

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 | 24APR2013 03:41:38 |
| Data source version | GOMOS/6.01 |
| Start time of products | 28-08-2006 (28AUG2006 00:00:00) |
| Stop time of products | 29-08-2006 (29AUG2006 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 271 |
| 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__2PRFIN20060828_000526_000000542050_00388_23488_1603.N1 | 28-AUG-2006 00:05:26 | Bright | 54.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 108 | 23488 | No |
| 2 | GOM_NL__2PRFIN20060828_000800_000000452050_00388_23488_1604.N1 | 28-AUG-2006 00:08:00 | Bright | 44.500 | 170 | 27Eps Gem | 3.0000 | 9700.0 | 89 | 23488 | No |
| 3 | GOM_NL__2PRFIN20060828_001300_000000402050_00388_23488_1605.N1 | 28-AUG-2006 00:13:00 | Twilight | 40.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 80 | 23488 | No |
| 4 | GOM_NL__2PRFIN20060828_002022_000000482050_00388_23488_1606.N1 | 28-AUG-2006 00:20:22 | Dark | 48.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 96 | 23488 | No |
| 5 | GOM_NL__2PRFIN20060828_002145_000000422050_00388_23488_1607.N1 | 28-AUG-2006 00:21:45 | Dark | 41.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 83 | 23488 | No |
| 6 | GOM_NL__2PRFIN20060828_002313_000000442050_00388_23488_1608.N1 | 28-AUG-2006 00:23:13 | Dark | 44.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 88 | 23488 | No |
| 7 | GOM_NL__2PRFIN20060828_003001_000000492050_00388_23488_1609.N1 | 28-AUG-2006 00:30:01 | Dark | 48.500 | 2 | Alp Car | -0.73600 | 7000.0 | 97 | 23488 | No |
| 8 | GOM_NL__2PRFIN20060828_004125_000000472050_00389_23489_1592.N1 | 28-AUG-2006 00:41:25 | Dark | 46.500 | 9 | Alp Eri | 0.45300 | 24000. | 93 | 23489 | No |
| 9 | GOM_NL__2PRFIN20060828_004947_000000442050_00389_23489_1593.N1 | 28-AUG-2006 00:49:47 | Straylight | 43.500 | 31 | Alp Gru | 1.7340 | 15200. | 87 | 23489 | No |
| 10 | GOM_NL__2PRFIN20060828_005239_000000392050_00389_23489_1594.N1 | 28-AUG-2006 00:52:39 | Straylight | 38.500 | 172 | Gam Gru | 3.0030 | 13100. | 77 | 23489 | No |
| 11 | GOM_NL__2PRFIN20060828_005849_000000512050_00389_23489_1595.N1 | 28-AUG-2006 00:58:49 | Bright | 51.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 102 | 23489 | No |
| 12 | GOM_NL__2PRFIN20060828_010201_000000402050_00389_23489_1596.N1 | 28-AUG-2006 01:02:01 | Bright | 39.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 79 | 23489 | No |
| 13 | GOM_NL__2PRFIN20060828_010638_000000392050_00389_23489_1597.N1 | 28-AUG-2006 01:06:38 | Bright | 38.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 77 | 23489 | No |
| 14 | GOM_NL__2PRFIN20060828_011324_000000342050_00389_23489_1598.N1 | 28-AUG-2006 01:13:24 | Bright | 33.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 67 | 23489 | No |
| 15 | GOM_NL__2PRFIN20060828_011513_000000332050_00389_23489_1599.N1 | 28-AUG-2006 01:15:13 | Bright | 33.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 66 | 23489 | No |
| 16 | GOM_NL__2PRFIN20060828_011636_000000342050_00389_23489_1600.N1 | 28-AUG-2006 01:16:36 | Bright | 34.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 68 | 23489 | No |
| 17 | GOM_NL__2PRFIN20060828_012141_000000372050_00389_23489_1601.N1 | 28-AUG-2006 01:21:41 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 23489 | No |
| 18 | GOM_NL__2PRFIN20060828_012914_000000352050_00389_23489_1602.N1 | 28-AUG-2006 01:29:14 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 23489 | No |
| 19 | GOM_NL__2PRFIN20060828_014602_000000542050_00389_23489_1603.N1 | 28-AUG-2006 01:46:02 | Bright | 54.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 108 | 23489 | No |
| 20 | GOM_NL__2PRFIN20060828_014837_000000452050_00389_23489_1604.N1 | 28-AUG-2006 01:48:37 | Bright | 45.000 | 170 | 27Eps Gem | 3.0000 | 9700.0 | 90 | 23489 | No |
| 21 | GOM_NL__2PRFIN20060828_015336_000000402050_00389_23489_1605.N1 | 28-AUG-2006 01:53:36 | Twilight | 40.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 80 | 23489 | No |
| 22 | GOM_NL__2PRFIN20060828_020058_000000512050_00389_23489_1606.N1 | 28-AUG-2006 02:00:58 | Dark | 51.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 102 | 23489 | No |
| 23 | GOM_NL__2PRFIN20060828_020349_000000412050_00389_23489_1607.N1 | 28-AUG-2006 02:03:49 | Dark | 41.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 82 | 23489 | No |
| 24 | GOM_NL__2PRFIN20060828_021038_000000492050_00389_23489_1608.N1 | 28-AUG-2006 02:10:38 | Dark | 49.000 | 2 | Alp Car | -0.73600 | 7000.0 | 98 | 23489 | No |
| 25 | GOM_NL__2PRFIN20060828_022202_000000482050_00390_23490_1592.N1 | 28-AUG-2006 02:22:02 | Dark | 48.000 | 9 | Alp Eri | 0.45300 | 24000. | 96 | 23490 | No |
| 26 | GOM_NL__2PRFIN20060828_023023_000000412050_00390_23490_1593.N1 | 28-AUG-2006 02:30:23 | Straylight | 40.500 | 31 | Alp Gru | 1.7340 | 15200. | 81 | 23490 | No |
| 27 | GOM_NL__2PRFIN20060828_023315_000000402050_00390_23490_1594.N1 | 28-AUG-2006 02:33:15 | Straylight | 39.500 | 172 | Gam Gru | 3.0030 | 13100. | 79 | 23490 | No |
| 28 | GOM_NL__2PRFIN20060828_023925_000000462050_00390_23490_1595.N1 | 28-AUG-2006 02:39:25 | Bright | 46.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 92 | 23490 | No |
| 29 | GOM_NL__2PRFIN20060828_024237_000000392050_00390_23490_1596.N1 | 28-AUG-2006 02:42:37 | Bright | 39.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 78 | 23490 | No |
| 30 | GOM_NL__2PRFIN20060828_024714_000000402050_00390_23490_1597.N1 | 28-AUG-2006 02:47:14 | Bright | 39.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 79 | 23490 | No |
| 31 | GOM_NL__2PRFIN20060828_025400_000000372050_00390_23490_1598.N1 | 28-AUG-2006 02:54:00 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 23490 | No |
| 32 | GOM_NL__2PRFIN20060828_025549_000000362050_00390_23490_1599.N1 | 28-AUG-2006 02:55:49 | Bright | 35.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 71 | 23490 | No |
| 33 | GOM_NL__2PRFIN20060828_025712_000000372050_00390_23490_1600.N1 | 28-AUG-2006 02:57:12 | Bright | 37.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 74 | 23490 | No |
| 34 | GOM_NL__2PRFIN20060828_030217_000000352050_00390_23490_1601.N1 | 28-AUG-2006 03:02:17 | Bright | 34.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 69 | 23490 | No |
| 35 | GOM_NL__2PRFIN20060828_030949_000000342050_00390_23490_1602.N1 | 28-AUG-2006 03:09:49 | Bright | 34.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 68 | 23490 | No |
| 36 | GOM_NL__2PRFIN20060828_032638_000000422050_00390_23490_1603.N1 | 28-AUG-2006 03:26:38 | Bright | 42.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 84 | 23490 | No |
| 37 | GOM_NL__2PRFIN20060828_032913_000000452050_00390_23490_1604.N1 | 28-AUG-2006 03:29:13 | Bright | 45.000 | 170 | 27Eps Gem | 3.0000 | 9700.0 | 90 | 23490 | No |
| 38 | GOM_NL__2PRFIN20060828_033412_000000492050_00390_23490_1605.N1 | 28-AUG-2006 03:34:12 | Twilight | 48.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 97 | 23490 | No |
| 39 | GOM_NL__2PRFIN20060828_034135_000000452050_00390_23490_1606.N1 | 28-AUG-2006 03:41:35 | Dark | 45.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 90 | 23490 | No |
| 40 | GOM_NL__2PRFIN20060828_034258_000000412050_00390_23490_1607.N1 | 28-AUG-2006 03:42:58 | Dark | 41.000 | 179 | 24Omi2CMa | 3.0320 | 24000. | 82 | 23490 | No |
| 41 | GOM_NL__2PRFIN20060828_034426_000000442050_00390_23490_1608.N1 | 28-AUG-2006 03:44:26 | Dark | 44.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 88 | 23490 | No |
| 42 | GOM_NL__2PRFIN20060828_034556_000000422050_00390_23490_1609.N1 | 28-AUG-2006 03:45:56 | Dark | 41.500 | 177 | 1Zet CMa | 3.0220 | 26000. | 83 | 23490 | No |

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|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20060828_035114_000000532050_00390_23490_1610.N1 | 28-AUG-2006 03:51:14 | Dark | 53.000 | 2 | Alp Car | -0.73600 | 7000.0 | 106 | 23490 | No |
| 44 | GOM_NL__2PRFIN20060828_040238_000000462050_00391_23491_1592.N1 | 28-AUG-2006 04:02:38 | Dark | 45.500 | 9 | Alp Eri | 0.45300 | 24000. | 91 | 23491 | No |
| 45 | GOM_NL__2PRFIN20060828_041059_000000412050_00391_23491_1593.N1 | 28-AUG-2006 04:10:59 | Straylight | 40.500 | 31 | Alp Gru | 1.7340 | 15200. | 81 | 23491 | No |
| 46 | GOM_NL__2PRFIN20060828_041351_000000392050_00391_23491_1594.N1 | 28-AUG-2006 04:13:51 | Straylight | 38.500 | 172 | Gam Gru | 3.0030 | 13100. | 77 | 23491 | No |
| 47 | GOM_NL__2PRFIN20060828_042002_000000542050_00391_23491_1595.N1 | 28-AUG-2006 04:20:02 | Bright | 54.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 108 | 23491 | No |
| 48 | GOM_NL__2PRFIN20060828_042313_000000382050_00391_23491_1596.N1 | 28-AUG-2006 04:23:13 | Bright | 38.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 76 | 23491 | No |
| 49 | GOM_NL__2PRFIN20060828_042750_000000392050_00391_23491_1597.N1 | 28-AUG-2006 04:27:50 | Bright | 39.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 78 | 23491 | No |
| 50 | GOM_NL__2PRFIN20060828_043436_000000372050_00391_23491_1598.N1 | 28-AUG-2006 04:34:36 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 23491 | No |
| 51 | GOM_NL__2PRFIN20060828_043625_000000382050_00391_23491_1599.N1 | 28-AUG-2006 04:36:25 | Bright | 37.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 75 | 23491 | No |
| 52 | GOM_NL__2PRFIN20060828_043748_000000362050_00391_23491_1600.N1 | 28-AUG-2006 04:37:48 | Bright | 36.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 72 | 23491 | No |
| 53 | GOM_NL__2PRFIN20060828_044252_000000362050_00391_23491_1601.N1 | 28-AUG-2006 04:42:52 | Bright | 35.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 71 | 23491 | No |
| 54 | GOM_NL__2PRFIN20060828_045025_000000332050_00391_23491_1602.N1 | 28-AUG-2006 04:50:25 | Bright | 33.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 66 | 23491 | No |
| 55 | GOM_NL__2PRFIN20060828_050715_000000342050_00391_23491_1603.N1 | 28-AUG-2006 05:07:15 | Bright | 34.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 68 | 23491 | No |
| 56 | GOM_NL__2PRFIN20060828_050949_000000452050_00391_23491_1604.N1 | 28-AUG-2006 05:09:49 | Bright | 45.000 | 170 | 27Eps Gem | 3.0000 | 9700.0 | 90 | 23491 | No |
| 57 | GOM_NL__2PRFIN20060828_051448_000000472050_00391_23491_1605.N1 | 28-AUG-2006 05:14:48 | Twilight | 47.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 94 | 23491 | No |
| 58 | GOM_NL__2PRFIN20060828_052211_000000482050_00391_23491_1606.N1 | 28-AUG-2006 05:22:11 | Dark | 47.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 95 | 23491 | No |
| 59 | GOM_NL__2PRFIN20060828_052334_000000402050_00391_23491_1607.N1 | 28-AUG-2006 05:23:34 | Dark | 39.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 79 | 23491 | No |
| 60 | GOM_NL__2PRFIN20060828_052502_000000452050_00391_23491_1608.N1 | 28-AUG-2006 05:25:02 | Dark | 44.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 89 | 23491 | No |
| 61 | GOM_NL__2PRFIN20060828_052633_000000412050_00391_23491_1609.N1 | 28-AUG-2006 05:26:33 | Dark | 41.000 | 177 | 1Zet CMa | 3.0220 | 26000. | 82 | 23491 | No |
| 62 | GOM_NL__2PRFIN20060828_053150_000000532050_00391_23491_1610.N1 | 28-AUG-2006 05:31:50 | Dark | 53.000 | 2 | Alp Car | -0.73600 | 7000.0 | 106 | 23491 | No |
| 63 | GOM_NL__2PRFIN20060828_054315_000000422050_00392_23492_1592.N1 | 28-AUG-2006 05:43:15 | Dark | 42.000 | 9 | Alp Eri | 0.45300 | 24000. | 84 | 23492 | No |
| 64 | GOM_NL__2PRFIN20060828_055136_000000422050_00392_23492_1593.N1 | 28-AUG-2006 05:51:36 | Straylight | 41.500 | 31 | Alp Gru | 1.7340 | 15200. | 83 | 23492 | No |
| 65 | GOM_NL__2PRFIN20060828_055427_000000382050_00392_23492_1594.N1 | 28-AUG-2006 05:54:27 | Straylight | 37.500 | 172 | Gam Gru | 3.0030 | 13100. | 75 | 23492 | No |
| 66 | GOM_NL__2PRFIN20060828_060038_000000472050_00392_23492_1595.N1 | 28-AUG-2006 06:00:38 | Bright | 46.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 93 | 23492 | No |
| 67 | GOM_NL__2PRFIN20060828_060349_000000392050_00392_23492_1596.N1 | 28-AUG-2006 06:03:49 | Bright | 39.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 78 | 23492 | No |
| 68 | GOM_NL__2PRFIN20060828_060826_000000392050_00392_23492_1597.N1 | 28-AUG-2006 06:08:26 | Bright | 38.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 77 | 23492 | No |
| 69 | GOM_NL__2PRFIN20060828_061512_000000352050_00392_23492_1598.N1 | 28-AUG-2006 06:15:12 | Bright | 35.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 70 | 23492 | No |
| 70 | GOM_NL__2PRFIN20060828_061701_000000362050_00392_23492_1599.N1 | 28-AUG-2006 06:17:01 | Bright | 36.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 72 | 23492 | No |
| 71 | GOM_NL__2PRFIN20060828_061824_000000372050_00392_23492_1600.N1 | 28-AUG-2006 06:18:24 | Bright | 37.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 74 | 23492 | No |
| 72 | GOM_NL__2PRFIN20060828_062328_000000362050_00392_23492_1601.N1 | 28-AUG-2006 06:23:28 | Bright | 36.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 72 | 23492 | No |
| 73 | GOM_NL__2PRFIN20060828_063101_000000362050_00392_23492_1602.N1 | 28-AUG-2006 06:31:01 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 23492 | No |
| 74 | GOM_NL__2PRFIN20060828_064751_000000412050_00392_23492_1603.N1 | 28-AUG-2006 06:47:51 | Bright | 40.500 | 24 | 66Alp Gem | 1.5800 | 10200. | 81 | 23492 | No |
| 75 | GOM_NL__2PRFIN20060828_065025_000000322050_00392_23492_1604.N1 | 28-AUG-2006 06:50:25 | Bright | 32.000 | 170 | 27Eps Gem | 3.0000 | 9700.0 | 64 | 23492 | No |
| 76 | GOM_NL__2PRFIN20060828_065525_000000512050_00392_23492_1605.N1 | 28-AUG-2006 06:55:25 | Twilight | 50.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 101 | 23492 | No |
| 77 | GOM_NL__2PRFIN20060828_070248_000000522050_00392_23492_1606.N1 | 28-AUG-2006 07:02:48 | Dark | 52.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 104 | 23492 | No |
| 78 | GOM_NL__2PRFIN20060828_070410_000000402050_00392_23492_1607.N1 | 28-AUG-2006 07:04:10 | Dark | 40.000 | 179 | 24Omi2CMa | 3.0320 | 24000. | 80 | 23492 | No |
| 79 | GOM_NL__2PRFIN20060828_070539_000000442050_00392_23492_1608.N1 | 28-AUG-2006 07:05:39 | Dark | 43.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 87 | 23492 | No |
| 80 | GOM_NL__2PRFIN20060828_070720_000000422050_00392_23492_1609.N1 | 28-AUG-2006 07:07:20 | Dark | 42.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 84 | 23492 | No |
| 81 | GOM_NL__2PRFIN20060828_071227_000000402050_00392_23492_1610.N1 | 28-AUG-2006 07:12:27 | Dark | 40.000 | 2 | Alp Car | -0.73600 | 7000.0 | 80 | 23492 | No |
| 82 | GOM_NL__2PRFIN20060828_072352_000000432050_00393_23493_1592.N1 | 28-AUG-2006 07:23:52 | Dark | 42.500 | 9 | Alp Eri | 0.45300 | 24000. | 85 | 23493 | No |
| 83 | GOM_NL__2PRFIN20060828_073212_000000422050_00393_23493_1593.N1 | 28-AUG-2006 07:32:12 | Straylight | 42.000 | 31 | Alp Gru | 1.7340 | 15200. | 84 | 23493 | No |
| 84 | GOM_NL__2PRFIN20060828_073503_000000402050_00393_23493_1594.N1 | 28-AUG-2006 07:35:03 | Straylight | 39.500 | 172 | Gam Gru | 3.0030 | 13100. | 79 | 23493 | No |
| 85 | GOM_NL__2PRFIN20060828_074114_000000442050_00393_23493_1595.N1 | 28-AUG-2006 07:41:14 | Bright | 43.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 87 | 23493 | No |
| 86 | GOM_NL__2PRFIN20060828_074425_000000382050_00393_23493_1596.N1 | 28-AUG-2006 07:44:25 | Bright | 38.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 76 | 23493 | No |
| 87 | GOM_NL__2PRFIN20060828_074901_000000402050_00393_23493_1597.N1 | 28-AUG-2006 07:49:01 | Bright | 40.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 80 | 23493 | No |
| 88 | GOM_NL__2PRFIN20060828_075548_000000352050_00393_23493_1598.N1 | 28-AUG-2006 07:55:48 | Bright | 34.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 69 | 23493 | No |
| 89 | GOM_NL__2PRFIN20060828_075737_000000372050_00393_23493_1599.N1 | 28-AUG-2006 07:57:37 | Bright | 36.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 73 | 23493 | No |
| 90 | GOM_NL__2PRFIN20060828_075900_000000382050_00393_23493_1600.N1 | 28-AUG-2006 07:59:00 | Bright | 37.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 75 | 23493 | No |
| 91 | GOM_NL__2PRFIN20060828_080404_000000372050_00393_23493_1601.N1 | 28-AUG-2006 08:04:04 | Bright | 36.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 73 | 23493 | No |
| 92 | GOM_NL__2PRFIN20060828_081137_000000342050_00393_23493_1602.N1 | 28-AUG-2006 08:11:37 | Bright | 33.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 67 | 23493 | No |
| 93 | GOM_NL__2PRFIN20060828_082827_000000542050_00393_23493_1603.N1 | 28-AUG-2006 08:28:27 | Bright | 54.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 108 | 23493 | No |
| 94 | GOM_NL__2PRFIN20060828_083101_000000322050_00393_23493_1604.N1 | 28-AUG-2006 08:31:01 | Bright | 32.000 | 170 | 27Eps Gem | 3.0000 | 9700.0 | 64 | 23493 | No |
| 95 | GOM_NL__2PRFIN20060828_083601_000000532050_00393_23493_1605.N1 | 28-AUG-2006 08:36:01 | Twilight | 52.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 105 | 23493 | No |
| 96 | GOM_NL__2PRFIN20060828_084324_000000492050_00393_23493_1606.N1 | 28-AUG-2006 08:43:24 | Dark | 49.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 98 | 23493 | No |
| 97 | GOM_NL__2PRFIN20060828_084447_000000402050_00393_23493_1607.N1 | 28-AUG-2006 08:44:47 | Dark | 39.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 79 | 23493 | No |
| 98 | GOM_NL__2PRFIN20060828_084615_000000412050_00393_23493_1608.N1 | 28-AUG-2006 08:46:15 | Dark | 41.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 82 | 23493 | No |
| 99 | GOM_NL__2PRFIN20060828_084756_000000442050_00393_23493_1609.N1 | 28-AUG-2006 08:47:56 | Dark | 43.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 87 | 23493 | No |
| 100 | GOM_NL__2PRFIN20060828_085303_000000532050_00393_23493_1610.N1 | 28-AUG-2006 08:53:03 | Dark | 53.000 | 2 | Alp Car | -0.73600 | 7000.0 | 106 | 23493 | No |
| 101 | GOM_NL__2PRFIN20060828_090428_000000432050_00394_23494_1592.N1 | 28-AUG-2006 09:04:28 | Dark | 42.500 | 9 | Alp Eri | 0.45300 | 24000. | 85 | 23494 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20060828_091248_000000422050_00394_23494_1593.N1 | 28-AUG-2006 09:12:48 | Straylight | 42.000 | 31 | Alp Gru | 1.7340 | 15200. | 84 | 23494 | No |
| 103 | GOM_NL__2PRFIN20060828_091540_000000392050_00394_23494_1594.N1 | 28-AUG-2006 09:15:40 | Straylight | 39.000 | 172 | Gam Gru | 3.0030 | 13100. | 78 | 23494 | No |
| 104 | GOM_NL__2PRFIN20060828_092150_000000502050_00394_23494_1595.N1 | 28-AUG-2006 09:21:50 | Bright | 49.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 99 | 23494 | No |
| 105 | GOM_NL__2PRFIN20060828_092501_000000392050_00394_23494_1596.N1 | 28-AUG-2006 09:25:01 | Bright | 38.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 77 | 23494 | No |
| 106 | GOM_NL__2PRFIN20060828_092636_000000312050_00394_23494_1597.N1 | 28-AUG-2006 09:26:36 | Bright | 31.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 62 | 23494 | No |
| 107 | GOM_NL__2PRFIN20060828_092937_000000402050_00394_23494_1598.N1 | 28-AUG-2006 09:29:37 | Bright | 39.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 79 | 23494 | No |
| 108 | GOM_NL__2PRFIN20060828_093624_000000362050_00394_23494_1599.N1 | 28-AUG-2006 09:36:24 | Bright | 36.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 72 | 23494 | No |
| 109 | GOM_NL__2PRFIN20060828_093813_000000342050_00394_23494_1600.N1 | 28-AUG-2006 09:38:13 | Bright | 34.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 68 | 23494 | No |
| 110 | GOM_NL__2PRFIN20060828_093935_000000372050_00394_23494_1601.N1 | 28-AUG-2006 09:39:35 | Bright | 36.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 73 | 23494 | No |
| 111 | GOM_NL__2PRFIN20060828_094440_000000352050_00394_23494_1602.N1 | 28-AUG-2006 09:44:40 | Bright | 35.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 70 | 23494 | No |
| 112 | GOM_NL__2PRFIN20060828_095213_000000362050_00394_23494_1603.N1 | 28-AUG-2006 09:52:13 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 23494 | No |
| 113 | GOM_NL__2PRFIN20060828_100903_000000542050_00394_23494_1604.N1 | 28-AUG-2006 10:09:03 | Bright | 54.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 108 | 23494 | No |
| 114 | GOM_NL__2PRFIN20060828_101637_000000432050_00394_23494_1605.N1 | 28-AUG-2006 10:16:37 | Twilight | 43.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 86 | 23494 | No |
| 115 | GOM_NL__2PRFIN20060828_102401_000000482050_00394_23494_1606.N1 | 28-AUG-2006 10:24:01 | Dark | 48.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 96 | 23494 | No |
| 116 | GOM_NL__2PRFIN20060828_102523_000000392050_00394_23494_1607.N1 | 28-AUG-2006 10:25:23 | Dark | 39.000 | 179 | 24Omi2CMa | 3.0320 | 24000. | 78 | 23494 | No |
| 117 | GOM_NL__2PRFIN20060828_102651_000000402050_00394_23494_1608.N1 | 28-AUG-2006 10:26:51 | Dark | 40.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 80 | 23494 | No |
| 118 | GOM_NL__2PRFIN20060828_102833_000000392050_00394_23494_1609.N1 | 28-AUG-2006 10:28:33 | Dark | 39.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 78 | 23494 | No |
| 119 | GOM_NL__2PRFIN20060828_103339_000000532050_00394_23494_1610.N1 | 28-AUG-2006 10:33:39 | Dark | 53.000 | 2 | Alp Car | -0.73600 | 7000.0 | 106 | 23494 | No |
| 120 | GOM_NL__2PRFIN20060828_104505_000000452050_00395_23495_1592.N1 | 28-AUG-2006 10:45:05 | Dark | 44.500 | 9 | Alp Eri | 0.45300 | 24000. | 89 | 23495 | No |
| 121 | GOM_NL__2PRFIN20060828_105324_000000422050_00395_23495_1593.N1 | 28-AUG-2006 10:53:24 | Straylight | 42.000 | 31 | Alp Gru | 1.7340 | 15200. | 84 | 23495 | No |
| 122 | GOM_NL__2PRFIN20060828_105616_000000392050_00395_23495_1594.N1 | 28-AUG-2006 10:56:16 | Straylight | 39.000 | 172 | Gam Gru | 3.0030 | 13100. | 78 | 23495 | No |
| 123 | GOM_NL__2PRFIN20060828_110226_000000482050_00395_23495_1595.N1 | 28-AUG-2006 11:02:26 | Bright | 48.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 96 | 23495 | No |
| 124 | GOM_NL__2PRFIN20060828_110537_000000392050_00395_23495_1596.N1 | 28-AUG-2006 11:05:37 | Bright | 39.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 78 | 23495 | No |
| 125 | GOM_NL__2PRFIN20060828_110711_000000312050_00395_23495_1597.N1 | 28-AUG-2006 11:07:11 | Bright | 31.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 62 | 23495 | No |
| 126 | GOM_NL__2PRFIN20060828_111013_000000382050_00395_23495_1598.N1 | 28-AUG-2006 11:10:13 | Bright | 38.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 76 | 23495 | No |
| 127 | GOM_NL__2PRFIN20060828_111700_000000382050_00395_23495_1599.N1 | 28-AUG-2006 11:17:00 | Bright | 37.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 75 | 23495 | No |
| 128 | GOM_NL__2PRFIN20060828_111849_000000342050_00395_23495_1600.N1 | 28-AUG-2006 11:18:49 | Bright | 34.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 68 | 23495 | No |
| 129 | GOM_NL__2PRFIN20060828_112011_000000522050_00395_23495_1601.N1 | 28-AUG-2006 11:20:11 | Bright | 52.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 104 | 23495 | No |
| 130 | GOM_NL__2PRFIN20060828_112516_000000372050_00395_23495_1602.N1 | 28-AUG-2006 11:25:16 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 23495 | No |
| 131 | GOM_NL__2PRFIN20060828_113249_000000362050_00395_23495_1603.N1 | 28-AUG-2006 11:32:49 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 23495 | No |
| 132 | GOM_NL__2PRFIN20060828_114939_000000372050_00395_23495_1604.N1 | 28-AUG-2006 11:49:39 | Bright | 36.500 | 24 | 66Alp Gem | 1.5800 | 10200. | 73 | 23495 | No |
| 133 | GOM_NL__2PRFIN20060828_115713_000000492050_00395_23495_1605.N1 | 28-AUG-2006 11:57:13 | Twilight | 49.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 98 | 23495 | No |
| 134 | GOM_NL__2PRFIN20060828_120437_000000462050_00395_23495_1606.N1 | 28-AUG-2006 12:04:37 | Dark | 46.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 92 | 23495 | No |
| 135 | GOM_NL__2PRFIN20060828_120559_000000412050_00395_23495_1607.N1 | 28-AUG-2006 12:05:59 | Dark | 40.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 81 | 23495 | No |
| 136 | GOM_NL__2PRFIN20060828_120728_000000442050_00395_23495_1608.N1 | 28-AUG-2006 12:07:28 | Dark | 44.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 88 | 23495 | No |
| 137 | GOM_NL__2PRFIN20060828_120909_000000432050_00395_23495_1609.N1 | 28-AUG-2006 12:09:09 | Dark | 42.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 85 | 23495 | No |
| 138 | GOM_NL__2PRFIN20060828_121416_000000512050_00395_23495_1610.N1 | 28-AUG-2006 12:14:16 | Dark | 50.500 | 2 | Alp Car | -0.73600 | 7000.0 | 101 | 23495 | No |
| 139 | GOM_NL__2PRFIN20060828_122541_000000442050_00396_23496_1592.N1 | 28-AUG-2006 12:25:41 | Dark | 43.500 | 9 | Alp Eri | 0.45300 | 24000. | 87 | 23496 | No |
| 140 | GOM_NL__2PRFIN20060828_123400_000000392050_00396_23496_1593.N1 | 28-AUG-2006 12:34:00 | Straylight | 38.500 | 31 | Alp Gru | 1.7340 | 15200. | 77 | 23496 | No |
| 141 | GOM_NL__2PRFIN20060828_123652_000000392050_00396_23496_1594.N1 | 28-AUG-2006 12:36:52 | Straylight | 38.500 | 172 | Gam Gru | 3.0030 | 13100. | 77 | 23496 | No |
| 142 | GOM_NL__2PRFIN20060828_124302_000000452050_00396_23496_1595.N1 | 28-AUG-2006 12:43:02 | Bright | 44.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 89 | 23496 | No |
| 143 | GOM_NL__2PRFIN20060828_124613_000000392050_00396_23496_1596.N1 | 28-AUG-2006 12:46:13 | Bright | 39.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 78 | 23496 | No |
| 144 | GOM_NL__2PRFIN20060828_124747_000000402050_00396_23496_1597.N1 | 28-AUG-2006 12:47:47 | Bright | 40.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 80 | 23496 | No |
| 145 | GOM_NL__2PRFIN20060828_125049_000000382050_00396_23496_1598.N1 | 28-AUG-2006 12:50:49 | Bright | 38.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 76 | 23496 | No |
| 146 | GOM_NL__2PRFIN20060828_125736_000000362050_00396_23496_1599.N1 | 28-AUG-2006 12:57:36 | Bright | 36.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 72 | 23496 | No |
| 147 | GOM_NL__2PRFIN20060828_125925_000000332050_00396_23496_1600.N1 | 28-AUG-2006 12:59:25 | Bright | 33.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 66 | 23496 | No |
| 148 | GOM_NL__2PRFIN20060828_130047_000000352050_00396_23496_1601.N1 | 28-AUG-2006 13:00:47 | Bright | 34.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 69 | 23496 | No |
| 149 | GOM_NL__2PRFIN20060828_130551_000000382050_00396_23496_1602.N1 | 28-AUG-2006 13:05:51 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 23496 | No |
| 150 | GOM_NL__2PRFIN20060828_131325_000000362050_00396_23496_1603.N1 | 28-AUG-2006 13:13:25 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 23496 | No |
| 151 | GOM_NL__2PRFIN20060828_133015_000000352050_00396_23496_1604.N1 | 28-AUG-2006 13:30:15 | Bright | 35.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 70 | 23496 | No |
| 152 | GOM_NL__2PRFIN20060828_133750_000000432050_00396_23496_1605.N1 | 28-AUG-2006 13:37:50 | Twilight | 42.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 85 | 23496 | No |
| 153 | GOM_NL__2PRFIN20060828_134513_000000472050_00396_23496_1606.N1 | 28-AUG-2006 13:45:13 | Dark | 47.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 94 | 23496 | No |
| 154 | GOM_NL__2PRFIN20060828_134636_000000402050_00396_23496_1607.N1 | 28-AUG-2006 13:46:36 | Dark | 39.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 79 | 23496 | No |
| 155 | GOM_NL__2PRFIN20060828_134804_000000442050_00396_23496_1608.N1 | 28-AUG-2006 13:48:04 | Dark | 43.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 87 | 23496 | No |
| 156 | GOM_NL__2PRFIN20060828_134945_000000432050_00396_23496_1609.N1 | 28-AUG-2006 13:49:45 | Dark | 42.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 85 | 23496 | No |
| 157 | GOM_NL__2PRFIN20060828_135452_000000532050_00396_23496_1610.N1 | 28-AUG-2006 13:54:52 | Dark | 53.000 | 2 | Alp Car | -0.73600 | 7000.0 | 106 | 23496 | No |
| 158 | GOM_NL__2PRFIN20060828_140618_000000462050_00397_23497_1612.N1 | 28-AUG-2006 14:06:18 | Dark | 45.500 | 9 | Alp Eri | 0.45300 | 24000. | 91 | 23497 | No |
| 159 | GOM_NL__2PRFIN20060828_141437_000000392050_00397_23497_1613.N1 | 28-AUG-2006 14:14:37 | Straylight | 38.500 | 31 | Alp Gru | 1.7340 | 15200. | 77 | 23497 | No |
| 160 | GOM_NL__2PRFIN20060828_141728_000000372050_00397_23497_1614.N1 | 28-AUG-2006 14:17:28 | Straylight | 37.000 | 172 | Gam Gru | 3.0030 | 13100. | 74 | 23497 | No |

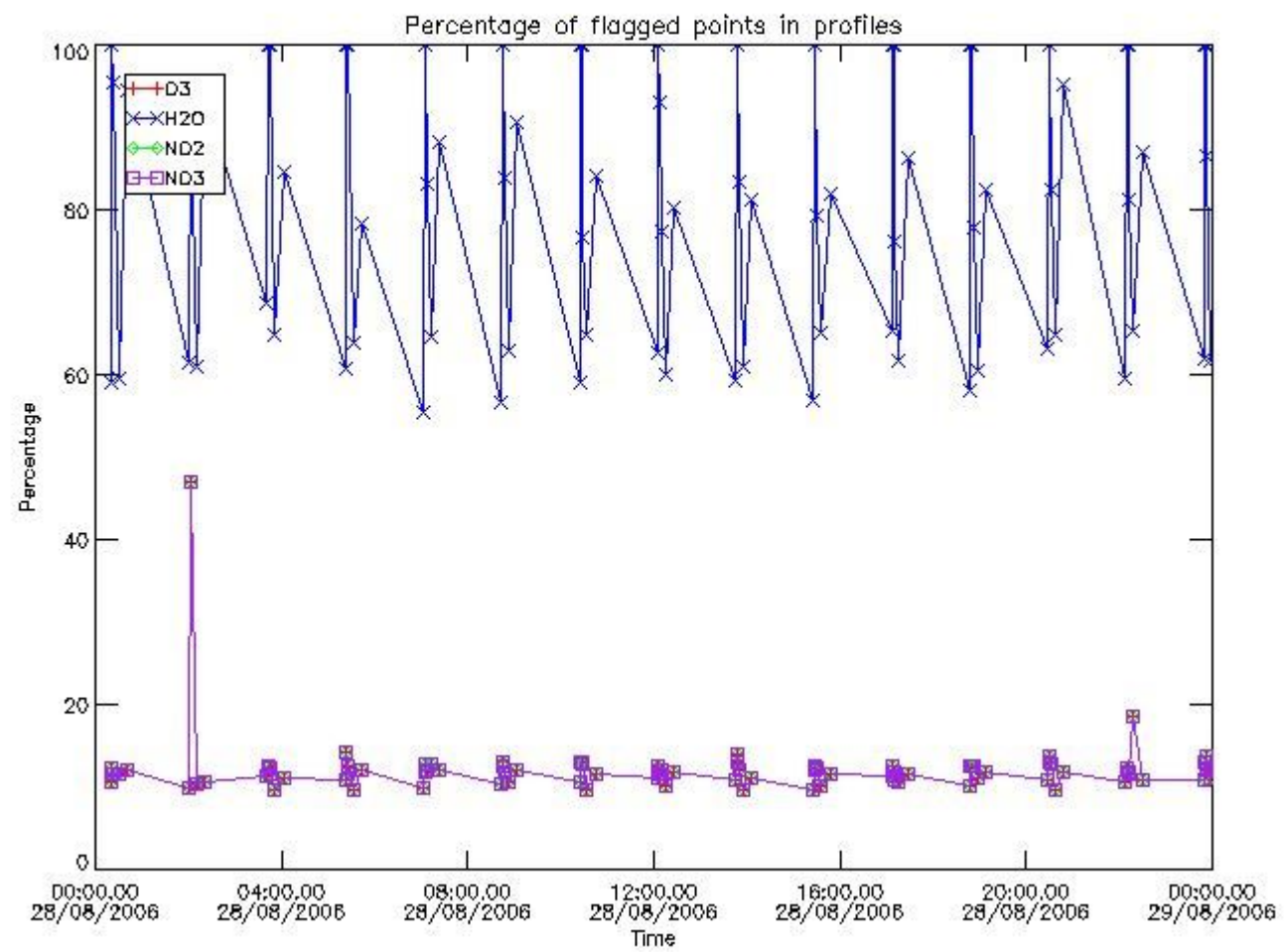
| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20060828_142338_000000542050_00397_23497_1615.N1 | 28-AUG-2006 14:23:38 | Bright | 54.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 108 | 23497 | No |
| 162 | GOM_NL__2PRFIN20060828_142649_000000392050_00397_23497_1616.N1 | 28-AUG-2006 14:26:49 | Bright | 39.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 78 | 23497 | No |
| 163 | GOM_NL__2PRFIN20060828_142823_000000402050_00397_23497_1617.N1 | 28-AUG-2006 14:28:23 | Bright | 40.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 80 | 23497 | No |
| 164 | GOM_NL__2PRFIN20060828_143124_000000402050_00397_23497_1618.N1 | 28-AUG-2006 14:31:24 | Bright | 40.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 80 | 23497 | No |
| 165 | GOM_NL__2PRFIN20060828_143812_000000372050_00397_23497_1619.N1 | 28-AUG-2006 14:38:12 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 23497 | No |
| 166 | GOM_NL__2PRFIN20060828_144001_000000342050_00397_23497_1620.N1 | 28-AUG-2006 14:40:01 | Bright | 33.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 67 | 23497 | No |
| 167 | GOM_NL__2PRFIN20060828_144123_000000352050_00397_23497_1621.N1 | 28-AUG-2006 14:41:23 | Bright | 34.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 69 | 23497 | No |
| 168 | GOM_NL__2PRFIN20060828_144627_000000372050_00397_23497_1622.N1 | 28-AUG-2006 14:46:27 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 23497 | No |
| 169 | GOM_NL__2PRFIN20060828_145401_000000342050_00397_23497_1623.N1 | 28-AUG-2006 14:54:01 | Bright | 34.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 68 | 23497 | No |
| 170 | GOM_NL__2PRFIN20060828_151051_000000372050_00397_23497_1624.N1 | 28-AUG-2006 15:10:51 | Bright | 36.500 | 24 | 66Alp Gem | 1.5800 | 10200. | 73 | 23497 | No |
| 171 | GOM_NL__2PRFIN20060828_151826_000000432050_00397_23497_1625.N1 | 28-AUG-2006 15:18:26 | Twilight | 42.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 85 | 23497 | No |
| 172 | GOM_NL__2PRFIN20060828_152550_000000532050_00397_23497_1626.N1 | 28-AUG-2006 15:25:50 | Dark | 52.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 105 | 23497 | No |
| 173 | GOM_NL__2PRFIN20060828_152712_000000412050_00397_23497_1627.N1 | 28-AUG-2006 15:27:12 | Dark | 41.000 | 179 | 24Omi2CMa | 3.0320 | 24000. | 82 | 23497 | No |
| 174 | GOM_NL__2PRFIN20060828_152840_000000422050_00397_23497_1628.N1 | 28-AUG-2006 15:28:40 | Dark | 42.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 84 | 23497 | No |
| 175 | GOM_NL__2PRFIN20060828_153021_000000422050_00397_23497_1629.N1 | 28-AUG-2006 15:30:21 | Dark | 41.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 83 | 23497 | No |
| 176 | GOM_NL__2PRFIN20060828_153528_000000512050_00397_23497_1630.N1 | 28-AUG-2006 15:35:28 | Dark | 50.500 | 2 | Alp Car | -0.73600 | 7000.0 | 101 | 23497 | No |
| 177 | GOM_NL__2PRFIN20060828_154654_000000452050_00398_23498_1612.N1 | 28-AUG-2006 15:46:54 | Dark | 44.500 | 9 | Alp Eri | 0.45300 | 24000. | 89 | 23498 | No |
| 178 | GOM_NL__2PRFIN20060828_155513_000000402050_00398_23498_1613.N1 | 28-AUG-2006 15:55:13 | Straylight | 40.000 | 31 | Alp Gru | 1.7340 | 15200. | 80 | 23498 | No |
| 179 | GOM_NL__2PRFIN20060828_155804_000000392050_00398_23498_1614.N1 | 28-AUG-2006 15:58:04 | Straylight | 39.000 | 172 | Gam Gru | 3.0030 | 13100. | 78 | 23498 | No |
| 180 | GOM_NL__2PRFIN20060828_160414_000000542050_00398_23498_1615.N1 | 28-AUG-2006 16:04:14 | Bright | 54.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 108 | 23498 | No |
| 181 | GOM_NL__2PRFIN20060828_160725_000000392050_00398_23498_1616.N1 | 28-AUG-2006 16:07:25 | Bright | 39.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 78 | 23498 | No |
| 182 | GOM_NL__2PRFIN20060828_160859_000000422050_00398_23498_1617.N1 | 28-AUG-2006 16:08:59 | Bright | 42.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 84 | 23498 | No |
| 183 | GOM_NL__2PRFIN20060828_161200_000000402050_00398_23498_1618.N1 | 28-AUG-2006 16:12:00 | Bright | 40.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 80 | 23498 | No |
| 184 | GOM_NL__2PRFIN20060828_161848_000000372050_00398_23498_1619.N1 | 28-AUG-2006 16:18:48 | Bright | 36.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 73 | 23498 | No |
| 185 | GOM_NL__2PRFIN20060828_162037_000000362050_00398_23498_1620.N1 | 28-AUG-2006 16:20:37 | Bright | 35.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 71 | 23498 | No |
| 186 | GOM_NL__2PRFIN20060828_162159_000000342050_00398_23498_1621.N1 | 28-AUG-2006 16:21:59 | Bright | 33.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 67 | 23498 | No |
| 187 | GOM_NL__2PRFIN20060828_162703_000000382050_00398_23498_1622.N1 | 28-AUG-2006 16:27:03 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 23498 | No |
| 188 | GOM_NL__2PRFIN20060828_163437_000000362050_00398_23498_1623.N1 | 28-AUG-2006 16:34:37 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 23498 | No |
| 189 | GOM_NL__2PRFIN20060828_165127_000000372050_00398_23498_1624.N1 | 28-AUG-2006 16:51:27 | Bright | 36.500 | 24 | 66Alp Gem | 1.5800 | 10200. | 73 | 23498 | No |
| 190 | GOM_NL__2PRFIN20060828_165902_000000462050_00398_23498_1625.N1 | 28-AUG-2006 16:59:02 | Twilight | 46.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 92 | 23498 | No |
| 191 | GOM_NL__2PRFIN20060828_170626_000000452050_00398_23498_1626.N1 | 28-AUG-2006 17:06:26 | Dark | 45.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 90 | 23498 | No |
| 192 | GOM_NL__2PRFIN20060828_170749_000000412050_00398_23498_1627.N1 | 28-AUG-2006 17:07:49 | Dark | 40.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 81 | 23498 | No |
| 193 | GOM_NL__2PRFIN20060828_170917_000000442050_00398_23498_1628.N1 | 28-AUG-2006 17:09:17 | Dark | 43.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 87 | 23498 | No |
| 194 | GOM_NL__2PRFIN20060828_171058_000000472050_00398_23498_1629.N1 | 28-AUG-2006 17:10:58 | Dark | 46.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 93 | 23498 | No |
| 195 | GOM_NL__2PRFIN20060828_171605_000000532050_00398_23498_1630.N1 | 28-AUG-2006 17:16:05 | Dark | 52.500 | 2 | Alp Car | -0.73600 | 7000.0 | 105 | 23498 | No |
| 196 | GOM_NL__2PRFIN20060828_172731_000000442050_00399_23499_1612.N1 | 28-AUG-2006 17:27:31 | Dark | 43.500 | 9 | Alp Eri | 0.45300 | 24000. | 87 | 23499 | No |
| 197 | GOM_NL__2PRFIN20060828_173549_000000442050_00399_23499_1613.N1 | 28-AUG-2006 17:35:49 | Straylight | 44.000 | 31 | Alp Gru | 1.7340 | 15200. | 88 | 23499 | No |
| 198 | GOM_NL__2PRFIN20060828_173840_000000402050_00399_23499_1614.N1 | 28-AUG-2006 17:38:40 | Straylight | 39.500 | 172 | Gam Gru | 3.0030 | 13100. | 79 | 23499 | No |
| 199 | GOM_NL__2PRFIN20060828_174450_000000462050_00399_23499_1615.N1 | 28-AUG-2006 17:44:50 | Bright | 45.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 91 | 23499 | No |
| 200 | GOM_NL__2PRFIN20060828_174801_000000392050_00399_23499_1616.N1 | 28-AUG-2006 17:48:01 | Bright | 39.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 78 | 23499 | No |
| 201 | GOM_NL__2PRFIN20060828_174935_000000412050_00399_23499_1617.N1 | 28-AUG-2006 17:49:35 | Bright | 40.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 81 | 23499 | No |
| 202 | GOM_NL__2PRFIN20060828_175236_000000392050_00399_23499_1618.N1 | 28-AUG-2006 17:52:36 | Bright | 38.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 77 | 23499 | No |
| 203 | GOM_NL__2PRFIN20060828_175924_000000362050_00399_23499_1619.N1 | 28-AUG-2006 17:59:24 | Bright | 36.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 72 | 23499 | No |
| 204 | GOM_NL__2PRFIN20060828_180113_000000372050_00399_23499_1620.N1 | 28-AUG-2006 18:01:13 | Bright | 37.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 74 | 23499 | No |
| 205 | GOM_NL__2PRFIN20060828_180235_000000382050_00399_23499_1621.N1 | 28-AUG-2006 18:02:35 | Bright | 37.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 75 | 23499 | No |
| 206 | GOM_NL__2PRFIN20060828_180739_000000372050_00399_23499_1622.N1 | 28-AUG-2006 18:07:39 | Bright | 36.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 73 | 23499 | No |
| 207 | GOM_NL__2PRFIN20060828_181513_000000372050_00399_23499_1623.N1 | 28-AUG-2006 18:15:13 | Bright | 37.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 74 | 23499 | No |
| 208 | GOM_NL__2PRFIN20060828_183203_000000352050_00399_23499_1624.N1 | 28-AUG-2006 18:32:03 | Bright | 34.500 | 24 | 66Alp Gem | 1.5800 | 10200. | 69 | 23499 | No |
| 209 | GOM_NL__2PRFIN20060828_183938_000000452050_00399_23499_1625.N1 | 28-AUG-2006 18:39:38 | Twilight | 44.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 89 | 23499 | No |
| 210 | GOM_NL__2PRFIN20060828_184703_000000512050_00399_23499_1626.N1 | 28-AUG-2006 18:47:03 | Dark | 50.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 101 | 23499 | No |
| 211 | GOM_NL__2PRFIN20060828_184825_000000412050_00399_23499_1627.N1 | 28-AUG-2006 18:48:25 | Dark | 41.000 | 179 | 24Omi2CMa | 3.0320 | 24000. | 82 | 23499 | No |
| 212 | GOM_NL__2PRFIN20060828_184953_000000412050_00399_23499_1628.N1 | 28-AUG-2006 18:49:53 | Dark | 41.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 82 | 23499 | No |
| 213 | GOM_NL__2PRFIN20060828_185134_000000412050_00399_23499_1629.N1 | 28-AUG-2006 18:51:34 | Dark | 41.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 82 | 23499 | No |
| 214 | GOM_NL__2PRFIN20060828_185641_000000462050_00399_23499_1630.N1 | 28-AUG-2006 18:56:41 | Dark | 46.000 | 2 | Alp Car | -0.73600 | 7000.0 | 92 | 23499 | No |
| 215 | GOM_NL__2PRFIN20060828_190807_000000432050_00400_23500_1612.N1 | 28-AUG-2006 19:08:07 | Dark | 42.500 | 9 | Alp Eri | 0.45300 | 24000. | 85 | 23500 | No |
| 216 | GOM_NL__2PRFIN20060828_191625_000000452050_00400_23500_1613.N1 | 28-AUG-2006 19:16:25 | Straylight | 44.500 | 31 | Alp Gru | 1.7340 | 15200. | 89 | 23500 | No |
| 217 | GOM_NL__2PRFIN20060828_192029_000000252050_00400_23500_1614.N1 | 28-AUG-2006 19:20:29 | Straylight | 25.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 50 | 23500 | No |
| 218 | GOM_NL__2PRFIN20060828_192526_000000442050_00400_23500_1615.N1 | 28-AUG-2006 19:25:26 | Bright | 44.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 88 | 23500 | No |
| 219 | GOM_NL__2PRFIN20060828_192837_000000392050_00400_23500_1616.N1 | 28-AUG-2006 19:28:37 | Bright | 39.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 78 | 23500 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20060828_193011_000000422050_00400_23500_1617.N1 | 28-AUG-2006 19:30:11 | Bright | 41.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 83 | 23500 | No |
| 221 | GOM_NL__2PRFIN20060828_193312_000000392050_00400_23500_1618.N1 | 28-AUG-2006 19:33:12 | Bright | 38.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 77 | 23500 | No |
| 222 | GOM_NL__2PRFIN20060828_194000_000000372050_00400_23500_1619.N1 | 28-AUG-2006 19:40:00 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 23500 | No |
| 223 | GOM_NL__2PRFIN20060828_194149_000000382050_00400_23500_1620.N1 | 28-AUG-2006 19:41:49 | Bright | 37.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 75 | 23500 | No |
| 224 | GOM_NL__2PRFIN20060828_194311_000000372050_00400_23500_1621.N1 | 28-AUG-2006 19:43:11 | Bright | 37.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 74 | 23500 | No |
| 225 | GOM_NL__2PRFIN20060828_194815_000000372050_00400_23500_1622.N1 | 28-AUG-2006 19:48:15 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 23500 | No |
| 226 | GOM_NL__2PRFIN20060828_195549_000000362050_00400_23500_1623.N1 | 28-AUG-2006 19:55:49 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 23500 | No |
| 227 | GOM_NL__2PRFIN20060828_201239_000000432050_00400_23500_1624.N1 | 28-AUG-2006 20:12:39 | Bright | 43.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 86 | 23500 | No |
| 228 | GOM_NL__2PRFIN20060828_202014_000000502050_00400_23500_1625.N1 | 28-AUG-2006 20:20:14 | Twilight | 50.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 100 | 23500 | No |
| 229 | GOM_NL__2PRFIN20060828_202739_000000472050_00400_23500_1626.N1 | 28-AUG-2006 20:27:39 | Dark | 46.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 93 | 23500 | No |
| 230 | GOM_NL__2PRFIN20060828_202901_000000402050_00400_23500_1627.N1 | 28-AUG-2006 20:29:01 | Dark | 39.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 79 | 23500 | No |
| 231 | GOM_NL__2PRFIN20060828_203030_000000412050_00400_23500_1628.N1 | 28-AUG-2006 20:30:30 | Dark | 41.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 82 | 23500 | No |
| 232 | GOM_NL__2PRFIN20060828_203210_000000402050_00400_23500_1629.N1 | 28-AUG-2006 20:32:10 | Dark | 40.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 80 | 23500 | No |
| 233 | GOM_NL__2PRFIN20060828_203717_000000532050_00400_23500_1630.N1 | 28-AUG-2006 20:37:17 | Dark | 53.000 | 2 | Alp Car | -0.73600 | 7000.0 | 106 | 23500 | No |
| 234 | GOM_NL__2PRFIN20060828_204844_000000432050_00401_23501_1612.N1 | 28-AUG-2006 20:48:44 | Dark | 42.500 | 9 | Alp Eri | 0.45300 | 24000. | 85 | 23501 | No |
| 235 | GOM_NL__2PRFIN20060828_205701_000000412050_00401_23501_1613.N1 | 28-AUG-2006 20:57:01 | Straylight | 41.000 | 31 | Alp Gru | 1.7340 | 15200. | 82 | 23501 | No |
| 236 | GOM_NL__2PRFIN20060828_210105_000000252050_00401_23501_1614.N1 | 28-AUG-2006 21:01:05 | Straylight | 25.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 50 | 23501 | No |
| 237 | GOM_NL__2PRFIN20060828_210602_000000442050_00401_23501_1615.N1 | 28-AUG-2006 21:06:02 | Bright | 44.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 88 | 23501 | No |
| 238 | GOM_NL__2PRFIN20060828_210913_000000382050_00401_23501_1616.N1 | 28-AUG-2006 21:09:13 | Bright | 38.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 76 | 23501 | No |
| 239 | GOM_NL__2PRFIN20060828_211047_000000422050_00401_23501_1617.N1 | 28-AUG-2006 21:10:47 | Bright | 41.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 83 | 23501 | No |
| 240 | GOM_NL__2PRFIN20060828_211348_000000392050_00401_23501_1618.N1 | 28-AUG-2006 21:13:48 | Bright | 39.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 78 | 23501 | No |
| 241 | GOM_NL__2PRFIN20060828_212036_000000342050_00401_23501_1619.N1 | 28-AUG-2006 21:20:36 | Bright | 34.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 68 | 23501 | No |
| 242 | GOM_NL__2PRFIN20060828_212225_000000362050_00401_23501_1620.N1 | 28-AUG-2006 21:22:25 | Bright | 35.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 71 | 23501 | No |
| 243 | GOM_NL__2PRFIN20060828_212347_000000382050_00401_23501_1621.N1 | 28-AUG-2006 21:23:47 | Bright | 37.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 75 | 23501 | No |
| 244 | GOM_NL__2PRFIN20060828_212850_000000362050_00401_23501_1622.N1 | 28-AUG-2006 21:28:50 | Bright | 36.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 72 | 23501 | No |
| 245 | GOM_NL__2PRFIN20060828_213624_000000362050_00401_23501_1623.N1 | 28-AUG-2006 21:36:24 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 23501 | No |
| 246 | GOM_NL__2PRFIN20060828_215315_000000542050_00401_23501_1624.N1 | 28-AUG-2006 21:53:15 | Bright | 54.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 108 | 23501 | No |
| 247 | GOM_NL__2PRFIN20060828_220050_000000472050_00401_23501_1625.N1 | 28-AUG-2006 22:00:50 | Twilight | 46.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 93 | 23501 | No |
| 248 | GOM_NL__2PRFIN20060828_220816_000000492050_00401_23501_1626.N1 | 28-AUG-2006 22:08:16 | Dark | 48.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 97 | 23501 | No |
| 249 | GOM_NL__2PRFIN20060828_220938_000000422050_00401_23501_1627.N1 | 28-AUG-2006 22:09:38 | Dark | 41.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 83 | 23501 | No |
| 250 | GOM_NL__2PRFIN20060828_221106_000000452050_00401_23501_1628.N1 | 28-AUG-2006 22:11:06 | Dark | 44.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 89 | 23501 | No |
| 251 | GOM_NL__2PRFIN20060828_221246_000000432050_00401_23501_1629.N1 | 28-AUG-2006 22:12:46 | Dark | 43.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 86 | 23501 | No |
| 252 | GOM_NL__2PRFIN20060828_221753_000000502050_00401_23501_1630.N1 | 28-AUG-2006 22:17:53 | Dark | 49.500 | 2 | Alp Car | -0.73600 | 7000.0 | 99 | 23501 | No |
| 253 | GOM_NL__2PRFIN20060828_222920_000000472050_00402_23502_1612.N1 | 28-AUG-2006 22:29:20 | Dark | 46.500 | 9 | Alp Eri | 0.45300 | 24000. | 93 | 23502 | No |
| 254 | GOM_NL__2PRFIN20060828_223737_000000422050_00402_23502_1613.N1 | 28-AUG-2006 22:37:37 | Straylight | 42.000 | 31 | Alp Gru | 1.7340 | 15200. | 84 | 23502 | No |
| 255 | GOM_NL__2PRFIN20060828_224141_000000312050_00402_23502_1614.N1 | 28-AUG-2006 22:41:41 | Straylight | 31.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 62 | 23502 | No |
| 256 | GOM_NL__2PRFIN20060828_224638_000000432050_00402_23502_1615.N1 | 28-AUG-2006 22:46:38 | Bright | 42.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 85 | 23502 | No |
| 257 | GOM_NL__2PRFIN20060828_224949_000000382050_00402_23502_1616.N1 | 28-AUG-2006 22:49:49 | Bright | 38.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 76 | 23502 | No |
| 258 | GOM_NL__2PRFIN20060828_225122_000000422050_00402_23502_1617.N1 | 28-AUG-2006 22:51:22 | Bright | 41.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 83 | 23502 | No |
| 259 | GOM_NL__2PRFIN20060828_225424_000000392050_00402_23502_1618.N1 | 28-AUG-2006 22:54:24 | Bright | 38.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 77 | 23502 | No |
| 260 | GOM_NL__2PRFIN20060828_230111_000000362050_00402_23502_1619.N1 | 28-AUG-2006 23:01:11 | Bright | 36.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 72 | 23502 | No |
| 261 | GOM_NL__2PRFIN20060828_230301_000000342050_00402_23502_1620.N1 | 28-AUG-2006 23:03:01 | Bright | 33.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 67 | 23502 | No |
| 262 | GOM_NL__2PRFIN20060828_230423_000000362050_00402_23502_1621.N1 | 28-AUG-2006 23:04:23 | Bright | 35.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 71 | 23502 | No |
| 263 | GOM_NL__2PRFIN20060828_230926_000000362050_00402_23502_1622.N1 | 28-AUG-2006 23:09:26 | Bright | 36.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 72 | 23502 | No |
| 264 | GOM_NL__2PRFIN20060828_231700_000000332050_00402_23502_1623.N1 | 28-AUG-2006 23:17:00 | Bright | 33.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 66 | 23502 | No |
| 265 | GOM_NL__2PRFIN20060828_233351_000000542050_00402_23502_1624.N1 | 28-AUG-2006 23:33:51 | Bright | 54.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 108 | 23502 | No |
| 266 | GOM_NL__2PRFIN20060828_234127_000000422050_00402_23502_1625.N1 | 28-AUG-2006 23:41:27 | Twilight | 41.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 83 | 23502 | No |
| 267 | GOM_NL__2PRFIN20060828_234852_000000472050_00402_23502_1626.N1 | 28-AUG-2006 23:48:52 | Dark | 46.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 93 | 23502 | No |
| 268 | GOM_NL__2PRFIN20060828_235014_000000402050_00402_23502_1627.N1 | 28-AUG-2006 23:50:14 | Dark | 39.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 79 | 23502 | No |
| 269 | GOM_NL__2PRFIN20060828_235142_000000432050_00402_23502_1628.N1 | 28-AUG-2006 23:51:42 | Dark | 42.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 85 | 23502 | No |
| 270 | GOM_NL__2PRFIN20060828_235323_000000412050_00402_23502_1629.N1 | 28-AUG-2006 23:53:23 | Dark | 41.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 82 | 23502 | No |
| 271 | GOM_NL__2PRFIN20060828_235830_000000462050_00402_23502_1630.N1 | 28-AUG-2006 23:58:30 | Dark | 46.000 | 2 | Alp Car | -0.73600 | 7000.0 | 92 | 23502 | No |

3. Quality information per product

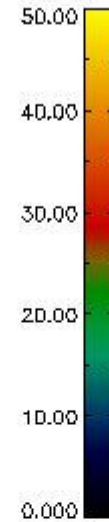
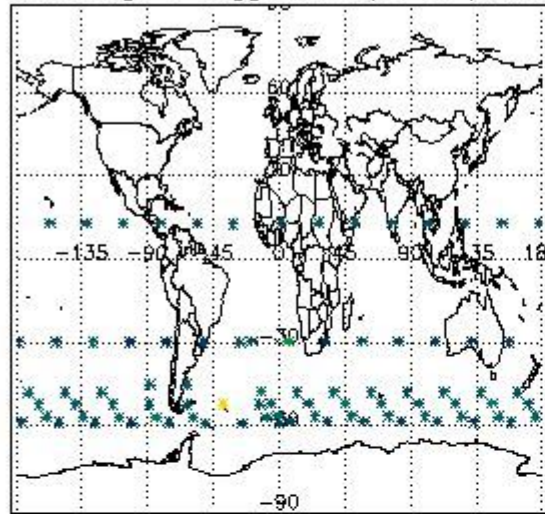
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

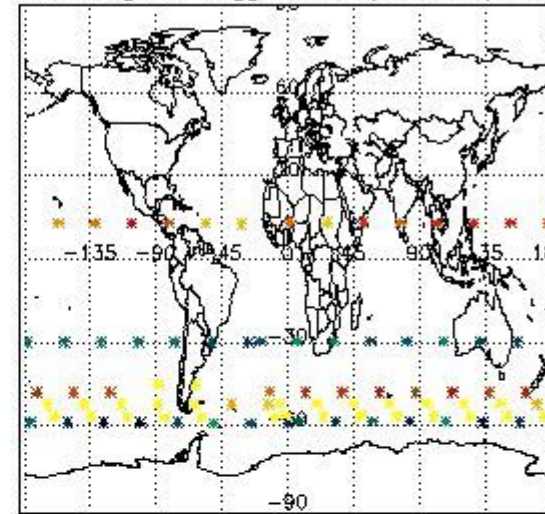


3.2 Plot quality information per product (world map)

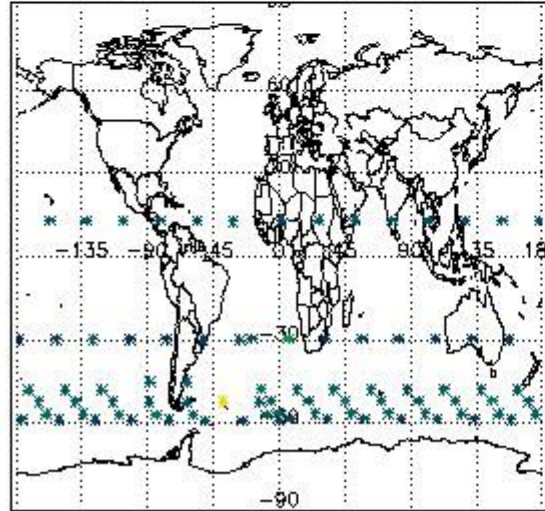
Percentage of flagged data per O3 profile



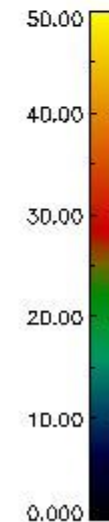
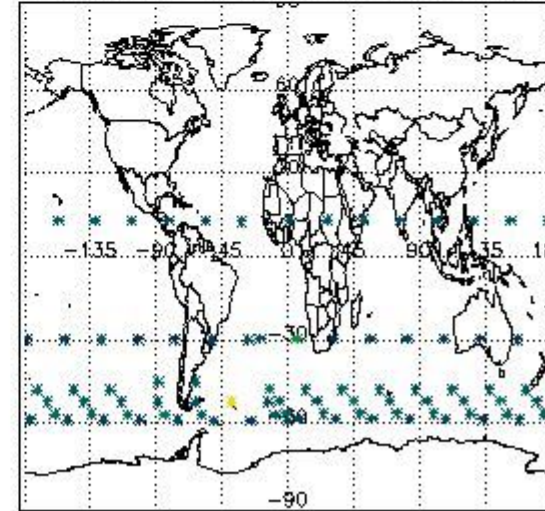
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

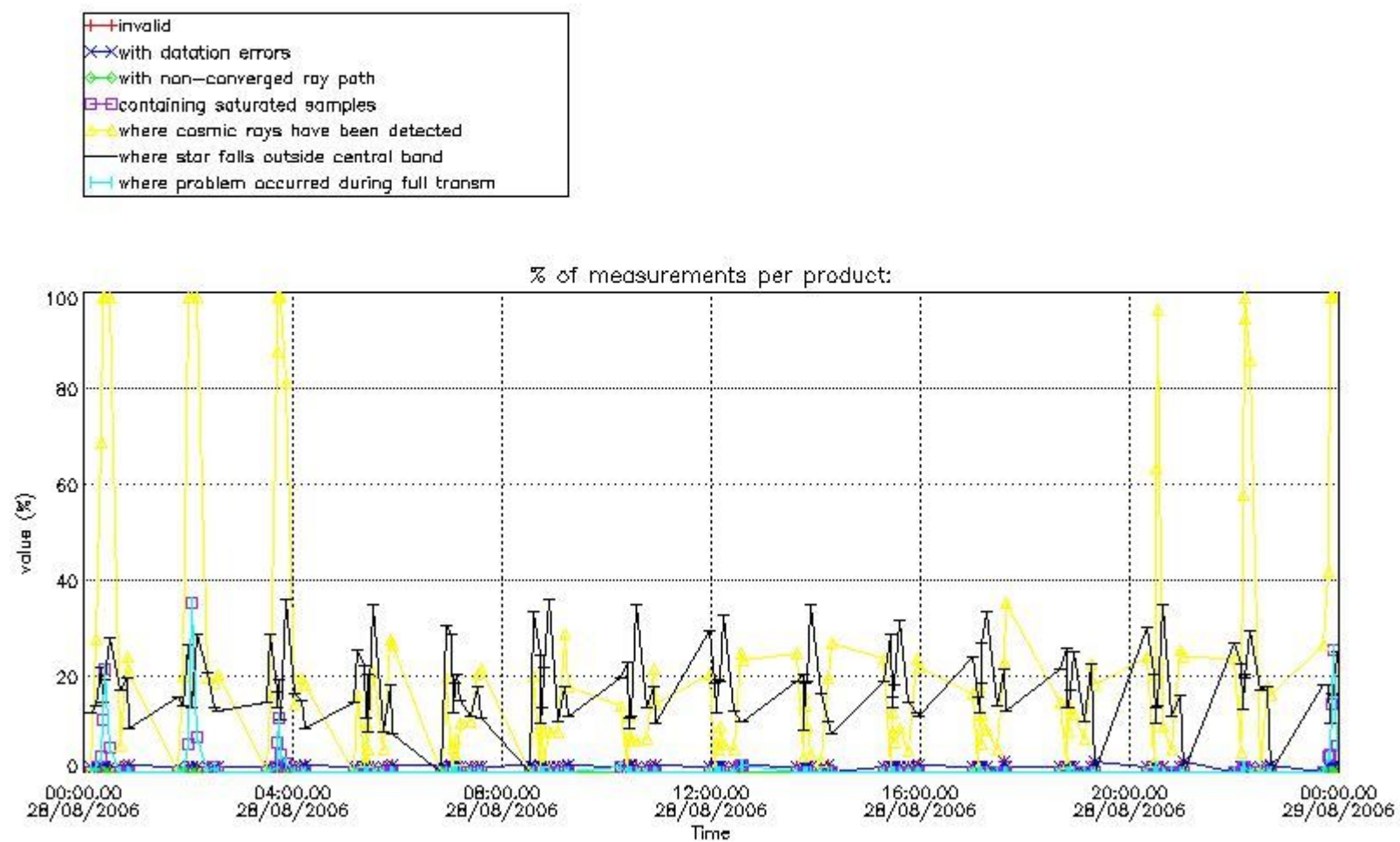


4. Level 1 quality information per product

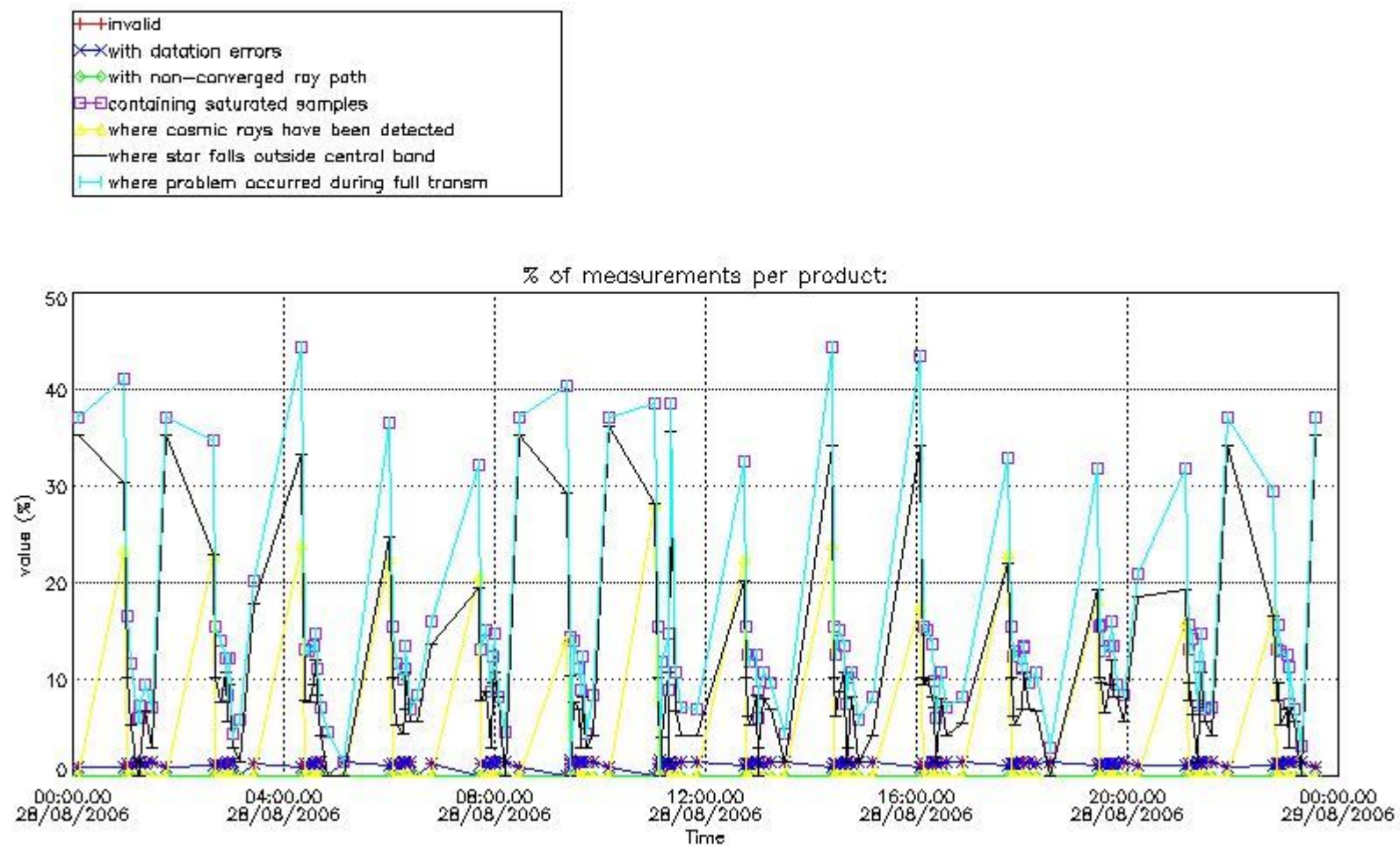
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



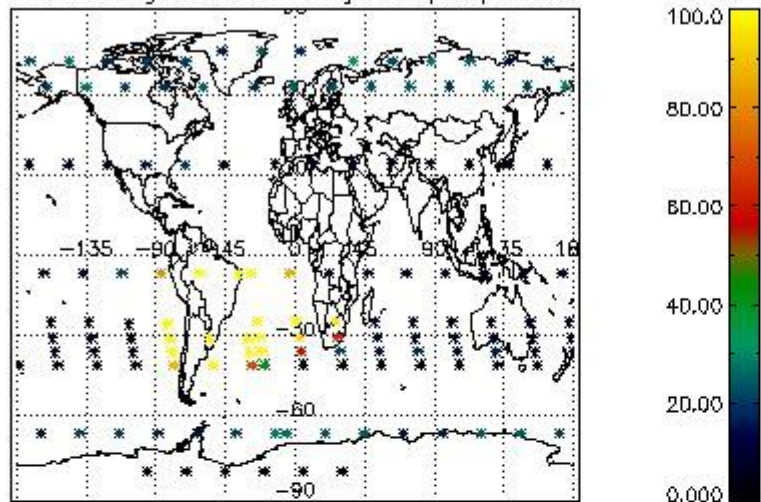
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



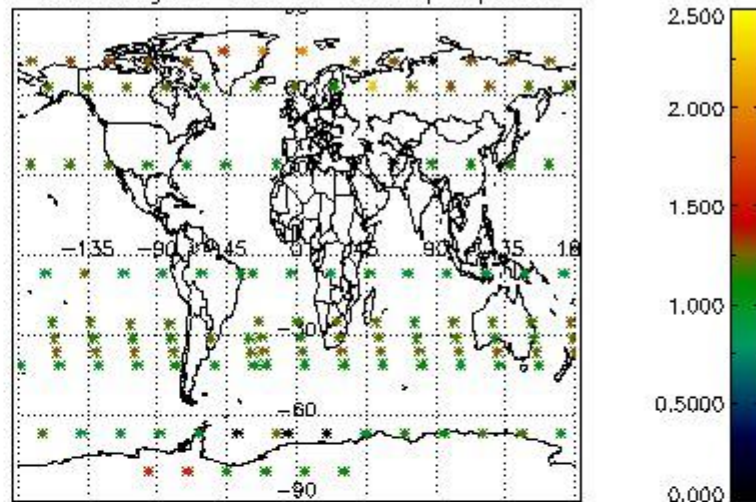
4.2 Plot quality information per product coming from level 1b processing (world map)

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

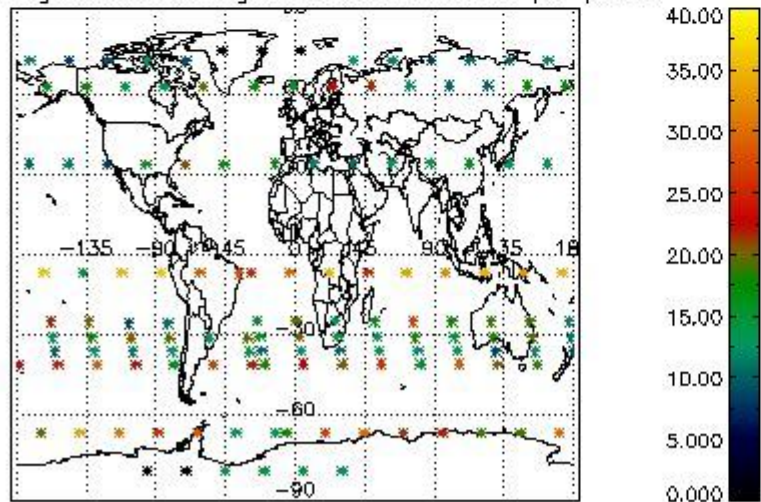
Percentage of cosmic ray hits per profile



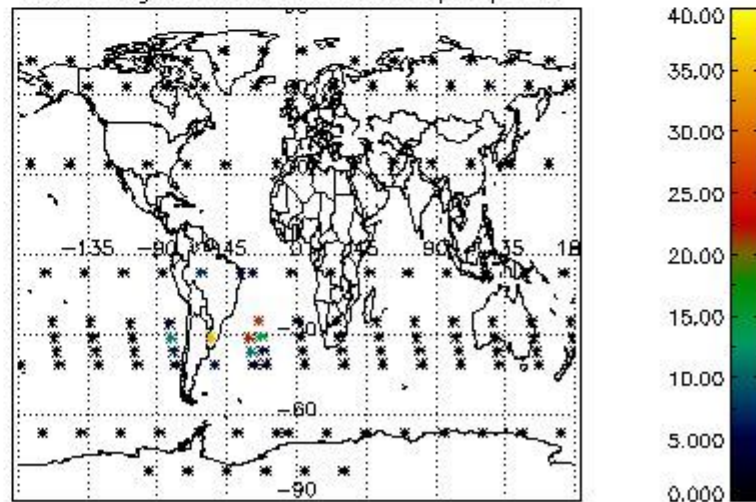
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

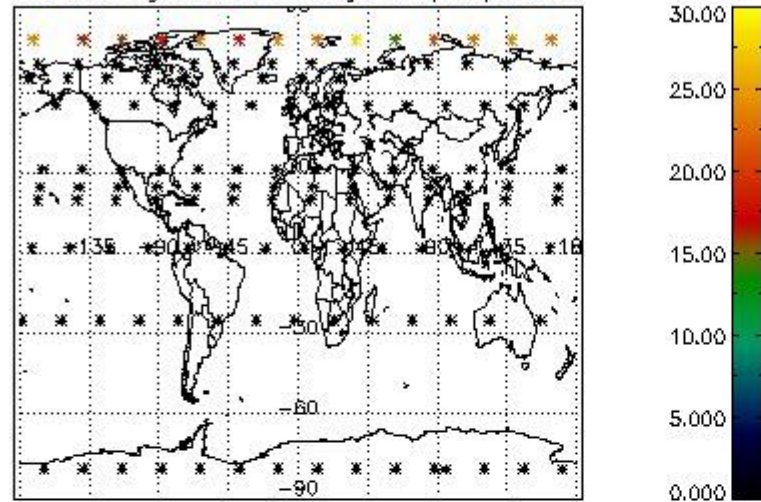


Percentage of saturation errors per profile

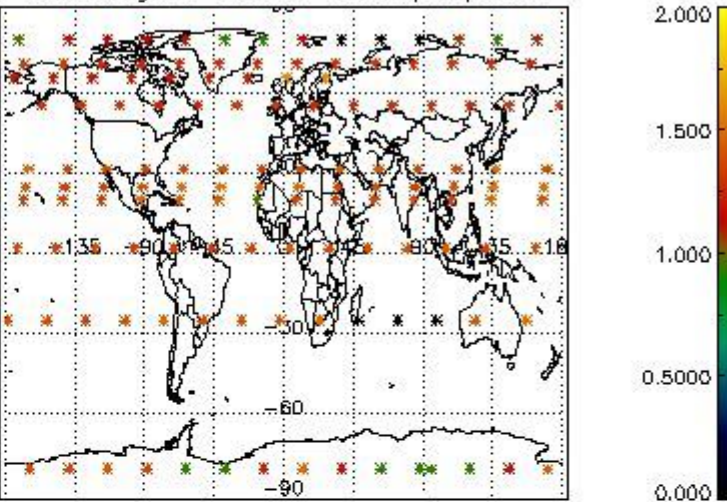


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

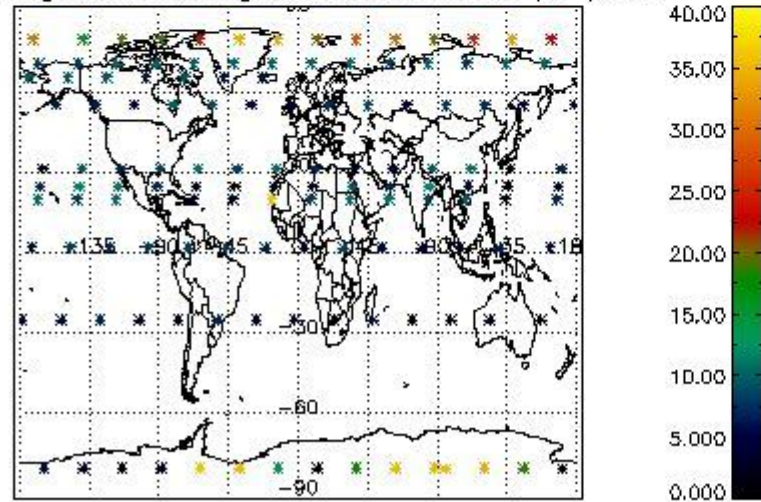
Percentage of cosmic ray hits per profile



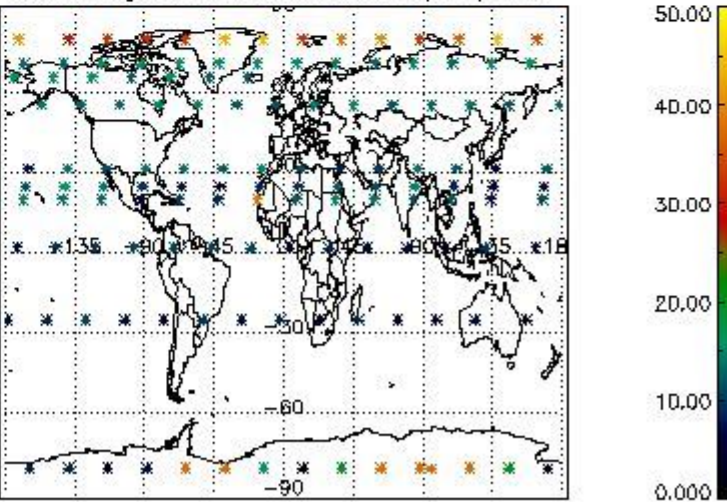
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

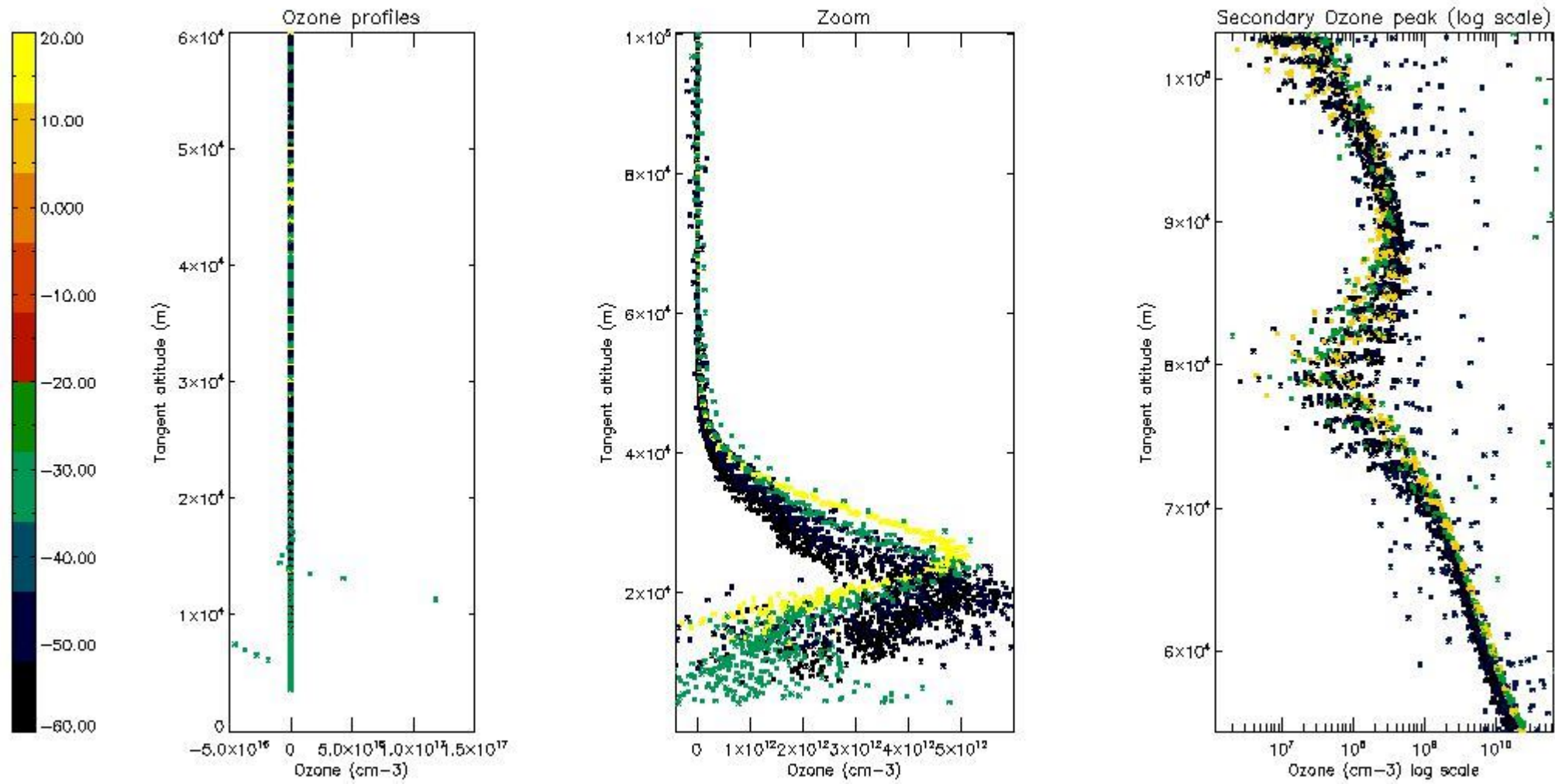
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 36 |
| STD < 20 | 24 |

| | |
|----------|----|
| STD < 10 | 20 |
| STD < 5 | 16 |

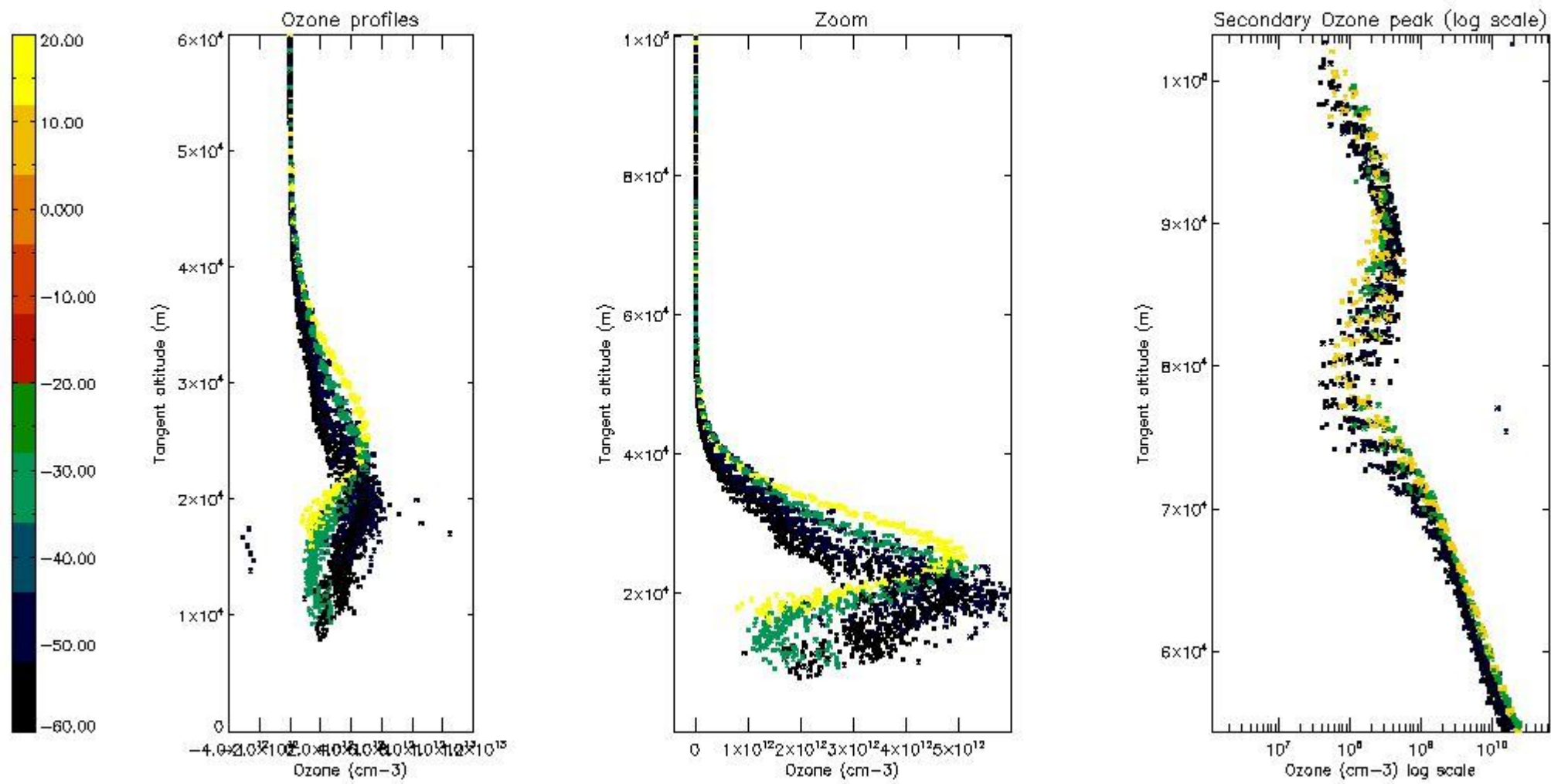
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



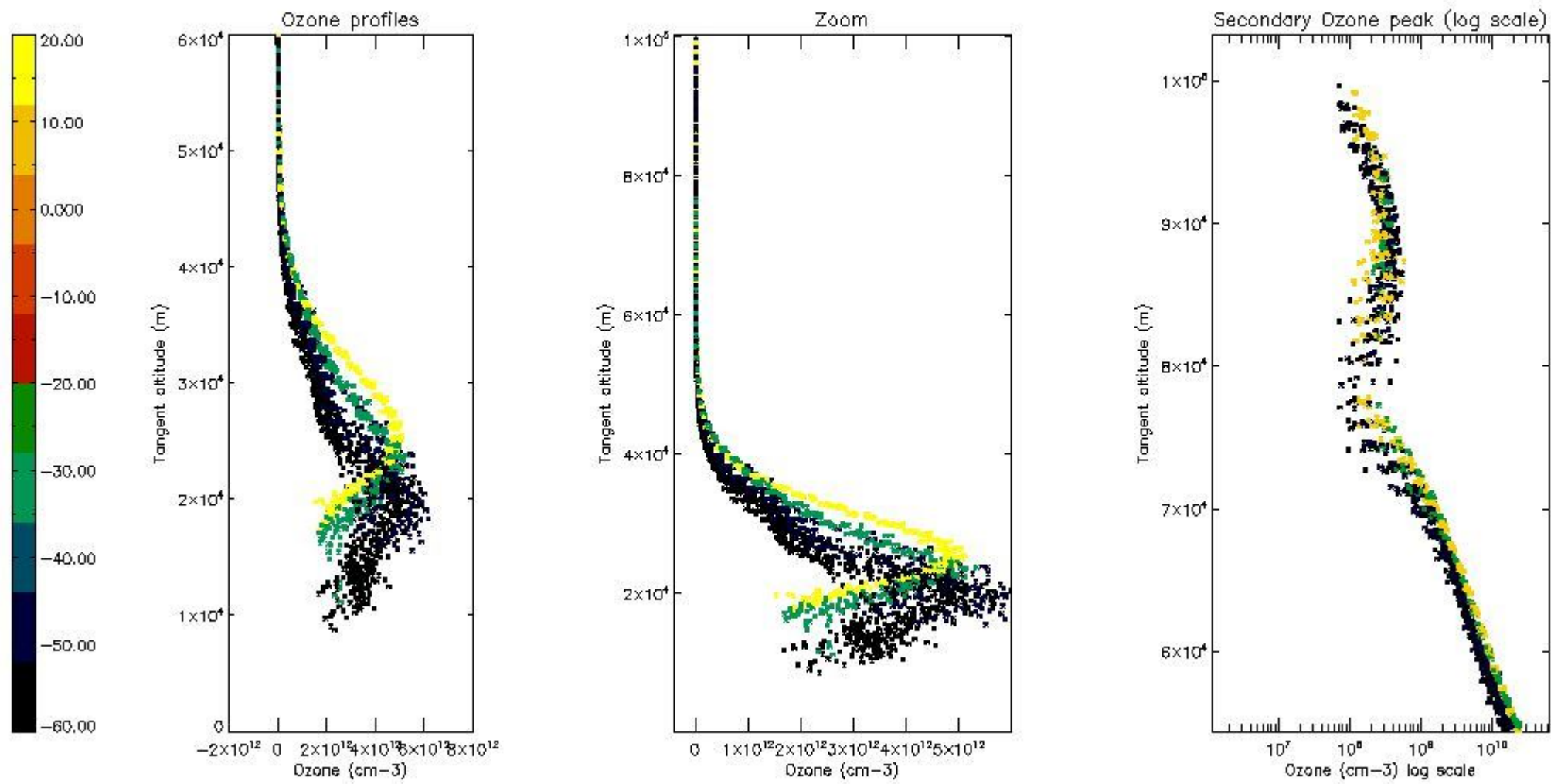
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



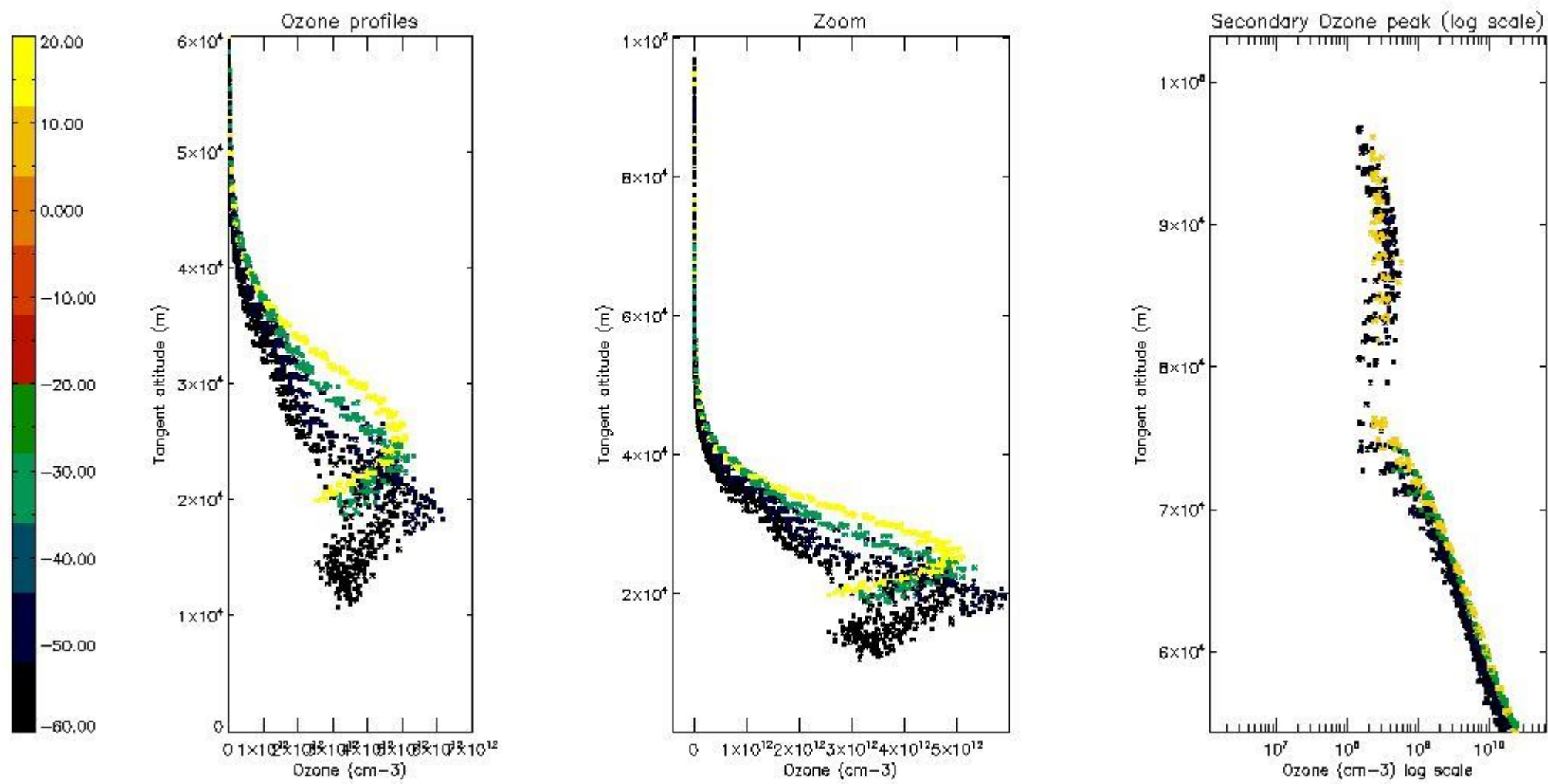
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



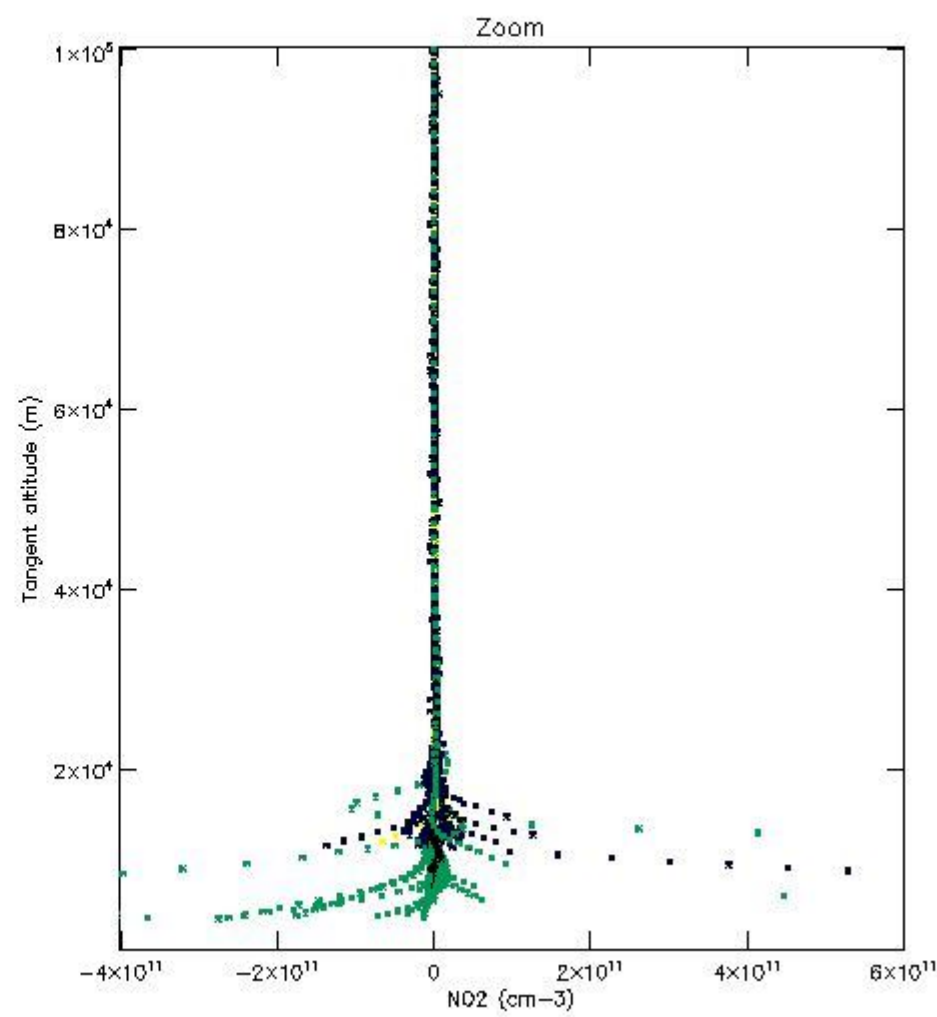
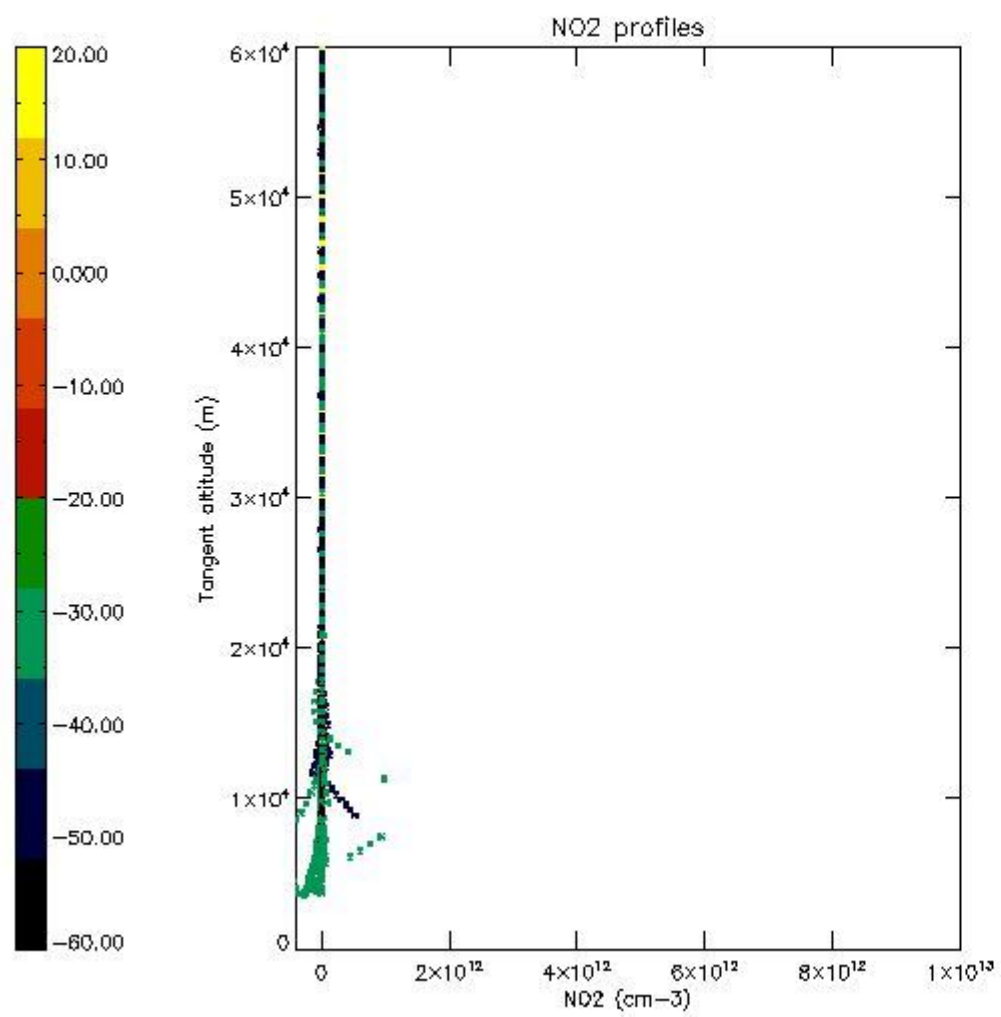
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



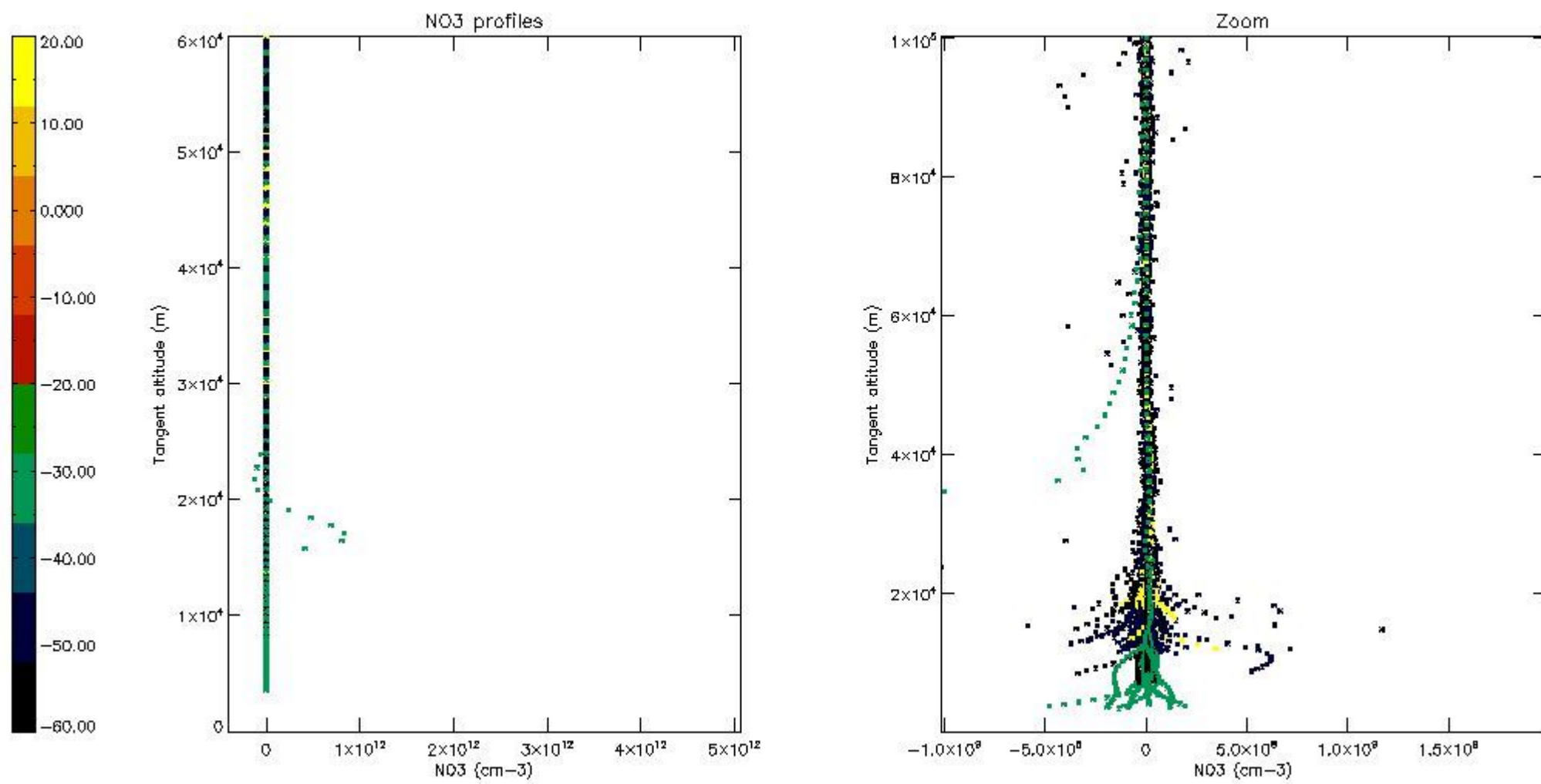
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



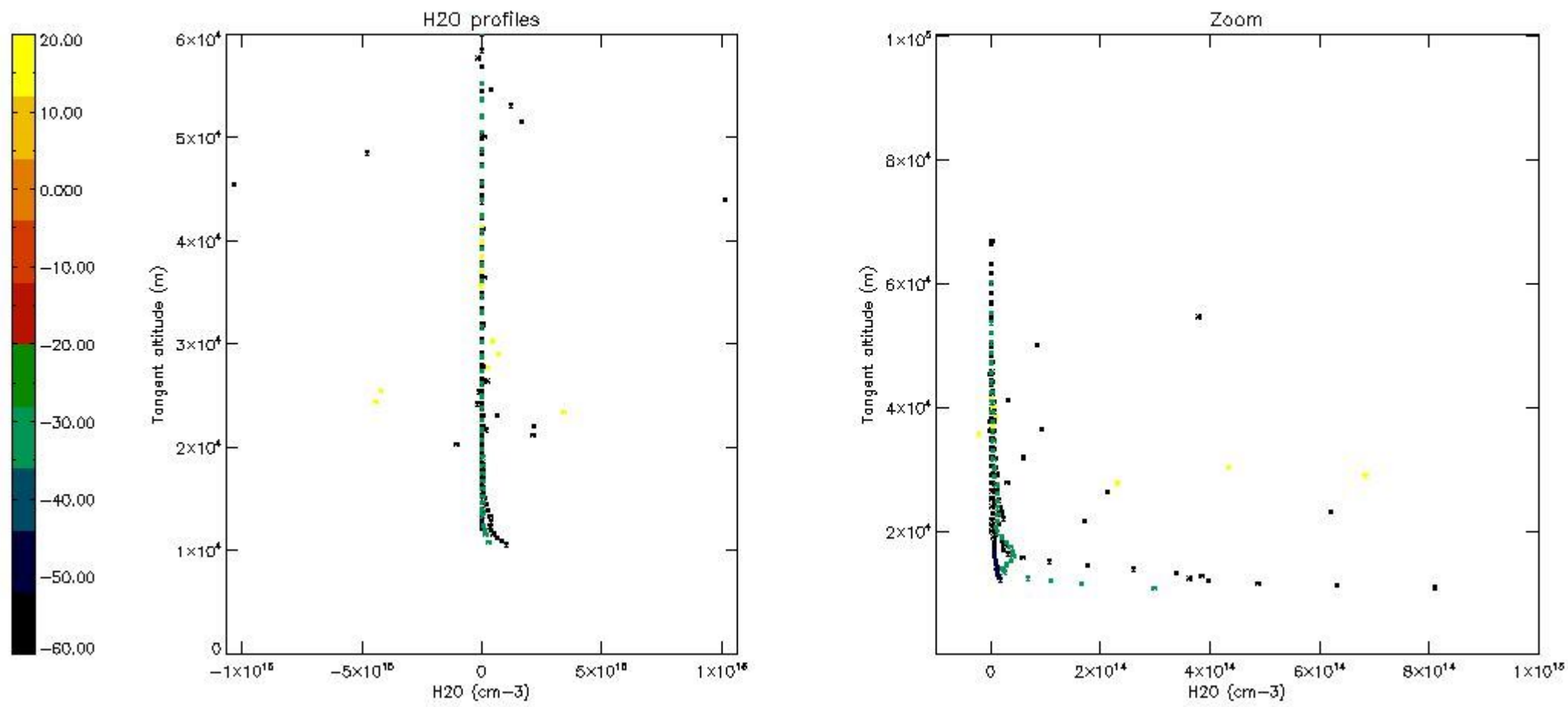
5.7 Plot NO3 profiles for all STD (dark without errors)

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 | 28-AUG-2006 00:05:26 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 28-AUG-2006 00:05:26 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 28-AUG-2006 00:05:26 |

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

[6. Auxiliary Data Files used for the production reported in section 2](#)

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

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 24APR2013 03:41:38 |
| Data source version | GOMOS/6.01 |
| Start time of products | 28-08-2006 (28AUG2006 00:00:00) |
| Stop time of products | 29-08-2006 (29AUG2006 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 271 |
| Nb of prods with errors | 0 |

2. Summary of processed GOM_NL__2P products.

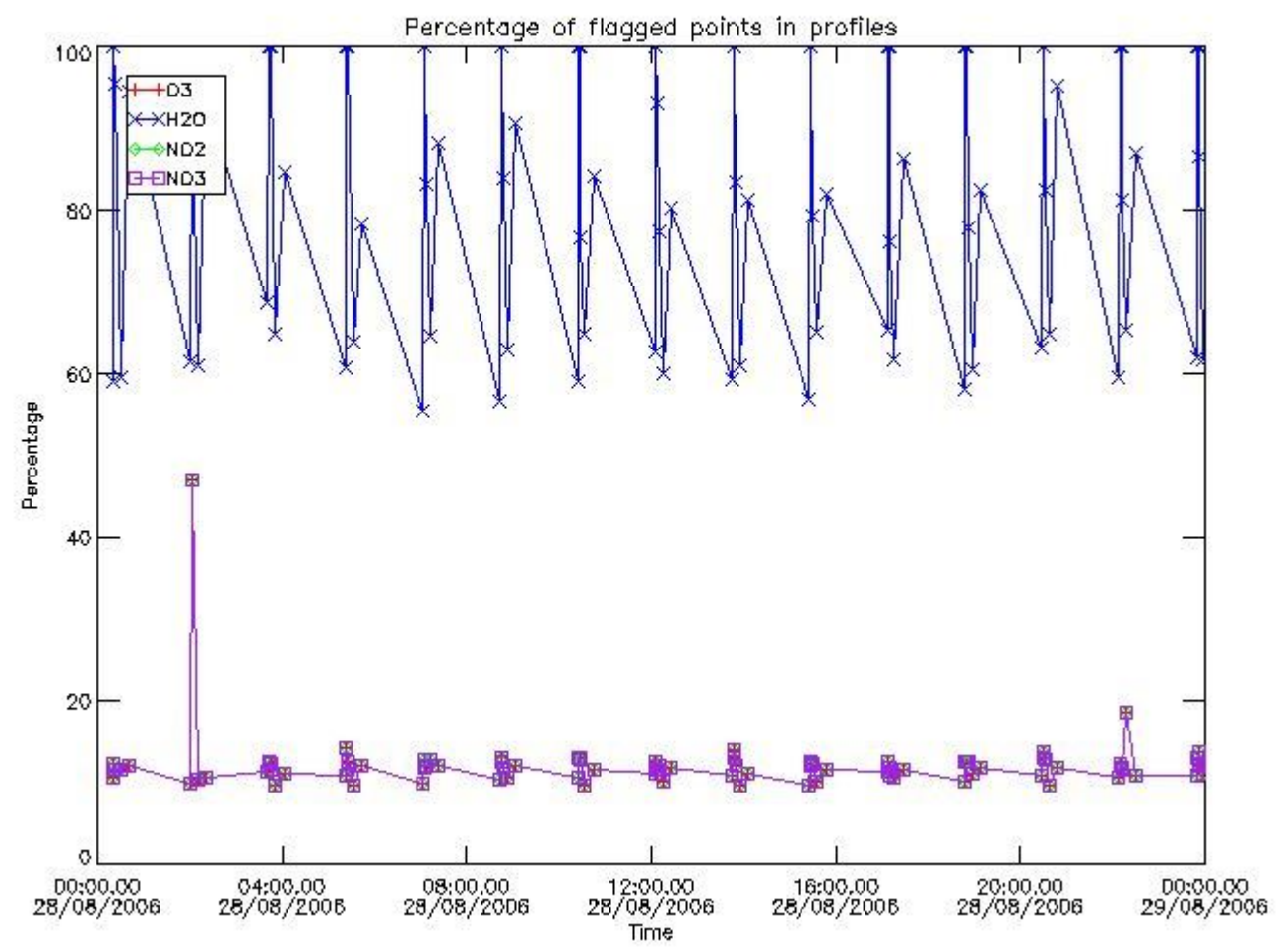
| Nr | Filename | UTC Start time | Limb | Duration | Star Id | Star Name | Star Mag | Star Temp | Nb Meas | Orbit | Prod. error |
|----|--|----------------------|------------|----------|---------|-----------|----------|-----------|---------|-------|-------------|
| 1 | GOM_NL__2PRFIN20060828_000526_000000542050_00388_23488_1603.N1 | 28-AUG-2006 00:05:26 | Bright | 54.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 108 | 23488 | No |
| 2 | GOM_NL__2PRFIN20060828_000800_000000452050_00388_23488_1604.N1 | 28-AUG-2006 00:08:00 | Bright | 44.500 | 170 | 27Eps Gem | 3.0000 | 9700.0 | 89 | 23488 | No |
| 3 | GOM_NL__2PRFIN20060828_001300_000000402050_00388_23488_1605.N1 | 28-AUG-2006 00:13:00 | Twilight | 40.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 80 | 23488 | No |
| 4 | GOM_NL__2PRFIN20060828_002022_000000482050_00388_23488_1606.N1 | 28-AUG-2006 00:20:22 | Dark | 48.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 96 | 23488 | No |
| 5 | GOM_NL__2PRFIN20060828_002145_000000422050_00388_23488_1607.N1 | 28-AUG-2006 00:21:45 | Dark | 41.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 83 | 23488 | No |
| 6 | GOM_NL__2PRFIN20060828_002313_000000442050_00388_23488_1608.N1 | 28-AUG-2006 00:23:13 | Dark | 44.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 88 | 23488 | No |
| 7 | GOM_NL__2PRFIN20060828_003001_000000492050_00388_23488_1609.N1 | 28-AUG-2006 00:30:01 | Dark | 48.500 | 2 | Alp Car | -0.73600 | 7000.0 | 97 | 23488 | No |
| 8 | GOM_NL__2PRFIN20060828_004125_000000472050_00389_23489_1592.N1 | 28-AUG-2006 00:41:25 | Dark | 46.500 | 9 | Alp Eri | 0.45300 | 24000. | 93 | 23489 | No |
| 9 | GOM_NL__2PRFIN20060828_004947_000000442050_00389_23489_1593.N1 | 28-AUG-2006 00:49:47 | Straylight | 43.500 | 31 | Alp Gru | 1.7340 | 15200. | 87 | 23489 | No |
| 10 | GOM_NL__2PRFIN20060828_005239_000000392050_00389_23489_1594.N1 | 28-AUG-2006 00:52:39 | Straylight | 38.500 | 172 | Gam Gru | 3.0030 | 13100. | 77 | 23489 | No |
| 11 | GOM_NL__2PRFIN20060828_005849_000000512050_00389_23489_1595.N1 | 28-AUG-2006 00:58:49 | Bright | 51.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 102 | 23489 | No |
| 12 | GOM_NL__2PRFIN20060828_010201_000000402050_00389_23489_1596.N1 | 28-AUG-2006 01:02:01 | Bright | 39.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 79 | 23489 | No |
| 13 | GOM_NL__2PRFIN20060828_010638_000000392050_00389_23489_1597.N1 | 28-AUG-2006 01:06:38 | Bright | 38.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 77 | 23489 | No |
| 14 | GOM_NL__2PRFIN20060828_011324_000000342050_00389_23489_1598.N1 | 28-AUG-2006 01:13:24 | Bright | 33.500 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 67 | 23489 | No |
| 15 | GOM_NL__2PRFIN20060828_011513_000000332050_00389_23489_1599.N1 | 28-AUG-2006 01:15:13 | Bright | 33.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 66 | 23489 | No |
| 16 | GOM_NL__2PRFIN20060828_011636_000000342050_00389_23489_1600.N1 | 28-AUG-2006 01:16:36 | Bright | 34.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 68 | 23489 | No |
| 17 | GOM_NL__2PRFIN20060828_012141_000000372050_00389_23489_1601.N1 | 28-AUG-2006 01:21:41 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 23489 | No |
| 18 | GOM_NL__2PRFIN20060828_012914_000000352050_00389_23489_1602.N1 | 28-AUG-2006 01:29:14 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 23489 | No |
| 19 | GOM_NL__2PRFIN20060828_014602_000000542050_00389_23489_1603.N1 | 28-AUG-2006 01:46:02 | Bright | 54.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 108 | 23489 | No |
| 20 | GOM_NL__2PRFIN20060828_014837_000000452050_00389_23489_1604.N1 | 28-AUG-2006 01:48:37 | Bright | 45.000 | 170 | 27Eps Gem | 3.0000 | 9700.0 | 90 | 23489 | No |
| 21 | GOM_NL__2PRFIN20060828_015336_000000402050_00389_23489_1605.N1 | 28-AUG-2006 01:53:36 | Twilight | 40.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 80 | 23489 | No |
| 22 | GOM_NL__2PRFIN20060828_020058_000000512050_00389_23489_1606.N1 | 28-AUG-2006 02:00:58 | Dark | 51.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 102 | 23489 | No |
| 23 | GOM_NL__2PRFIN20060828_020349_000000412050_00389_23489_1607.N1 | 28-AUG-2006 02:03:49 | Dark | 41.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 82 | 23489 | No |
| 24 | GOM_NL__2PRFIN20060828_021038_000000492050_00389_23489_1608.N1 | 28-AUG-2006 02:10:38 | Dark | 49.000 | 2 | Alp Car | -0.73600 | 7000.0 | 98 | 23489 | No |
| 25 | GOM_NL__2PRFIN20060828_022202_000000482050_00390_23490_1592.N1 | 28-AUG-2006 02:22:02 | Dark | 48.000 | 9 | Alp Eri | 0.45300 | 24000. | 96 | 23490 | No |
| 26 | GOM_NL__2PRFIN20060828_023023_000000412050_00390_23490_1593.N1 | 28-AUG-2006 02:30:23 | Straylight | 40.500 | 31 | Alp Gru | 1.7340 | 15200. | 81 | 23490 | No |
| 27 | GOM_NL__2PRFIN20060828_023315_000000402050_00390_23490_1594.N1 | 28-AUG-2006 02:33:15 | Straylight | 39.500 | 172 | Gam Gru | 3.0030 | 13100. | 79 | 23490 | No |
| 28 | GOM_NL__2PRFIN20060828_023925_000000462050_00390_23490_1595.N1 | 28-AUG-2006 02:39:25 | Bright | 46.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 92 | 23490 | No |
| 29 | GOM_NL__2PRFIN20060828_024237_000000392050_00390_23490_1596.N1 | 28-AUG-2006 02:42:37 | Bright | 39.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 78 | 23490 | No |
| 30 | GOM_NL__2PRFIN20060828_024714_000000402050_00390_23490_1597.N1 | 28-AUG-2006 02:47:14 | Bright | 39.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 79 | 23490 | No |
| 31 | GOM_NL__2PRFIN20060828_025400_000000372050_00390_23490_1598.N1 | 28-AUG-2006 02:54:00 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 23490 | No |
| 32 | GOM_NL__2PRFIN20060828_025549_000000362050_00390_23490_1599.N1 | 28-AUG-2006 02:55:49 | Bright | 35.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 71 | 23490 | No |
| 33 | GOM_NL__2PRFIN20060828_025712_000000372050_00390_23490_1600.N1 | 28-AUG-2006 02:57:12 | Bright | 37.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 74 | 23490 | No |
| 34 | GOM_NL__2PRFIN20060828_030217_000000352050_00390_23490_1601.N1 | 28-AUG-2006 03:02:17 | Bright | 34.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 69 | 23490 | No |
| 35 | GOM_NL__2PRFIN20060828_030949_000000342050_00390_23490_1602.N1 | 28-AUG-2006 03:09:49 | Bright | 34.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 68 | 23490 | No |
| 36 | GOM_NL__2PRFIN20060828_032638_000000422050_00390_23490_1603.N1 | 28-AUG-2006 03:26:38 | Bright | 42.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 84 | 23490 | No |
| 37 | GOM_NL__2PRFIN20060828_032913_000000452050_00390_23490_1604.N1 | 28-AUG-2006 03:29:13 | Bright | 45.000 | 170 | 27Eps Gem | 3.0000 | 9700.0 | 90 | 23490 | No |
| 38 | GOM_NL__2PRFIN20060828_033412_000000492050_00390_23490_1605.N1 | 28-AUG-2006 03:34:12 | Twilight | 48.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 97 | 23490 | No |
| 39 | GOM_NL__2PRFIN20060828_034135_000000452050_00390_23490_1606.N1 | 28-AUG-2006 03:41:35 | Dark | 45.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 90 | 23490 | No |
| 40 | GOM_NL__2PRFIN20060828_034258_000000412050_00390_23490_1607.N1 | 28-AUG-2006 03:42:58 | Dark | 41.000 | 179 | 24Omi2CMa | 3.0320 | 24000. | 82 | 23490 | No |
| 41 | GOM_NL__2PRFIN20060828_034426_000000442050_00390_23490_1608.N1 | 28-AUG-2006 03:44:26 | Dark | 44.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 88 | 23490 | No |
| 42 | GOM_NL__2PRFIN20060828_034556_000000422050_00390_23490_1609.N1 | 28-AUG-2006 03:45:56 | Dark | 41.500 | 177 | 1Zet CMa | 3.0220 | 26000. | 83 | 23490 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20060828_193011_000000422050_00400_23500_1617.N1 | 28-AUG-2006 19:30:11 | Bright | 41.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 83 | 23500 | No |
| 221 | GOM_NL__2PRFIN20060828_193312_000000392050_00400_23500_1618.N1 | 28-AUG-2006 19:33:12 | Bright | 38.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 77 | 23500 | No |
| 222 | GOM_NL__2PRFIN20060828_194000_000000372050_00400_23500_1619.N1 | 28-AUG-2006 19:40:00 | Bright | 37.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 74 | 23500 | No |
| 223 | GOM_NL__2PRFIN20060828_194149_000000382050_00400_23500_1620.N1 | 28-AUG-2006 19:41:49 | Bright | 37.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 75 | 23500 | No |
| 224 | GOM_NL__2PRFIN20060828_194311_000000372050_00400_23500_1621.N1 | 28-AUG-2006 19:43:11 | Bright | 37.000 | 19 | 50Alp Cyg | 1.2460 | 10500. | 74 | 23500 | No |
| 225 | GOM_NL__2PRFIN20060828_194815_000000372050_00400_23500_1622.N1 | 28-AUG-2006 19:48:15 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 23500 | No |
| 226 | GOM_NL__2PRFIN20060828_195549_000000362050_00400_23500_1623.N1 | 28-AUG-2006 19:55:49 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 23500 | No |
| 227 | GOM_NL__2PRFIN20060828_201239_000000432050_00400_23500_1624.N1 | 28-AUG-2006 20:12:39 | Bright | 43.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 86 | 23500 | No |
| 228 | GOM_NL__2PRFIN20060828_202014_000000502050_00400_23500_1625.N1 | 28-AUG-2006 20:20:14 | Twilight | 50.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 100 | 23500 | No |
| 229 | GOM_NL__2PRFIN20060828_202739_000000472050_00400_23500_1626.N1 | 28-AUG-2006 20:27:39 | Dark | 46.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 93 | 23500 | No |
| 230 | GOM_NL__2PRFIN20060828_202901_000000402050_00400_23500_1627.N1 | 28-AUG-2006 20:29:01 | Dark | 39.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 79 | 23500 | No |
| 231 | GOM_NL__2PRFIN20060828_203030_000000412050_00400_23500_1628.N1 | 28-AUG-2006 20:30:30 | Dark | 41.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 82 | 23500 | No |
| 232 | GOM_NL__2PRFIN20060828_203210_000000402050_00400_23500_1629.N1 | 28-AUG-2006 20:32:10 | Dark | 40.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 80 | 23500 | No |
| 233 | GOM_NL__2PRFIN20060828_203717_000000532050_00400_23500_1630.N1 | 28-AUG-2006 20:37:17 | Dark | 53.000 | 2 | Alp Car | -0.73600 | 7000.0 | 106 | 23500 | No |
| 234 | GOM_NL__2PRFIN20060828_204844_000000432050_00401_23501_1612.N1 | 28-AUG-2006 20:48:44 | Dark | 42.500 | 9 | Alp Eri | 0.45300 | 24000. | 85 | 23501 | No |
| 235 | GOM_NL__2PRFIN20060828_205701_000000412050_00401_23501_1613.N1 | 28-AUG-2006 20:57:01 | Straylight | 41.000 | 31 | Alp Gru | 1.7340 | 15200. | 82 | 23501 | No |
| 236 | GOM_NL__2PRFIN20060828_210105_000000252050_00401_23501_1614.N1 | 28-AUG-2006 21:01:05 | Straylight | 25.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 50 | 23501 | No |
| 237 | GOM_NL__2PRFIN20060828_210602_000000442050_00401_23501_1615.N1 | 28-AUG-2006 21:06:02 | Bright | 44.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 88 | 23501 | No |
| 238 | GOM_NL__2PRFIN20060828_210913_000000382050_00401_23501_1616.N1 | 28-AUG-2006 21:09:13 | Bright | 38.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 76 | 23501 | No |
| 239 | GOM_NL__2PRFIN20060828_211047_000000422050_00401_23501_1617.N1 | 28-AUG-2006 21:10:47 | Bright | 41.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 83 | 23501 | No |
| 240 | GOM_NL__2PRFIN20060828_211348_000000392050_00401_23501_1618.N1 | 28-AUG-2006 21:13:48 | Bright | 39.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 78 | 23501 | No |
| 241 | GOM_NL__2PRFIN20060828_212036_000000342050_00401_23501_1619.N1 | 28-AUG-2006 21:20:36 | Bright | 34.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 68 | 23501 | No |
| 242 | GOM_NL__2PRFIN20060828_212225_000000362050_00401_23501_1620.N1 | 28-AUG-2006 21:22:25 | Bright | 35.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 71 | 23501 | No |
| 243 | GOM_NL__2PRFIN20060828_212347_000000382050_00401_23501_1621.N1 | 28-AUG-2006 21:23:47 | Bright | 37.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 75 | 23501 | No |
| 244 | GOM_NL__2PRFIN20060828_212850_000000362050_00401_23501_1622.N1 | 28-AUG-2006 21:28:50 | Bright | 36.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 72 | 23501 | No |
| 245 | GOM_NL__2PRFIN20060828_213624_000000362050_00401_23501_1623.N1 | 28-AUG-2006 21:36:24 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 23501 | No |
| 246 | GOM_NL__2PRFIN20060828_215315_000000542050_00401_23501_1624.N1 | 28-AUG-2006 21:53:15 | Bright | 54.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 108 | 23501 | No |
| 247 | GOM_NL__2PRFIN20060828_220050_000000472050_00401_23501_1625.N1 | 28-AUG-2006 22:00:50 | Twilight | 46.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 93 | 23501 | No |
| 248 | GOM_NL__2PRFIN20060828_220816_000000492050_00401_23501_1626.N1 | 28-AUG-2006 22:08:16 | Dark | 48.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 97 | 23501 | No |
| 249 | GOM_NL__2PRFIN20060828_220938_000000422050_00401_23501_1627.N1 | 28-AUG-2006 22:09:38 | Dark | 41.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 83 | 23501 | No |
| 250 | GOM_NL__2PRFIN20060828_221106_000000452050_00401_23501_1628.N1 | 28-AUG-2006 22:11:06 | Dark | 44.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 89 | 23501 | No |
| 251 | GOM_NL__2PRFIN20060828_221246_000000432050_00401_23501_1629.N1 | 28-AUG-2006 22:12:46 | Dark | 43.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 86 | 23501 | No |
| 252 | GOM_NL__2PRFIN20060828_221753_000000502050_00401_23501_1630.N1 | 28-AUG-2006 22:17:53 | Dark | 49.500 | 2 | Alp Car | -0.73600 | 7000.0 | 99 | 23501 | No |
| 253 | GOM_NL__2PRFIN20060828_222920_000000472050_00402_23502_1612.N1 | 28-AUG-2006 22:29:20 | Dark | 46.500 | 9 | Alp Eri | 0.45300 | 24000. | 93 | 23502 | No |
| 254 | GOM_NL__2PRFIN20060828_223737_000000422050_00402_23502_1613.N1 | 28-AUG-2006 22:37:37 | Straylight | 42.000 | 31 | Alp Gru | 1.7340 | 15200. | 84 | 23502 | No |
| 255 | GOM_NL__2PRFIN20060828_224141_000000312050_00402_23502_1614.N1 | 28-AUG-2006 22:41:41 | Straylight | 31.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 62 | 23502 | No |
| 256 | GOM_NL__2PRFIN20060828_224638_000000432050_00402_23502_1615.N1 | 28-AUG-2006 22:46:38 | Bright | 42.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 85 | 23502 | No |
| 257 | GOM_NL__2PRFIN20060828_224949_000000382050_00402_23502_1616.N1 | 28-AUG-2006 22:49:49 | Bright | 38.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 76 | 23502 | No |
| 258 | GOM_NL__2PRFIN20060828_225122_000000422050_00402_23502_1617.N1 | 28-AUG-2006 22:51:22 | Bright | 41.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 83 | 23502 | No |
| 259 | GOM_NL__2PRFIN20060828_225424_000000392050_00402_23502_1618.N1 | 28-AUG-2006 22:54:24 | Bright | 38.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 77 | 23502 | No |
| 260 | GOM_NL__2PRFIN20060828_230111_000000362050_00402_23502_1619.N1 | 28-AUG-2006 23:01:11 | Bright | 36.000 | 92 | 53Eps Cyg | 2.5000 | 4500.0 | 72 | 23502 | No |
| 261 | GOM_NL__2PRFIN20060828_230301_000000342050_00402_23502_1620.N1 | 28-AUG-2006 23:03:01 | Bright | 33.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 67 | 23502 | No |
| 262 | GOM_NL__2PRFIN20060828_230423_000000362050_00402_23502_1621.N1 | 28-AUG-2006 23:04:23 | Bright | 35.500 | 19 | 50Alp Cyg | 1.2460 | 10500. | 71 | 23502 | No |
| 263 | GOM_NL__2PRFIN20060828_230926_000000362050_00402_23502_1622.N1 | 28-AUG-2006 23:09:26 | Bright | 36.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 72 | 23502 | No |
| 264 | GOM_NL__2PRFIN20060828_231700_000000332050_00402_23502_1623.N1 | 28-AUG-2006 23:17:00 | Bright | 33.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 66 | 23502 | No |
| 265 | GOM_NL__2PRFIN20060828_233351_000000542050_00402_23502_1624.N1 | 28-AUG-2006 23:33:51 | Bright | 54.000 | 24 | 66Alp Gem | 1.5800 | 10200. | 108 | 23502 | No |
| 266 | GOM_NL__2PRFIN20060828_234127_000000422050_00402_23502_1625.N1 | 28-AUG-2006 23:41:27 | Twilight | 41.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 83 | 23502 | No |
| 267 | GOM_NL__2PRFIN20060828_234852_000000472050_00402_23502_1626.N1 | 28-AUG-2006 23:48:52 | Dark | 46.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 93 | 23502 | No |
| 268 | GOM_NL__2PRFIN20060828_235014_000000402050_00402_23502_1627.N1 | 28-AUG-2006 23:50:14 | Dark | 39.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 79 | 23502 | No |
| 269 | GOM_NL__2PRFIN20060828_235142_000000432050_00402_23502_1628.N1 | 28-AUG-2006 23:51:42 | Dark | 42.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 85 | 23502 | No |
| 270 | GOM_NL__2PRFIN20060828_235323_000000412050_00402_23502_1629.N1 | 28-AUG-2006 23:53:23 | Dark | 41.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 82 | 23502 | No |
| 271 | GOM_NL__2PRFIN20060828_235830_000000462050_00402_23502_1630.N1 | 28-AUG-2006 23:58:30 | Dark | 46.000 | 2 | Alp Car | -0.73600 | 7000.0 | 92 | 23502 | No |

3. Quality information per product

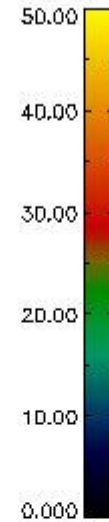
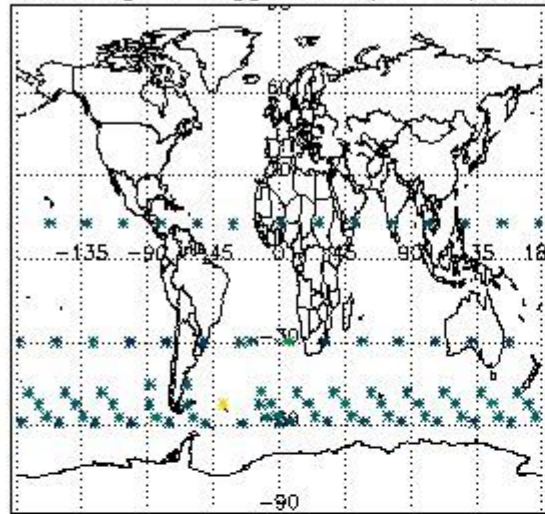
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

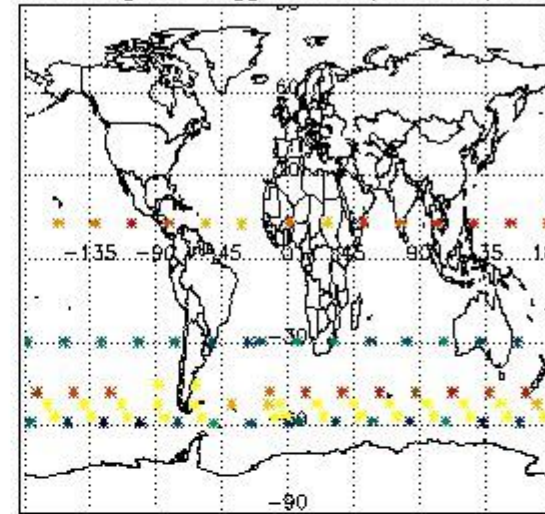


3.2 Plot quality information per product (world map)

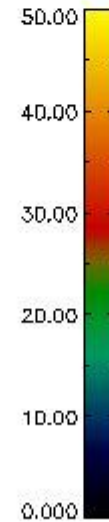
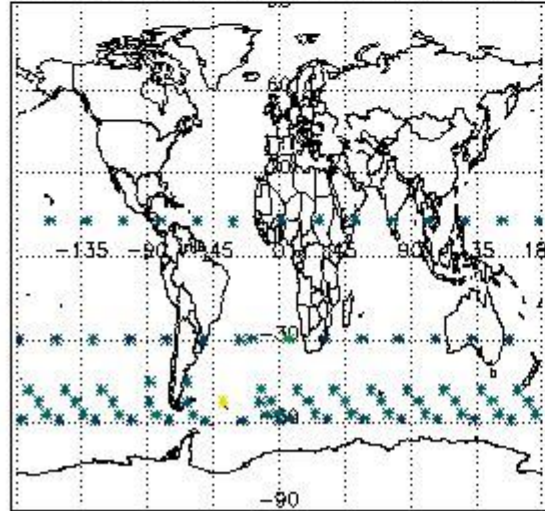
Percentage of flagged data per O3 profile



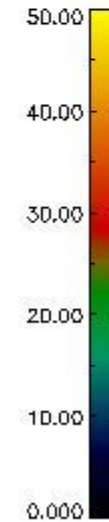
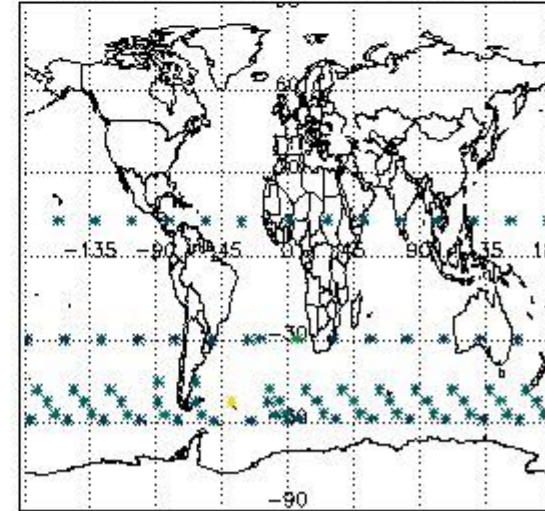
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

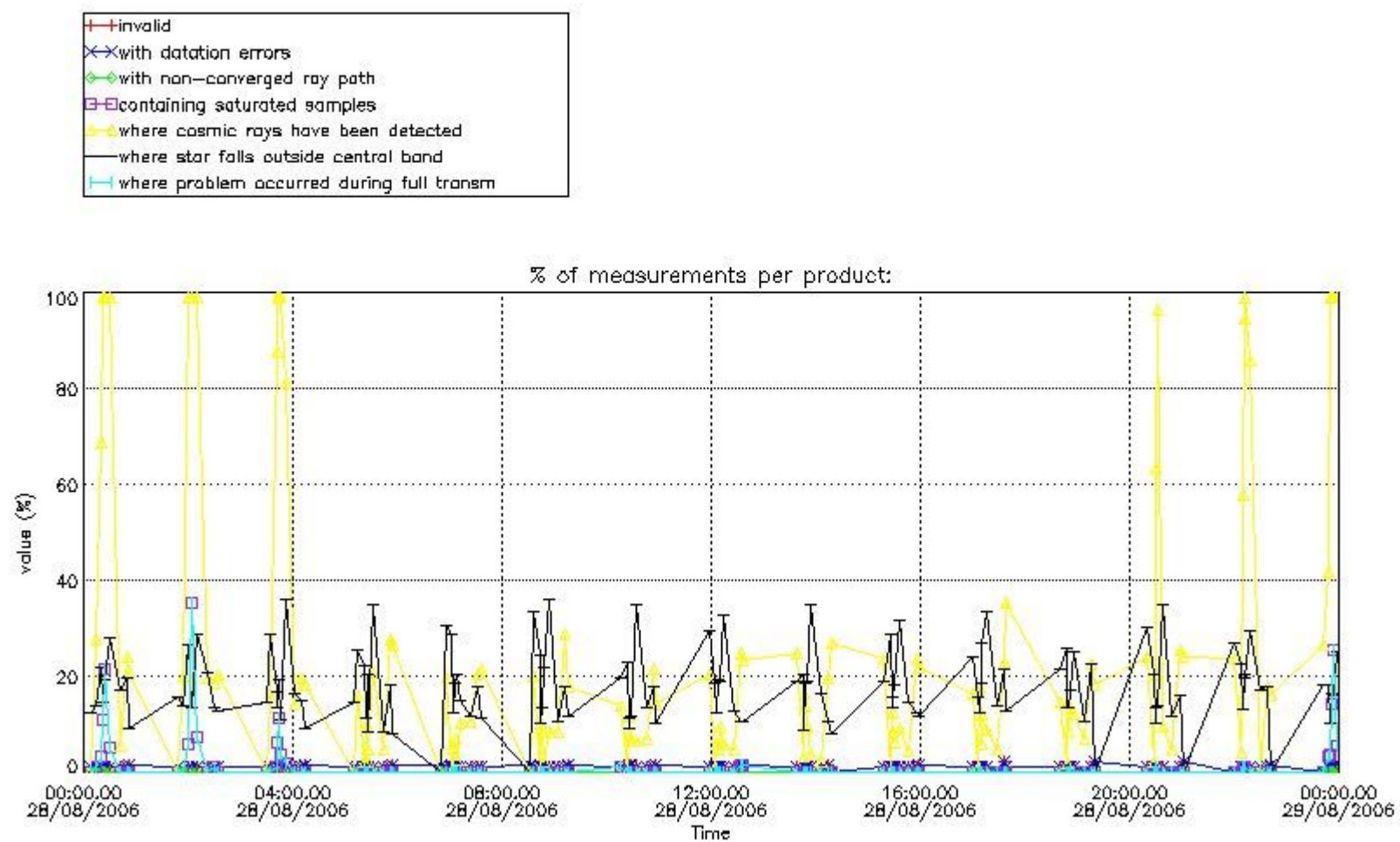


4. Level 1 quality information per product

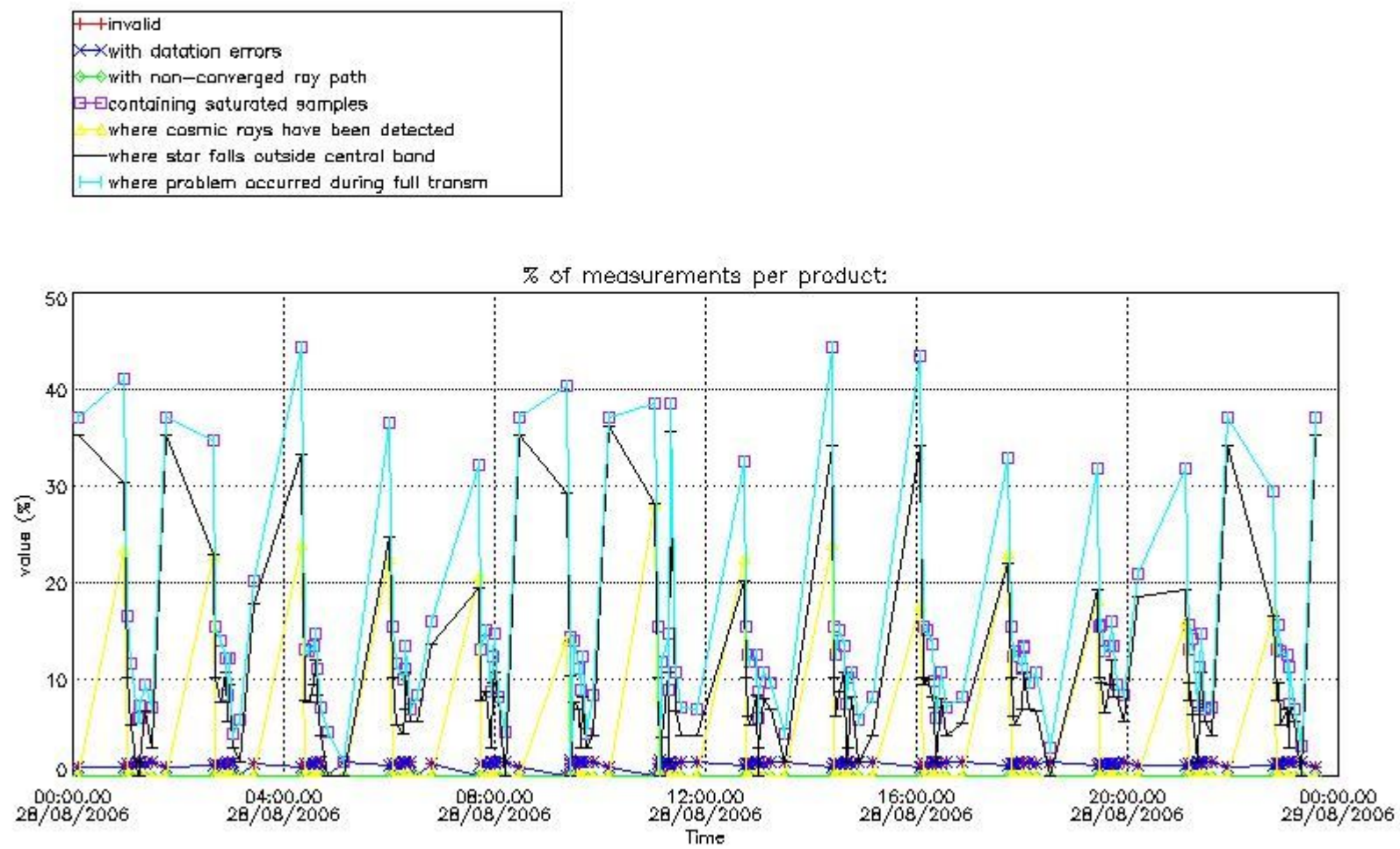
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



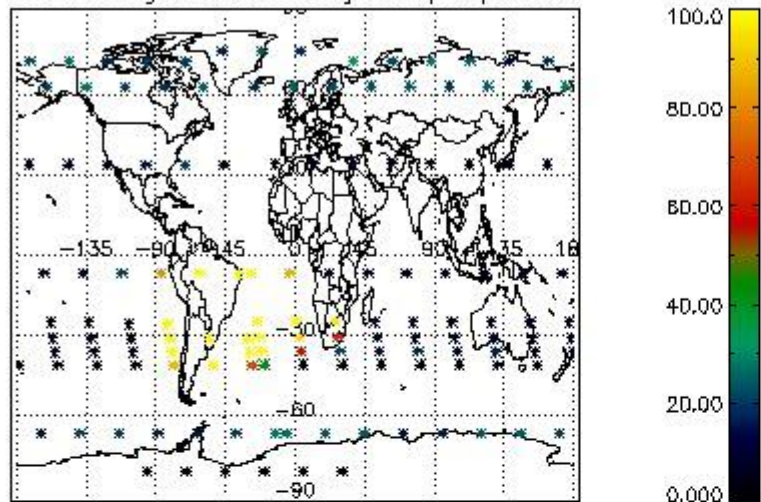
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



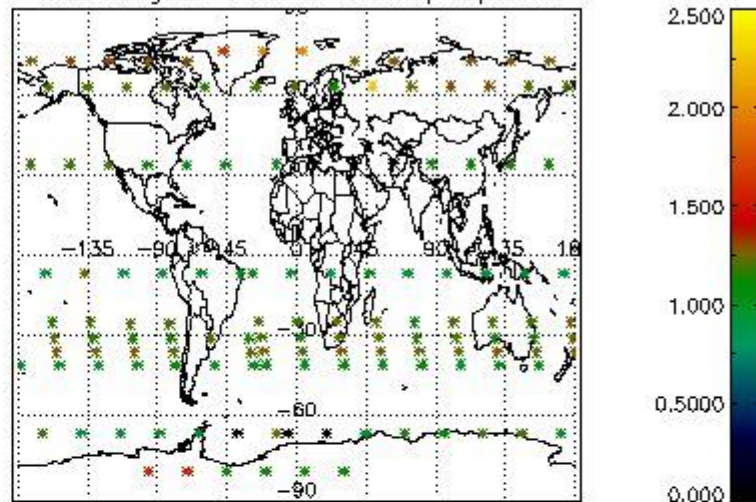
4.2 Plot quality information per product coming from level 1b processing (world map)

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

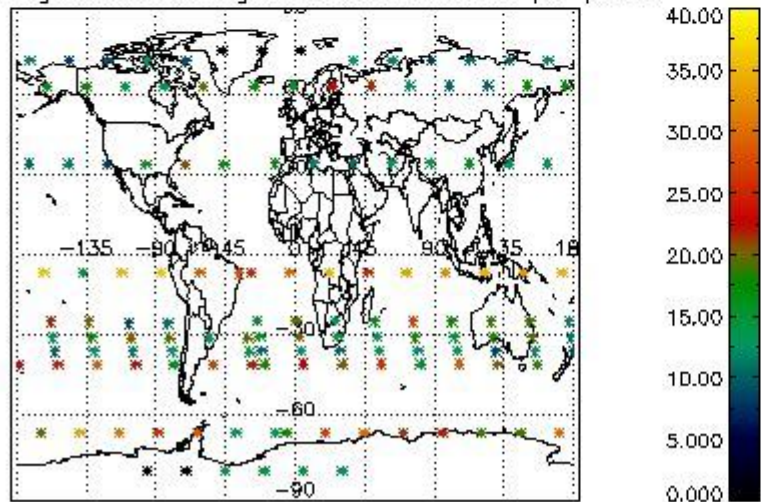
Percentage of cosmic ray hits per profile



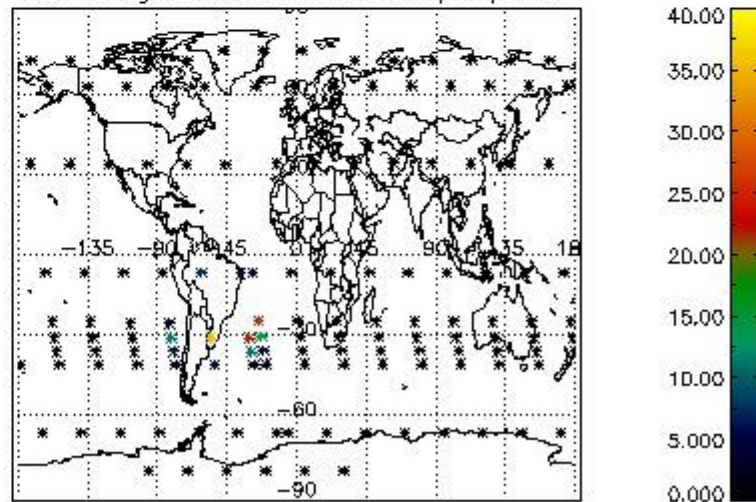
Percentage of datation errors per profile



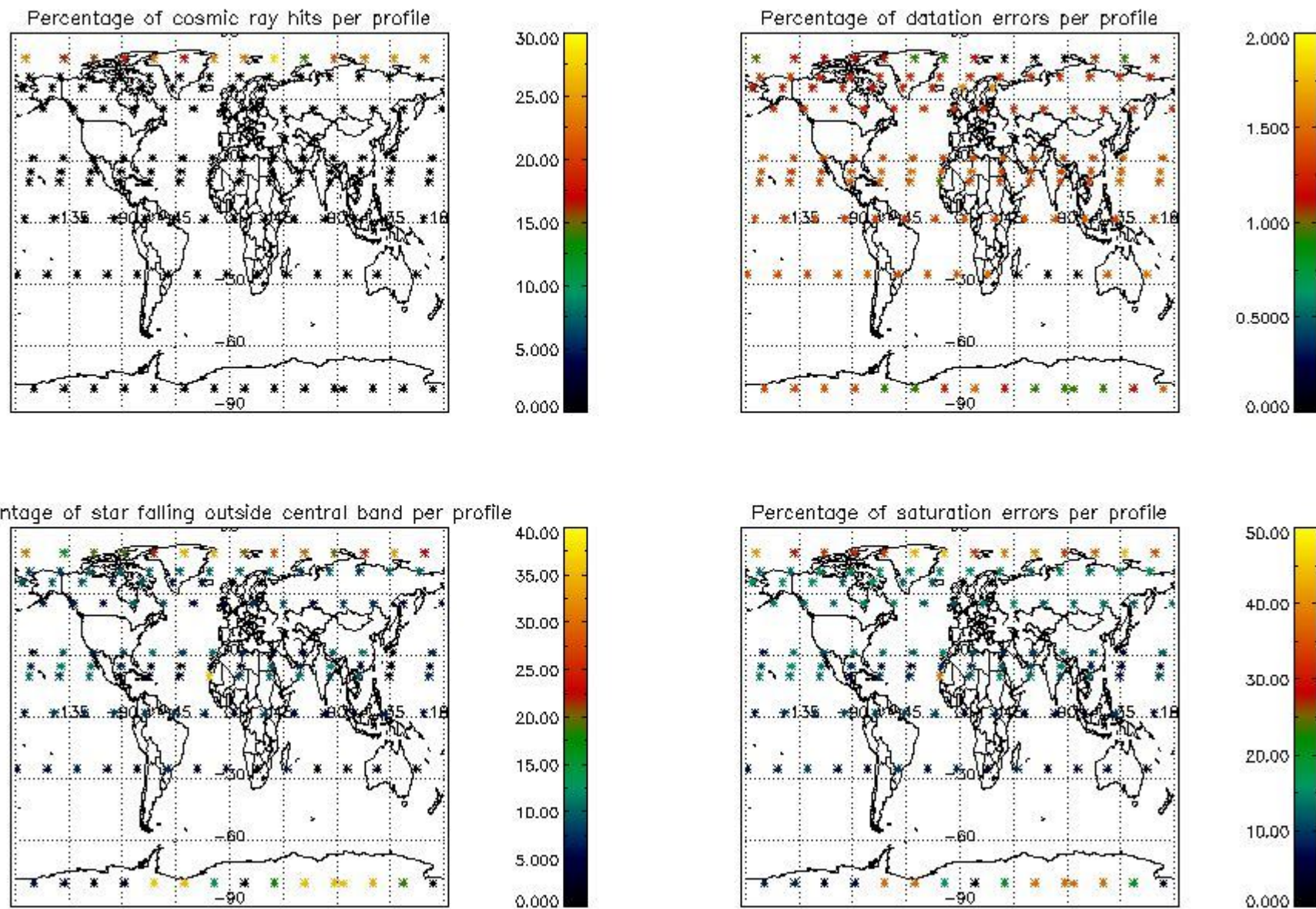
Percentage of star falling outside central band per profile



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

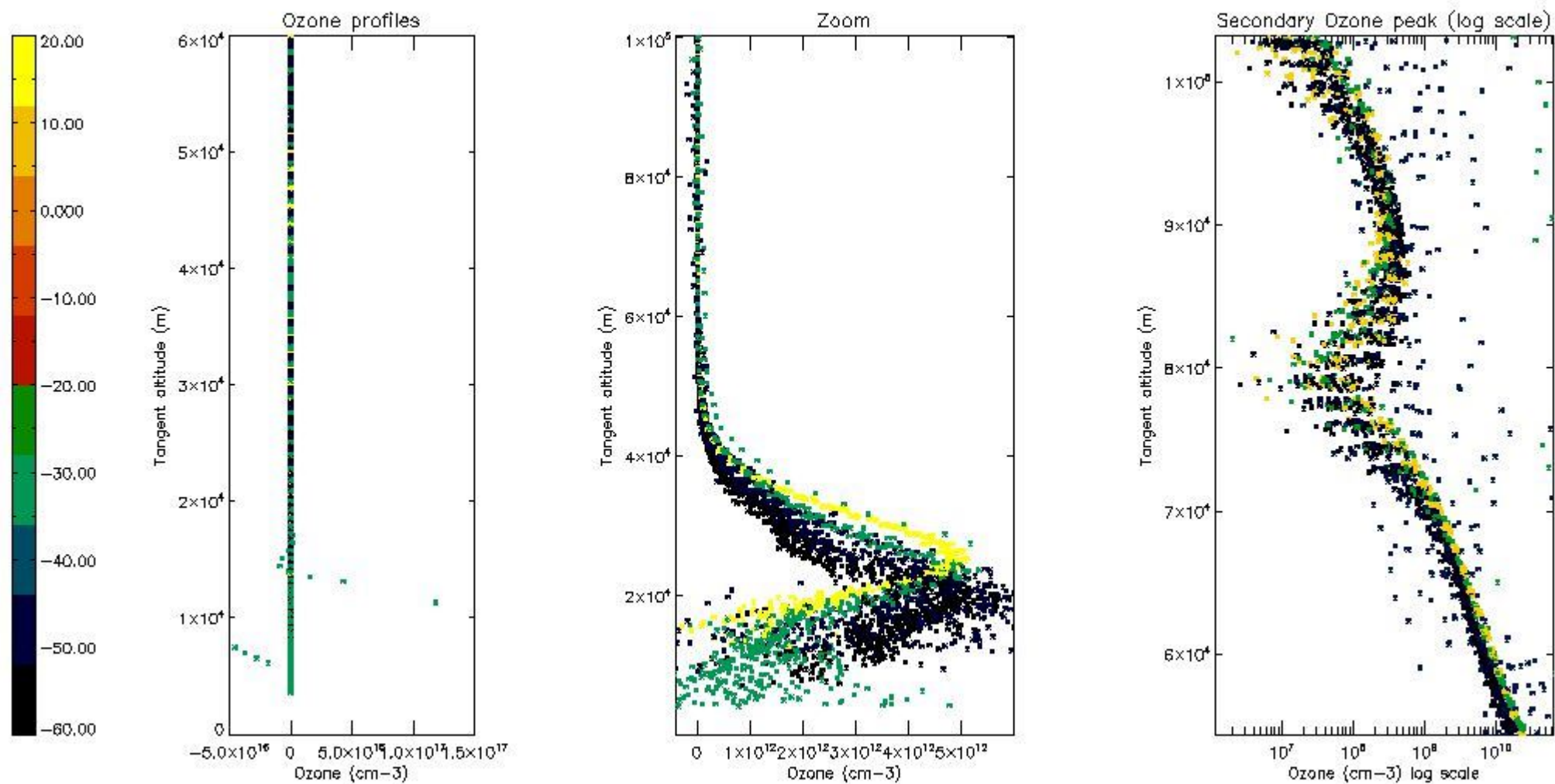
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 36 |
| STD < 20 | 24 |

| | |
|----------|----|
| STD < 10 | 20 |
| STD < 5 | 16 |

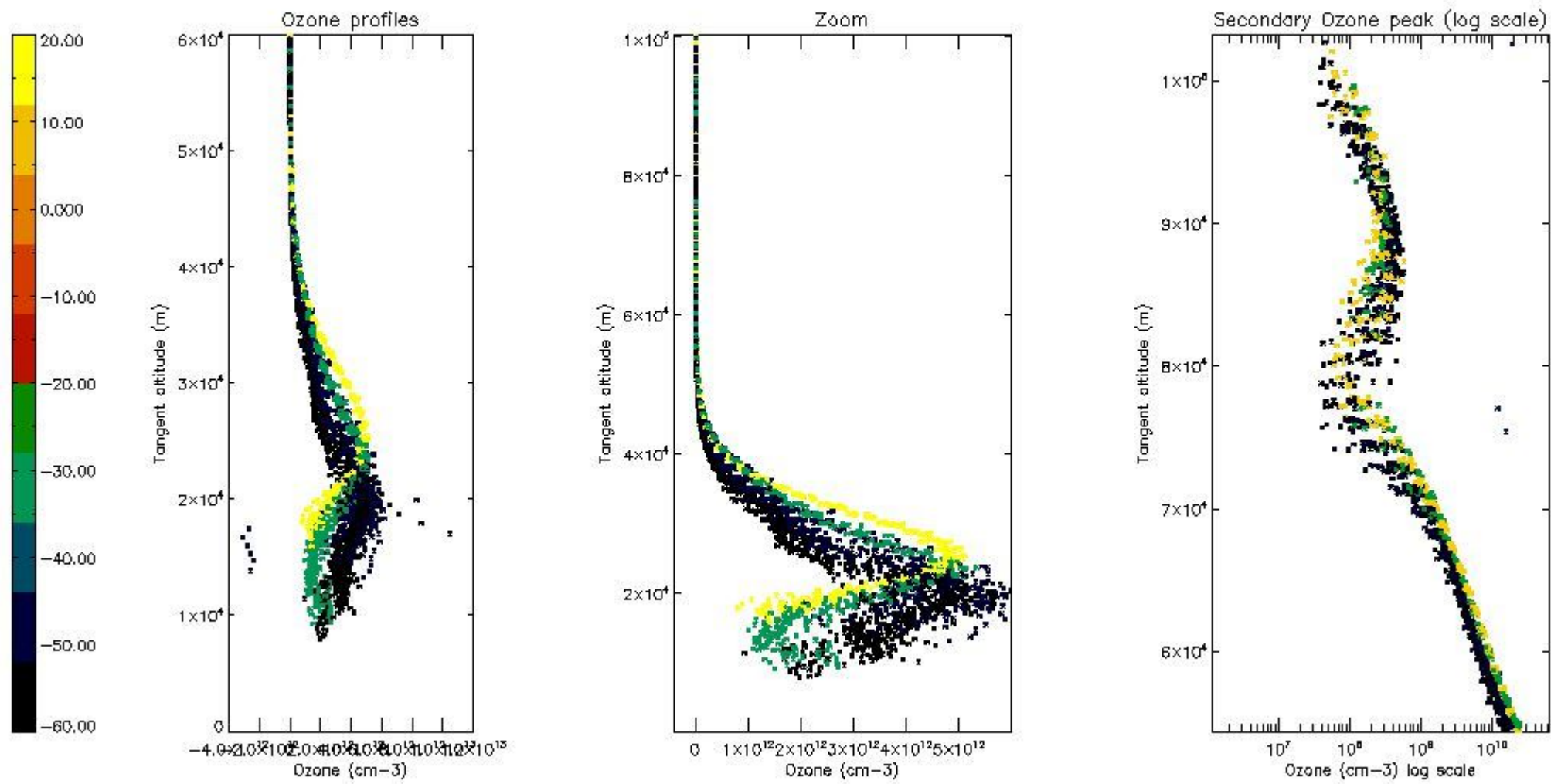
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



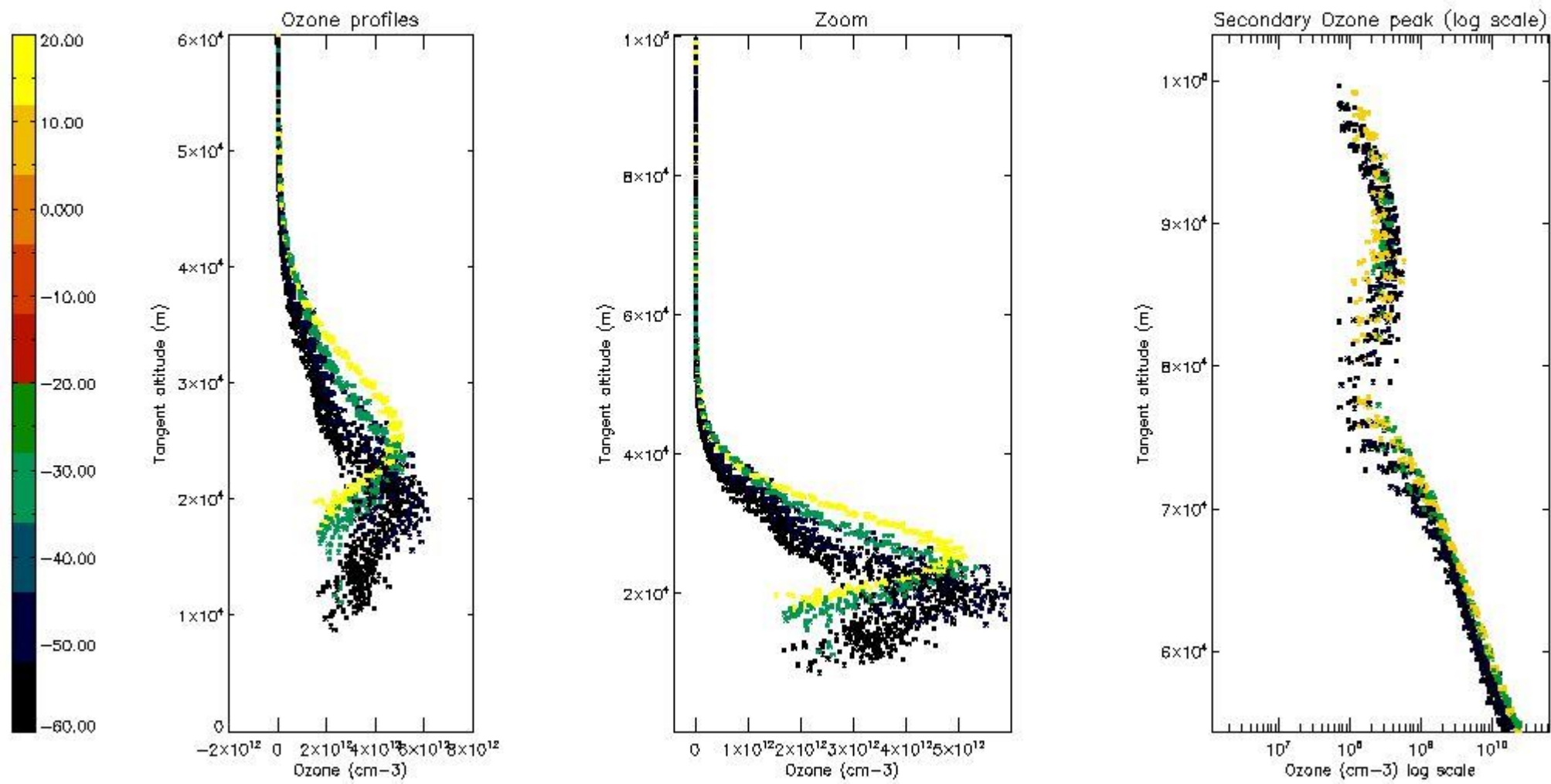
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



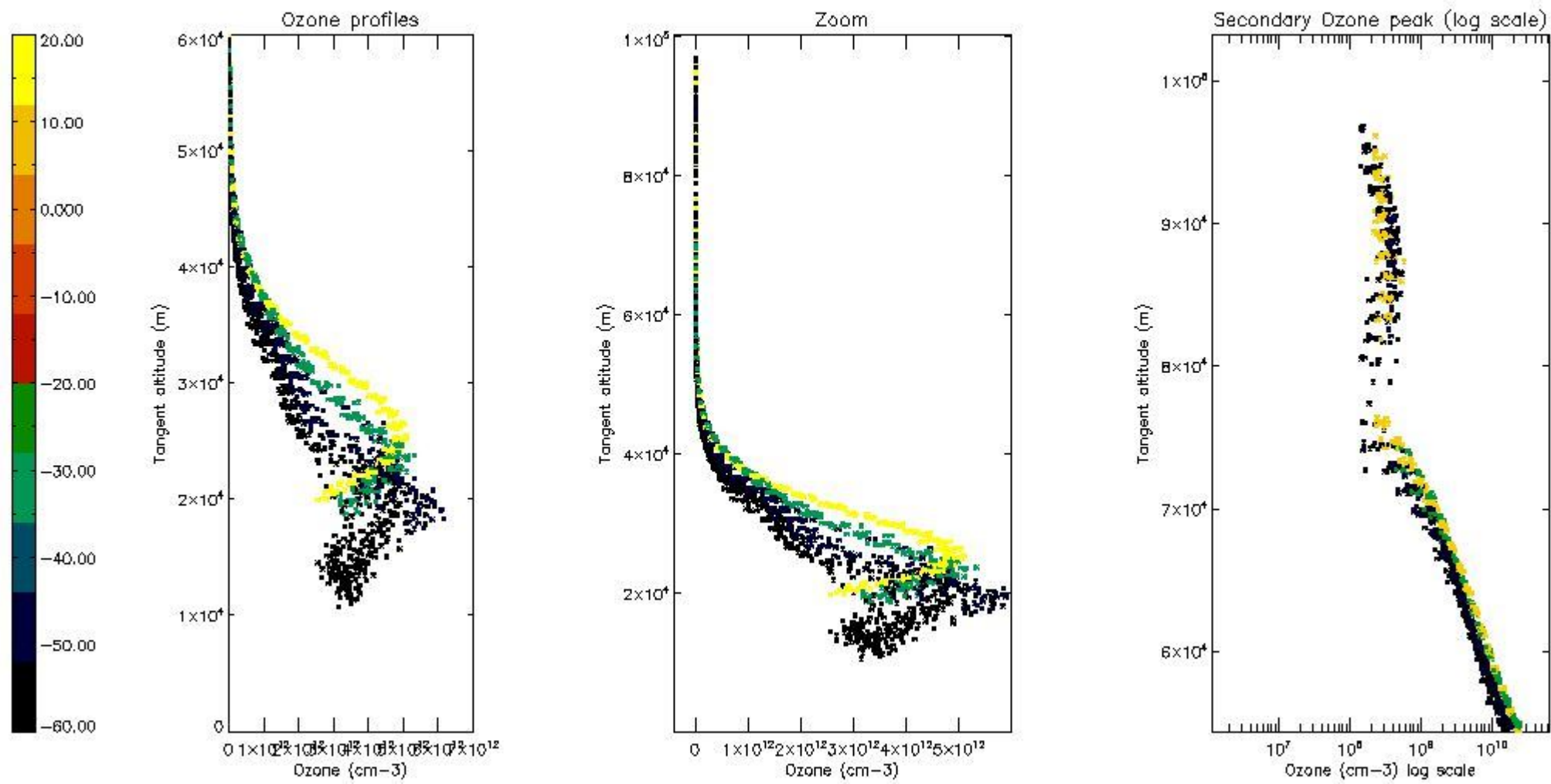
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



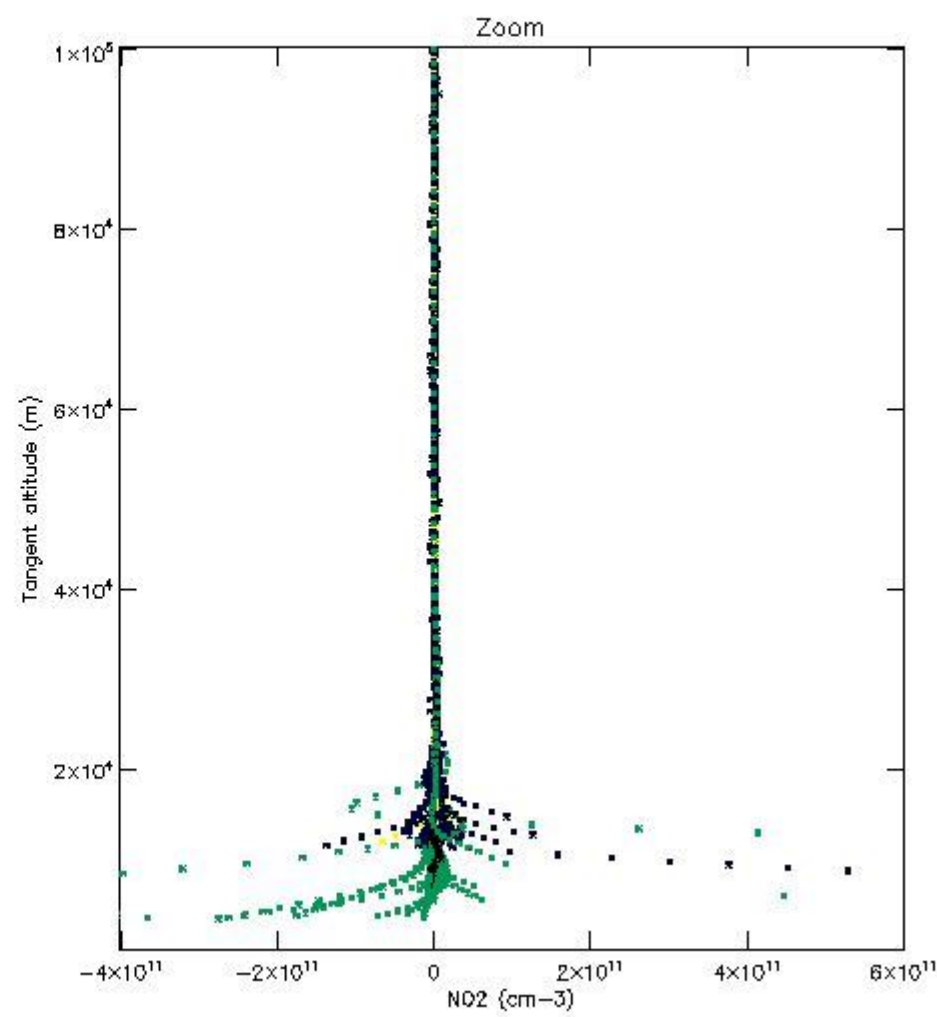
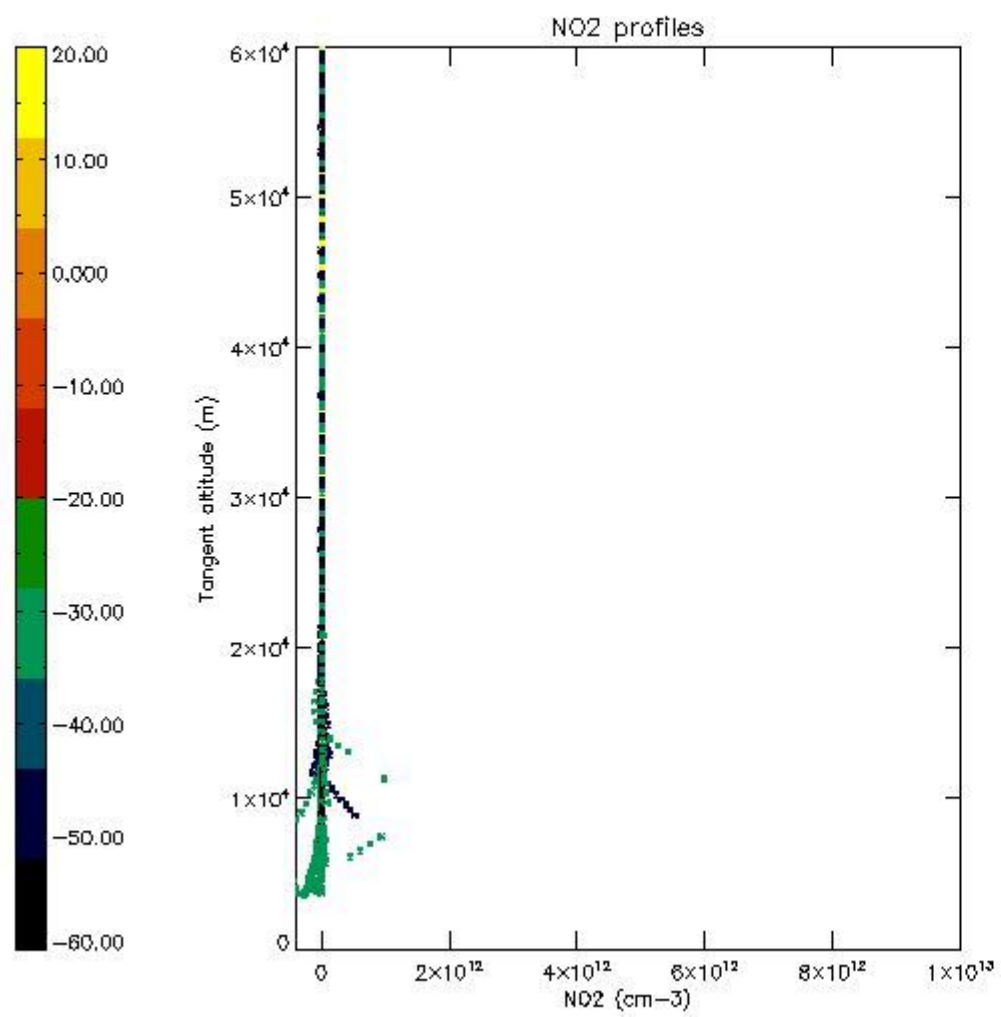
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



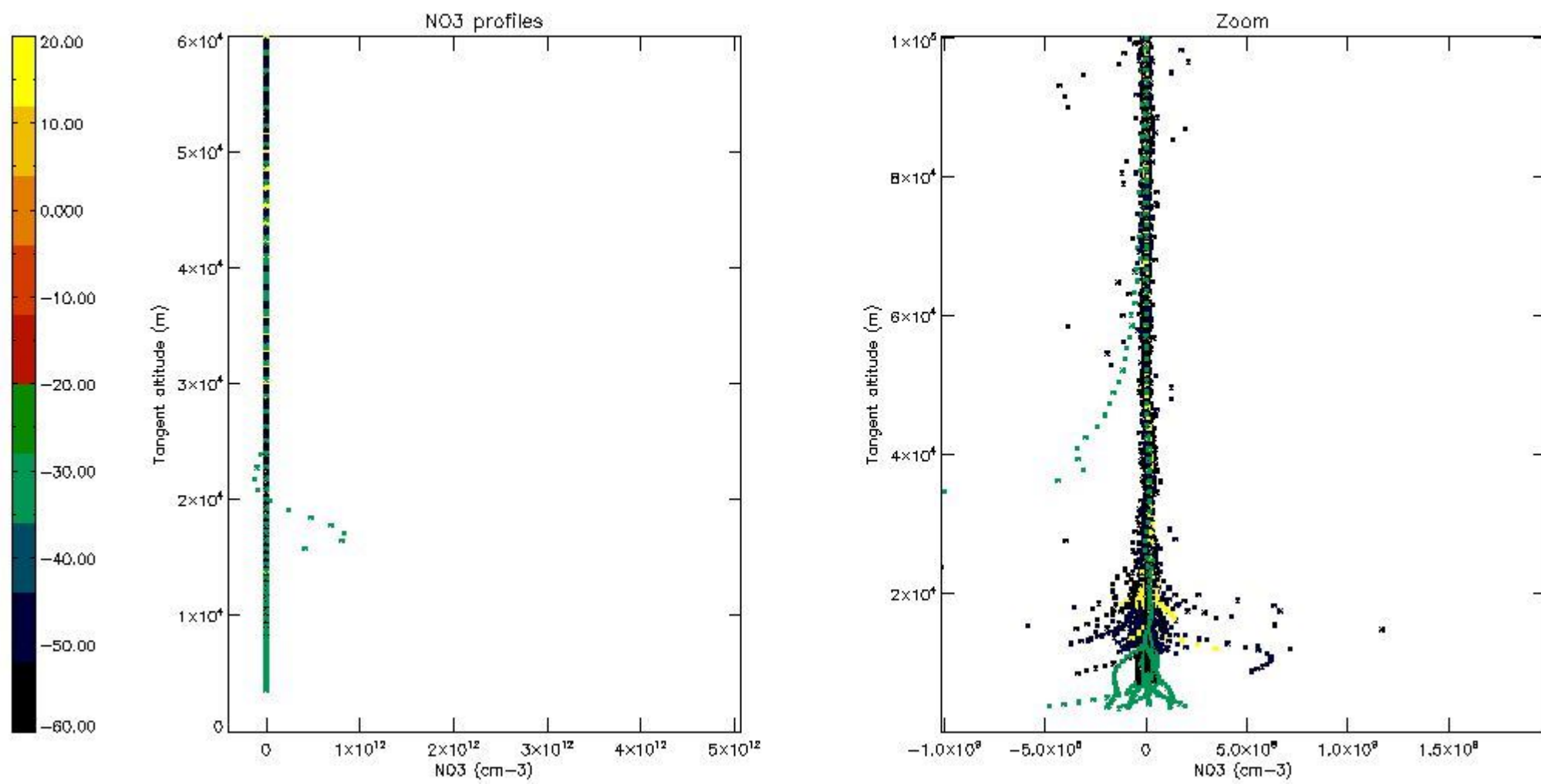
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



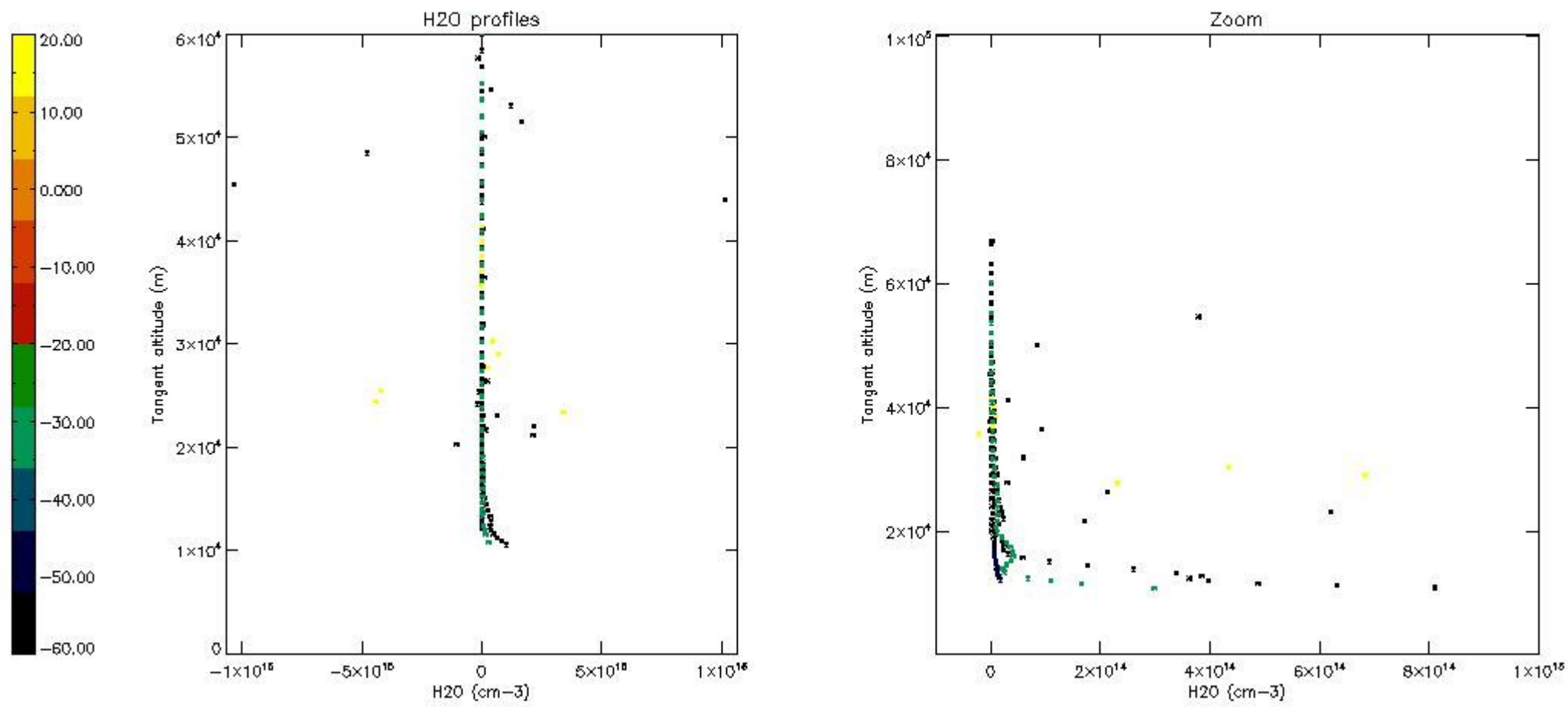
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

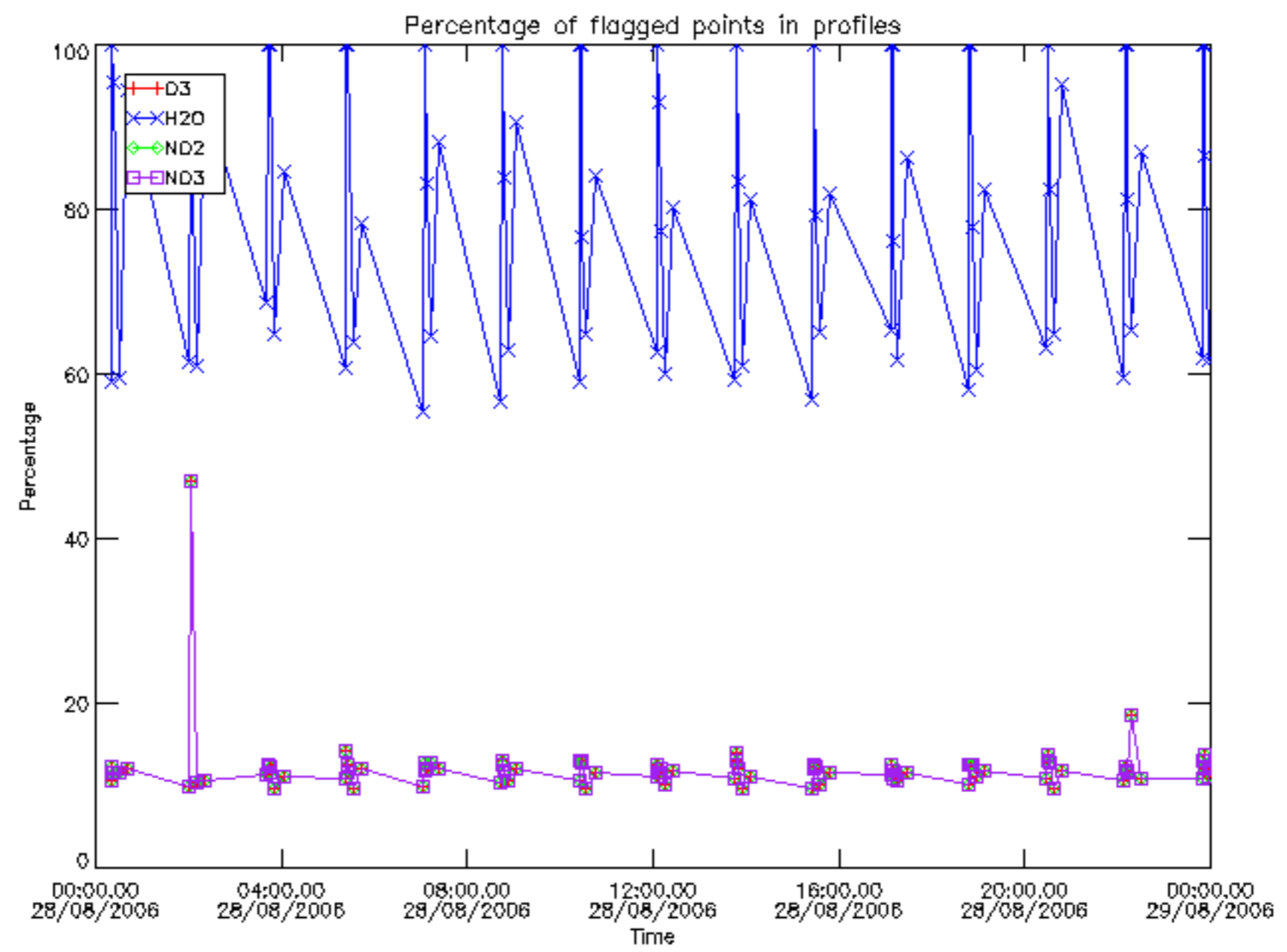
The colorbar represents the latitude.



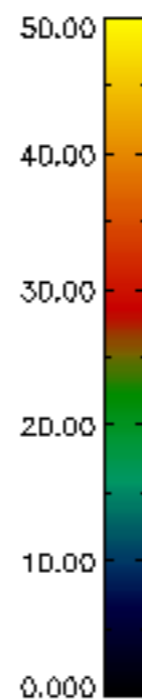
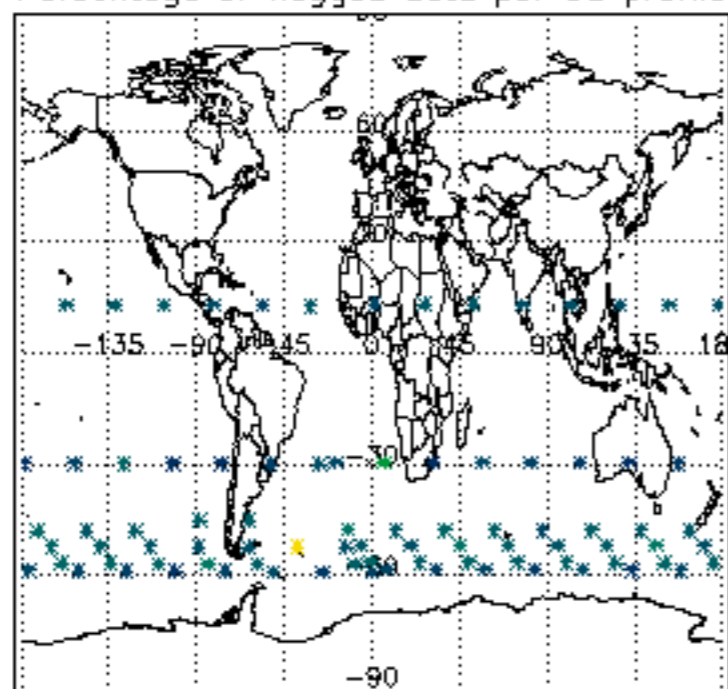
6. Auxiliary Data Files used for the production reported in section 2

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.

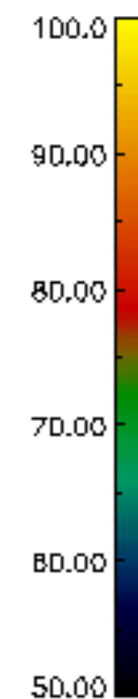
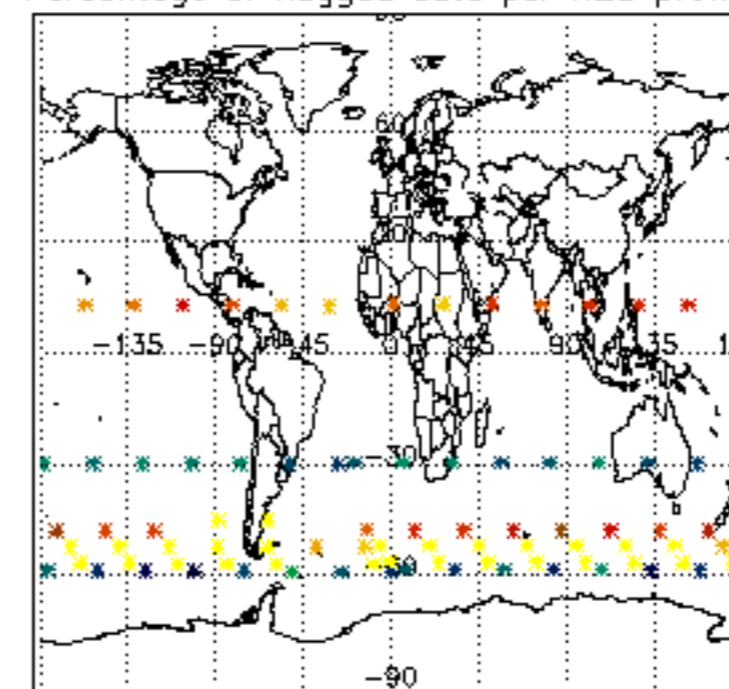
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 28-AUG-2006 00:05:26 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 28-AUG-2006 00:05:26 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 28-AUG-2006 00:05:26 |



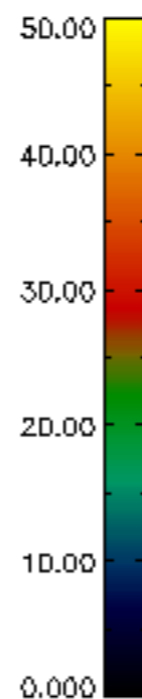
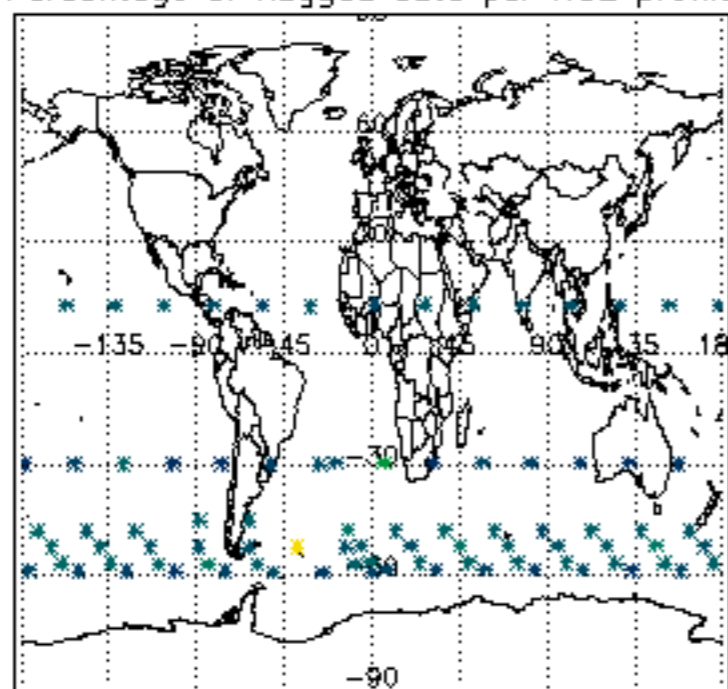
Percentage of flagged data per D3 profile



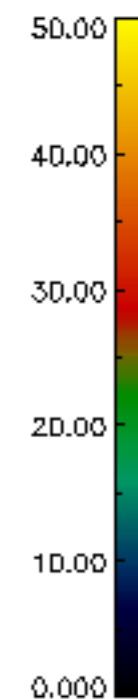
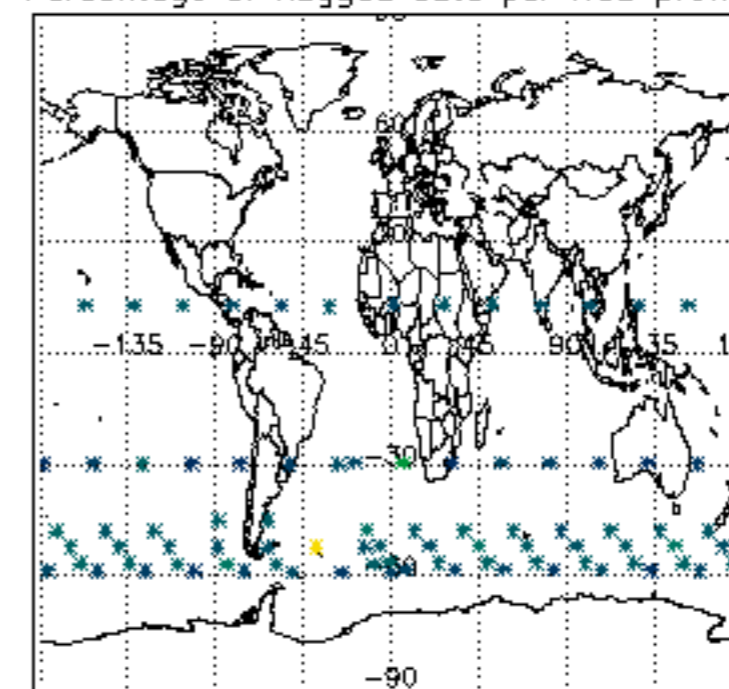
Percentage of flagged data per H2O profile

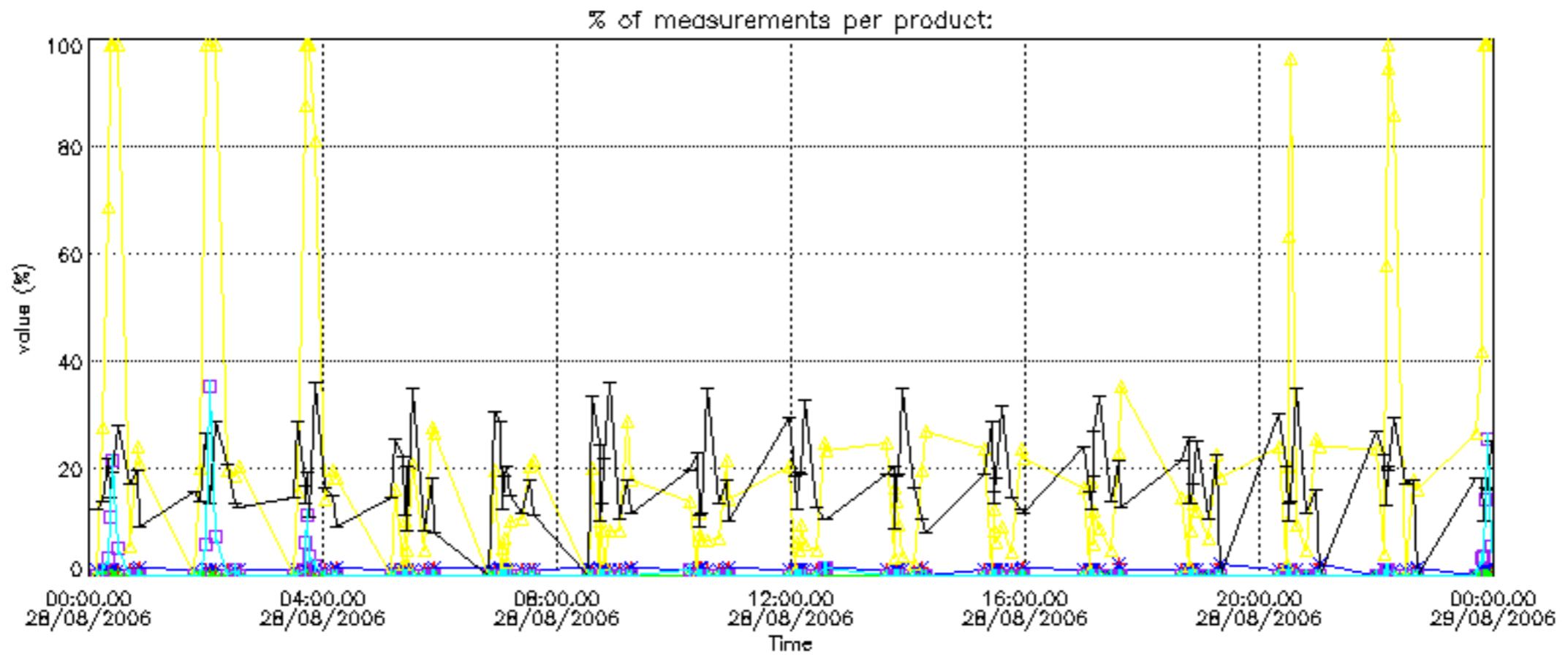


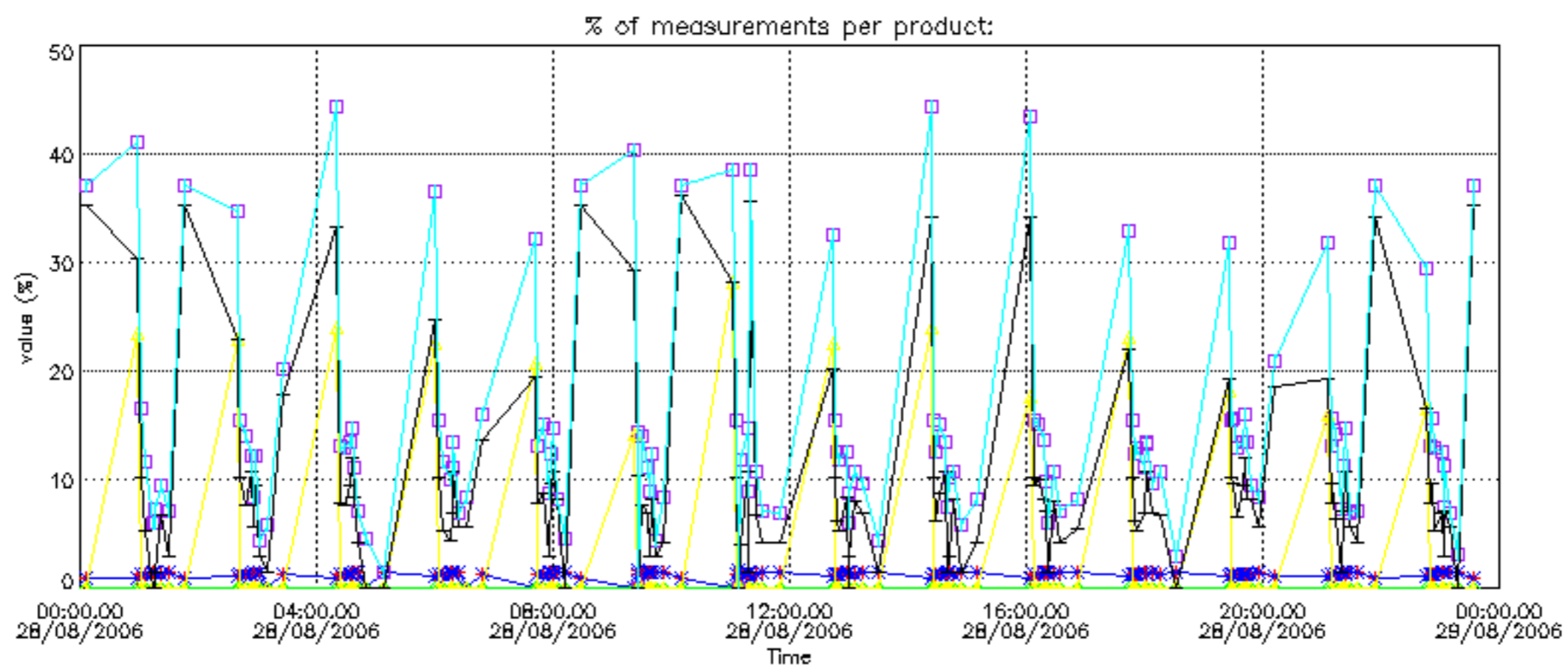
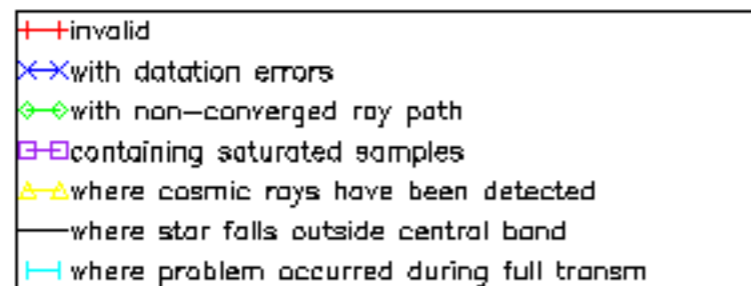
Percentage of flagged data per NO2 profile



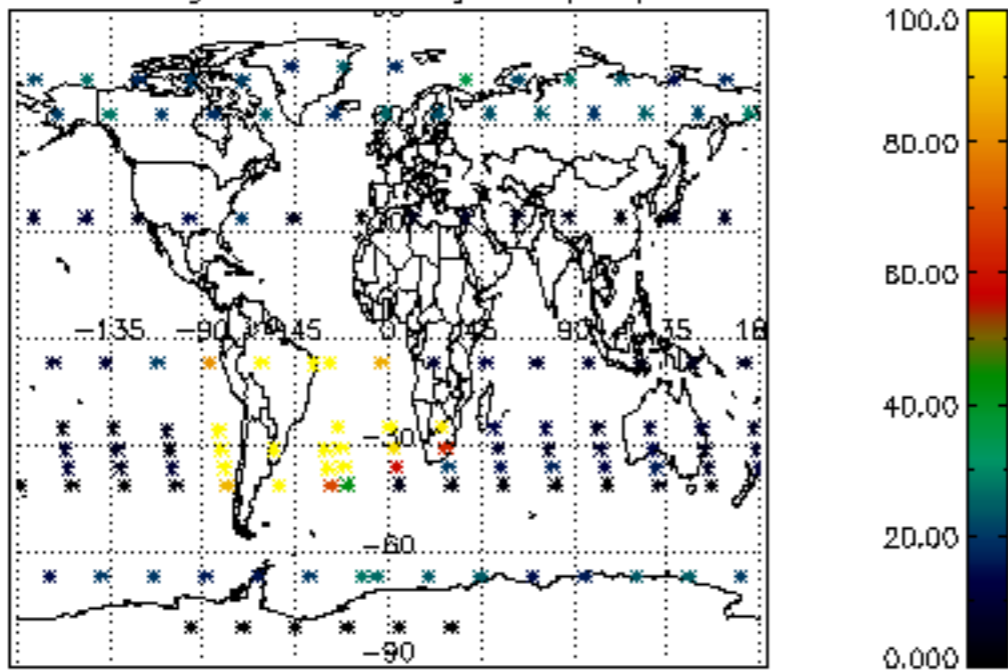
Percentage of flagged data per NO3 profile



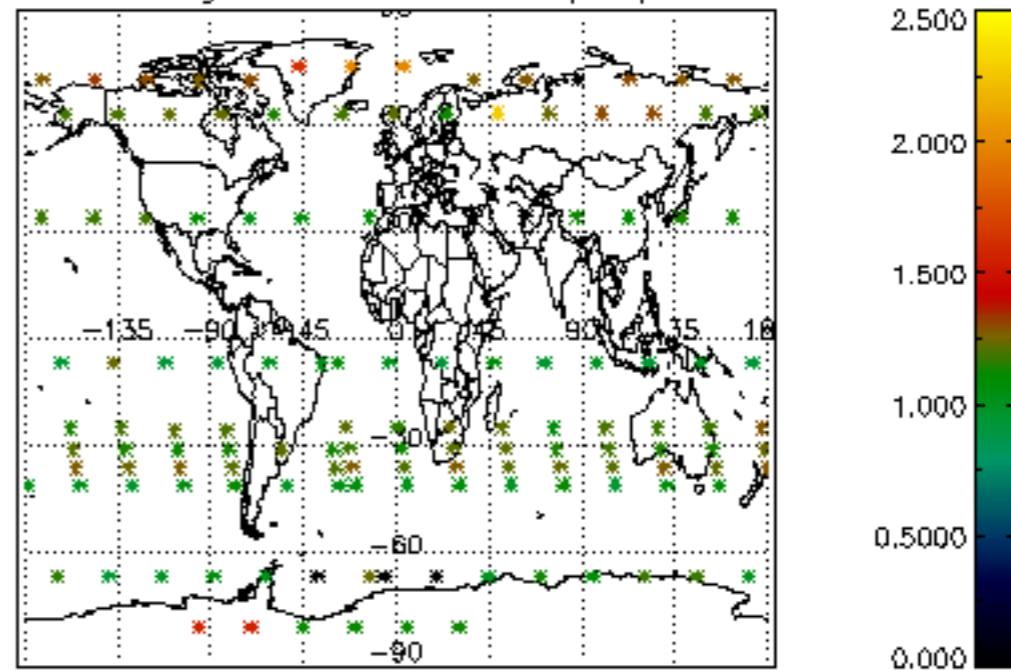




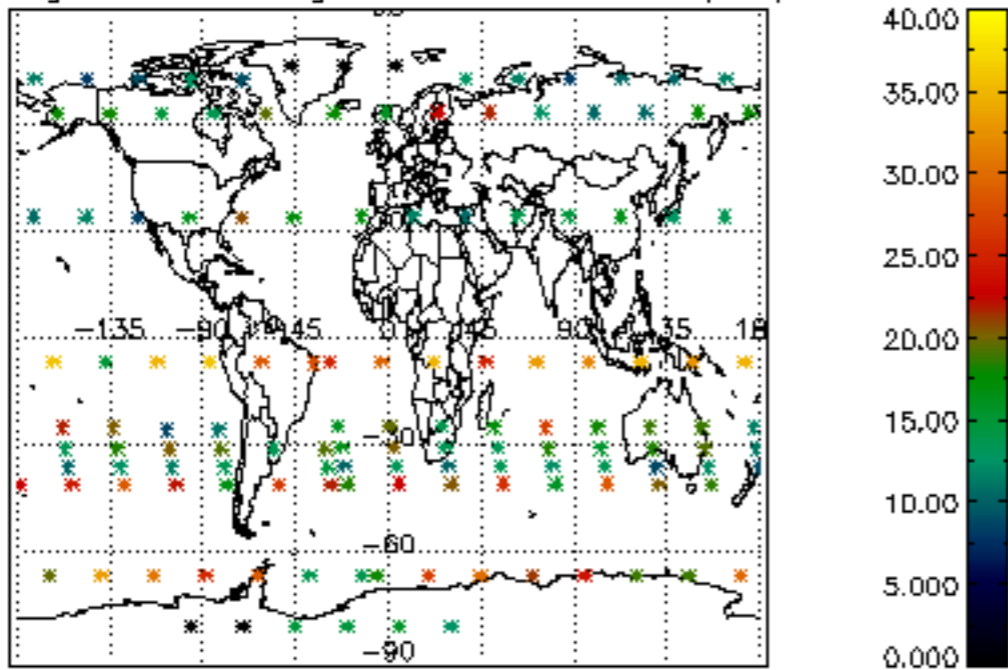
Percentage of cosmic ray hits per profile



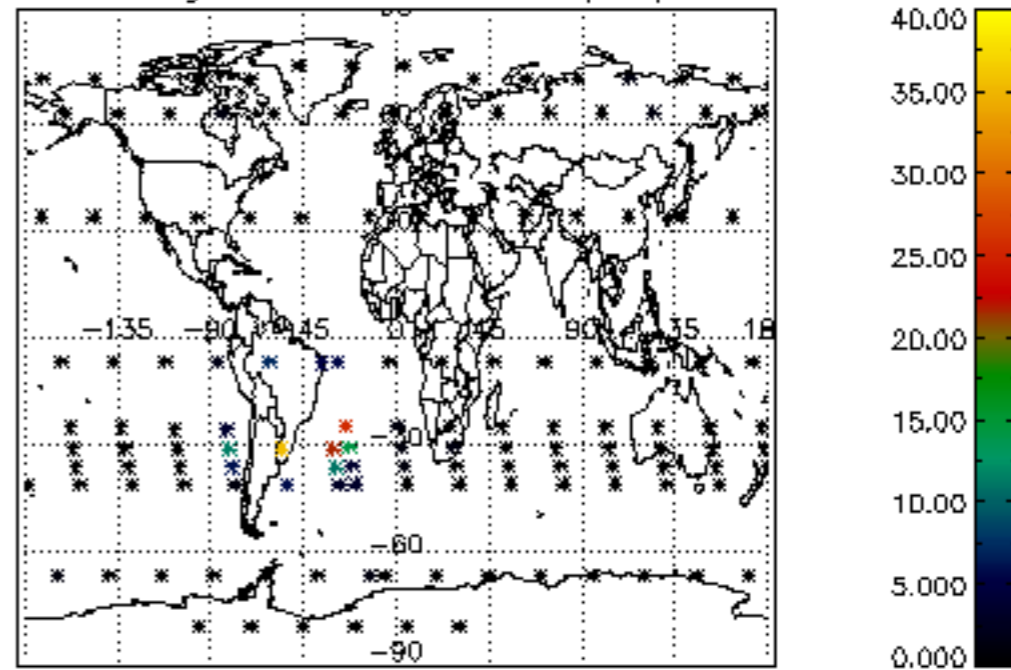
Percentage of datation errors per profile



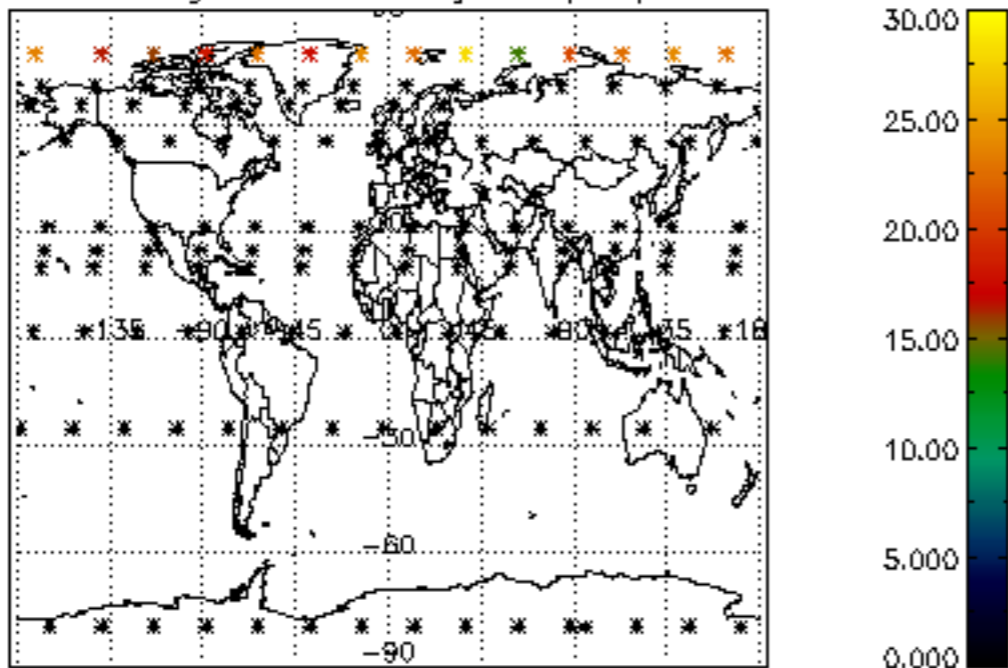
Percentage of star falling outside central band per profile



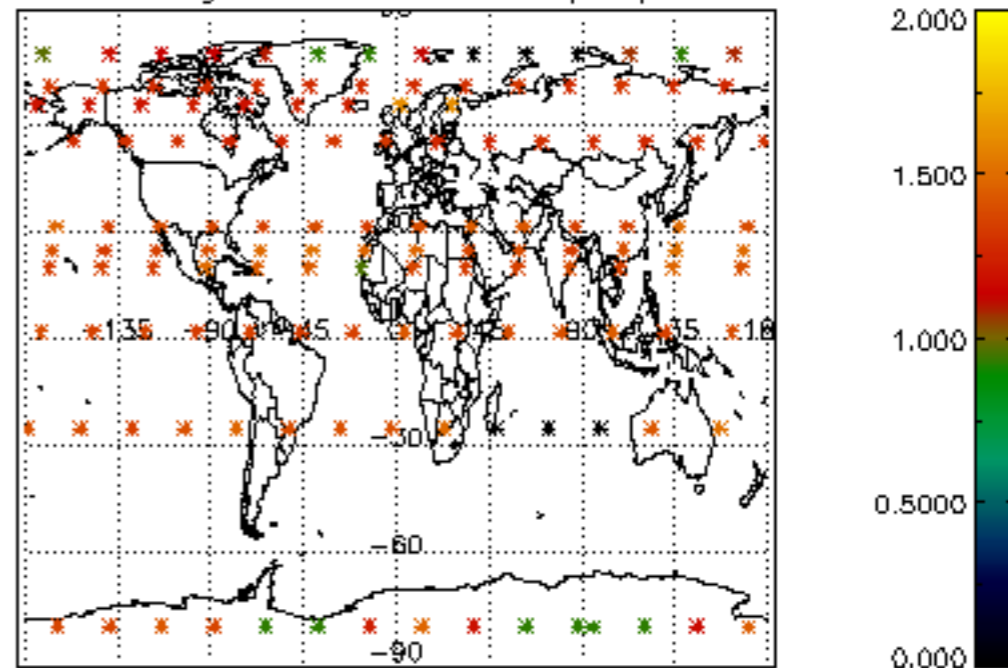
Percentage of saturation errors per profile



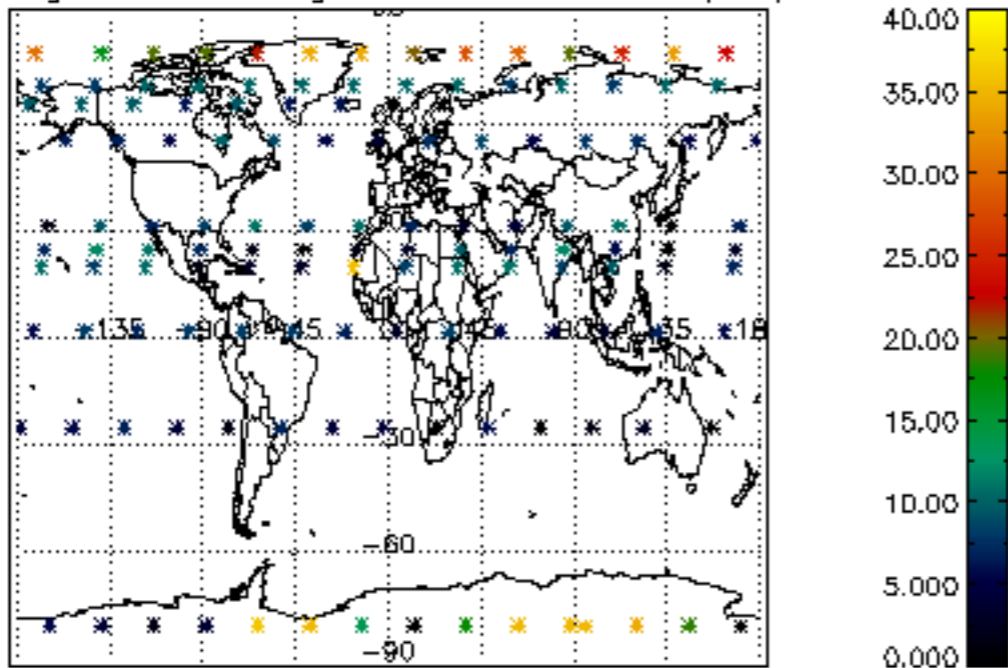
Percentage of cosmic ray hits per profile



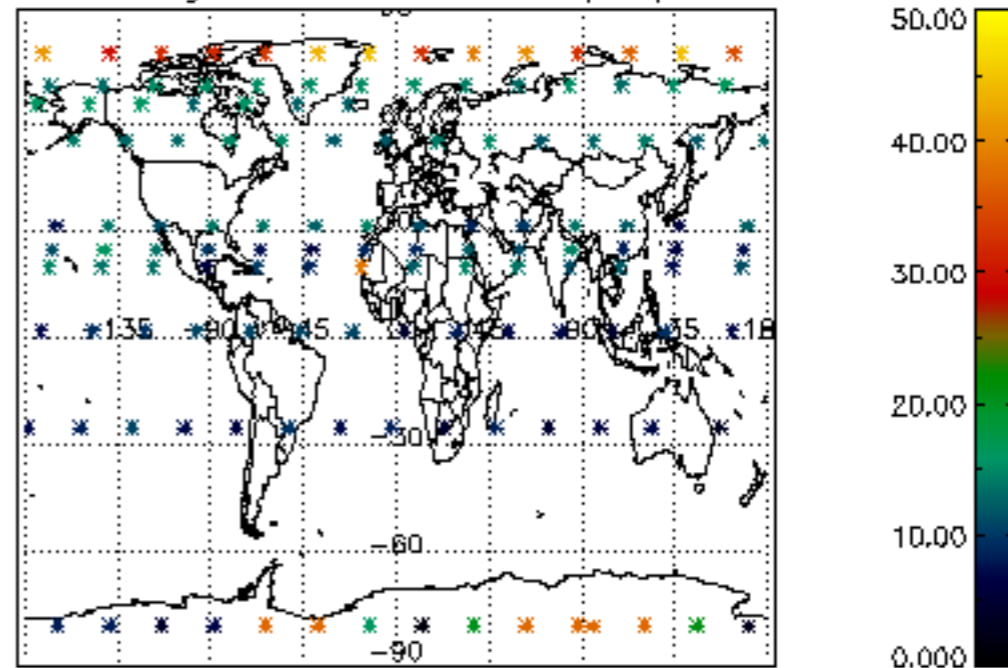
Percentage of datation errors per profile

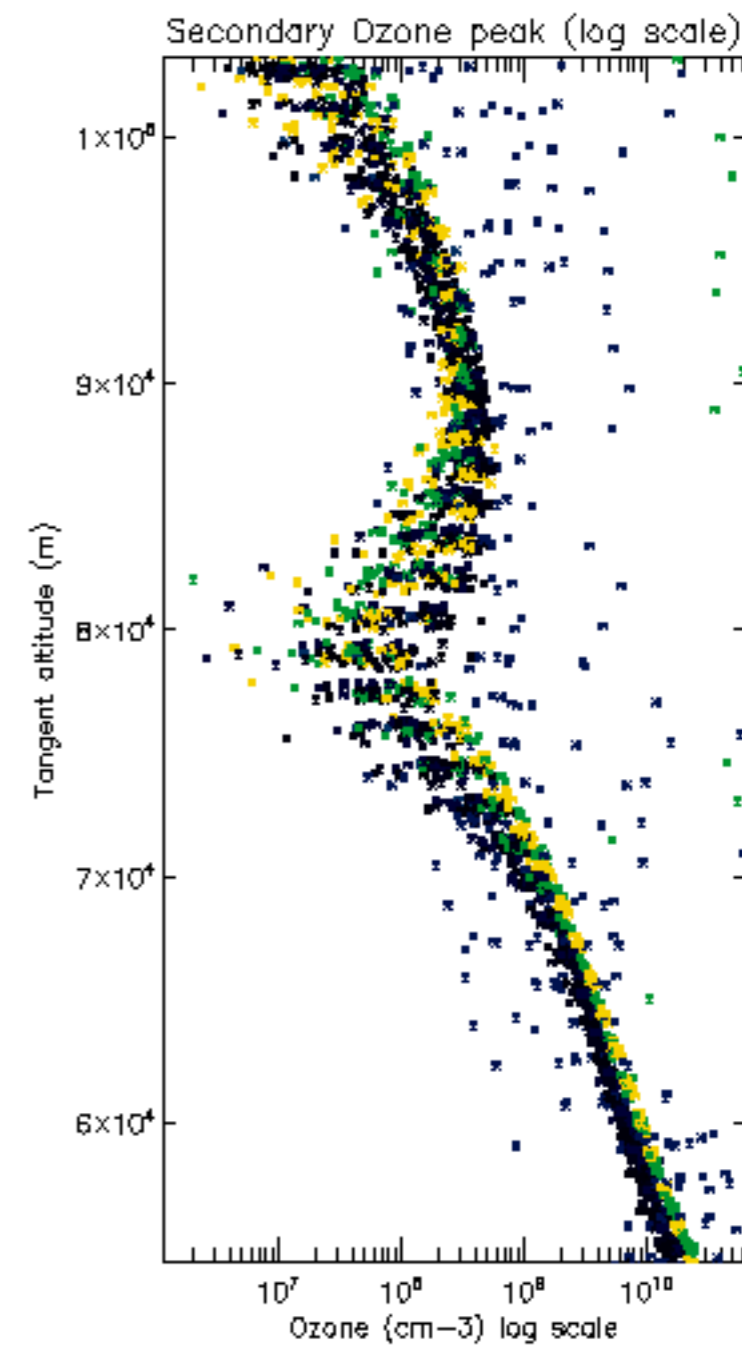
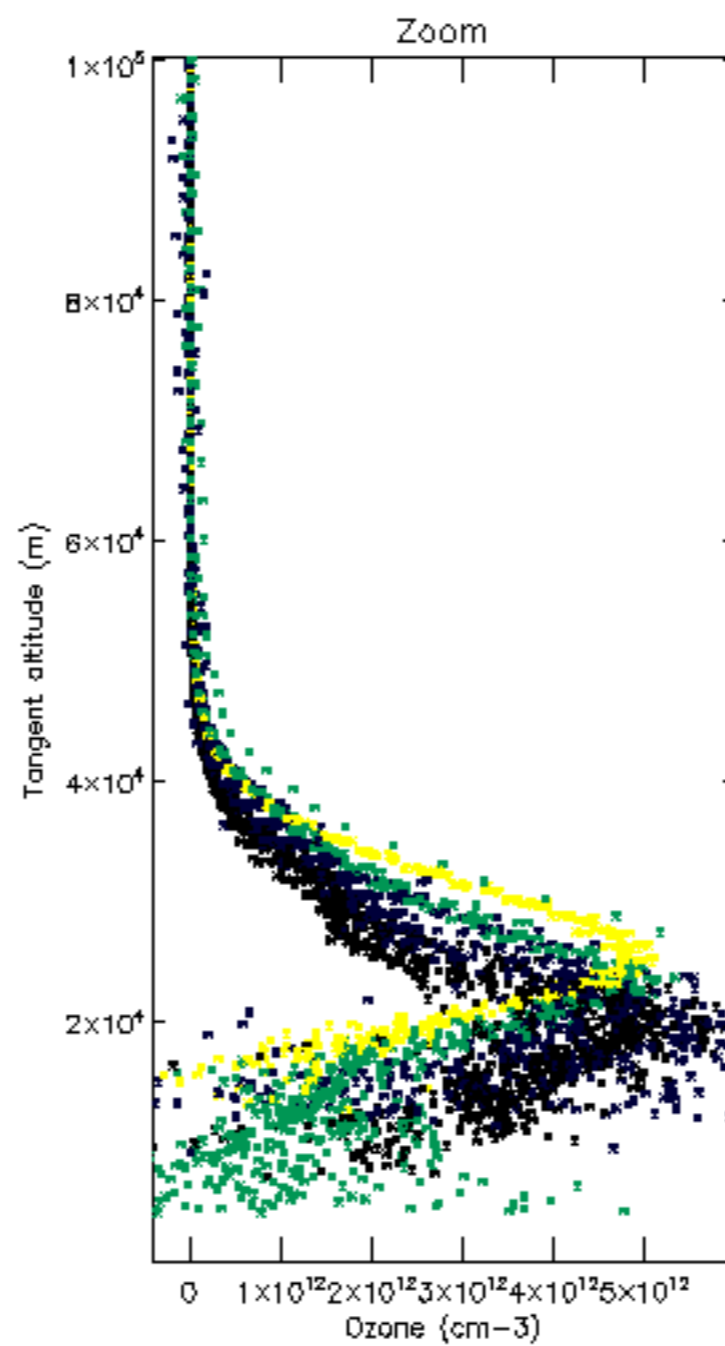
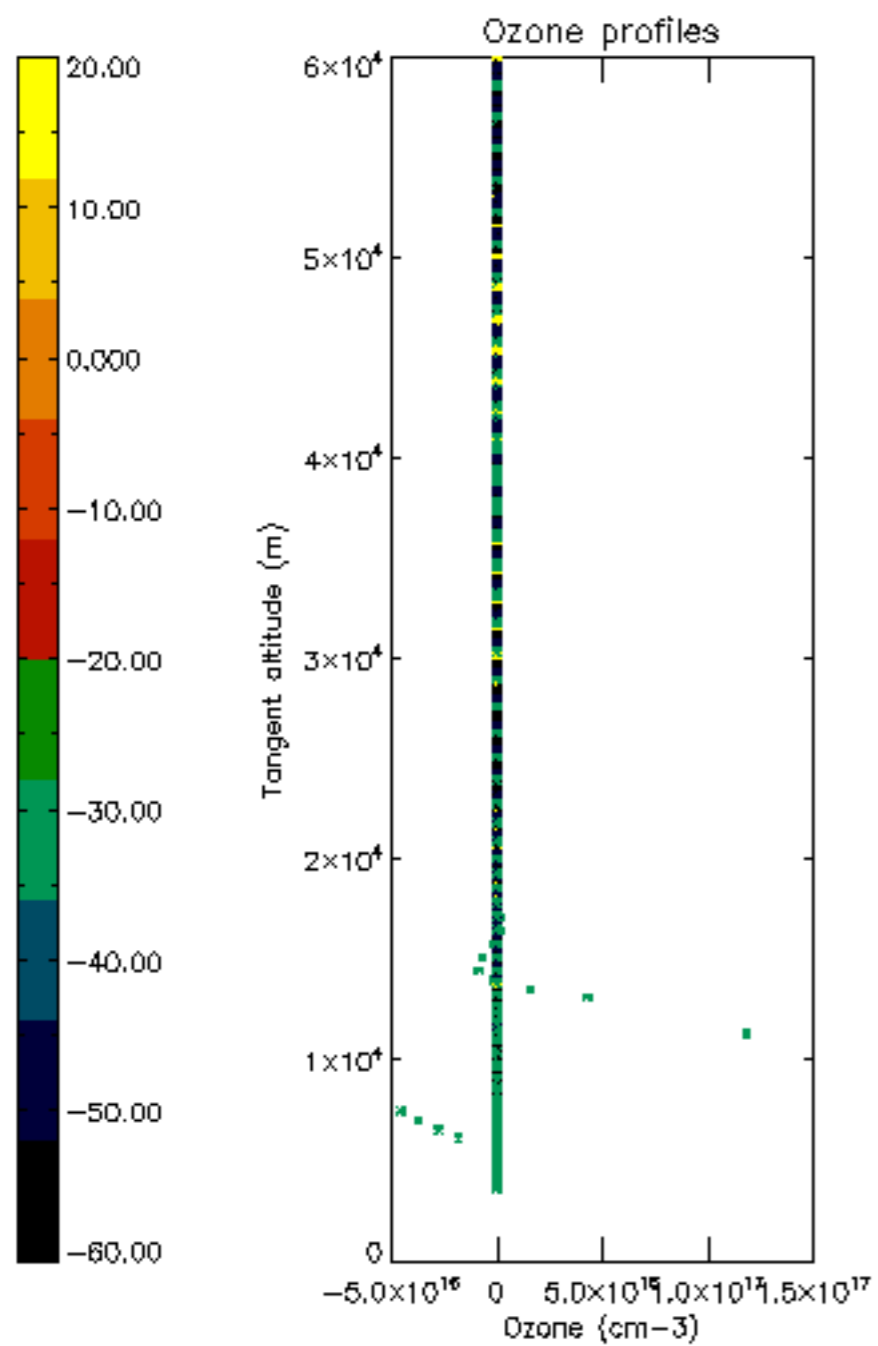


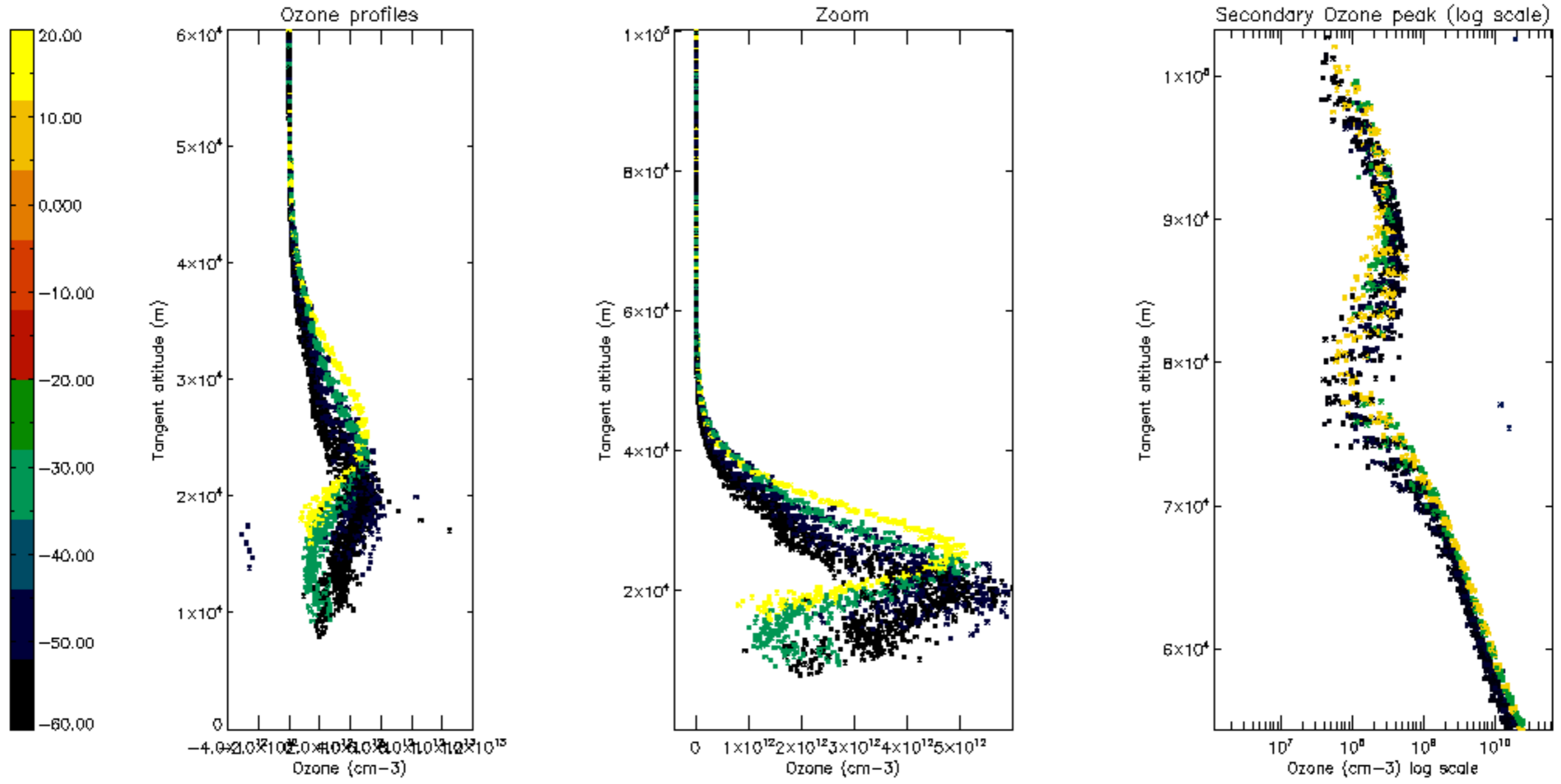
Percentage of star falling outside central band per profile

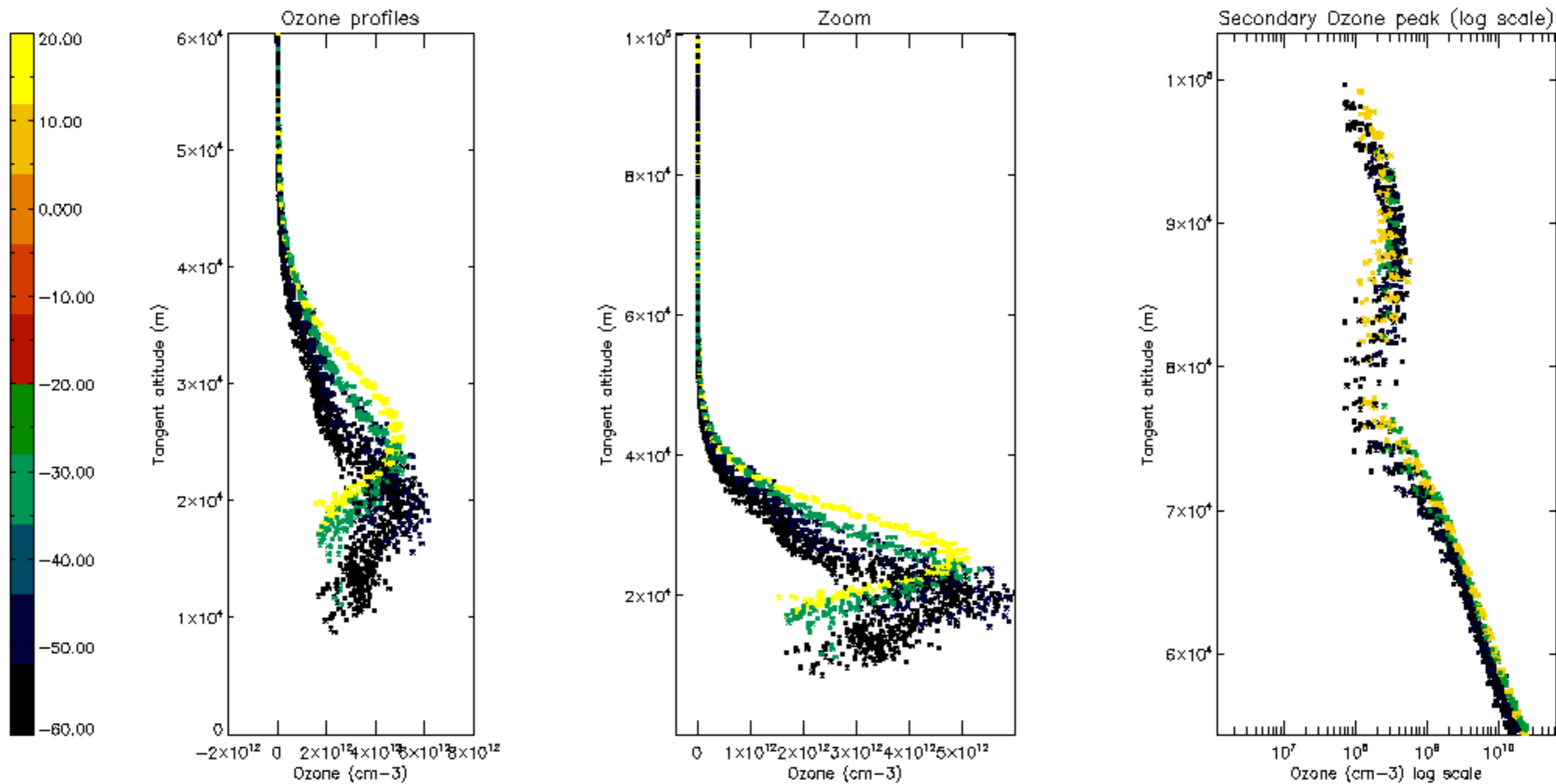


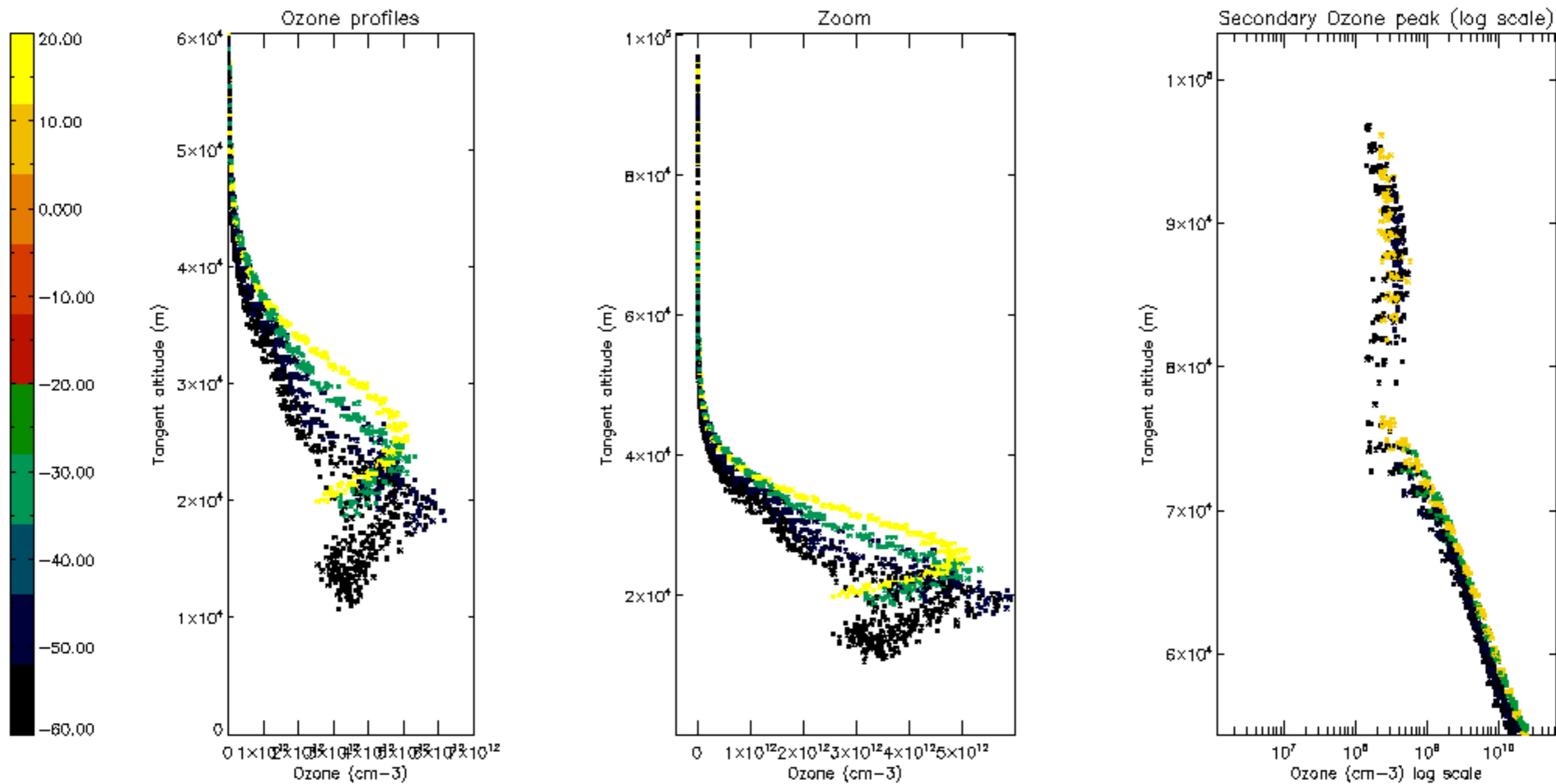
Percentage of saturation errors per profile

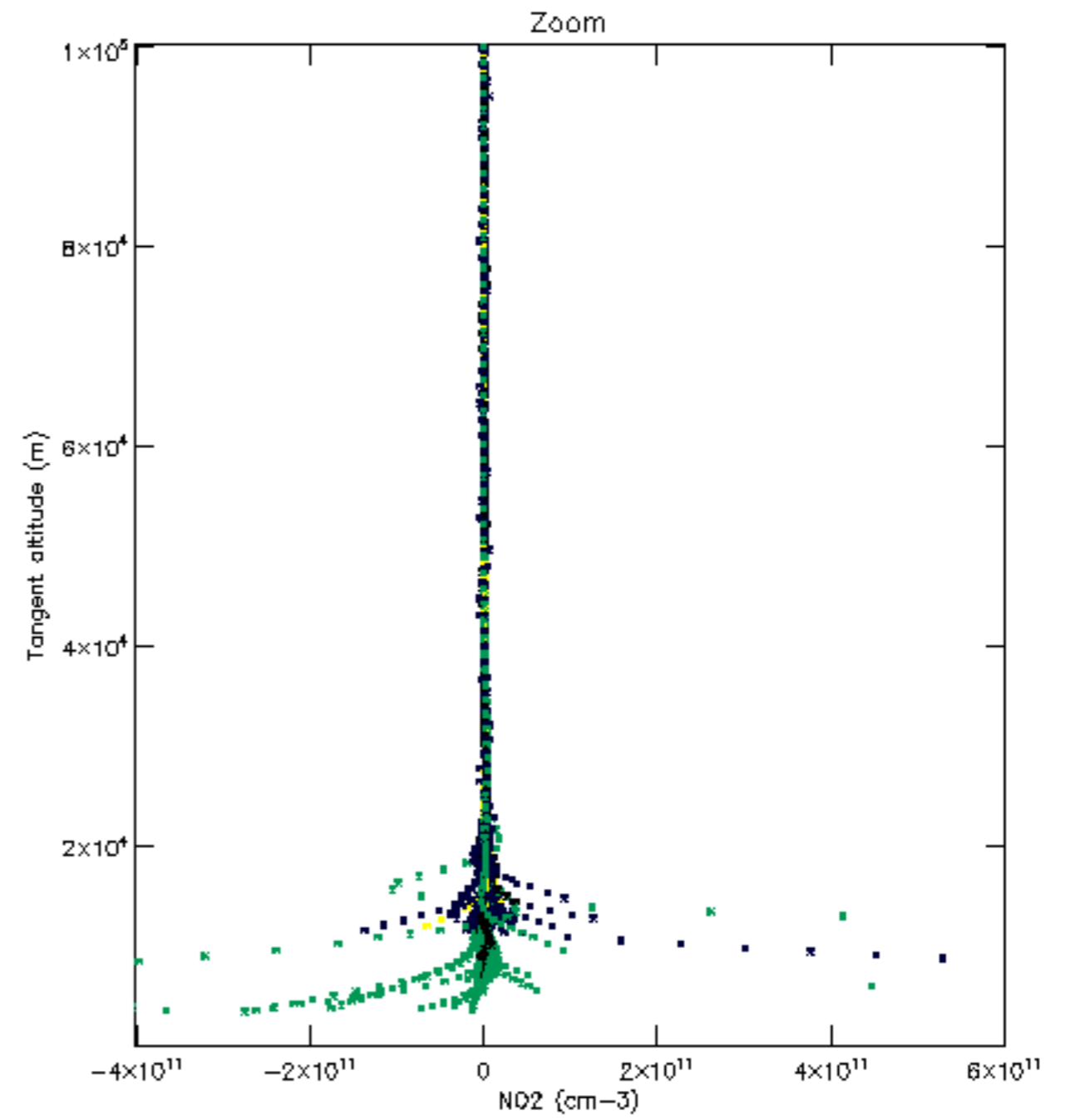
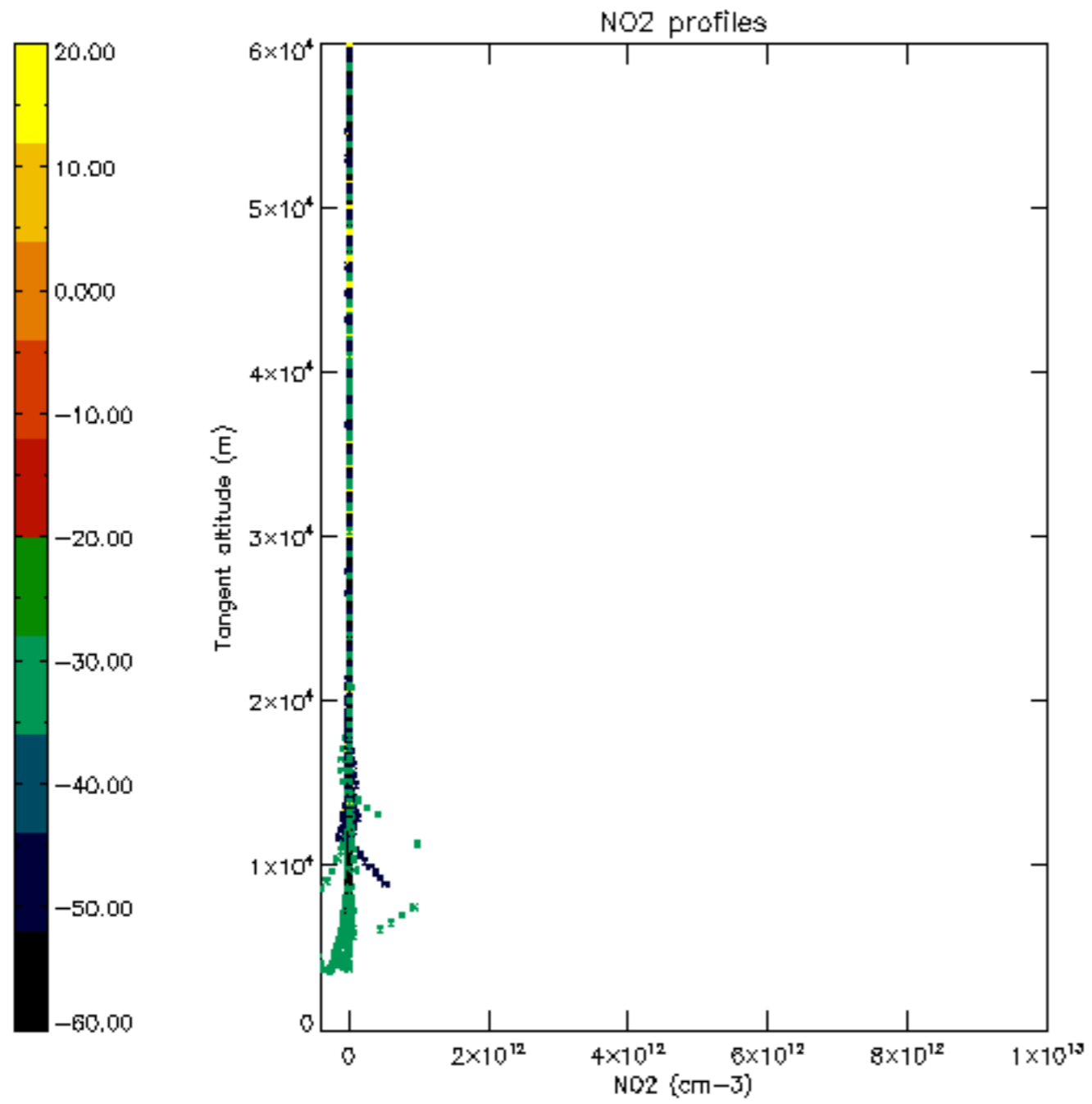


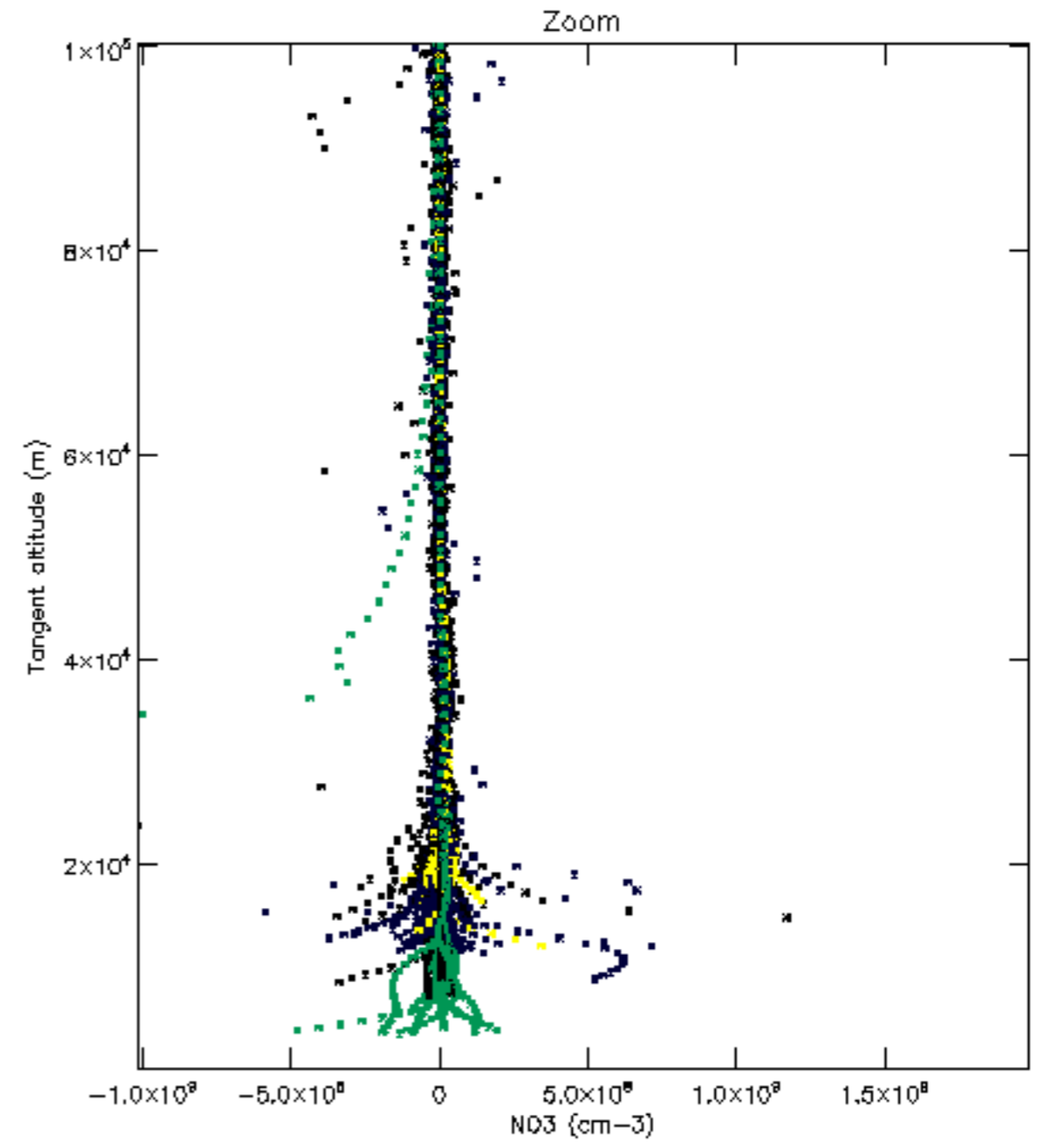
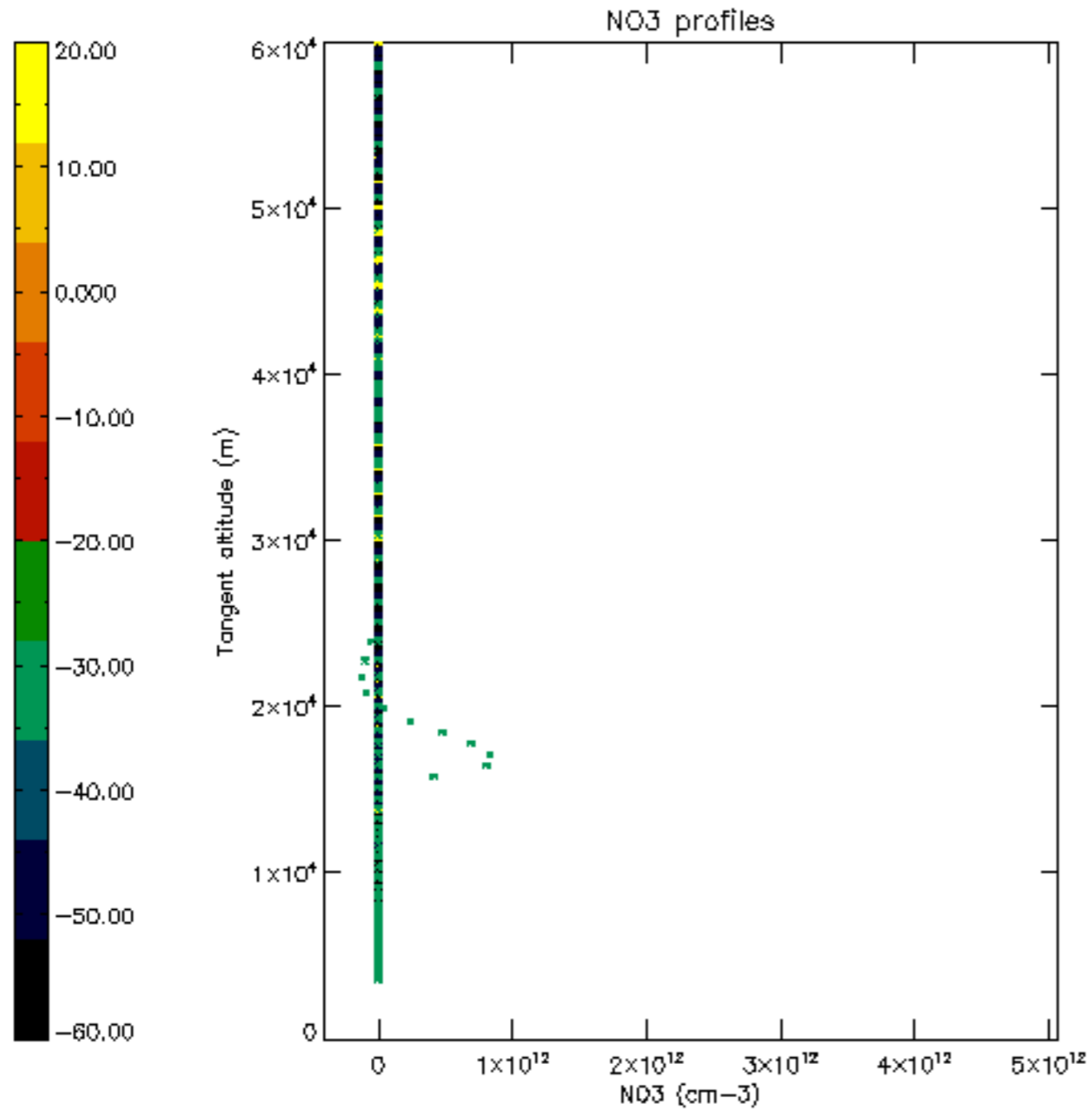


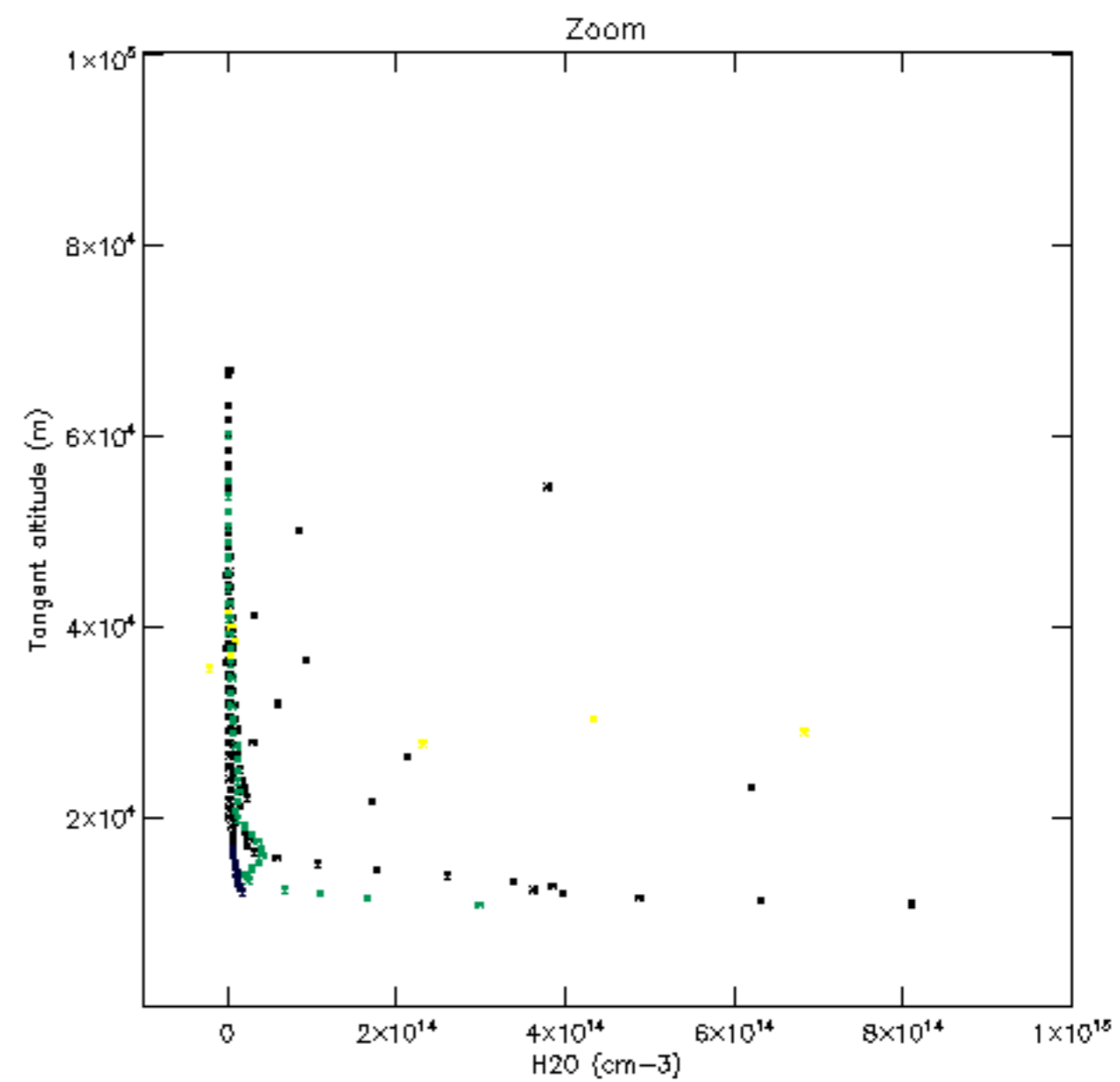
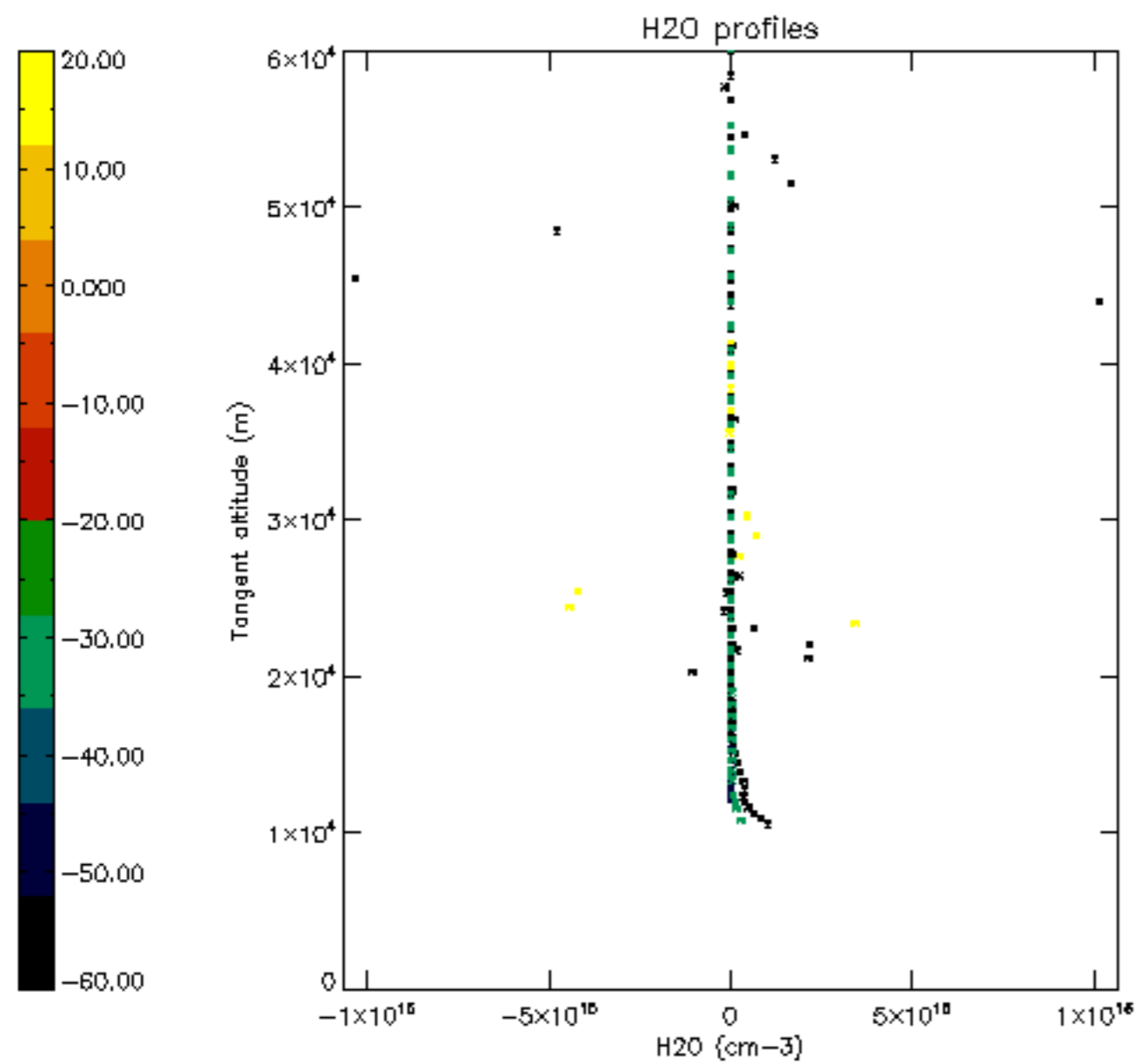


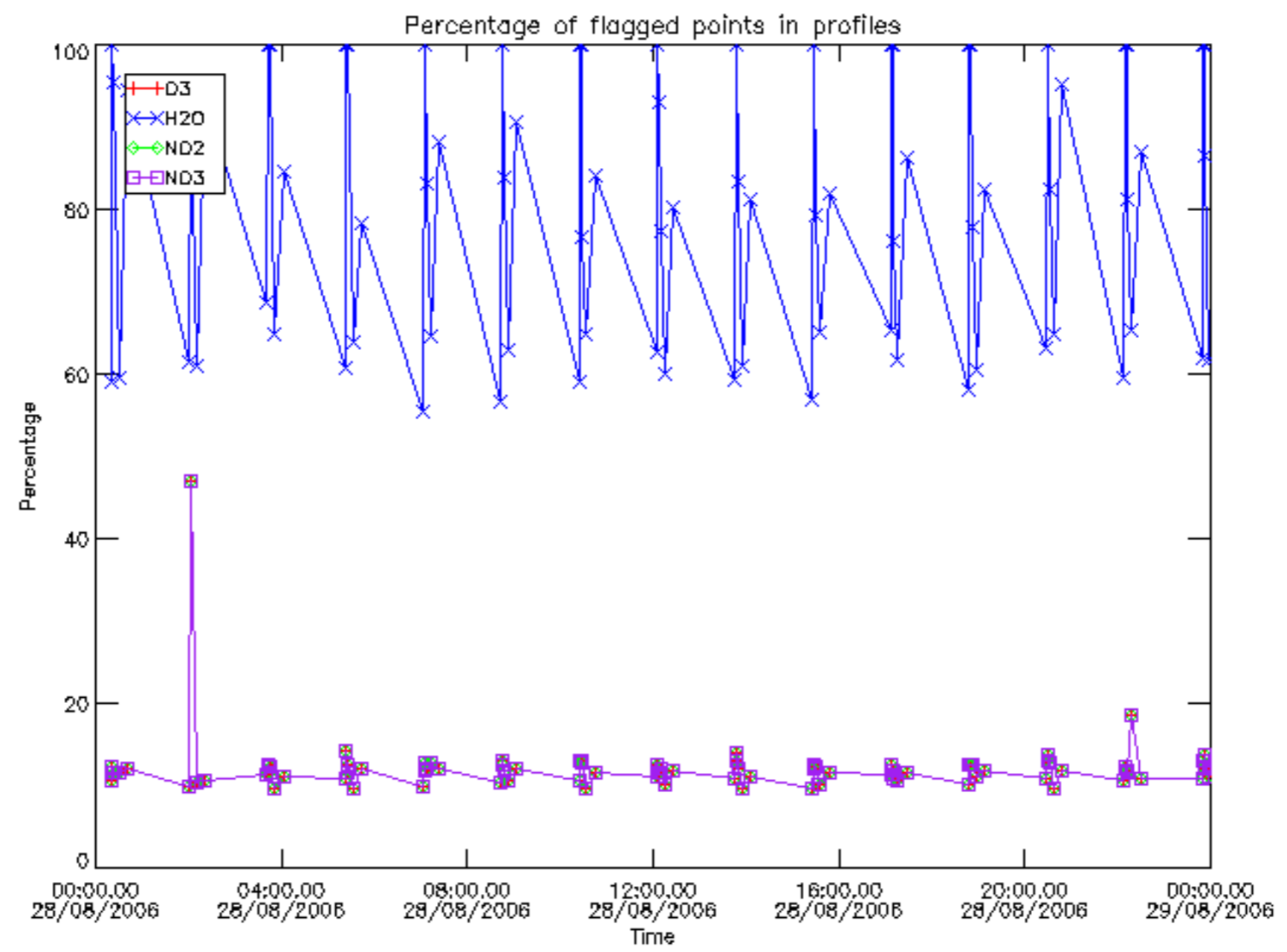




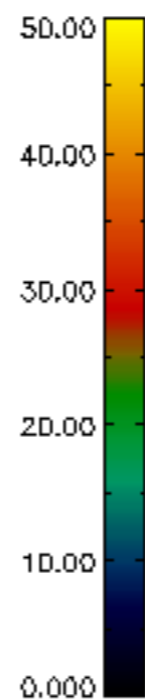
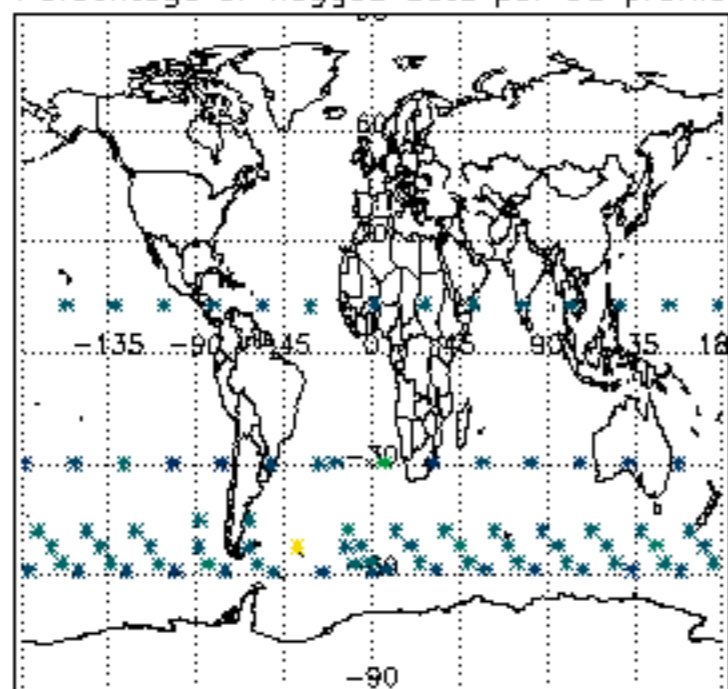




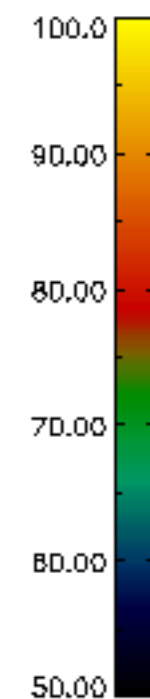
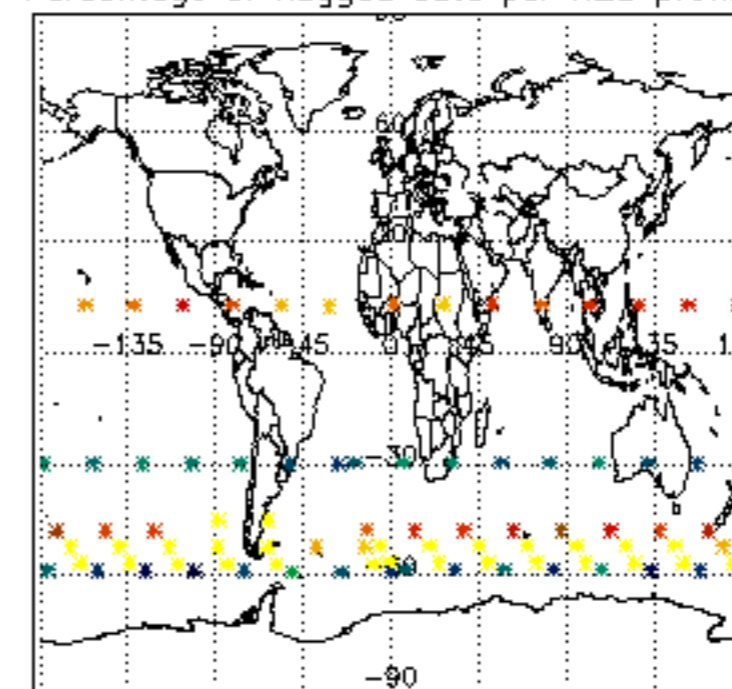




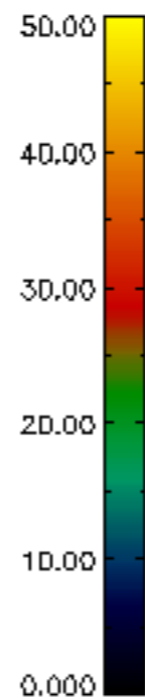
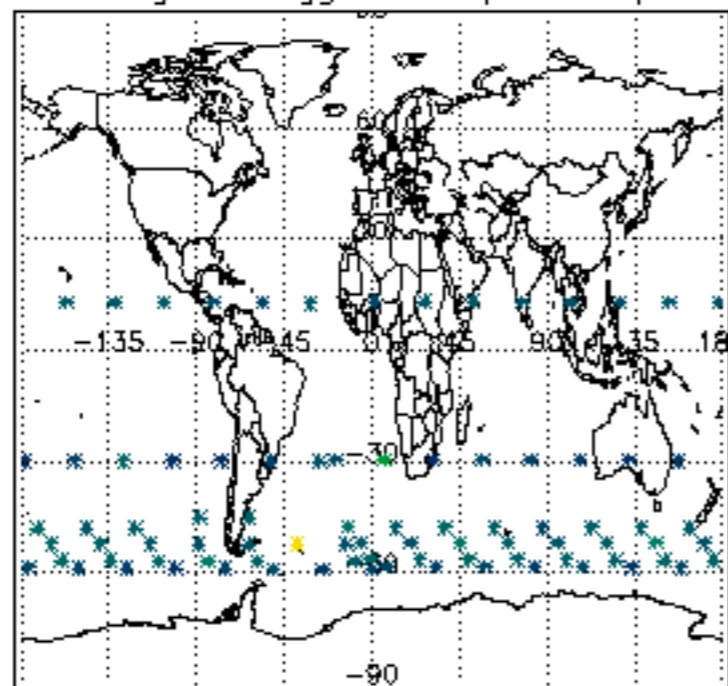
Percentage of flagged data per D3 profile



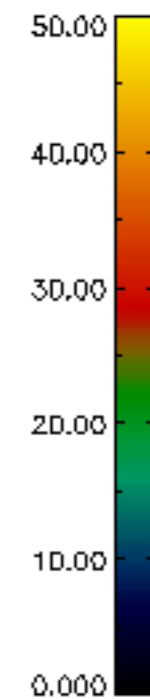
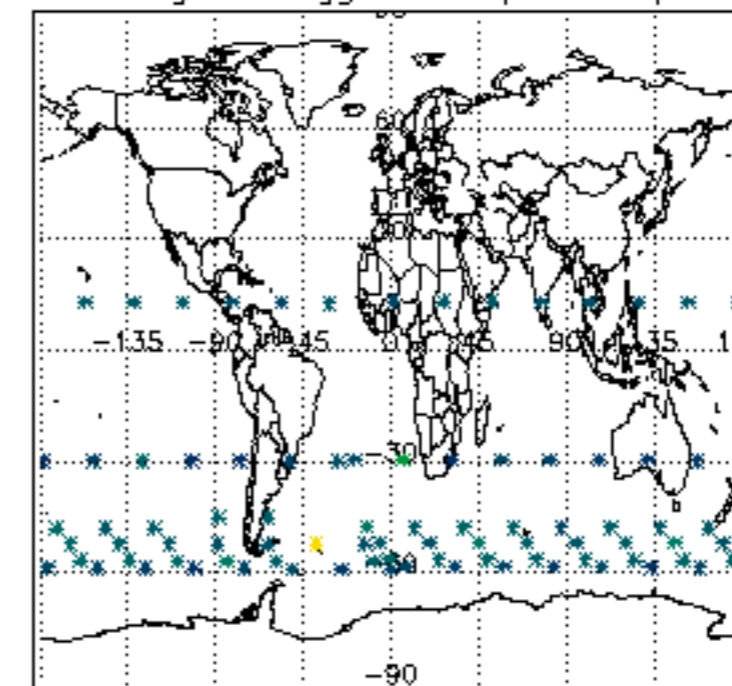
Percentage of flagged data per H2O profile

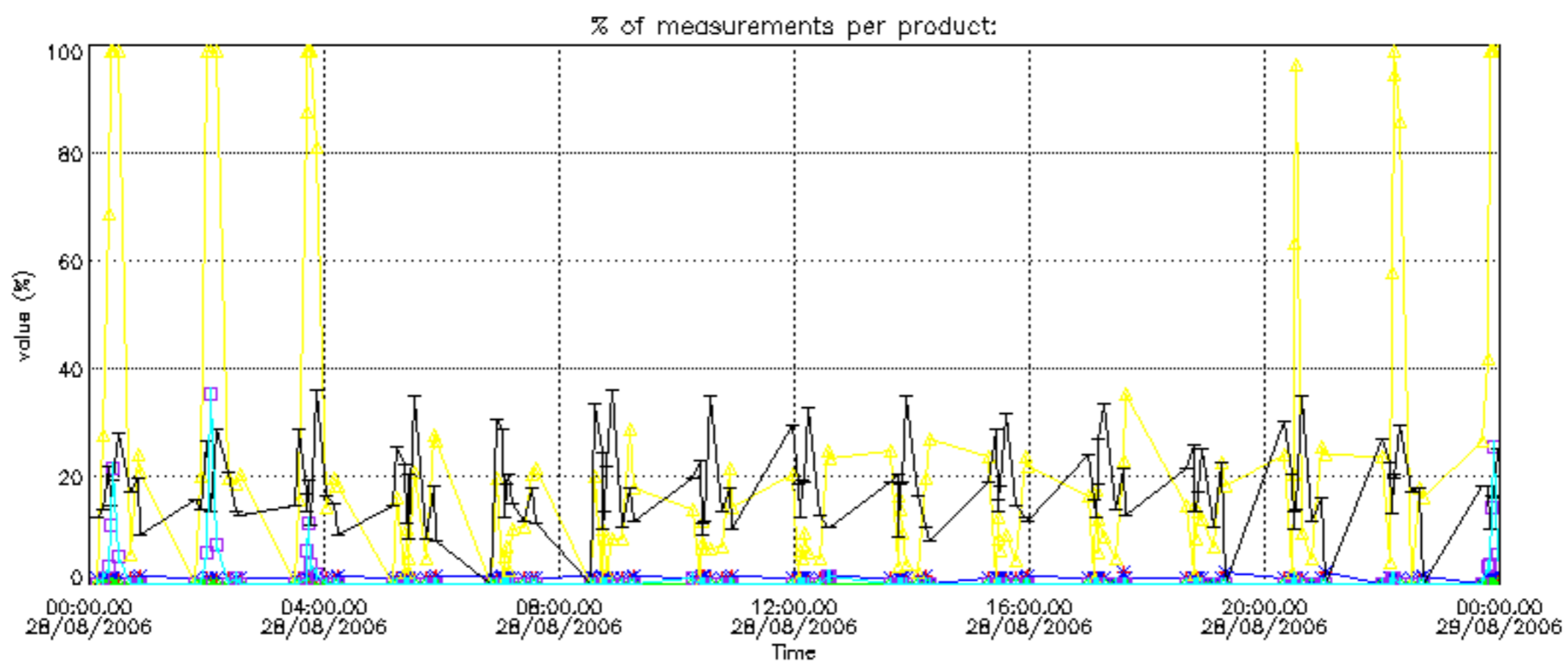


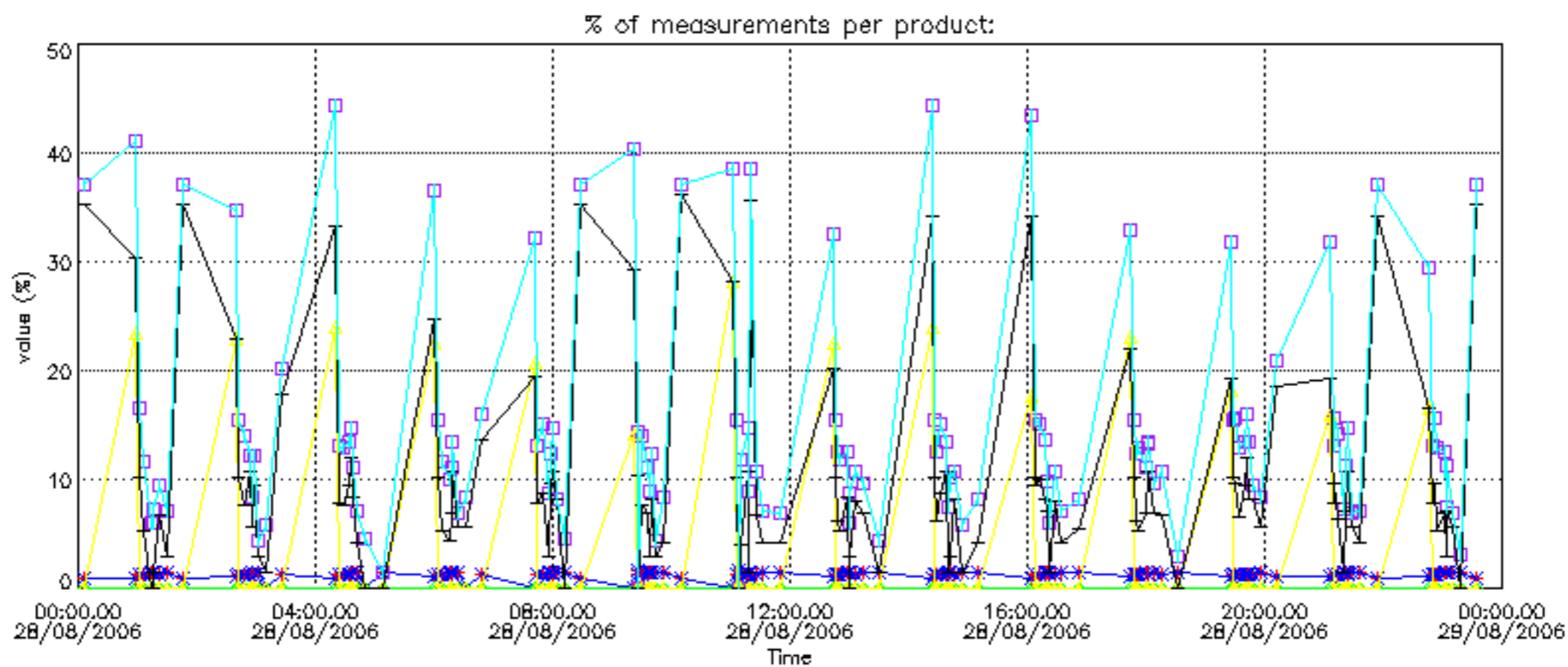
Percentage of flagged data per NO2 profile



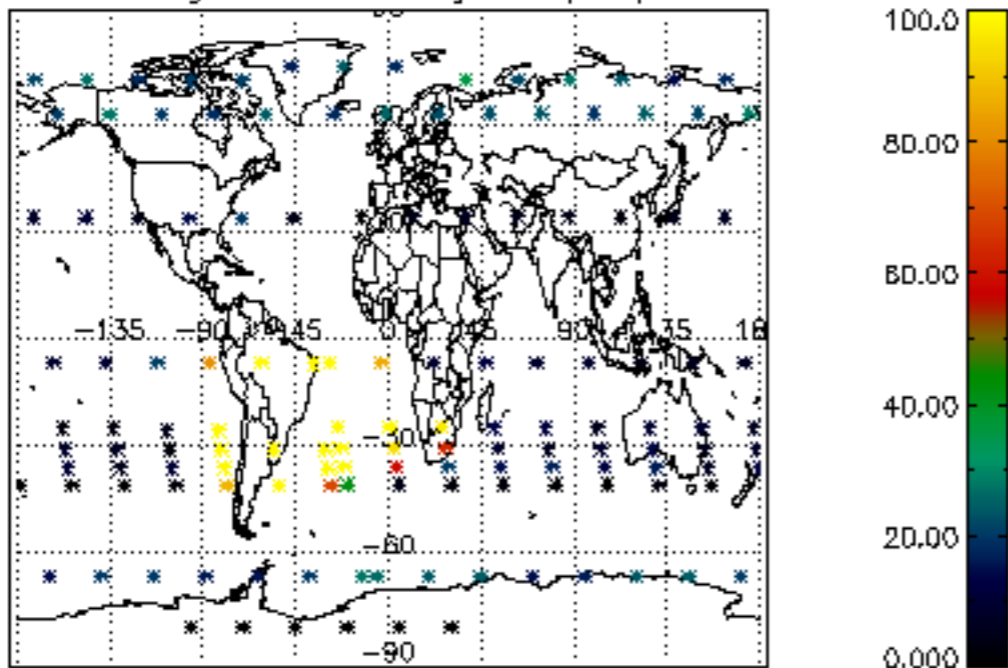
Percentage of flagged data per NO3 profile



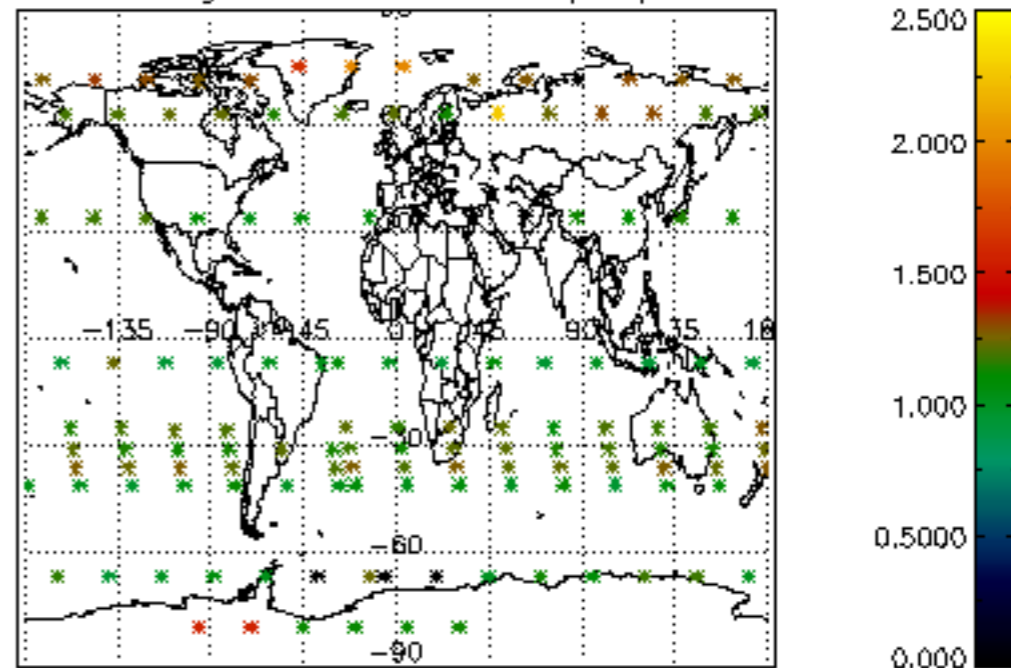




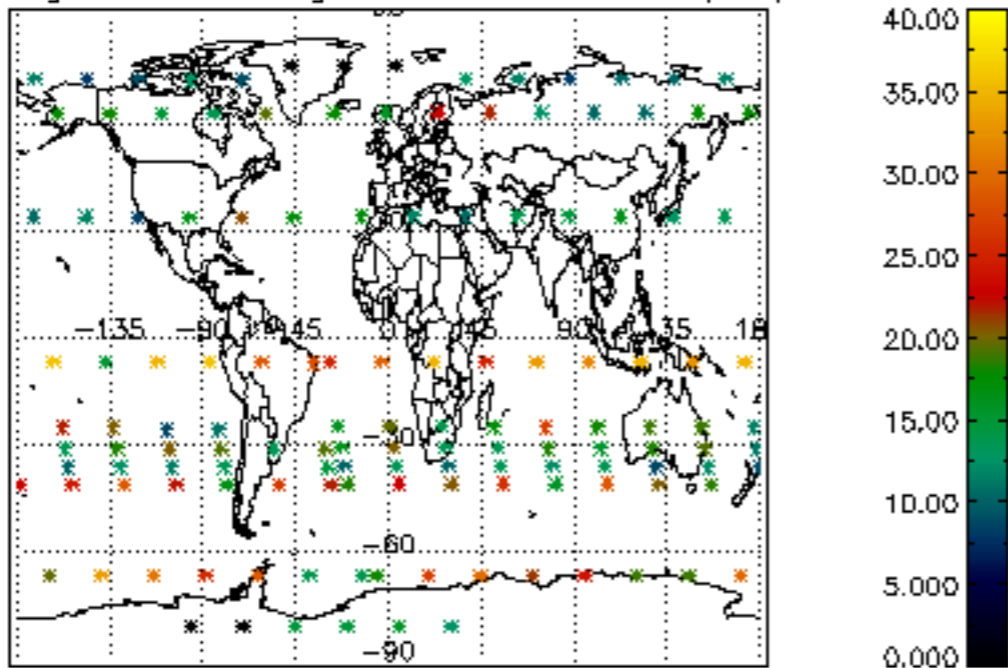
Percentage of cosmic ray hits per profile



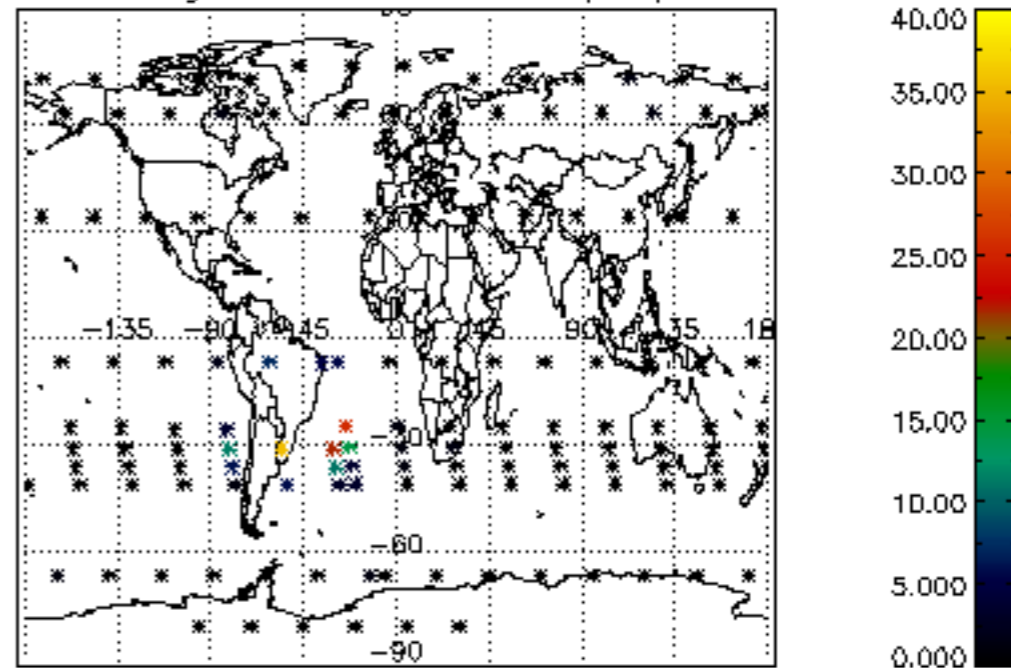
Percentage of datation errors per profile



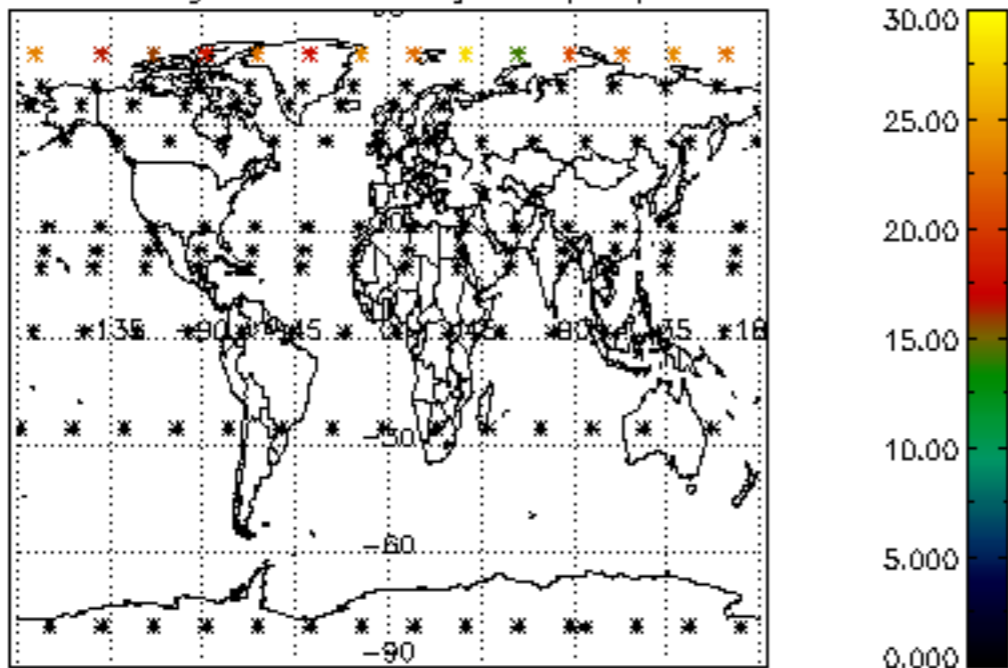
Percentage of star falling outside central band per profile



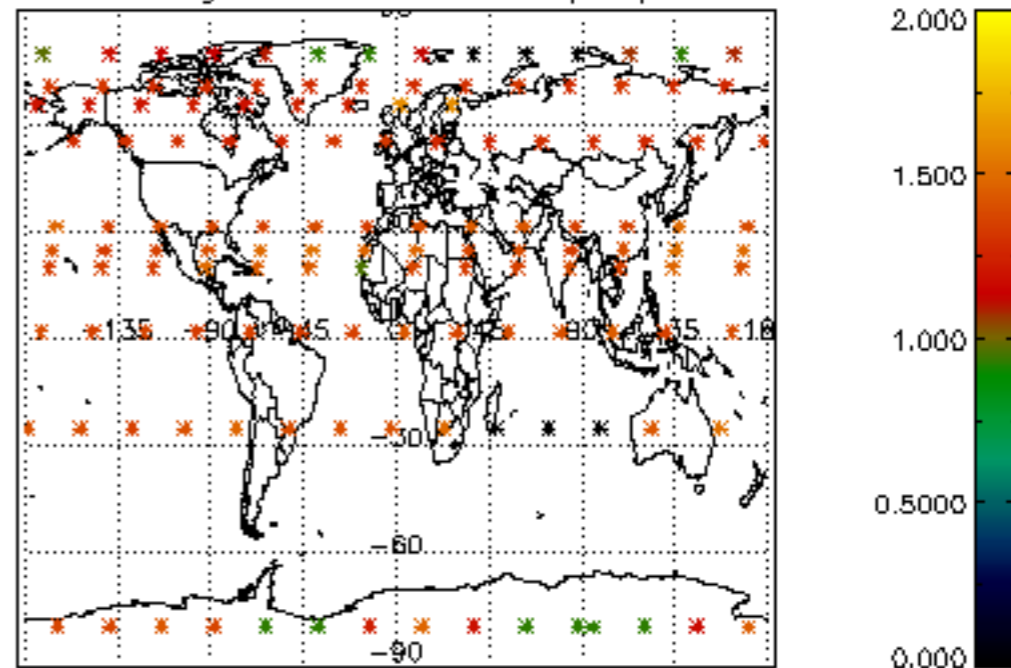
Percentage of saturation errors per profile



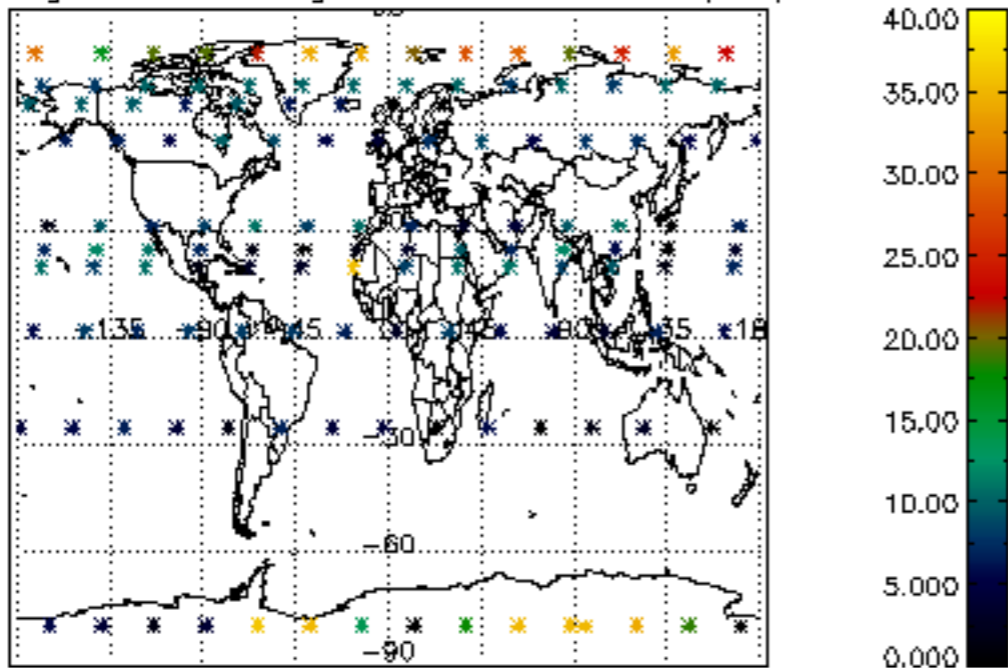
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

