

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 14:05:35 |
| Data source version | GOMOS/6.01 |
| Start time of products | 20-11-2009 (20NOV2009 00:00:00) |
| Stop time of products | 21-11-2009 (21NOV2009 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 276 |
| 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__2PRFIN20091120_005232_000000492084_00246_40380_1405.N1 | 20-NOV-2009 00:52:32 | Dark | 49.000 | 41 | Eps Car | 1.8600 | 4100.0 | 98 | 40380 | No |
| 2 | GOM_NL__2PRFIN20091120_005459_000000502084_00246_40380_1406.N1 | 20-NOV-2009 00:54:59 | Dark | 50.000 | 70 | Zet Pup | 2.2460 | 39000. | 100 | 40380 | No |
| 3 | GOM_NL__2PRFIN20091120_005803_000000542084_00246_40380_1407.N1 | 20-NOV-2009 00:58:03 | Dark | 54.000 | 2 | Alp Car | -0.73600 | 7000.0 | 108 | 40380 | No |
| 4 | GOM_NL__2PRFIN20091120_010443_000000542084_00246_40380_1408.N1 | 20-NOV-2009 01:04:43 | Dark | 53.500 | 108 | Alp Col | 2.6520 | 15200. | 107 | 40380 | No |
| 5 | GOM_NL__2PRFIN20091120_011330_000000472084_00246_40380_1409.N1 | 20-NOV-2009 01:13:30 | Straylight | 47.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 94 | 40380 | No |
| 6 | GOM_NL__2PRFIN20091120_011859_000000462084_00246_40380_1410.N1 | 20-NOV-2009 01:18:59 | Twilight | 46.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 92 | 40380 | No |
| 7 | GOM_NL__2PRFIN20091120_012536_000000422084_00246_40380_1411.N1 | 20-NOV-2009 01:25:36 | Bright | 42.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 84 | 40380 | No |
| 8 | GOM_NL__2PRFIN20091120_012810_000000442084_00246_40380_1412.N1 | 20-NOV-2009 01:28:10 | Bright | 44.000 | 150 | 44Zet Per | 2.8900 | 28000. | 88 | 40380 | No |
| 9 | GOM_NL__2PRFIN20091120_012953_000000392084_00246_40380_1413.N1 | 20-NOV-2009 01:29:53 | Bright | 39.000 | 79 | 26Bet Per | 2.3100 | 13100. | 78 | 40380 | No |
| 10 | GOM_NL__2PRFIN20091120_013229_000000402084_00246_40380_1414.N1 | 20-NOV-2009 01:32:29 | Bright | 39.500 | 175 | 39Del Per | 3.0100 | 19400. | 79 | 40380 | No |
| 11 | GOM_NL__2PRFIN20091120_015033_000000452084_00246_40380_1415.N1 | 20-NOV-2009 01:50:33 | Bright | 45.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 90 | 40380 | No |
| 12 | GOM_NL__2PRFIN20091120_015212_000000442084_00246_40380_1416.N1 | 20-NOV-2009 01:52:12 | Bright | 44.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 88 | 40380 | No |
| 13 | GOM_NL__2PRFIN20091120_015337_000000382084_00246_40380_1417.N1 | 20-NOV-2009 01:53:37 | Bright | 37.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 75 | 40380 | No |
| 14 | GOM_NL__2PRFIN20091120_015622_000000672084_00246_40380_1418.N1 | 20-NOV-2009 01:56:22 | Bright | 67.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 134 | 40380 | No |
| 15 | GOM_NL__2PRFIN20091120_015822_000000512084_00246_40380_1419.N1 | 20-NOV-2009 01:58:22 | Bright | 50.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 101 | 40380 | No |
| 16 | GOM_NL__2PRFIN20091120_020642_000000482084_00246_40380_1420.N1 | 20-NOV-2009 02:06:42 | Bright | 48.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 96 | 40380 | No |
| 17 | GOM_NL__2PRFIN20091120_021012_000000442084_00246_40380_1421.N1 | 20-NOV-2009 02:10:12 | Bright | 43.500 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 87 | 40380 | No |
| 18 | GOM_NL__2PRFIN20091120_021523_000000452084_00246_40380_1422.N1 | 20-NOV-2009 02:15:23 | Twilight | 44.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 89 | 40380 | No |
| 19 | GOM_NL__2PRFIN20091120_021655_000000462084_00246_40380_1423.N1 | 20-NOV-2009 02:16:55 | Twilight | 46.000 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 92 | 40380 | No |
| 20 | GOM_NL__2PRFIN20091120_022617_000000422084_00246_40380_1424.N1 | 20-NOV-2009 02:26:17 | Dark | 41.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 83 | 40380 | No |
| 21 | GOM_NL__2PRFIN20091120_023309_000000532084_00247_40381_1414.N1 | 20-NOV-2009 02:33:09 | Dark | 52.500 | 41 | Eps Car | 1.8600 | 4100.0 | 105 | 40381 | No |
| 22 | GOM_NL__2PRFIN20091120_023536_000000502084_00247_40381_1415.N1 | 20-NOV-2009 02:35:36 | Dark | 50.000 | 70 | Zet Pup | 2.2460 | 39000. | 100 | 40381 | No |
| 23 | GOM_NL__2PRFIN20091120_023839_000000562084_00247_40381_1416.N1 | 20-NOV-2009 02:38:39 | Dark | 55.500 | 2 | Alp Car | -0.73600 | 7000.0 | 111 | 40381 | No |
| 24 | GOM_NL__2PRFIN20091120_024519_000000492084_00247_40381_1417.N1 | 20-NOV-2009 02:45:19 | Dark | 48.500 | 108 | Alp Col | 2.6520 | 15200. | 97 | 40381 | No |
| 25 | GOM_NL__2PRFIN20091120_025406_000000512084_00247_40381_1418.N1 | 20-NOV-2009 02:54:06 | Straylight | 50.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 101 | 40381 | No |
| 26 | GOM_NL__2PRFIN20091120_025935_000000452084_00247_40381_1419.N1 | 20-NOV-2009 02:59:35 | Twilight | 44.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 89 | 40381 | No |
| 27 | GOM_NL__2PRFIN20091120_030612_000000442084_00247_40381_1420.N1 | 20-NOV-2009 03:06:12 | Bright | 43.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 87 | 40381 | No |
| 28 | GOM_NL__2PRFIN20091120_030845_000000432084_00247_40381_1421.N1 | 20-NOV-2009 03:08:45 | Bright | 43.000 | 150 | 44Zet Per | 2.8900 | 28000. | 86 | 40381 | No |
| 29 | GOM_NL__2PRFIN20091120_031029_000000392084_00247_40381_1422.N1 | 20-NOV-2009 03:10:29 | Bright | 38.500 | 79 | 26Bet Per | 2.3100 | 13100. | 77 | 40381 | No |
| 30 | GOM_NL__2PRFIN20091120_031304_000000392084_00247_40381_1423.N1 | 20-NOV-2009 03:13:04 | Bright | 38.500 | 175 | 39Del Per | 3.0100 | 19400. | 77 | 40381 | No |
| 31 | GOM_NL__2PRFIN20091120_033109_000000462084_00247_40381_1424.N1 | 20-NOV-2009 03:31:09 | Bright | 45.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 91 | 40381 | No |
| 32 | GOM_NL__2PRFIN20091120_033248_000000442084_00247_40381_1425.N1 | 20-NOV-2009 03:32:48 | Bright | 44.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 88 | 40381 | No |
| 33 | GOM_NL__2PRFIN20091120_033413_000000532084_00247_40381_1426.N1 | 20-NOV-2009 03:34:13 | Bright | 52.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 105 | 40381 | No |
| 34 | GOM_NL__2PRFIN20091120_033658_000000672084_00247_40381_1427.N1 | 20-NOV-2009 03:36:58 | Bright | 67.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 134 | 40381 | No |
| 35 | GOM_NL__2PRFIN20091120_033858_000000352084_00247_40381_1428.N1 | 20-NOV-2009 03:38:58 | Bright | 34.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 69 | 40381 | No |
| 36 | GOM_NL__2PRFIN20091120_034718_000000462084_00247_40381_1429.N1 | 20-NOV-2009 03:47:18 | Bright | 45.500 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 91 | 40381 | No |
| 37 | GOM_NL__2PRFIN20091120_035048_000000392084_00247_40381_1430.N1 | 20-NOV-2009 03:50:48 | Bright | 39.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 78 | 40381 | No |
| 38 | GOM_NL__2PRFIN20091120_035559_000000452084_00247_40381_1431.N1 | 20-NOV-2009 03:55:59 | Twilight | 45.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 90 | 40381 | No |
| 39 | GOM_NL__2PRFIN20091120_035732_000000462084_00247_40381_1432.N1 | 20-NOV-2009 03:57:32 | Twilight | 46.000 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 92 | 40381 | No |
| 40 | GOM_NL__2PRFIN20091120_040654_000000412084_00247_40381_1433.N1 | 20-NOV-2009 04:06:54 | Dark | 41.000 | 113 | Mu Vel | 2.6920 | 5000.0 | 82 | 40381 | No |
| 41 | GOM_NL__2PRFIN20091120_041346_000000562084_00248_40382_1423.N1 | 20-NOV-2009 04:13:46 | Dark | 55.500 | 41 | Eps Car | 1.8600 | 4100.0 | 111 | 40382 | No |
| 42 | GOM_NL__2PRFIN20091120_041614_000000502084_00248_40382_1424.N1 | 20-NOV-2009 04:16:14 | Dark | 50.000 | 70 | Zet Pup | 2.2460 | 39000. | 100 | 40382 | No |

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|-----|--|----------------------|---------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20091120_041916_000000502084_00248_40382_1425.N1 | 20-NOV-2009 04:19:16 | Dark | 50.000 | 2 | Alp Car | -0.73600 | 7000.0 | 100 | 40382 | No |
| 44 | GOM_NL__2PRFIN20091120_042556_000000512084_00248_40382_1426.N1 | 20-NOV-2009 04:25:56 | Dark | 50.500 | 108 | Alp Col | 2.6520 | 15200. | 101 | 40382 | No |
| 45 | GOM_NL__2PRFIN20091120_043443_000000512084_00248_40382_1427.N1 | 20-NOV-2009 04:34:43 | Straylight | 50.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 101 | 40382 | No |
| 46 | GOM_NL__2PRFIN20091120_044011_000000462084_00248_40382_1428.N1 | 20-NOV-2009 04:40:11 | Twi_and_stray | 46.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 92 | 40382 | No |
| 47 | GOM_NL__2PRFIN20091120_044647_000000432084_00248_40382_1429.N1 | 20-NOV-2009 04:46:47 | Bright | 42.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 85 | 40382 | No |
| 48 | GOM_NL__2PRFIN20091120_044921_000000432084_00248_40382_1430.N1 | 20-NOV-2009 04:49:21 | Bright | 43.000 | 150 | 44Zet Per | 2.8900 | 28000. | 86 | 40382 | No |
| 49 | GOM_NL__2PRFIN20091120_045105_000000402084_00248_40382_1431.N1 | 20-NOV-2009 04:51:05 | Bright | 39.500 | 79 | 26Bet Per | 2.3100 | 13100. | 79 | 40382 | No |
| 50 | GOM_NL__2PRFIN20091120_045340_000000382084_00248_40382_1432.N1 | 20-NOV-2009 04:53:40 | Bright | 37.500 | 175 | 39Del Per | 3.0100 | 19400. | 75 | 40382 | No |
| 51 | GOM_NL__2PRFIN20091120_051145_000000412084_00248_40382_1433.N1 | 20-NOV-2009 05:11:45 | Bright | 40.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 81 | 40382 | No |
| 52 | GOM_NL__2PRFIN20091120_051324_000000442084_00248_40382_1434.N1 | 20-NOV-2009 05:13:24 | Bright | 44.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 88 | 40382 | No |
| 53 | GOM_NL__2PRFIN20091120_051449_000000422084_00248_40382_1435.N1 | 20-NOV-2009 05:14:49 | Bright | 41.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 83 | 40382 | No |
| 54 | GOM_NL__2PRFIN20091120_051734_000000672084_00248_40382_1436.N1 | 20-NOV-2009 05:17:34 | Bright | 67.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 134 | 40382 | No |
| 55 | GOM_NL__2PRFIN20091120_052755_000000652084_00248_40382_1437.N1 | 20-NOV-2009 05:27:55 | Bright | 65.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 130 | 40382 | No |
| 56 | GOM_NL__2PRFIN20091120_053125_000000392084_00248_40382_1438.N1 | 20-NOV-2009 05:31:25 | Bright | 38.500 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 77 | 40382 | No |
| 57 | GOM_NL__2PRFIN20091120_053636_000000462084_00248_40382_1439.N1 | 20-NOV-2009 05:36:36 | Twi_and_stray | 46.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 92 | 40382 | No |
| 58 | GOM_NL__2PRFIN20091120_053808_000000492084_00248_40382_1440.N1 | 20-NOV-2009 05:38:08 | Twilight | 49.000 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 98 | 40382 | No |
| 59 | GOM_NL__2PRFIN20091120_054730_000000422084_00248_40382_1441.N1 | 20-NOV-2009 05:47:30 | Dark | 42.000 | 113 | Mu Vel | 2.6920 | 5000.0 | 84 | 40382 | No |
| 60 | GOM_NL__2PRFIN20091120_055422_000000472084_00249_40383_1434.N1 | 20-NOV-2009 05:54:22 | Dark | 46.500 | 41 | Eps Car | 1.8600 | 4100.0 | 93 | 40383 | No |
| 61 | GOM_NL__2PRFIN20091120_055651_000000502084_00249_40383_1435.N1 | 20-NOV-2009 05:56:51 | Dark | 50.000 | 70 | Zet Pup | 2.2460 | 39000. | 100 | 40383 | No |
| 62 | GOM_NL__2PRFIN20091120_055953_000000482084_00249_40383_1436.N1 | 20-NOV-2009 05:59:53 | Dark | 48.000 | 2 | Alp Car | -0.73600 | 7000.0 | 96 | 40383 | No |
| 63 | GOM_NL__2PRFIN20091120_060632_000000532084_00249_40383_1437.N1 | 20-NOV-2009 06:06:32 | Dark | 53.000 | 108 | Alp Col | 2.6520 | 15200. | 106 | 40383 | No |
| 64 | GOM_NL__2PRFIN20091120_061519_000000502084_00249_40383_1438.N1 | 20-NOV-2009 06:15:19 | Straylight | 49.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 99 | 40383 | No |
| 65 | GOM_NL__2PRFIN20091120_062047_000000452084_00249_40383_1439.N1 | 20-NOV-2009 06:20:47 | Twi_and_stray | 45.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 90 | 40383 | No |
| 66 | GOM_NL__2PRFIN20091120_062723_000000432084_00249_40383_1440.N1 | 20-NOV-2009 06:27:23 | Bright | 42.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 85 | 40383 | No |
| 67 | GOM_NL__2PRFIN20091120_062957_000000422084_00249_40383_1441.N1 | 20-NOV-2009 06:29:57 | Bright | 42.000 | 150 | 44Zet Per | 2.8900 | 28000. | 84 | 40383 | No |
| 68 | GOM_NL__2PRFIN20091120_063140_000000392084_00249_40383_1442.N1 | 20-NOV-2009 06:31:40 | Bright | 38.500 | 79 | 26Bet Per | 2.3100 | 13100. | 77 | 40383 | No |
| 69 | GOM_NL__2PRFIN20091120_063416_000000382084_00249_40383_1443.N1 | 20-NOV-2009 06:34:16 | Bright | 38.000 | 175 | 39Del Per | 3.0100 | 19400. | 76 | 40383 | No |
| 70 | GOM_NL__2PRFIN20091120_065221_000000402084_00249_40383_1444.N1 | 20-NOV-2009 06:52:21 | Bright | 39.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 79 | 40383 | No |
| 71 | GOM_NL__2PRFIN20091120_065359_000000452084_00249_40383_1445.N1 | 20-NOV-2009 06:53:59 | Bright | 45.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 90 | 40383 | No |
| 72 | GOM_NL__2PRFIN20091120_065525_000000422084_00249_40383_1446.N1 | 20-NOV-2009 06:55:25 | Bright | 42.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 84 | 40383 | No |
| 73 | GOM_NL__2PRFIN20091120_065810_000000592084_00249_40383_1447.N1 | 20-NOV-2009 06:58:10 | Bright | 58.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 117 | 40383 | No |
| 74 | GOM_NL__2PRFIN20091120_070010_000000392084_00249_40383_1448.N1 | 20-NOV-2009 07:00:10 | Bright | 39.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 78 | 40383 | No |
| 75 | GOM_NL__2PRFIN20091120_070831_000000462084_00249_40383_1449.N1 | 20-NOV-2009 07:08:31 | Bright | 46.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 92 | 40383 | No |
| 76 | GOM_NL__2PRFIN20091120_071201_000000382084_00249_40383_1450.N1 | 20-NOV-2009 07:12:01 | Bright | 38.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 76 | 40383 | No |
| 77 | GOM_NL__2PRFIN20091120_071712_000000442084_00249_40383_1451.N1 | 20-NOV-2009 07:17:12 | Twi_and_stray | 43.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 87 | 40383 | No |
| 78 | GOM_NL__2PRFIN20091120_071845_000000462084_00249_40383_1452.N1 | 20-NOV-2009 07:18:45 | Twilight | 45.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 91 | 40383 | No |
| 79 | GOM_NL__2PRFIN20091120_072807_000000452084_00249_40383_1453.N1 | 20-NOV-2009 07:28:07 | Dark | 44.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 89 | 40383 | No |
| 80 | GOM_NL__2PRFIN20091120_073459_000000422084_00250_40384_1445.N1 | 20-NOV-2009 07:34:59 | Dark | 42.000 | 41 | Eps Car | 1.8600 | 4100.0 | 84 | 40384 | No |
| 81 | GOM_NL__2PRFIN20091120_073728_000000492084_00250_40384_1446.N1 | 20-NOV-2009 07:37:28 | Dark | 49.000 | 70 | Zet Pup | 2.2460 | 39000. | 98 | 40384 | No |
| 82 | GOM_NL__2PRFIN20091120_074029_000000452084_00250_40384_1447.N1 | 20-NOV-2009 07:40:29 | Dark | 44.500 | 2 | Alp Car | -0.73600 | 7000.0 | 89 | 40384 | No |
| 83 | GOM_NL__2PRFIN20091120_074709_000000532084_00250_40384_1448.N1 | 20-NOV-2009 07:47:09 | Dark | 53.000 | 108 | Alp Col | 2.6520 | 15200. | 106 | 40384 | No |
| 84 | GOM_NL__2PRFIN20091120_075555_000000502084_00250_40384_1449.N1 | 20-NOV-2009 07:55:55 | Straylight | 50.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 100 | 40384 | No |
| 85 | GOM_NL__2PRFIN20091120_080123_000000462084_00250_40384_1450.N1 | 20-NOV-2009 08:01:23 | Twi_and_stray | 45.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 91 | 40384 | No |
| 86 | GOM_NL__2PRFIN20091120_080759_000000432084_00250_40384_1451.N1 | 20-NOV-2009 08:07:59 | Bright | 42.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 85 | 40384 | No |
| 87 | GOM_NL__2PRFIN20091120_081032_000000422084_00250_40384_1452.N1 | 20-NOV-2009 08:10:32 | Bright | 42.000 | 150 | 44Zet Per | 2.8900 | 28000. | 84 | 40384 | No |
| 88 | GOM_NL__2PRFIN20091120_081216_000000392084_00250_40384_1453.N1 | 20-NOV-2009 08:12:16 | Bright | 39.000 | 79 | 26Bet Per | 2.3100 | 13100. | 78 | 40384 | No |
| 89 | GOM_NL__2PRFIN20091120_081451_000000472084_00250_40384_1454.N1 | 20-NOV-2009 08:14:51 | Bright | 46.500 | 175 | 39Del Per | 3.0100 | 19400. | 93 | 40384 | No |
| 90 | GOM_NL__2PRFIN20091120_083256_000000472084_00250_40384_1455.N1 | 20-NOV-2009 08:32:56 | Bright | 46.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 93 | 40384 | No |
| 91 | GOM_NL__2PRFIN20091120_083435_000000632084_00250_40384_1456.N1 | 20-NOV-2009 08:34:35 | Bright | 63.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 126 | 40384 | No |
| 92 | GOM_NL__2PRFIN20091120_083600_000000402084_00250_40384_1457.N1 | 20-NOV-2009 08:36:00 | Bright | 40.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 80 | 40384 | No |
| 93 | GOM_NL__2PRFIN20091120_083846_000000482084_00250_40384_1458.N1 | 20-NOV-2009 08:38:46 | Bright | 47.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 95 | 40384 | No |
| 94 | GOM_NL__2PRFIN20091120_084046_000000362084_00250_40384_1459.N1 | 20-NOV-2009 08:40:46 | Bright | 36.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 72 | 40384 | No |
| 95 | GOM_NL__2PRFIN20091120_084907_000000462084_00250_40384_1460.N1 | 20-NOV-2009 08:49:07 | Bright | 46.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 92 | 40384 | No |
| 96 | GOM_NL__2PRFIN20091120_085237_000000372084_00250_40384_1461.N1 | 20-NOV-2009 08:52:37 | Bright | 36.500 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 73 | 40384 | No |
| 97 | GOM_NL__2PRFIN20091120_085749_000000442084_00250_40384_1462.N1 | 20-NOV-2009 08:57:49 | Twi_and_stray | 44.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 88 | 40384 | No |
| 98 | GOM_NL__2PRFIN20091120_085921_000000442084_00250_40384_1463.N1 | 20-NOV-2009 08:59:21 | Twilight | 44.000 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 88 | 40384 | No |
| 99 | GOM_NL__2PRFIN20091120_090844_000000492084_00250_40384_1464.N1 | 20-NOV-2009 09:08:44 | Dark | 49.000 | 113 | Mu Vel | 2.6920 | 5000.0 | 98 | 40384 | No |
| 100 | GOM_NL__2PRFIN20091120_091536_000000462084_00251_40385_1476.N1 | 20-NOV-2009 09:15:36 | Dark | 45.500 | 41 | Eps Car | 1.8600 | 4100.0 | 91 | 40385 | No |
| 101 | GOM_NL__2PRFIN20091120_091805_000000492084_00251_40385_1477.N1 | 20-NOV-2009 09:18:05 | Dark | 49.000 | 70 | Zet Pup | 2.2460 | 39000. | 98 | 40385 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20091120_092106_000000602084_00251_40385_1478.N1 | 20-NOV-2009 09:21:06 | Dark | 60.000 | 2 | Alp Car | -0.73600 | 7000.0 | 120 | 40385 | No |
| 103 | GOM_NL__2PRFIN20091120_092745_000000512084_00251_40385_1479.N1 | 20-NOV-2009 09:27:45 | Dark | 50.500 | 108 | Alp Col | 2.6520 | 15200. | 101 | 40385 | No |
| 104 | GOM_NL__2PRFIN20091120_093631_000000492084_00251_40385_1480.N1 | 20-NOV-2009 09:36:31 | Straylight | 49.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 98 | 40385 | No |
| 105 | GOM_NL__2PRFIN20091120_094159_000000442084_00251_40385_1481.N1 | 20-NOV-2009 09:41:59 | Tw_i_and_stray | 44.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 88 | 40385 | No |
| 106 | GOM_NL__2PRFIN20091120_094834_000000432084_00251_40385_1482.N1 | 20-NOV-2009 09:48:34 | Bright | 43.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 86 | 40385 | No |
| 107 | GOM_NL__2PRFIN20091120_095107_000000432084_00251_40385_1483.N1 | 20-NOV-2009 09:51:07 | Bright | 43.000 | 150 | 44Zet Per | 2.8900 | 28000. | 86 | 40385 | No |
| 108 | GOM_NL__2PRFIN20091120_095252_000000382084_00251_40385_1484.N1 | 20-NOV-2009 09:52:52 | Bright | 38.000 | 79 | 26Bet Per | 2.3100 | 13100. | 76 | 40385 | No |
| 109 | GOM_NL__2PRFIN20091120_095527_000000392084_00251_40385_1485.N1 | 20-NOV-2009 09:55:27 | Bright | 39.000 | 175 | 39Del Per | 3.0100 | 19400. | 78 | 40385 | No |
| 110 | GOM_NL__2PRFIN20091120_101332_000000472084_00251_40385_1486.N1 | 20-NOV-2009 10:13:32 | Bright | 46.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 93 | 40385 | No |
| 111 | GOM_NL__2PRFIN20091120_101510_000000432084_00251_40385_1487.N1 | 20-NOV-2009 10:15:10 | Bright | 42.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 85 | 40385 | No |
| 112 | GOM_NL__2PRFIN20091120_101636_000000382084_00251_40385_1488.N1 | 20-NOV-2009 10:16:36 | Bright | 37.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 75 | 40385 | No |
| 113 | GOM_NL__2PRFIN20091120_101921_000000492084_00251_40385_1489.N1 | 20-NOV-2009 10:19:21 | Bright | 48.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 97 | 40385 | No |
| 114 | GOM_NL__2PRFIN20091120_102122_000000362084_00251_40385_1490.N1 | 20-NOV-2009 10:21:22 | Bright | 36.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 72 | 40385 | No |
| 115 | GOM_NL__2PRFIN20091120_102944_000000442084_00251_40385_1491.N1 | 20-NOV-2009 10:29:44 | Bright | 44.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 88 | 40385 | No |
| 116 | GOM_NL__2PRFIN20091120_103313_000000382084_00251_40385_1492.N1 | 20-NOV-2009 10:33:13 | Bright | 38.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 76 | 40385 | No |
| 117 | GOM_NL__2PRFIN20091120_103825_000000462084_00251_40385_1493.N1 | 20-NOV-2009 10:38:25 | Tw_i_and_stray | 46.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 92 | 40385 | No |
| 118 | GOM_NL__2PRFIN20091120_103958_000000472084_00251_40385_1494.N1 | 20-NOV-2009 10:39:58 | Twilight | 46.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 93 | 40385 | No |
| 119 | GOM_NL__2PRFIN20091120_104920_000000502084_00251_40385_1495.N1 | 20-NOV-2009 10:49:20 | Dark | 49.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 99 | 40385 | No |
| 120 | GOM_NL__2PRFIN20091120_105612_000000432084_00252_40386_1485.N1 | 20-NOV-2009 10:56:12 | Dark | 43.000 | 41 | Eps Car | 1.8600 | 4100.0 | 86 | 40386 | No |
| 121 | GOM_NL__2PRFIN20091120_105842_000000492084_00252_40386_1486.N1 | 20-NOV-2009 10:58:42 | Dark | 49.000 | 70 | Zet Pup | 2.2460 | 39000. | 98 | 40386 | No |
| 122 | GOM_NL__2PRFIN20091120_110142_000000522084_00252_40386_1487.N1 | 20-NOV-2009 11:01:42 | Dark | 52.000 | 2 | Alp Car | -0.73600 | 7000.0 | 104 | 40386 | No |
| 123 | GOM_NL__2PRFIN20091120_110822_000000522084_00252_40386_1488.N1 | 20-NOV-2009 11:08:22 | Dark | 51.500 | 108 | Alp Col | 2.6520 | 15200. | 103 | 40386 | No |
| 124 | GOM_NL__2PRFIN20091120_111707_000000492084_00252_40386_1489.N1 | 20-NOV-2009 11:17:07 | Straylight | 49.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 98 | 40386 | No |
| 125 | GOM_NL__2PRFIN20091120_112235_000000462084_00252_40386_1490.N1 | 20-NOV-2009 11:22:35 | Tw_i_and_stray | 45.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 91 | 40386 | No |
| 126 | GOM_NL__2PRFIN20091120_112910_000000422084_00252_40386_1491.N1 | 20-NOV-2009 11:29:10 | Bright | 41.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 83 | 40386 | No |
| 127 | GOM_NL__2PRFIN20091120_113143_000000432084_00252_40386_1492.N1 | 20-NOV-2009 11:31:43 | Bright | 42.500 | 150 | 44Zet Per | 2.8900 | 28000. | 85 | 40386 | No |
| 128 | GOM_NL__2PRFIN20091120_113328_000000392084_00252_40386_1493.N1 | 20-NOV-2009 11:33:28 | Bright | 39.000 | 79 | 26Bet Per | 2.3100 | 13100. | 78 | 40386 | No |
| 129 | GOM_NL__2PRFIN20091120_113603_000000392084_00252_40386_1494.N1 | 20-NOV-2009 11:36:03 | Bright | 38.500 | 175 | 39Del Per | 3.0100 | 19400. | 77 | 40386 | No |
| 130 | GOM_NL__2PRFIN20091120_115408_000000452084_00252_40386_1495.N1 | 20-NOV-2009 11:54:08 | Bright | 44.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 89 | 40386 | No |
| 131 | GOM_NL__2PRFIN20091120_115546_000000412084_00252_40386_1496.N1 | 20-NOV-2009 11:55:46 | Bright | 40.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 81 | 40386 | No |
| 132 | GOM_NL__2PRFIN20091120_115712_000000412084_00252_40386_1497.N1 | 20-NOV-2009 11:57:12 | Bright | 41.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 82 | 40386 | No |
| 133 | GOM_NL__2PRFIN20091120_115957_000000502084_00252_40386_1498.N1 | 20-NOV-2009 11:59:57 | Bright | 49.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 99 | 40386 | No |
| 134 | GOM_NL__2PRFIN20091120_120158_000000352084_00252_40386_1499.N1 | 20-NOV-2009 12:01:58 | Bright | 35.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 70 | 40386 | No |
| 135 | GOM_NL__2PRFIN20091120_121020_000000652084_00252_40386_1500.N1 | 20-NOV-2009 12:10:20 | Bright | 65.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 130 | 40386 | No |
| 136 | GOM_NL__2PRFIN20091120_121349_000000472084_00252_40386_1501.N1 | 20-NOV-2009 12:13:49 | Bright | 46.500 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 93 | 40386 | No |
| 137 | GOM_NL__2PRFIN20091120_121902_000000452084_00252_40386_1502.N1 | 20-NOV-2009 12:19:02 | Tw_i_and_stray | 44.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 89 | 40386 | No |
| 138 | GOM_NL__2PRFIN20091120_122034_000000472084_00252_40386_1503.N1 | 20-NOV-2009 12:20:34 | Twilight | 46.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 93 | 40386 | No |
| 139 | GOM_NL__2PRFIN20091120_122957_000000462084_00252_40386_1504.N1 | 20-NOV-2009 12:29:57 | Dark | 46.000 | 113 | Mu Vel | 2.6920 | 5000.0 | 92 | 40386 | No |
| 140 | GOM_NL__2PRFIN20091120_123648_000000442084_00253_40387_1495.N1 | 20-NOV-2009 12:36:48 | Dark | 43.500 | 41 | Eps Car | 1.8600 | 4100.0 | 87 | 40387 | No |
| 141 | GOM_NL__2PRFIN20091120_123919_000000492084_00253_40387_1496.N1 | 20-NOV-2009 12:39:19 | Dark | 49.000 | 70 | Zet Pup | 2.2460 | 39000. | 98 | 40387 | No |
| 142 | GOM_NL__2PRFIN20091120_124219_000000602084_00253_40387_1497.N1 | 20-NOV-2009 12:42:19 | Dark | 60.000 | 2 | Alp Car | -0.73600 | 7000.0 | 120 | 40387 | No |
| 143 | GOM_NL__2PRFIN20091120_124858_000000552084_00253_40387_1498.N1 | 20-NOV-2009 12:48:58 | Dark | 54.500 | 108 | Alp Col | 2.6520 | 15200. | 109 | 40387 | No |
| 144 | GOM_NL__2PRFIN20091120_125743_000000502084_00253_40387_1499.N1 | 20-NOV-2009 12:57:43 | Straylight | 50.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 100 | 40387 | No |
| 145 | GOM_NL__2PRFIN20091120_130311_000000462084_00253_40387_1500.N1 | 20-NOV-2009 13:03:11 | Tw_i_and_stray | 45.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 91 | 40387 | No |
| 146 | GOM_NL__2PRFIN20091120_130945_000000422084_00253_40387_1501.N1 | 20-NOV-2009 13:09:45 | Bright | 41.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 83 | 40387 | No |
| 147 | GOM_NL__2PRFIN20091120_131218_000000422084_00253_40387_1502.N1 | 20-NOV-2009 13:12:18 | Bright | 42.000 | 150 | 44Zet Per | 2.8900 | 28000. | 84 | 40387 | No |
| 148 | GOM_NL__2PRFIN20091120_131403_000000382084_00253_40387_1503.N1 | 20-NOV-2009 13:14:03 | Bright | 38.000 | 79 | 26Bet Per | 2.3100 | 13100. | 76 | 40387 | No |
| 149 | GOM_NL__2PRFIN20091120_131638_000000372084_00253_40387_1504.N1 | 20-NOV-2009 13:16:38 | Bright | 37.000 | 175 | 39Del Per | 3.0100 | 19400. | 74 | 40387 | No |
| 150 | GOM_NL__2PRFIN20091120_133443_000000442084_00253_40387_1505.N1 | 20-NOV-2009 13:34:43 | Bright | 43.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 87 | 40387 | No |
| 151 | GOM_NL__2PRFIN20091120_133622_000000412084_00253_40387_1506.N1 | 20-NOV-2009 13:36:22 | Bright | 41.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 82 | 40387 | No |
| 152 | GOM_NL__2PRFIN20091120_133748_000000402084_00253_40387_1507.N1 | 20-NOV-2009 13:37:48 | Bright | 40.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 80 | 40387 | No |
| 153 | GOM_NL__2PRFIN20091120_134033_000000482084_00253_40387_1508.N1 | 20-NOV-2009 13:40:33 | Bright | 48.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 96 | 40387 | No |
| 154 | GOM_NL__2PRFIN20091120_134234_000000342084_00253_40387_1509.N1 | 20-NOV-2009 13:42:34 | Bright | 34.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 68 | 40387 | No |
| 155 | GOM_NL__2PRFIN20091120_135056_000000652084_00253_40387_1510.N1 | 20-NOV-2009 13:50:56 | Bright | 65.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 130 | 40387 | No |
| 156 | GOM_NL__2PRFIN20091120_135426_000000422084_00253_40387_1511.N1 | 20-NOV-2009 13:54:26 | Bright | 42.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 84 | 40387 | No |
| 157 | GOM_NL__2PRFIN20091120_135938_000000442084_00253_40387_1512.N1 | 20-NOV-2009 13:59:38 | Tw_i_and_stray | 44.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 88 | 40387 | No |
| 158 | GOM_NL__2PRFIN20091120_140111_000000462084_00253_40387_1513.N1 | 20-NOV-2009 14:01:11 | Twilight | 45.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 91 | 40387 | No |
| 159 | GOM_NL__2PRFIN20091120_141033_000000422084_00253_40387_1514.N1 | 20-NOV-2009 14:10:33 | Dark | 42.000 | 113 | Mu Vel | 2.6920 | 5000.0 | 84 | 40387 | No |
| 160 | GOM_NL__2PRFIN20091120_141725_000000452084_00254_40388_1510.N1 | 20-NOV-2009 14:17:25 | Dark | 45.000 | 41 | Eps Car | 1.8600 | 4100.0 | 90 | 40388 | No |

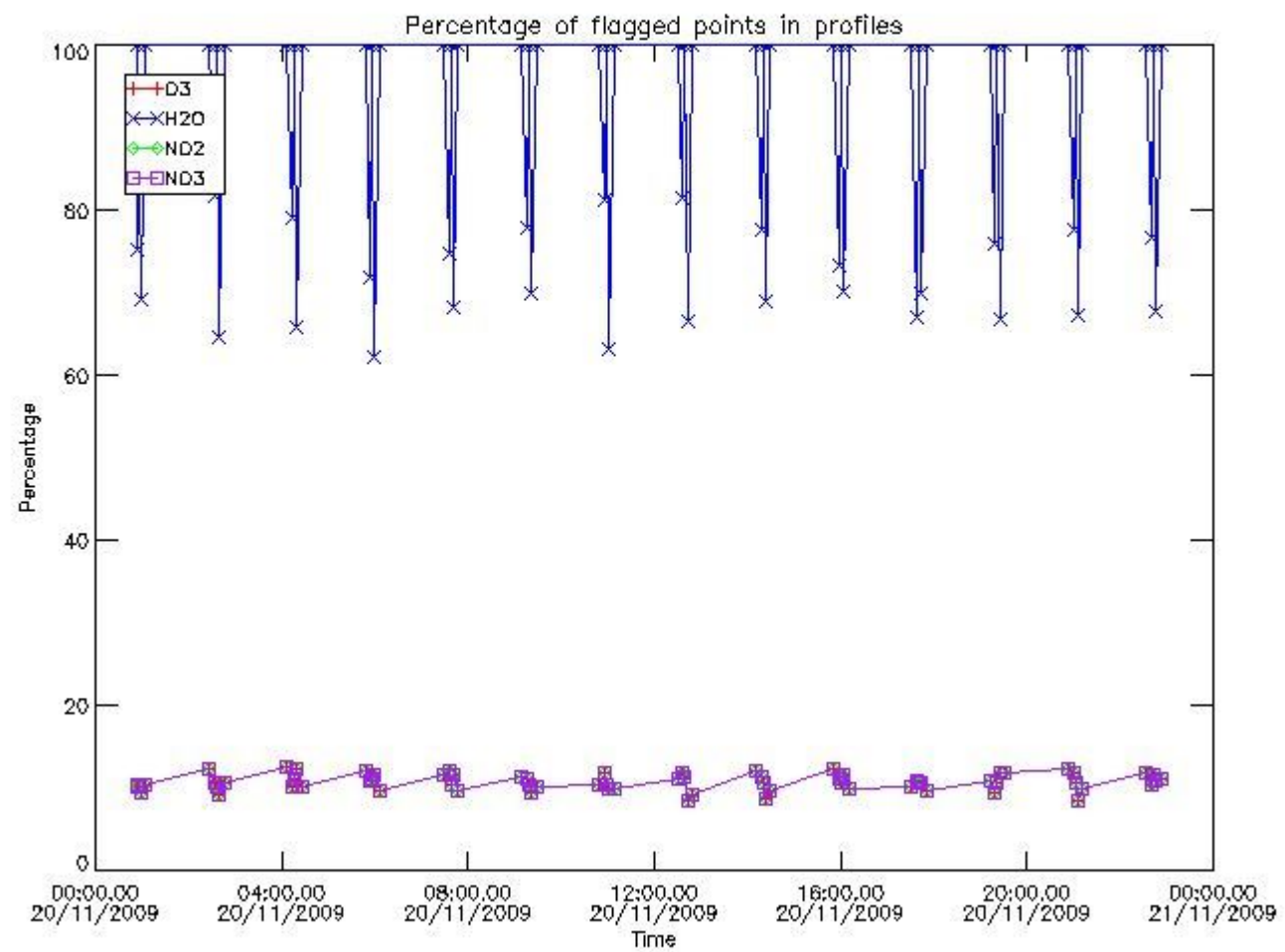
| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20091120_141956_000000482084_00254_40388_1511.N1 | 20-NOV-2009 14:19:56 | Dark | 48.000 | 70 | Zet Pup | 2.2460 | 39000. | 96 | 40388 | No |
| 162 | GOM_NL__2PRFIN20091120_142255_000000592084_00254_40388_1512.N1 | 20-NOV-2009 14:22:55 | Dark | 58.500 | 2 | Alp Car | -0.73600 | 7000.0 | 117 | 40388 | No |
| 163 | GOM_NL__2PRFIN20091120_142935_000000522084_00254_40388_1513.N1 | 20-NOV-2009 14:29:35 | Dark | 52.000 | 108 | Alp Col | 2.6520 | 15200. | 104 | 40388 | No |
| 164 | GOM_NL__2PRFIN20091120_143819_000000482084_00254_40388_1514.N1 | 20-NOV-2009 14:38:19 | Straylight | 48.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 96 | 40388 | No |
| 165 | GOM_NL__2PRFIN20091120_144347_000000462084_00254_40388_1515.N1 | 20-NOV-2009 14:43:47 | Tw_i_and_stray | 45.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 91 | 40388 | No |
| 166 | GOM_NL__2PRFIN20091120_145021_000000422084_00254_40388_1516.N1 | 20-NOV-2009 14:50:21 | Bright | 41.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 83 | 40388 | No |
| 167 | GOM_NL__2PRFIN20091120_145254_000000432084_00254_40388_1517.N1 | 20-NOV-2009 14:52:54 | Bright | 42.500 | 150 | 44Zet Per | 2.8900 | 28000. | 85 | 40388 | No |
| 168 | GOM_NL__2PRFIN20091120_145439_000000372084_00254_40388_1518.N1 | 20-NOV-2009 14:54:39 | Bright | 37.000 | 79 | 26Bet Per | 2.3100 | 13100. | 74 | 40388 | No |
| 169 | GOM_NL__2PRFIN20091120_145714_000000382084_00254_40388_1519.N1 | 20-NOV-2009 14:57:14 | Bright | 38.000 | 175 | 39Del Per | 3.0100 | 19400. | 76 | 40388 | No |
| 170 | GOM_NL__2PRFIN20091120_151519_000000412084_00254_40388_1520.N1 | 20-NOV-2009 15:15:19 | Bright | 40.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 81 | 40388 | No |
| 171 | GOM_NL__2PRFIN20091120_151658_000000412084_00254_40388_1521.N1 | 20-NOV-2009 15:16:58 | Bright | 41.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 82 | 40388 | No |
| 172 | GOM_NL__2PRFIN20091120_151823_000000382084_00254_40388_1522.N1 | 20-NOV-2009 15:18:23 | Bright | 38.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 76 | 40388 | No |
| 173 | GOM_NL__2PRFIN20091120_152109_000000482084_00254_40388_1523.N1 | 20-NOV-2009 15:21:09 | Bright | 48.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 96 | 40388 | No |
| 174 | GOM_NL__2PRFIN20091120_152310_000000542084_00254_40388_1524.N1 | 20-NOV-2009 15:23:10 | Bright | 54.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 108 | 40388 | No |
| 175 | GOM_NL__2PRFIN20091120_153133_000000652084_00254_40388_1525.N1 | 20-NOV-2009 15:31:33 | Bright | 65.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 130 | 40388 | No |
| 176 | GOM_NL__2PRFIN20091120_153502_000000552084_00254_40388_1526.N1 | 20-NOV-2009 15:35:02 | Bright | 55.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 110 | 40388 | No |
| 177 | GOM_NL__2PRFIN20091120_154015_000000452084_00254_40388_1527.N1 | 20-NOV-2009 15:40:15 | Tw_i_and_stray | 44.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 89 | 40388 | No |
| 178 | GOM_NL__2PRFIN20091120_154147_000000492084_00254_40388_1528.N1 | 20-NOV-2009 15:41:47 | Twilight | 49.000 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 98 | 40388 | No |
| 179 | GOM_NL__2PRFIN20091120_155110_000000422084_00254_40388_1529.N1 | 20-NOV-2009 15:51:10 | Dark | 41.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 83 | 40388 | No |
| 180 | GOM_NL__2PRFIN20091120_155802_000000462084_00255_40389_1519.N1 | 20-NOV-2009 15:58:02 | Dark | 45.500 | 41 | Eps Car | 1.8600 | 4100.0 | 91 | 40389 | No |
| 181 | GOM_NL__2PRFIN20091120_160033_000000482084_00255_40389_1520.N1 | 20-NOV-2009 16:00:33 | Dark | 48.000 | 70 | Zet Pup | 2.2460 | 39000. | 96 | 40389 | No |
| 182 | GOM_NL__2PRFIN20091120_160332_000000442084_00255_40389_1521.N1 | 20-NOV-2009 16:03:32 | Dark | 44.000 | 2 | Alp Car | -0.73600 | 7000.0 | 88 | 40389 | No |
| 183 | GOM_NL__2PRFIN20091120_161011_000000512084_00255_40389_1522.N1 | 20-NOV-2009 16:10:11 | Dark | 51.000 | 108 | Alp Col | 2.6520 | 15200. | 102 | 40389 | No |
| 184 | GOM_NL__2PRFIN20091120_161854_000000482084_00255_40389_1523.N1 | 20-NOV-2009 16:18:54 | Straylight | 47.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 95 | 40389 | No |
| 185 | GOM_NL__2PRFIN20091120_162422_000000472084_00255_40389_1524.N1 | 20-NOV-2009 16:24:22 | Tw_i_and_stray | 46.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 93 | 40389 | No |
| 186 | GOM_NL__2PRFIN20091120_163056_000000422084_00255_40389_1525.N1 | 20-NOV-2009 16:30:56 | Bright | 41.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 83 | 40389 | No |
| 187 | GOM_NL__2PRFIN20091120_163329_000000412084_00255_40389_1526.N1 | 20-NOV-2009 16:33:29 | Bright | 41.000 | 150 | 44Zet Per | 2.8900 | 28000. | 82 | 40389 | No |
| 188 | GOM_NL__2PRFIN20091120_163514_000000382084_00255_40389_1527.N1 | 20-NOV-2009 16:35:14 | Bright | 38.000 | 79 | 26Bet Per | 2.3100 | 13100. | 76 | 40389 | No |
| 189 | GOM_NL__2PRFIN20091120_163749_000000392084_00255_40389_1528.N1 | 20-NOV-2009 16:37:49 | Bright | 38.500 | 175 | 39Del Per | 3.0100 | 19400. | 77 | 40389 | No |
| 190 | GOM_NL__2PRFIN20091120_165555_000000402084_00255_40389_1529.N1 | 20-NOV-2009 16:55:55 | Bright | 39.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 79 | 40389 | No |
| 191 | GOM_NL__2PRFIN20091120_165733_000000412084_00255_40389_1530.N1 | 20-NOV-2009 16:57:33 | Bright | 40.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 81 | 40389 | No |
| 192 | GOM_NL__2PRFIN20091120_165859_000000392084_00255_40389_1531.N1 | 20-NOV-2009 16:58:59 | Bright | 39.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 78 | 40389 | No |
| 193 | GOM_NL__2PRFIN20091120_170145_000000502084_00255_40389_1532.N1 | 20-NOV-2009 17:01:45 | Bright | 49.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 99 | 40389 | No |
| 194 | GOM_NL__2PRFIN20091120_170346_000000352084_00255_40389_1533.N1 | 20-NOV-2009 17:03:46 | Bright | 34.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 69 | 40389 | No |
| 195 | GOM_NL__2PRFIN20091120_171209_000000652084_00255_40389_1534.N1 | 20-NOV-2009 17:12:09 | Bright | 65.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 130 | 40389 | No |
| 196 | GOM_NL__2PRFIN20091120_171539_000000552084_00255_40389_1535.N1 | 20-NOV-2009 17:15:39 | Bright | 55.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 110 | 40389 | No |
| 197 | GOM_NL__2PRFIN20091120_172051_000000432084_00255_40389_1536.N1 | 20-NOV-2009 17:20:51 | Tw_i_and_stray | 42.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 85 | 40389 | No |
| 198 | GOM_NL__2PRFIN20091120_172224_000000422084_00255_40389_1537.N1 | 20-NOV-2009 17:22:24 | Twilight | 41.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 83 | 40389 | No |
| 199 | GOM_NL__2PRFIN20091120_173146_000000512084_00255_40389_1538.N1 | 20-NOV-2009 17:31:46 | Dark | 50.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 101 | 40389 | No |
| 200 | GOM_NL__2PRFIN20091120_173838_000000482084_00256_40390_1528.N1 | 20-NOV-2009 17:38:38 | Dark | 47.500 | 41 | Eps Car | 1.8600 | 4100.0 | 95 | 40390 | No |
| 201 | GOM_NL__2PRFIN20091120_174111_000000482084_00256_40390_1529.N1 | 20-NOV-2009 17:41:11 | Dark | 48.000 | 70 | Zet Pup | 2.2460 | 39000. | 96 | 40390 | No |
| 202 | GOM_NL__2PRFIN20091120_174408_000000482084_00256_40390_1530.N1 | 20-NOV-2009 17:44:08 | Dark | 48.000 | 2 | Alp Car | -0.73600 | 7000.0 | 96 | 40390 | No |
| 203 | GOM_NL__2PRFIN20091120_175048_000000532084_00256_40390_1531.N1 | 20-NOV-2009 17:50:48 | Dark | 53.000 | 108 | Alp Col | 2.6520 | 15200. | 106 | 40390 | No |
| 204 | GOM_NL__2PRFIN20091120_175931_000000502084_00256_40390_1532.N1 | 20-NOV-2009 17:59:31 | Straylight | 49.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 99 | 40390 | No |
| 205 | GOM_NL__2PRFIN20091120_180458_000000472084_00256_40390_1533.N1 | 20-NOV-2009 18:04:58 | Tw_i_and_stray | 46.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 93 | 40390 | No |
| 206 | GOM_NL__2PRFIN20091120_181132_000000412084_00256_40390_1534.N1 | 20-NOV-2009 18:11:32 | Bright | 41.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 82 | 40390 | No |
| 207 | GOM_NL__2PRFIN20091120_181405_000000422084_00256_40390_1535.N1 | 20-NOV-2009 18:14:05 | Bright | 42.000 | 150 | 44Zet Per | 2.8900 | 28000. | 84 | 40390 | No |
| 208 | GOM_NL__2PRFIN20091120_181550_000000382084_00256_40390_1536.N1 | 20-NOV-2009 18:15:50 | Bright | 38.000 | 79 | 26Bet Per | 2.3100 | 13100. | 76 | 40390 | No |
| 209 | GOM_NL__2PRFIN20091120_181825_000000392084_00256_40390_1537.N1 | 20-NOV-2009 18:18:25 | Bright | 38.500 | 175 | 39Del Per | 3.0100 | 19400. | 77 | 40390 | No |
| 210 | GOM_NL__2PRFIN20091120_183631_000000452084_00256_40390_1538.N1 | 20-NOV-2009 18:36:31 | Bright | 44.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 89 | 40390 | No |
| 211 | GOM_NL__2PRFIN20091120_183809_000000442084_00256_40390_1539.N1 | 20-NOV-2009 18:38:09 | Bright | 43.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 87 | 40390 | No |
| 212 | GOM_NL__2PRFIN20091120_183935_000000442084_00256_40390_1540.N1 | 20-NOV-2009 18:39:35 | Bright | 44.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 88 | 40390 | No |
| 213 | GOM_NL__2PRFIN20091120_184220_000000672084_00256_40390_1541.N1 | 20-NOV-2009 18:42:20 | Bright | 67.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 134 | 40390 | No |
| 214 | GOM_NL__2PRFIN20091120_184422_000000502084_00256_40390_1542.N1 | 20-NOV-2009 18:44:22 | Bright | 49.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 99 | 40390 | No |
| 215 | GOM_NL__2PRFIN20091120_185246_000000452084_00256_40390_1543.N1 | 20-NOV-2009 18:52:46 | Bright | 45.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 90 | 40390 | No |
| 216 | GOM_NL__2PRFIN20091120_185615_000000552084_00256_40390_1544.N1 | 20-NOV-2009 18:56:15 | Bright | 55.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 110 | 40390 | No |
| 217 | GOM_NL__2PRFIN20091120_190127_000000452084_00256_40390_1545.N1 | 20-NOV-2009 19:01:27 | Tw_i_and_stray | 44.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 89 | 40390 | No |
| 218 | GOM_NL__2PRFIN20091120_190300_000000472084_00256_40390_1546.N1 | 20-NOV-2009 19:03:00 | Twilight | 46.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 93 | 40390 | No |
| 219 | GOM_NL__2PRFIN20091120_191223_000000482084_00256_40390_1547.N1 | 20-NOV-2009 19:12:23 | Dark | 47.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 95 | 40390 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20091120_191915_000000552084_00257_40391_1537.N1 | 20-NOV-2009 19:19:15 | Dark | 54.500 | 41 | Eps Car | 1.8600 | 4100.0 | 109 | 40391 | No |
| 221 | GOM_NL__2PRFIN20091120_192148_000000482084_00257_40391_1538.N1 | 20-NOV-2009 19:21:48 | Dark | 48.000 | 70 | Zet Pup | 2.2460 | 39000. | 96 | 40391 | No |
| 222 | GOM_NL__2PRFIN20091120_192445_000000472084_00257_40391_1539.N1 | 20-NOV-2009 19:24:45 | Dark | 46.500 | 2 | Alp Car | -0.73600 | 7000.0 | 93 | 40391 | No |
| 223 | GOM_NL__2PRFIN20091120_193124_000000522084_00257_40391_1540.N1 | 20-NOV-2009 19:31:24 | Dark | 51.500 | 108 | Alp Col | 2.6520 | 15200. | 103 | 40391 | No |
| 224 | GOM_NL__2PRFIN20091120_194007_000000482084_00257_40391_1541.N1 | 20-NOV-2009 19:40:07 | Straylight | 48.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 96 | 40391 | No |
| 225 | GOM_NL__2PRFIN20091120_194534_000000502084_00257_40391_1542.N1 | 20-NOV-2009 19:45:34 | Tw_i_and_stray | 49.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 99 | 40391 | No |
| 226 | GOM_NL__2PRFIN20091120_195207_000000422084_00257_40391_1543.N1 | 20-NOV-2009 19:52:07 | Bright | 41.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 83 | 40391 | No |
| 227 | GOM_NL__2PRFIN20091120_195440_000000412084_00257_40391_1544.N1 | 20-NOV-2009 19:54:40 | Bright | 40.500 | 150 | 44Zet Per | 2.8900 | 28000. | 81 | 40391 | No |
| 228 | GOM_NL__2PRFIN20091120_195626_000000392084_00257_40391_1545.N1 | 20-NOV-2009 19:56:26 | Bright | 39.000 | 79 | 26Bet Per | 2.3100 | 13100. | 78 | 40391 | No |
| 229 | GOM_NL__2PRFIN20091120_195900_000000392084_00257_40391_1546.N1 | 20-NOV-2009 19:59:00 | Bright | 38.500 | 175 | 39Del Per | 3.0100 | 19400. | 77 | 40391 | No |
| 230 | GOM_NL__2PRFIN20091120_201706_000000472084_00257_40391_1547.N1 | 20-NOV-2009 20:17:06 | Bright | 47.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 94 | 40391 | No |
| 231 | GOM_NL__2PRFIN20091120_201845_000000472084_00257_40391_1548.N1 | 20-NOV-2009 20:18:45 | Bright | 46.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 93 | 40391 | No |
| 232 | GOM_NL__2PRFIN20091120_202011_000000402084_00257_40391_1549.N1 | 20-NOV-2009 20:20:11 | Bright | 39.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 79 | 40391 | No |
| 233 | GOM_NL__2PRFIN20091120_202256_000000442084_00257_40391_1550.N1 | 20-NOV-2009 20:22:56 | Bright | 43.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 87 | 40391 | No |
| 234 | GOM_NL__2PRFIN20091120_202458_000000352084_00257_40391_1551.N1 | 20-NOV-2009 20:24:58 | Bright | 34.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 69 | 40391 | No |
| 235 | GOM_NL__2PRFIN20091120_203322_000000472084_00257_40391_1552.N1 | 20-NOV-2009 20:33:22 | Bright | 46.500 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 93 | 40391 | No |
| 236 | GOM_NL__2PRFIN20091120_203651_000000392084_00257_40391_1553.N1 | 20-NOV-2009 20:36:51 | Bright | 38.500 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 77 | 40391 | No |
| 237 | GOM_NL__2PRFIN20091120_204204_000000432084_00257_40391_1554.N1 | 20-NOV-2009 20:42:04 | Tw_i_and_stray | 43.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 86 | 40391 | No |
| 238 | GOM_NL__2PRFIN20091120_204337_000000472084_00257_40391_1555.N1 | 20-NOV-2009 20:43:37 | Twilight | 46.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 93 | 40391 | No |
| 239 | GOM_NL__2PRFIN20091120_205300_000000422084_00257_40391_1556.N1 | 20-NOV-2009 20:53:00 | Dark | 41.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 83 | 40391 | No |
| 240 | GOM_NL__2PRFIN20091120_205951_000000432084_00258_40392_1546.N1 | 20-NOV-2009 20:59:51 | Dark | 43.000 | 41 | Eps Car | 1.8600 | 4100.0 | 86 | 40392 | No |
| 241 | GOM_NL__2PRFIN20091120_210225_000000482084_00258_40392_1547.N1 | 20-NOV-2009 21:02:25 | Dark | 48.000 | 70 | Zet Pup | 2.2460 | 39000. | 96 | 40392 | No |
| 242 | GOM_NL__2PRFIN20091120_210521_000000602084_00258_40392_1548.N1 | 20-NOV-2009 21:05:21 | Dark | 59.500 | 2 | Alp Car | -0.73600 | 7000.0 | 119 | 40392 | No |
| 243 | GOM_NL__2PRFIN20091120_211201_000000522084_00258_40392_1549.N1 | 20-NOV-2009 21:12:01 | Dark | 52.000 | 108 | Alp Col | 2.6520 | 15200. | 104 | 40392 | No |
| 244 | GOM_NL__2PRFIN20091120_212043_000000482084_00258_40392_1550.N1 | 20-NOV-2009 21:20:43 | Straylight | 48.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 96 | 40392 | No |
| 245 | GOM_NL__2PRFIN20091120_212610_000000462084_00258_40392_1551.N1 | 20-NOV-2009 21:26:10 | Tw_i_and_stray | 46.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 92 | 40392 | No |
| 246 | GOM_NL__2PRFIN20091120_213243_000000402084_00258_40392_1552.N1 | 20-NOV-2009 21:32:43 | Bright | 39.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 79 | 40392 | No |
| 247 | GOM_NL__2PRFIN20091120_213516_000000432084_00258_40392_1553.N1 | 20-NOV-2009 21:35:16 | Bright | 42.500 | 150 | 44Zet Per | 2.8900 | 28000. | 85 | 40392 | No |
| 248 | GOM_NL__2PRFIN20091120_213702_000000402084_00258_40392_1554.N1 | 20-NOV-2009 21:37:02 | Bright | 39.500 | 79 | 26Bet Per | 2.3100 | 13100. | 79 | 40392 | No |
| 249 | GOM_NL__2PRFIN20091120_213936_000000382084_00258_40392_1555.N1 | 20-NOV-2009 21:39:36 | Bright | 38.000 | 175 | 39Del Per | 3.0100 | 19400. | 76 | 40392 | No |
| 250 | GOM_NL__2PRFIN20091120_215742_000000452084_00258_40392_1556.N1 | 20-NOV-2009 21:57:42 | Bright | 44.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 89 | 40392 | No |
| 251 | GOM_NL__2PRFIN20091120_215920_000000482084_00258_40392_1557.N1 | 20-NOV-2009 21:59:20 | Bright | 48.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 96 | 40392 | No |
| 252 | GOM_NL__2PRFIN20091120_220047_000000382084_00258_40392_1558.N1 | 20-NOV-2009 22:00:47 | Bright | 38.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 76 | 40392 | No |
| 253 | GOM_NL__2PRFIN20091120_220332_000000482084_00258_40392_1559.N1 | 20-NOV-2009 22:03:32 | Bright | 48.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 96 | 40392 | No |
| 254 | GOM_NL__2PRFIN20091120_220534_000000442084_00258_40392_1560.N1 | 20-NOV-2009 22:05:34 | Bright | 43.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 87 | 40392 | No |
| 255 | GOM_NL__2PRFIN20091120_221358_000000562084_00258_40392_1561.N1 | 20-NOV-2009 22:13:58 | Bright | 56.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 112 | 40392 | No |
| 256 | GOM_NL__2PRFIN20091120_221728_000000552084_00258_40392_1562.N1 | 20-NOV-2009 22:17:28 | Bright | 54.500 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 109 | 40392 | No |
| 257 | GOM_NL__2PRFIN20091120_222240_000000432084_00258_40392_1563.N1 | 20-NOV-2009 22:22:40 | Tw_i_and_stray | 43.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 86 | 40392 | No |
| 258 | GOM_NL__2PRFIN20091120_222413_000000462084_00258_40392_1564.N1 | 20-NOV-2009 22:24:13 | Twilight | 45.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 91 | 40392 | No |
| 259 | GOM_NL__2PRFIN20091120_223336_000000442084_00258_40392_1565.N1 | 20-NOV-2009 22:33:36 | Dark | 43.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 87 | 40392 | No |
| 260 | GOM_NL__2PRFIN20091120_224028_000000502084_00259_40393_1555.N1 | 20-NOV-2009 22:40:28 | Dark | 49.500 | 41 | Eps Car | 1.8600 | 4100.0 | 99 | 40393 | No |
| 261 | GOM_NL__2PRFIN20091120_224302_000000482084_00259_40393_1556.N1 | 20-NOV-2009 22:43:02 | Dark | 48.000 | 70 | Zet Pup | 2.2460 | 39000. | 96 | 40393 | No |
| 262 | GOM_NL__2PRFIN20091120_224558_000000472084_00259_40393_1557.N1 | 20-NOV-2009 22:45:58 | Dark | 47.000 | 2 | Alp Car | -0.73600 | 7000.0 | 94 | 40393 | No |
| 263 | GOM_NL__2PRFIN20091120_225237_000000512084_00259_40393_1558.N1 | 20-NOV-2009 22:52:37 | Dark | 51.000 | 108 | Alp Col | 2.6520 | 15200. | 102 | 40393 | No |
| 264 | GOM_NL__2PRFIN20091120_230118_000000512084_00259_40393_1559.N1 | 20-NOV-2009 23:01:18 | Straylight | 50.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 101 | 40393 | No |
| 265 | GOM_NL__2PRFIN20091120_230646_000000472084_00259_40393_1560.N1 | 20-NOV-2009 23:06:46 | Tw_i_and_stray | 47.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 94 | 40393 | No |
| 266 | GOM_NL__2PRFIN20091120_231318_000000412084_00259_40393_1561.N1 | 20-NOV-2009 23:13:18 | Bright | 40.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 81 | 40393 | No |
| 267 | GOM_NL__2PRFIN20091120_231551_000000412084_00259_40393_1562.N1 | 20-NOV-2009 23:15:51 | Bright | 41.000 | 150 | 44Zet Per | 2.8900 | 28000. | 82 | 40393 | No |
| 268 | GOM_NL__2PRFIN20091120_231737_000000372084_00259_40393_1563.N1 | 20-NOV-2009 23:17:37 | Bright | 36.500 | 79 | 26Bet Per | 2.3100 | 13100. | 73 | 40393 | No |
| 269 | GOM_NL__2PRFIN20091120_232011_000000392084_00259_40393_1564.N1 | 20-NOV-2009 23:20:11 | Bright | 38.500 | 175 | 39Del Per | 3.0100 | 19400. | 77 | 40393 | No |
| 270 | GOM_NL__2PRFIN20091120_233817_000000392084_00259_40393_1565.N1 | 20-NOV-2009 23:38:17 | Bright | 39.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 78 | 40393 | No |
| 271 | GOM_NL__2PRFIN20091120_233956_000000432084_00259_40393_1566.N1 | 20-NOV-2009 23:39:56 | Bright | 42.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 85 | 40393 | No |
| 272 | GOM_NL__2PRFIN20091120_234122_000000582084_00259_40393_1567.N1 | 20-NOV-2009 23:41:22 | Bright | 58.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 116 | 40393 | No |
| 273 | GOM_NL__2PRFIN20091120_234408_000000462084_00259_40393_1568.N1 | 20-NOV-2009 23:44:08 | Bright | 46.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 92 | 40393 | No |
| 274 | GOM_NL__2PRFIN20091120_234610_000000372084_00259_40393_1569.N1 | 20-NOV-2009 23:46:10 | Bright | 37.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 74 | 40393 | No |
| 275 | GOM_NL__2PRFIN20091120_235435_000000482084_00259_40393_1570.N1 | 20-NOV-2009 23:54:35 | Bright | 48.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 96 | 40393 | No |
| 276 | GOM_NL__2PRFIN20091120_235804_000000382084_00259_40393_1571.N1 | 20-NOV-2009 23:58:04 | Bright | 38.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 76 | 40393 | No |

3. Quality information per product

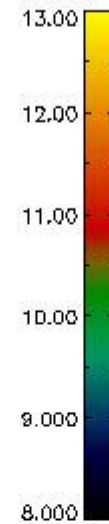
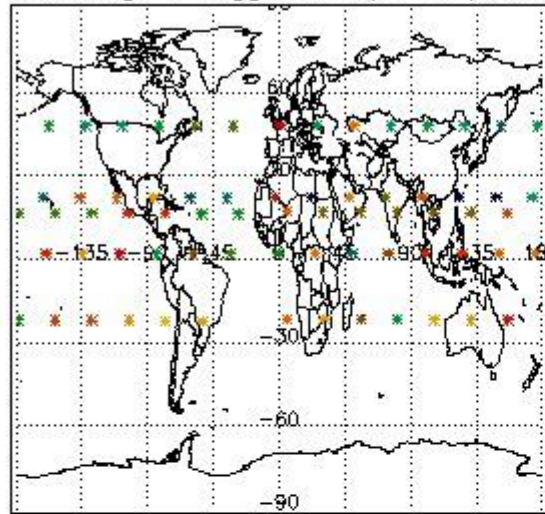
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

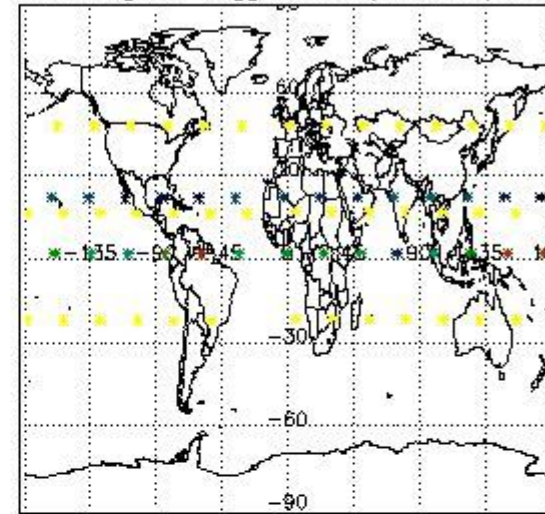


3.2 Plot quality information per product (world map)

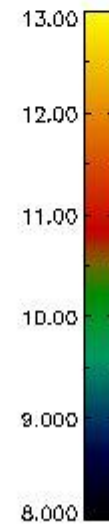
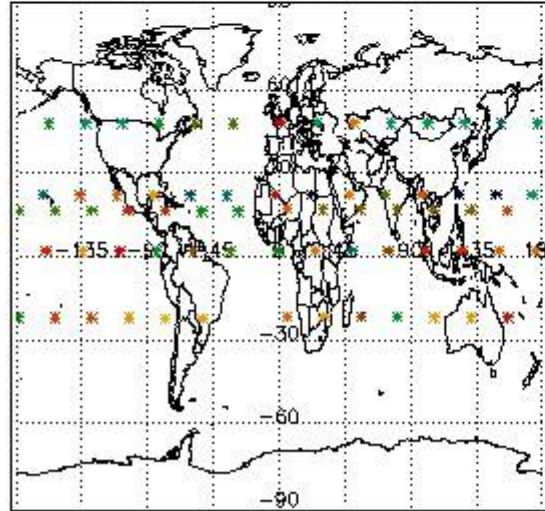
Percentage of flagged data per O3 profile



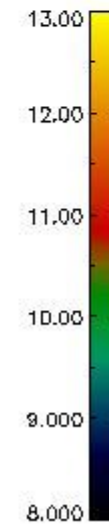
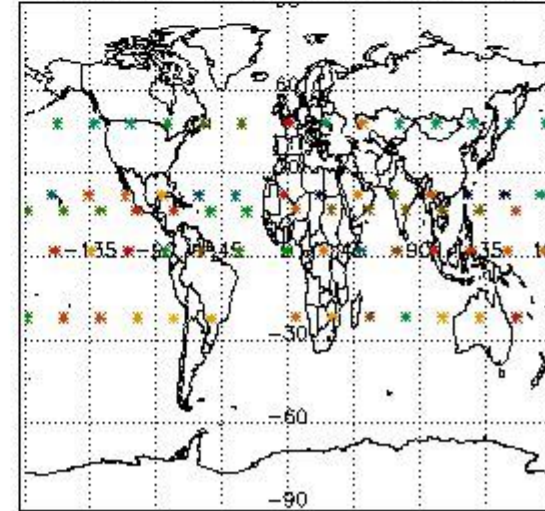
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

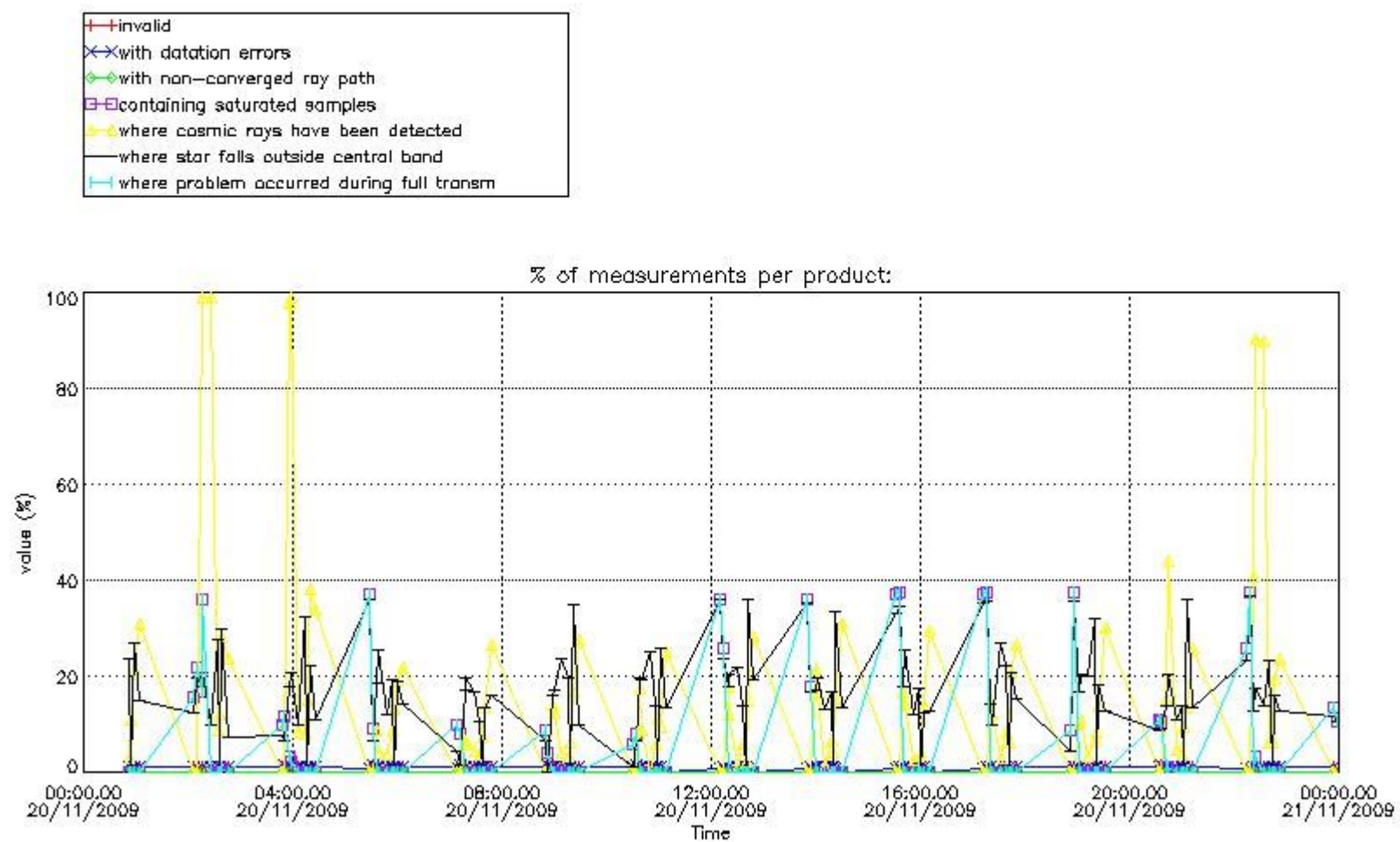


4. Level 1 quality information per product

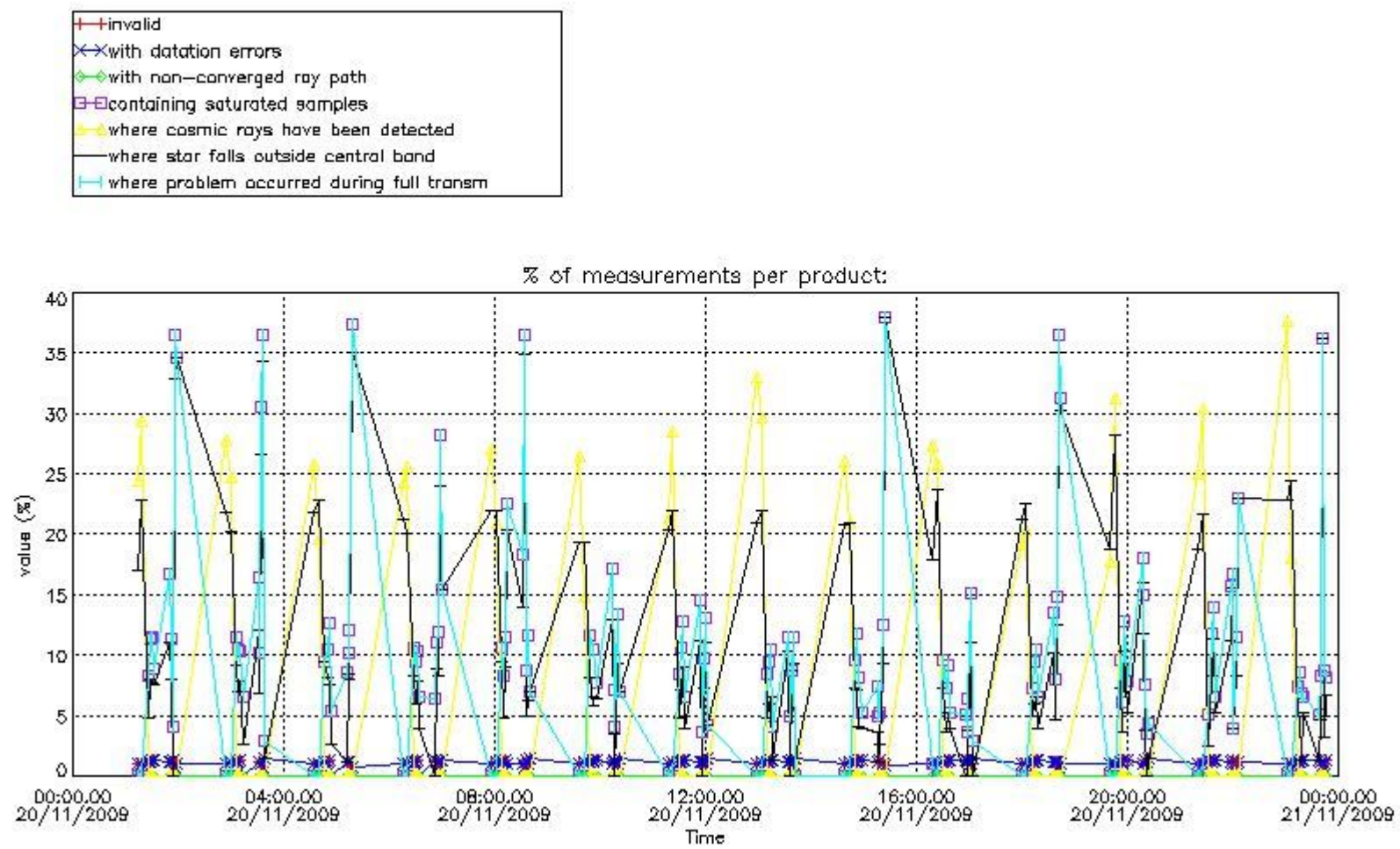
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



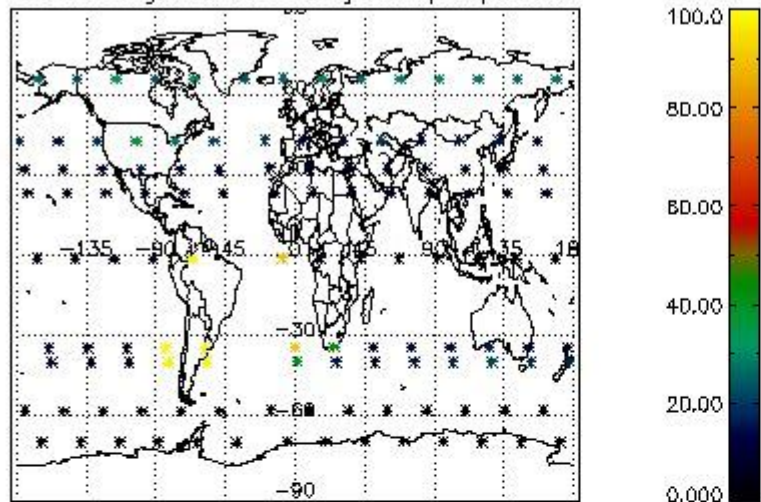
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



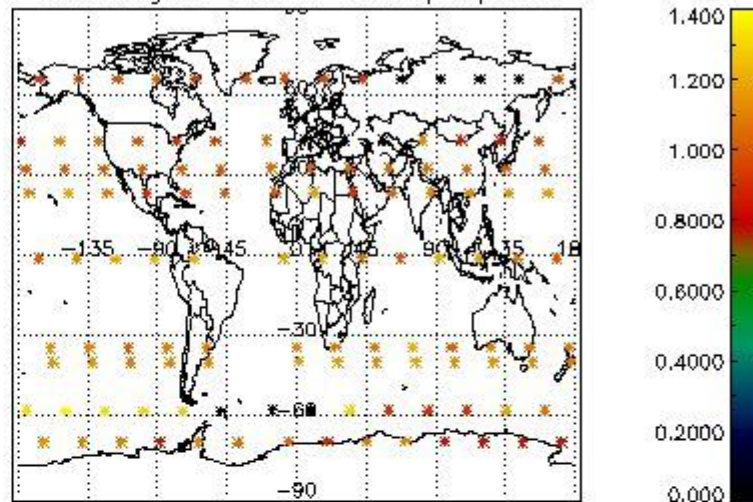
4.2 Plot quality information per product coming from level 1b processing (world map)

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

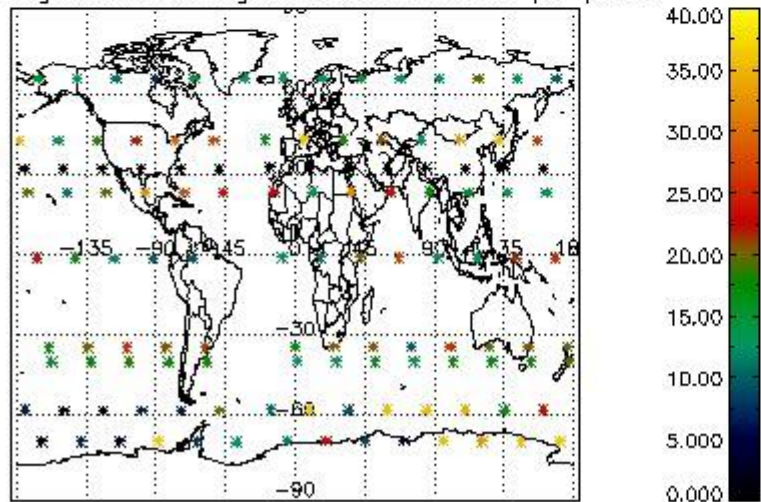
Percentage of cosmic ray hits per profile



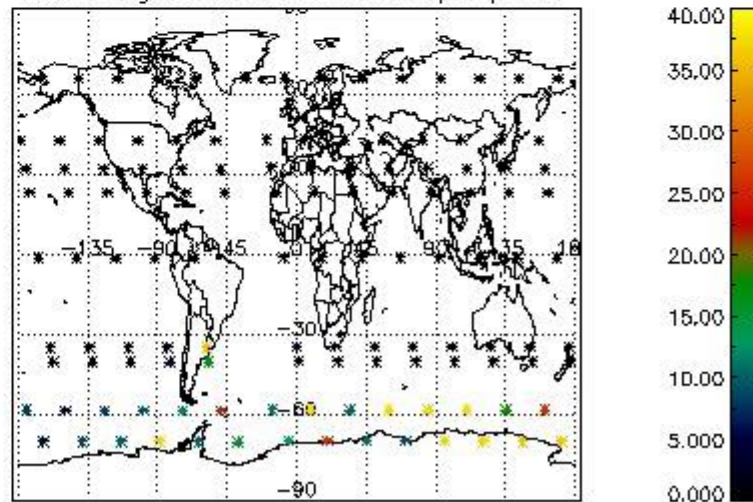
Percentage of datation errors per profile



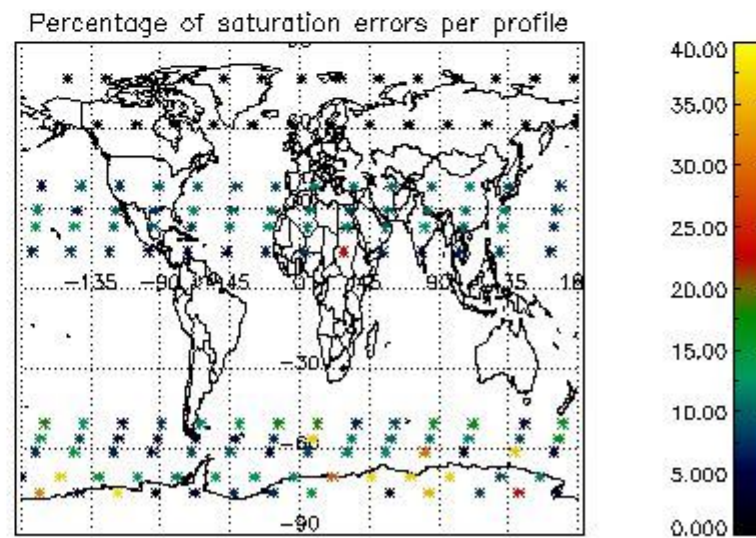
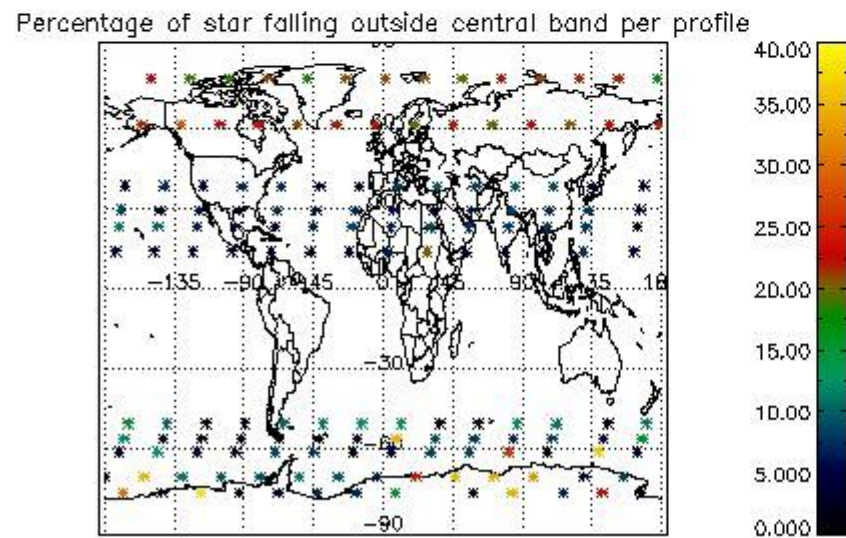
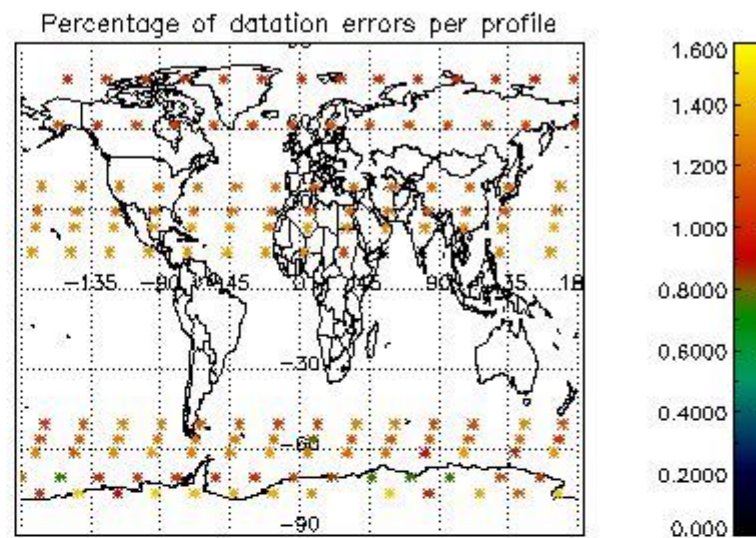
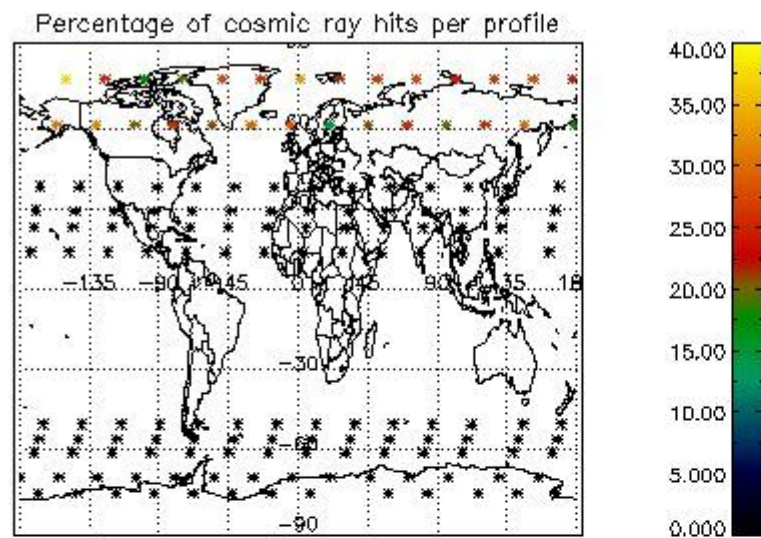
Percentage of star falling outside central band per profile



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

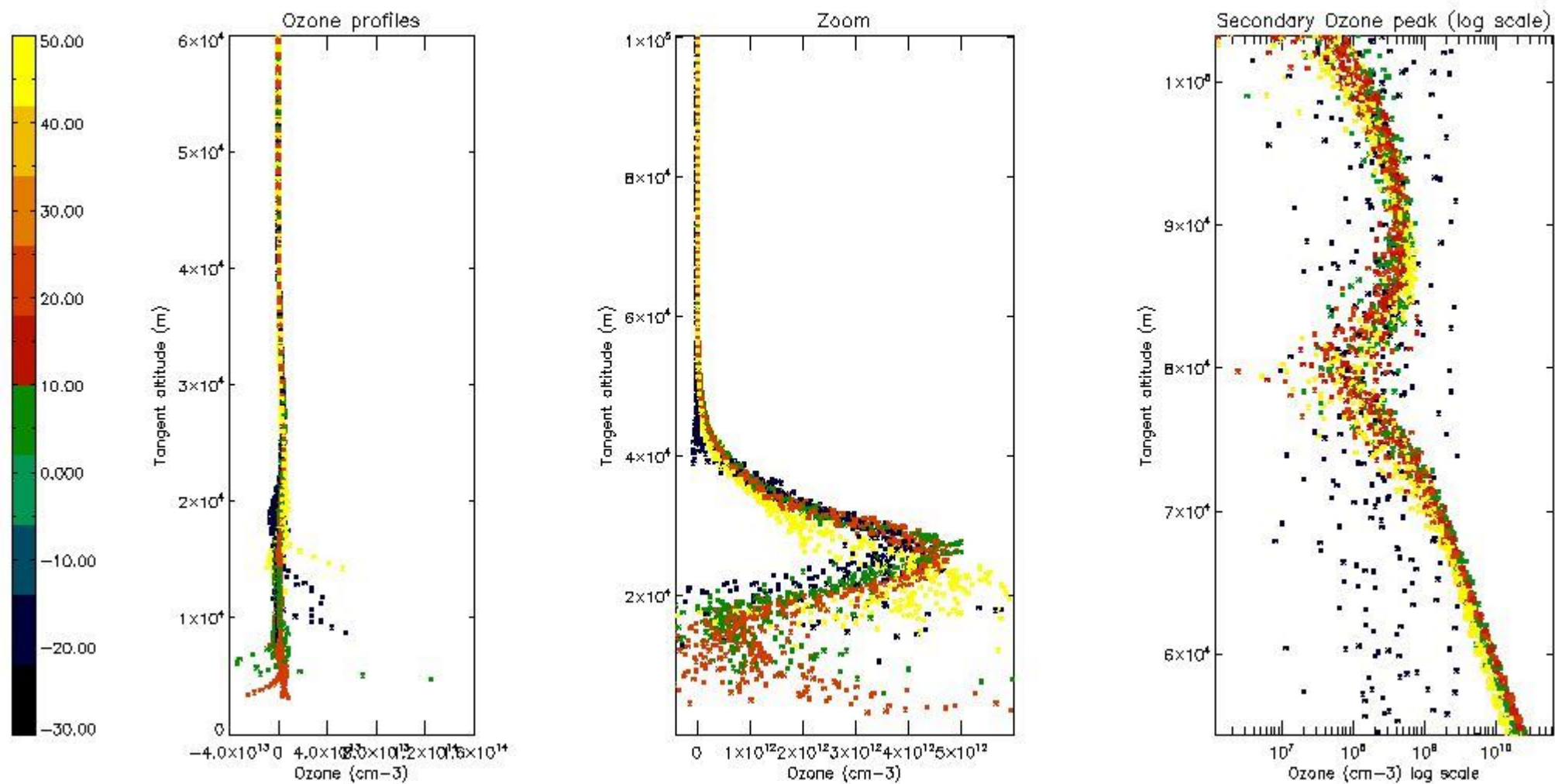
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 28 |
| STD < 20 | 15 |

| | |
|----------|----|
| STD < 10 | 12 |
| STD < 5 | 7 |

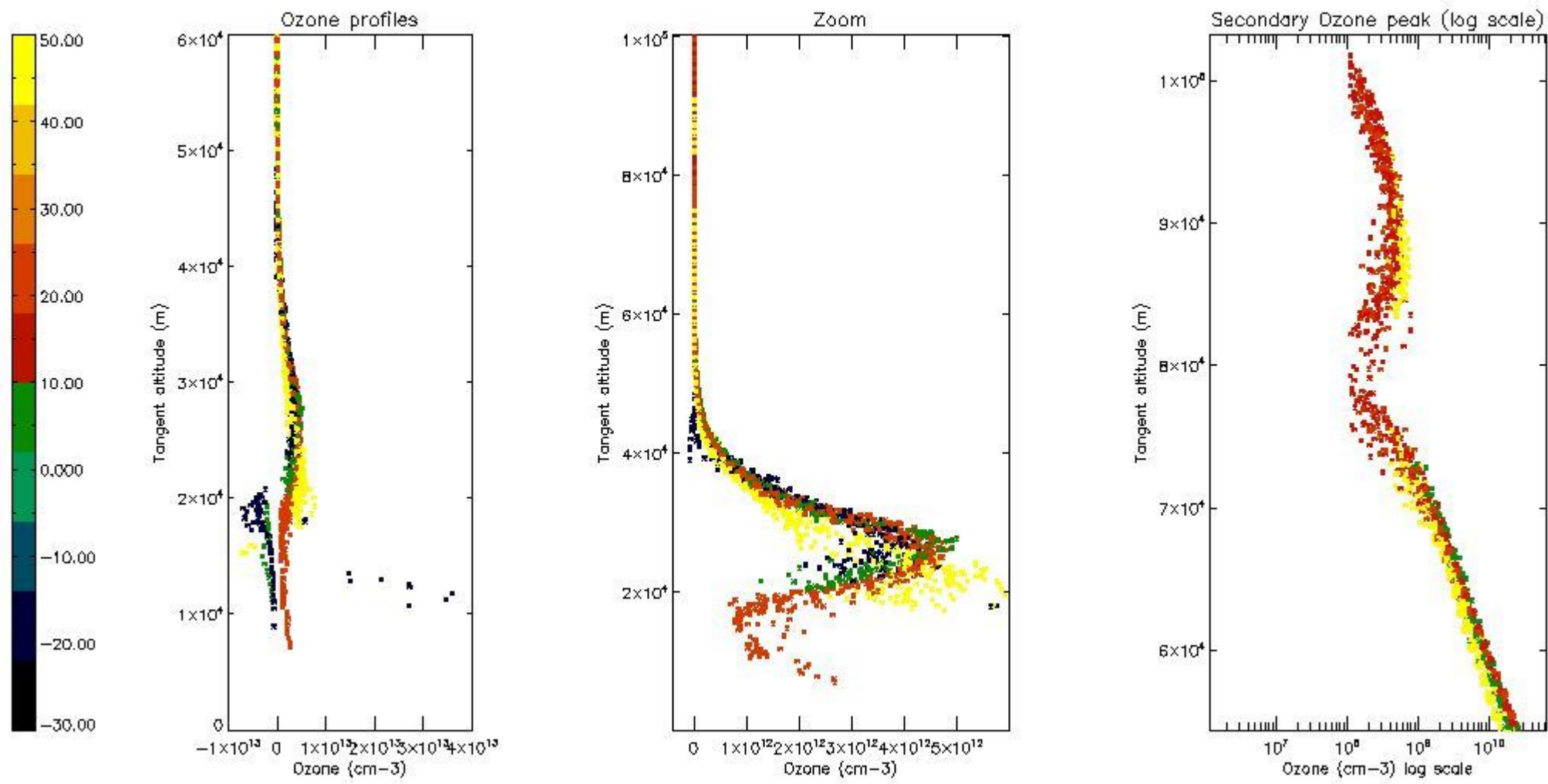
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



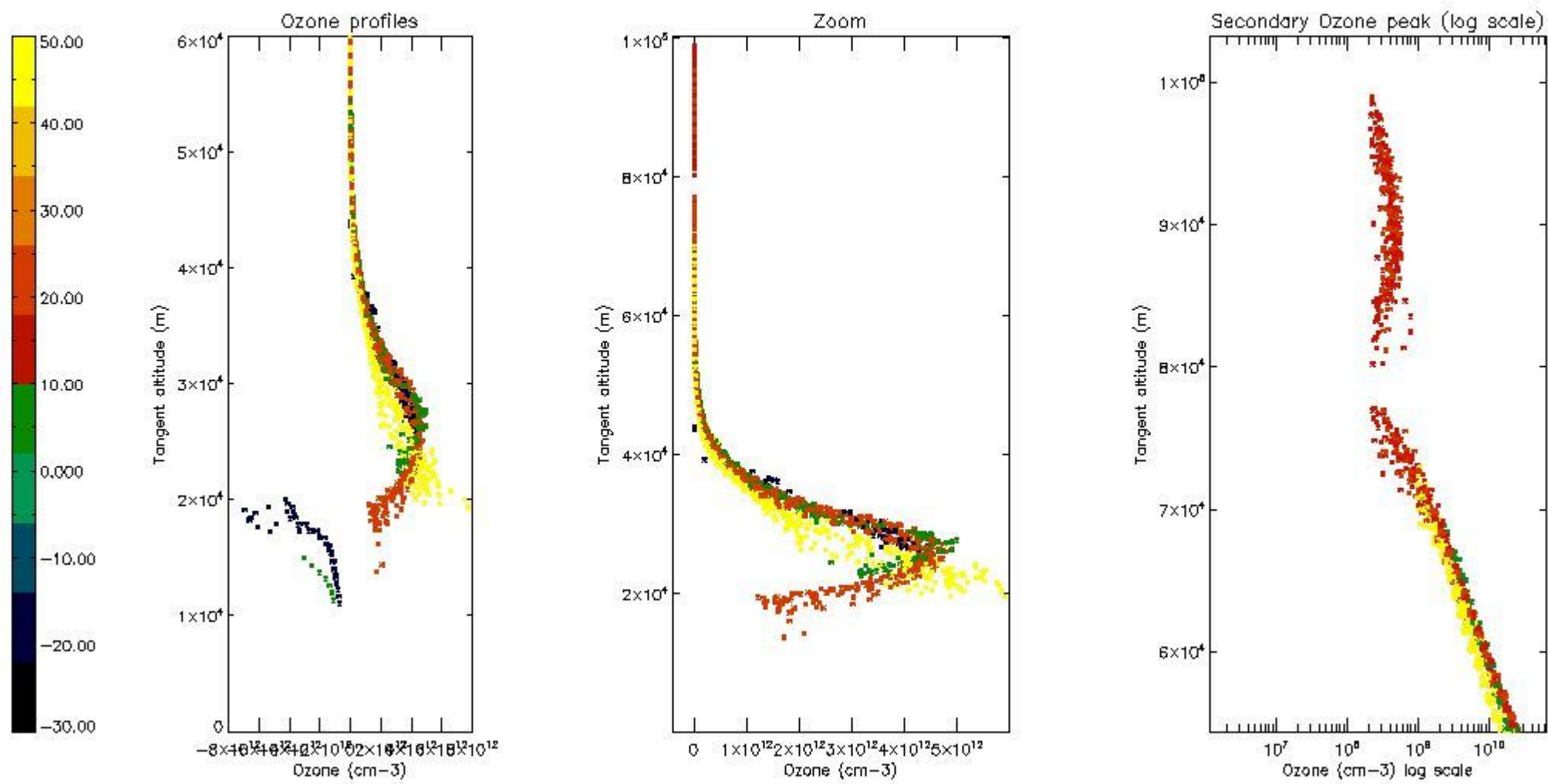
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



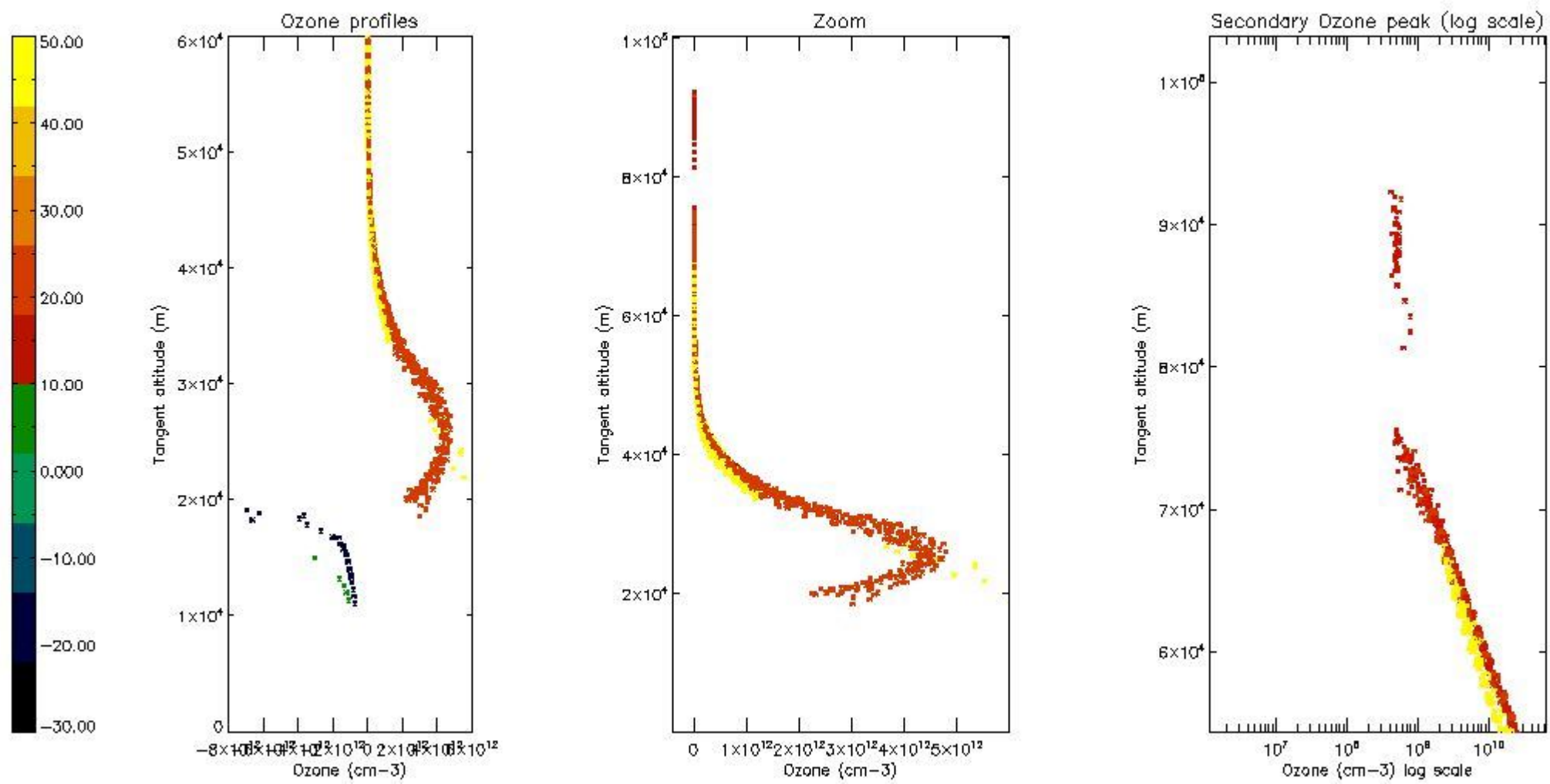
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



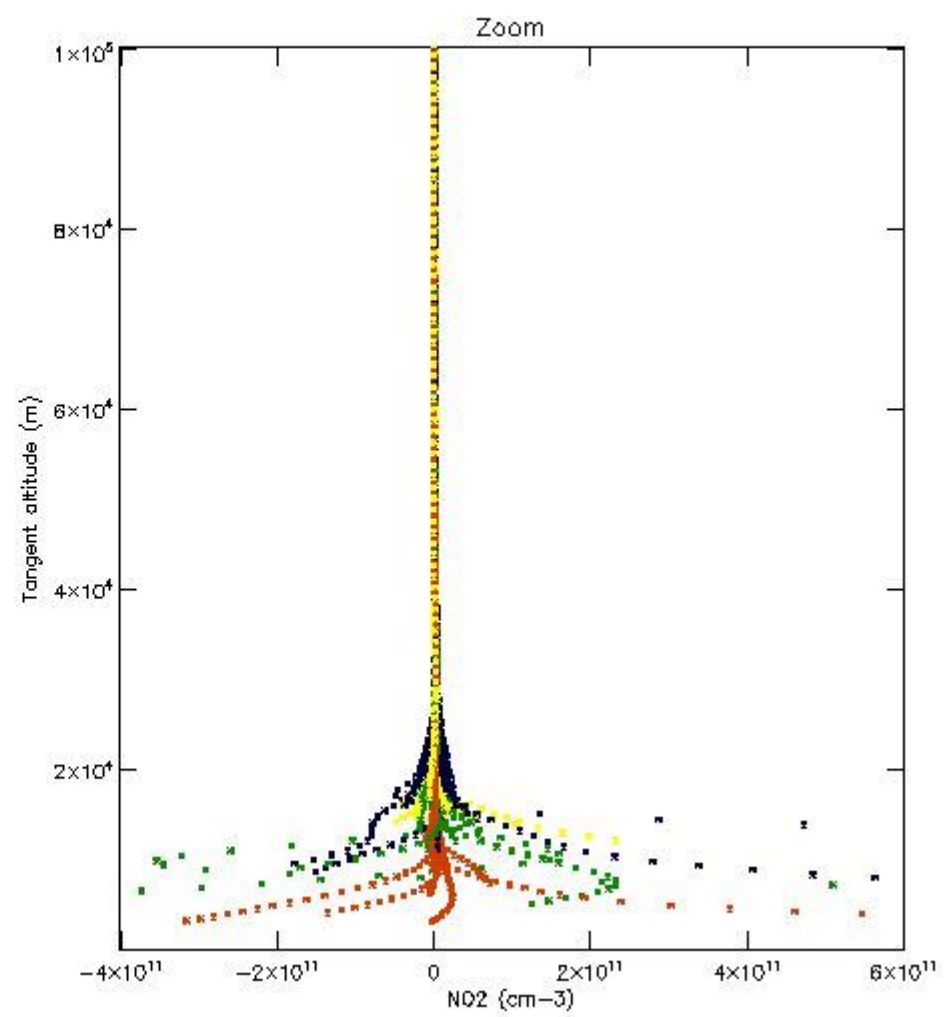
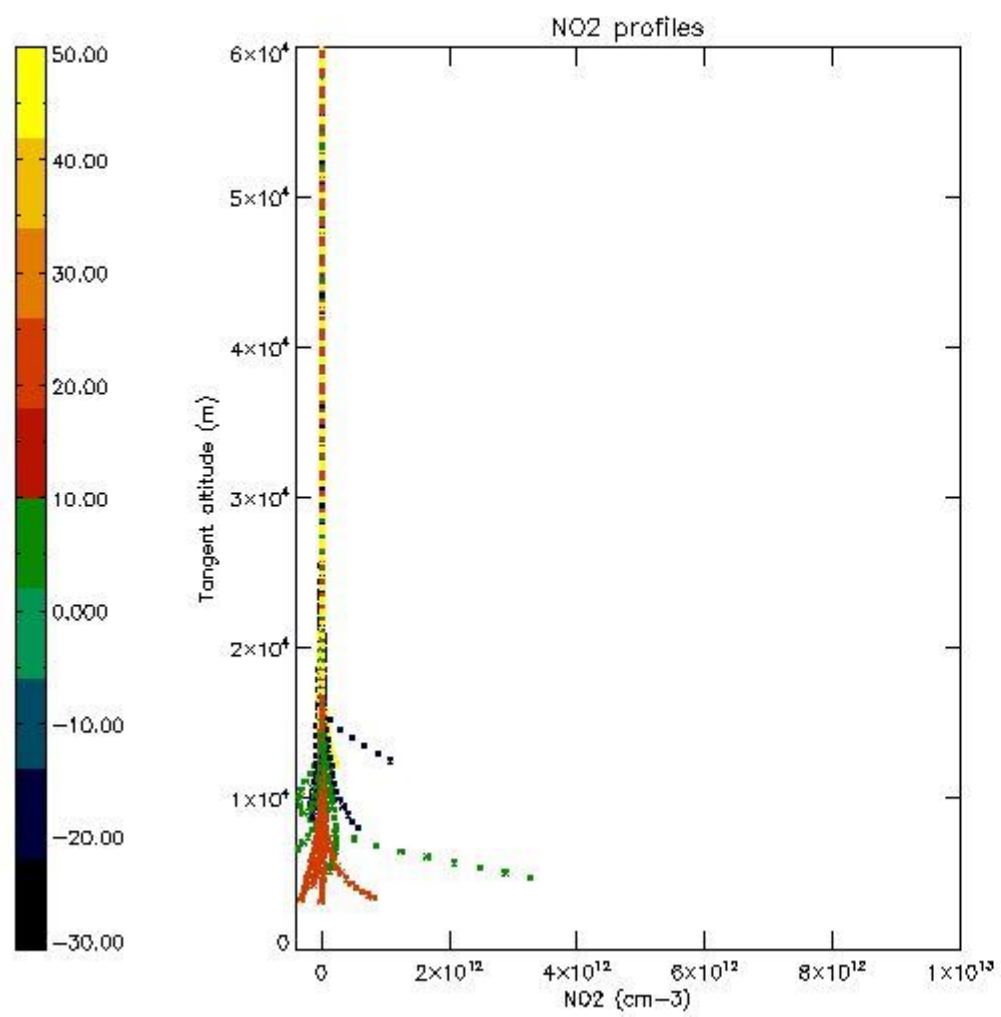
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



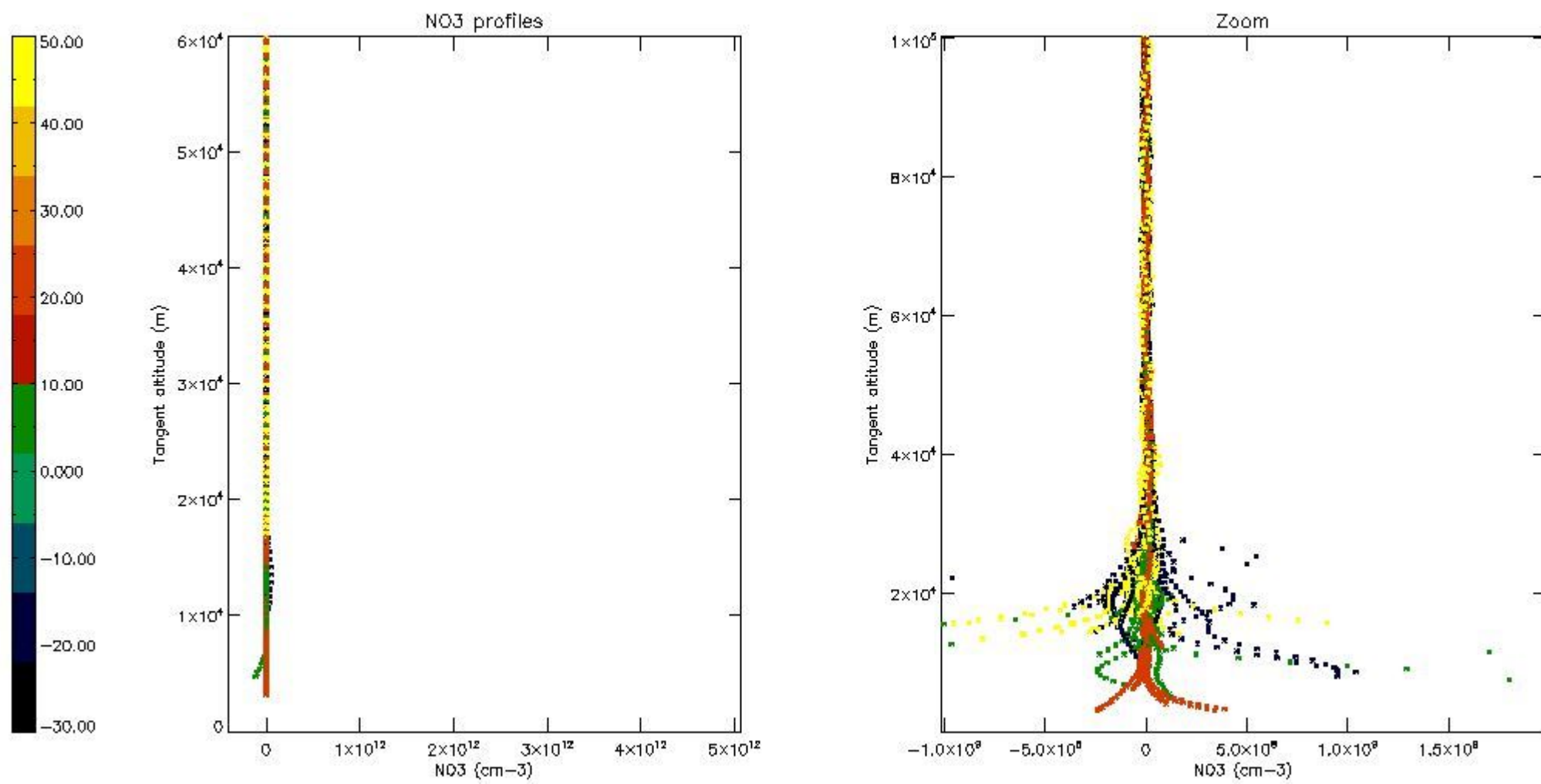
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



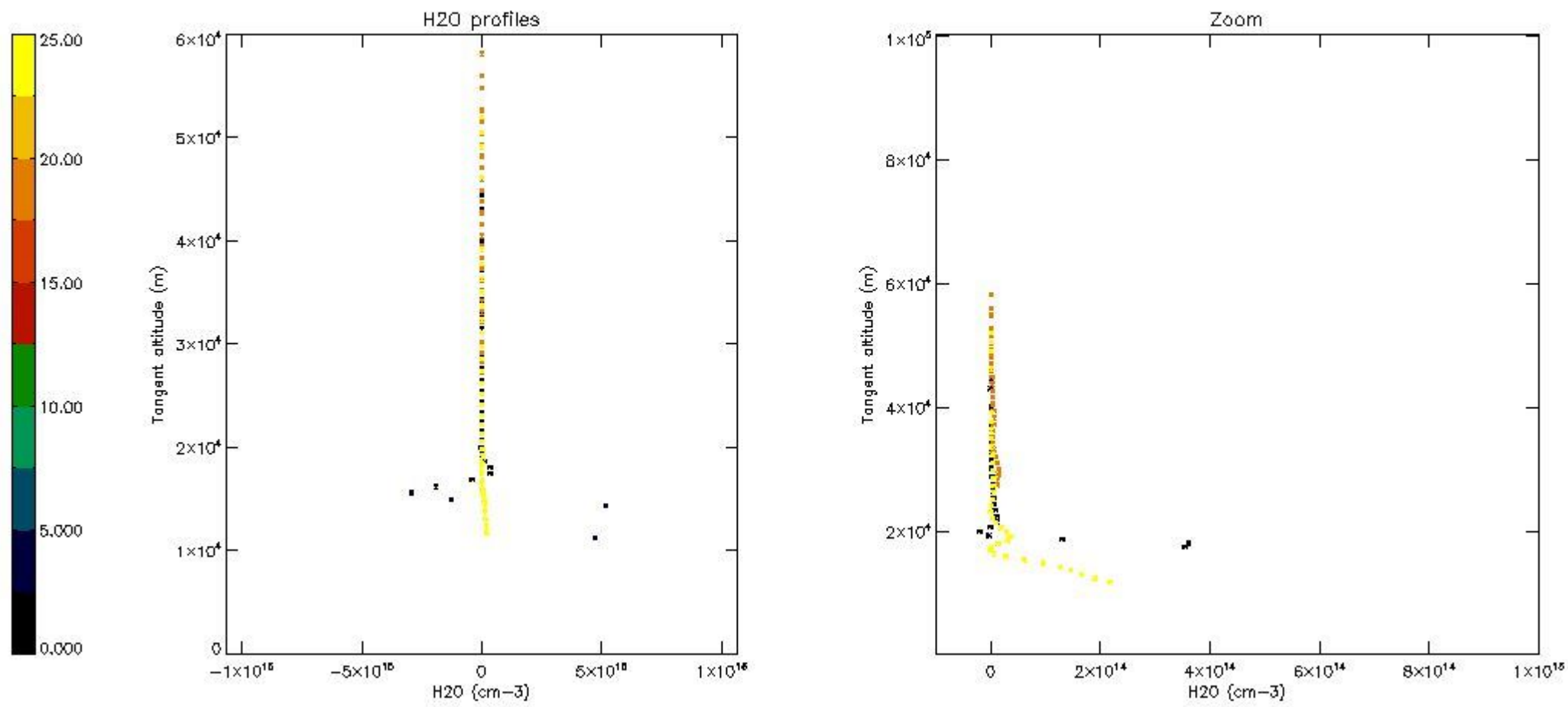
5.7 Plot NO3 profiles for all STD (dark without errors)

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 | 20-NOV-2009 00:52:32 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 20-NOV-2009 00:52:32 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 20-NOV-2009 00:52:32 |

GOMOS Level 2 Daily Report

SUMMARY

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

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[4. Level 1 Quality information per product \(stored on level 2 products\)](#)

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

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

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

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

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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 14:05:35 |
| Data source version | GOMOS/6.01 |
| Start time of products | 20-11-2009 (20NOV2009 00:00:00) |
| Stop time of products | 21-11-2009 (21NOV2009 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 276 |
| 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__2PRFIN20091120_005232_000000492084_00246_40380_1405.N1 | 20-NOV-2009 00:52:32 | Dark | 49.000 | 41 | Eps Car | 1.8600 | 4100.0 | 98 | 40380 | No |
| 2 | GOM_NL__2PRFIN20091120_005459_000000502084_00246_40380_1406.N1 | 20-NOV-2009 00:54:59 | Dark | 50.000 | 70 | Zet Pup | 2.2460 | 39000. | 100 | 40380 | No |
| 3 | GOM_NL__2PRFIN20091120_005803_000000542084_00246_40380_1407.N1 | 20-NOV-2009 00:58:03 | Dark | 54.000 | 2 | Alp Car | -0.73600 | 7000.0 | 108 | 40380 | No |
| 4 | GOM_NL__2PRFIN20091120_010443_000000542084_00246_40380_1408.N1 | 20-NOV-2009 01:04:43 | Dark | 53.500 | 108 | Alp Col | 2.6520 | 15200. | 107 | 40380 | No |
| 5 | GOM_NL__2PRFIN20091120_011330_000000472084_00246_40380_1409.N1 | 20-NOV-2009 01:13:30 | Straylight | 47.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 94 | 40380 | No |
| 6 | GOM_NL__2PRFIN20091120_011859_000000462084_00246_40380_1410.N1 | 20-NOV-2009 01:18:59 | Twilight | 46.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 92 | 40380 | No |
| 7 | GOM_NL__2PRFIN20091120_012536_000000422084_00246_40380_1411.N1 | 20-NOV-2009 01:25:36 | Bright | 42.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 84 | 40380 | No |
| 8 | GOM_NL__2PRFIN20091120_012810_000000442084_00246_40380_1412.N1 | 20-NOV-2009 01:28:10 | Bright | 44.000 | 150 | 44Zet Per | 2.8900 | 28000. | 88 | 40380 | No |
| 9 | GOM_NL__2PRFIN20091120_012953_000000392084_00246_40380_1413.N1 | 20-NOV-2009 01:29:53 | Bright | 39.000 | 79 | 26Bet Per | 2.3100 | 13100. | 78 | 40380 | No |
| 10 | GOM_NL__2PRFIN20091120_013229_000000402084_00246_40380_1414.N1 | 20-NOV-2009 01:32:29 | Bright | 39.500 | 175 | 39Del Per | 3.0100 | 19400. | 79 | 40380 | No |
| 11 | GOM_NL__2PRFIN20091120_015033_000000452084_00246_40380_1415.N1 | 20-NOV-2009 01:50:33 | Bright | 45.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 90 | 40380 | No |
| 12 | GOM_NL__2PRFIN20091120_015212_000000442084_00246_40380_1416.N1 | 20-NOV-2009 01:52:12 | Bright | 44.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 88 | 40380 | No |
| 13 | GOM_NL__2PRFIN20091120_015337_000000382084_00246_40380_1417.N1 | 20-NOV-2009 01:53:37 | Bright | 37.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 75 | 40380 | No |
| 14 | GOM_NL__2PRFIN20091120_015622_000000672084_00246_40380_1418.N1 | 20-NOV-2009 01:56:22 | Bright | 67.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 134 | 40380 | No |
| 15 | GOM_NL__2PRFIN20091120_015822_000000512084_00246_40380_1419.N1 | 20-NOV-2009 01:58:22 | Bright | 50.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 101 | 40380 | No |
| 16 | GOM_NL__2PRFIN20091120_020642_000000482084_00246_40380_1420.N1 | 20-NOV-2009 02:06:42 | Bright | 48.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 96 | 40380 | No |
| 17 | GOM_NL__2PRFIN20091120_021012_000000442084_00246_40380_1421.N1 | 20-NOV-2009 02:10:12 | Bright | 43.500 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 87 | 40380 | No |
| 18 | GOM_NL__2PRFIN20091120_021523_000000452084_00246_40380_1422.N1 | 20-NOV-2009 02:15:23 | Twilight | 44.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 89 | 40380 | No |
| 19 | GOM_NL__2PRFIN20091120_021655_000000462084_00246_40380_1423.N1 | 20-NOV-2009 02:16:55 | Twilight | 46.000 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 92 | 40380 | No |
| 20 | GOM_NL__2PRFIN20091120_022617_000000422084_00246_40380_1424.N1 | 20-NOV-2009 02:26:17 | Dark | 41.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 83 | 40380 | No |
| 21 | GOM_NL__2PRFIN20091120_023309_000000532084_00247_40381_1414.N1 | 20-NOV-2009 02:33:09 | Dark | 52.500 | 41 | Eps Car | 1.8600 | 4100.0 | 105 | 40381 | No |
| 22 | GOM_NL__2PRFIN20091120_023536_000000502084_00247_40381_1415.N1 | 20-NOV-2009 02:35:36 | Dark | 50.000 | 70 | Zet Pup | 2.2460 | 39000. | 100 | 40381 | No |
| 23 | GOM_NL__2PRFIN20091120_023839_000000562084_00247_40381_1416.N1 | 20-NOV-2009 02:38:39 | Dark | 55.500 | 2 | Alp Car | -0.73600 | 7000.0 | 111 | 40381 | No |
| 24 | GOM_NL__2PRFIN20091120_024519_000000492084_00247_40381_1417.N1 | 20-NOV-2009 02:45:19 | Dark | 48.500 | 108 | Alp Col | 2.6520 | 15200. | 97 | 40381 | No |
| 25 | GOM_NL__2PRFIN20091120_025406_000000512084_00247_40381_1418.N1 | 20-NOV-2009 02:54:06 | Straylight | 50.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 101 | 40381 | No |
| 26 | GOM_NL__2PRFIN20091120_025935_000000452084_00247_40381_1419.N1 | 20-NOV-2009 02:59:35 | Twilight | 44.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 89 | 40381 | No |
| 27 | GOM_NL__2PRFIN20091120_030612_000000442084_00247_40381_1420.N1 | 20-NOV-2009 03:06:12 | Bright | 43.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 87 | 40381 | No |
| 28 | GOM_NL__2PRFIN20091120_030845_000000432084_00247_40381_1421.N1 | 20-NOV-2009 03:08:45 | Bright | 43.000 | 150 | 44Zet Per | 2.8900 | 28000. | 86 | 40381 | No |
| 29 | GOM_NL__2PRFIN20091120_031029_000000392084_00247_40381_1422.N1 | 20-NOV-2009 03:10:29 | Bright | 38.500 | 79 | 26Bet Per | 2.3100 | 13100. | 77 | 40381 | No |
| 30 | GOM_NL__2PRFIN20091120_031304_000000392084_00247_40381_1423.N1 | 20-NOV-2009 03:13:04 | Bright | 38.500 | 175 | 39Del Per | 3.0100 | 19400. | 77 | 40381 | No |
| 31 | GOM_NL__2PRFIN20091120_033109_000000462084_00247_40381_1424.N1 | 20-NOV-2009 03:31:09 | Bright | 45.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 91 | 40381 | No |
| 32 | GOM_NL__2PRFIN20091120_033248_000000442084_00247_40381_1425.N1 | 20-NOV-2009 03:32:48 | Bright | 44.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 88 | 40381 | No |
| 33 | GOM_NL__2PRFIN20091120_033413_000000532084_00247_40381_1426.N1 | 20-NOV-2009 03:34:13 | Bright | 52.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 105 | 40381 | No |
| 34 | GOM_NL__2PRFIN20091120_033658_000000672084_00247_40381_1427.N1 | 20-NOV-2009 03:36:58 | Bright | 67.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 134 | 40381 | No |
| 35 | GOM_NL__2PRFIN20091120_033858_000000352084_00247_40381_1428.N1 | 20-NOV-2009 03:38:58 | Bright | 34.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 69 | 40381 | No |
| 36 | GOM_NL__2PRFIN20091120_034718_000000462084_00247_40381_1429.N1 | 20-NOV-2009 03:47:18 | Bright | 45.500 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 91 | 40381 | No |
| 37 | GOM_NL__2PRFIN20091120_035048_000000392084_00247_40381_1430.N1 | 20-NOV-2009 03:50:48 | Bright | 39.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 78 | 40381 | No |
| 38 | GOM_NL__2PRFIN20091120_035559_000000452084_00247_40381_1431.N1 | 20-NOV-2009 03:55:59 | Twilight | 45.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 90 | 40381 | No |
| 39 | GOM_NL__2PRFIN20091120_035732_000000462084_00247_40381_1432.N1 | 20-NOV-2009 03:57:32 | Twilight | 46.000 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 92 | 40381 | No |
| 40 | GOM_NL__2PRFIN20091120_040654_000000412084_00247_40381_1433.N1 | 20-NOV-2009 04:06:54 | Dark | 41.000 | 113 | Mu Vel | 2.6920 | 5000.0 | 82 | 40381 | No |
| 41 | GOM_NL__2PRFIN20091120_041346_000000562084_00248_40382_1423.N1 | 20-NOV-2009 04:13:46 | Dark | 55.500 | 41 | Eps Car | 1.8600 | 4100.0 | 111 | 40382 | No |
| 42 | GOM_NL__2PRFIN20091120_041614_000000502084_00248_40382_1424.N1 | 20-NOV-2009 04:16:14 | Dark | 50.000 | 70 | Zet Pup | 2.2460 | 39000. | 100 | 40382 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20091120_041916_000000502084_00248_40382_1425.N1 | 20-NOV-2009 04:19:16 | Dark | 50.000 | 2 | Alp Car | -0.73600 | 7000.0 | 100 | 40382 | No |
| 44 | GOM_NL__2PRFIN20091120_042556_000000512084_00248_40382_1426.N1 | 20-NOV-2009 04:25:56 | Dark | 50.500 | 108 | Alp Col | 2.6520 | 15200. | 101 | 40382 | No |
| 45 | GOM_NL__2PRFIN20091120_043443_000000512084_00248_40382_1427.N1 | 20-NOV-2009 04:34:43 | Straylight | 50.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 101 | 40382 | No |
| 46 | GOM_NL__2PRFIN20091120_044011_000000462084_00248_40382_1428.N1 | 20-NOV-2009 04:40:11 | Tw_i_and_stray | 46.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 92 | 40382 | No |
| 47 | GOM_NL__2PRFIN20091120_044647_000000432084_00248_40382_1429.N1 | 20-NOV-2009 04:46:47 | Bright | 42.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 85 | 40382 | No |
| 48 | GOM_NL__2PRFIN20091120_044921_000000432084_00248_40382_1430.N1 | 20-NOV-2009 04:49:21 | Bright | 43.000 | 150 | 44Zet Per | 2.8900 | 28000. | 86 | 40382 | No |
| 49 | GOM_NL__2PRFIN20091120_045105_000000402084_00248_40382_1431.N1 | 20-NOV-2009 04:51:05 | Bright | 39.500 | 79 | 26Bet Per | 2.3100 | 13100. | 79 | 40382 | No |
| 50 | GOM_NL__2PRFIN20091120_045340_000000382084_00248_40382_1432.N1 | 20-NOV-2009 04:53:40 | Bright | 37.500 | 175 | 39Del Per | 3.0100 | 19400. | 75 | 40382 | No |
| 51 | GOM_NL__2PRFIN20091120_051145_000000412084_00248_40382_1433.N1 | 20-NOV-2009 05:11:45 | Bright | 40.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 81 | 40382 | No |
| 52 | GOM_NL__2PRFIN20091120_051324_000000442084_00248_40382_1434.N1 | 20-NOV-2009 05:13:24 | Bright | 44.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 88 | 40382 | No |
| 53 | GOM_NL__2PRFIN20091120_051449_000000422084_00248_40382_1435.N1 | 20-NOV-2009 05:14:49 | Bright | 41.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 83 | 40382 | No |
| 54 | GOM_NL__2PRFIN20091120_051734_000000672084_00248_40382_1436.N1 | 20-NOV-2009 05:17:34 | Bright | 67.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 134 | 40382 | No |
| 55 | GOM_NL__2PRFIN20091120_052755_000000652084_00248_40382_1437.N1 | 20-NOV-2009 05:27:55 | Bright | 65.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 130 | 40382 | No |
| 56 | GOM_NL__2PRFIN20091120_053125_000000392084_00248_40382_1438.N1 | 20-NOV-2009 05:31:25 | Bright | 38.500 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 77 | 40382 | No |
| 57 | GOM_NL__2PRFIN20091120_053636_000000462084_00248_40382_1439.N1 | 20-NOV-2009 05:36:36 | Tw_i_and_stray | 46.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 92 | 40382 | No |
| 58 | GOM_NL__2PRFIN20091120_053808_000000492084_00248_40382_1440.N1 | 20-NOV-2009 05:38:08 | Twilight | 49.000 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 98 | 40382 | No |
| 59 | GOM_NL__2PRFIN20091120_054730_000000422084_00248_40382_1441.N1 | 20-NOV-2009 05:47:30 | Dark | 42.000 | 113 | Mu Vel | 2.6920 | 5000.0 | 84 | 40382 | No |
| 60 | GOM_NL__2PRFIN20091120_055422_000000472084_00249_40383_1434.N1 | 20-NOV-2009 05:54:22 | Dark | 46.500 | 41 | Eps Car | 1.8600 | 4100.0 | 93 | 40383 | No |
| 61 | GOM_NL__2PRFIN20091120_055651_000000502084_00249_40383_1435.N1 | 20-NOV-2009 05:56:51 | Dark | 50.000 | 70 | Zet Pup | 2.2460 | 39000. | 100 | 40383 | No |
| 62 | GOM_NL__2PRFIN20091120_055953_000000482084_00249_40383_1436.N1 | 20-NOV-2009 05:59:53 | Dark | 48.000 | 2 | Alp Car | -0.73600 | 7000.0 | 96 | 40383 | No |
| 63 | GOM_NL__2PRFIN20091120_060632_000000532084_00249_40383_1437.N1 | 20-NOV-2009 06:06:32 | Dark | 53.000 | 108 | Alp Col | 2.6520 | 15200. | 106 | 40383 | No |
| 64 | GOM_NL__2PRFIN20091120_061519_000000502084_00249_40383_1438.N1 | 20-NOV-2009 06:15:19 | Straylight | 49.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 99 | 40383 | No |
| 65 | GOM_NL__2PRFIN20091120_062047_000000452084_00249_40383_1439.N1 | 20-NOV-2009 06:20:47 | Tw_i_and_stray | 45.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 90 | 40383 | No |
| 66 | GOM_NL__2PRFIN20091120_062723_000000432084_00249_40383_1440.N1 | 20-NOV-2009 06:27:23 | Bright | 42.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 85 | 40383 | No |
| 67 | GOM_NL__2PRFIN20091120_062957_000000422084_00249_40383_1441.N1 | 20-NOV-2009 06:29:57 | Bright | 42.000 | 150 | 44Zet Per | 2.8900 | 28000. | 84 | 40383 | No |
| 68 | GOM_NL__2PRFIN20091120_063140_000000392084_00249_40383_1442.N1 | 20-NOV-2009 06:31:40 | Bright | 38.500 | 79 | 26Bet Per | 2.3100 | 13100. | 77 | 40383 | No |
| 69 | GOM_NL__2PRFIN20091120_063416_000000382084_00249_40383_1443.N1 | 20-NOV-2009 06:34:16 | Bright | 38.000 | 175 | 39Del Per | 3.0100 | 19400. | 76 | 40383 | No |
| 70 | GOM_NL__2PRFIN20091120_065221_000000402084_00249_40383_1444.N1 | 20-NOV-2009 06:52:21 | Bright | 39.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 79 | 40383 | No |
| 71 | GOM_NL__2PRFIN20091120_065359_000000452084_00249_40383_1445.N1 | 20-NOV-2009 06:53:59 | Bright | 45.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 90 | 40383 | No |
| 72 | GOM_NL__2PRFIN20091120_065525_000000422084_00249_40383_1446.N1 | 20-NOV-2009 06:55:25 | Bright | 42.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 84 | 40383 | No |
| 73 | GOM_NL__2PRFIN20091120_065810_000000592084_00249_40383_1447.N1 | 20-NOV-2009 06:58:10 | Bright | 58.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 117 | 40383 | No |
| 74 | GOM_NL__2PRFIN20091120_070010_000000392084_00249_40383_1448.N1 | 20-NOV-2009 07:00:10 | Bright | 39.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 78 | 40383 | No |
| 75 | GOM_NL__2PRFIN20091120_070831_000000462084_00249_40383_1449.N1 | 20-NOV-2009 07:08:31 | Bright | 46.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 92 | 40383 | No |
| 76 | GOM_NL__2PRFIN20091120_071201_000000382084_00249_40383_1450.N1 | 20-NOV-2009 07:12:01 | Bright | 38.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 76 | 40383 | No |
| 77 | GOM_NL__2PRFIN20091120_071712_000000442084_00249_40383_1451.N1 | 20-NOV-2009 07:17:12 | Tw_i_and_stray | 43.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 87 | 40383 | No |
| 78 | GOM_NL__2PRFIN20091120_071845_000000462084_00249_40383_1452.N1 | 20-NOV-2009 07:18:45 | Twilight | 45.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 91 | 40383 | No |
| 79 | GOM_NL__2PRFIN20091120_072807_000000452084_00249_40383_1453.N1 | 20-NOV-2009 07:28:07 | Dark | 44.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 89 | 40383 | No |
| 80 | GOM_NL__2PRFIN20091120_073459_000000422084_00250_40384_1445.N1 | 20-NOV-2009 07:34:59 | Dark | 42.000 | 41 | Eps Car | 1.8600 | 4100.0 | 84 | 40384 | No |
| 81 | GOM_NL__2PRFIN20091120_073728_000000492084_00250_40384_1446.N1 | 20-NOV-2009 07:37:28 | Dark | 49.000 | 70 | Zet Pup | 2.2460 | 39000. | 98 | 40384 | No |
| 82 | GOM_NL__2PRFIN20091120_074029_000000452084_00250_40384_1447.N1 | 20-NOV-2009 07:40:29 | Dark | 44.500 | 2 | Alp Car | -0.73600 | 7000.0 | 89 | 40384 | No |
| 83 | GOM_NL__2PRFIN20091120_074709_000000532084_00250_40384_1448.N1 | 20-NOV-2009 07:47:09 | Dark | 53.000 | 108 | Alp Col | 2.6520 | 15200. | 106 | 40384 | No |
| 84 | GOM_NL__2PRFIN20091120_075555_000000502084_00250_40384_1449.N1 | 20-NOV-2009 07:55:55 | Straylight | 50.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 100 | 40384 | No |
| 85 | GOM_NL__2PRFIN20091120_080123_000000462084_00250_40384_1450.N1 | 20-NOV-2009 08:01:23 | Tw_i_and_stray | 45.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 91 | 40384 | No |
| 86 | GOM_NL__2PRFIN20091120_080759_000000432084_00250_40384_1451.N1 | 20-NOV-2009 08:07:59 | Bright | 42.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 85 | 40384 | No |
| 87 | GOM_NL__2PRFIN20091120_081032_000000422084_00250_40384_1452.N1 | 20-NOV-2009 08:10:32 | Bright | 42.000 | 150 | 44Zet Per | 2.8900 | 28000. | 84 | 40384 | No |
| 88 | GOM_NL__2PRFIN20091120_081216_000000392084_00250_40384_1453.N1 | 20-NOV-2009 08:12:16 | Bright | 39.000 | 79 | 26Bet Per | 2.3100 | 13100. | 78 | 40384 | No |
| 89 | GOM_NL__2PRFIN20091120_081451_000000472084_00250_40384_1454.N1 | 20-NOV-2009 08:14:51 | Bright | 46.500 | 175 | 39Del Per | 3.0100 | 19400. | 93 | 40384 | No |
| 90 | GOM_NL__2PRFIN20091120_083256_000000472084_00250_40384_1455.N1 | 20-NOV-2009 08:32:56 | Bright | 46.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 93 | 40384 | No |
| 91 | GOM_NL__2PRFIN20091120_083435_000000632084_00250_40384_1456.N1 | 20-NOV-2009 08:34:35 | Bright | 63.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 126 | 40384 | No |
| 92 | GOM_NL__2PRFIN20091120_083600_000000402084_00250_40384_1457.N1 | 20-NOV-2009 08:36:00 | Bright | 40.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 80 | 40384 | No |
| 93 | GOM_NL__2PRFIN20091120_083846_000000482084_00250_40384_1458.N1 | 20-NOV-2009 08:38:46 | Bright | 47.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 95 | 40384 | No |
| 94 | GOM_NL__2PRFIN20091120_084046_000000362084_00250_40384_1459.N1 | 20-NOV-2009 08:40:46 | Bright | 36.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 72 | 40384 | No |
| 95 | GOM_NL__2PRFIN20091120_084907_000000462084_00250_40384_1460.N1 | 20-NOV-2009 08:49:07 | Bright | 46.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 92 | 40384 | No |
| 96 | GOM_NL__2PRFIN20091120_085237_000000372084_00250_40384_1461.N1 | 20-NOV-2009 08:52:37 | Bright | 36.500 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 73 | 40384 | No |
| 97 | GOM_NL__2PRFIN20091120_085749_000000442084_00250_40384_1462.N1 | 20-NOV-2009 08:57:49 | Tw_i_and_stray | 44.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 88 | 40384 | No |
| 98 | GOM_NL__2PRFIN20091120_085921_000000442084_00250_40384_1463.N1 | 20-NOV-2009 08:59:21 | Twilight | 44.000 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 88 | 40384 | No |
| 99 | GOM_NL__2PRFIN20091120_090844_000000492084_00250_40384_1464.N1 | 20-NOV-2009 09:08:44 | Dark | 49.000 | 113 | Mu Vel | 2.6920 | 5000.0 | 98 | 40384 | No |
| 100 | GOM_NL__2PRFIN20091120_091536_000000462084_00251_40385_1476.N1 | 20-NOV-2009 09:15:36 | Dark | 45.500 | 41 | Eps Car | 1.8600 | 4100.0 | 91 | 40385 | No |
| 101 | GOM_NL__2PRFIN20091120_091805_000000492084_00251_40385_1477.N1 | 20-NOV-2009 09:18:05 | Dark | 49.000 | 70 | Zet Pup | 2.2460 | 39000. | 98 | 40385 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20091120_092106_000000602084_00251_40385_1478.N1 | 20-NOV-2009 09:21:06 | Dark | 60.000 | 2 | Alp Car | -0.73600 | 7000.0 | 120 | 40385 | No |
| 103 | GOM_NL__2PRFIN20091120_092745_000000512084_00251_40385_1479.N1 | 20-NOV-2009 09:27:45 | Dark | 50.500 | 108 | Alp Col | 2.6520 | 15200. | 101 | 40385 | No |
| 104 | GOM_NL__2PRFIN20091120_093631_000000492084_00251_40385_1480.N1 | 20-NOV-2009 09:36:31 | Straylight | 49.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 98 | 40385 | No |
| 105 | GOM_NL__2PRFIN20091120_094159_000000442084_00251_40385_1481.N1 | 20-NOV-2009 09:41:59 | Twilight | 44.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 88 | 40385 | No |
| 106 | GOM_NL__2PRFIN20091120_094834_000000432084_00251_40385_1482.N1 | 20-NOV-2009 09:48:34 | Bright | 43.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 86 | 40385 | No |
| 107 | GOM_NL__2PRFIN20091120_095107_000000432084_00251_40385_1483.N1 | 20-NOV-2009 09:51:07 | Bright | 43.000 | 150 | 44Zet Per | 2.8900 | 28000. | 86 | 40385 | No |
| 108 | GOM_NL__2PRFIN20091120_095252_000000382084_00251_40385_1484.N1 | 20-NOV-2009 09:52:52 | Bright | 38.000 | 79 | 26Bet Per | 2.3100 | 13100. | 76 | 40385 | No |
| 109 | GOM_NL__2PRFIN20091120_095527_000000392084_00251_40385_1485.N1 | 20-NOV-2009 09:55:27 | Bright | 39.000 | 175 | 39Del Per | 3.0100 | 19400. | 78 | 40385 | No |
| 110 | GOM_NL__2PRFIN20091120_101332_000000472084_00251_40385_1486.N1 | 20-NOV-2009 10:13:32 | Bright | 46.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 93 | 40385 | No |
| 111 | GOM_NL__2PRFIN20091120_101510_000000432084_00251_40385_1487.N1 | 20-NOV-2009 10:15:10 | Bright | 42.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 85 | 40385 | No |
| 112 | GOM_NL__2PRFIN20091120_101636_000000382084_00251_40385_1488.N1 | 20-NOV-2009 10:16:36 | Bright | 37.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 75 | 40385 | No |
| 113 | GOM_NL__2PRFIN20091120_101921_000000492084_00251_40385_1489.N1 | 20-NOV-2009 10:19:21 | Bright | 48.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 97 | 40385 | No |
| 114 | GOM_NL__2PRFIN20091120_102122_000000362084_00251_40385_1490.N1 | 20-NOV-2009 10:21:22 | Bright | 36.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 72 | 40385 | No |
| 115 | GOM_NL__2PRFIN20091120_102944_000000442084_00251_40385_1491.N1 | 20-NOV-2009 10:29:44 | Bright | 44.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 88 | 40385 | No |
| 116 | GOM_NL__2PRFIN20091120_103313_000000382084_00251_40385_1492.N1 | 20-NOV-2009 10:33:13 | Bright | 38.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 76 | 40385 | No |
| 117 | GOM_NL__2PRFIN20091120_103825_000000462084_00251_40385_1493.N1 | 20-NOV-2009 10:38:25 | Twilight | 46.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 92 | 40385 | No |
| 118 | GOM_NL__2PRFIN20091120_103958_000000472084_00251_40385_1494.N1 | 20-NOV-2009 10:39:58 | Twilight | 46.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 93 | 40385 | No |
| 119 | GOM_NL__2PRFIN20091120_104920_000000502084_00251_40385_1495.N1 | 20-NOV-2009 10:49:20 | Dark | 49.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 99 | 40385 | No |
| 120 | GOM_NL__2PRFIN20091120_105612_000000432084_00252_40386_1485.N1 | 20-NOV-2009 10:56:12 | Dark | 43.000 | 41 | Eps Car | 1.8600 | 4100.0 | 86 | 40386 | No |
| 121 | GOM_NL__2PRFIN20091120_105842_000000492084_00252_40386_1486.N1 | 20-NOV-2009 10:58:42 | Dark | 49.000 | 70 | Zet Pup | 2.2460 | 39000. | 98 | 40386 | No |
| 122 | GOM_NL__2PRFIN20091120_110142_000000522084_00252_40386_1487.N1 | 20-NOV-2009 11:01:42 | Dark | 52.000 | 2 | Alp Car | -0.73600 | 7000.0 | 104 | 40386 | No |
| 123 | GOM_NL__2PRFIN20091120_110822_000000522084_00252_40386_1488.N1 | 20-NOV-2009 11:08:22 | Dark | 51.500 | 108 | Alp Col | 2.6520 | 15200. | 103 | 40386 | No |
| 124 | GOM_NL__2PRFIN20091120_111707_000000492084_00252_40386_1489.N1 | 20-NOV-2009 11:17:07 | Straylight | 49.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 98 | 40386 | No |
| 125 | GOM_NL__2PRFIN20091120_112235_000000462084_00252_40386_1490.N1 | 20-NOV-2009 11:22:35 | Twilight | 45.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 91 | 40386 | No |
| 126 | GOM_NL__2PRFIN20091120_112910_000000422084_00252_40386_1491.N1 | 20-NOV-2009 11:29:10 | Bright | 41.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 83 | 40386 | No |
| 127 | GOM_NL__2PRFIN20091120_113143_000000432084_00252_40386_1492.N1 | 20-NOV-2009 11:31:43 | Bright | 42.500 | 150 | 44Zet Per | 2.8900 | 28000. | 85 | 40386 | No |
| 128 | GOM_NL__2PRFIN20091120_113328_000000392084_00252_40386_1493.N1 | 20-NOV-2009 11:33:28 | Bright | 39.000 | 79 | 26Bet Per | 2.3100 | 13100. | 78 | 40386 | No |
| 129 | GOM_NL__2PRFIN20091120_113603_000000392084_00252_40386_1494.N1 | 20-NOV-2009 11:36:03 | Bright | 38.500 | 175 | 39Del Per | 3.0100 | 19400. | 77 | 40386 | No |
| 130 | GOM_NL__2PRFIN20091120_115408_000000452084_00252_40386_1495.N1 | 20-NOV-2009 11:54:08 | Bright | 44.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 89 | 40386 | No |
| 131 | GOM_NL__2PRFIN20091120_115546_000000412084_00252_40386_1496.N1 | 20-NOV-2009 11:55:46 | Bright | 40.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 81 | 40386 | No |
| 132 | GOM_NL__2PRFIN20091120_115712_000000412084_00252_40386_1497.N1 | 20-NOV-2009 11:57:12 | Bright | 41.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 82 | 40386 | No |
| 133 | GOM_NL__2PRFIN20091120_115957_000000502084_00252_40386_1498.N1 | 20-NOV-2009 11:59:57 | Bright | 49.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 99 | 40386 | No |
| 134 | GOM_NL__2PRFIN20091120_120158_000000352084_00252_40386_1499.N1 | 20-NOV-2009 12:01:58 | Bright | 35.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 70 | 40386 | No |
| 135 | GOM_NL__2PRFIN20091120_121020_000000652084_00252_40386_1500.N1 | 20-NOV-2009 12:10:20 | Bright | 65.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 130 | 40386 | No |
| 136 | GOM_NL__2PRFIN20091120_121349_000000472084_00252_40386_1501.N1 | 20-NOV-2009 12:13:49 | Bright | 46.500 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 93 | 40386 | No |
| 137 | GOM_NL__2PRFIN20091120_121902_000000452084_00252_40386_1502.N1 | 20-NOV-2009 12:19:02 | Twilight | 44.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 89 | 40386 | No |
| 138 | GOM_NL__2PRFIN20091120_122034_000000472084_00252_40386_1503.N1 | 20-NOV-2009 12:20:34 | Twilight | 46.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 93 | 40386 | No |
| 139 | GOM_NL__2PRFIN20091120_122957_000000462084_00252_40386_1504.N1 | 20-NOV-2009 12:29:57 | Dark | 46.000 | 113 | Mu Vel | 2.6920 | 5000.0 | 92 | 40386 | No |
| 140 | GOM_NL__2PRFIN20091120_123648_000000442084_00253_40387_1495.N1 | 20-NOV-2009 12:36:48 | Dark | 43.500 | 41 | Eps Car | 1.8600 | 4100.0 | 87 | 40387 | No |
| 141 | GOM_NL__2PRFIN20091120_123919_000000492084_00253_40387_1496.N1 | 20-NOV-2009 12:39:19 | Dark | 49.000 | 70 | Zet Pup | 2.2460 | 39000. | 98 | 40387 | No |
| 142 | GOM_NL__2PRFIN20091120_124219_000000602084_00253_40387_1497.N1 | 20-NOV-2009 12:42:19 | Dark | 60.000 | 2 | Alp Car | -0.73600 | 7000.0 | 120 | 40387 | No |
| 143 | GOM_NL__2PRFIN20091120_124858_000000552084_00253_40387_1498.N1 | 20-NOV-2009 12:48:58 | Dark | 54.500 | 108 | Alp Col | 2.6520 | 15200. | 109 | 40387 | No |
| 144 | GOM_NL__2PRFIN20091120_125743_000000502084_00253_40387_1499.N1 | 20-NOV-2009 12:57:43 | Straylight | 50.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 100 | 40387 | No |
| 145 | GOM_NL__2PRFIN20091120_130311_000000462084_00253_40387_1500.N1 | 20-NOV-2009 13:03:11 | Twilight | 45.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 91 | 40387 | No |
| 146 | GOM_NL__2PRFIN20091120_130945_000000422084_00253_40387_1501.N1 | 20-NOV-2009 13:09:45 | Bright | 41.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 83 | 40387 | No |
| 147 | GOM_NL__2PRFIN20091120_131218_000000422084_00253_40387_1502.N1 | 20-NOV-2009 13:12:18 | Bright | 42.000 | 150 | 44Zet Per | 2.8900 | 28000. | 84 | 40387 | No |
| 148 | GOM_NL__2PRFIN20091120_131403_000000382084_00253_40387_1503.N1 | 20-NOV-2009 13:14:03 | Bright | 38.000 | 79 | 26Bet Per | 2.3100 | 13100. | 76 | 40387 | No |
| 149 | GOM_NL__2PRFIN20091120_131638_000000372084_00253_40387_1504.N1 | 20-NOV-2009 13:16:38 | Bright | 37.000 | 175 | 39Del Per | 3.0100 | 19400. | 74 | 40387 | No |
| 150 | GOM_NL__2PRFIN20091120_133443_000000442084_00253_40387_1505.N1 | 20-NOV-2009 13:34:43 | Bright | 43.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 87 | 40387 | No |
| 151 | GOM_NL__2PRFIN20091120_133622_000000412084_00253_40387_1506.N1 | 20-NOV-2009 13:36:22 | Bright | 41.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 82 | 40387 | No |
| 152 | GOM_NL__2PRFIN20091120_133748_000000402084_00253_40387_1507.N1 | 20-NOV-2009 13:37:48 | Bright | 40.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 80 | 40387 | No |
| 153 | GOM_NL__2PRFIN20091120_134033_000000482084_00253_40387_1508.N1 | 20-NOV-2009 13:40:33 | Bright | 48.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 96 | 40387 | No |
| 154 | GOM_NL__2PRFIN20091120_134234_000000342084_00253_40387_1509.N1 | 20-NOV-2009 13:42:34 | Bright | 34.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 68 | 40387 | No |
| 155 | GOM_NL__2PRFIN20091120_135056_000000652084_00253_40387_1510.N1 | 20-NOV-2009 13:50:56 | Bright | 65.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 130 | 40387 | No |
| 156 | GOM_NL__2PRFIN20091120_135426_000000422084_00253_40387_1511.N1 | 20-NOV-2009 13:54:26 | Bright | 42.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 84 | 40387 | No |
| 157 | GOM_NL__2PRFIN20091120_135938_000000442084_00253_40387_1512.N1 | 20-NOV-2009 13:59:38 | Twilight | 44.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 88 | 40387 | No |
| 158 | GOM_NL__2PRFIN20091120_140111_000000462084_00253_40387_1513.N1 | 20-NOV-2009 14:01:11 | Twilight | 45.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 91 | 40387 | No |
| 159 | GOM_NL__2PRFIN20091120_141033_000000422084_00253_40387_1514.N1 | 20-NOV-2009 14:10:33 | Dark | 42.000 | 113 | Mu Vel | 2.6920 | 5000.0 | 84 | 40387 | No |
| 160 | GOM_NL__2PRFIN20091120_141725_000000452084_00254_40388_1510.N1 | 20-NOV-2009 14:17:25 | Dark | 45.000 | 41 | Eps Car | 1.8600 | 4100.0 | 90 | 40388 | No |

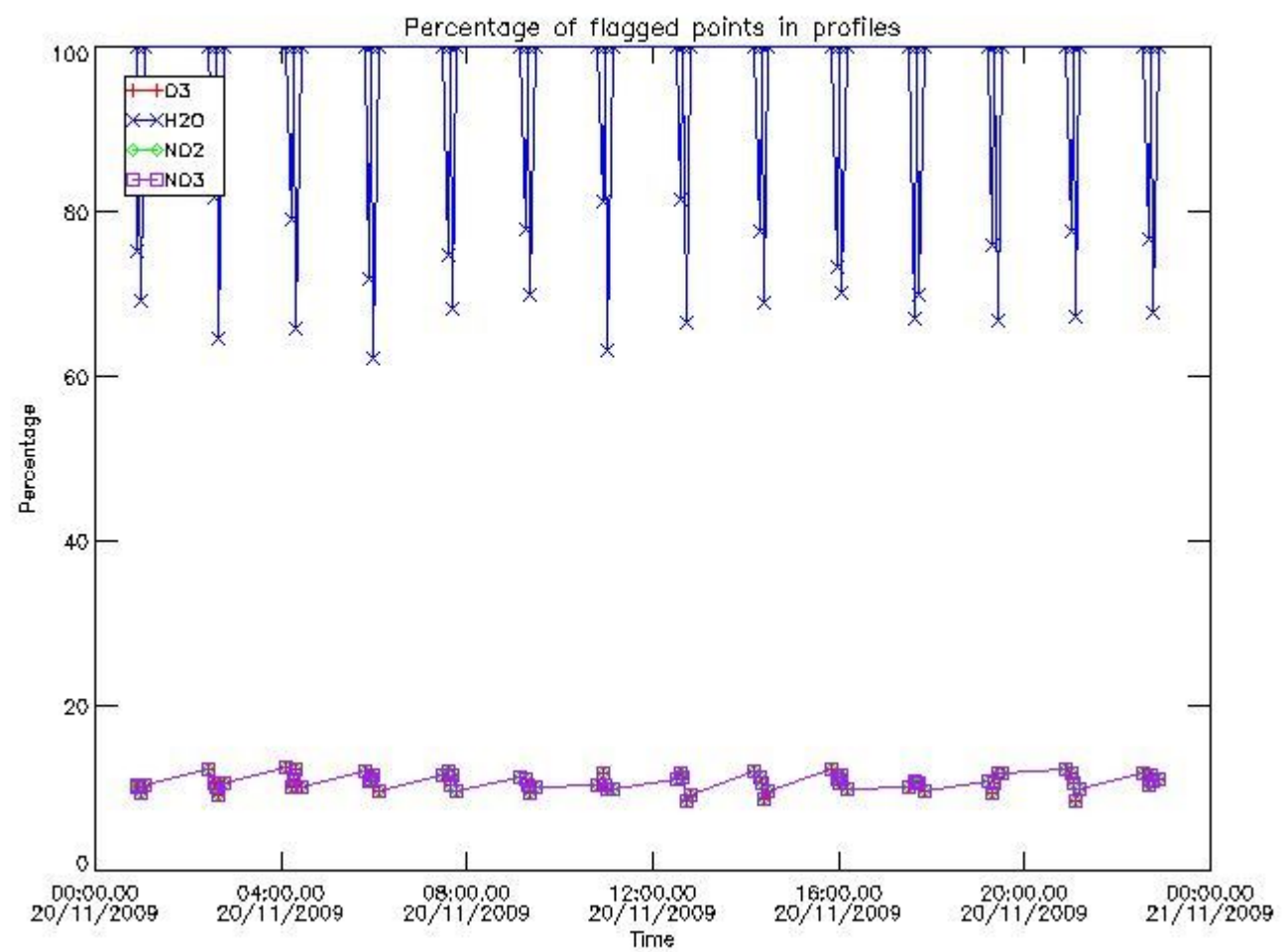
| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20091120_141956_000000482084_00254_40388_1511.N1 | 20-NOV-2009 14:19:56 | Dark | 48.000 | 70 | Zet Pup | 2.2460 | 39000. | 96 | 40388 | No |
| 162 | GOM_NL__2PRFIN20091120_142255_000000592084_00254_40388_1512.N1 | 20-NOV-2009 14:22:55 | Dark | 58.500 | 2 | Alp Car | -0.73600 | 7000.0 | 117 | 40388 | No |
| 163 | GOM_NL__2PRFIN20091120_142935_000000522084_00254_40388_1513.N1 | 20-NOV-2009 14:29:35 | Dark | 52.000 | 108 | Alp Col | 2.6520 | 15200. | 104 | 40388 | No |
| 164 | GOM_NL__2PRFIN20091120_143819_000000482084_00254_40388_1514.N1 | 20-NOV-2009 14:38:19 | Straylight | 48.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 96 | 40388 | No |
| 165 | GOM_NL__2PRFIN20091120_144347_000000462084_00254_40388_1515.N1 | 20-NOV-2009 14:43:47 | Tw_i_and_stray | 45.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 91 | 40388 | No |
| 166 | GOM_NL__2PRFIN20091120_145021_000000422084_00254_40388_1516.N1 | 20-NOV-2009 14:50:21 | Bright | 41.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 83 | 40388 | No |
| 167 | GOM_NL__2PRFIN20091120_145254_000000432084_00254_40388_1517.N1 | 20-NOV-2009 14:52:54 | Bright | 42.500 | 150 | 44Zet Per | 2.8900 | 28000. | 85 | 40388 | No |
| 168 | GOM_NL__2PRFIN20091120_145439_000000372084_00254_40388_1518.N1 | 20-NOV-2009 14:54:39 | Bright | 37.000 | 79 | 26Bet Per | 2.3100 | 13100. | 74 | 40388 | No |
| 169 | GOM_NL__2PRFIN20091120_145714_000000382084_00254_40388_1519.N1 | 20-NOV-2009 14:57:14 | Bright | 38.000 | 175 | 39Del Per | 3.0100 | 19400. | 76 | 40388 | No |
| 170 | GOM_NL__2PRFIN20091120_151519_000000412084_00254_40388_1520.N1 | 20-NOV-2009 15:15:19 | Bright | 40.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 81 | 40388 | No |
| 171 | GOM_NL__2PRFIN20091120_151658_000000412084_00254_40388_1521.N1 | 20-NOV-2009 15:16:58 | Bright | 41.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 82 | 40388 | No |
| 172 | GOM_NL__2PRFIN20091120_151823_000000382084_00254_40388_1522.N1 | 20-NOV-2009 15:18:23 | Bright | 38.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 76 | 40388 | No |
| 173 | GOM_NL__2PRFIN20091120_152109_000000482084_00254_40388_1523.N1 | 20-NOV-2009 15:21:09 | Bright | 48.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 96 | 40388 | No |
| 174 | GOM_NL__2PRFIN20091120_152310_000000542084_00254_40388_1524.N1 | 20-NOV-2009 15:23:10 | Bright | 54.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 108 | 40388 | No |
| 175 | GOM_NL__2PRFIN20091120_153133_000000652084_00254_40388_1525.N1 | 20-NOV-2009 15:31:33 | Bright | 65.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 130 | 40388 | No |
| 176 | GOM_NL__2PRFIN20091120_153502_000000552084_00254_40388_1526.N1 | 20-NOV-2009 15:35:02 | Bright | 55.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 110 | 40388 | No |
| 177 | GOM_NL__2PRFIN20091120_154015_000000452084_00254_40388_1527.N1 | 20-NOV-2009 15:40:15 | Tw_i_and_stray | 44.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 89 | 40388 | No |
| 178 | GOM_NL__2PRFIN20091120_154147_000000492084_00254_40388_1528.N1 | 20-NOV-2009 15:41:47 | Twilight | 49.000 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 98 | 40388 | No |
| 179 | GOM_NL__2PRFIN20091120_155110_000000422084_00254_40388_1529.N1 | 20-NOV-2009 15:51:10 | Dark | 41.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 83 | 40388 | No |
| 180 | GOM_NL__2PRFIN20091120_155802_000000462084_00255_40389_1519.N1 | 20-NOV-2009 15:58:02 | Dark | 45.500 | 41 | Eps Car | 1.8600 | 4100.0 | 91 | 40389 | No |
| 181 | GOM_NL__2PRFIN20091120_160033_000000482084_00255_40389_1520.N1 | 20-NOV-2009 16:00:33 | Dark | 48.000 | 70 | Zet Pup | 2.2460 | 39000. | 96 | 40389 | No |
| 182 | GOM_NL__2PRFIN20091120_160332_000000442084_00255_40389_1521.N1 | 20-NOV-2009 16:03:32 | Dark | 44.000 | 2 | Alp Car | -0.73600 | 7000.0 | 88 | 40389 | No |
| 183 | GOM_NL__2PRFIN20091120_161011_000000512084_00255_40389_1522.N1 | 20-NOV-2009 16:10:11 | Dark | 51.000 | 108 | Alp Col | 2.6520 | 15200. | 102 | 40389 | No |
| 184 | GOM_NL__2PRFIN20091120_161854_000000482084_00255_40389_1523.N1 | 20-NOV-2009 16:18:54 | Straylight | 47.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 95 | 40389 | No |
| 185 | GOM_NL__2PRFIN20091120_162422_000000472084_00255_40389_1524.N1 | 20-NOV-2009 16:24:22 | Tw_i_and_stray | 46.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 93 | 40389 | No |
| 186 | GOM_NL__2PRFIN20091120_163056_000000422084_00255_40389_1525.N1 | 20-NOV-2009 16:30:56 | Bright | 41.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 83 | 40389 | No |
| 187 | GOM_NL__2PRFIN20091120_163329_000000412084_00255_40389_1526.N1 | 20-NOV-2009 16:33:29 | Bright | 41.000 | 150 | 44Zet Per | 2.8900 | 28000. | 82 | 40389 | No |
| 188 | GOM_NL__2PRFIN20091120_163514_000000382084_00255_40389_1527.N1 | 20-NOV-2009 16:35:14 | Bright | 38.000 | 79 | 26Bet Per | 2.3100 | 13100. | 76 | 40389 | No |
| 189 | GOM_NL__2PRFIN20091120_163749_000000392084_00255_40389_1528.N1 | 20-NOV-2009 16:37:49 | Bright | 38.500 | 175 | 39Del Per | 3.0100 | 19400. | 77 | 40389 | No |
| 190 | GOM_NL__2PRFIN20091120_165555_000000402084_00255_40389_1529.N1 | 20-NOV-2009 16:55:55 | Bright | 39.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 79 | 40389 | No |
| 191 | GOM_NL__2PRFIN20091120_165733_000000412084_00255_40389_1530.N1 | 20-NOV-2009 16:57:33 | Bright | 40.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 81 | 40389 | No |
| 192 | GOM_NL__2PRFIN20091120_165859_000000392084_00255_40389_1531.N1 | 20-NOV-2009 16:58:59 | Bright | 39.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 78 | 40389 | No |
| 193 | GOM_NL__2PRFIN20091120_170145_000000502084_00255_40389_1532.N1 | 20-NOV-2009 17:01:45 | Bright | 49.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 99 | 40389 | No |
| 194 | GOM_NL__2PRFIN20091120_170346_000000352084_00255_40389_1533.N1 | 20-NOV-2009 17:03:46 | Bright | 34.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 69 | 40389 | No |
| 195 | GOM_NL__2PRFIN20091120_171209_000000652084_00255_40389_1534.N1 | 20-NOV-2009 17:12:09 | Bright | 65.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 130 | 40389 | No |
| 196 | GOM_NL__2PRFIN20091120_171539_000000552084_00255_40389_1535.N1 | 20-NOV-2009 17:15:39 | Bright | 55.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 110 | 40389 | No |
| 197 | GOM_NL__2PRFIN20091120_172051_000000432084_00255_40389_1536.N1 | 20-NOV-2009 17:20:51 | Tw_i_and_stray | 42.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 85 | 40389 | No |
| 198 | GOM_NL__2PRFIN20091120_172224_000000422084_00255_40389_1537.N1 | 20-NOV-2009 17:22:24 | Twilight | 41.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 83 | 40389 | No |
| 199 | GOM_NL__2PRFIN20091120_173146_000000512084_00255_40389_1538.N1 | 20-NOV-2009 17:31:46 | Dark | 50.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 101 | 40389 | No |
| 200 | GOM_NL__2PRFIN20091120_173838_000000482084_00256_40390_1528.N1 | 20-NOV-2009 17:38:38 | Dark | 47.500 | 41 | Eps Car | 1.8600 | 4100.0 | 95 | 40390 | No |
| 201 | GOM_NL__2PRFIN20091120_174111_000000482084_00256_40390_1529.N1 | 20-NOV-2009 17:41:11 | Dark | 48.000 | 70 | Zet Pup | 2.2460 | 39000. | 96 | 40390 | No |
| 202 | GOM_NL__2PRFIN20091120_174408_000000482084_00256_40390_1530.N1 | 20-NOV-2009 17:44:08 | Dark | 48.000 | 2 | Alp Car | -0.73600 | 7000.0 | 96 | 40390 | No |
| 203 | GOM_NL__2PRFIN20091120_175048_000000532084_00256_40390_1531.N1 | 20-NOV-2009 17:50:48 | Dark | 53.000 | 108 | Alp Col | 2.6520 | 15200. | 106 | 40390 | No |
| 204 | GOM_NL__2PRFIN20091120_175931_000000502084_00256_40390_1532.N1 | 20-NOV-2009 17:59:31 | Straylight | 49.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 99 | 40390 | No |
| 205 | GOM_NL__2PRFIN20091120_180458_000000472084_00256_40390_1533.N1 | 20-NOV-2009 18:04:58 | Tw_i_and_stray | 46.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 93 | 40390 | No |
| 206 | GOM_NL__2PRFIN20091120_181132_000000412084_00256_40390_1534.N1 | 20-NOV-2009 18:11:32 | Bright | 41.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 82 | 40390 | No |
| 207 | GOM_NL__2PRFIN20091120_181405_000000422084_00256_40390_1535.N1 | 20-NOV-2009 18:14:05 | Bright | 42.000 | 150 | 44Zet Per | 2.8900 | 28000. | 84 | 40390 | No |
| 208 | GOM_NL__2PRFIN20091120_181550_000000382084_00256_40390_1536.N1 | 20-NOV-2009 18:15:50 | Bright | 38.000 | 79 | 26Bet Per | 2.3100 | 13100. | 76 | 40390 | No |
| 209 | GOM_NL__2PRFIN20091120_181825_000000392084_00256_40390_1537.N1 | 20-NOV-2009 18:18:25 | Bright | 38.500 | 175 | 39Del Per | 3.0100 | 19400. | 77 | 40390 | No |
| 210 | GOM_NL__2PRFIN20091120_183631_000000452084_00256_40390_1538.N1 | 20-NOV-2009 18:36:31 | Bright | 44.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 89 | 40390 | No |
| 211 | GOM_NL__2PRFIN20091120_183809_000000442084_00256_40390_1539.N1 | 20-NOV-2009 18:38:09 | Bright | 43.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 87 | 40390 | No |
| 212 | GOM_NL__2PRFIN20091120_183935_000000442084_00256_40390_1540.N1 | 20-NOV-2009 18:39:35 | Bright | 44.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 88 | 40390 | No |
| 213 | GOM_NL__2PRFIN20091120_184220_000000672084_00256_40390_1541.N1 | 20-NOV-2009 18:42:20 | Bright | 67.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 134 | 40390 | No |
| 214 | GOM_NL__2PRFIN20091120_184422_000000502084_00256_40390_1542.N1 | 20-NOV-2009 18:44:22 | Bright | 49.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 99 | 40390 | No |
| 215 | GOM_NL__2PRFIN20091120_185246_000000452084_00256_40390_1543.N1 | 20-NOV-2009 18:52:46 | Bright | 45.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 90 | 40390 | No |
| 216 | GOM_NL__2PRFIN20091120_185615_000000552084_00256_40390_1544.N1 | 20-NOV-2009 18:56:15 | Bright | 55.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 110 | 40390 | No |
| 217 | GOM_NL__2PRFIN20091120_190127_000000452084_00256_40390_1545.N1 | 20-NOV-2009 19:01:27 | Tw_i_and_stray | 44.500 | 100 | 4Gam Crv | 2.5800 | 13100. | 89 | 40390 | No |
| 218 | GOM_NL__2PRFIN20091120_190300_000000472084_00256_40390_1546.N1 | 20-NOV-2009 19:03:00 | Twilight | 46.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 93 | 40390 | No |
| 219 | GOM_NL__2PRFIN20091120_191223_000000482084_00256_40390_1547.N1 | 20-NOV-2009 19:12:23 | Dark | 47.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 95 | 40390 | No |

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|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20091120_191915_000000552084_00257_40391_1537.N1 | 20-NOV-2009 19:19:15 | Dark | 54.500 | 41 | Eps Car | 1.8600 | 4100.0 | 109 | 40391 | No |
| 221 | GOM_NL__2PRFIN20091120_192148_000000482084_00257_40391_1538.N1 | 20-NOV-2009 19:21:48 | Dark | 48.000 | 70 | Zet Pup | 2.2460 | 39000. | 96 | 40391 | No |
| 222 | GOM_NL__2PRFIN20091120_192445_000000472084_00257_40391_1539.N1 | 20-NOV-2009 19:24:45 | Dark | 46.500 | 2 | Alp Car | -0.73600 | 7000.0 | 93 | 40391 | No |
| 223 | GOM_NL__2PRFIN20091120_193124_000000522084_00257_40391_1540.N1 | 20-NOV-2009 19:31:24 | Dark | 51.500 | 108 | Alp Col | 2.6520 | 15200. | 103 | 40391 | No |
| 224 | GOM_NL__2PRFIN20091120_194007_000000482084_00257_40391_1541.N1 | 20-NOV-2009 19:40:07 | Straylight | 48.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 96 | 40391 | No |
| 225 | GOM_NL__2PRFIN20091120_194534_000000502084_00257_40391_1542.N1 | 20-NOV-2009 19:45:34 | Tw_i_and_stray | 49.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 99 | 40391 | No |
| 226 | GOM_NL__2PRFIN20091120_195207_000000422084_00257_40391_1543.N1 | 20-NOV-2009 19:52:07 | Bright | 41.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 83 | 40391 | No |
| 227 | GOM_NL__2PRFIN20091120_195440_000000412084_00257_40391_1544.N1 | 20-NOV-2009 19:54:40 | Bright | 40.500 | 150 | 44Zet Per | 2.8900 | 28000. | 81 | 40391 | No |
| 228 | GOM_NL__2PRFIN20091120_195626_000000392084_00257_40391_1545.N1 | 20-NOV-2009 19:56:26 | Bright | 39.000 | 79 | 26Bet Per | 2.3100 | 13100. | 78 | 40391 | No |
| 229 | GOM_NL__2PRFIN20091120_195900_000000392084_00257_40391_1546.N1 | 20-NOV-2009 19:59:00 | Bright | 38.500 | 175 | 39Del Per | 3.0100 | 19400. | 77 | 40391 | No |
| 230 | GOM_NL__2PRFIN20091120_201706_000000472084_00257_40391_1547.N1 | 20-NOV-2009 20:17:06 | Bright | 47.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 94 | 40391 | No |
| 231 | GOM_NL__2PRFIN20091120_201845_000000472084_00257_40391_1548.N1 | 20-NOV-2009 20:18:45 | Bright | 46.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 93 | 40391 | No |
| 232 | GOM_NL__2PRFIN20091120_202011_000000402084_00257_40391_1549.N1 | 20-NOV-2009 20:20:11 | Bright | 39.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 79 | 40391 | No |
| 233 | GOM_NL__2PRFIN20091120_202256_000000442084_00257_40391_1550.N1 | 20-NOV-2009 20:22:56 | Bright | 43.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 87 | 40391 | No |
| 234 | GOM_NL__2PRFIN20091120_202458_000000352084_00257_40391_1551.N1 | 20-NOV-2009 20:24:58 | Bright | 34.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 69 | 40391 | No |
| 235 | GOM_NL__2PRFIN20091120_203322_000000472084_00257_40391_1552.N1 | 20-NOV-2009 20:33:22 | Bright | 46.500 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 93 | 40391 | No |
| 236 | GOM_NL__2PRFIN20091120_203651_000000392084_00257_40391_1553.N1 | 20-NOV-2009 20:36:51 | Bright | 38.500 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 77 | 40391 | No |
| 237 | GOM_NL__2PRFIN20091120_204204_000000432084_00257_40391_1554.N1 | 20-NOV-2009 20:42:04 | Tw_i_and_stray | 43.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 86 | 40391 | No |
| 238 | GOM_NL__2PRFIN20091120_204337_000000472084_00257_40391_1555.N1 | 20-NOV-2009 20:43:37 | Twilight | 46.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 93 | 40391 | No |
| 239 | GOM_NL__2PRFIN20091120_205300_000000422084_00257_40391_1556.N1 | 20-NOV-2009 20:53:00 | Dark | 41.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 83 | 40391 | No |
| 240 | GOM_NL__2PRFIN20091120_205951_000000432084_00258_40392_1546.N1 | 20-NOV-2009 20:59:51 | Dark | 43.000 | 41 | Eps Car | 1.8600 | 4100.0 | 86 | 40392 | No |
| 241 | GOM_NL__2PRFIN20091120_210225_000000482084_00258_40392_1547.N1 | 20-NOV-2009 21:02:25 | Dark | 48.000 | 70 | Zet Pup | 2.2460 | 39000. | 96 | 40392 | No |
| 242 | GOM_NL__2PRFIN20091120_210521_000000602084_00258_40392_1548.N1 | 20-NOV-2009 21:05:21 | Dark | 59.500 | 2 | Alp Car | -0.73600 | 7000.0 | 119 | 40392 | No |
| 243 | GOM_NL__2PRFIN20091120_211201_000000522084_00258_40392_1549.N1 | 20-NOV-2009 21:12:01 | Dark | 52.000 | 108 | Alp Col | 2.6520 | 15200. | 104 | 40392 | No |
| 244 | GOM_NL__2PRFIN20091120_212043_000000482084_00258_40392_1550.N1 | 20-NOV-2009 21:20:43 | Straylight | 48.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 96 | 40392 | No |
| 245 | GOM_NL__2PRFIN20091120_212610_000000462084_00258_40392_1551.N1 | 20-NOV-2009 21:26:10 | Tw_i_and_stray | 46.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 92 | 40392 | No |
| 246 | GOM_NL__2PRFIN20091120_213243_000000402084_00258_40392_1552.N1 | 20-NOV-2009 21:32:43 | Bright | 39.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 79 | 40392 | No |
| 247 | GOM_NL__2PRFIN20091120_213516_000000432084_00258_40392_1553.N1 | 20-NOV-2009 21:35:16 | Bright | 42.500 | 150 | 44Zet Per | 2.8900 | 28000. | 85 | 40392 | No |
| 248 | GOM_NL__2PRFIN20091120_213702_000000402084_00258_40392_1554.N1 | 20-NOV-2009 21:37:02 | Bright | 39.500 | 79 | 26Bet Per | 2.3100 | 13100. | 79 | 40392 | No |
| 249 | GOM_NL__2PRFIN20091120_213936_000000382084_00258_40392_1555.N1 | 20-NOV-2009 21:39:36 | Bright | 38.000 | 175 | 39Del Per | 3.0100 | 19400. | 76 | 40392 | No |
| 250 | GOM_NL__2PRFIN20091120_215742_000000452084_00258_40392_1556.N1 | 20-NOV-2009 21:57:42 | Bright | 44.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 89 | 40392 | No |
| 251 | GOM_NL__2PRFIN20091120_215920_000000482084_00258_40392_1557.N1 | 20-NOV-2009 21:59:20 | Bright | 48.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 96 | 40392 | No |
| 252 | GOM_NL__2PRFIN20091120_220047_000000382084_00258_40392_1558.N1 | 20-NOV-2009 22:00:47 | Bright | 38.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 76 | 40392 | No |
| 253 | GOM_NL__2PRFIN20091120_220332_000000482084_00258_40392_1559.N1 | 20-NOV-2009 22:03:32 | Bright | 48.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 96 | 40392 | No |
| 254 | GOM_NL__2PRFIN20091120_220534_000000442084_00258_40392_1560.N1 | 20-NOV-2009 22:05:34 | Bright | 43.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 87 | 40392 | No |
| 255 | GOM_NL__2PRFIN20091120_221358_000000562084_00258_40392_1561.N1 | 20-NOV-2009 22:13:58 | Bright | 56.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 112 | 40392 | No |
| 256 | GOM_NL__2PRFIN20091120_221728_000000552084_00258_40392_1562.N1 | 20-NOV-2009 22:17:28 | Bright | 54.500 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 109 | 40392 | No |
| 257 | GOM_NL__2PRFIN20091120_222240_000000432084_00258_40392_1563.N1 | 20-NOV-2009 22:22:40 | Tw_i_and_stray | 43.000 | 100 | 4Gam Crv | 2.5800 | 13100. | 86 | 40392 | No |
| 258 | GOM_NL__2PRFIN20091120_222413_000000462084_00258_40392_1564.N1 | 20-NOV-2009 22:24:13 | Twilight | 45.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 91 | 40392 | No |
| 259 | GOM_NL__2PRFIN20091120_223336_000000442084_00258_40392_1565.N1 | 20-NOV-2009 22:33:36 | Dark | 43.500 | 113 | Mu Vel | 2.6920 | 5000.0 | 87 | 40392 | No |
| 260 | GOM_NL__2PRFIN20091120_224028_000000502084_00259_40393_1555.N1 | 20-NOV-2009 22:40:28 | Dark | 49.500 | 41 | Eps Car | 1.8600 | 4100.0 | 99 | 40393 | No |
| 261 | GOM_NL__2PRFIN20091120_224302_000000482084_00259_40393_1556.N1 | 20-NOV-2009 22:43:02 | Dark | 48.000 | 70 | Zet Pup | 2.2460 | 39000. | 96 | 40393 | No |
| 262 | GOM_NL__2PRFIN20091120_224558_000000472084_00259_40393_1557.N1 | 20-NOV-2009 22:45:58 | Dark | 47.000 | 2 | Alp Car | -0.73600 | 7000.0 | 94 | 40393 | No |
| 263 | GOM_NL__2PRFIN20091120_225237_000000512084_00259_40393_1558.N1 | 20-NOV-2009 22:52:37 | Dark | 51.000 | 108 | Alp Col | 2.6520 | 15200. | 102 | 40393 | No |
| 264 | GOM_NL__2PRFIN20091120_230118_000000512084_00259_40393_1559.N1 | 20-NOV-2009 23:01:18 | Straylight | 50.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 101 | 40393 | No |
| 265 | GOM_NL__2PRFIN20091120_230646_000000472084_00259_40393_1560.N1 | 20-NOV-2009 23:06:46 | Tw_i_and_stray | 47.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 94 | 40393 | No |
| 266 | GOM_NL__2PRFIN20091120_231318_000000412084_00259_40393_1561.N1 | 20-NOV-2009 23:13:18 | Bright | 40.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 81 | 40393 | No |
| 267 | GOM_NL__2PRFIN20091120_231551_000000412084_00259_40393_1562.N1 | 20-NOV-2009 23:15:51 | Bright | 41.000 | 150 | 44Zet Per | 2.8900 | 28000. | 82 | 40393 | No |
| 268 | GOM_NL__2PRFIN20091120_231737_000000372084_00259_40393_1563.N1 | 20-NOV-2009 23:17:37 | Bright | 36.500 | 79 | 26Bet Per | 2.3100 | 13100. | 73 | 40393 | No |
| 269 | GOM_NL__2PRFIN20091120_232011_000000392084_00259_40393_1564.N1 | 20-NOV-2009 23:20:11 | Bright | 38.500 | 175 | 39Del Per | 3.0100 | 19400. | 77 | 40393 | No |
| 270 | GOM_NL__2PRFIN20091120_233817_000000392084_00259_40393_1565.N1 | 20-NOV-2009 23:38:17 | Bright | 39.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 78 | 40393 | No |
| 271 | GOM_NL__2PRFIN20091120_233956_000000432084_00259_40393_1566.N1 | 20-NOV-2009 23:39:56 | Bright | 42.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 85 | 40393 | No |
| 272 | GOM_NL__2PRFIN20091120_234122_000000582084_00259_40393_1567.N1 | 20-NOV-2009 23:41:22 | Bright | 58.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 116 | 40393 | No |
| 273 | GOM_NL__2PRFIN20091120_234408_000000462084_00259_40393_1568.N1 | 20-NOV-2009 23:44:08 | Bright | 46.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 92 | 40393 | No |
| 274 | GOM_NL__2PRFIN20091120_234610_000000372084_00259_40393_1569.N1 | 20-NOV-2009 23:46:10 | Bright | 37.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 74 | 40393 | No |
| 275 | GOM_NL__2PRFIN20091120_235435_000000482084_00259_40393_1570.N1 | 20-NOV-2009 23:54:35 | Bright | 48.000 | 62 | 94Bet Leo | 2.1360 | 9700.0 | 96 | 40393 | No |
| 276 | GOM_NL__2PRFIN20091120_235804_000000382084_00259_40393_1571.N1 | 20-NOV-2009 23:58:04 | Bright | 38.000 | 121 | 29Gam Vir | 2.7400 | 7200.0 | 76 | 40393 | No |

3. Quality information per product

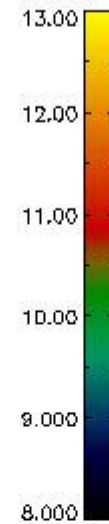
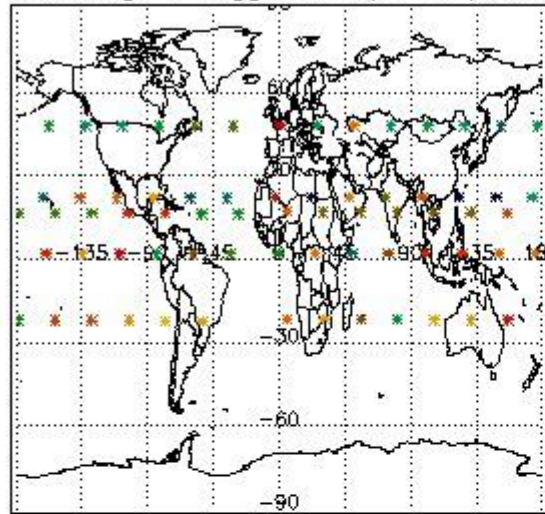
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

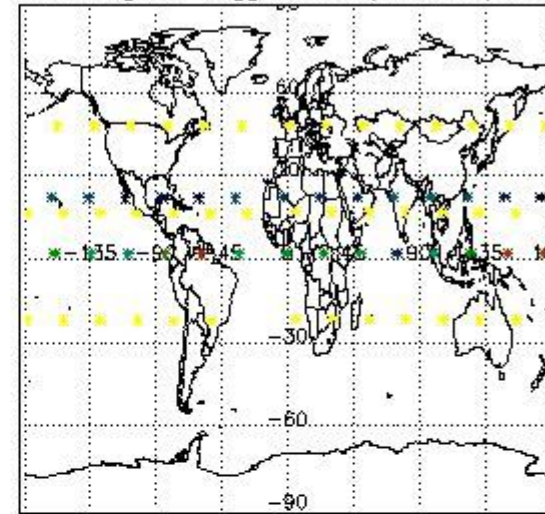


3.2 Plot quality information per product (world map)

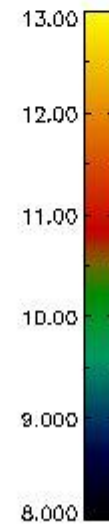
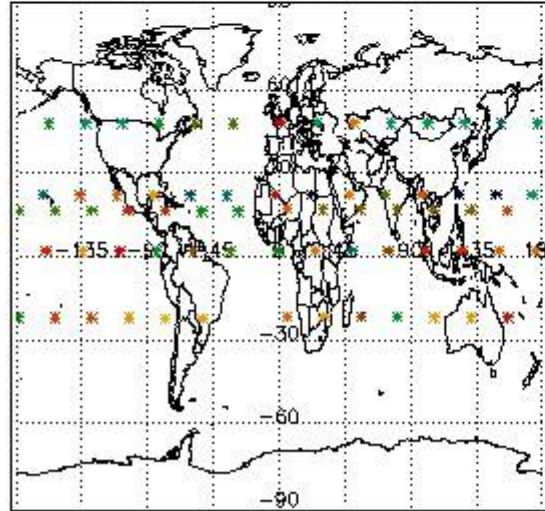
Percentage of flagged data per O3 profile



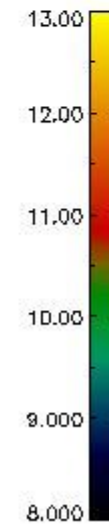
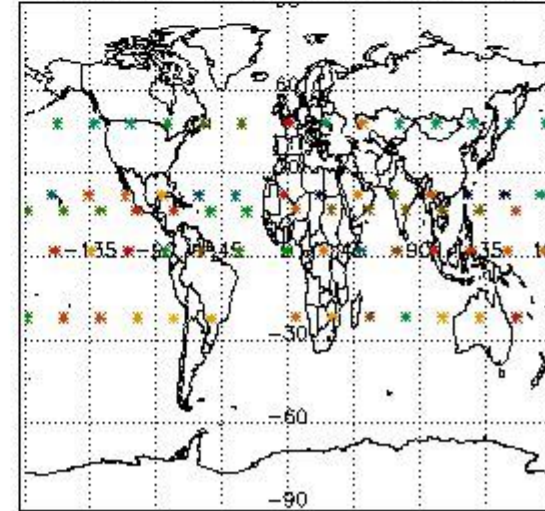
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

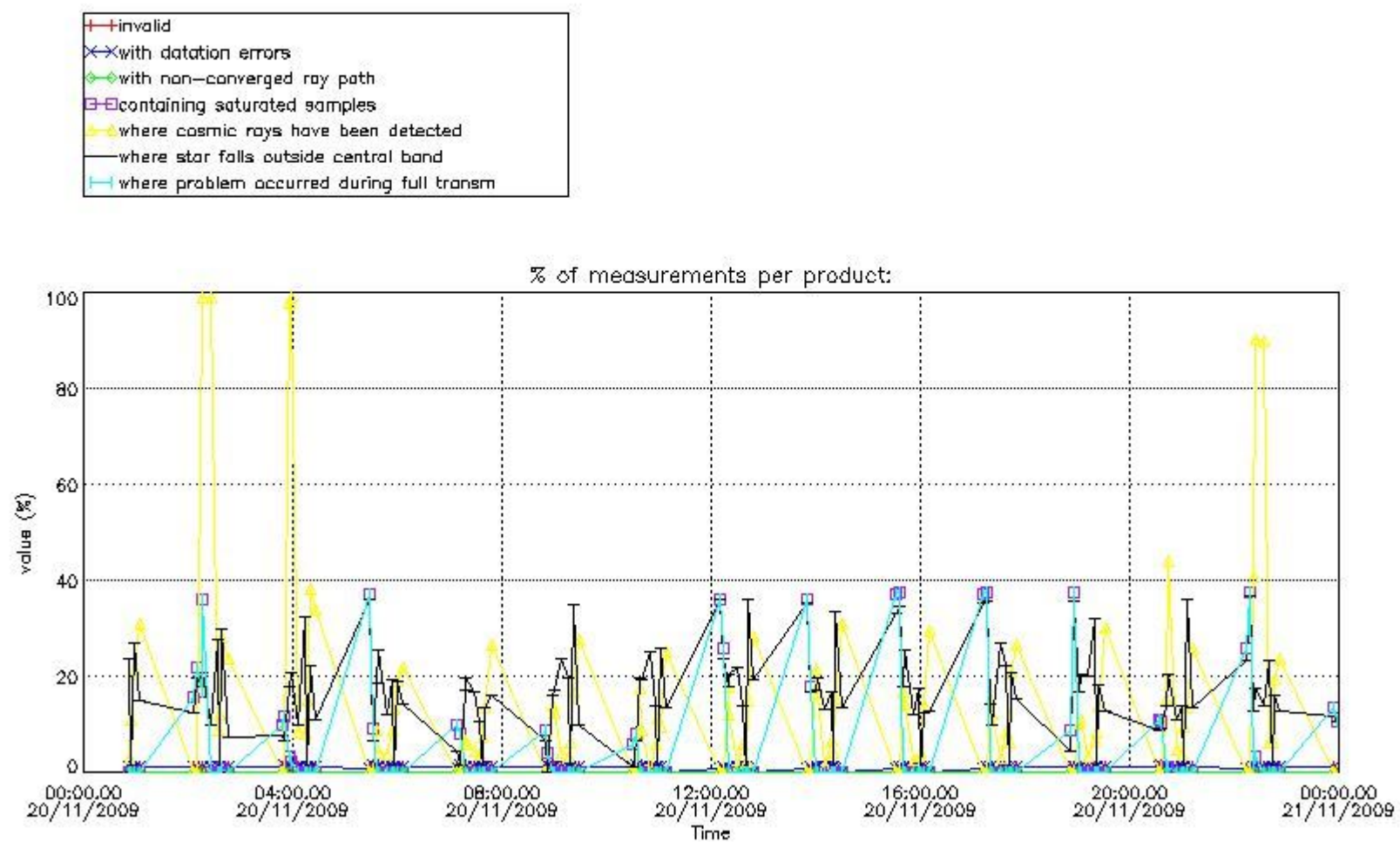


4. Level 1 quality information per product

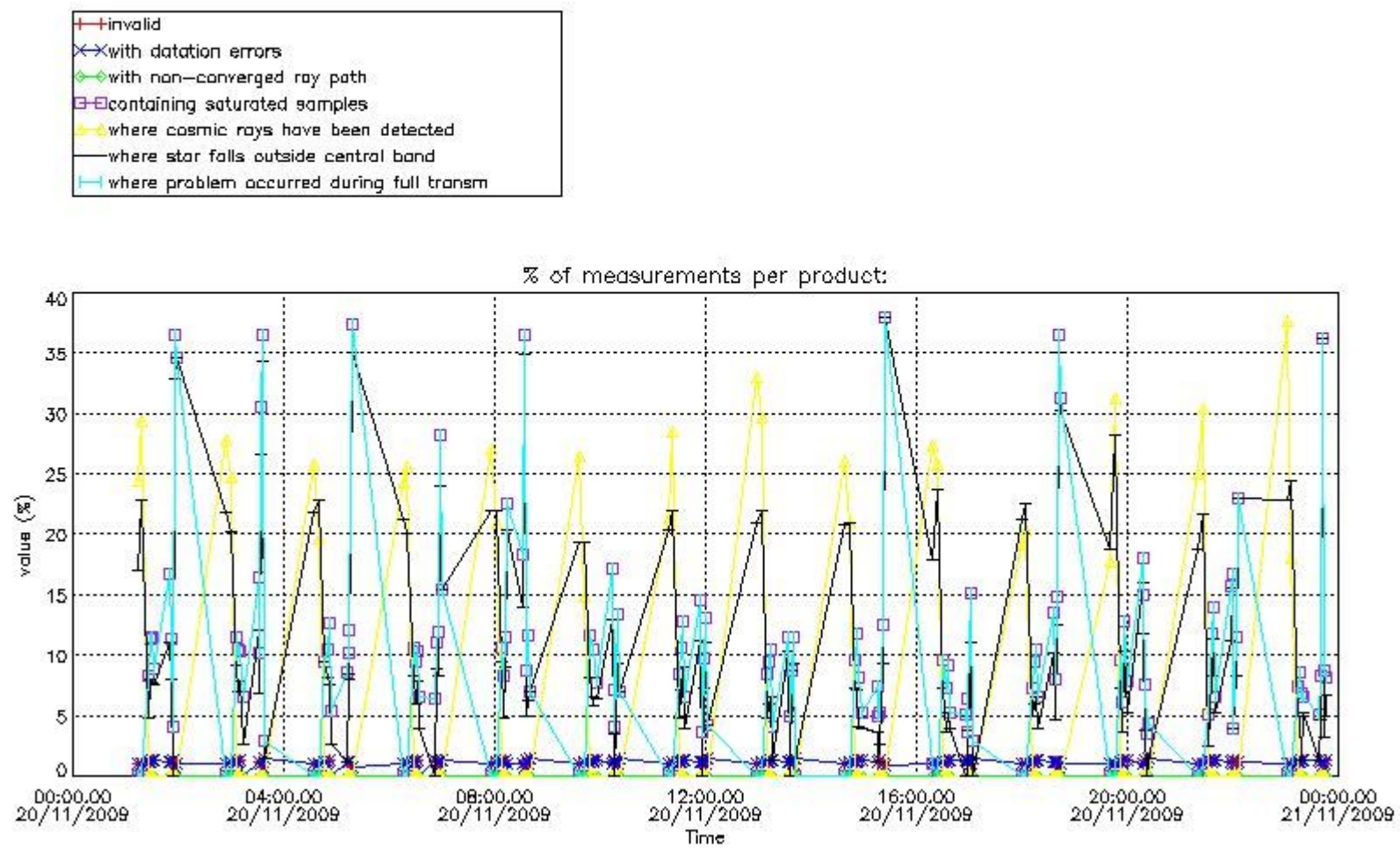
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



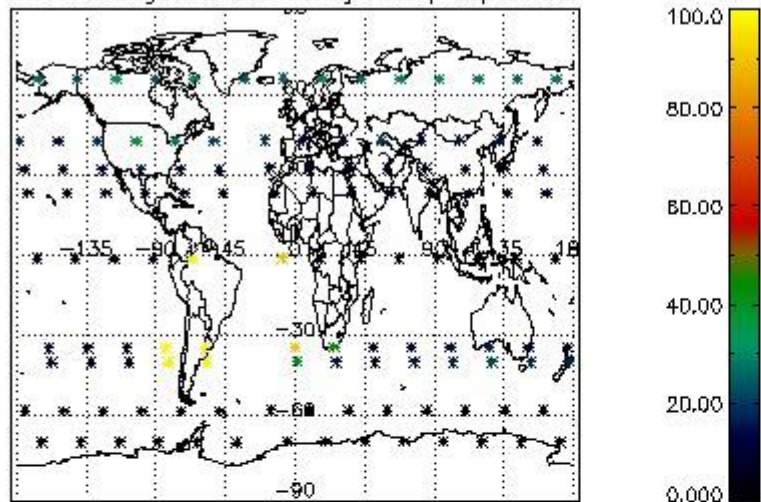
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



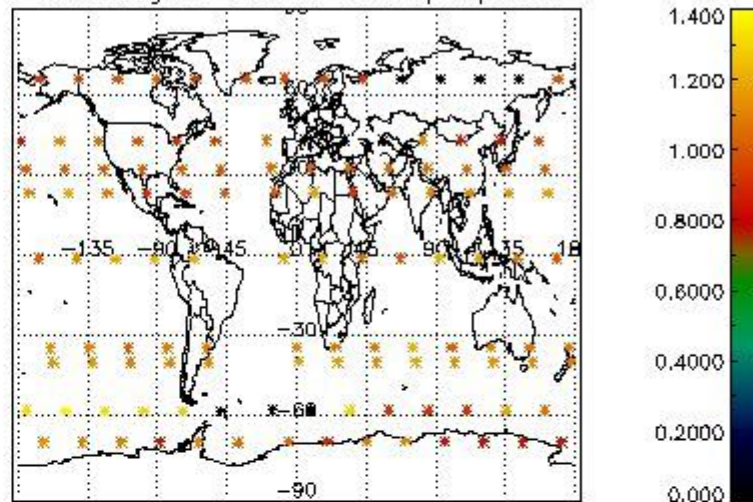
4.2 Plot quality information per product coming from level 1b processing (world map)

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

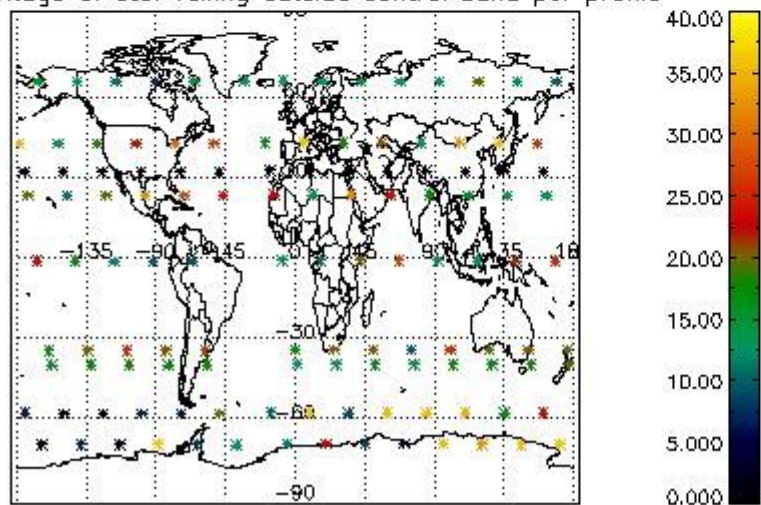
Percentage of cosmic ray hits per profile



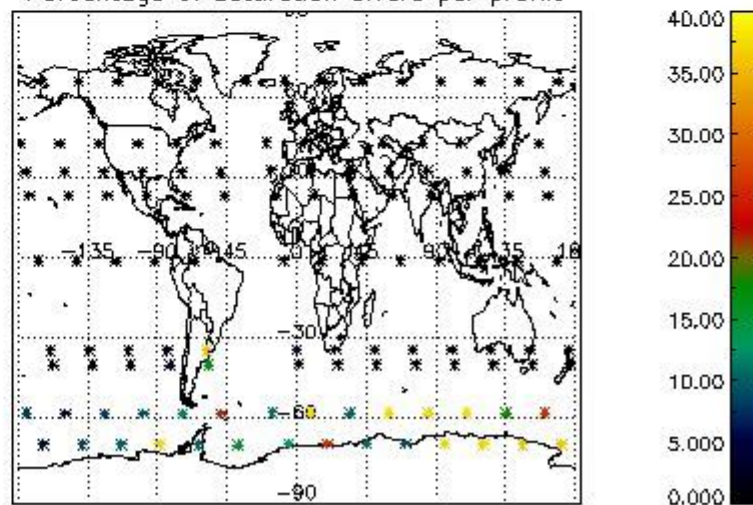
Percentage of datation errors per profile



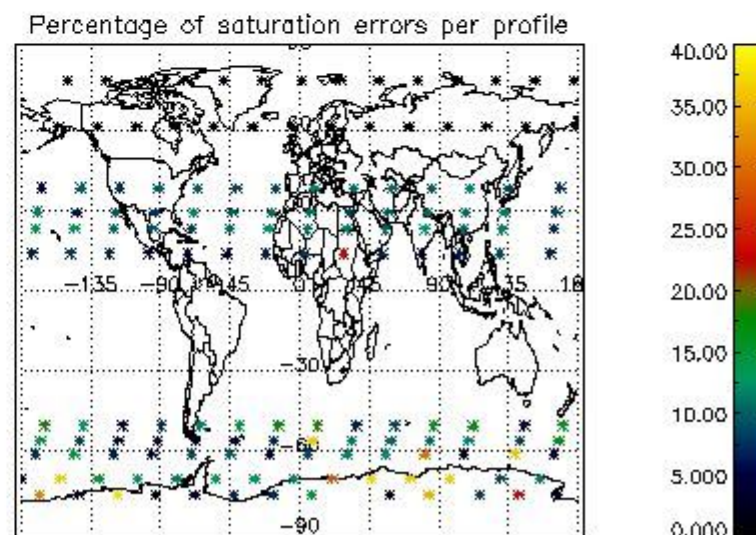
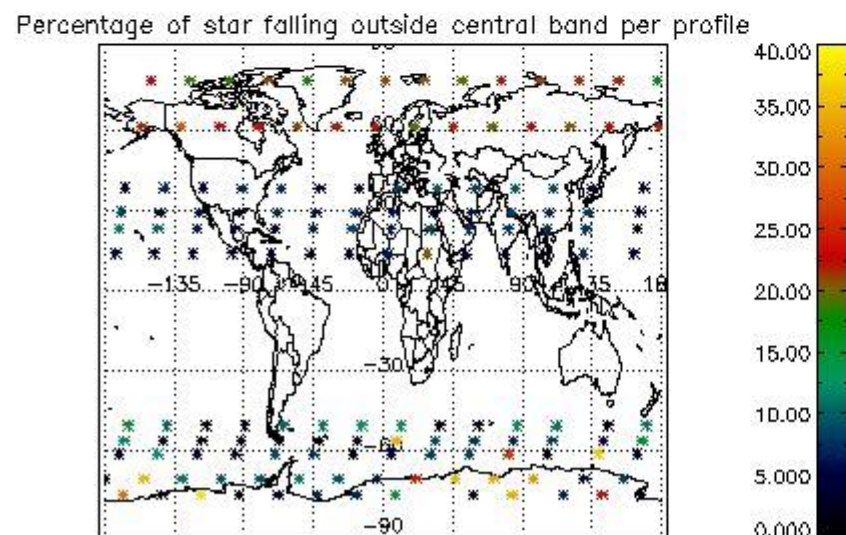
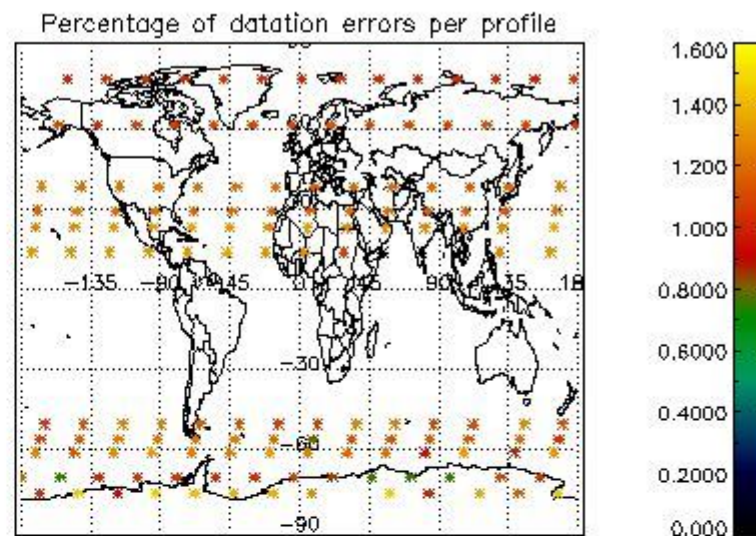
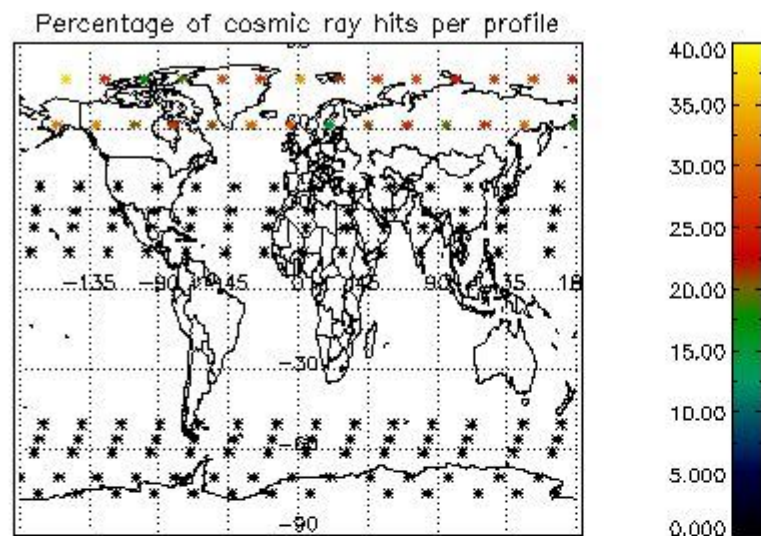
Percentage of star falling outside central band per profile



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

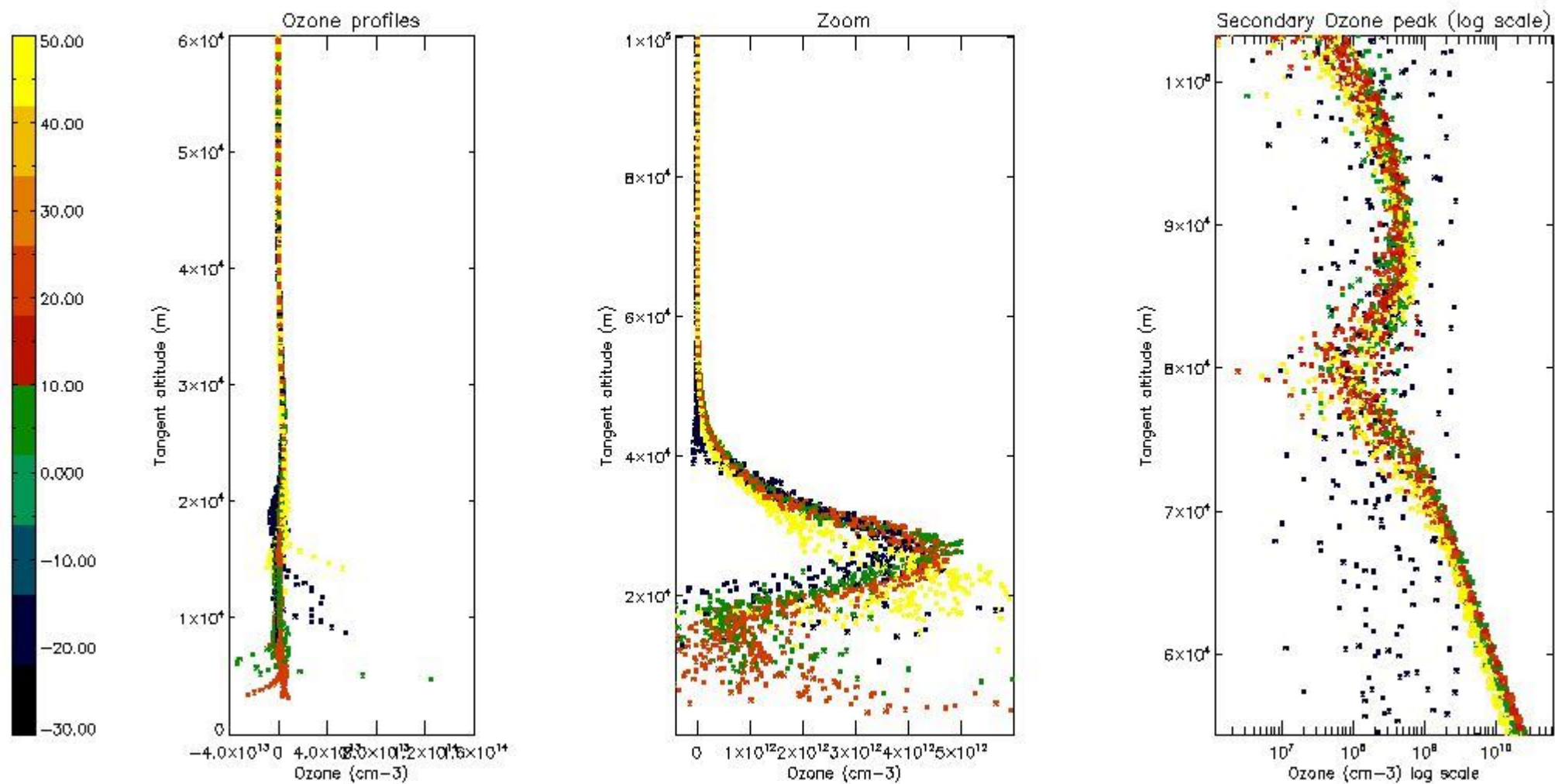
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 28 |
| STD < 20 | 15 |

| | |
|----------|----|
| STD < 10 | 12 |
| STD < 5 | 7 |

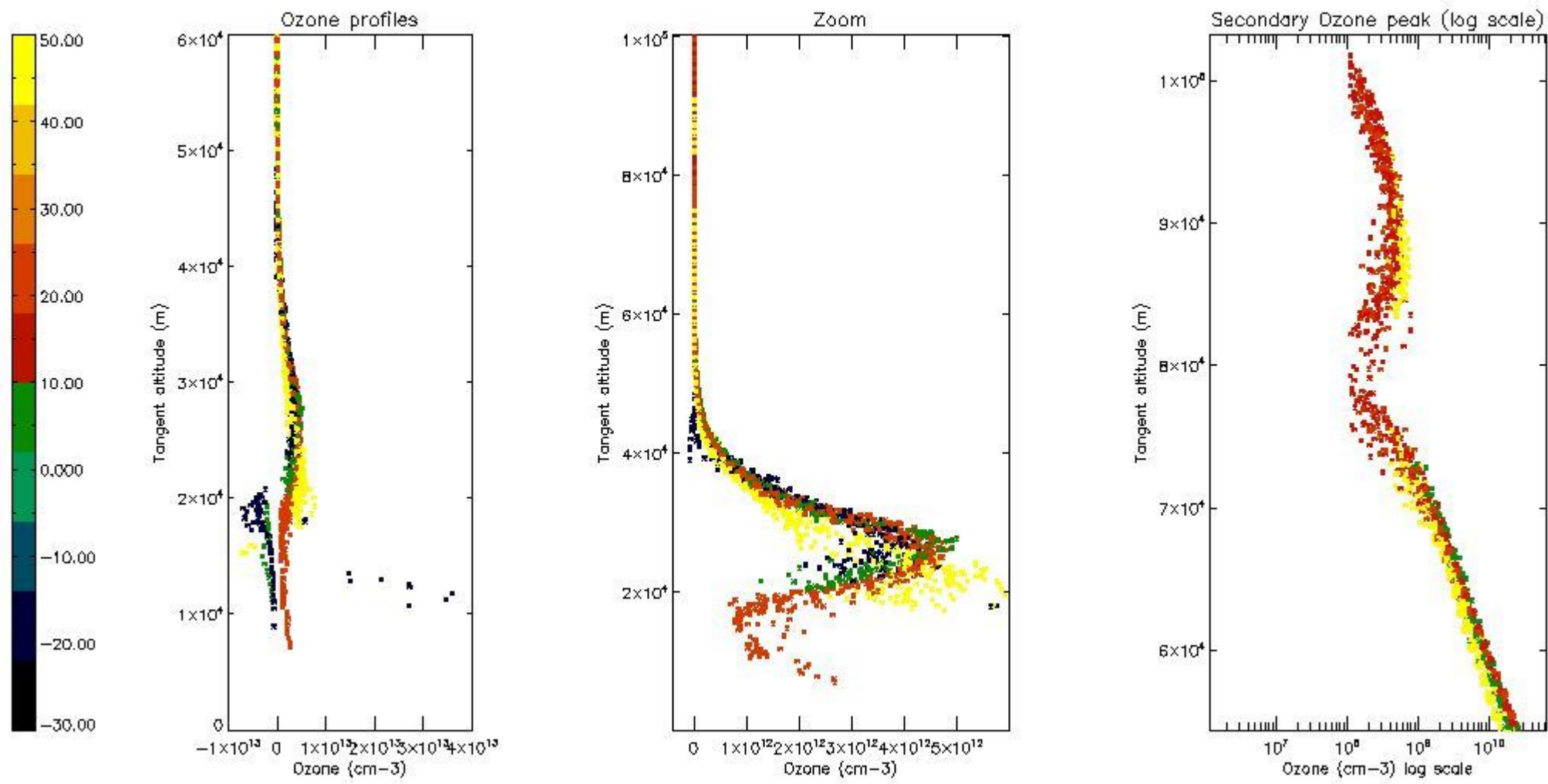
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



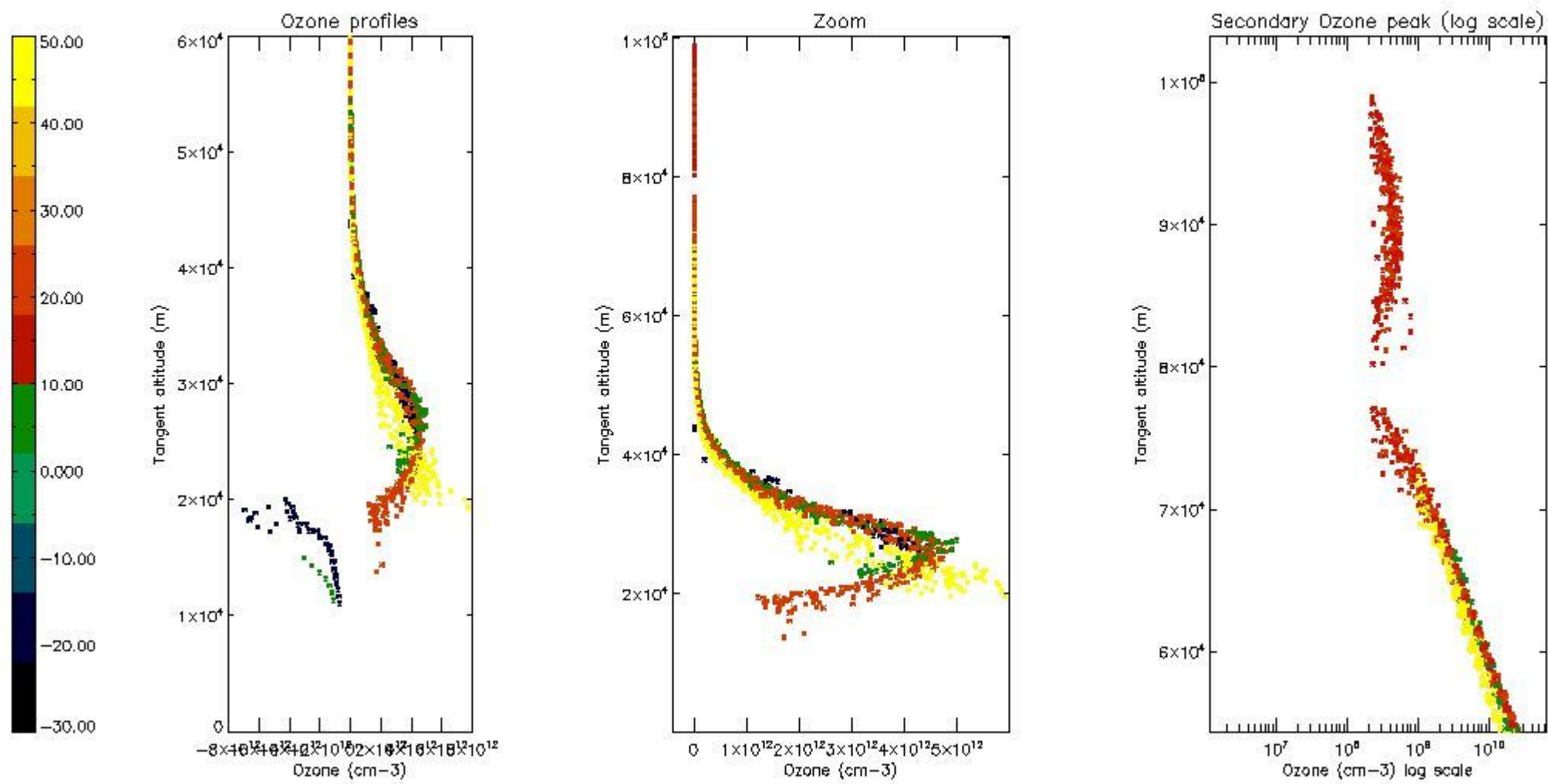
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



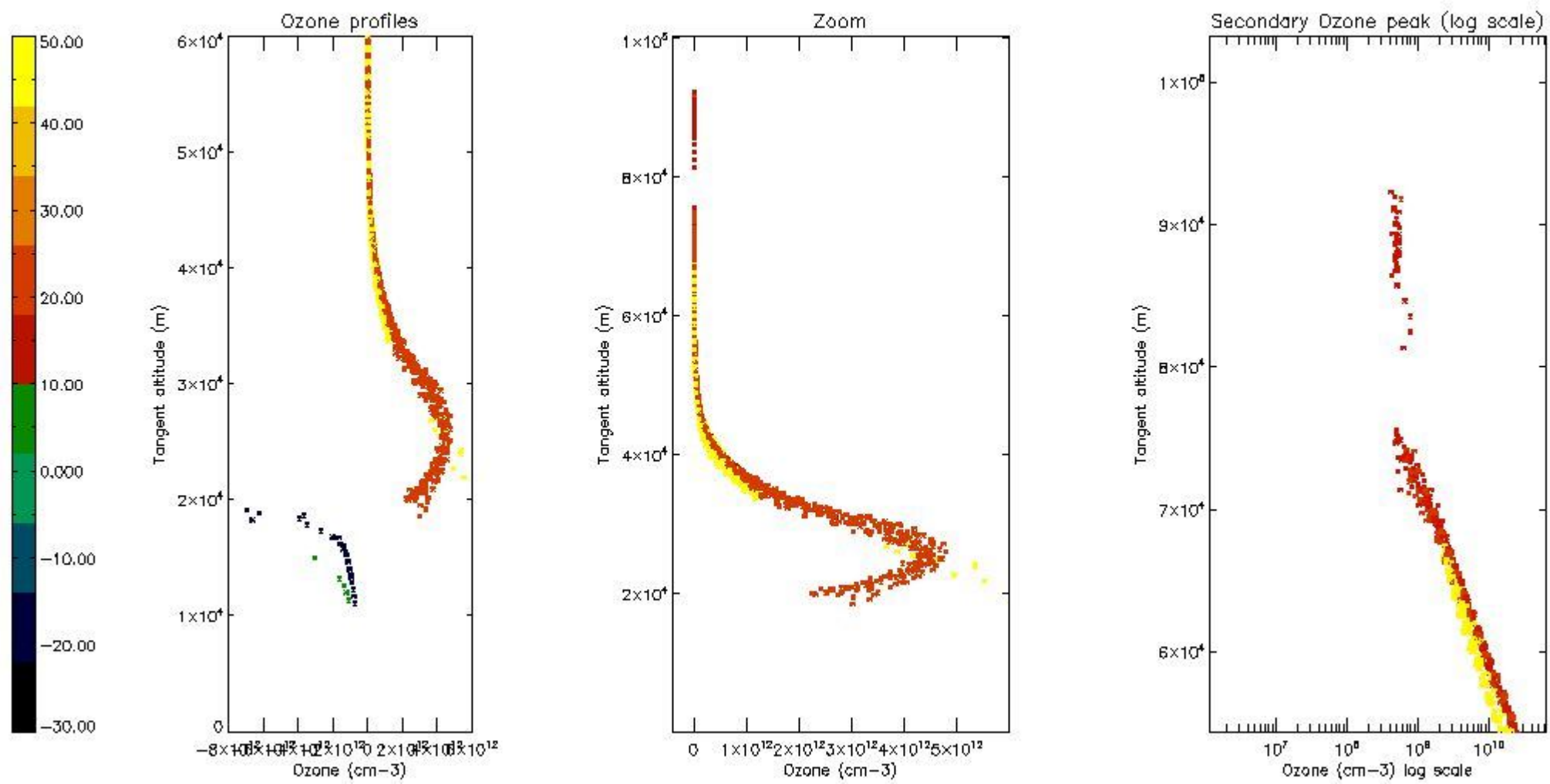
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



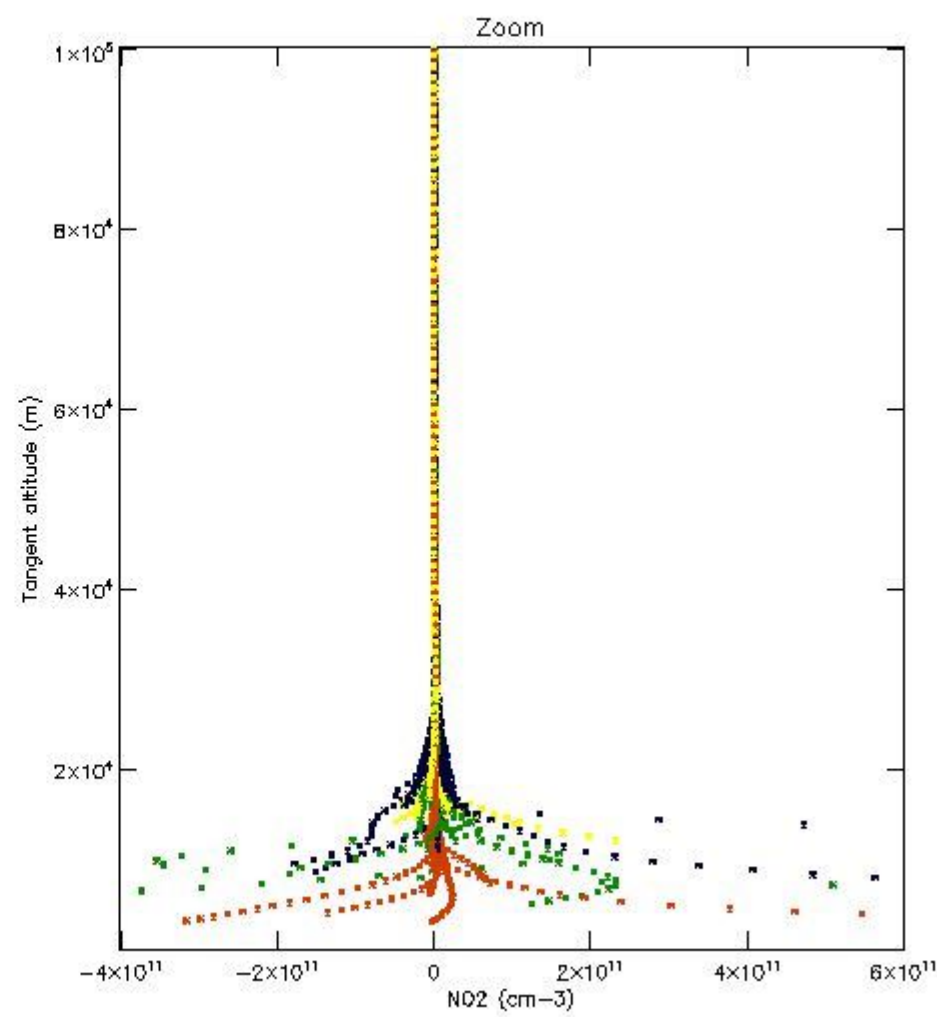
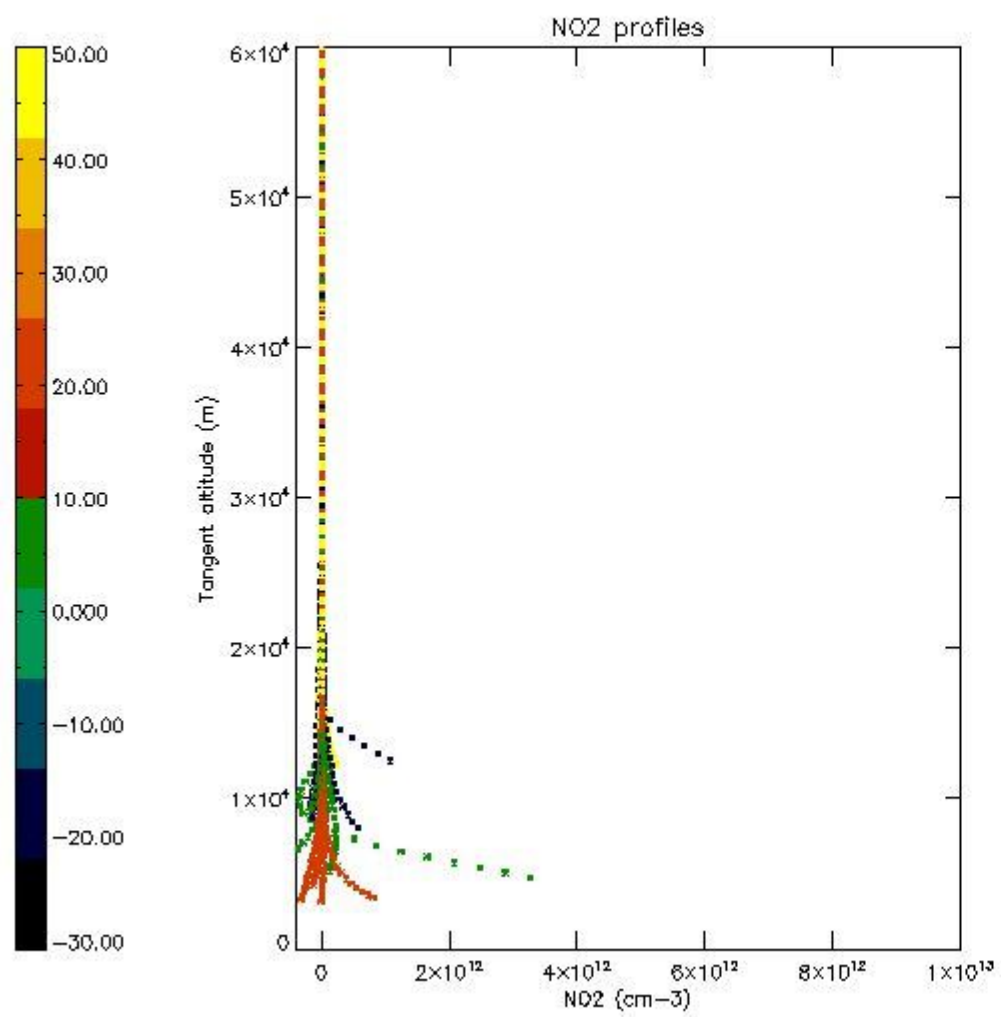
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



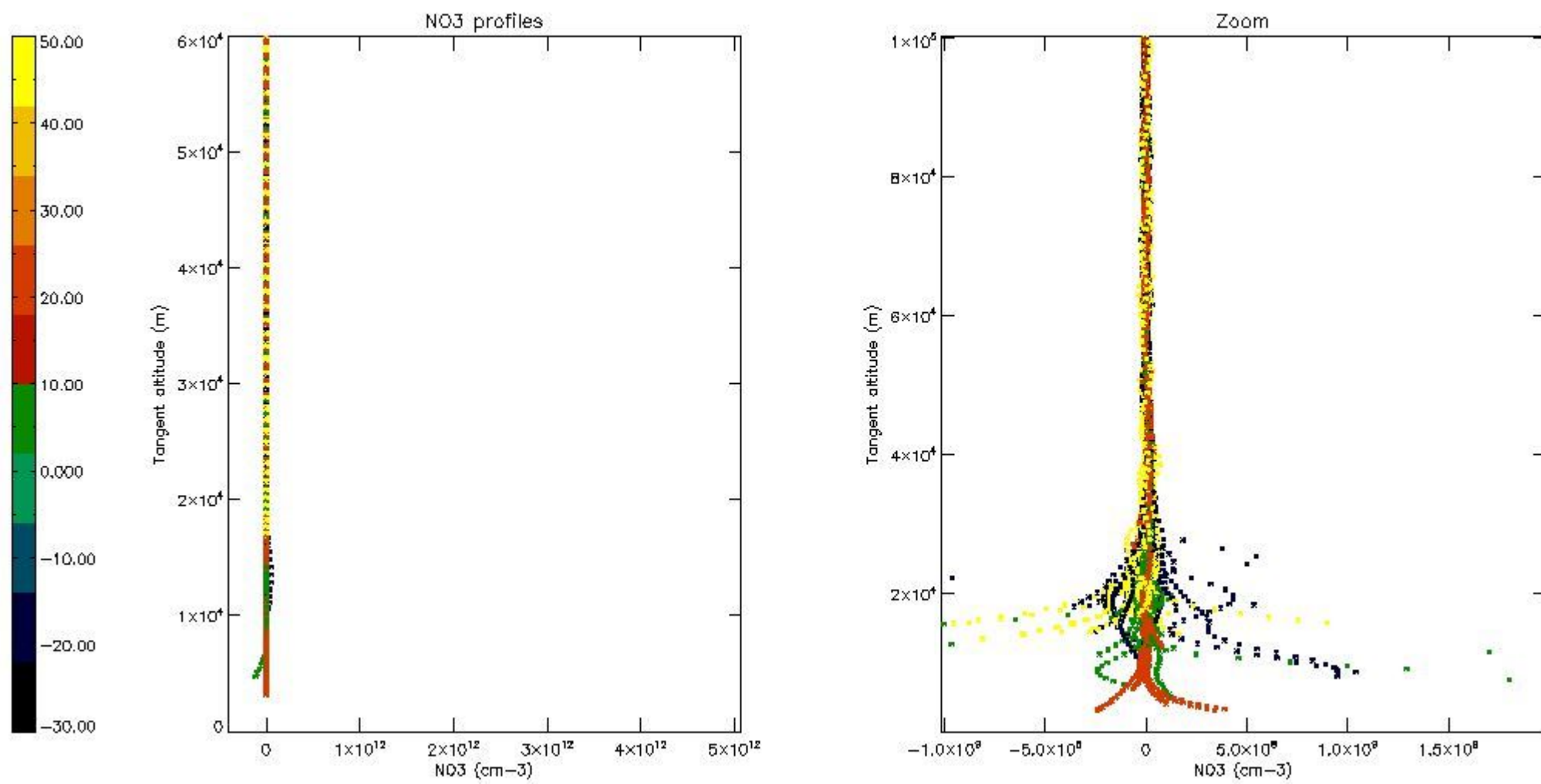
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



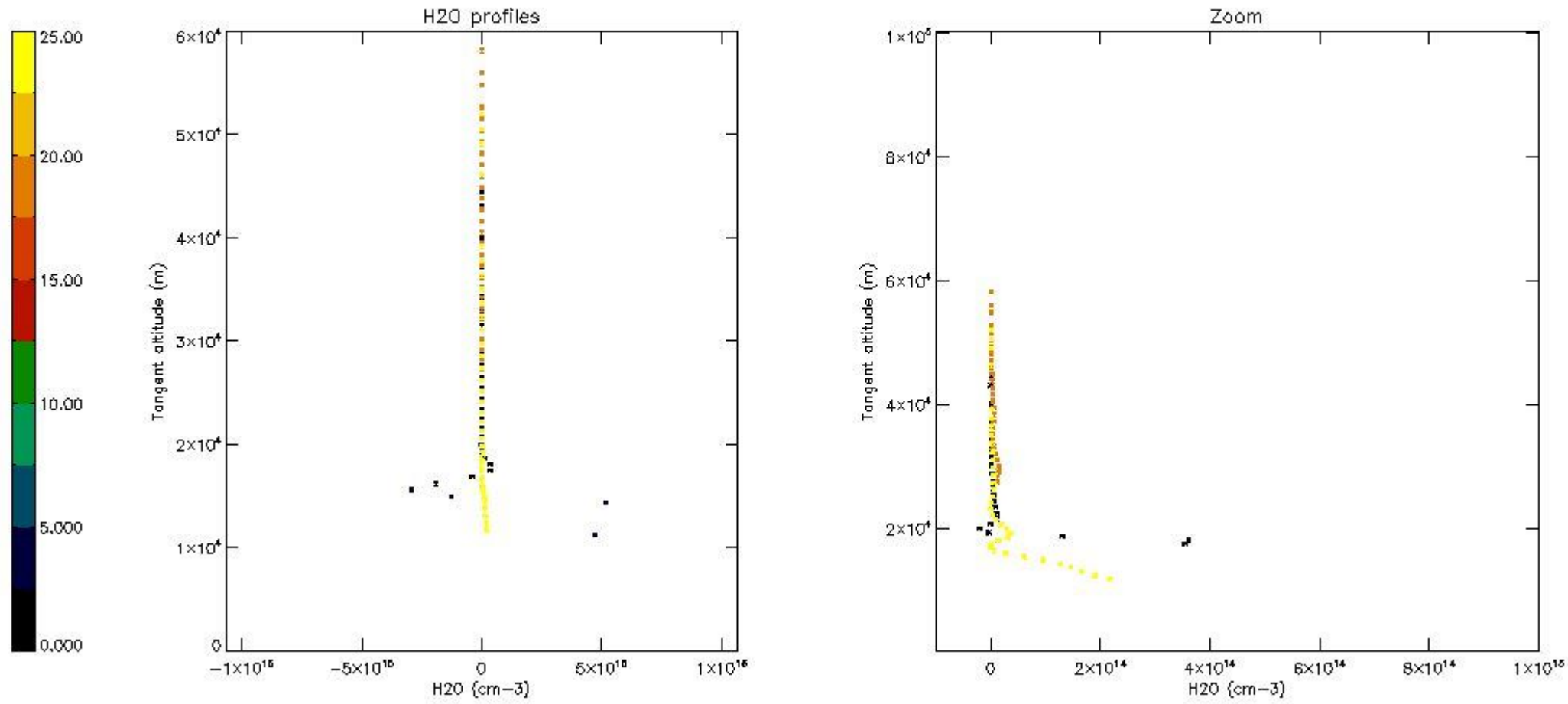
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

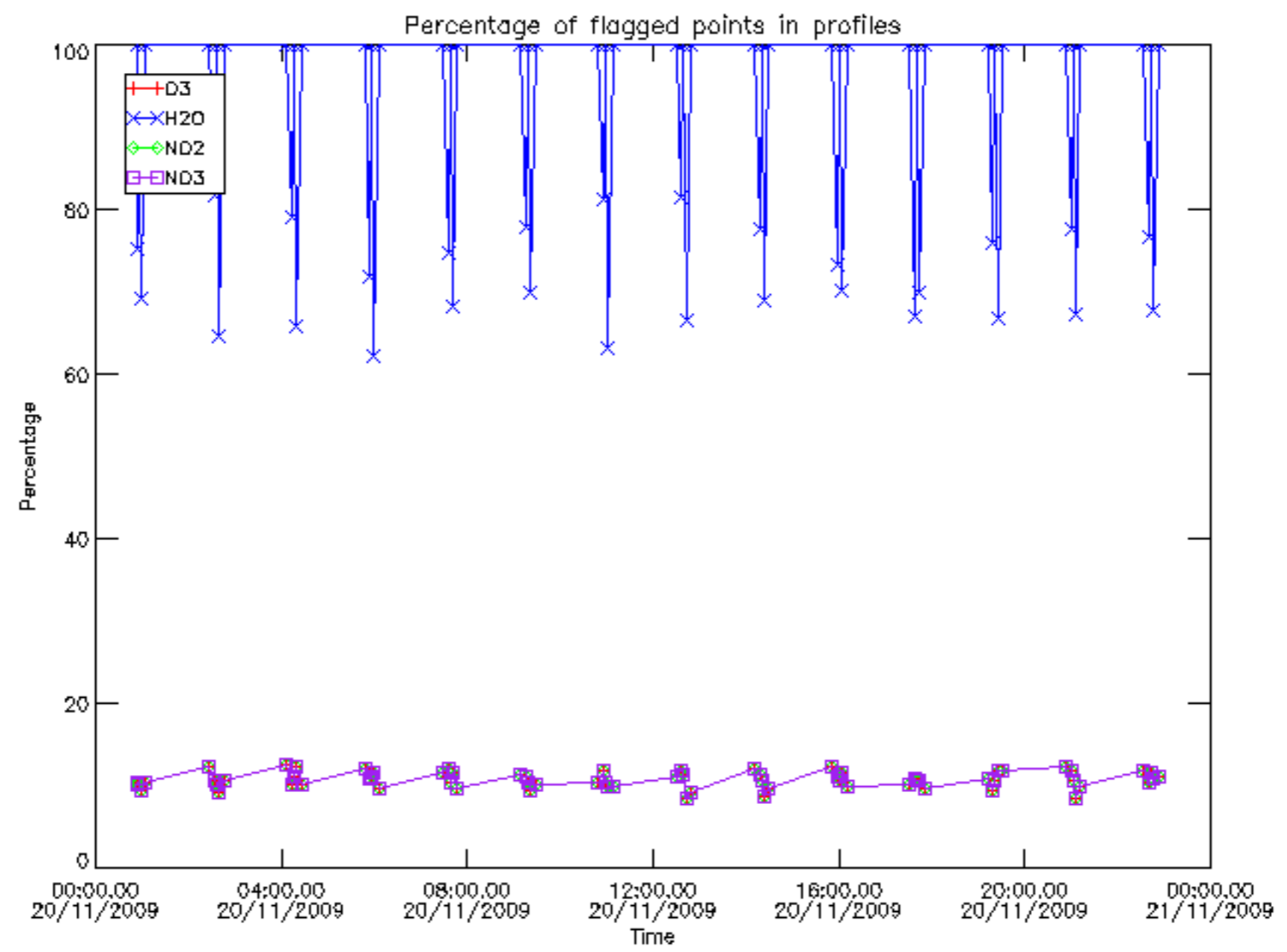
The colorbar represents the latitude.



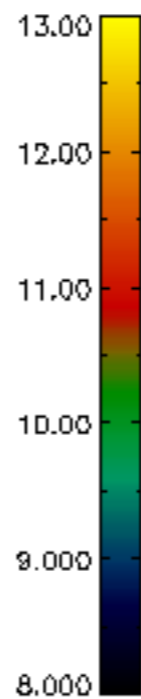
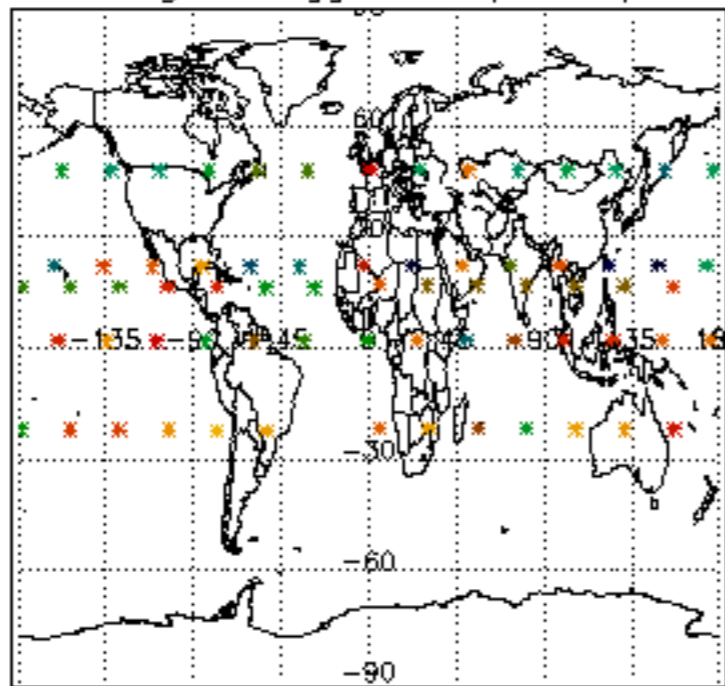
6. Auxiliary Data Files used for the production reported in section 2

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.

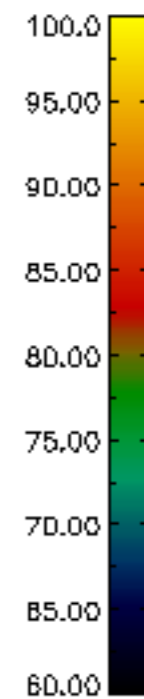
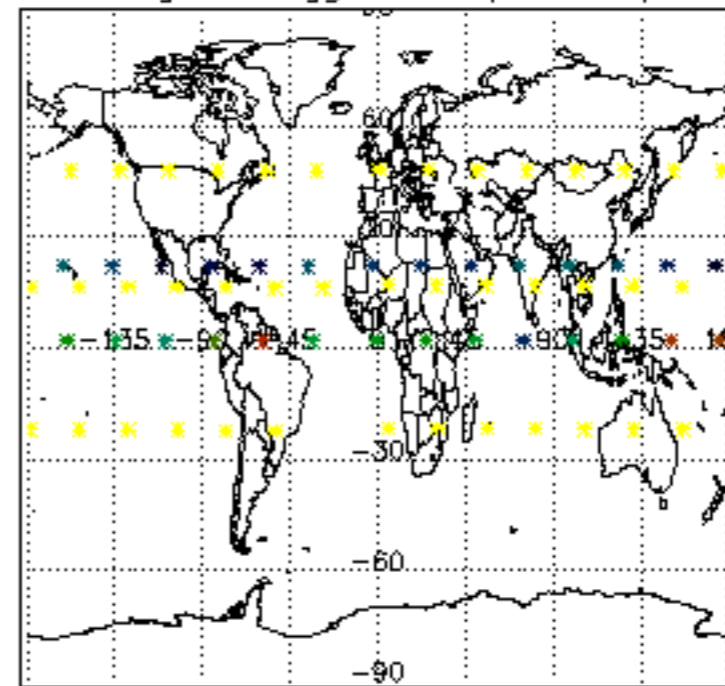
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 20-NOV-2009 00:52:32 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 20-NOV-2009 00:52:32 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 20-NOV-2009 00:52:32 |



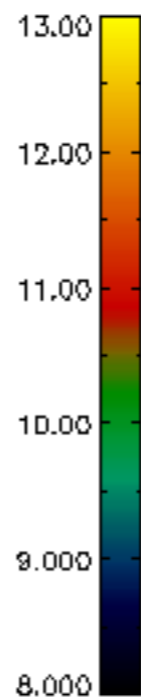
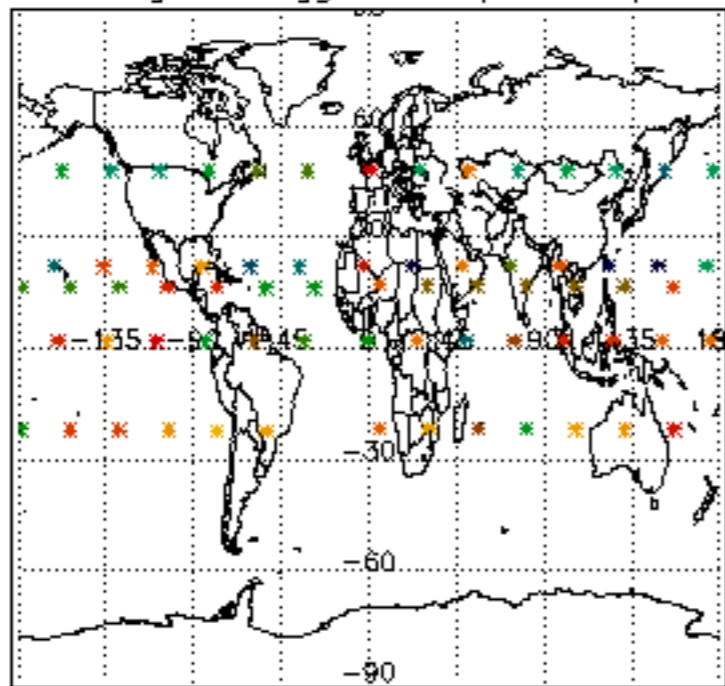
Percentage of flagged data per D3 profile



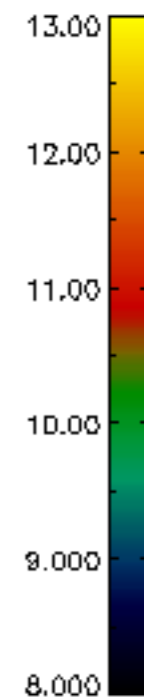
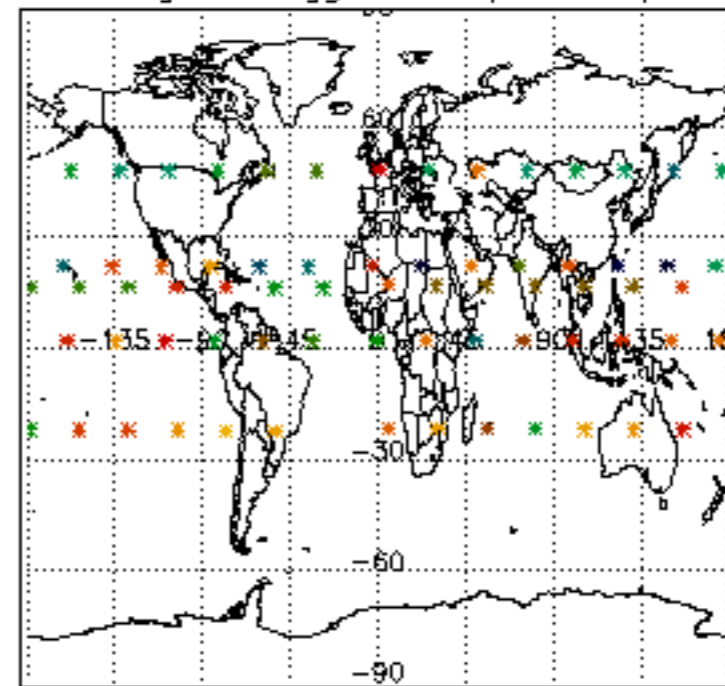
Percentage of flagged data per H2O profile

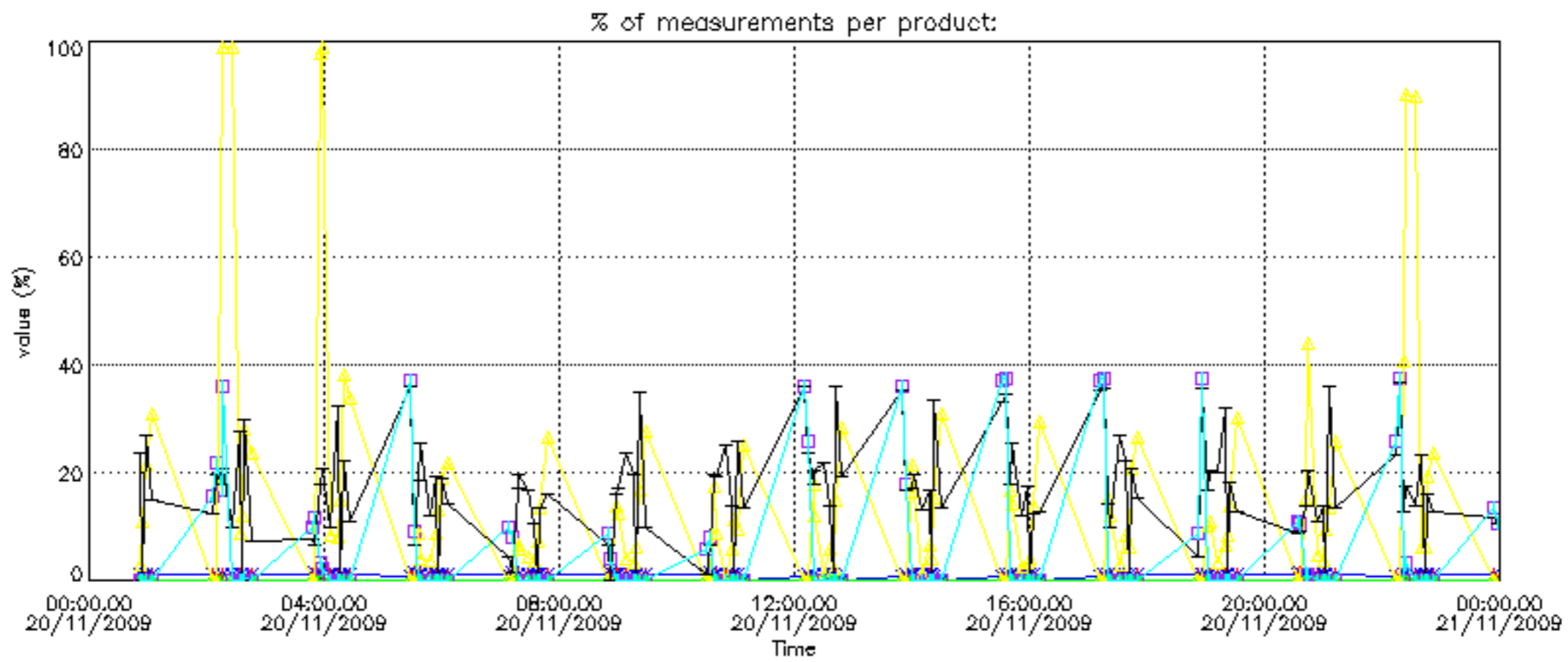


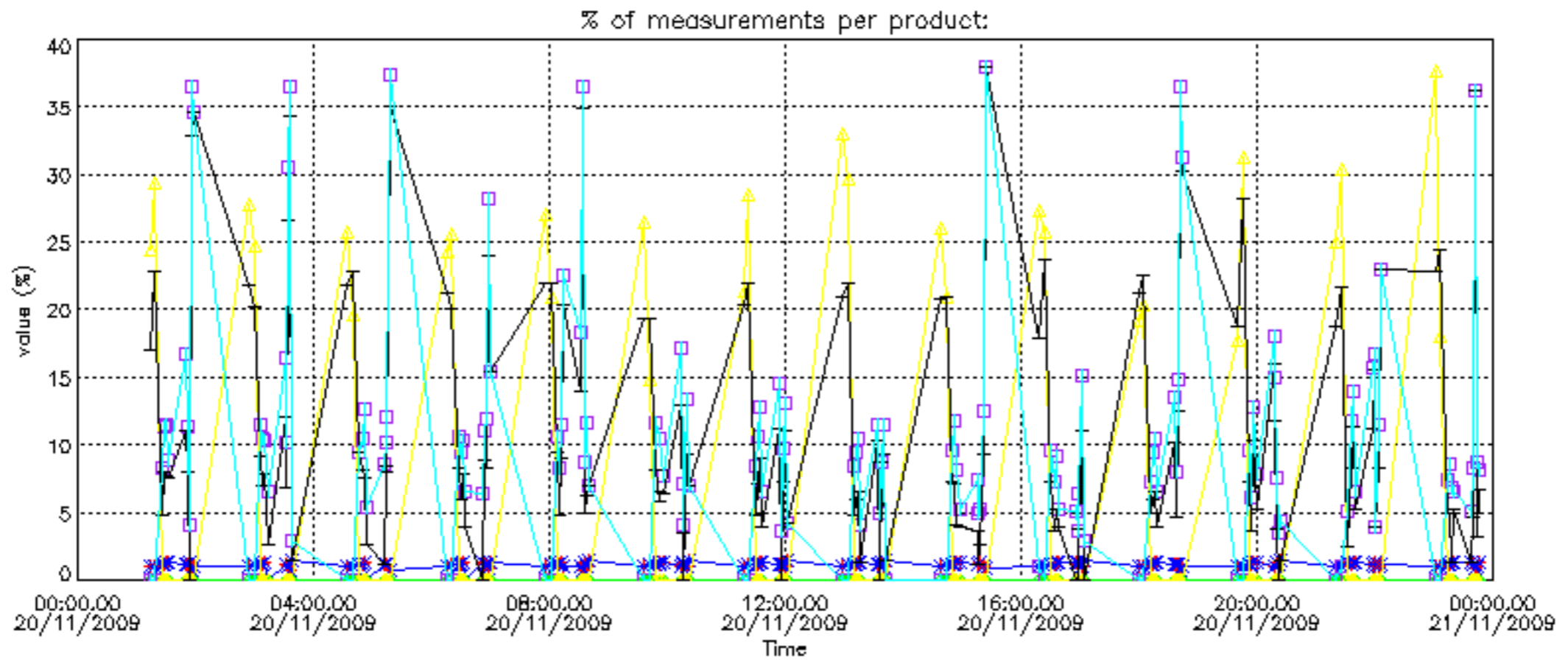
Percentage of flagged data per NO2 profile



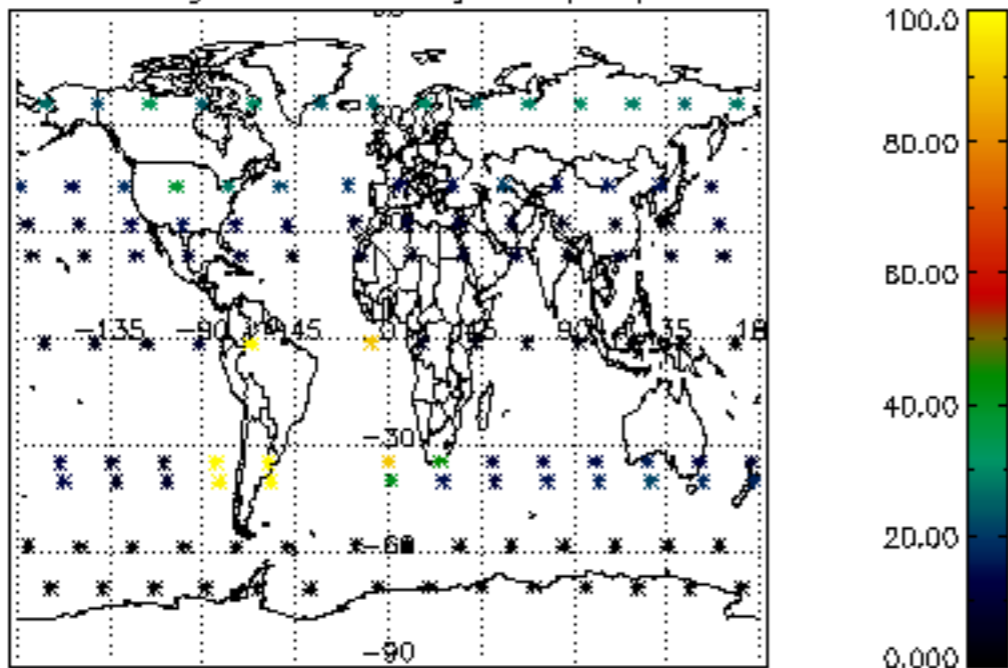
Percentage of flagged data per NO3 profile



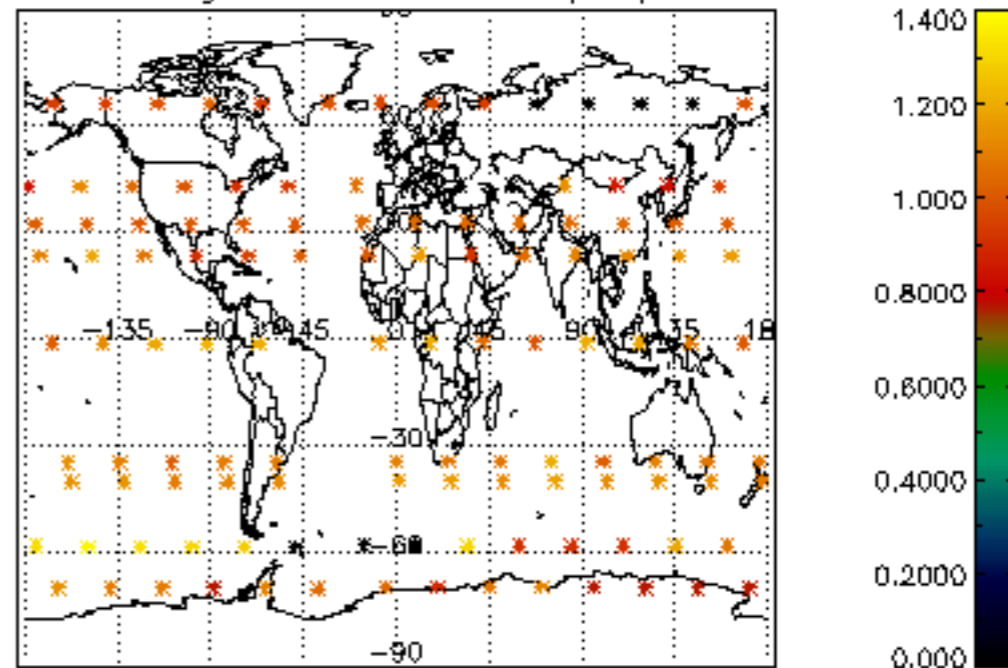




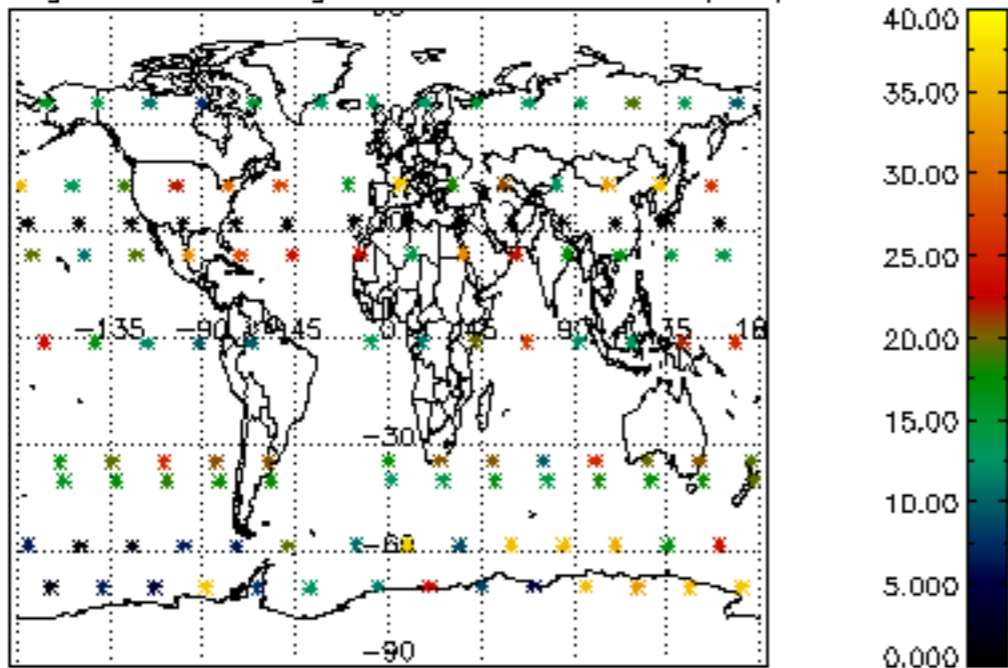
Percentage of cosmic ray hits per profile



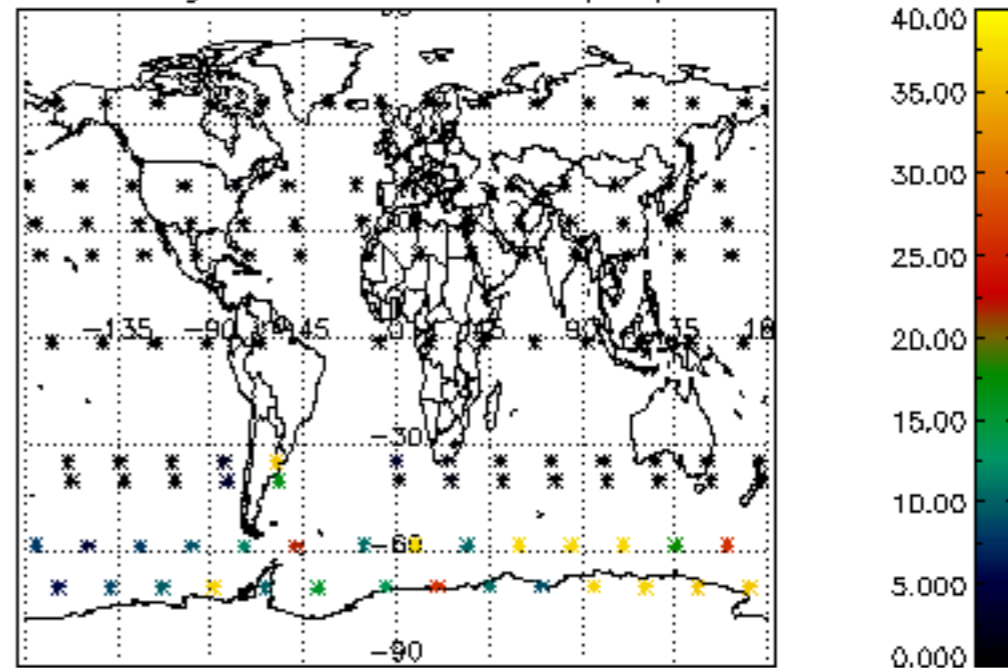
Percentage of datation errors per profile



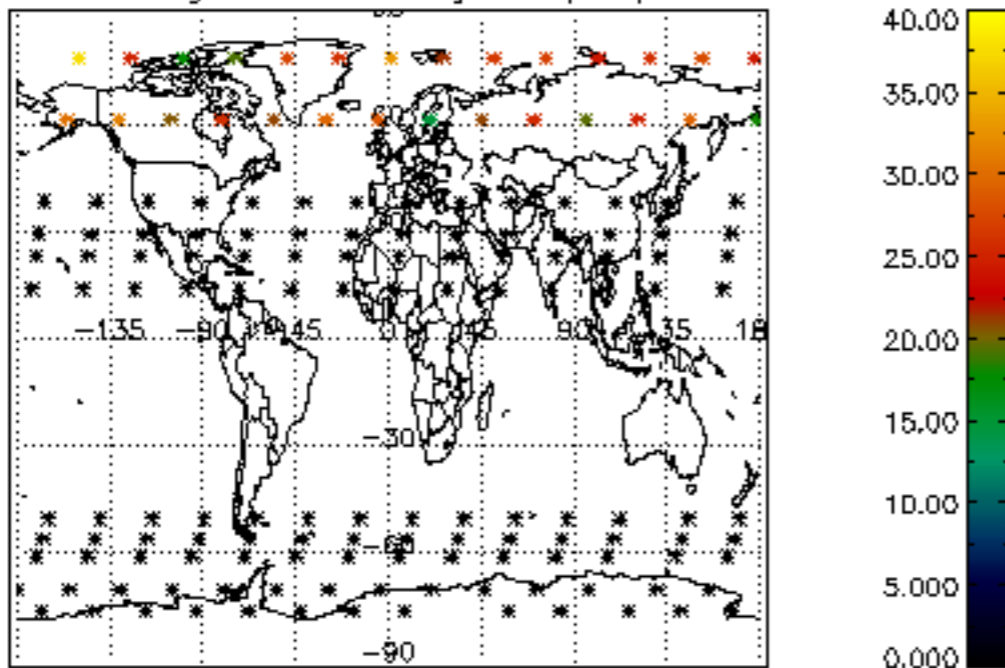
Percentage of star falling outside central band per profile



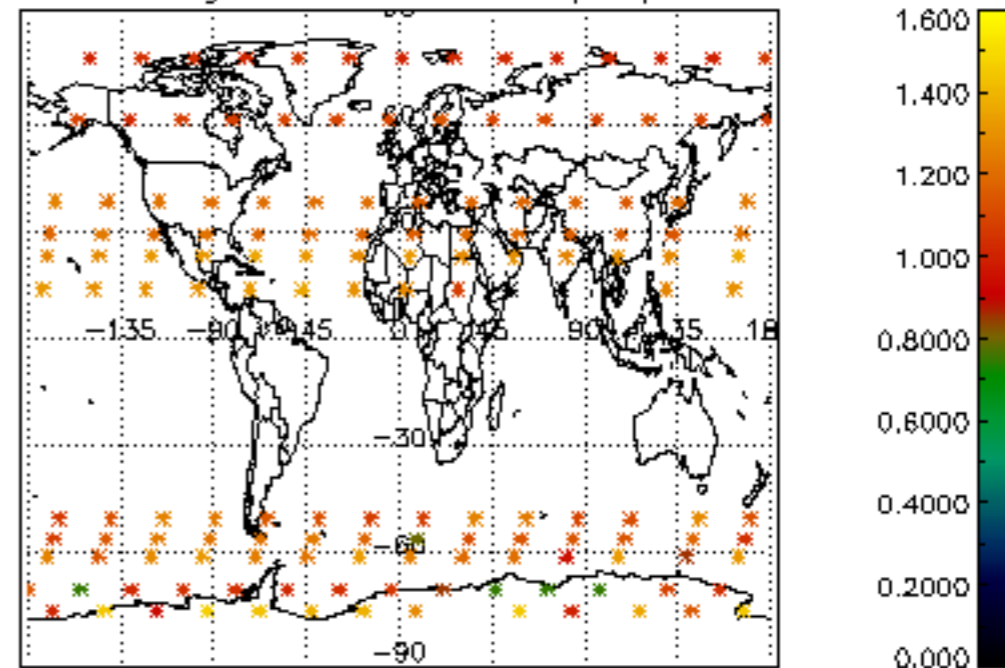
Percentage of saturation errors per profile



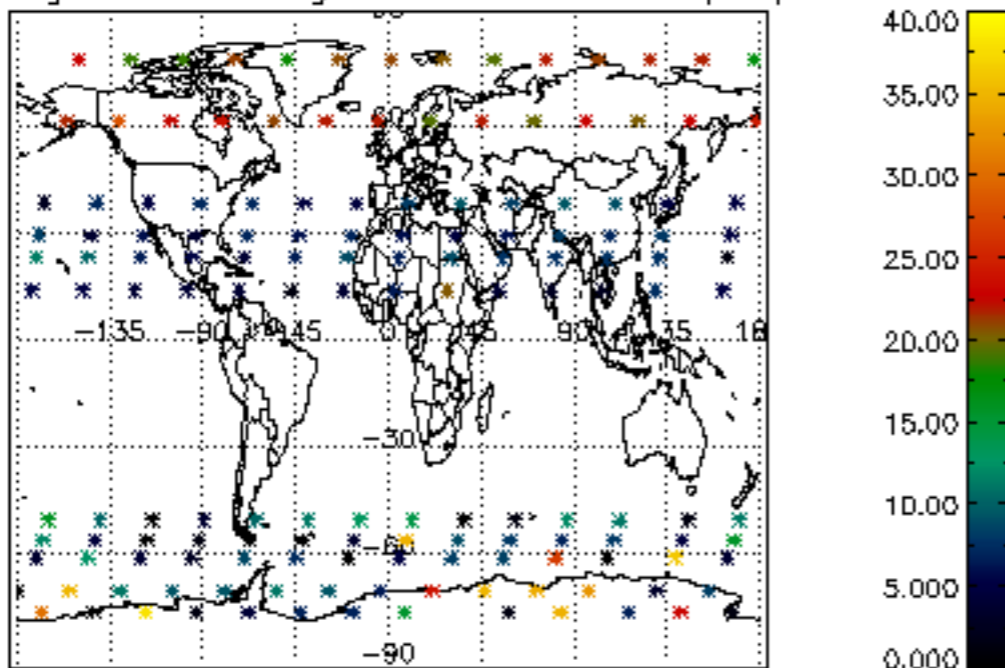
Percentage of cosmic ray hits per profile



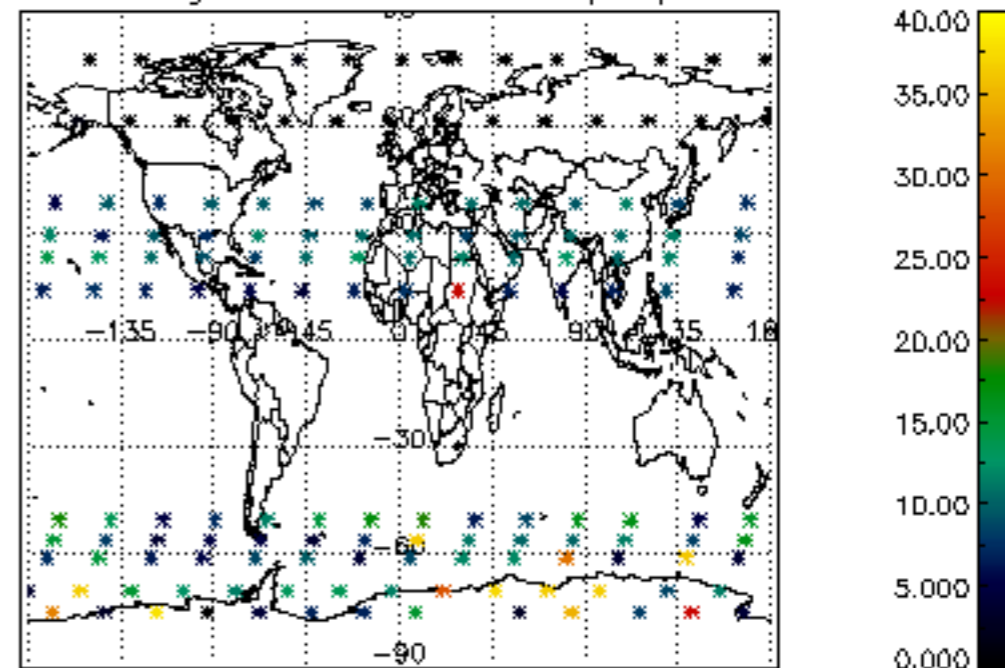
Percentage of datation errors per profile

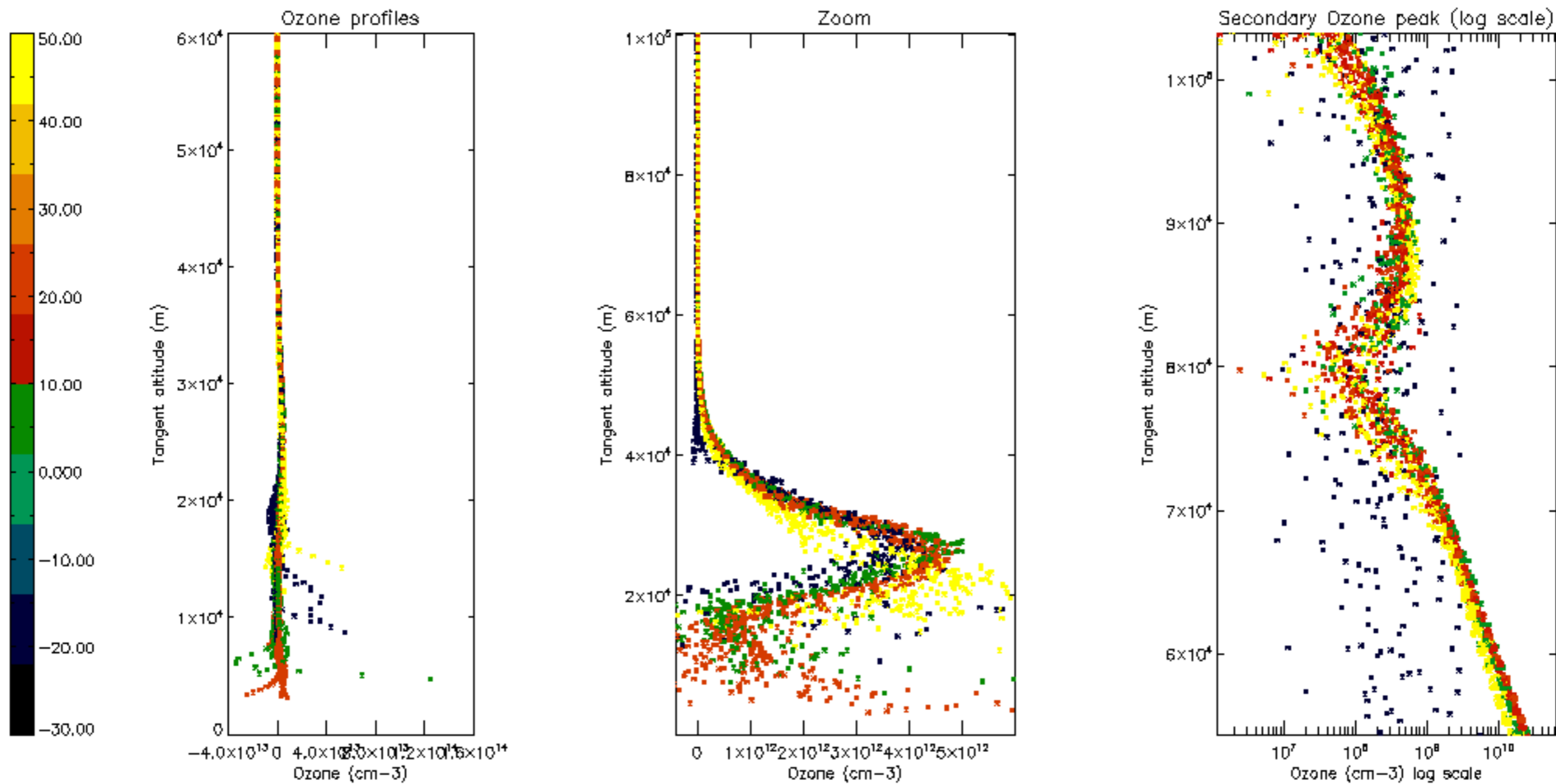


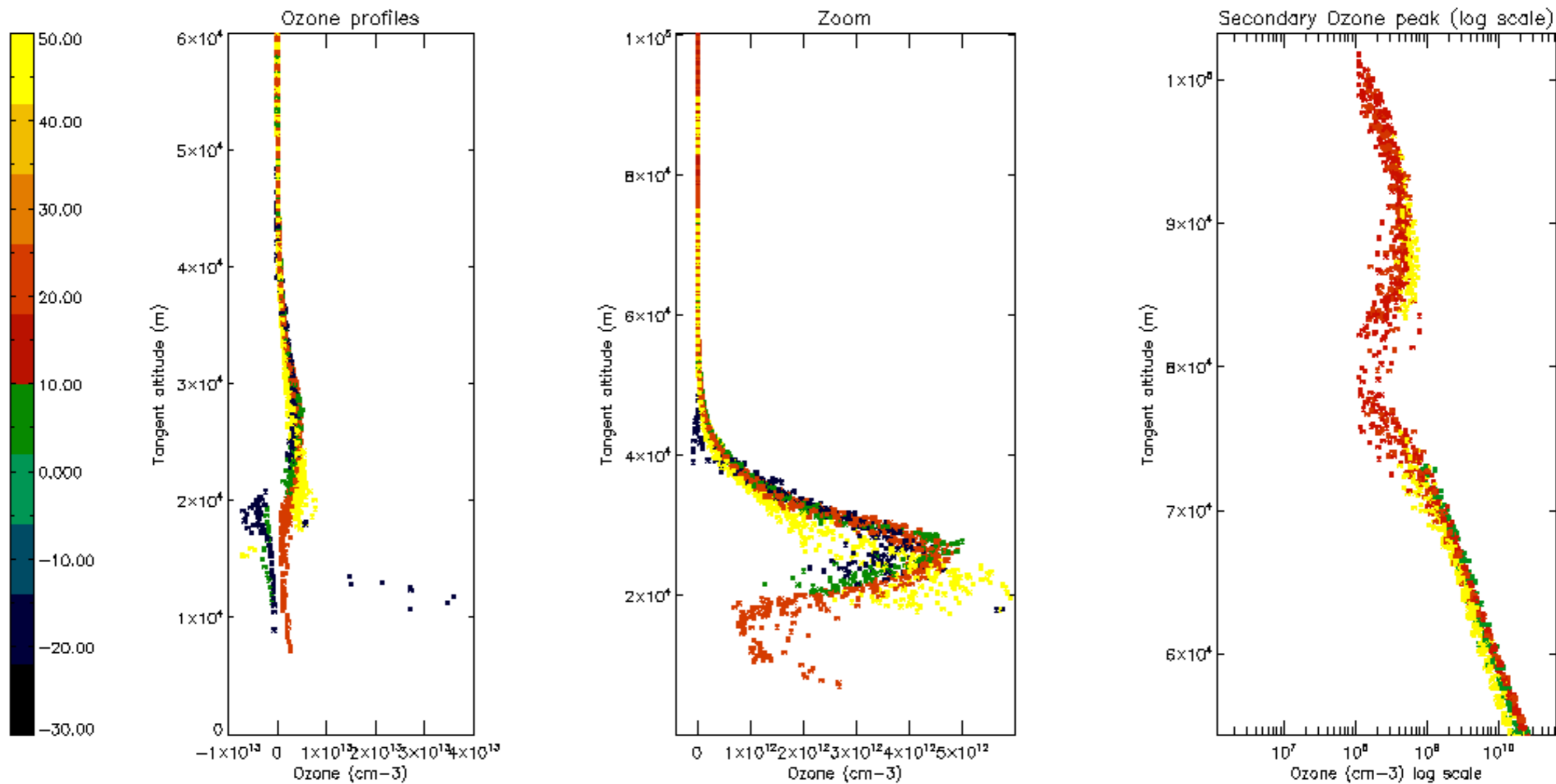
Percentage of star falling outside central band per profile

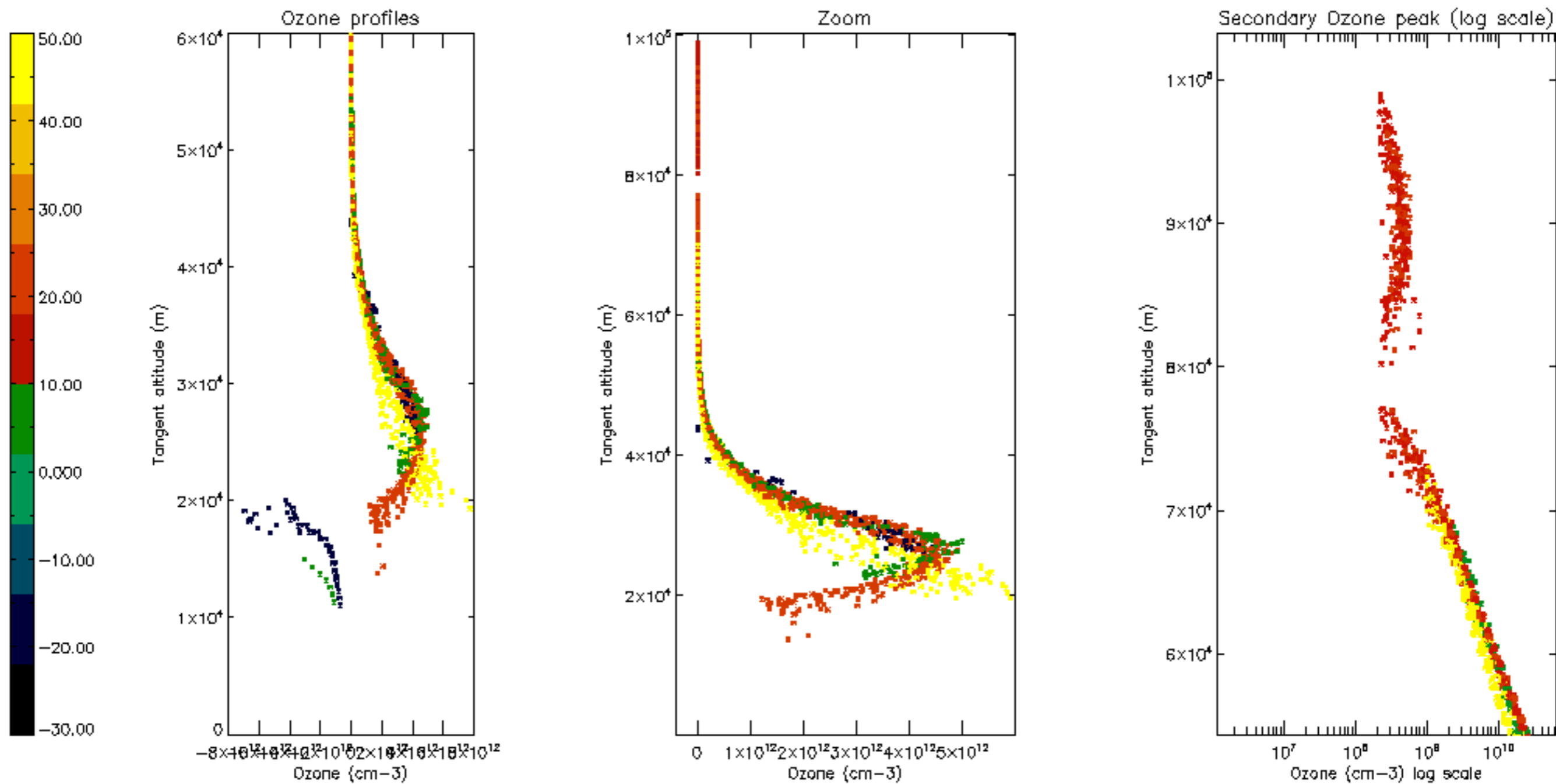


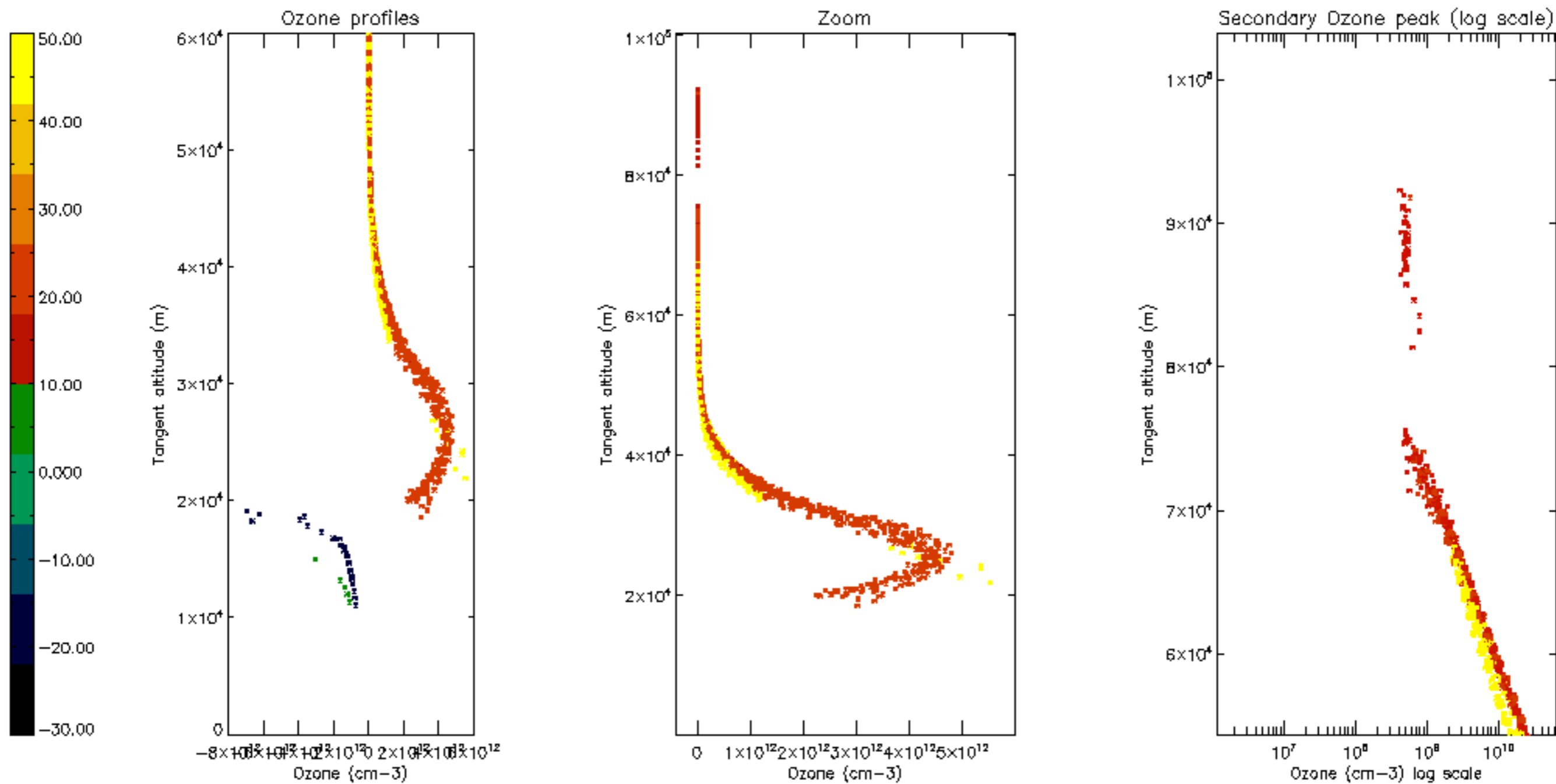
Percentage of saturation errors per profile

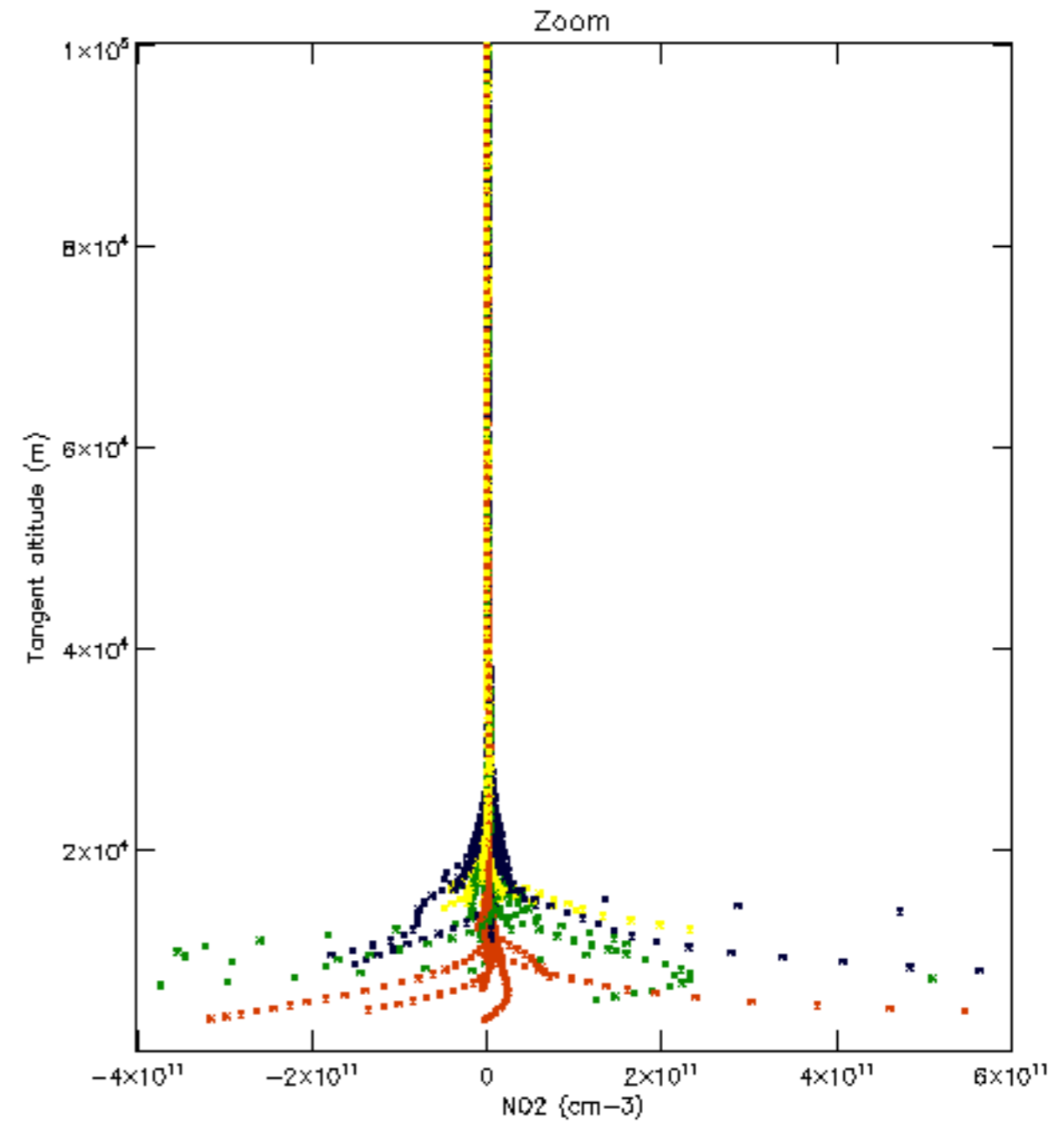
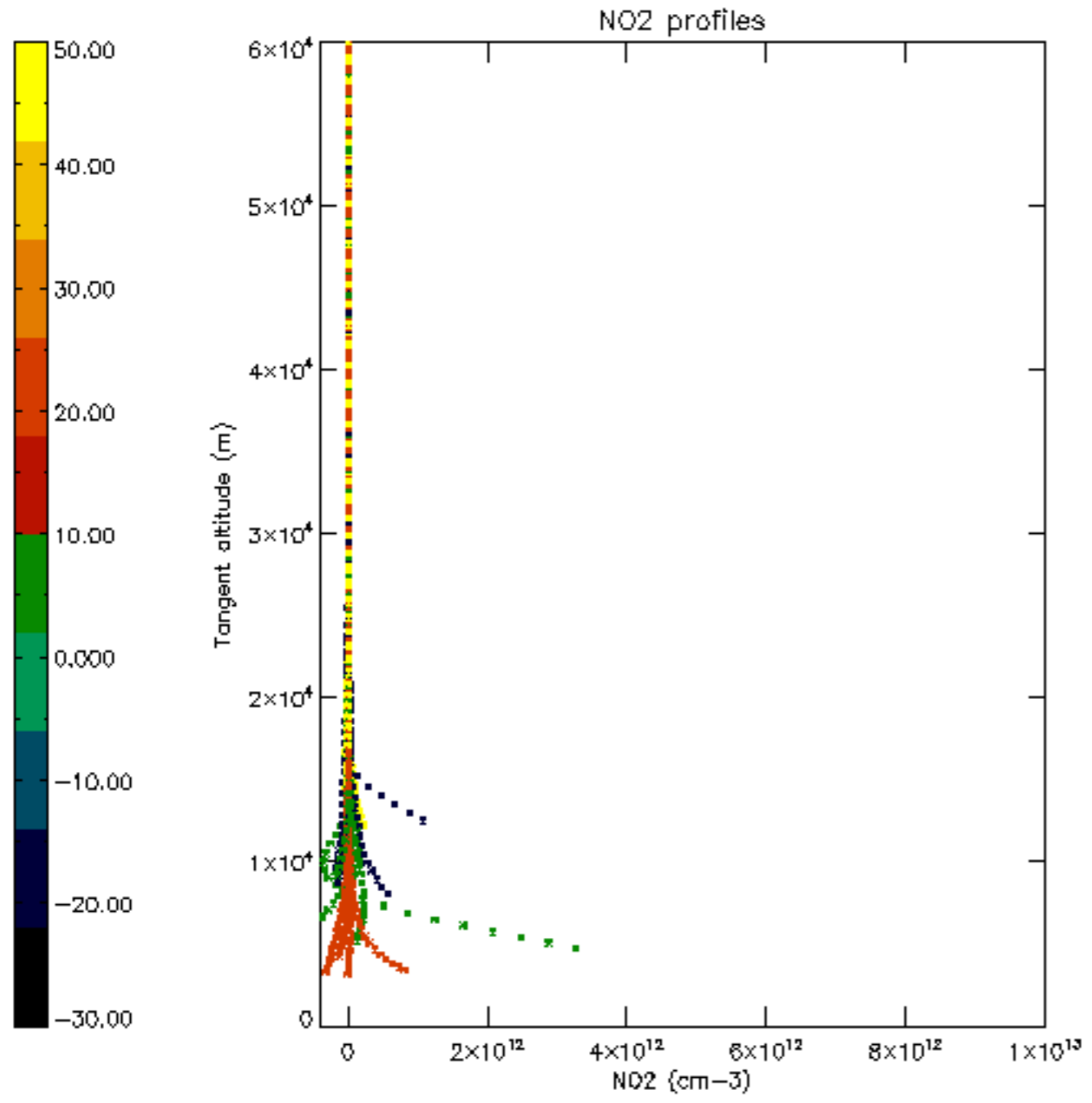


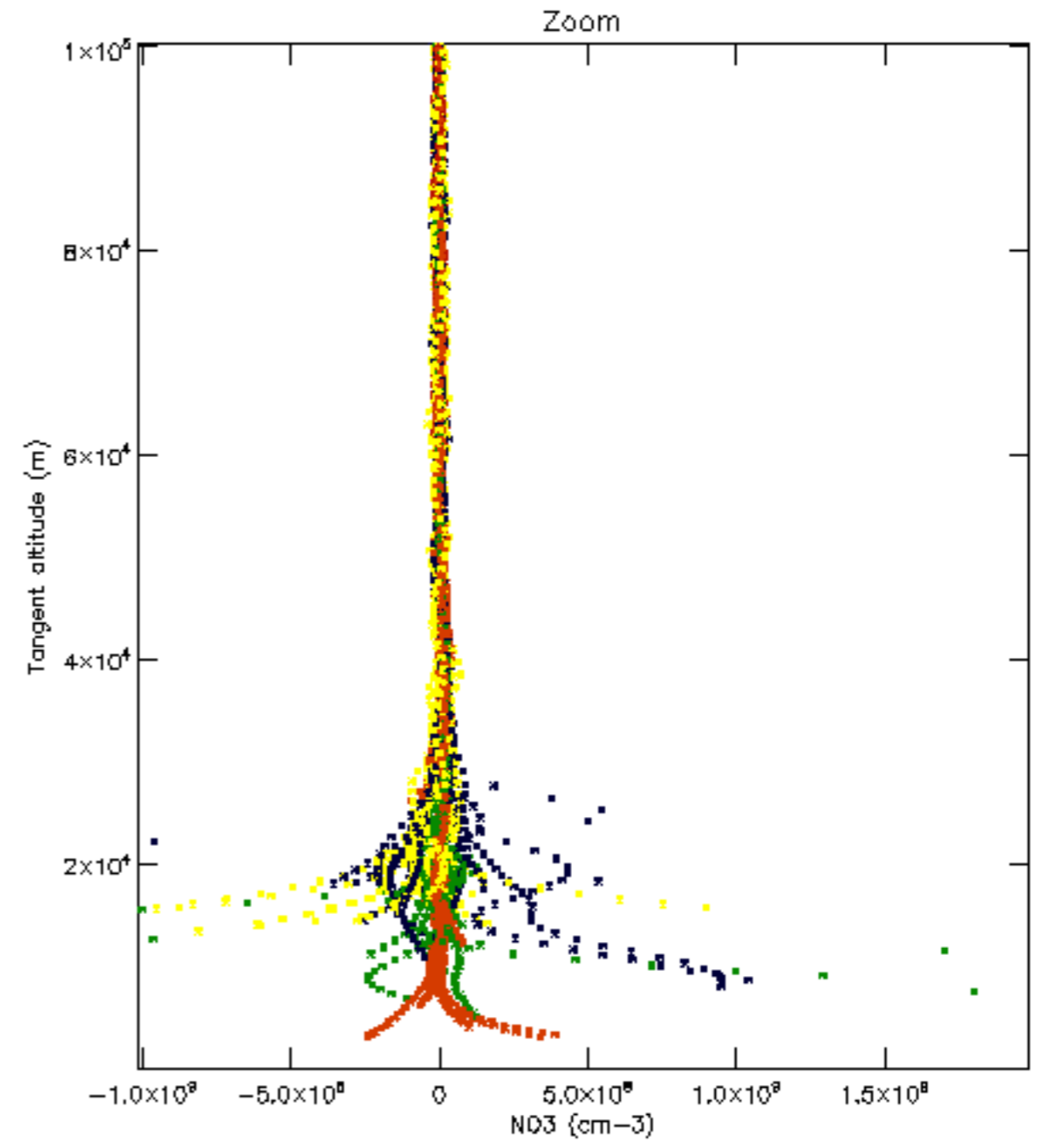
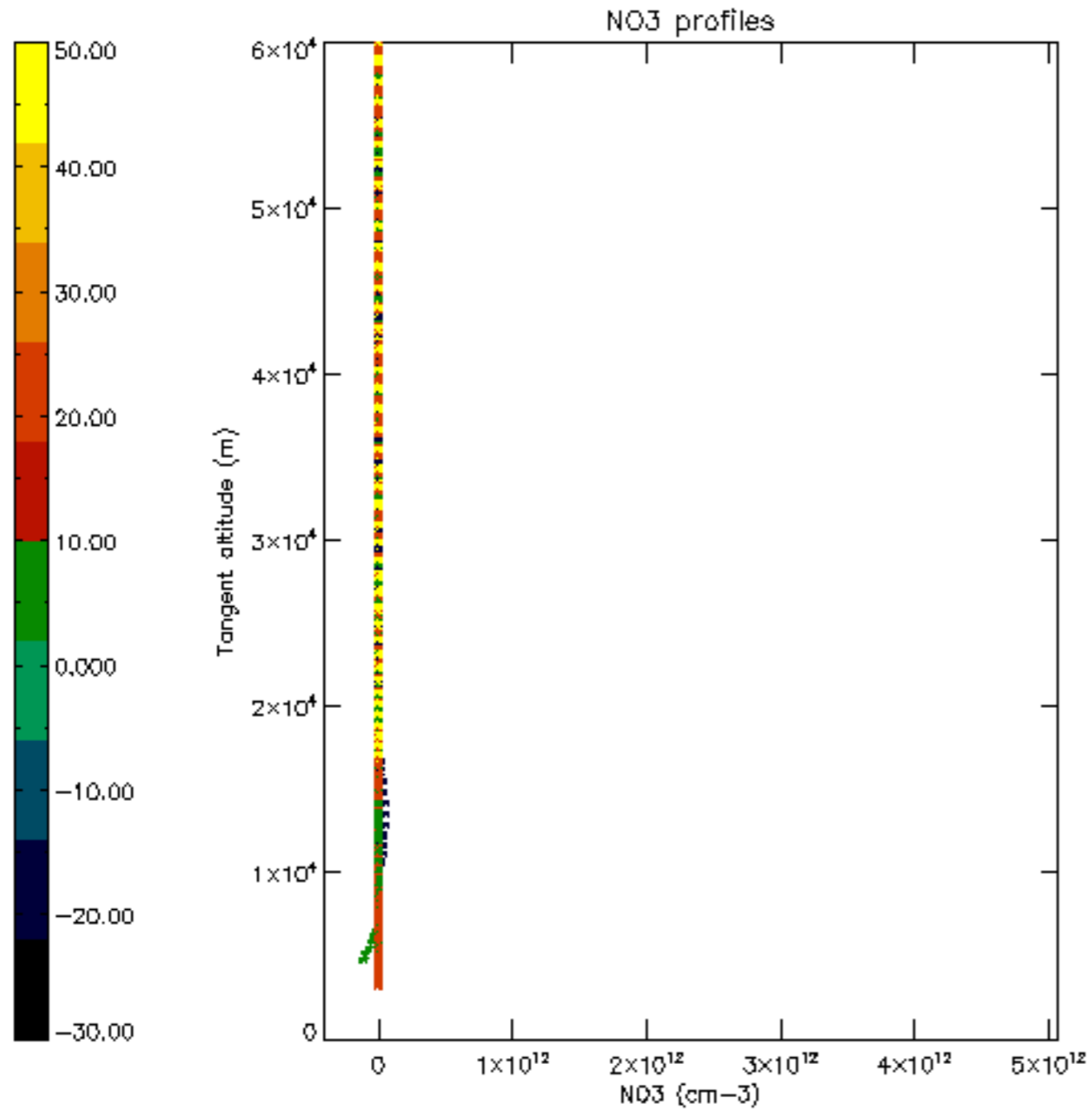


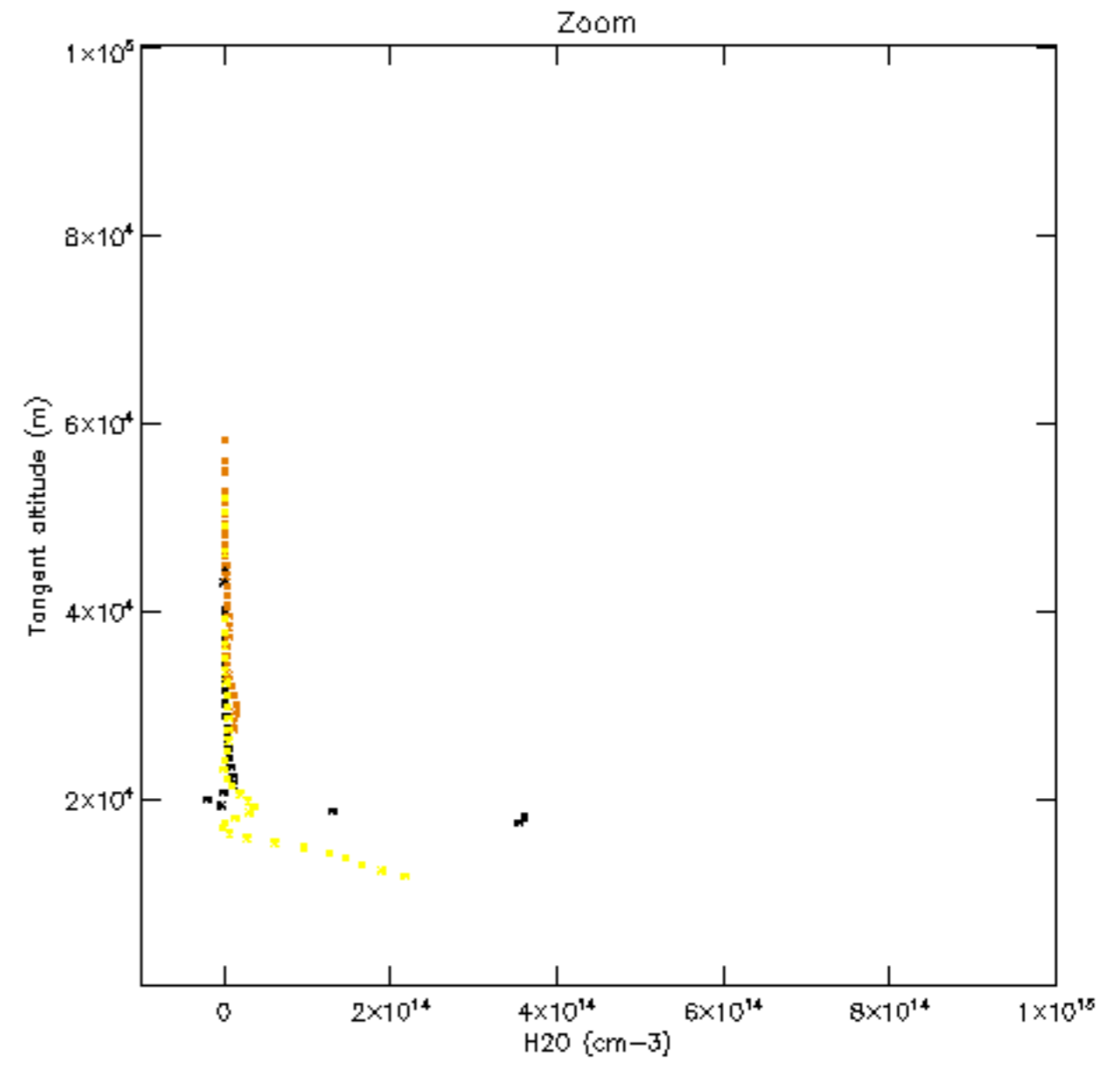
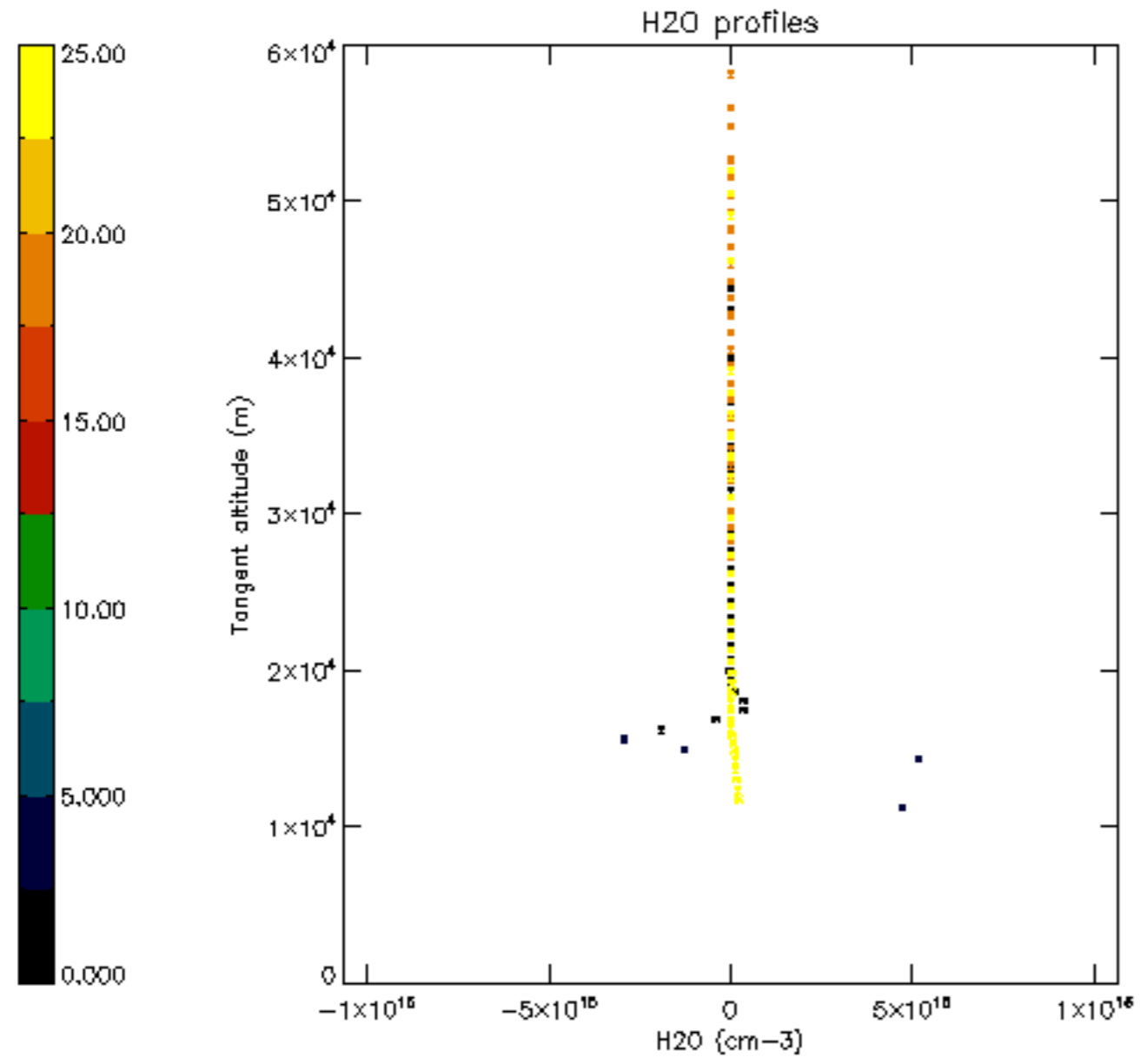


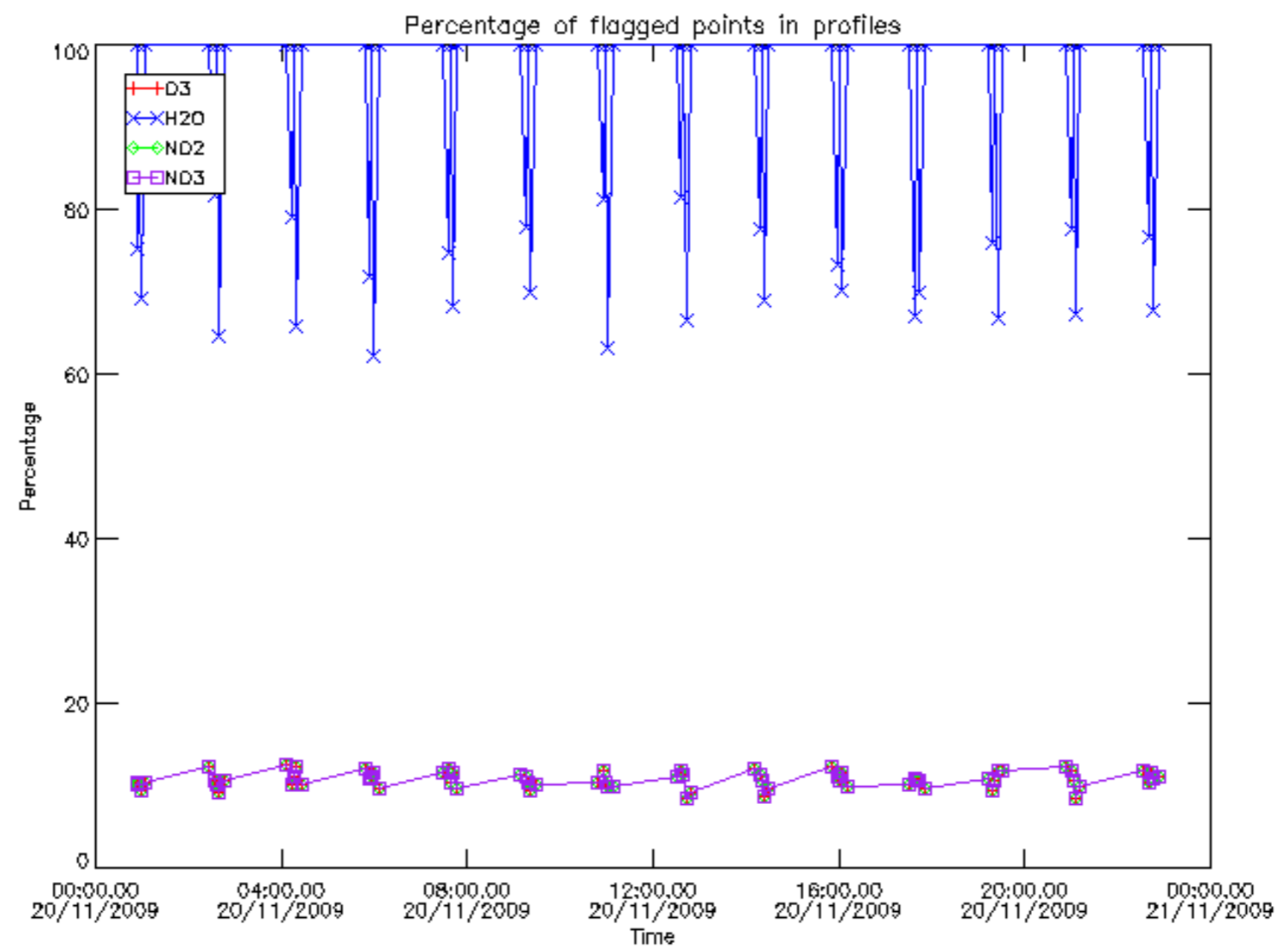




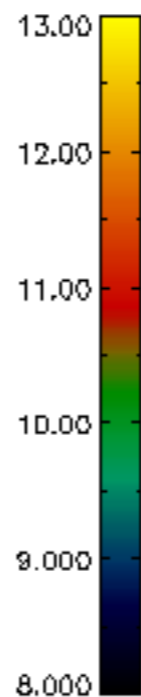
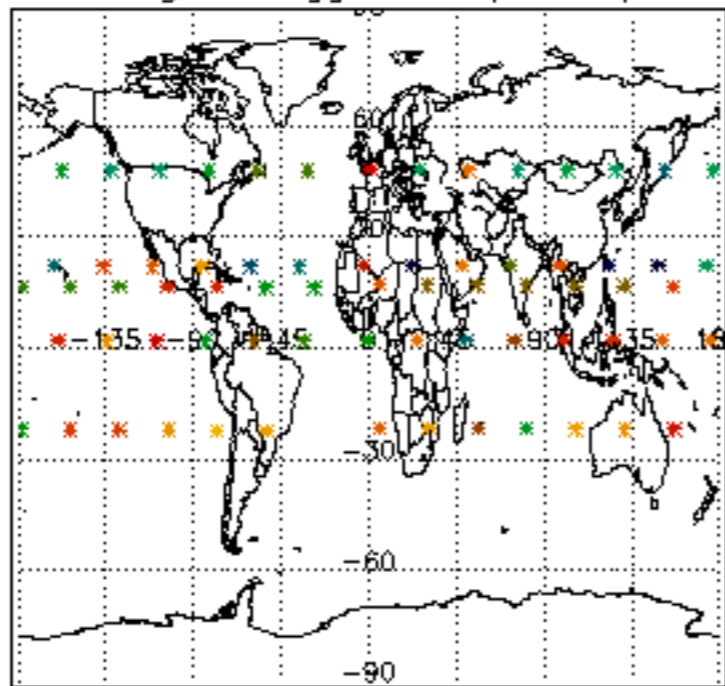




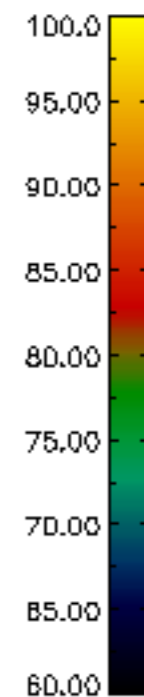
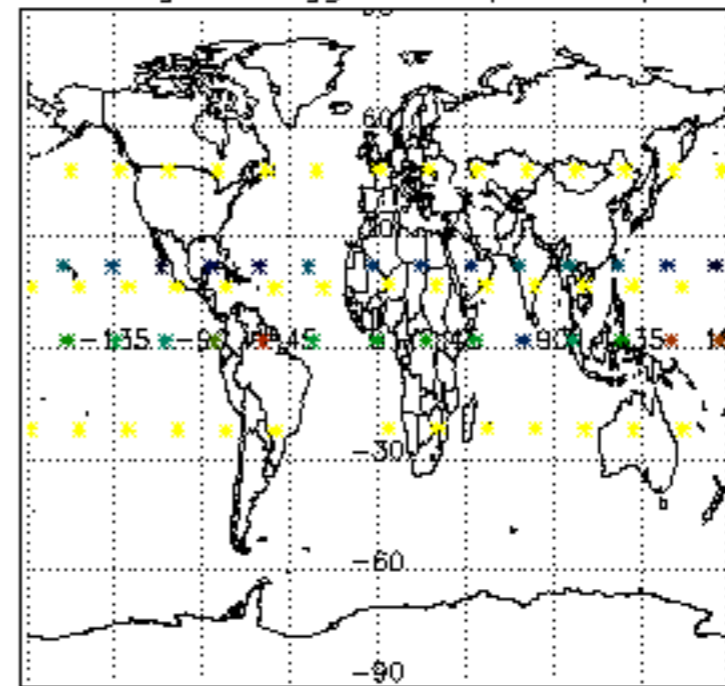




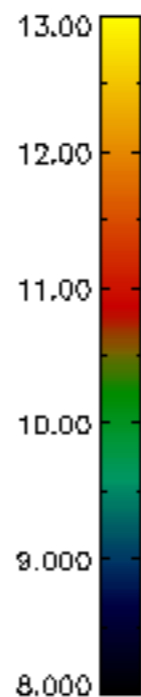
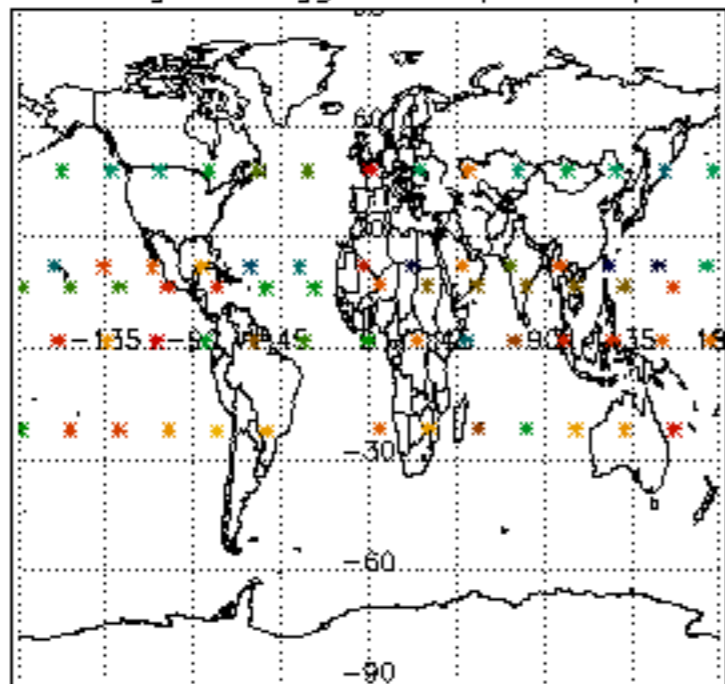
Percentage of flagged data per D3 profile



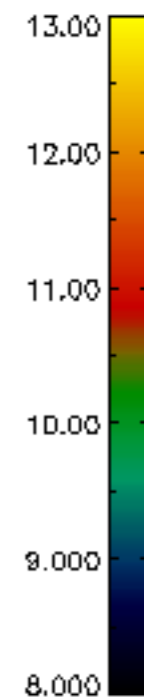
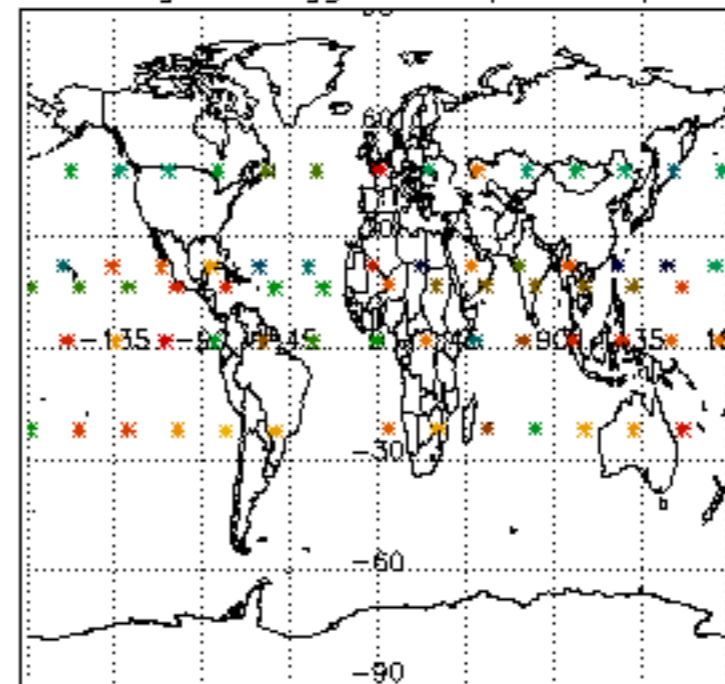
Percentage of flagged data per H2O profile

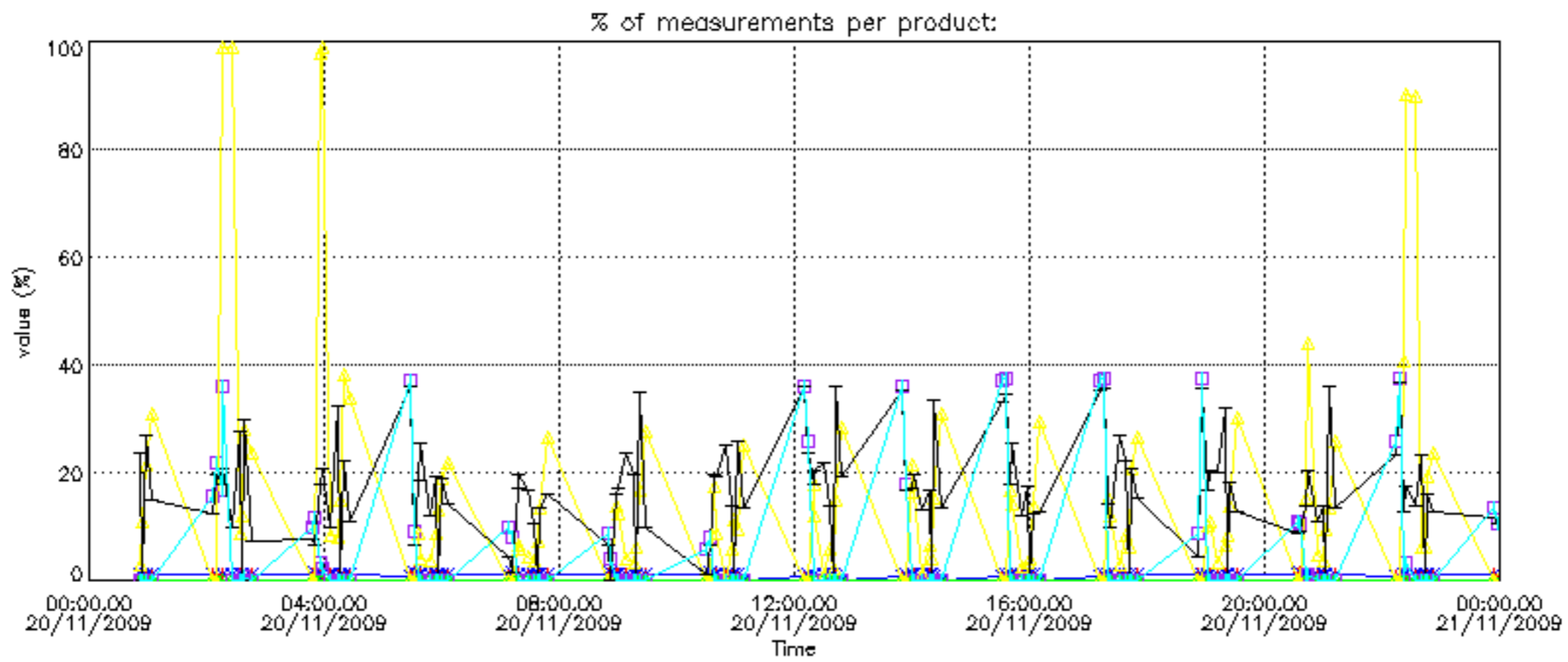


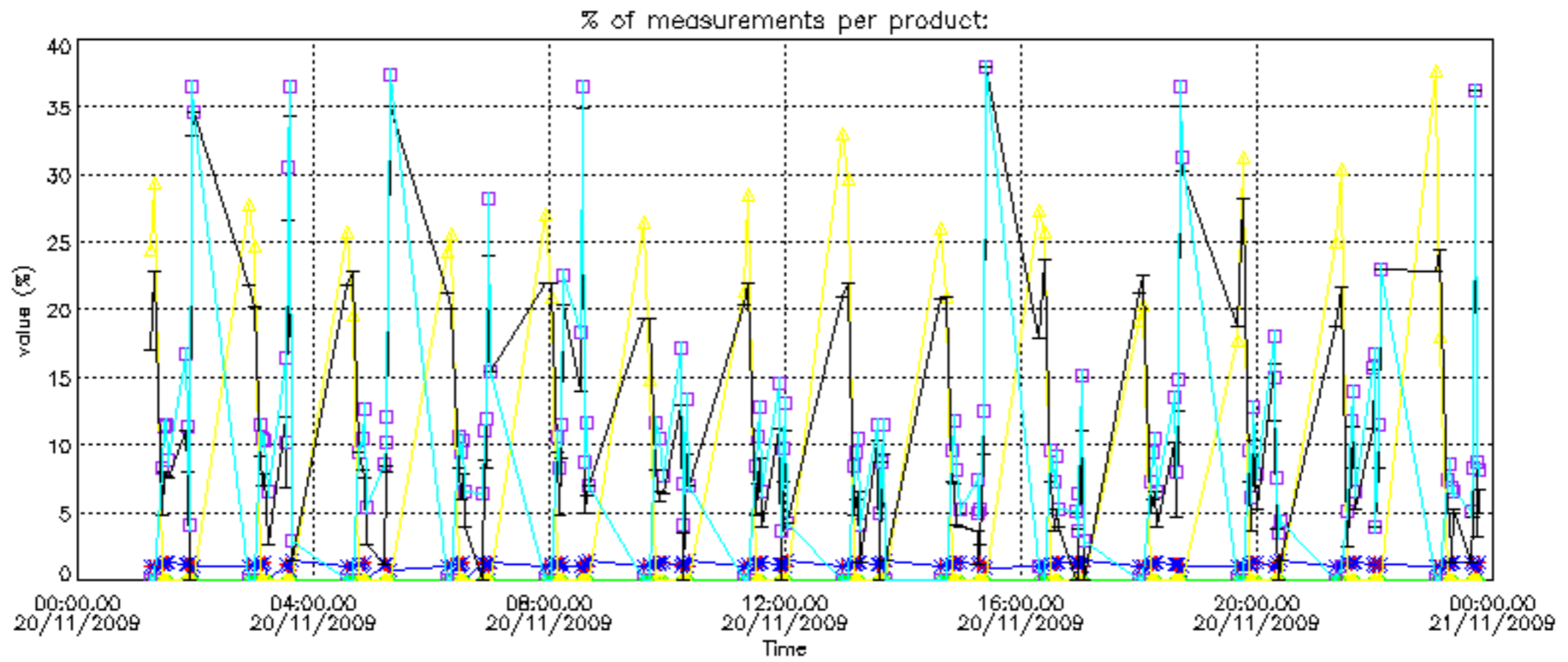
Percentage of flagged data per NO2 profile



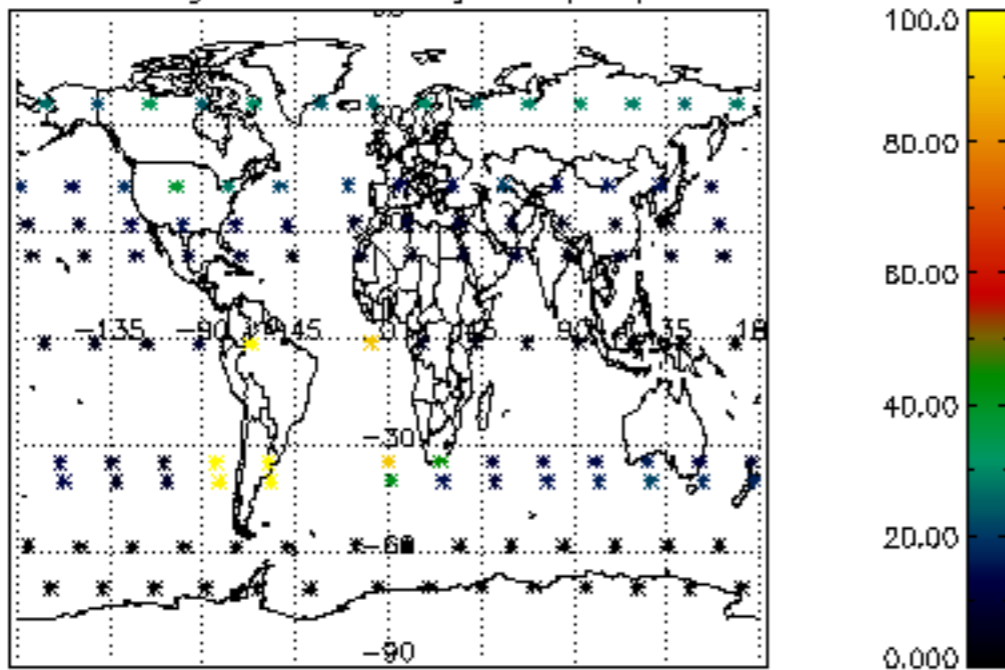
Percentage of flagged data per NO3 profile



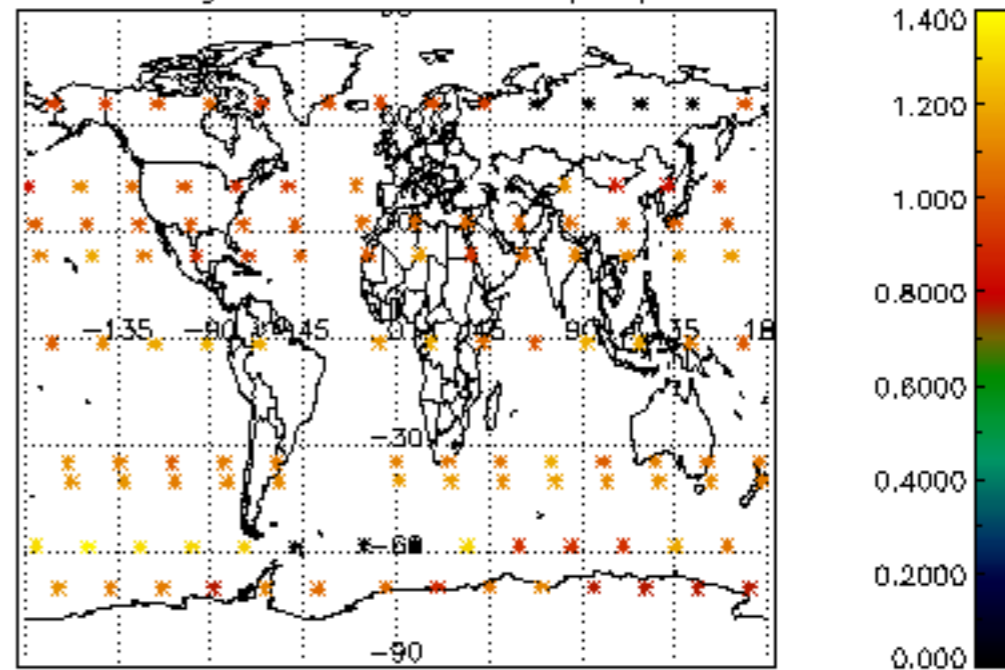




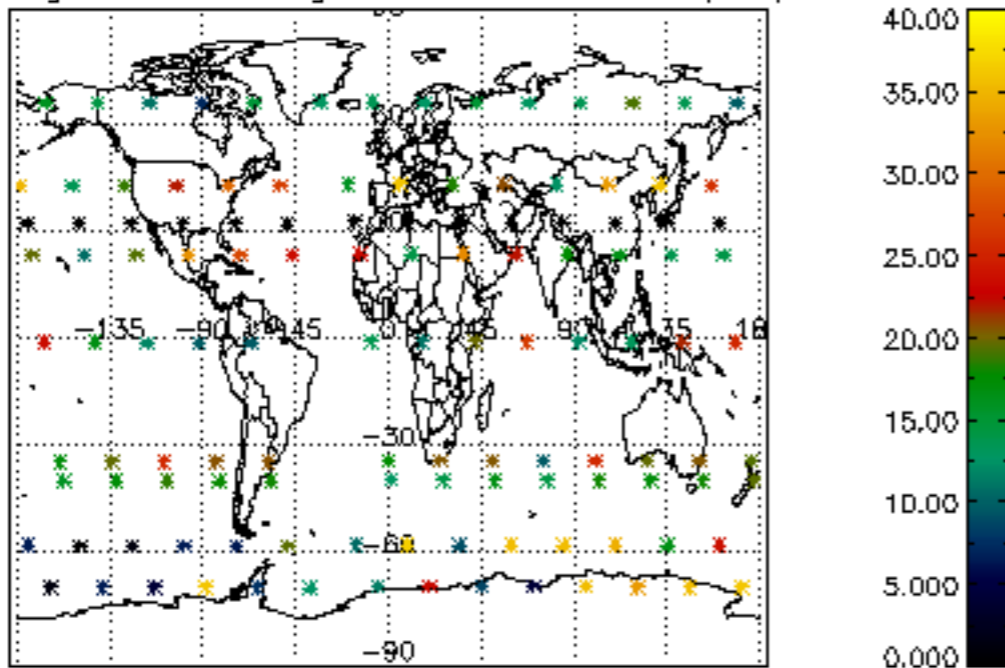
Percentage of cosmic ray hits per profile



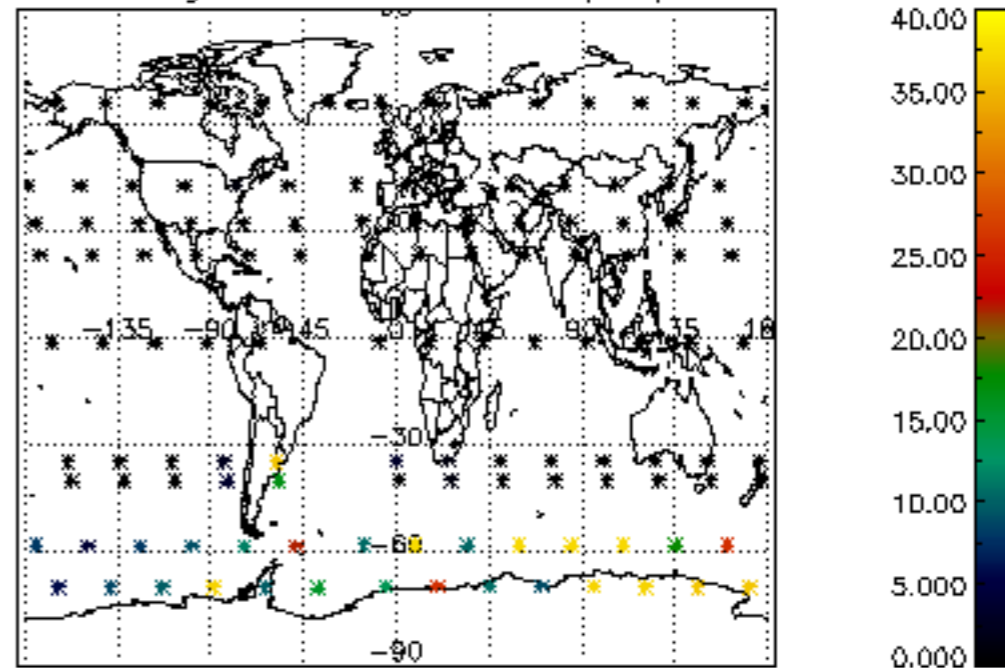
Percentage of datation errors per profile



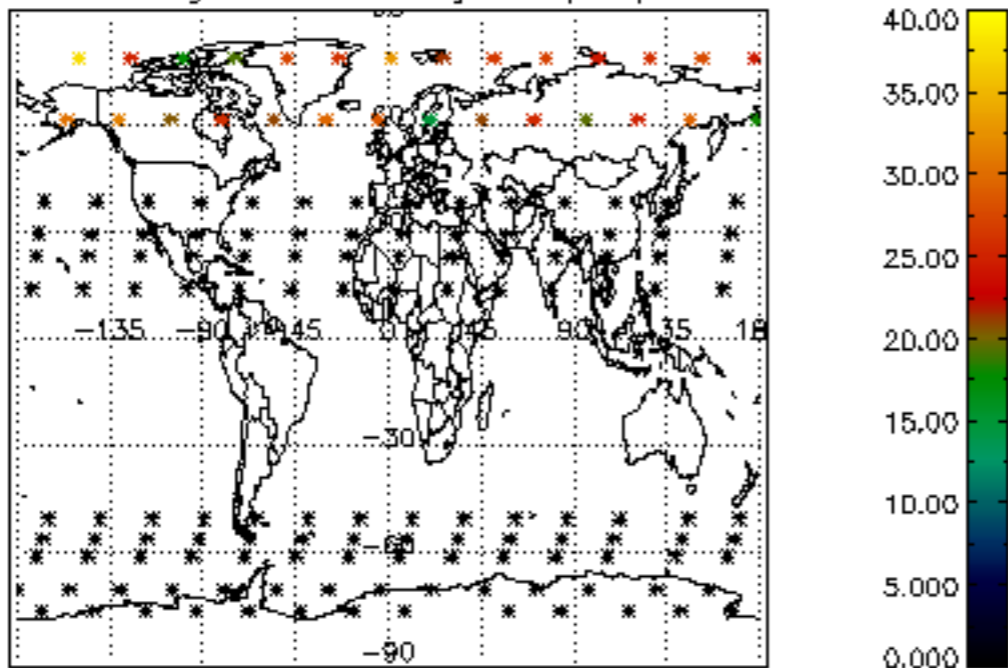
Percentage of star falling outside central band per profile



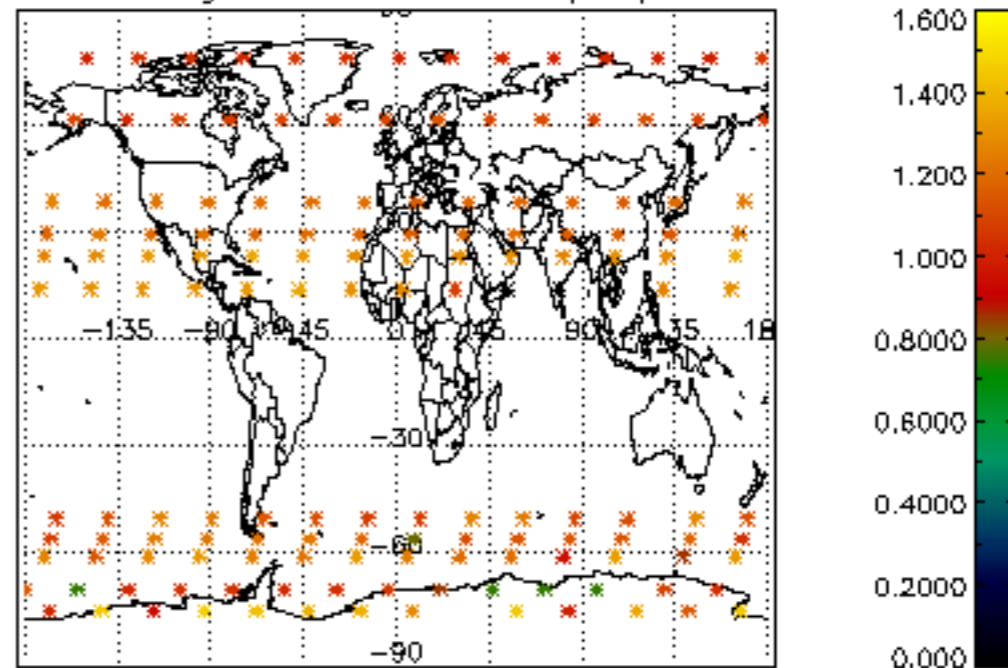
Percentage of saturation errors per profile



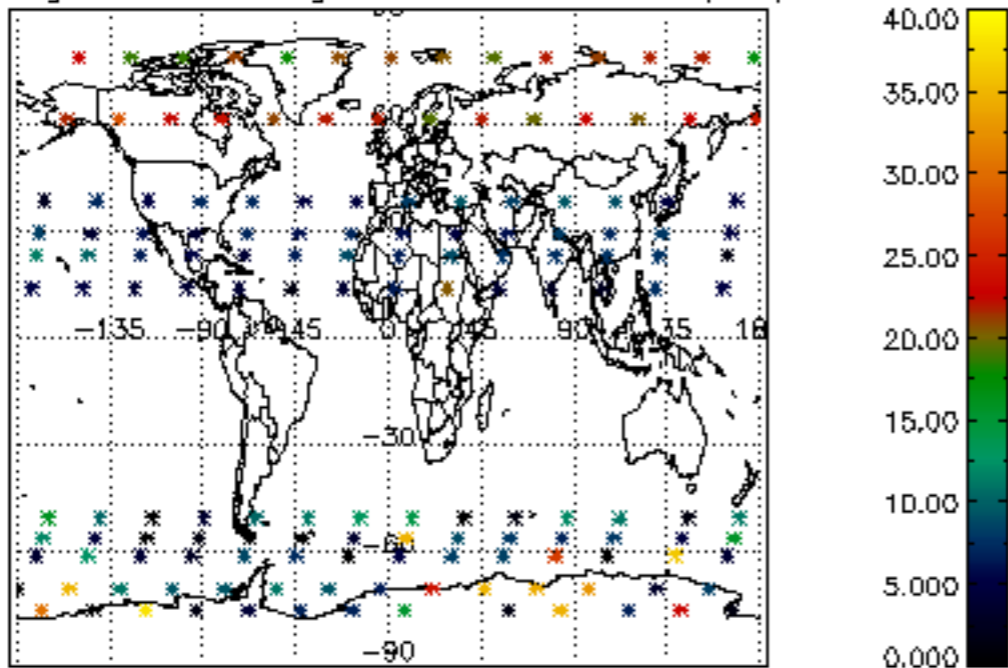
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

