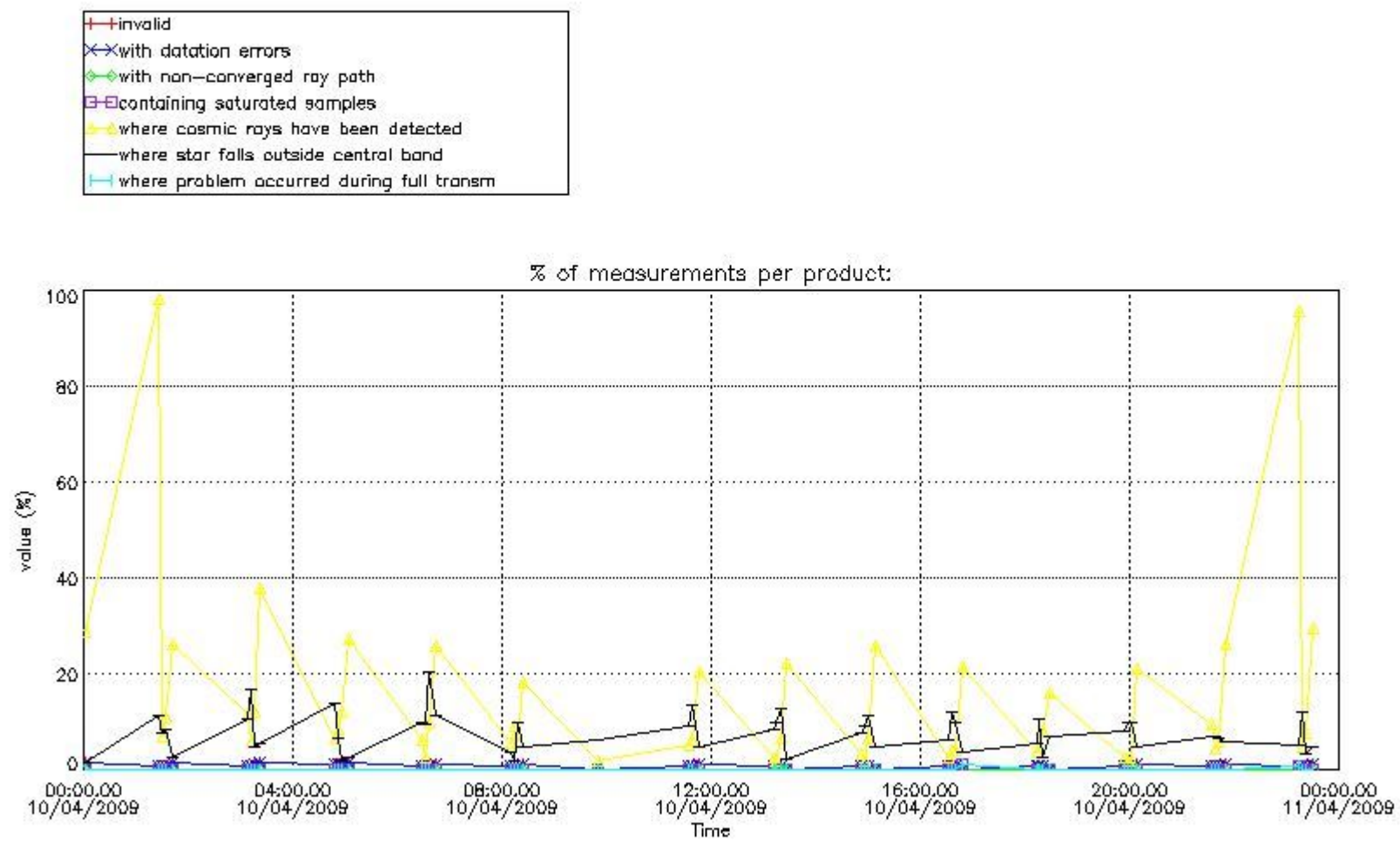


4. Level 1 quality information per product

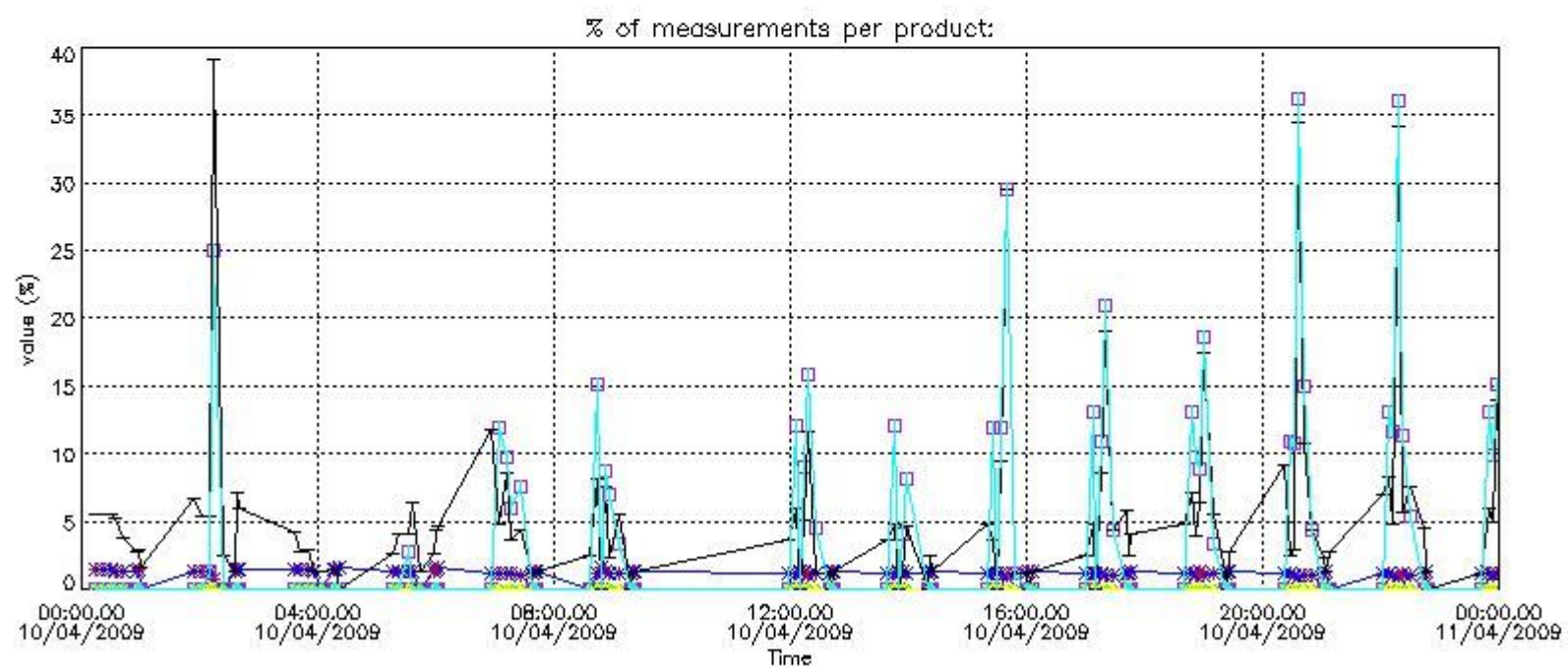
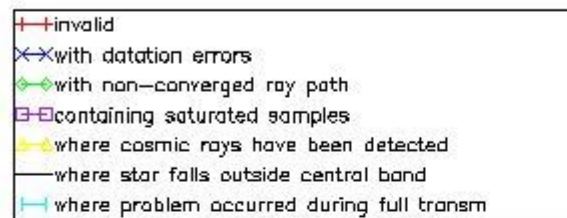
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



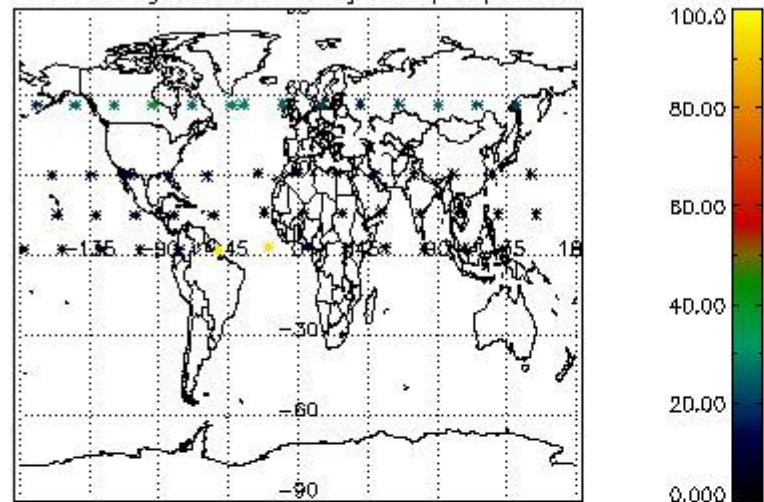
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



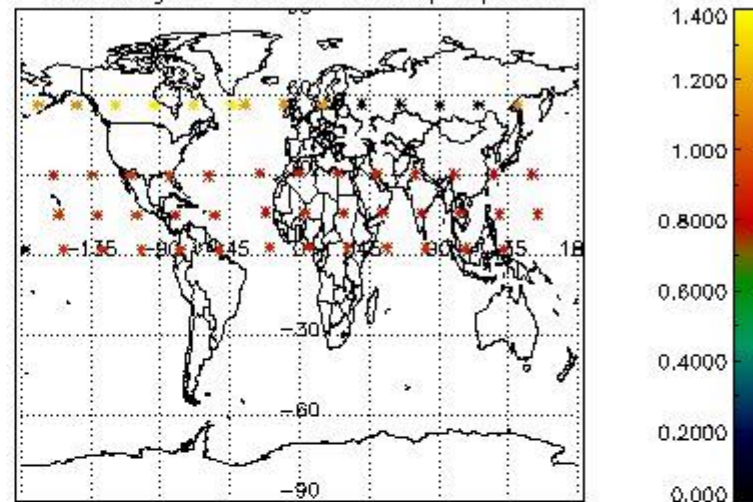
4.2 Plot quality information per product coming from level 1b processing (world map)

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

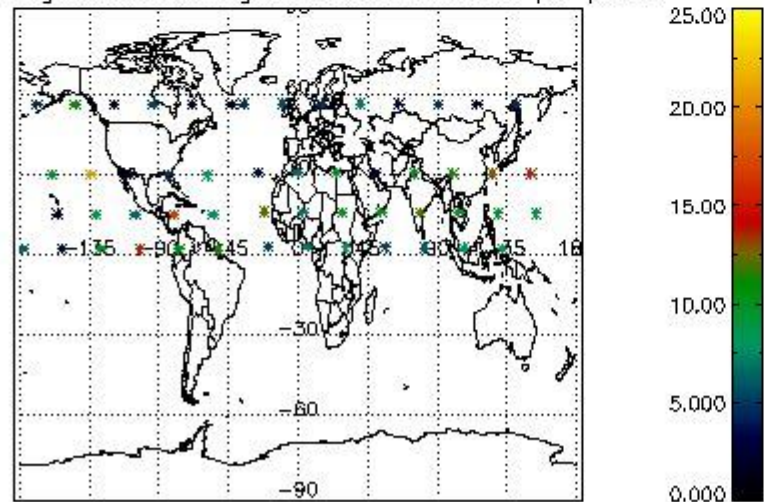
Percentage of cosmic ray hits per profile



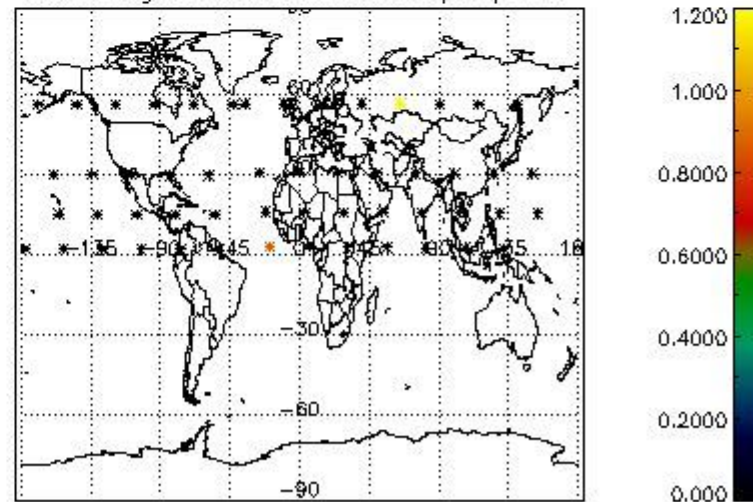
Percentage of datation errors per profile



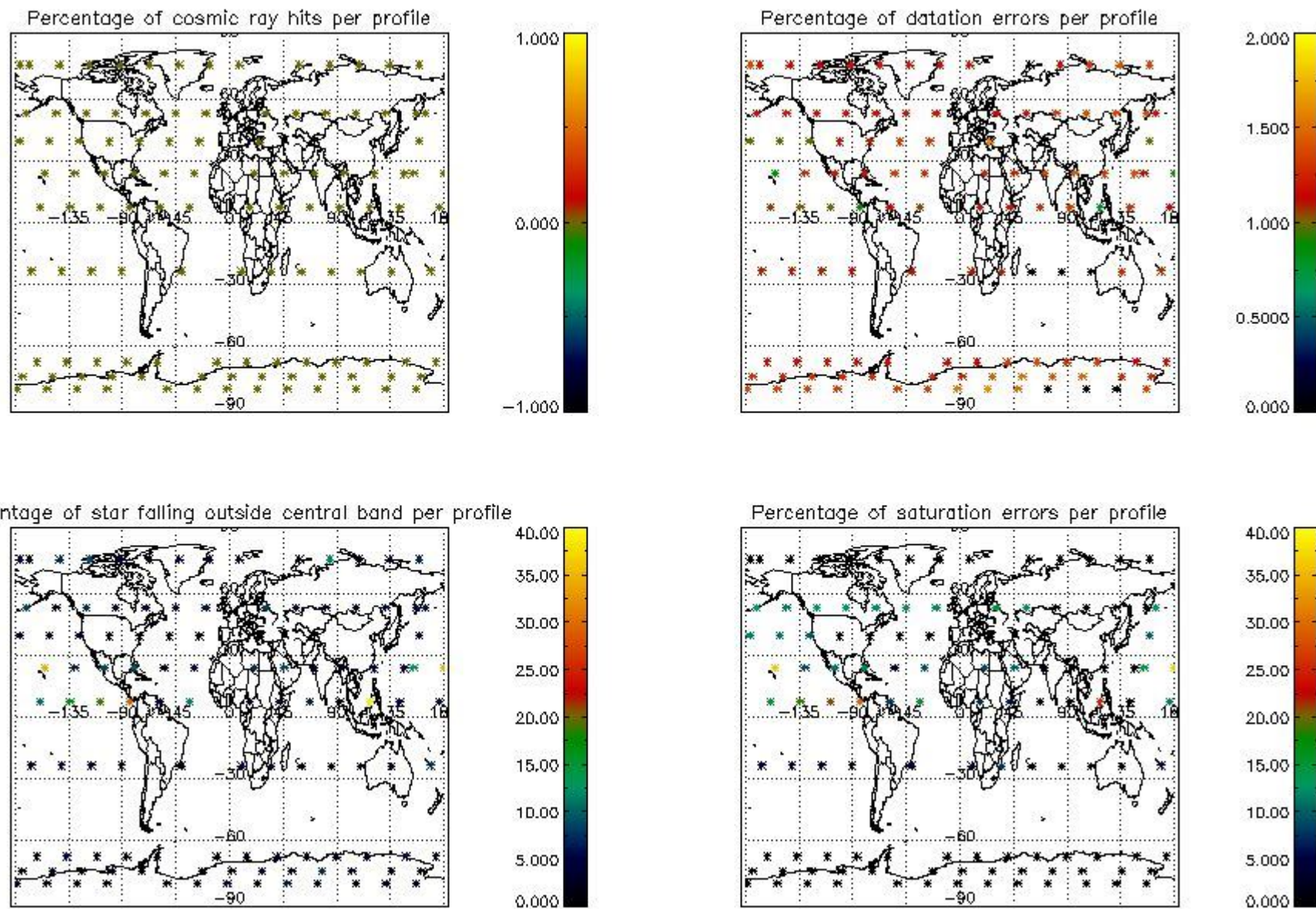
Percentage of star falling outside central band per profile



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

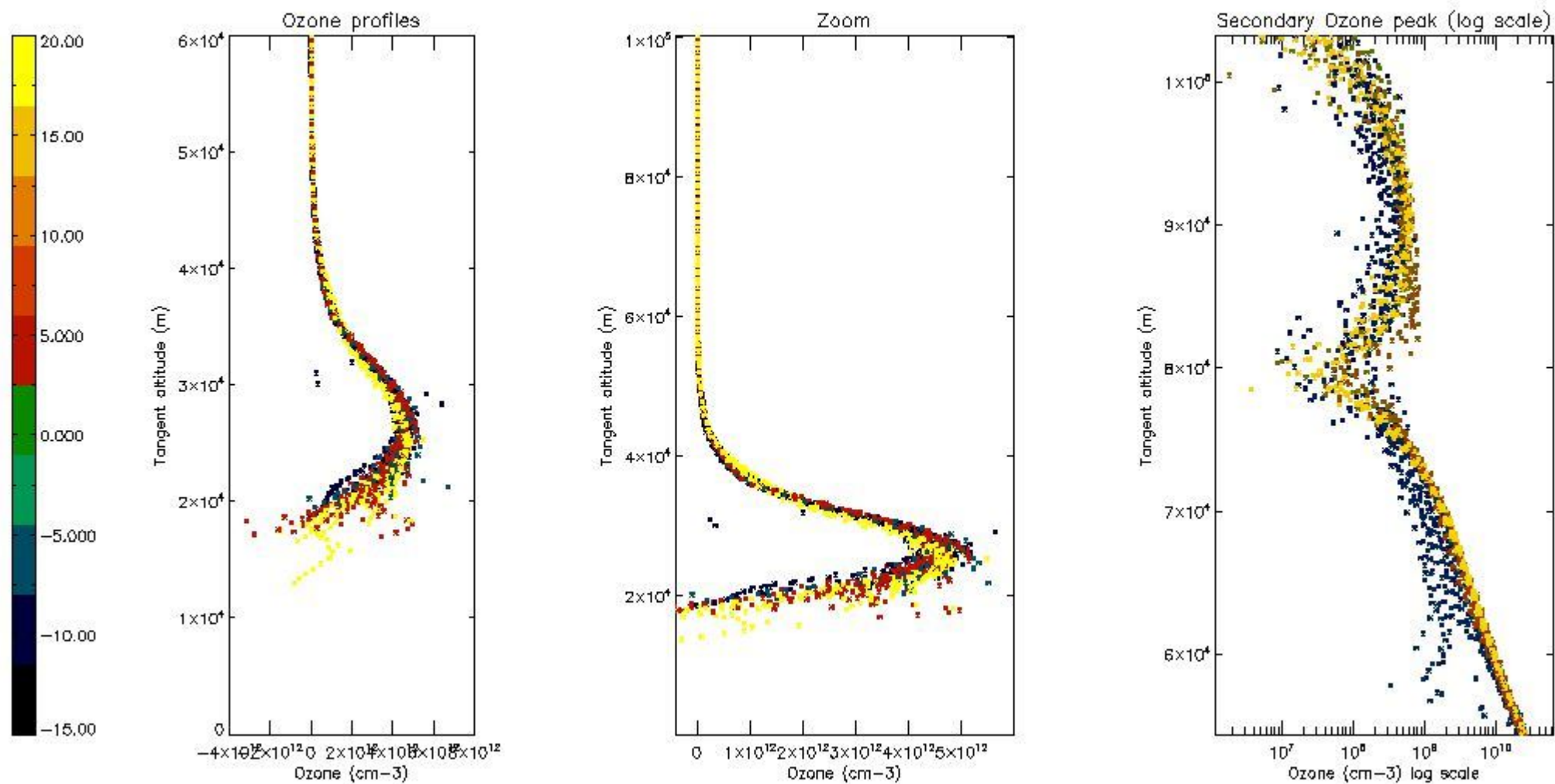
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 31 |
| STD < 20 | 20 |

| | |
|----------|----|
| STD < 10 | 17 |
| STD < 5 | 13 |

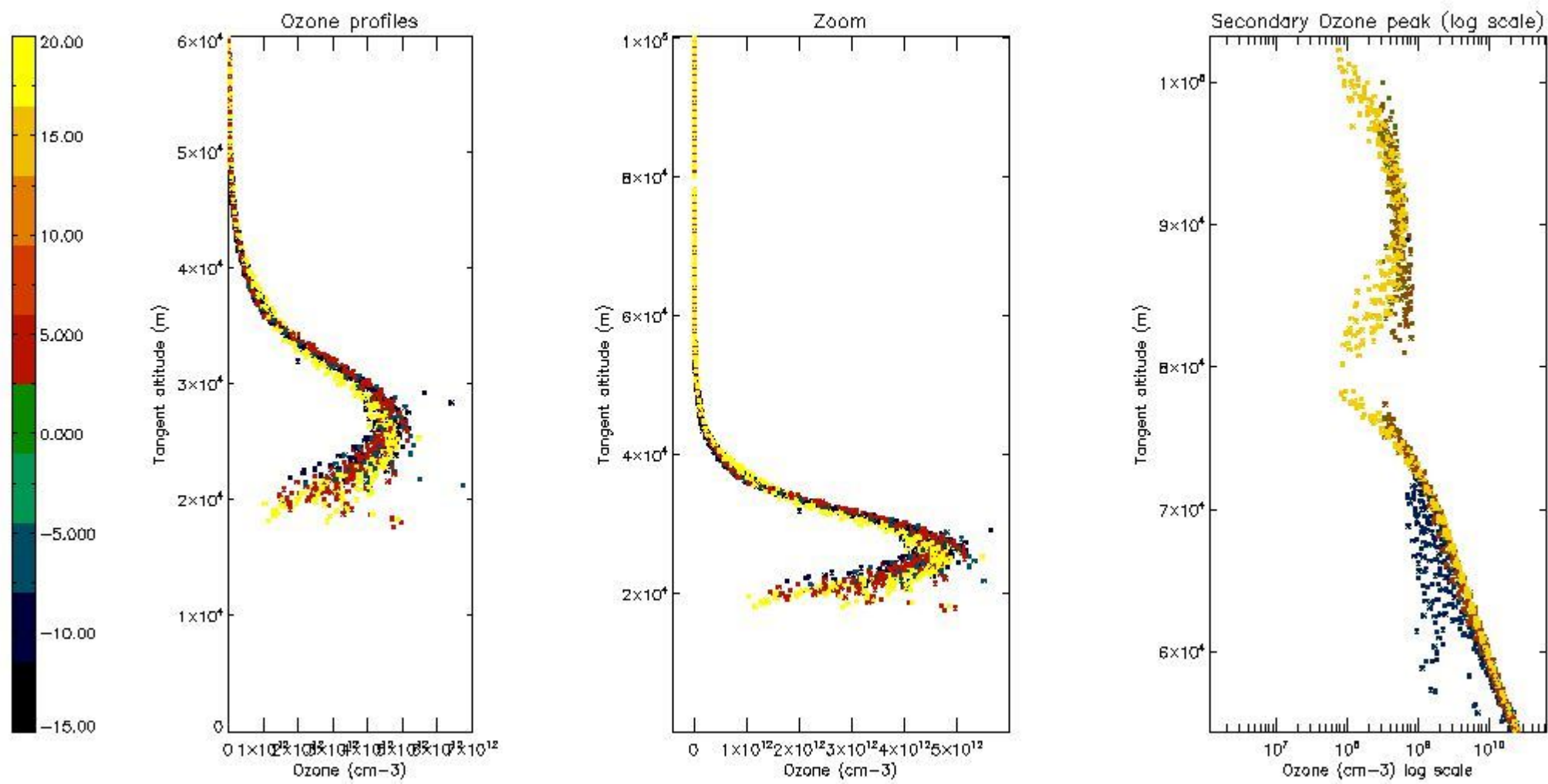
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



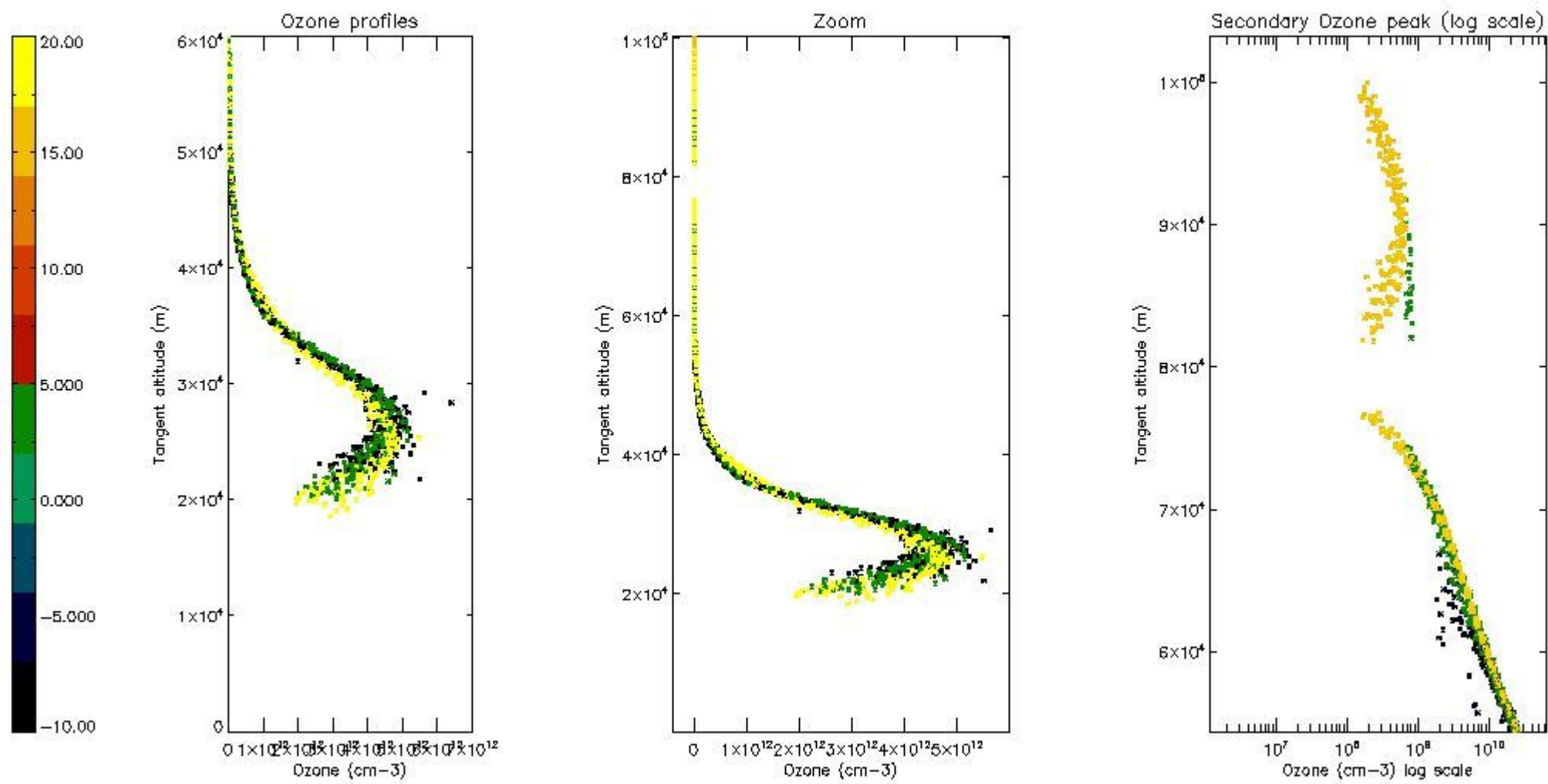
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



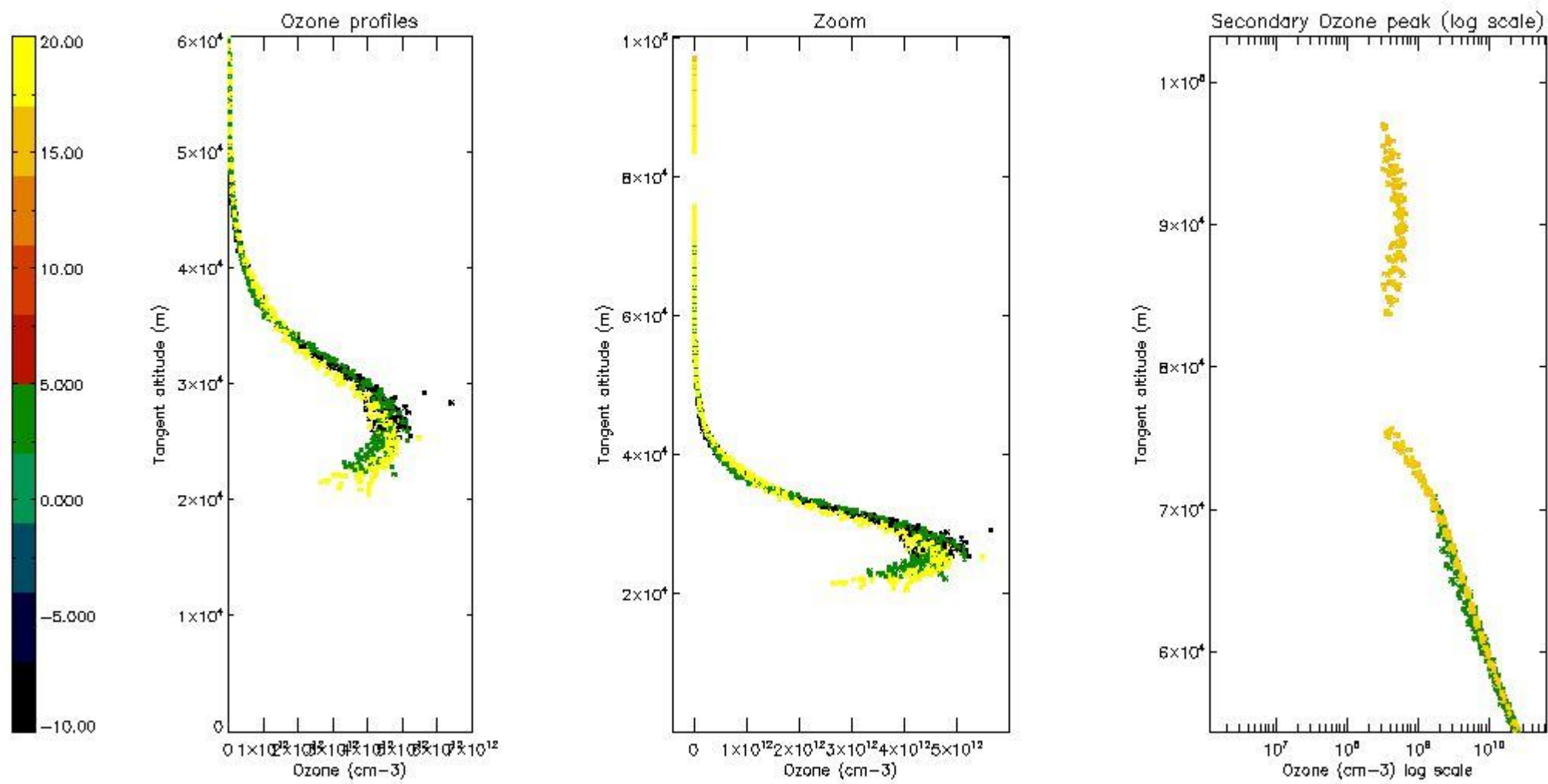
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



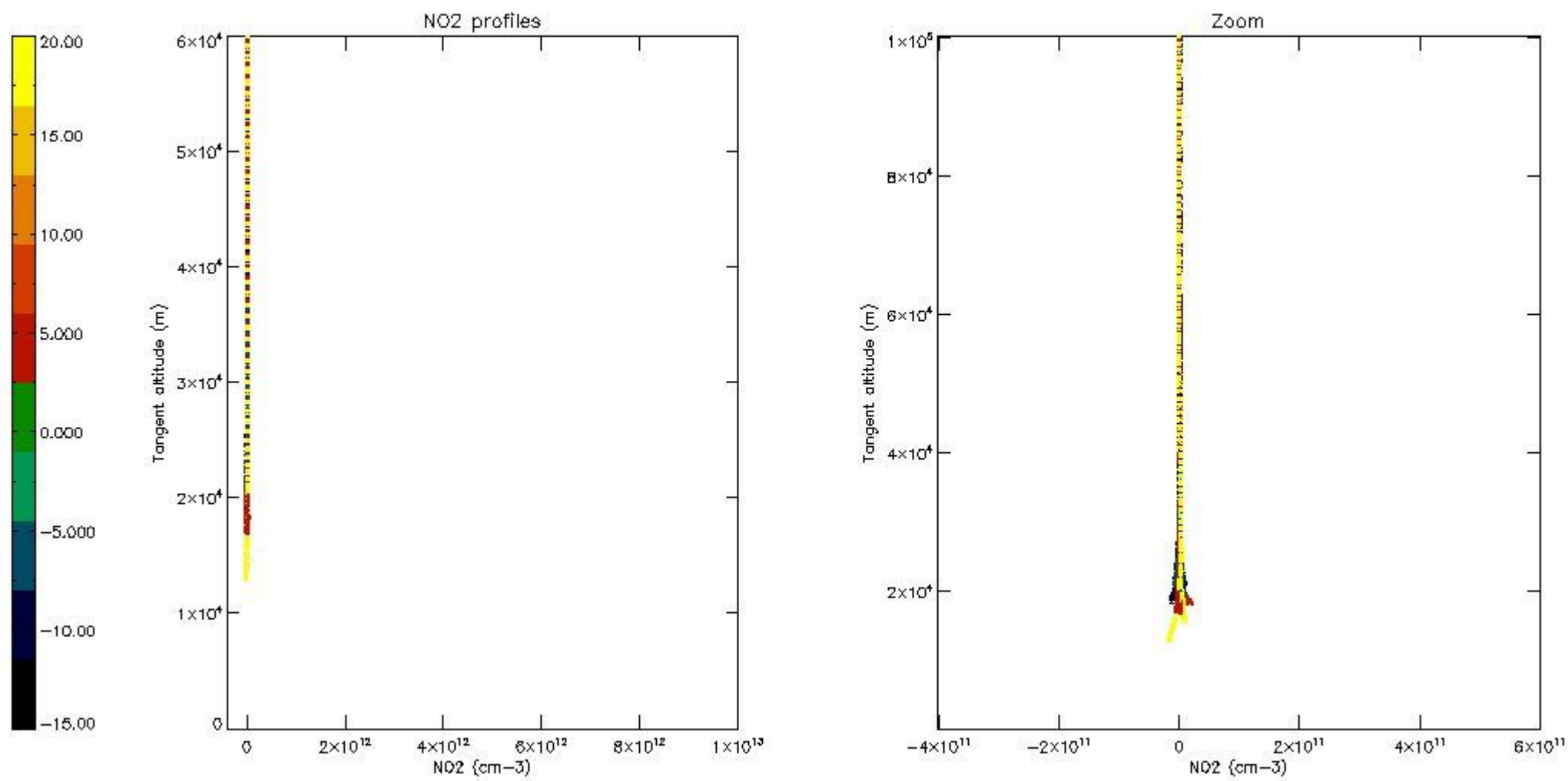
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



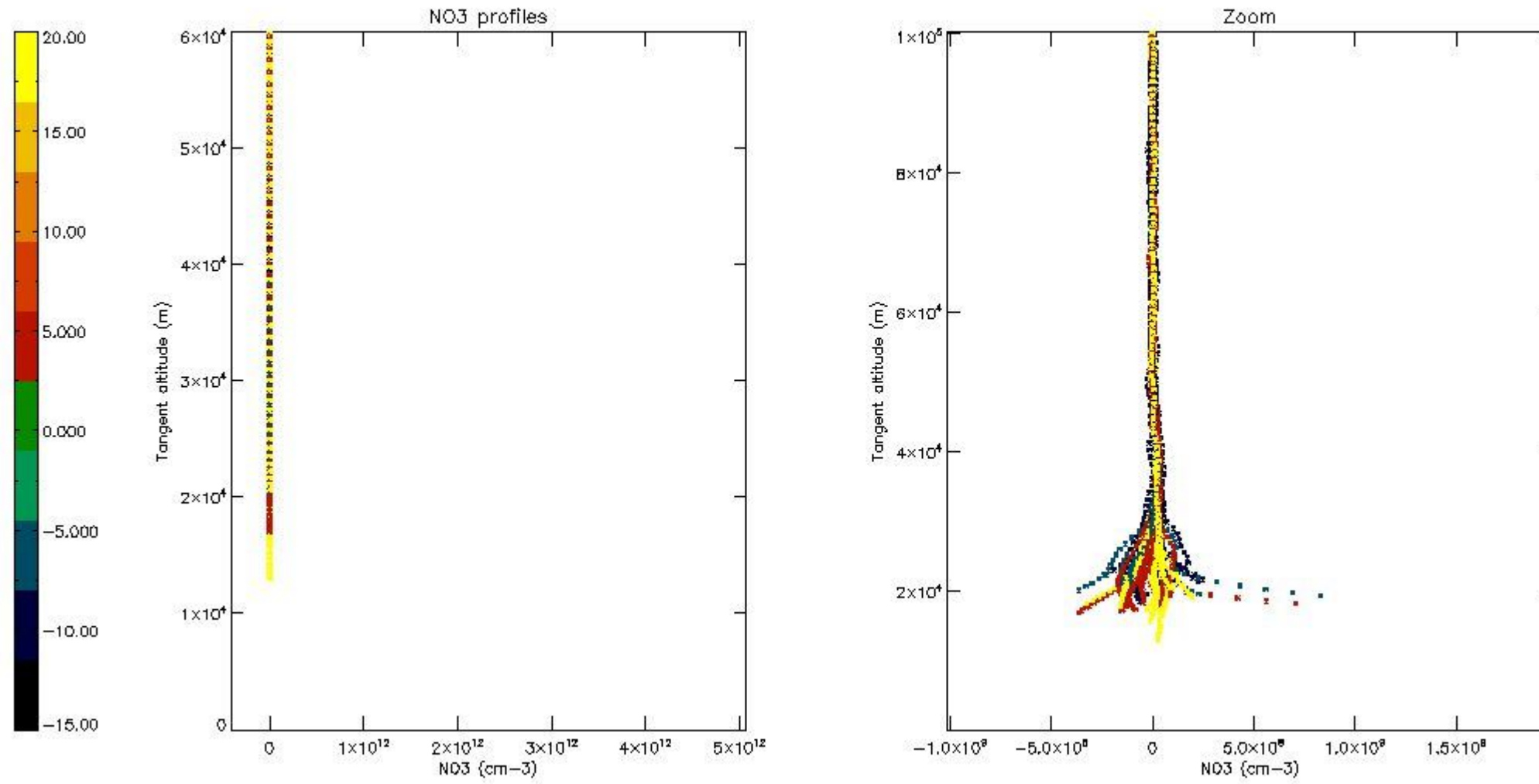
5.6 Plot NO₂ profiles for all STD (dark without errors)

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 | 10-APR-2009 00:01:34 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 10-APR-2009 00:01:34 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 10-APR-2009 00:01:34 |

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

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[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

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

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[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 08:43:19 |
| Data source version | GOMOS/6.01 |
| Start time of products | 10-04-2009 (10APR2009 00:00:00) |
| Stop time of products | 11-04-2009 (11APR2009 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 168 |
| 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__2PRFIN20090410_000134_000000372078_00045_37173_6101.N1 | 10-APR-2009 00:01:34 | Straylight | 36.500 | 109 | Bet Lup | 2.6770 | 26000. | 73 | 37173 | No |
| 2 | GOM_NL__2PRFIN20090410_001354_000000362078_00045_37173_6102.N1 | 10-APR-2009 00:13:54 | Bright | 36.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 72 | 37173 | No |
| 3 | GOM_NL__2PRFIN20090410_002103_000000362078_00045_37173_6103.N1 | 10-APR-2009 00:21:03 | Bright | 36.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 72 | 37173 | No |
| 4 | GOM_NL__2PRFIN20090410_002921_000000362078_00045_37173_6104.N1 | 10-APR-2009 00:29:21 | Bright | 36.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 72 | 37173 | No |
| 5 | GOM_NL__2PRFIN20090410_003358_000000392078_00045_37173_6105.N1 | 10-APR-2009 00:33:58 | Bright | 38.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 77 | 37173 | No |
| 6 | GOM_NL__2PRFIN20090410_004242_000000402078_00045_37173_6106.N1 | 10-APR-2009 00:42:42 | Bright | 39.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 79 | 37173 | No |
| 7 | GOM_NL__2PRFIN20090410_005519_000000372078_00045_37173_6107.N1 | 10-APR-2009 00:55:19 | Bright | 37.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 74 | 37173 | No |
| 8 | GOM_NL__2PRFIN20090410_005735_000000342078_00045_37173_6108.N1 | 10-APR-2009 00:57:35 | Bright | 34.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 68 | 37173 | No |
| 9 | GOM_NL__2PRFIN20090410_005953_000000322078_00045_37173_6109.N1 | 10-APR-2009 00:59:53 | Tw_i_and_stray | 31.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 63 | 37173 | No |
| 10 | GOM_NL__2PRFIN20090410_012652_000000572078_00046_37174_6127.N1 | 10-APR-2009 01:26:52 | Dark | 57.000 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 114 | 37174 | No |
| 11 | GOM_NL__2PRFIN20090410_013031_000000582078_00046_37174_6128.N1 | 10-APR-2009 01:30:31 | Dark | 58.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 116 | 37174 | No |
| 12 | GOM_NL__2PRFIN20090410_013440_000000592078_00046_37174_6129.N1 | 10-APR-2009 01:34:40 | Dark | 59.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 118 | 37174 | No |
| 13 | GOM_NL__2PRFIN20090410_014210_000000382078_00046_37174_6130.N1 | 10-APR-2009 01:42:10 | Straylight | 38.000 | 109 | Bet Lup | 2.6770 | 26000. | 76 | 37174 | No |
| 14 | GOM_NL__2PRFIN20090410_015430_000000372078_00046_37174_6131.N1 | 10-APR-2009 01:54:30 | Bright | 37.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 74 | 37174 | No |
| 15 | GOM_NL__2PRFIN20090410_020138_000000372078_00046_37174_6132.N1 | 10-APR-2009 02:01:38 | Bright | 37.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 74 | 37174 | No |
| 16 | GOM_NL__2PRFIN20090410_020956_000000382078_00046_37174_6133.N1 | 10-APR-2009 02:09:56 | Bright | 37.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 75 | 37174 | No |
| 17 | GOM_NL__2PRFIN20090410_021434_000000642078_00046_37174_6134.N1 | 10-APR-2009 02:14:34 | Bright | 64.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 128 | 37174 | No |
| 18 | GOM_NL__2PRFIN20090410_022318_000000402078_00046_37174_6135.N1 | 10-APR-2009 02:23:18 | Bright | 39.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 79 | 37174 | No |
| 19 | GOM_NL__2PRFIN20090410_023555_000000392078_00046_37174_6136.N1 | 10-APR-2009 02:35:55 | Bright | 38.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 77 | 37174 | No |
| 20 | GOM_NL__2PRFIN20090410_023811_000000352078_00046_37174_6137.N1 | 10-APR-2009 02:38:11 | Bright | 35.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 70 | 37174 | No |
| 21 | GOM_NL__2PRFIN20090410_024029_000000342078_00046_37174_6138.N1 | 10-APR-2009 02:40:29 | Bright | 33.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 67 | 37174 | No |
| 22 | GOM_NL__2PRFIN20090410_030729_000000562078_00047_37175_6143.N1 | 10-APR-2009 03:07:29 | Dark | 56.000 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 112 | 37175 | No |
| 23 | GOM_NL__2PRFIN20090410_031109_000000602078_00047_37175_6144.N1 | 10-APR-2009 03:11:09 | Dark | 60.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 120 | 37175 | No |
| 24 | GOM_NL__2PRFIN20090410_031518_000000542078_00047_37175_6145.N1 | 10-APR-2009 03:15:18 | Dark | 54.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 108 | 37175 | No |
| 25 | GOM_NL__2PRFIN20090410_032246_000000372078_00047_37175_6146.N1 | 10-APR-2009 03:22:46 | Straylight | 37.000 | 109 | Bet Lup | 2.6770 | 26000. | 74 | 37175 | No |
| 26 | GOM_NL__2PRFIN20090410_033506_000000362078_00047_37175_6147.N1 | 10-APR-2009 03:35:06 | Bright | 36.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 72 | 37175 | No |
| 27 | GOM_NL__2PRFIN20090410_034214_000000362078_00047_37175_6148.N1 | 10-APR-2009 03:42:14 | Bright | 36.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 72 | 37175 | No |
| 28 | GOM_NL__2PRFIN20090410_035032_000000352078_00047_37175_6149.N1 | 10-APR-2009 03:50:32 | Bright | 35.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 70 | 37175 | No |
| 29 | GOM_NL__2PRFIN20090410_035509_000000382078_00047_37175_6150.N1 | 10-APR-2009 03:55:09 | Bright | 37.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 75 | 37175 | No |
| 30 | GOM_NL__2PRFIN20090410_040353_000000382078_00047_37175_6151.N1 | 10-APR-2009 04:03:53 | Bright | 38.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 76 | 37175 | No |
| 31 | GOM_NL__2PRFIN20090410_041630_000000362078_00047_37175_6152.N1 | 10-APR-2009 04:16:30 | Tw_i_and_stray | 36.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 72 | 37175 | No |
| 32 | GOM_NL__2PRFIN20090410_041846_000000332078_00047_37175_6153.N1 | 10-APR-2009 04:18:46 | Tw_i_and_stray | 33.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 66 | 37175 | No |
| 33 | GOM_NL__2PRFIN20090410_042105_000000312078_00047_37175_6154.N1 | 10-APR-2009 04:21:05 | Tw_i_and_stray | 31.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 62 | 37175 | No |
| 34 | GOM_NL__2PRFIN20090410_044807_000000552078_00048_37176_6159.N1 | 10-APR-2009 04:48:07 | Dark | 55.000 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 110 | 37176 | No |
| 35 | GOM_NL__2PRFIN20090410_045146_000000552078_00048_37176_6160.N1 | 10-APR-2009 04:51:46 | Dark | 54.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 109 | 37176 | No |
| 36 | GOM_NL__2PRFIN20090410_045555_000000542078_00048_37176_6161.N1 | 10-APR-2009 04:55:55 | Dark | 53.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 107 | 37176 | No |
| 37 | GOM_NL__2PRFIN20090410_050323_000000392078_00048_37176_6162.N1 | 10-APR-2009 05:03:23 | Straylight | 38.500 | 109 | Bet Lup | 2.6770 | 26000. | 77 | 37176 | No |
| 38 | GOM_NL__2PRFIN20090410_051542_000000382078_00048_37176_6163.N1 | 10-APR-2009 05:15:42 | Bright | 37.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 75 | 37176 | No |
| 39 | GOM_NL__2PRFIN20090410_052250_000000382078_00048_37176_6164.N1 | 10-APR-2009 05:22:50 | Bright | 37.500 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 75 | 37176 | No |
| 40 | GOM_NL__2PRFIN20090410_053108_000000372078_00048_37176_6165.N1 | 10-APR-2009 05:31:08 | Bright | 37.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 74 | 37176 | No |
| 41 | GOM_NL__2PRFIN20090410_053545_000000402078_00048_37176_6166.N1 | 10-APR-2009 05:35:45 | Bright | 39.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 79 | 37176 | No |
| 42 | GOM_NL__2PRFIN20090410_054428_000000402078_00048_37176_6167.N1 | 10-APR-2009 05:44:28 | Bright | 39.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 79 | 37176 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20090410_055706_000000382078_00048_37176_6168.N1 | 10-APR-2009 05:57:06 | Bright | 37.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 75 | 37176 | No |
| 44 | GOM_NL__2PRFIN20090410_055922_000000352078_00048_37176_6169.N1 | 10-APR-2009 05:59:22 | Bright | 34.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 69 | 37176 | No |
| 45 | GOM_NL__2PRFIN20090410_060142_000000332078_00048_37176_6170.N1 | 10-APR-2009 06:01:42 | Bright | 32.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 65 | 37176 | No |
| 46 | GOM_NL__2PRFIN20090410_062844_000000572078_00049_37177_6177.N1 | 10-APR-2009 06:28:44 | Dark | 56.500 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 113 | 37177 | No |
| 47 | GOM_NL__2PRFIN20090410_063223_000000592078_00049_37177_6178.N1 | 10-APR-2009 06:32:23 | Dark | 58.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 117 | 37177 | No |
| 48 | GOM_NL__2PRFIN20090410_063632_000000672078_00049_37177_6179.N1 | 10-APR-2009 06:36:32 | Dark | 66.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 133 | 37177 | No |
| 49 | GOM_NL__2PRFIN20090410_064400_000000452078_00049_37177_6180.N1 | 10-APR-2009 06:44:00 | Straylight | 44.500 | 109 | Bet Lup | 2.6770 | 26000. | 89 | 37177 | No |
| 50 | GOM_NL__2PRFIN20090410_065618_000000432078_00049_37177_6181.N1 | 10-APR-2009 06:56:18 | Bright | 42.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 85 | 37177 | No |
| 51 | GOM_NL__2PRFIN20090410_070326_000000422078_00049_37177_6182.N1 | 10-APR-2009 07:03:26 | Bright | 42.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 84 | 37177 | No |
| 52 | GOM_NL__2PRFIN20090410_071143_000000412078_00049_37177_6183.N1 | 10-APR-2009 07:11:43 | Bright | 41.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 82 | 37177 | No |
| 53 | GOM_NL__2PRFIN20090410_071620_000000422078_00049_37177_6184.N1 | 10-APR-2009 07:16:20 | Bright | 42.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 84 | 37177 | No |
| 54 | GOM_NL__2PRFIN20090410_072504_000000462078_00049_37177_6185.N1 | 10-APR-2009 07:25:04 | Bright | 46.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 92 | 37177 | No |
| 55 | GOM_NL__2PRFIN20090410_073742_000000432078_00049_37177_6186.N1 | 10-APR-2009 07:37:42 | Bright | 43.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 86 | 37177 | No |
| 56 | GOM_NL__2PRFIN20090410_073958_000000402078_00049_37177_6187.N1 | 10-APR-2009 07:39:58 | Bright | 39.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 79 | 37177 | No |
| 57 | GOM_NL__2PRFIN20090410_074218_000000382078_00049_37177_6188.N1 | 10-APR-2009 07:42:18 | Bright | 37.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 75 | 37177 | No |
| 58 | GOM_NL__2PRFIN20090410_080922_000000562078_00050_37178_6191.N1 | 10-APR-2009 08:09:22 | Dark | 56.000 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 112 | 37178 | No |
| 59 | GOM_NL__2PRFIN20090410_081301_000000562078_00050_37178_6192.N1 | 10-APR-2009 08:13:01 | Dark | 56.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 112 | 37178 | No |
| 60 | GOM_NL__2PRFIN20090410_081710_000000612078_00050_37178_6193.N1 | 10-APR-2009 08:17:10 | Dark | 60.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 121 | 37178 | No |
| 61 | GOM_NL__2PRFIN20090410_082436_000000442078_00050_37178_6194.N1 | 10-APR-2009 08:24:36 | Straylight | 44.000 | 109 | Bet Lup | 2.6770 | 26000. | 88 | 37178 | No |
| 62 | GOM_NL__2PRFIN20090410_083654_000000422078_00050_37178_6195.N1 | 10-APR-2009 08:36:54 | Bright | 41.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 83 | 37178 | No |
| 63 | GOM_NL__2PRFIN20090410_084402_000000432078_00050_37178_6196.N1 | 10-APR-2009 08:44:02 | Bright | 43.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 86 | 37178 | No |
| 64 | GOM_NL__2PRFIN20090410_084758_000000312078_00050_37178_6197.N1 | 10-APR-2009 08:47:58 | Tw_i_and_stray | 31.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 62 | 37178 | No |
| 65 | GOM_NL__2PRFIN20090410_085219_000000402078_00050_37178_6198.N1 | 10-APR-2009 08:52:19 | Bright | 40.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 80 | 37178 | No |
| 66 | GOM_NL__2PRFIN20090410_085655_000000432078_00050_37178_6199.N1 | 10-APR-2009 08:56:55 | Bright | 43.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 86 | 37178 | No |
| 67 | GOM_NL__2PRFIN20090410_090539_000000462078_00050_37178_6200.N1 | 10-APR-2009 09:05:39 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 37178 | No |
| 68 | GOM_NL__2PRFIN20090410_091818_000000432078_00050_37178_6201.N1 | 10-APR-2009 09:18:18 | Bright | 43.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 86 | 37178 | No |
| 69 | GOM_NL__2PRFIN20090410_092034_000000402078_00050_37178_6202.N1 | 10-APR-2009 09:20:34 | Bright | 39.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 79 | 37178 | No |
| 70 | GOM_NL__2PRFIN20090410_092254_000000382078_00050_37178_6203.N1 | 10-APR-2009 09:22:54 | Bright | 37.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 75 | 37178 | No |
| 71 | GOM_NL__2PRFIN20090410_094959_000000572078_00051_37179_6207.N1 | 10-APR-2009 09:49:59 | Dark | 57.000 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 114 | 37179 | No |
| 72 | GOM_NL__2PRFIN20090410_113416_000000602078_00052_37180_6221.N1 | 10-APR-2009 11:34:16 | Dark | 60.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 120 | 37180 | No |
| 73 | GOM_NL__2PRFIN20090410_113824_000000632078_00052_37180_6222.N1 | 10-APR-2009 11:38:24 | Dark | 63.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 126 | 37180 | No |
| 74 | GOM_NL__2PRFIN20090410_114549_000000442078_00052_37180_6223.N1 | 10-APR-2009 11:45:49 | Straylight | 44.000 | 109 | Bet Lup | 2.6770 | 26000. | 88 | 37180 | No |
| 75 | GOM_NL__2PRFIN20090410_115806_000000422078_00052_37180_6224.N1 | 10-APR-2009 11:58:06 | Bright | 42.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 84 | 37180 | No |
| 76 | GOM_NL__2PRFIN20090410_120513_000000422078_00052_37180_6225.N1 | 10-APR-2009 12:05:13 | Bright | 41.500 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 83 | 37180 | No |
| 77 | GOM_NL__2PRFIN20090410_120909_000000382078_00052_37180_6226.N1 | 10-APR-2009 12:09:09 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 37180 | No |
| 78 | GOM_NL__2PRFIN20090410_121330_000000392078_00052_37180_6227.N1 | 10-APR-2009 12:13:30 | Bright | 39.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 78 | 37180 | No |
| 79 | GOM_NL__2PRFIN20090410_121806_000000482078_00052_37180_6228.N1 | 10-APR-2009 12:18:06 | Bright | 47.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 95 | 37180 | No |
| 80 | GOM_NL__2PRFIN20090410_122649_000000452078_00052_37180_6229.N1 | 10-APR-2009 12:26:49 | Bright | 45.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 90 | 37180 | No |
| 81 | GOM_NL__2PRFIN20090410_123929_000000432078_00052_37180_6230.N1 | 10-APR-2009 12:39:29 | Bright | 43.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 86 | 37180 | No |
| 82 | GOM_NL__2PRFIN20090410_124146_000000392078_00052_37180_6231.N1 | 10-APR-2009 12:41:46 | Bright | 39.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 78 | 37180 | No |
| 83 | GOM_NL__2PRFIN20090410_124406_000000382078_00052_37180_6232.N1 | 10-APR-2009 12:44:06 | Bright | 37.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 75 | 37180 | No |
| 84 | GOM_NL__2PRFIN20090410_131114_000000592078_00053_37181_6248.N1 | 10-APR-2009 13:11:14 | Dark | 59.000 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 118 | 37181 | No |
| 85 | GOM_NL__2PRFIN20090410_131453_000000612078_00053_37181_6249.N1 | 10-APR-2009 13:14:53 | Dark | 60.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 121 | 37181 | No |
| 86 | GOM_NL__2PRFIN20090410_131901_000000632078_00053_37181_6250.N1 | 10-APR-2009 13:19:01 | Dark | 62.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 125 | 37181 | No |
| 87 | GOM_NL__2PRFIN20090410_132626_000000432078_00053_37181_6251.N1 | 10-APR-2009 13:26:26 | Straylight | 43.000 | 109 | Bet Lup | 2.6770 | 26000. | 86 | 37181 | No |
| 88 | GOM_NL__2PRFIN20090410_133842_000000422078_00053_37181_6252.N1 | 10-APR-2009 13:38:42 | Bright | 42.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 84 | 37181 | No |
| 89 | GOM_NL__2PRFIN20090410_134549_000000422078_00053_37181_6253.N1 | 10-APR-2009 13:45:49 | Bright | 41.500 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 83 | 37181 | No |
| 90 | GOM_NL__2PRFIN20090410_134944_000000382078_00053_37181_6254.N1 | 10-APR-2009 13:49:44 | Bright | 38.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 76 | 37181 | No |
| 91 | GOM_NL__2PRFIN20090410_135406_000000382078_00053_37181_6255.N1 | 10-APR-2009 13:54:06 | Bright | 37.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 75 | 37181 | No |
| 92 | GOM_NL__2PRFIN20090410_135841_000000432078_00053_37181_6256.N1 | 10-APR-2009 13:58:41 | Bright | 43.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 86 | 37181 | No |
| 93 | GOM_NL__2PRFIN20090410_142005_000000432078_00053_37181_6257.N1 | 10-APR-2009 14:20:05 | Bright | 43.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 86 | 37181 | No |
| 94 | GOM_NL__2PRFIN20090410_142222_000000402078_00053_37181_6258.N1 | 10-APR-2009 14:22:22 | Bright | 39.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 79 | 37181 | No |
| 95 | GOM_NL__2PRFIN20090410_142442_000000372078_00053_37181_6259.N1 | 10-APR-2009 14:24:42 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 37181 | No |
| 96 | GOM_NL__2PRFIN20090410_145151_000000582078_00054_37182_6262.N1 | 10-APR-2009 14:51:51 | Dark | 58.000 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 116 | 37182 | No |
| 97 | GOM_NL__2PRFIN20090410_145530_000000602078_00054_37182_6263.N1 | 10-APR-2009 14:55:30 | Dark | 59.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 119 | 37182 | No |
| 98 | GOM_NL__2PRFIN20090410_145939_000000622078_00054_37182_6264.N1 | 10-APR-2009 14:59:39 | Dark | 61.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 123 | 37182 | No |
| 99 | GOM_NL__2PRFIN20090410_150702_000000432078_00054_37182_6265.N1 | 10-APR-2009 15:07:02 | Straylight | 42.500 | 109 | Bet Lup | 2.6770 | 26000. | 85 | 37182 | No |
| 100 | GOM_NL__2PRFIN20090410_151918_000000422078_00054_37182_6266.N1 | 10-APR-2009 15:19:18 | Bright | 41.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 83 | 37182 | No |
| 101 | GOM_NL__2PRFIN20090410_152624_000000422078_00054_37182_6267.N1 | 10-APR-2009 15:26:24 | Bright | 42.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 84 | 37182 | No |

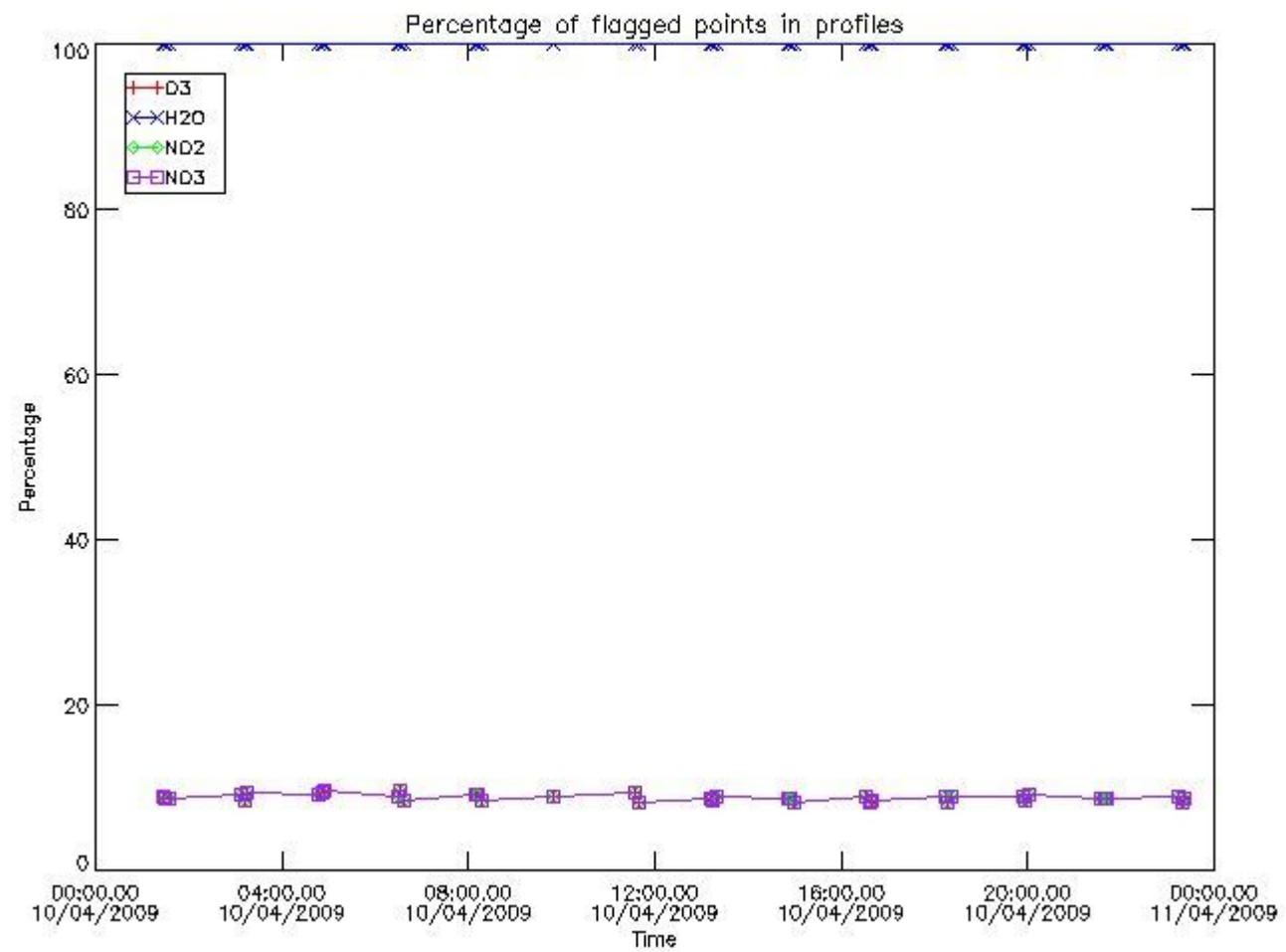
| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20090410_153019_000000452078_00054_37182_6268.N1 | 10-APR-2009 15:30:19 | Bright | 45.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 90 | 37182 | No |
| 103 | GOM_NL__2PRFIN20090410_153441_000000422078_00054_37182_6269.N1 | 10-APR-2009 15:34:41 | Bright | 42.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 84 | 37182 | No |
| 104 | GOM_NL__2PRFIN20090410_153916_000000562078_00054_37182_6270.N1 | 10-APR-2009 15:39:16 | Bright | 56.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 112 | 37182 | No |
| 105 | GOM_NL__2PRFIN20090410_154759_000000452078_00054_37182_6271.N1 | 10-APR-2009 15:47:59 | Bright | 44.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 89 | 37182 | No |
| 106 | GOM_NL__2PRFIN20090410_160040_000000432078_00054_37182_6272.N1 | 10-APR-2009 16:00:40 | Bright | 42.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 85 | 37182 | No |
| 107 | GOM_NL__2PRFIN20090410_160258_000000392078_00054_37182_6273.N1 | 10-APR-2009 16:02:58 | Bright | 38.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 77 | 37182 | No |
| 108 | GOM_NL__2PRFIN20090410_160518_000000372078_00054_37182_6274.N1 | 10-APR-2009 16:05:18 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 37182 | No |
| 109 | GOM_NL__2PRFIN20090410_163229_000000572078_00055_37183_6276.N1 | 10-APR-2009 16:32:29 | Dark | 56.500 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 113 | 37183 | No |
| 110 | GOM_NL__2PRFIN20090410_163608_000000632078_00055_37183_6277.N1 | 10-APR-2009 16:36:08 | Dark | 62.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 125 | 37183 | No |
| 111 | GOM_NL__2PRFIN20090410_164016_000000612078_00055_37183_6278.N1 | 10-APR-2009 16:40:16 | Dark | 60.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 121 | 37183 | No |
| 112 | GOM_NL__2PRFIN20090410_164739_000000422078_00055_37183_6279.N1 | 10-APR-2009 16:47:39 | Straylight | 42.000 | 109 | Bet Lup | 2.6770 | 26000. | 84 | 37183 | No |
| 113 | GOM_NL__2PRFIN20090410_165954_000000422078_00055_37183_6280.N1 | 10-APR-2009 16:59:54 | Bright | 41.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 83 | 37183 | No |
| 114 | GOM_NL__2PRFIN20090410_170700_000000422078_00055_37183_6281.N1 | 10-APR-2009 17:07:00 | Bright | 42.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 84 | 37183 | No |
| 115 | GOM_NL__2PRFIN20090410_171055_000000452078_00055_37183_6282.N1 | 10-APR-2009 17:10:55 | Bright | 45.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 90 | 37183 | No |
| 116 | GOM_NL__2PRFIN20090410_171517_000000412078_00055_37183_6283.N1 | 10-APR-2009 17:15:17 | Bright | 41.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 82 | 37183 | No |
| 117 | GOM_NL__2PRFIN20090410_171952_000000502078_00055_37183_6284.N1 | 10-APR-2009 17:19:52 | Bright | 50.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 100 | 37183 | No |
| 118 | GOM_NL__2PRFIN20090410_172835_000000462078_00055_37183_6285.N1 | 10-APR-2009 17:28:35 | Bright | 46.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 92 | 37183 | No |
| 119 | GOM_NL__2PRFIN20090410_174116_000000432078_00055_37183_6286.N1 | 10-APR-2009 17:41:16 | Bright | 43.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 86 | 37183 | No |
| 120 | GOM_NL__2PRFIN20090410_174333_000000412078_00055_37183_6287.N1 | 10-APR-2009 17:43:33 | Bright | 40.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 81 | 37183 | No |
| 121 | GOM_NL__2PRFIN20090410_174554_000000372078_00055_37183_6288.N1 | 10-APR-2009 17:45:54 | Bright | 36.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 73 | 37183 | No |
| 122 | GOM_NL__2PRFIN20090410_181306_000000572078_00056_37184_6312.N1 | 10-APR-2009 18:13:06 | Dark | 56.500 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 113 | 37184 | No |
| 123 | GOM_NL__2PRFIN20090410_181645_000000622078_00056_37184_6313.N1 | 10-APR-2009 18:16:45 | Dark | 62.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 124 | 37184 | No |
| 124 | GOM_NL__2PRFIN20090410_182053_000000572078_00056_37184_6314.N1 | 10-APR-2009 18:20:53 | Dark | 57.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 114 | 37184 | No |
| 125 | GOM_NL__2PRFIN20090410_182815_000000442078_00056_37184_6315.N1 | 10-APR-2009 18:28:15 | Straylight | 43.500 | 109 | Bet Lup | 2.6770 | 26000. | 87 | 37184 | No |
| 126 | GOM_NL__2PRFIN20090410_184030_000000422078_00056_37184_6316.N1 | 10-APR-2009 18:40:30 | Bright | 42.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 84 | 37184 | No |
| 127 | GOM_NL__2PRFIN20090410_184736_000000422078_00056_37184_6317.N1 | 10-APR-2009 18:47:36 | Bright | 42.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 84 | 37184 | No |
| 128 | GOM_NL__2PRFIN20090410_185130_000000512078_00056_37184_6318.N1 | 10-APR-2009 18:51:30 | Bright | 51.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 102 | 37184 | No |
| 129 | GOM_NL__2PRFIN20090410_185552_000000402078_00056_37184_6319.N1 | 10-APR-2009 18:55:52 | Bright | 39.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 79 | 37184 | No |
| 130 | GOM_NL__2PRFIN20090410_190027_000000492078_00056_37184_6320.N1 | 10-APR-2009 19:00:27 | Bright | 48.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 97 | 37184 | No |
| 131 | GOM_NL__2PRFIN20090410_190910_000000462078_00056_37184_6321.N1 | 10-APR-2009 19:09:10 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 37184 | No |
| 132 | GOM_NL__2PRFIN20090410_192152_000000432078_00056_37184_6322.N1 | 10-APR-2009 19:21:52 | Bright | 42.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 85 | 37184 | No |
| 133 | GOM_NL__2PRFIN20090410_192410_000000392078_00056_37184_6323.N1 | 10-APR-2009 19:24:10 | Bright | 38.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 77 | 37184 | No |
| 134 | GOM_NL__2PRFIN20090410_192630_000000372078_00056_37184_6324.N1 | 10-APR-2009 19:26:30 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 37184 | No |
| 135 | GOM_NL__2PRFIN20090410_195344_000000582078_00057_37185_6331.N1 | 10-APR-2009 19:53:44 | Dark | 57.500 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 115 | 37185 | No |
| 136 | GOM_NL__2PRFIN20090410_195723_000000612078_00057_37185_6332.N1 | 10-APR-2009 19:57:23 | Dark | 60.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 121 | 37185 | No |
| 137 | GOM_NL__2PRFIN20090410_200131_000000612078_00057_37185_6333.N1 | 10-APR-2009 20:01:31 | Dark | 61.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 122 | 37185 | No |
| 138 | GOM_NL__2PRFIN20090410_200852_000000432078_00057_37185_6334.N1 | 10-APR-2009 20:08:52 | Straylight | 43.000 | 109 | Bet Lup | 2.6770 | 26000. | 86 | 37185 | No |
| 139 | GOM_NL__2PRFIN20090410_202106_000000442078_00057_37185_6335.N1 | 10-APR-2009 20:21:06 | Bright | 44.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 88 | 37185 | No |
| 140 | GOM_NL__2PRFIN20090410_202812_000000412078_00057_37185_6336.N1 | 10-APR-2009 20:28:12 | Bright | 41.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 82 | 37185 | No |
| 141 | GOM_NL__2PRFIN20090410_203205_000000512078_00057_37185_6337.N1 | 10-APR-2009 20:32:05 | Bright | 51.000 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 102 | 37185 | No |
| 142 | GOM_NL__2PRFIN20090410_203628_000000572078_00057_37185_6338.N1 | 10-APR-2009 20:36:28 | Bright | 56.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 113 | 37185 | No |
| 143 | GOM_NL__2PRFIN20090410_204103_000000472078_00057_37185_6339.N1 | 10-APR-2009 20:41:03 | Bright | 46.500 | 39 | 85Eta UMa | 1.8540 | 24000. | 93 | 37185 | No |
| 144 | GOM_NL__2PRFIN20090410_204945_000000462078_00057_37185_6340.N1 | 10-APR-2009 20:49:45 | Bright | 46.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 92 | 37185 | No |
| 145 | GOM_NL__2PRFIN20090410_210228_000000432078_00057_37185_6341.N1 | 10-APR-2009 21:02:28 | Bright | 43.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 86 | 37185 | No |
| 146 | GOM_NL__2PRFIN20090410_210445_000000402078_00057_37185_6342.N1 | 10-APR-2009 21:04:45 | Bright | 39.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 79 | 37185 | No |
| 147 | GOM_NL__2PRFIN20090410_210706_000000372078_00057_37185_6343.N1 | 10-APR-2009 21:07:06 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 37185 | No |
| 148 | GOM_NL__2PRFIN20090410_213421_000000592078_00058_37186_6348.N1 | 10-APR-2009 21:34:21 | Dark | 58.500 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 117 | 37186 | No |
| 149 | GOM_NL__2PRFIN20090410_213800_000000592078_00058_37186_6349.N1 | 10-APR-2009 21:38:00 | Dark | 59.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 118 | 37186 | No |
| 150 | GOM_NL__2PRFIN20090410_214208_000000602078_00058_37186_6350.N1 | 10-APR-2009 21:42:08 | Dark | 59.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 119 | 37186 | No |
| 151 | GOM_NL__2PRFIN20090410_214928_000000442078_00058_37186_6351.N1 | 10-APR-2009 21:49:28 | Straylight | 44.000 | 109 | Bet Lup | 2.6770 | 26000. | 88 | 37186 | No |
| 152 | GOM_NL__2PRFIN20090410_220142_000000432078_00058_37186_6352.N1 | 10-APR-2009 22:01:42 | Bright | 43.000 | 15 | 67Alp Vir | 0.97600 | 28000. | 86 | 37186 | No |
| 153 | GOM_NL__2PRFIN20090410_220847_000000422078_00058_37186_6353.N1 | 10-APR-2009 22:08:47 | Bright | 42.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 84 | 37186 | No |
| 154 | GOM_NL__2PRFIN20090410_221240_000000522078_00058_37186_6354.N1 | 10-APR-2009 22:12:40 | Bright | 51.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 103 | 37186 | No |
| 155 | GOM_NL__2PRFIN20090410_221703_000000562078_00058_37186_6355.N1 | 10-APR-2009 22:17:03 | Bright | 55.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 111 | 37186 | No |
| 156 | GOM_NL__2PRFIN20090410_222138_000000442078_00058_37186_6356.N1 | 10-APR-2009 22:21:38 | Bright | 44.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 88 | 37186 | No |
| 157 | GOM_NL__2PRFIN20090410_223020_000000472078_00058_37186_6357.N1 | 10-APR-2009 22:30:20 | Bright | 46.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 93 | 37186 | No |
| 158 | GOM_NL__2PRFIN20090410_224303_000000442078_00058_37186_6358.N1 | 10-APR-2009 22:43:03 | Bright | 44.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 88 | 37186 | No |
| 159 | GOM_NL__2PRFIN20090410_224521_000000392078_00058_37186_6359.N1 | 10-APR-2009 22:45:21 | Bright | 39.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 78 | 37186 | No |
| 160 | GOM_NL__2PRFIN20090410_224742_000000372078_00058_37186_6360.N1 | 10-APR-2009 22:47:42 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 37186 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20090410_231459_000000582078_00059_37187_6365.N1 | 10-APR-2009 23:14:59 | Dark | 57.500 | 103 | 38Zet Sgr | 2.6000 | 9700.0 | 115 | 37187 | No |
| 162 | GOM_NL__2PRFIN20090410_231837_000000622078_00059_37187_6366.N1 | 10-APR-2009 23:18:37 | Dark | 62.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 124 | 37187 | No |
| 163 | GOM_NL__2PRFIN20090410_232245_000000582078_00059_37187_6367.N1 | 10-APR-2009 23:22:45 | Dark | 58.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 116 | 37187 | No |
| 164 | GOM_NL__2PRFIN20090410_233005_000000432078_00059_37187_6368.N1 | 10-APR-2009 23:30:05 | Straylight | 42.500 | 109 | Bet Lup | 2.6770 | 26000. | 85 | 37187 | No |
| 165 | GOM_NL__2PRFIN20090410_234218_000000422078_00059_37187_6369.N1 | 10-APR-2009 23:42:18 | Bright | 41.500 | 15 | 67Alp Vir | 0.97600 | 28000. | 83 | 37187 | No |
| 166 | GOM_NL__2PRFIN20090410_234923_000000422078_00059_37187_6370.N1 | 10-APR-2009 23:49:23 | Bright | 42.000 | 138 | 47Eps Vir | 2.8280 | 4700.0 | 84 | 37187 | No |
| 167 | GOM_NL__2PRFIN20090410_235315_000000512078_00059_37187_6371.N1 | 10-APR-2009 23:53:15 | Bright | 50.500 | 111 | 8Eta Boo | 2.6800 | 6000.0 | 101 | 37187 | No |
| 168 | GOM_NL__2PRFIN20090410_235739_000000432078_00059_37187_6372.N1 | 10-APR-2009 23:57:39 | Bright | 43.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 86 | 37187 | No |

3. Quality information per product

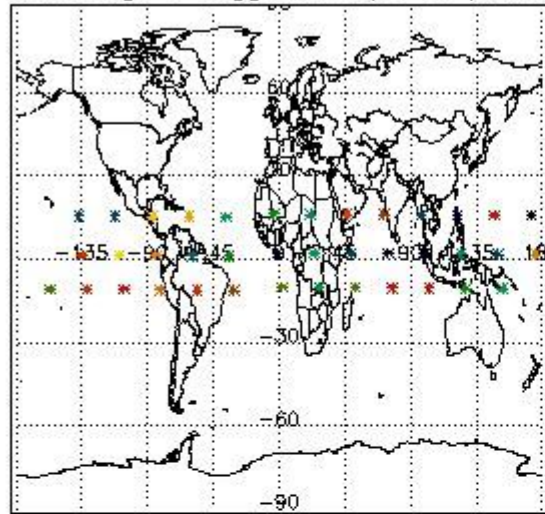
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

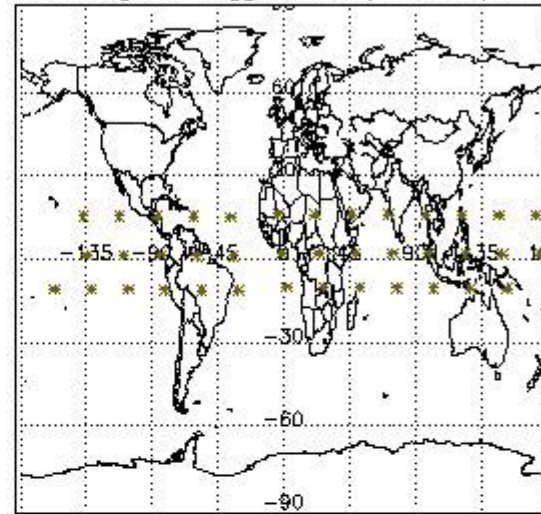


3.2 Plot quality information per product (world map)

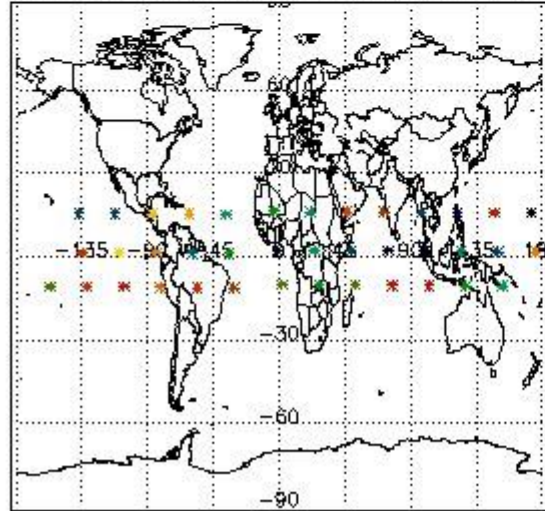
Percentage of flagged data per O3 profile



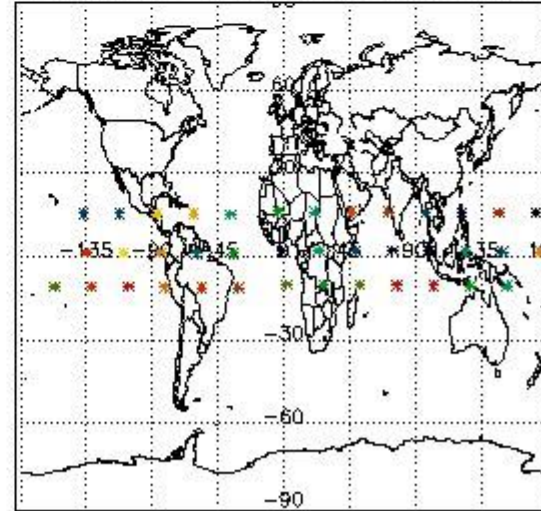
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

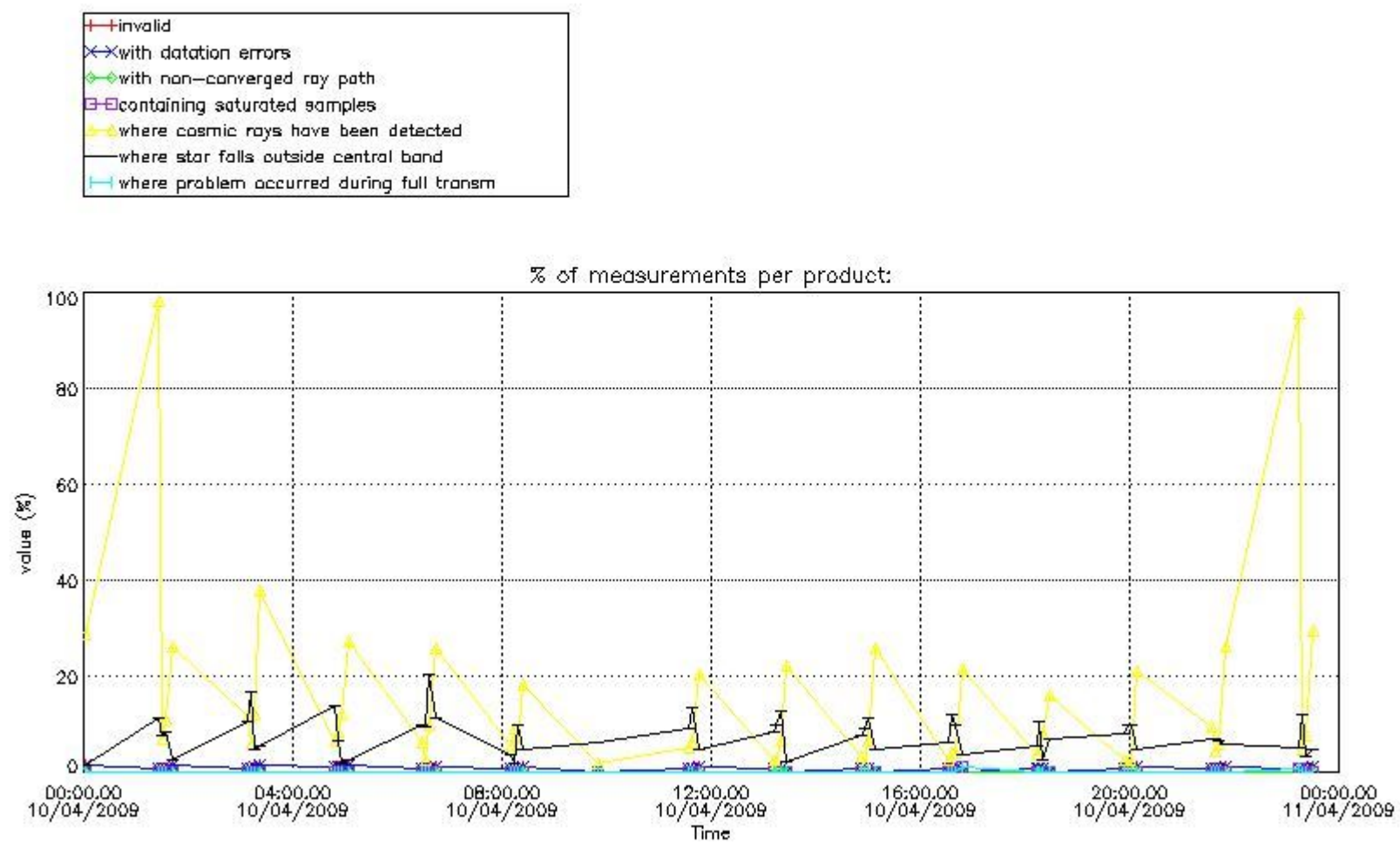


4. Level 1 quality information per product

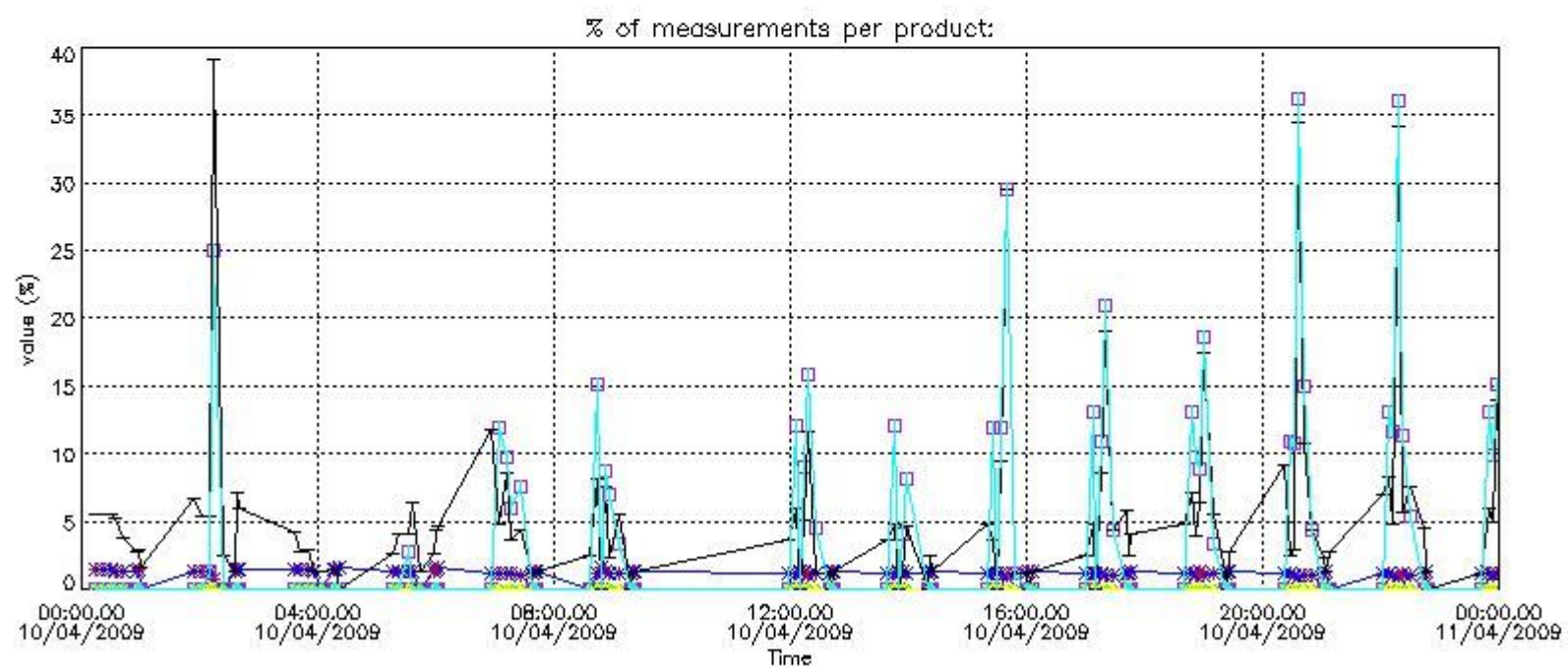
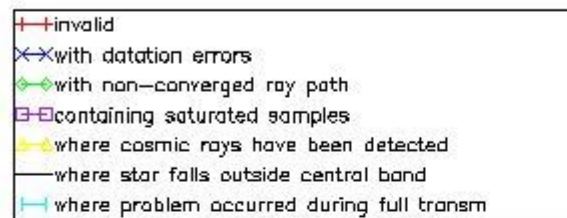
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



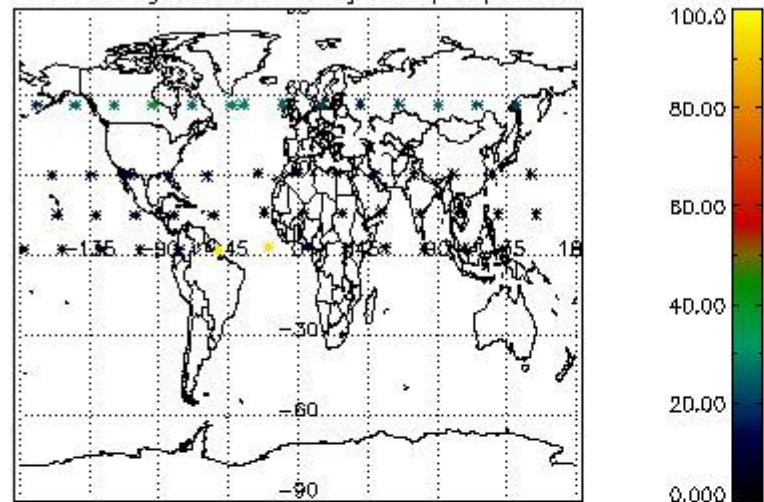
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



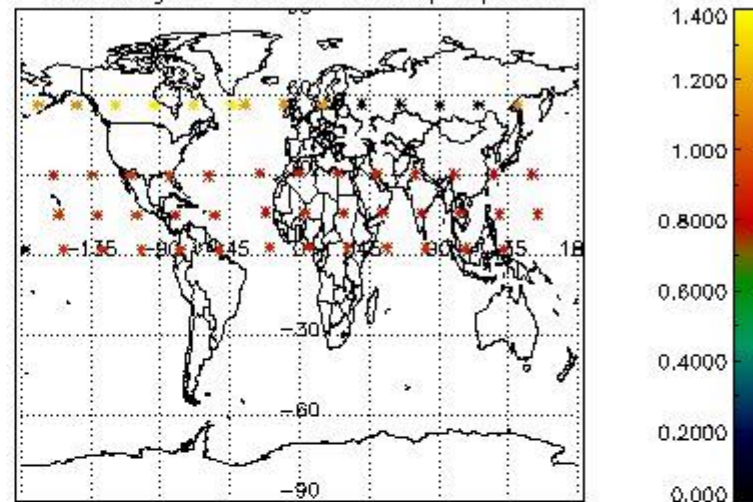
4.2 Plot quality information per product coming from level 1b processing (world map)

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

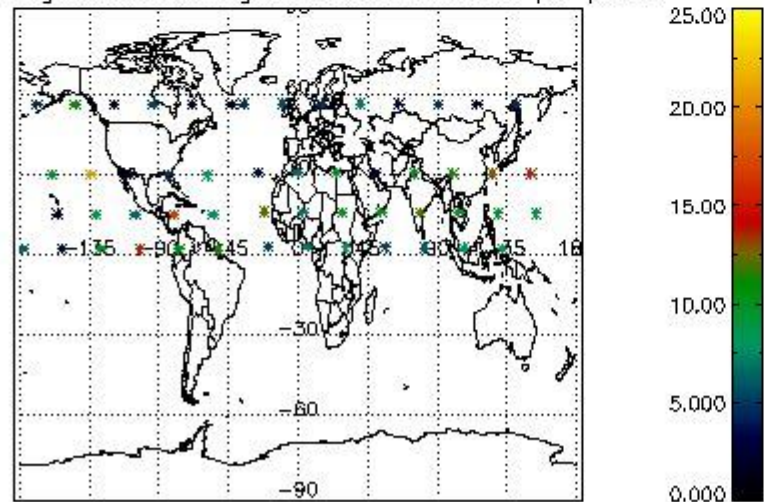
Percentage of cosmic ray hits per profile



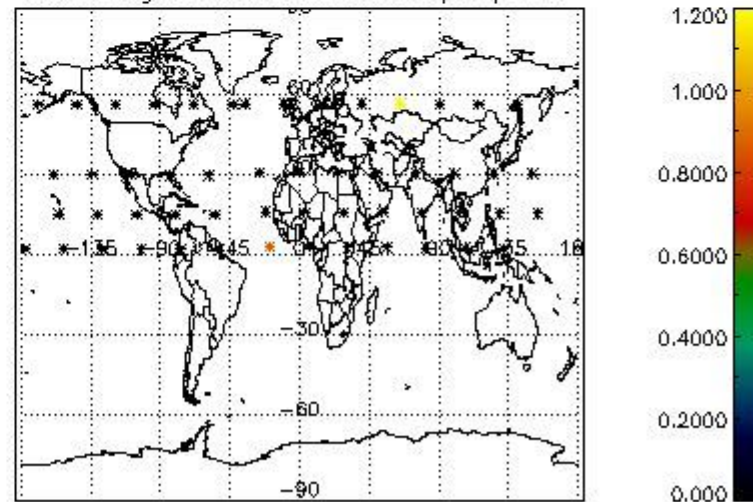
Percentage of datation errors per profile



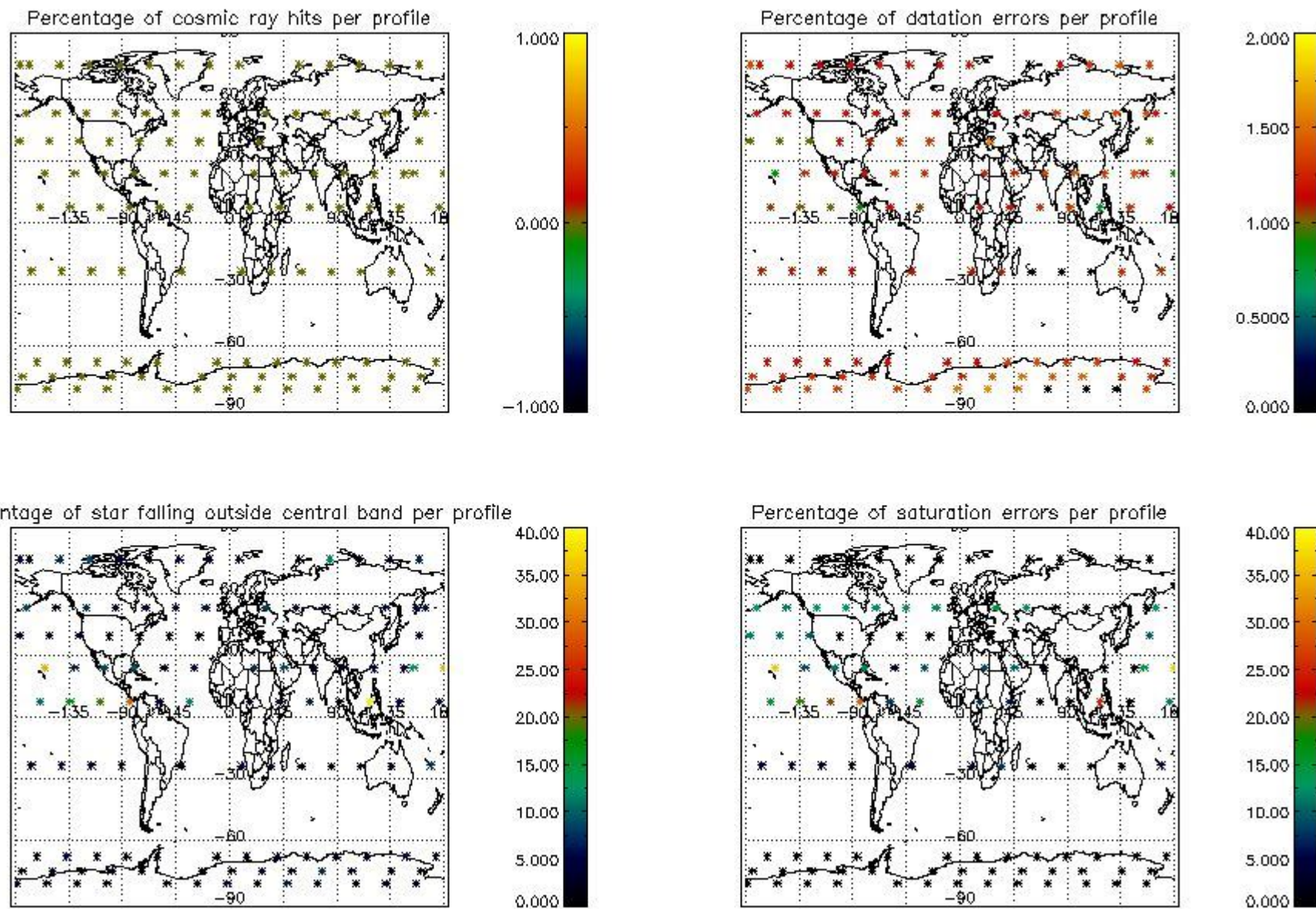
Percentage of star falling outside central band per profile



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

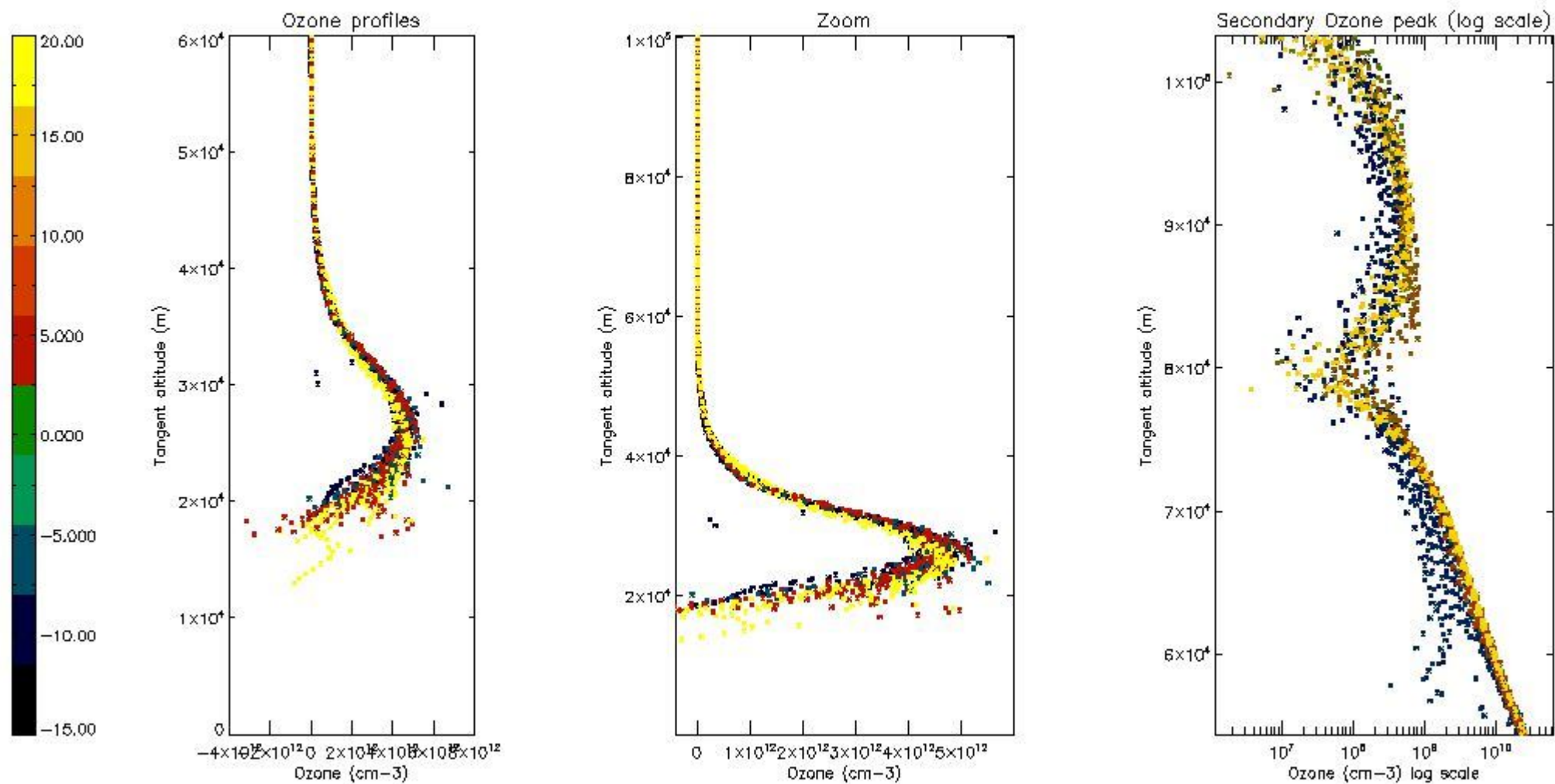
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 31 |
| STD < 20 | 20 |

| | |
|----------|----|
| STD < 10 | 17 |
| STD < 5 | 13 |

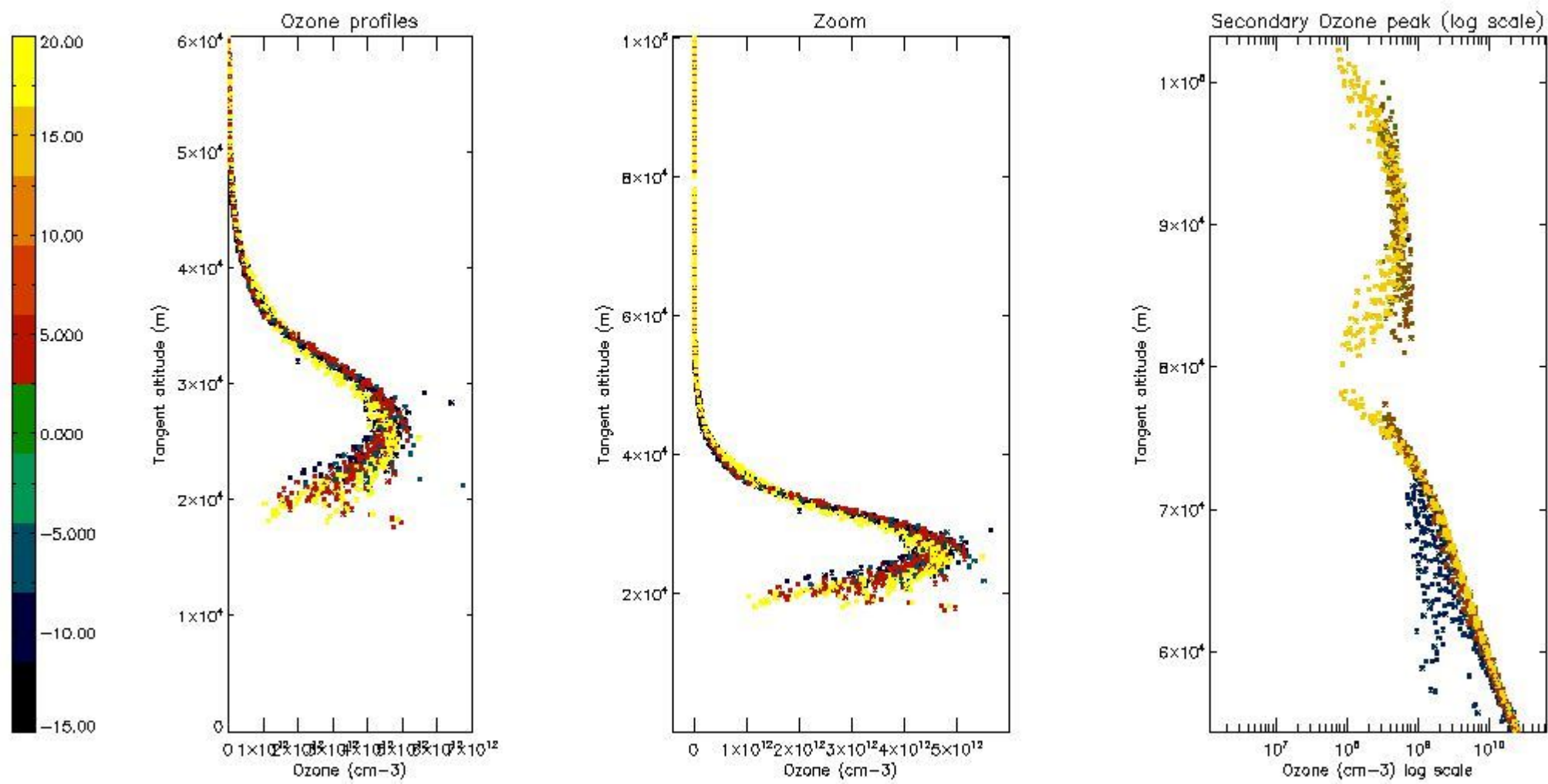
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



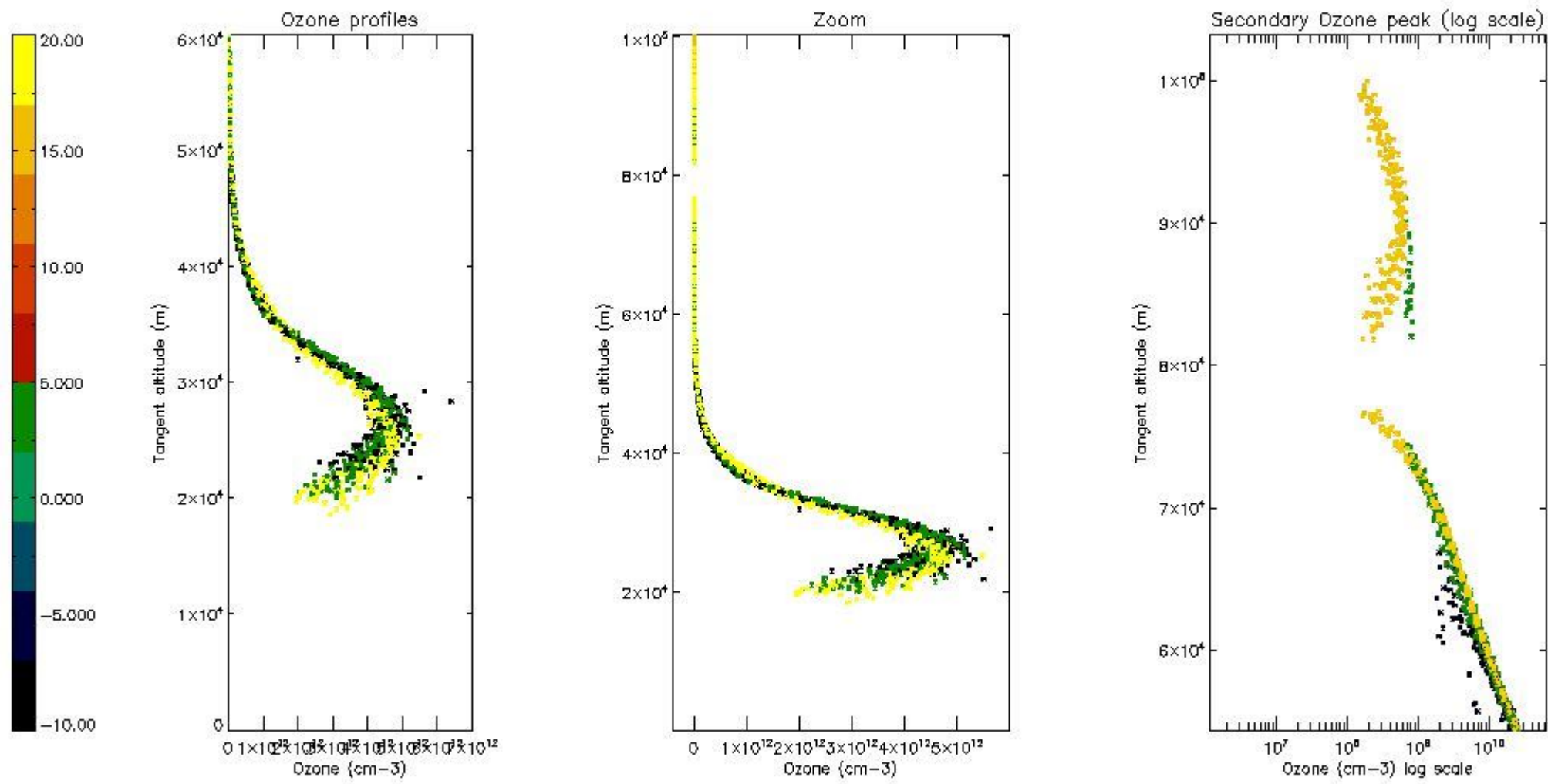
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



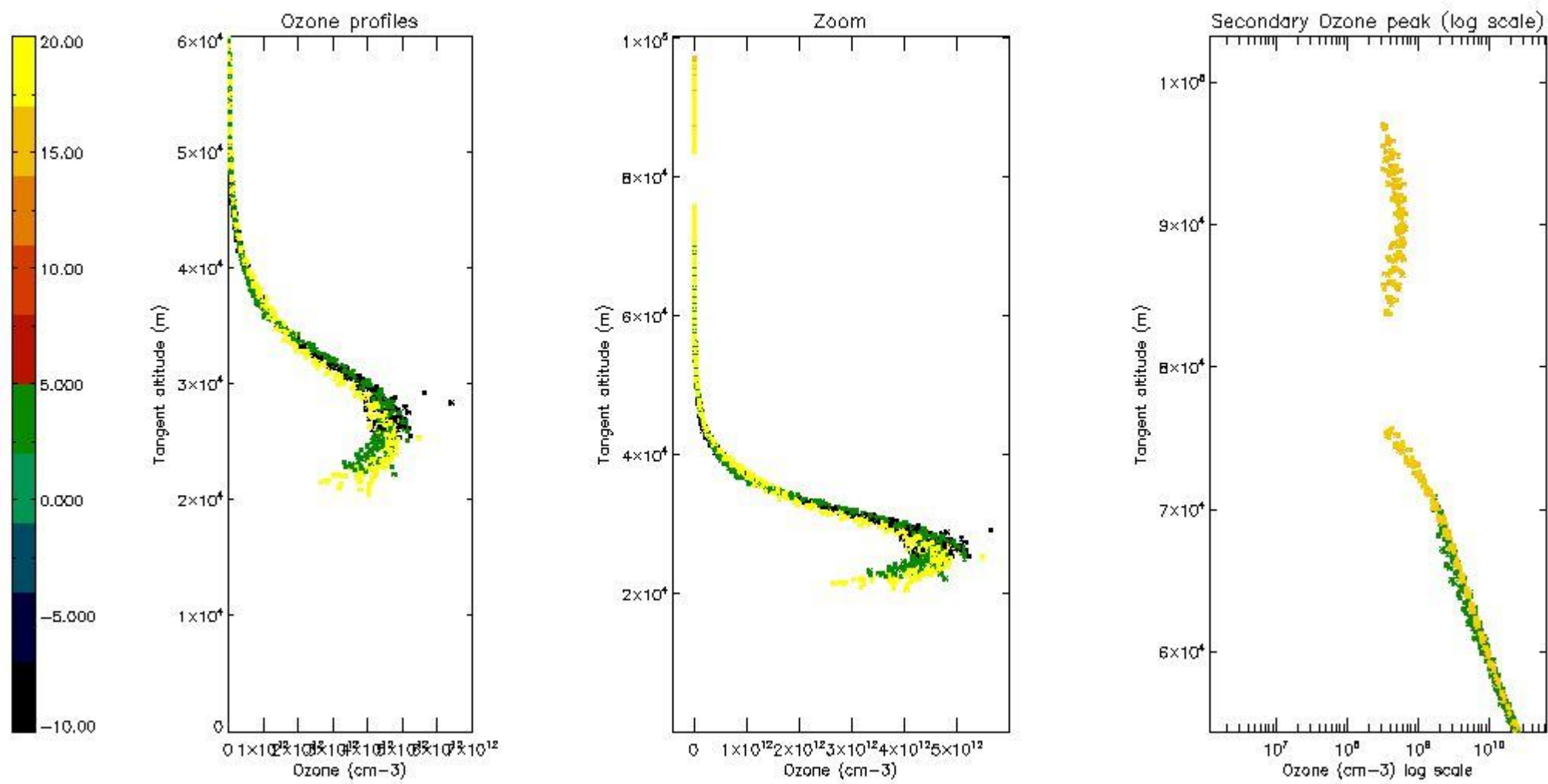
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



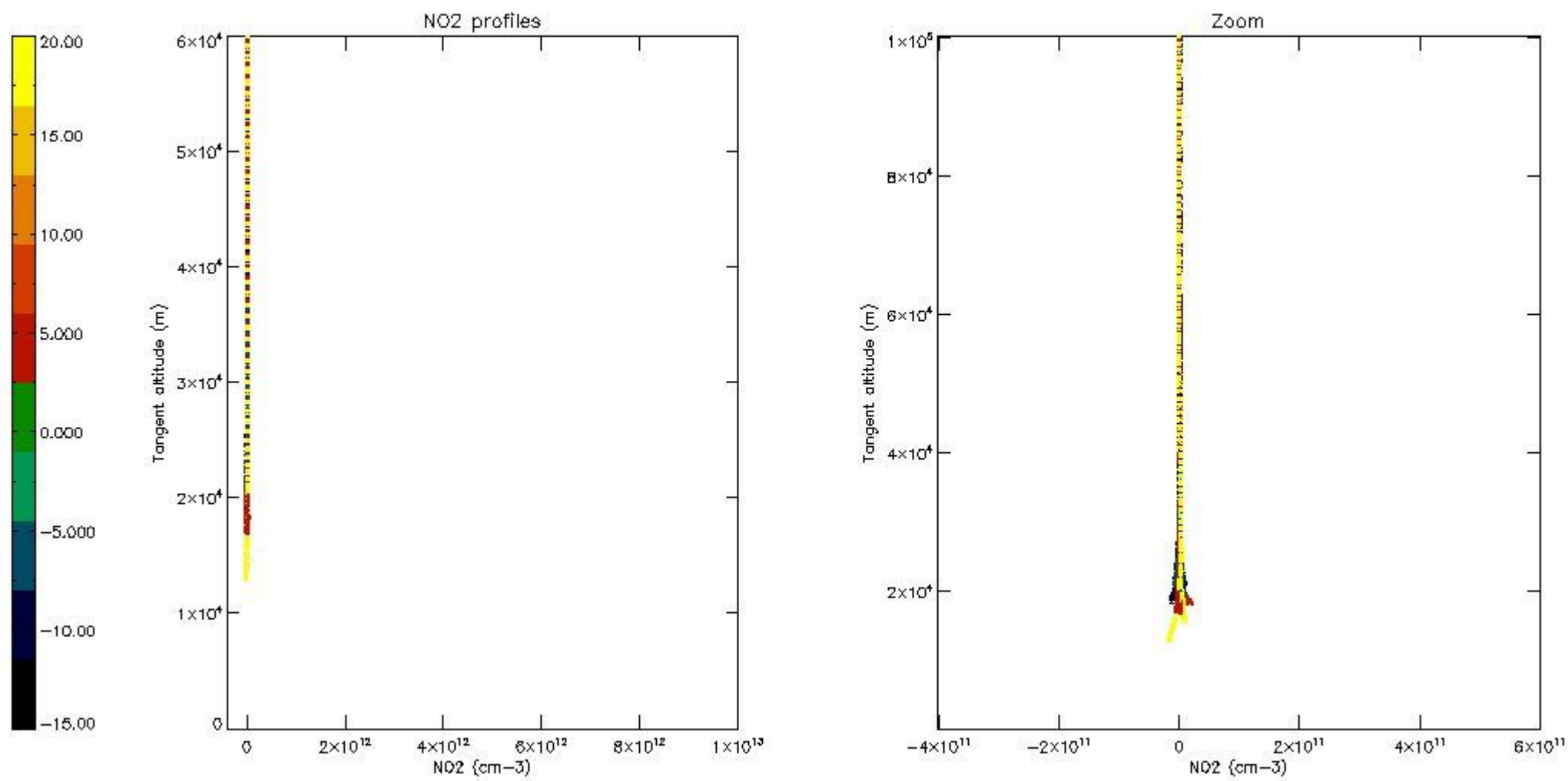
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



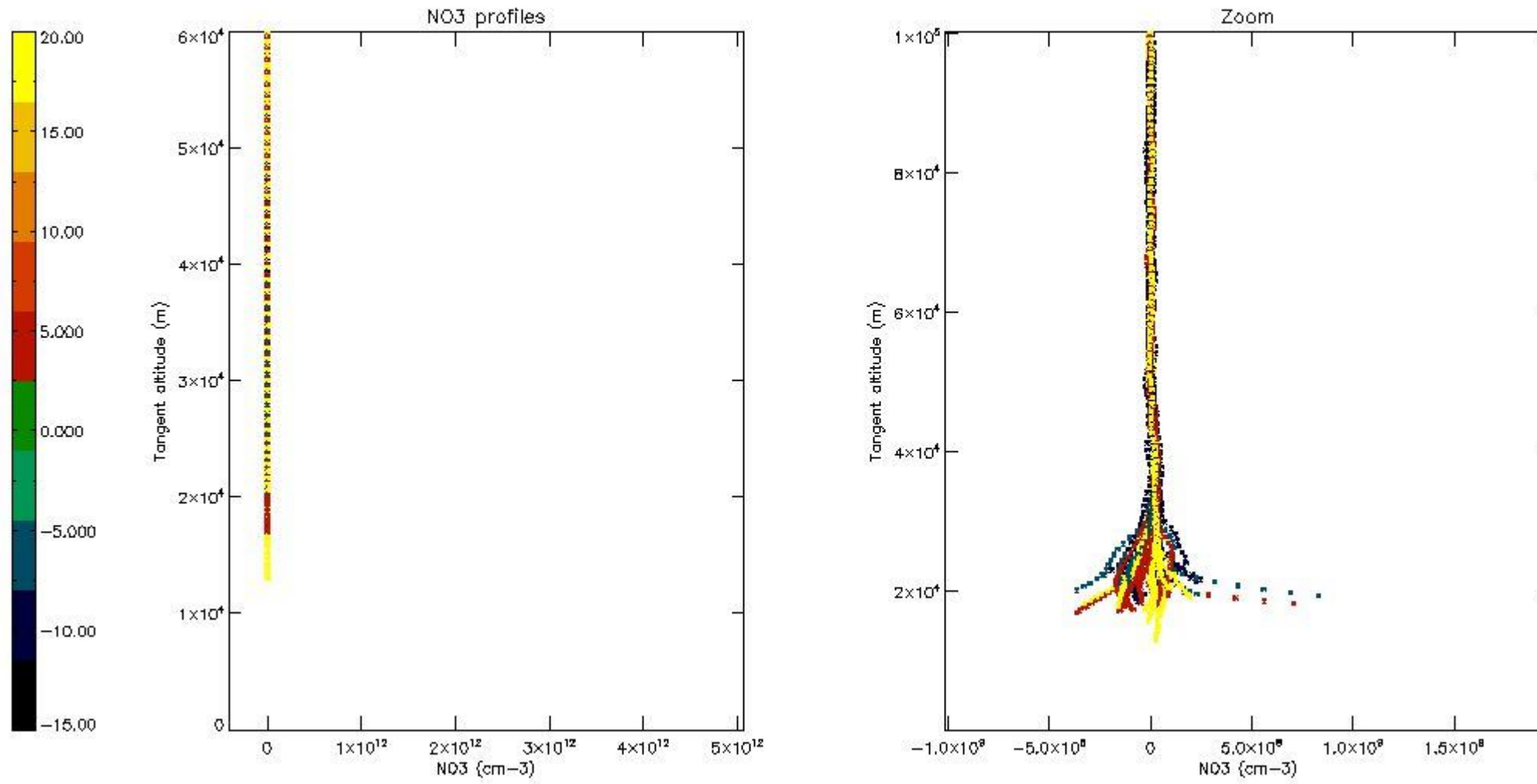
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

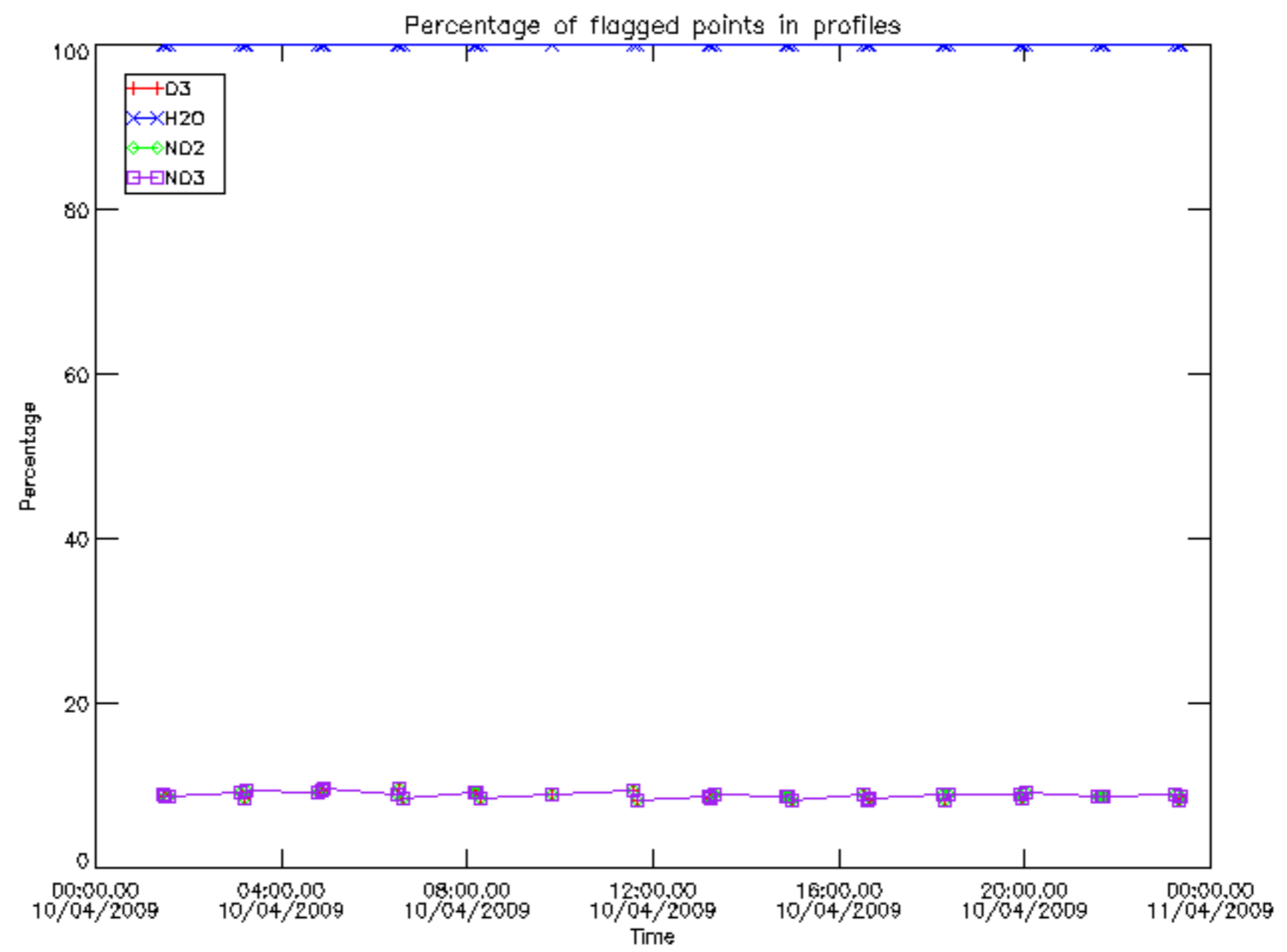
The colorbar represents the latitude.



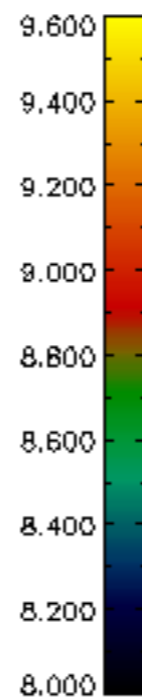
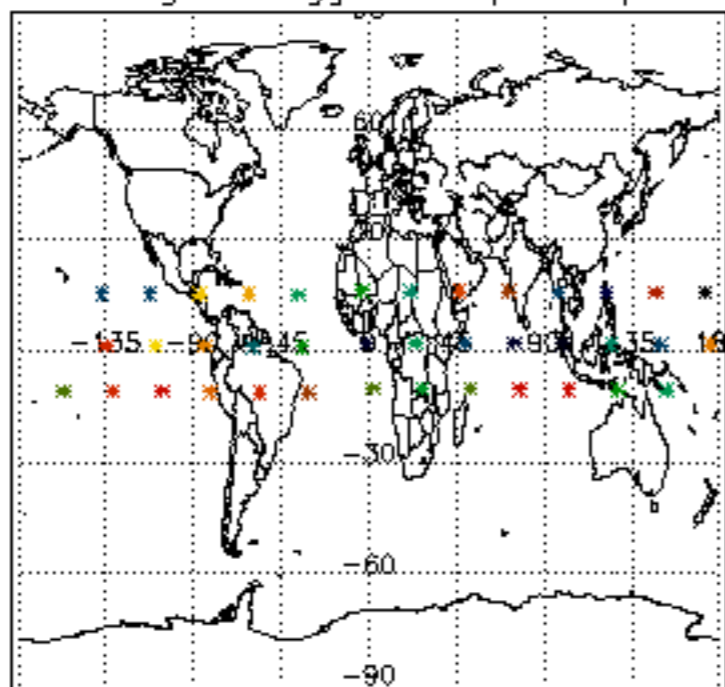
6. Auxiliary Data Files used for the production reported in section 2

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.

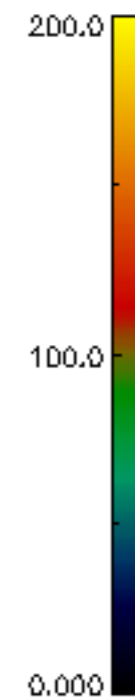
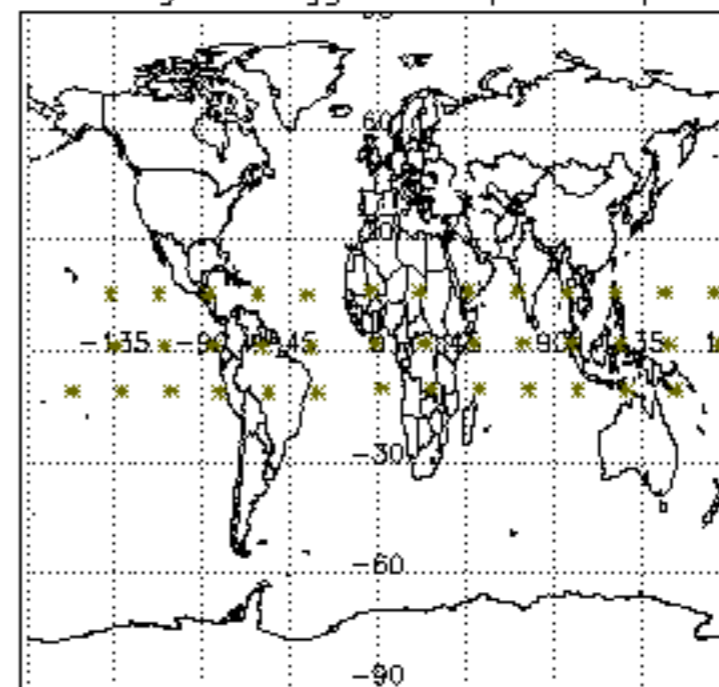
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 10-APR-2009 00:01:34 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 10-APR-2009 00:01:34 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 10-APR-2009 00:01:34 |



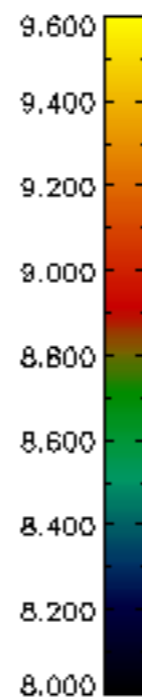
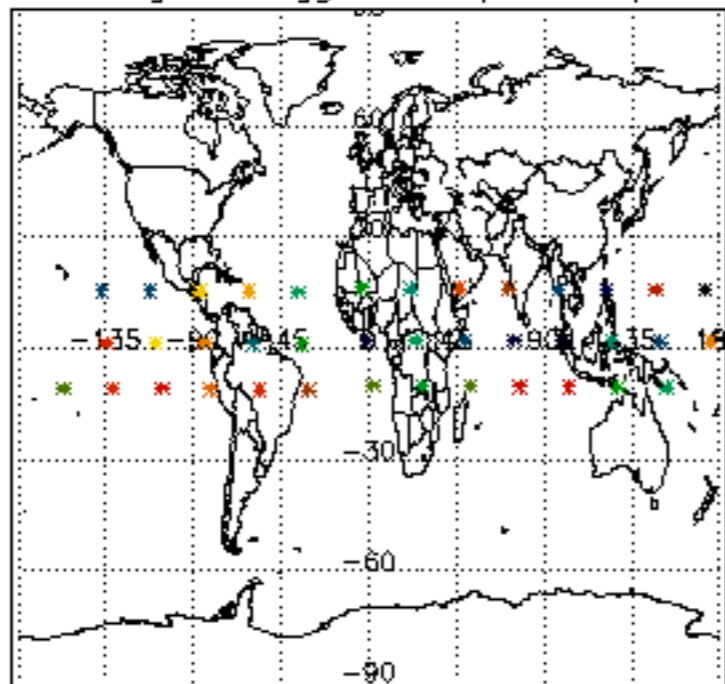
Percentage of flagged data per D3 profile



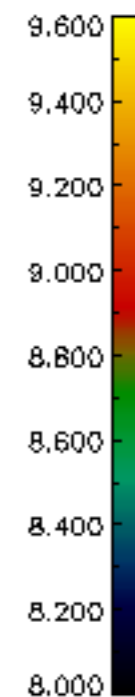
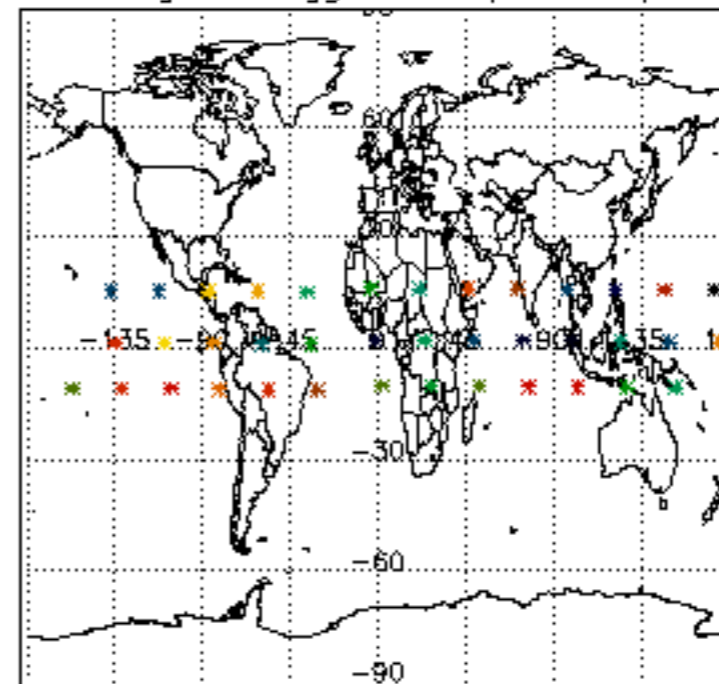
Percentage of flagged data per H2O profile

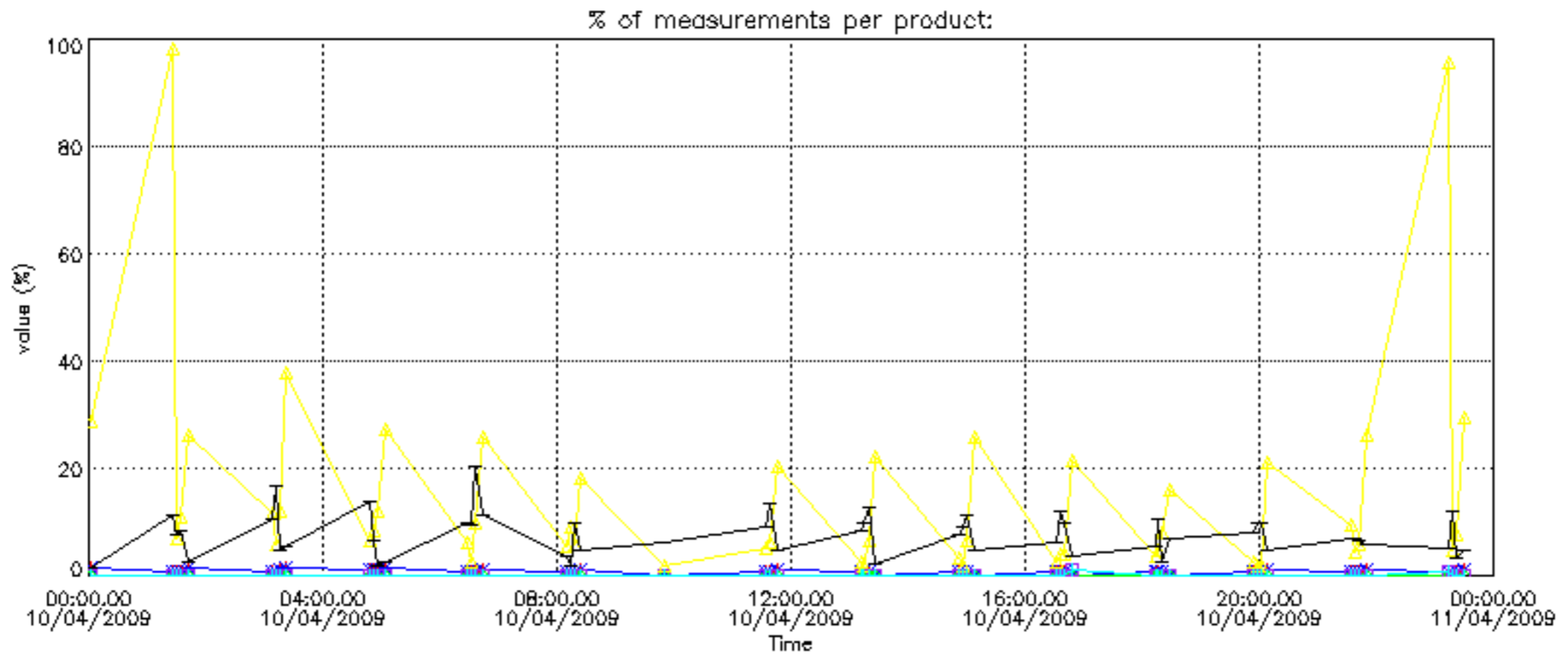


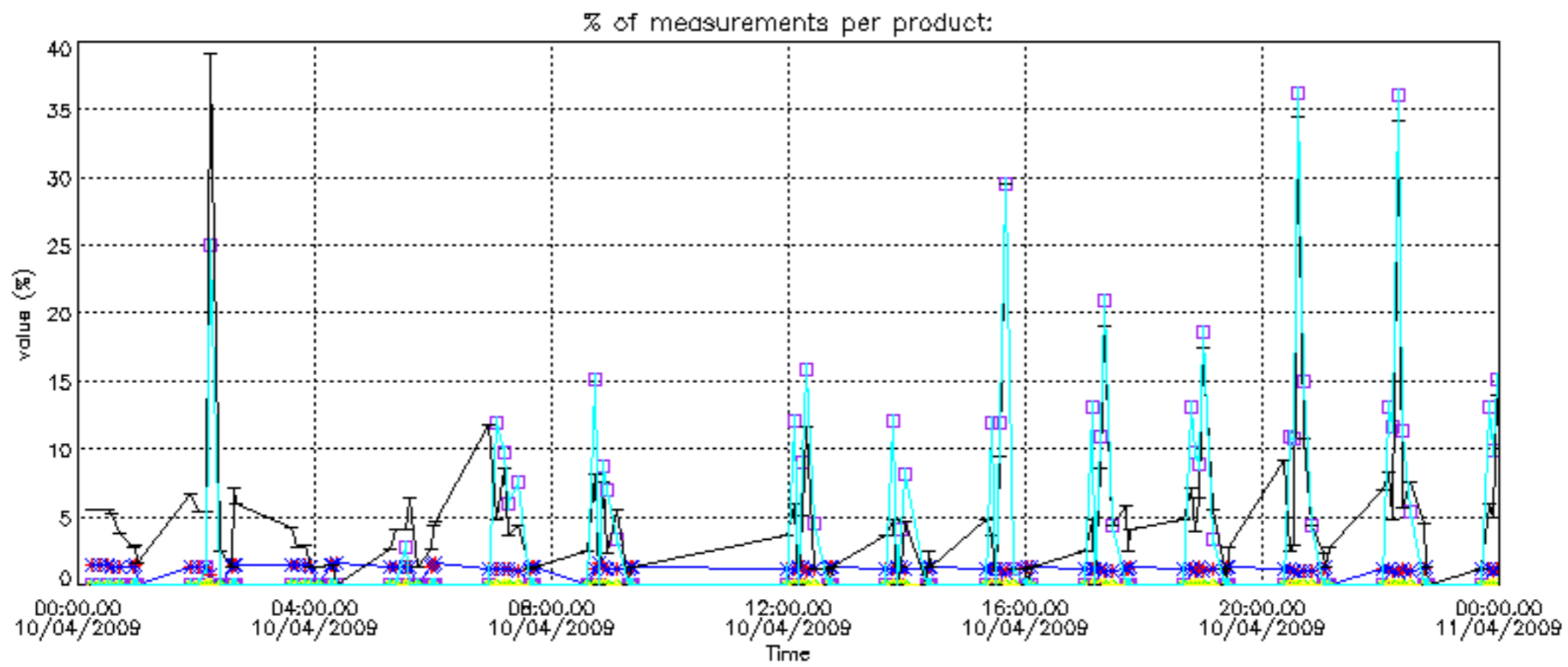
Percentage of flagged data per NO2 profile



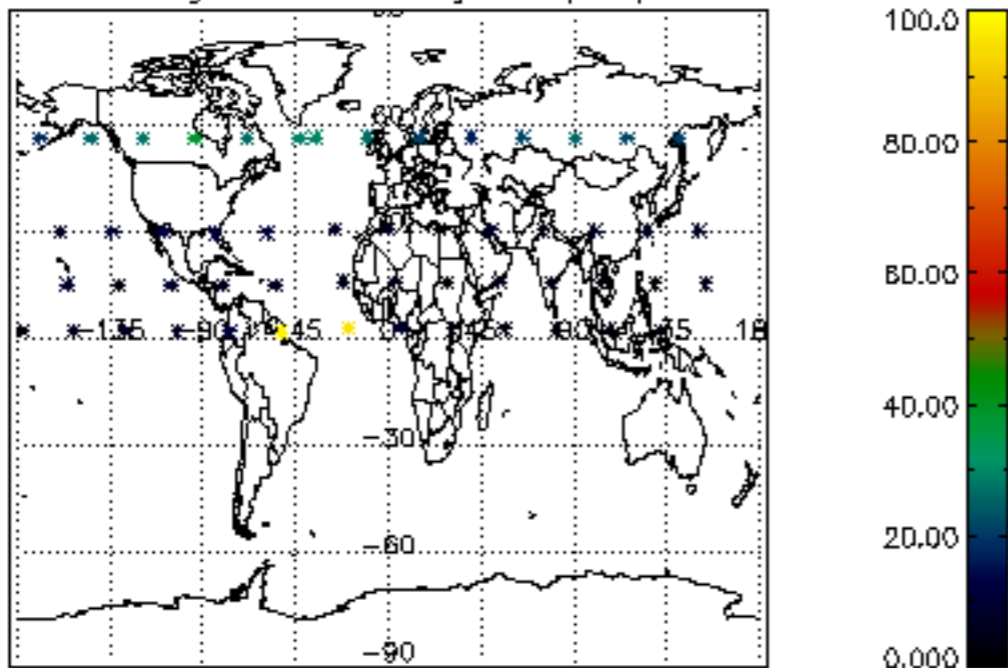
Percentage of flagged data per NO3 profile



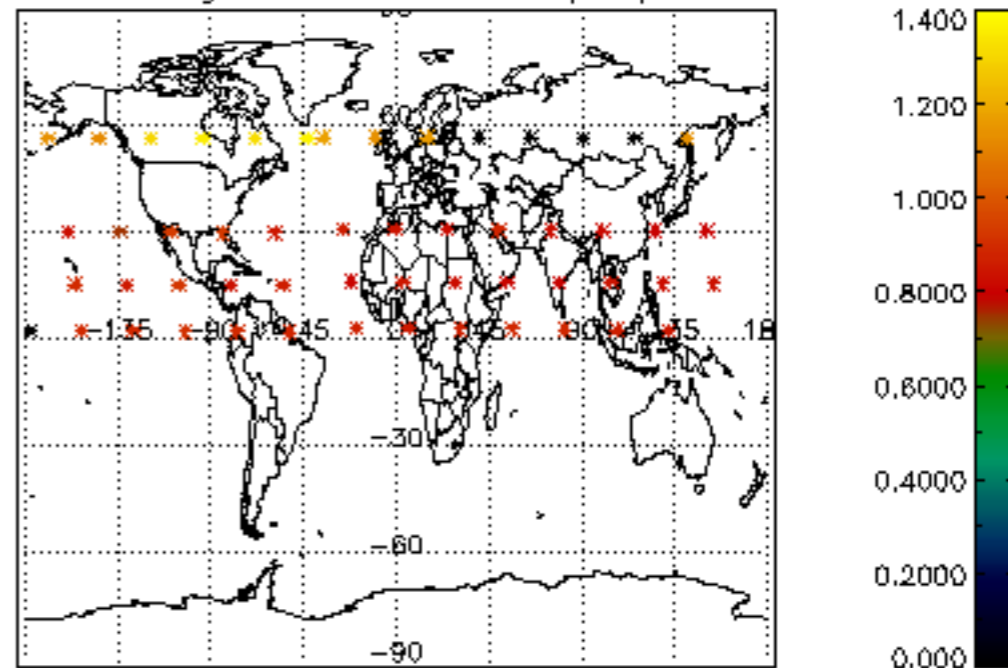




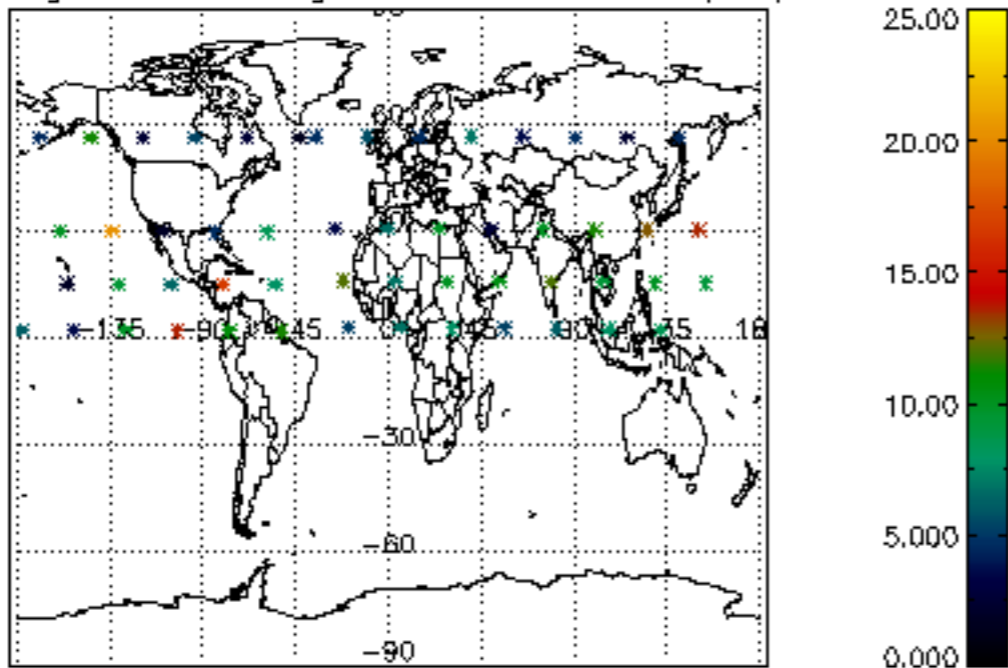
Percentage of cosmic ray hits per profile



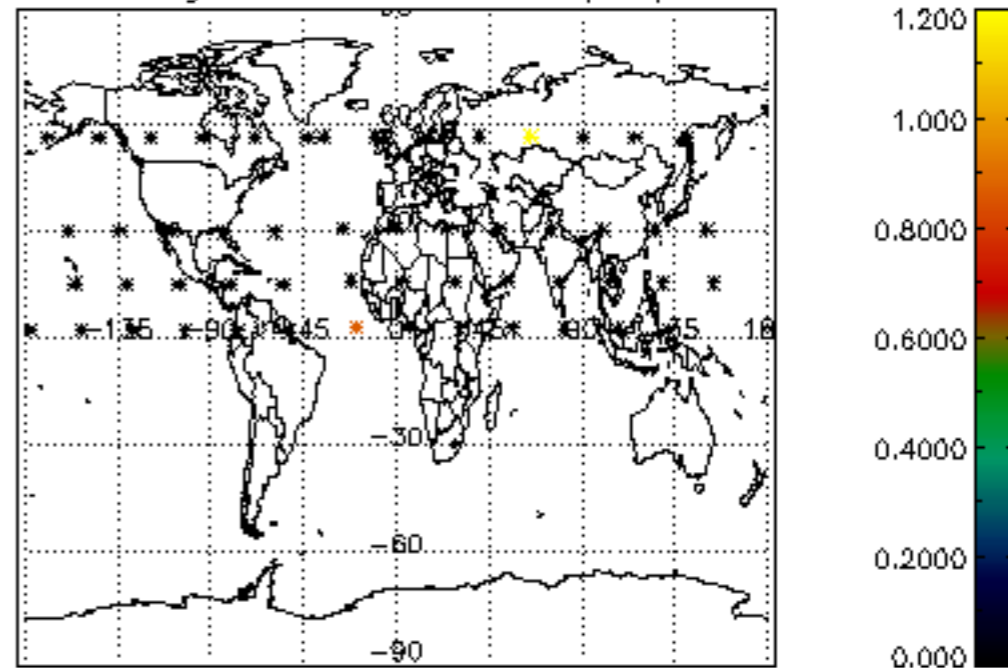
Percentage of datation errors per profile



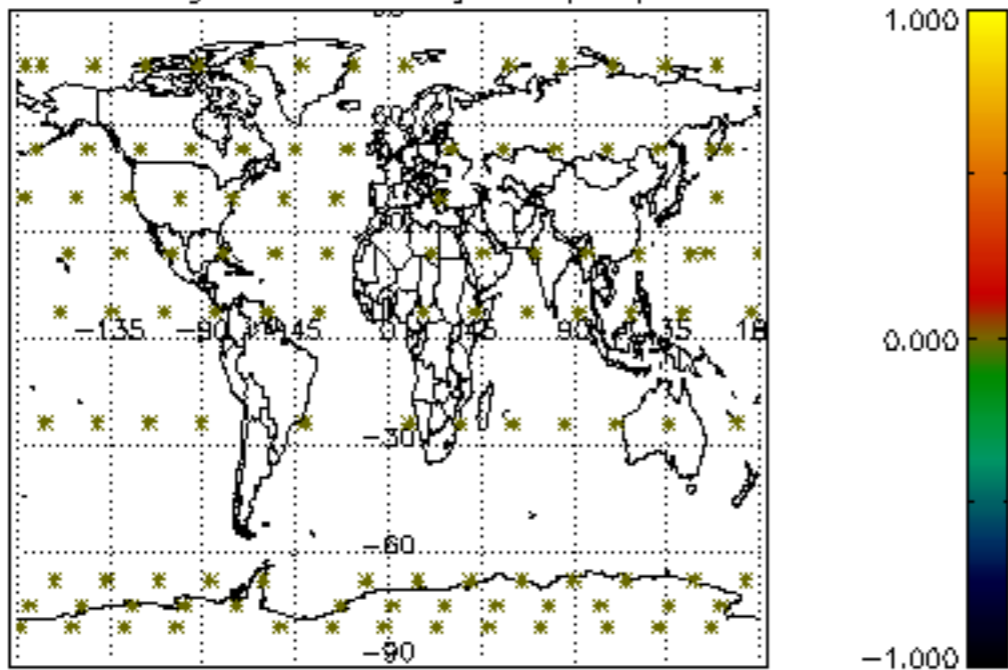
Percentage of star falling outside central band per profile



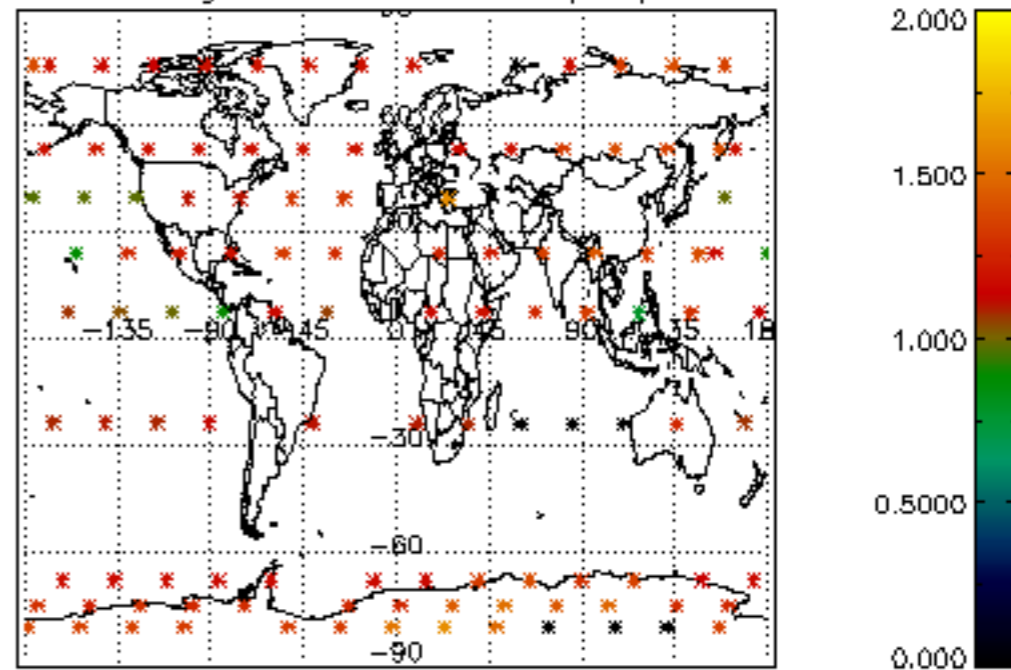
Percentage of saturation errors per profile



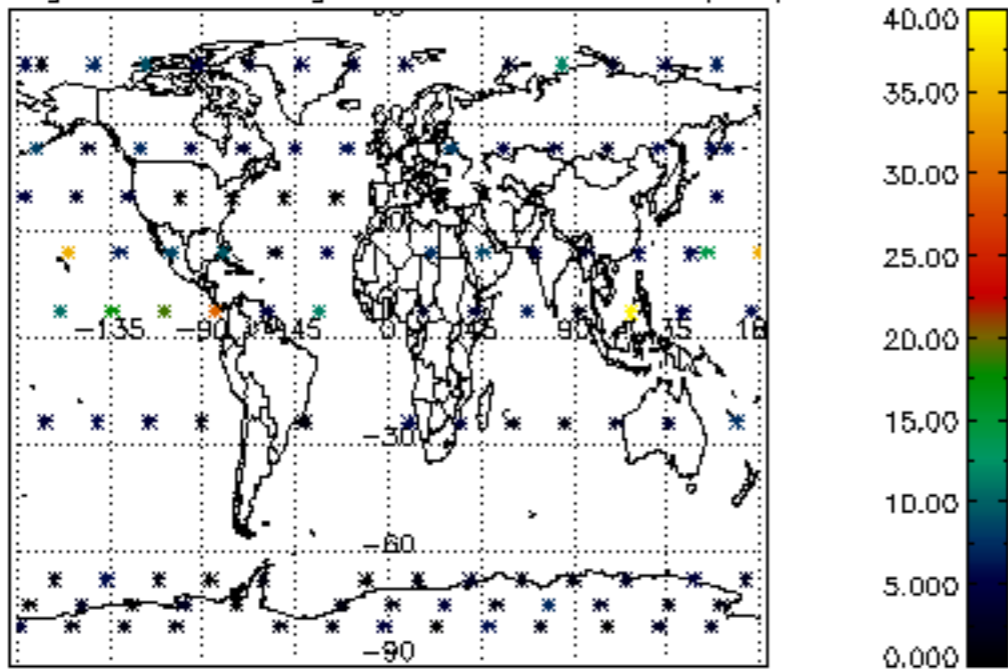
Percentage of cosmic ray hits per profile



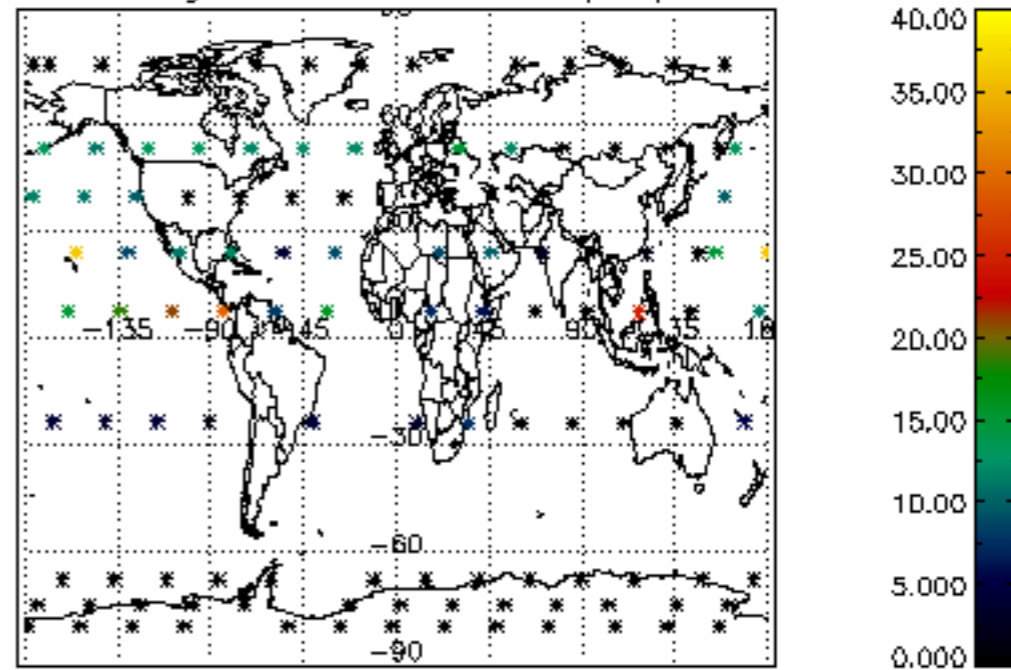
Percentage of datation errors per profile

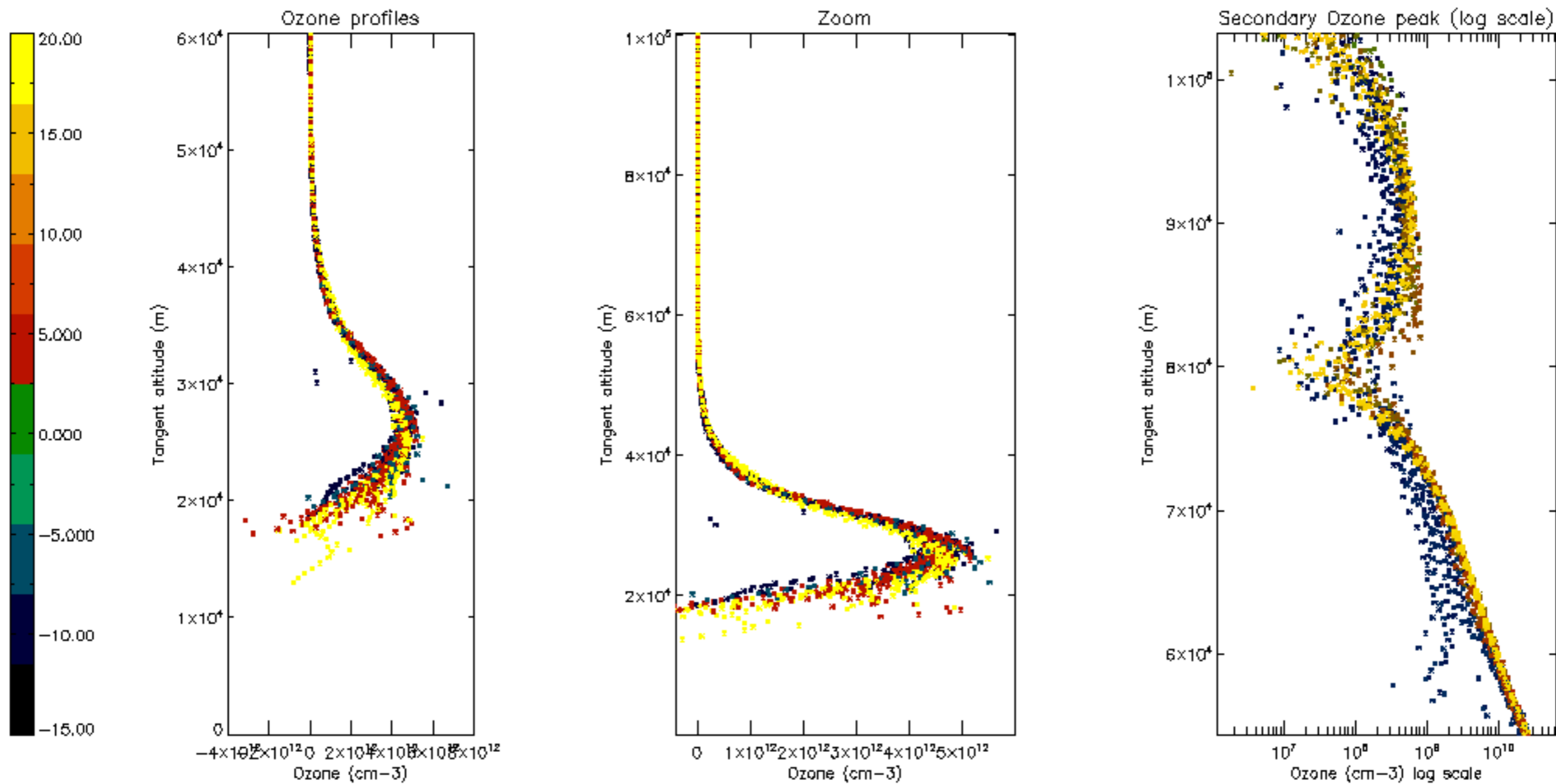


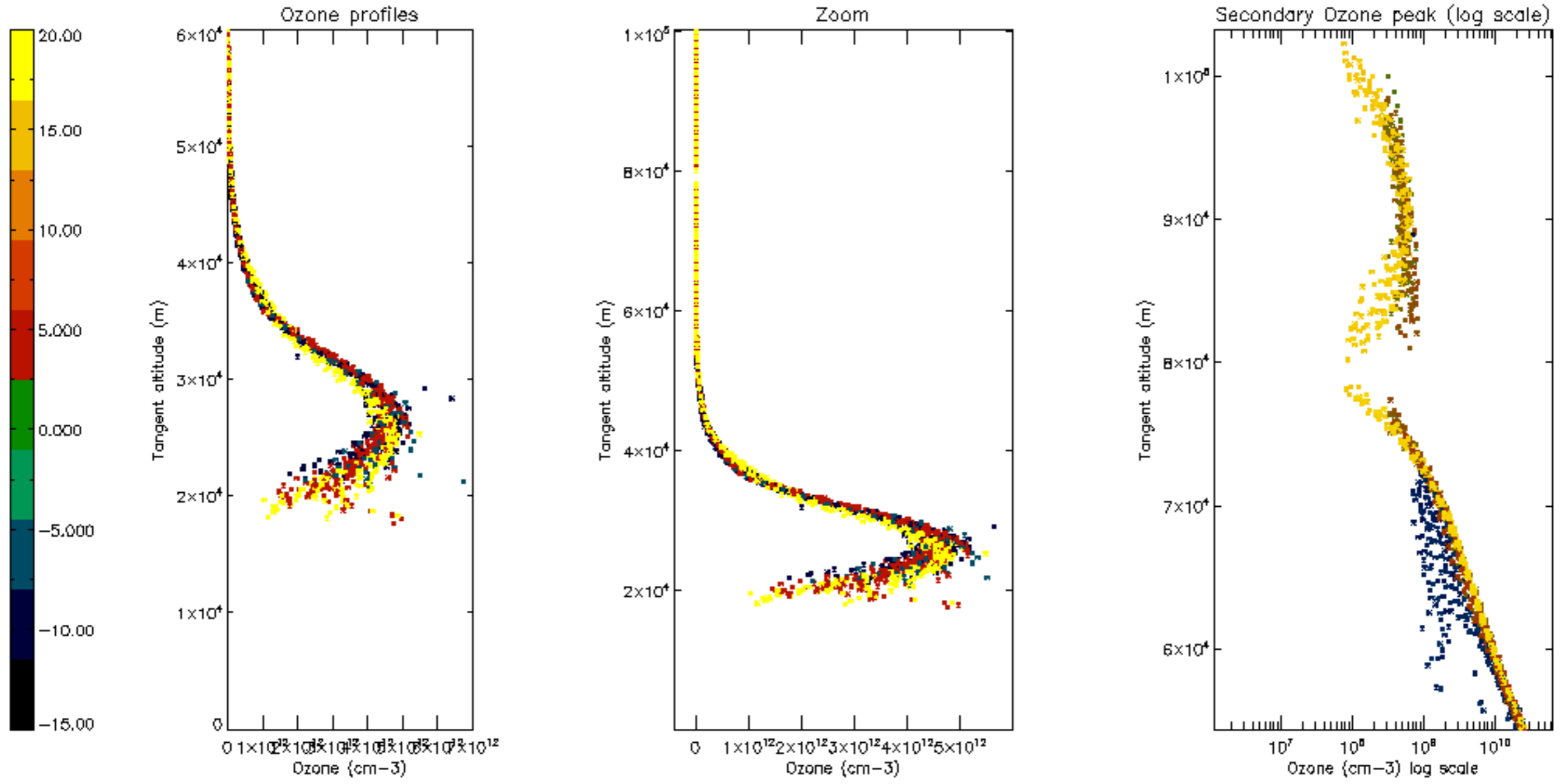
Percentage of star falling outside central band per profile

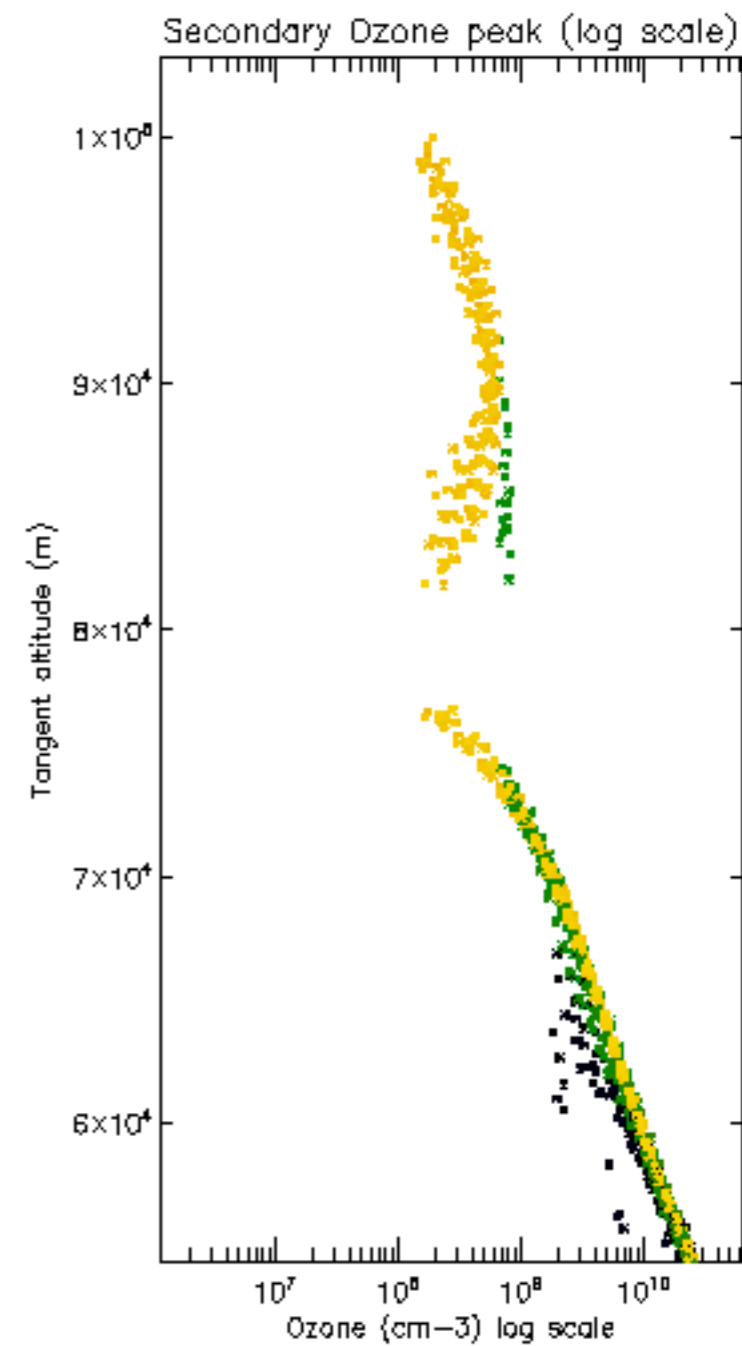
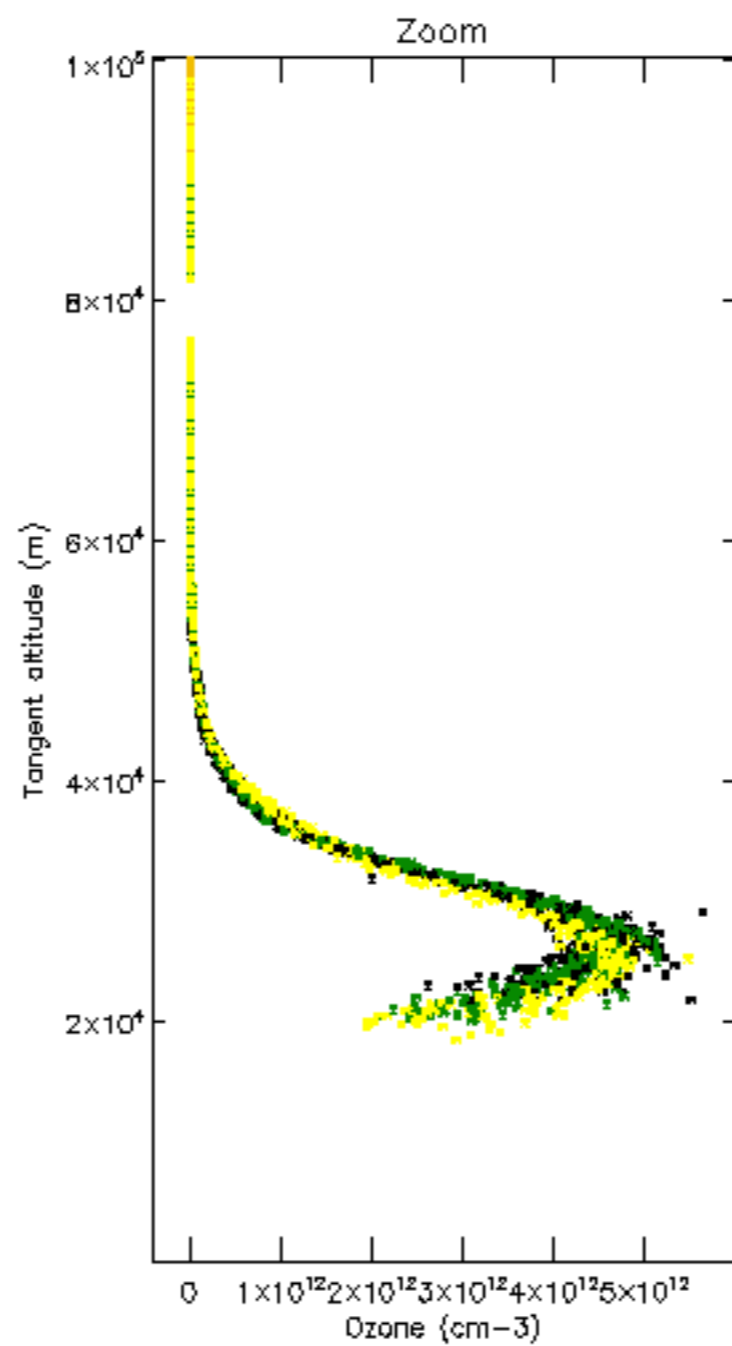
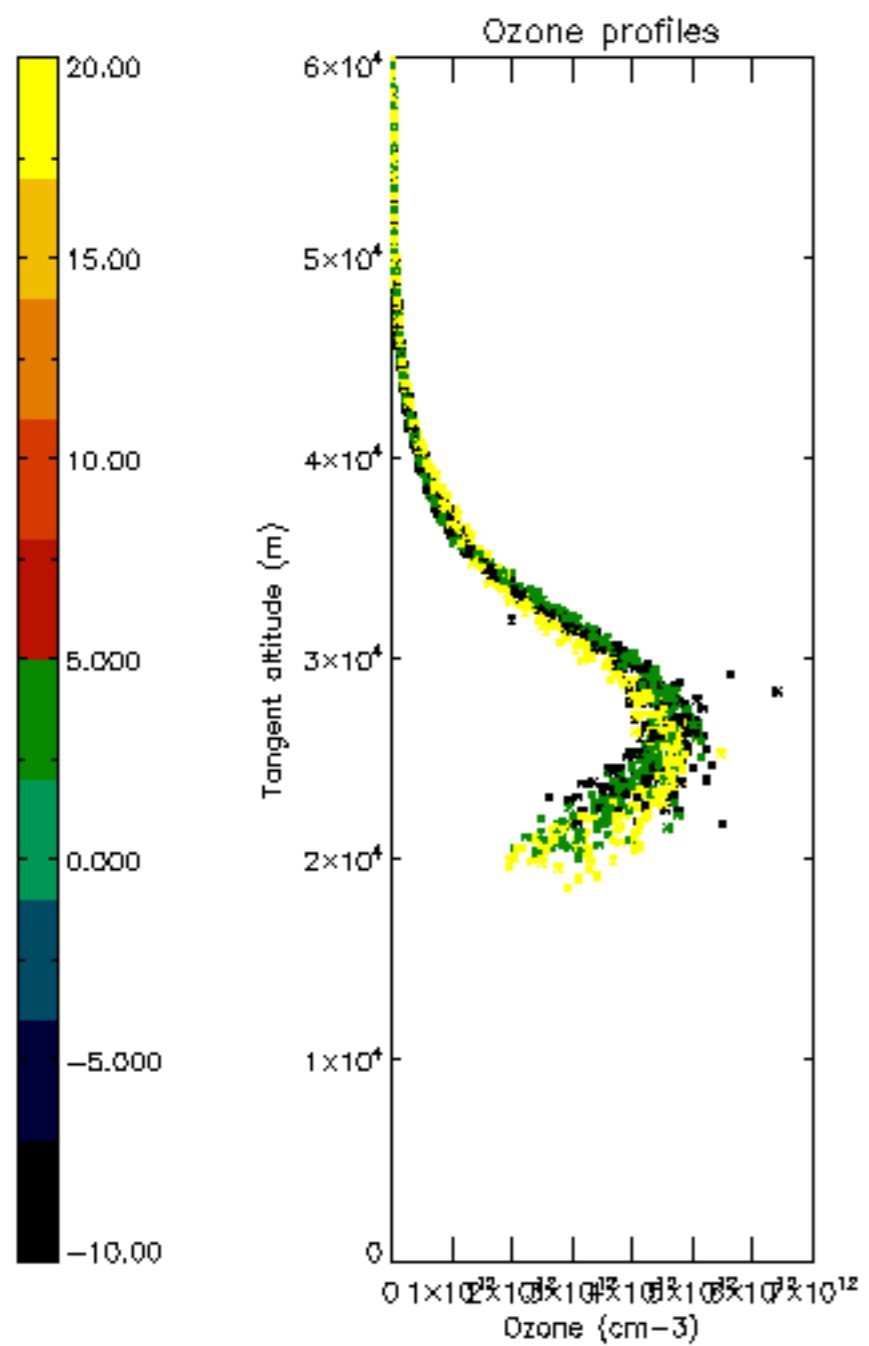


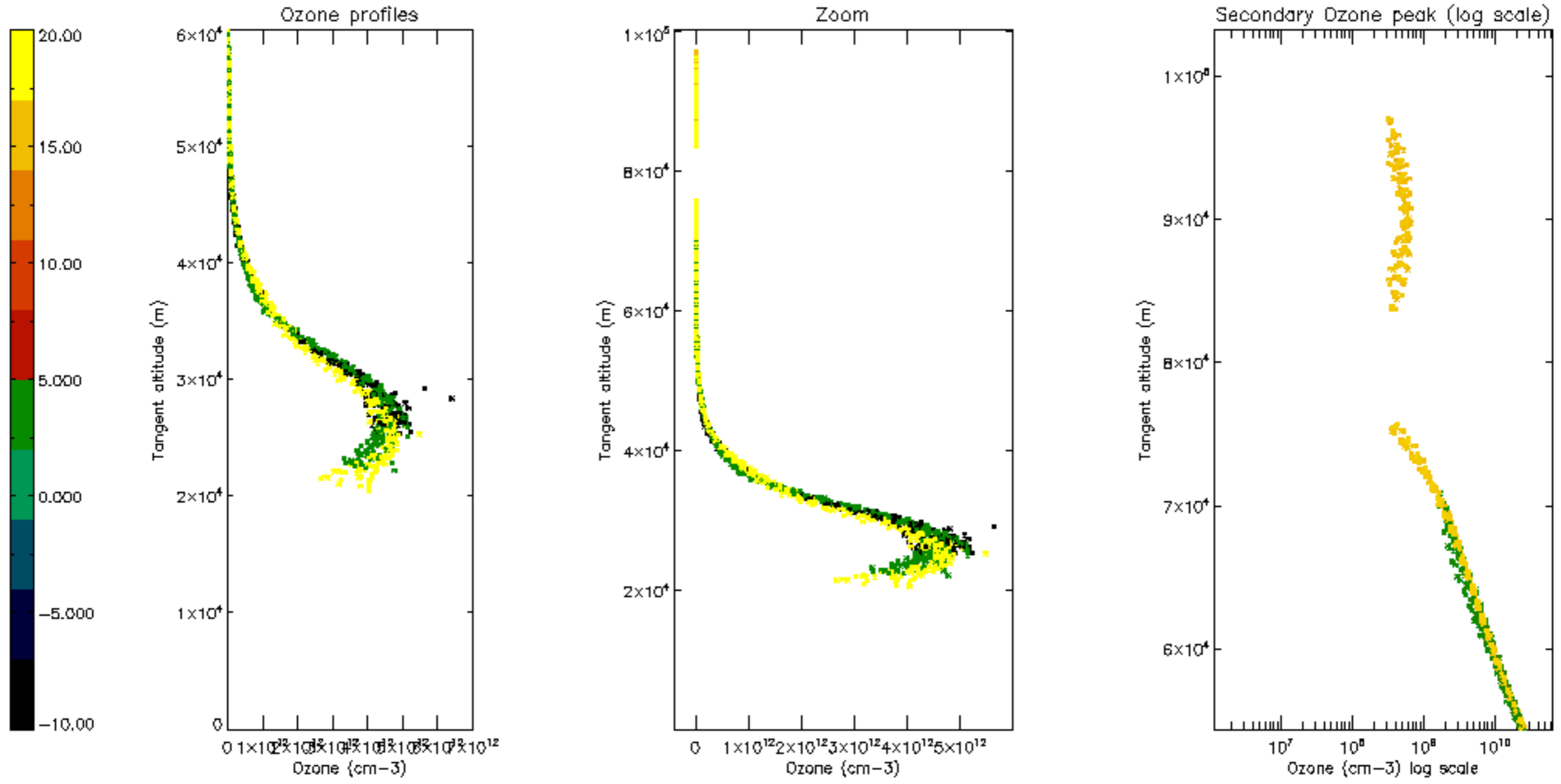
Percentage of saturation errors per profile

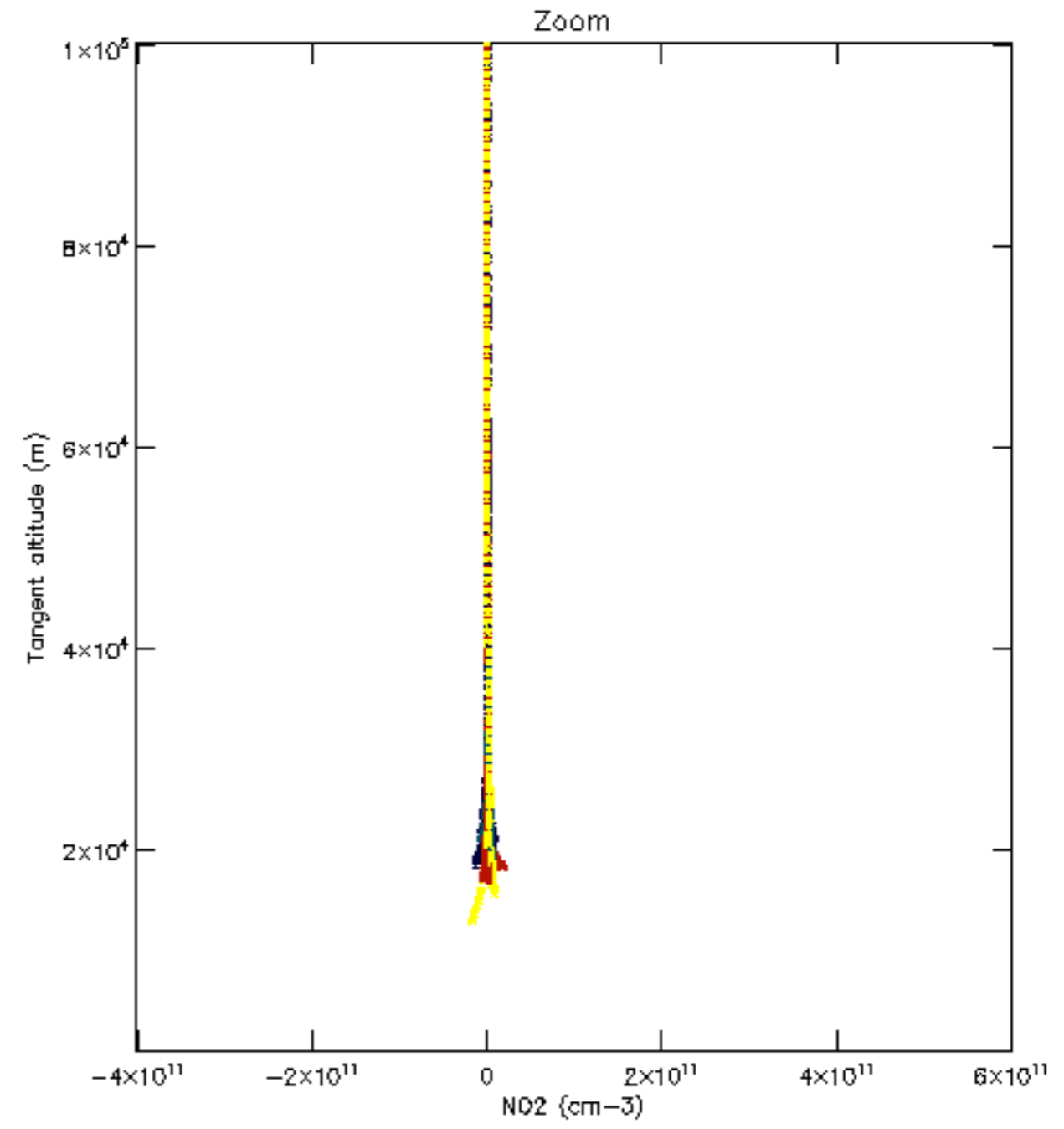
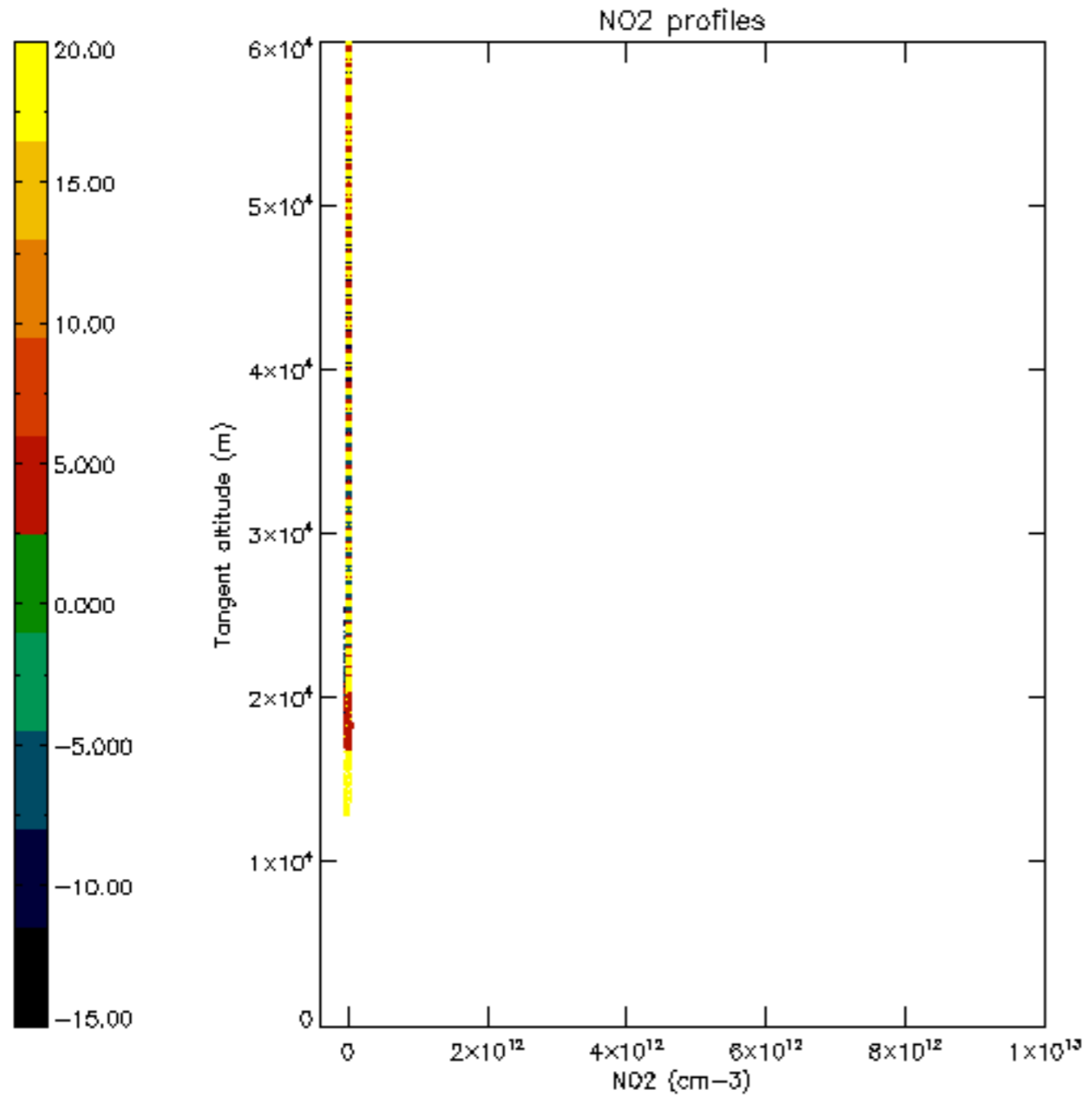


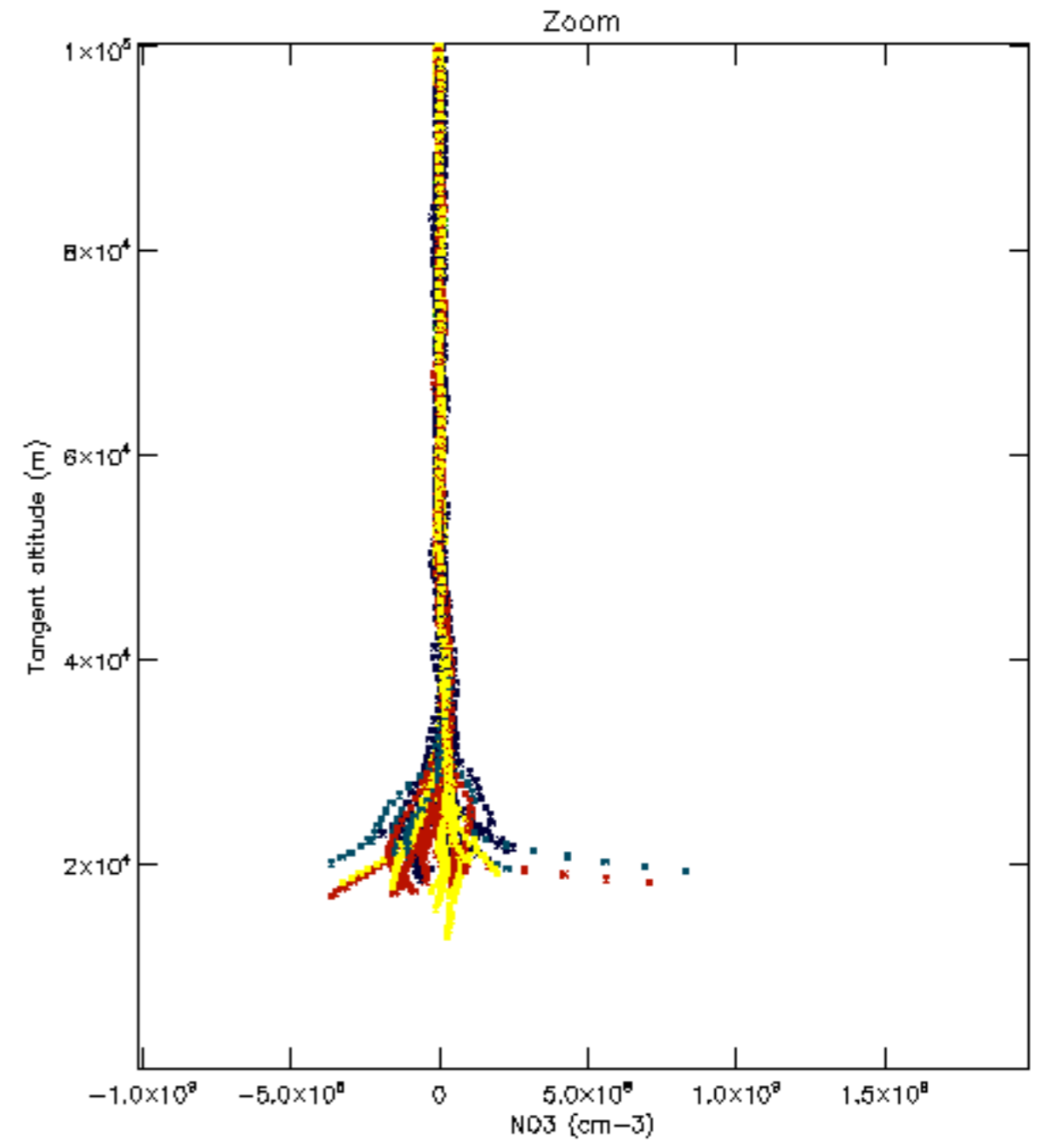
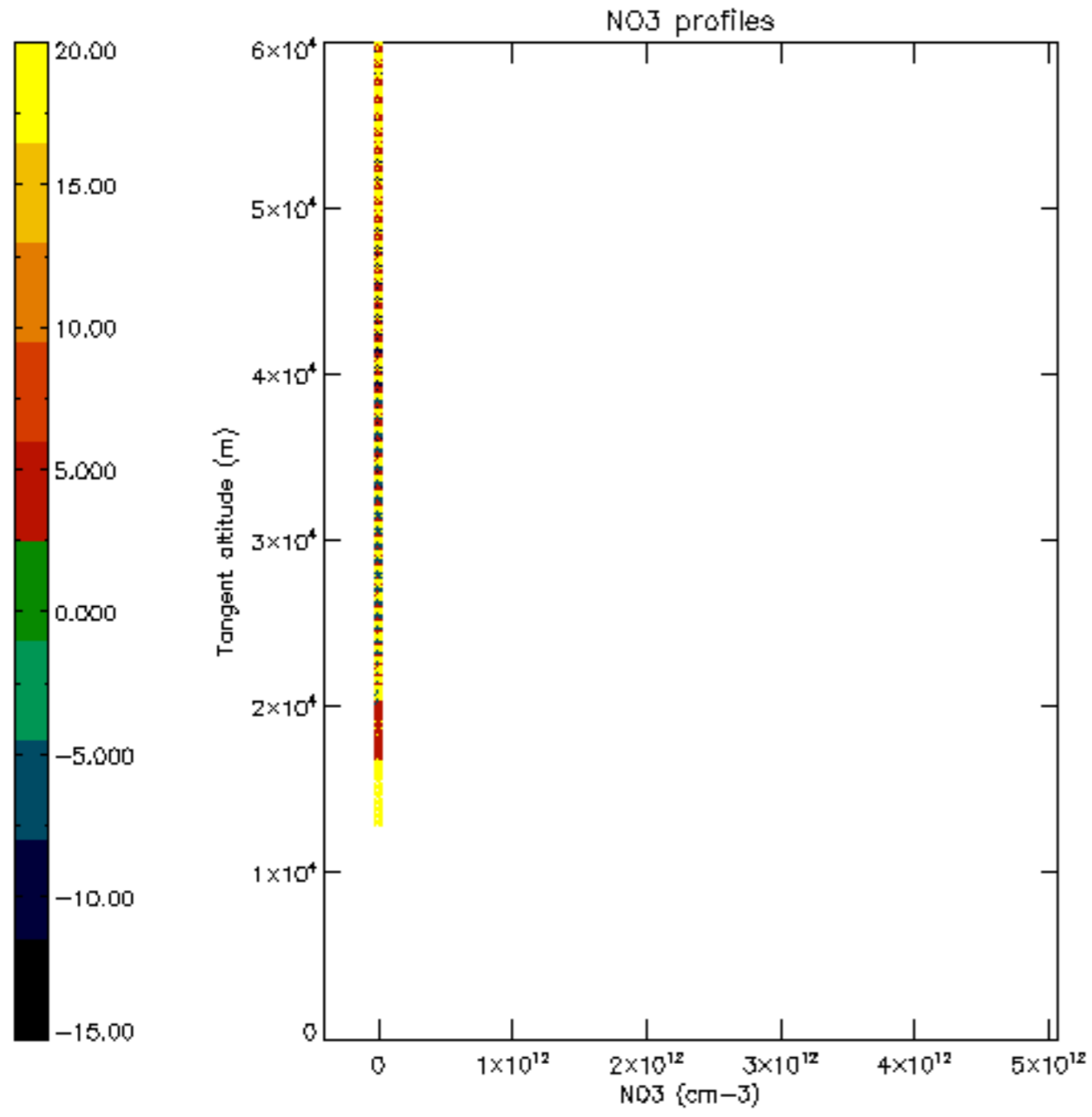


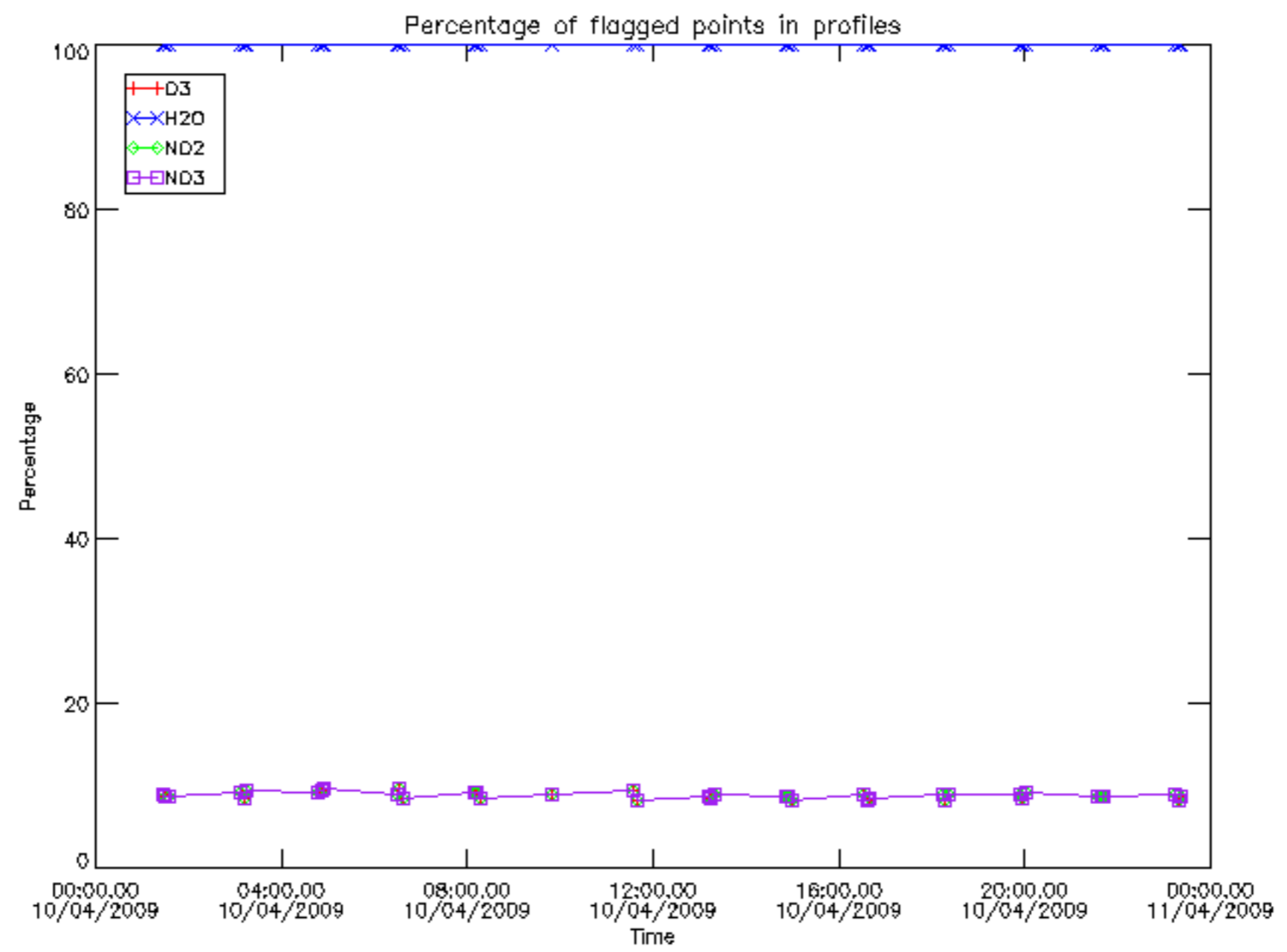




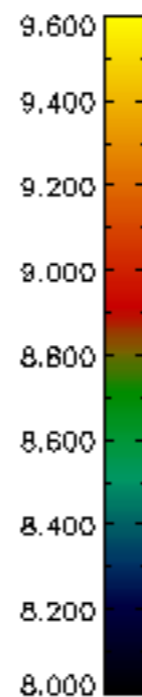
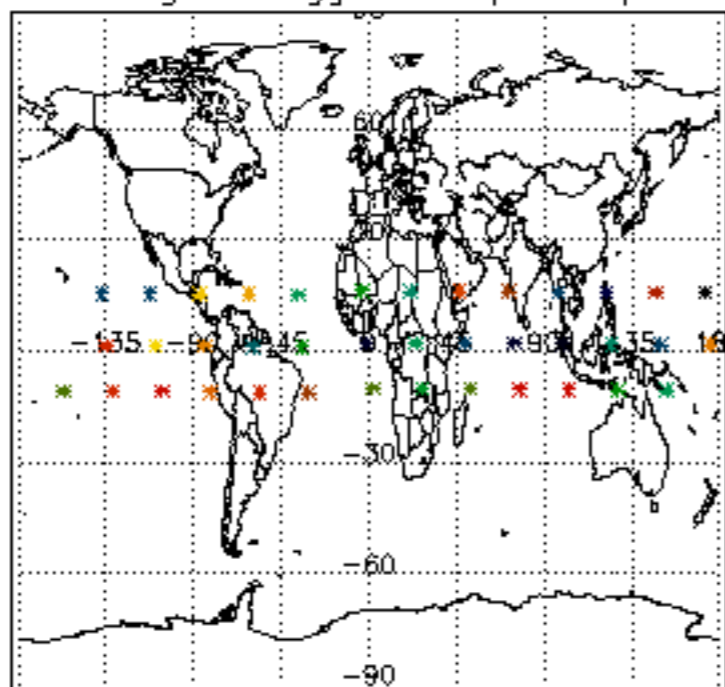




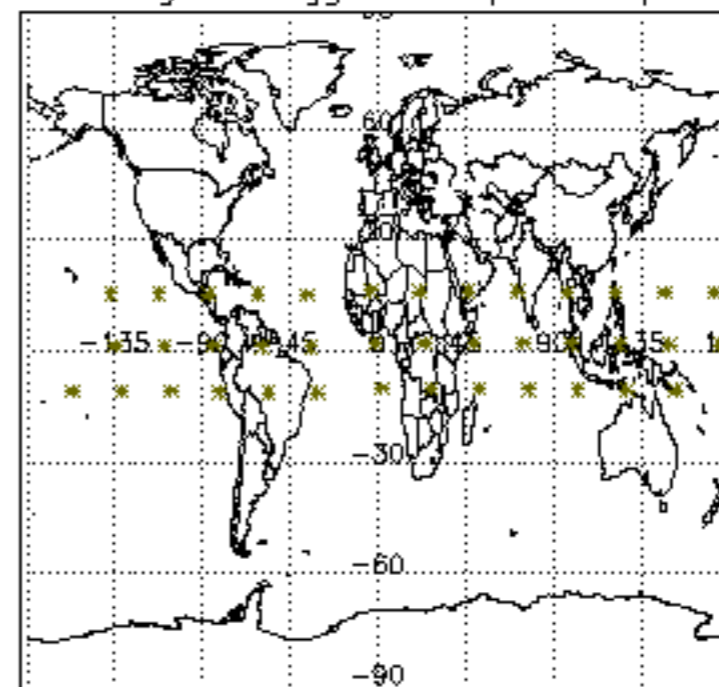




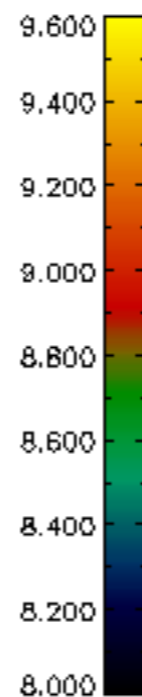
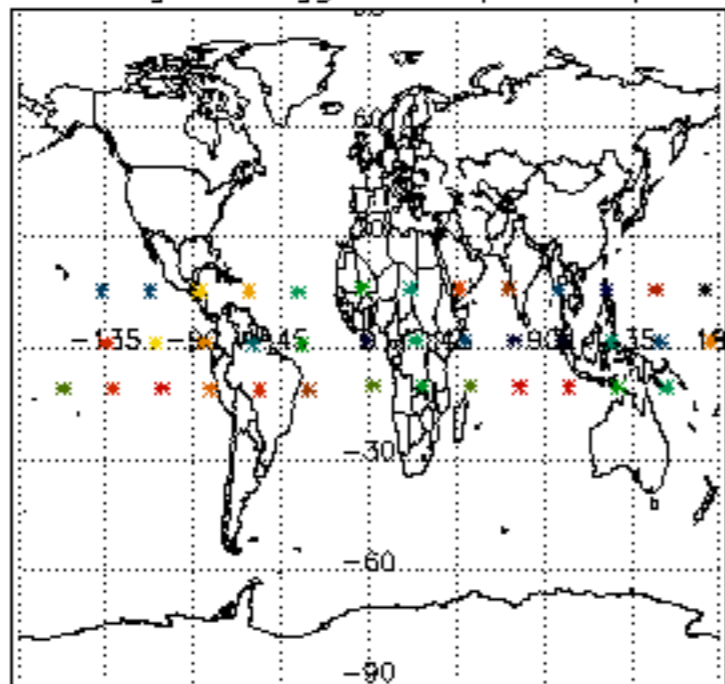
Percentage of flagged data per D3 profile



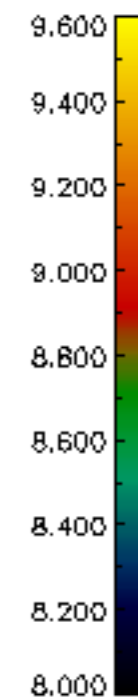
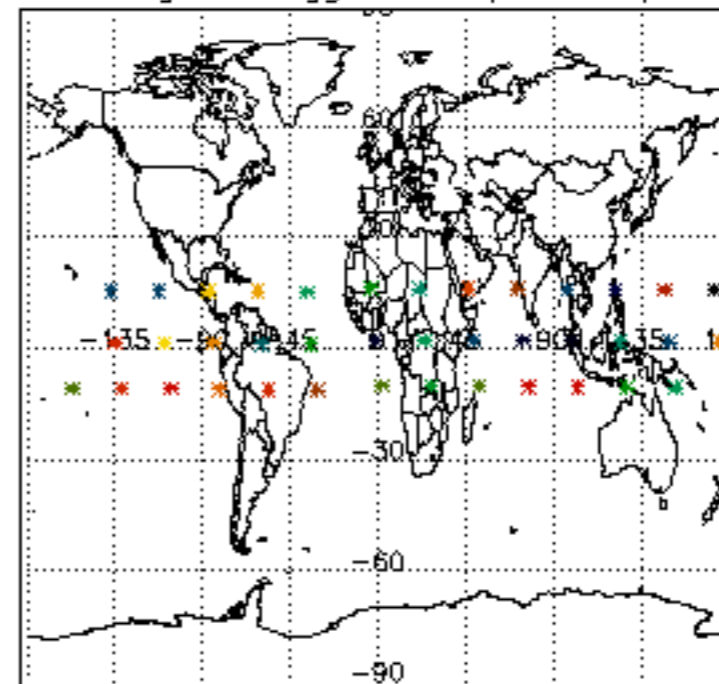
Percentage of flagged data per H2O profile

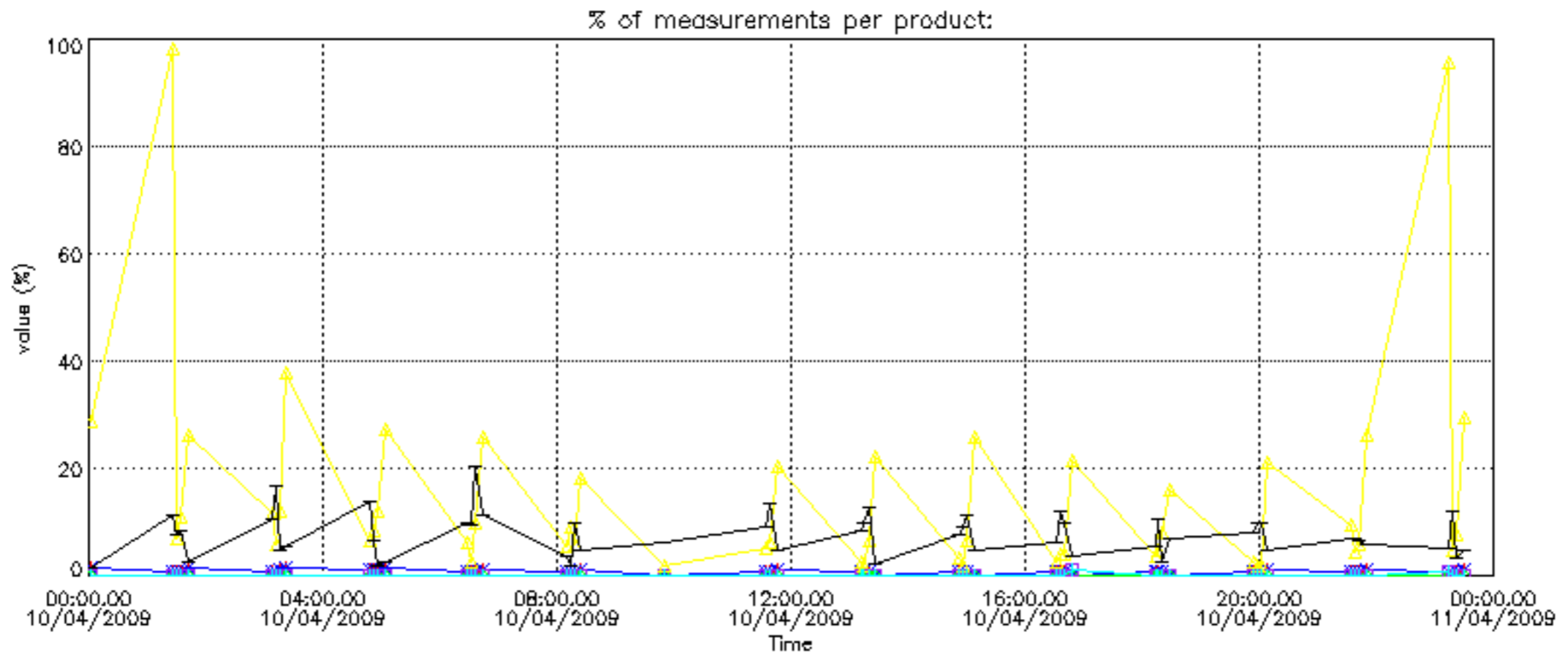


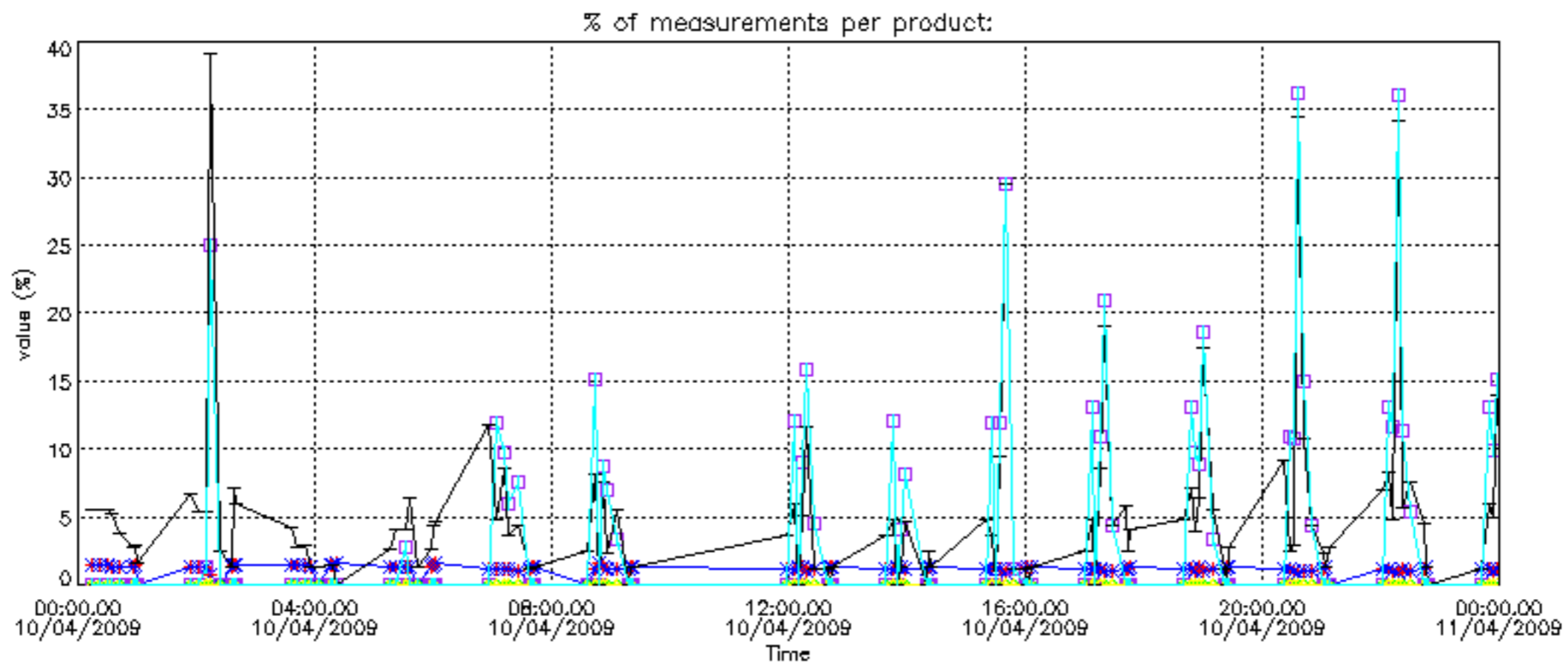
Percentage of flagged data per NO2 profile



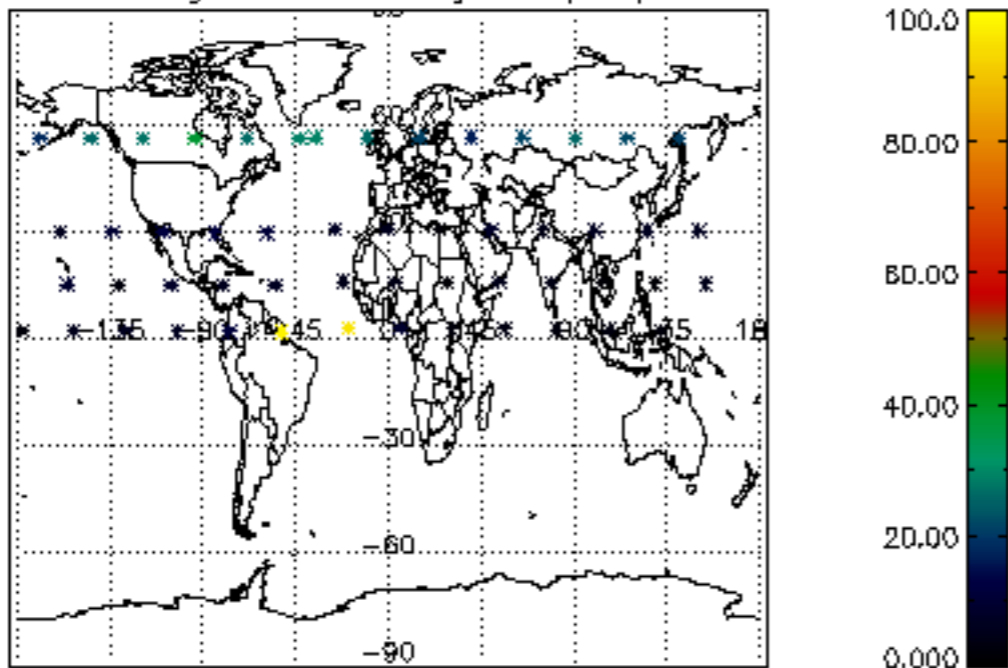
Percentage of flagged data per NO3 profile



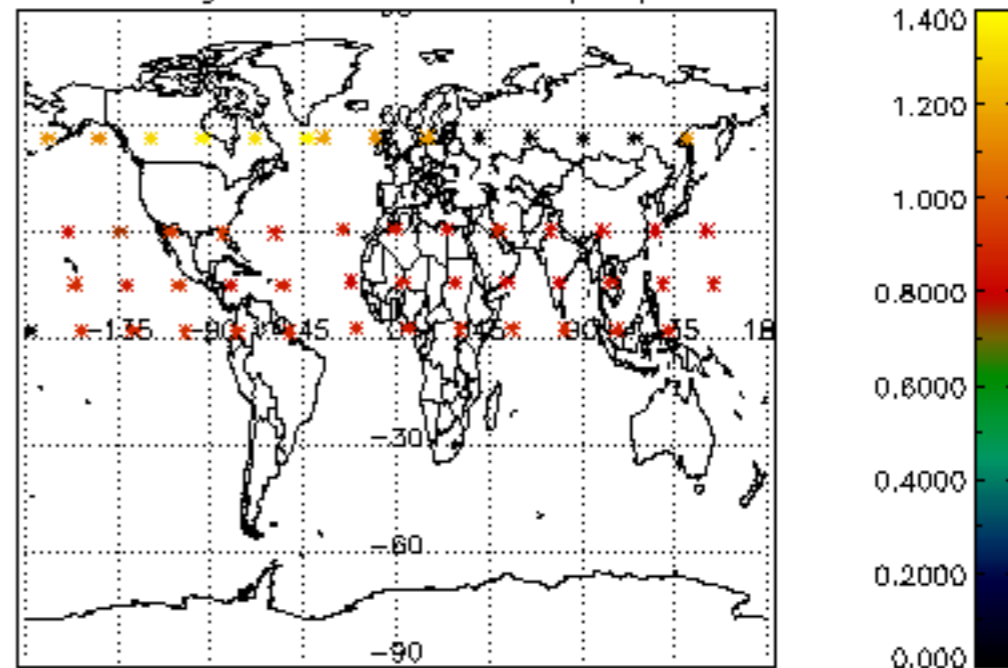




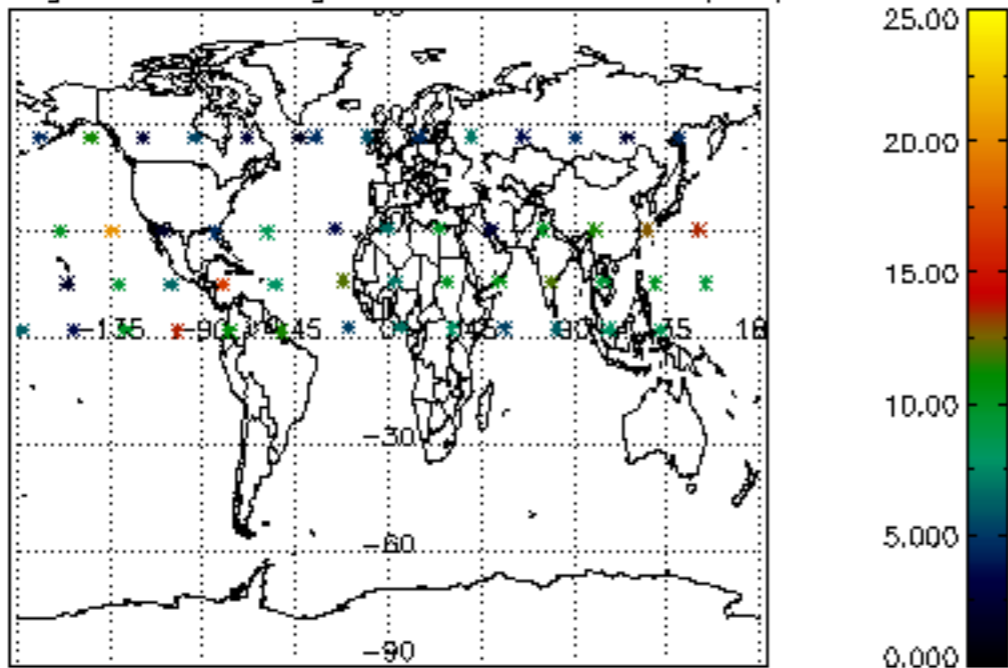
Percentage of cosmic ray hits per profile



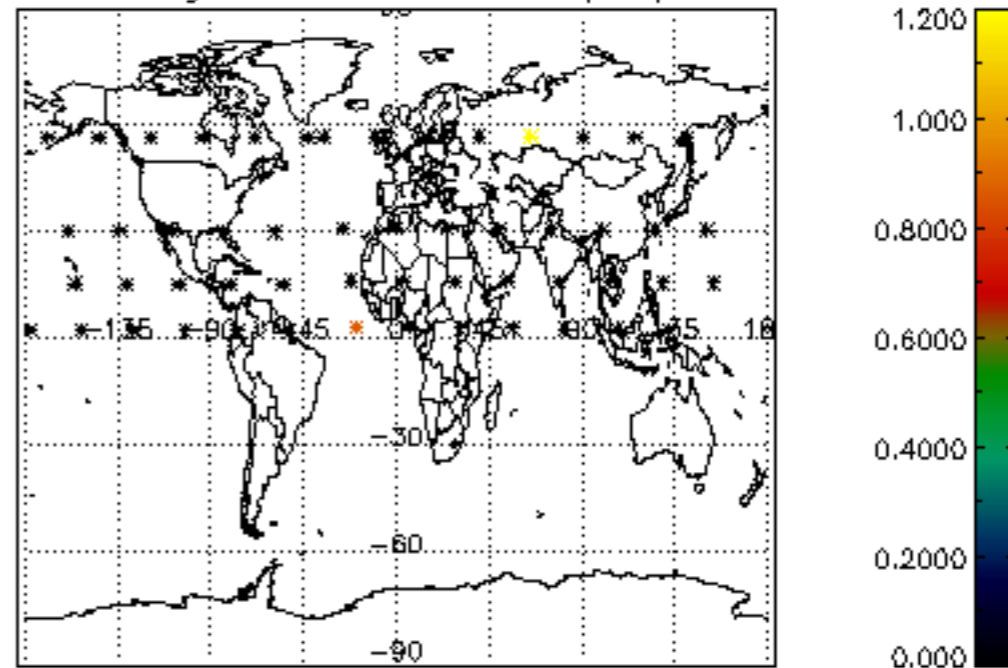
Percentage of datation errors per profile



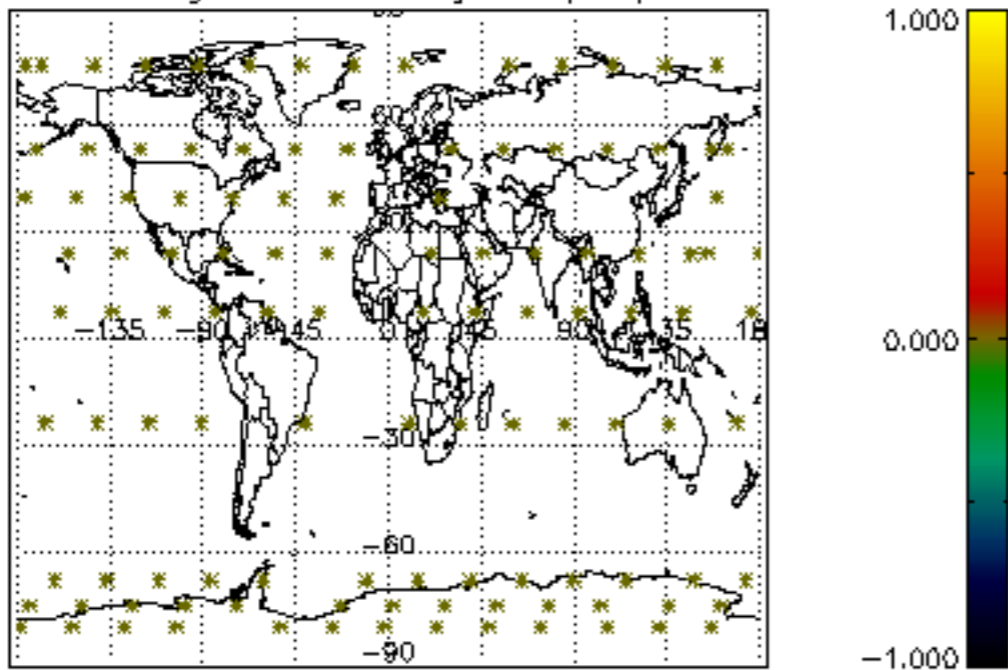
Percentage of star falling outside central band per profile



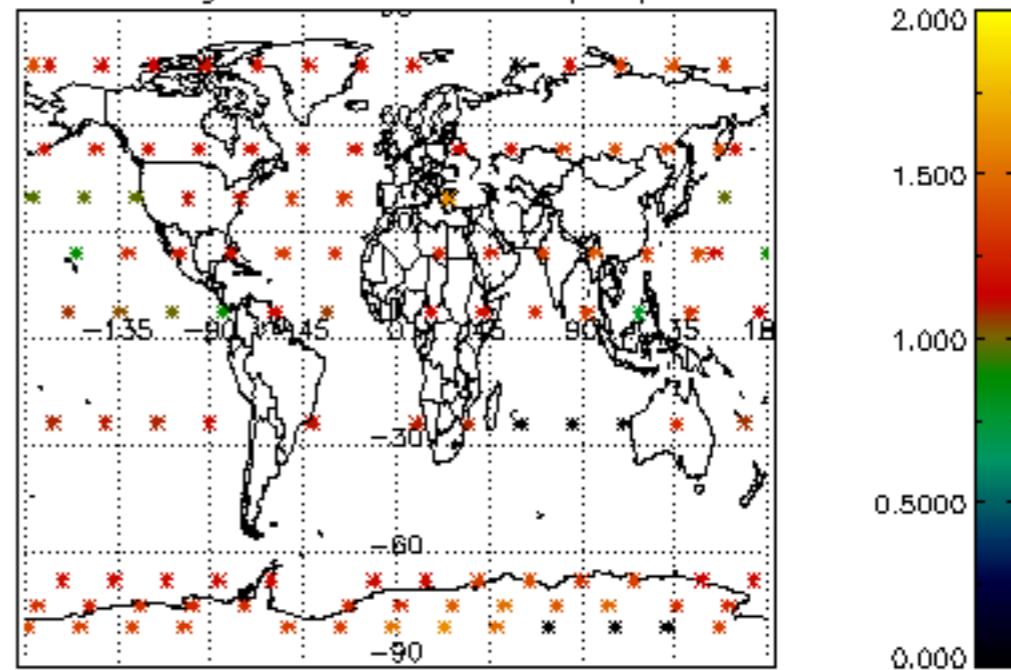
Percentage of saturation errors per profile



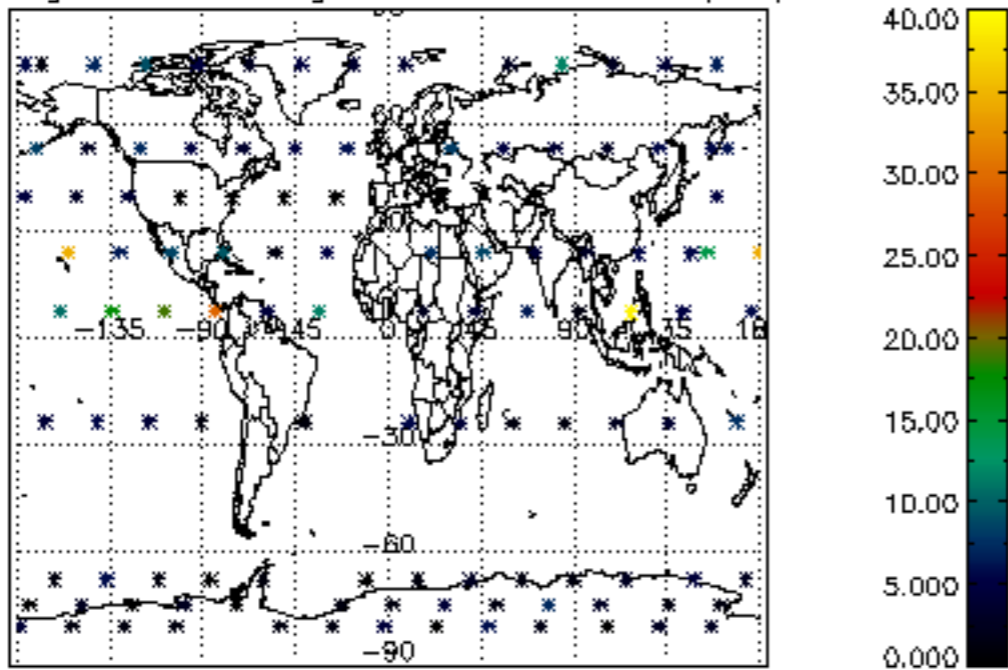
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

