

# 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 | 19APR2013 21:21:34              |
| Data source version       | GOMOS/6.01                      |
| Start time of products    | 07-10-2003 (07OCT2003 00:00:00) |
| Stop time of products     | 08-10-2003 (08OCT2003 00:00:00) |
| Store outputs in DB       | Yes                             |
| Nb of level 2 prods       | 400                             |
| 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__2PRFIN20031007_000125_000001522020_00302_08372_0411.N1 | 07-OCT-2003 00:01:25 | Straylight | 152.00   | 170     | 27Eps Gem | 3.0000   | 9700.0    | 304     | 8372  | No          |
| 2  | GOM_NL__2PRFIN20031007_000735_000001032020_00302_08372_0412.N1 | 07-OCT-2003 00:07:35 | Dark       | 103.00   | 8       | 10Alp CMi | 0.40000  | 6500.0    | 206     | 8372  | No          |
| 3  | GOM_NL__2PRFIN20031007_001608_000000472020_00302_08372_0413.N1 | 07-OCT-2003 00:16:08 | Dark       | 47.000   | 65      | Lam Vel   | 2.2040   | 4400.0    | 94      | 8372  | No          |
| 4  | GOM_NL__2PRFIN20031007_001946_000000412020_00302_08372_0414.N1 | 07-OCT-2003 00:19:46 | Dark       | 40.500   | 71      | lot Car   | 2.2460   | 7700.0    | 81      | 8372  | No          |
| 5  | GOM_NL__2PRFIN20031007_002059_000000522020_00303_08373_0387.N1 | 07-OCT-2003 00:20:59 | Dark       | 52.000   | 41      | Eps Car   | 1.8600   | 4100.0    | 104     | 8373  | No          |
| 6  | GOM_NL__2PRFIN20031007_002222_000000412020_00303_08373_0388.N1 | 07-OCT-2003 00:22:22 | Dark       | 41.000   | 29      | Bet Car   | 1.6720   | 10200.    | 82      | 8373  | No          |
| 7  | GOM_NL__2PRFIN20031007_002420_000000612020_00303_08373_0389.N1 | 07-OCT-2003 00:24:20 | Dark       | 61.000   | 2       | Alp Car   | -0.73600 | 7000.0    | 122     | 8373  | No          |
| 8  | GOM_NL__2PRFIN20031007_002736_000000652020_00303_08373_0390.N1 | 07-OCT-2003 00:27:36 | Dark       | 65.000   | 108     | Alp Col   | 2.6520   | 15200.    | 130     | 8373  | No          |
| 9  | GOM_NL__2PRFIN20031007_003042_000000402020_00303_08373_0391.N1 | 07-OCT-2003 00:30:42 | Dark       | 39.500   | 135     | Bet Hyi   | 2.8200   | 5800.0    | 79      | 8373  | No          |
| 10 | GOM_NL__2PRFIN20031007_003310_000000412020_00303_08373_0392.N1 | 07-OCT-2003 00:33:10 | Dark       | 41.000   | 143     | Alp Hyi   | 2.8570   | 7200.0    | 82      | 8373  | No          |
| 11 | GOM_NL__2PRFIN20031007_003438_000000472020_00303_08373_0393.N1 | 07-OCT-2003 00:34:38 | Dark       | 46.500   | 9       | Alp Eri   | 0.45300  | 24000.    | 93      | 8373  | No          |
| 12 | GOM_NL__2PRFIN20031007_003639_000000512020_00303_08373_0394.N1 | 07-OCT-2003 00:36:39 | Straylight | 51.000   | 157     | The1Eri   | 2.9060   | 9300.0    | 102     | 8373  | No          |
| 13 | GOM_NL__2PRFIN20031007_003951_000000462020_00303_08373_0395.N1 | 07-OCT-2003 00:39:51 | Straylight | 45.500   | 84      | Alp Phe   | 2.3970   | 4500.0    | 91      | 8373  | No          |
| 14 | GOM_NL__2PRFIN20031007_004424_000000472020_00303_08373_0396.N1 | 07-OCT-2003 00:44:24 | Straylight | 46.500   | 18      | 24Alp PsA | 1.1660   | 9700.0    | 93      | 8373  | No          |
| 15 | GOM_NL__2PRFIN20031007_004638_000000492020_00303_08373_0397.N1 | 07-OCT-2003 00:46:38 | Straylight | 49.000   | 52      | 16Bet Cet | 2.0370   | 4500.0    | 98      | 8373  | No          |
| 16 | GOM_NL__2PRFIN20031007_004921_000002152020_00303_08373_0398.N1 | 07-OCT-2003 00:49:21 | Bright     | 215.00   | 165     | 34Gam Eri | 2.9500   | 3200.0    | 430     | 8373  | No          |
| 17 | GOM_NL__2PRFIN20031007_005644_000000382020_00303_08373_0399.N1 | 07-OCT-2003 00:56:44 | Bright     | 37.500   | 90      | 54Alp Peg | 2.4870   | 11000.    | 75      | 8373  | No          |
| 18 | GOM_NL__2PRFIN20031007_010019_000000382020_00303_08373_0400.N1 | 07-OCT-2003 01:00:19 | Bright     | 38.000   | 93      | 53Bet Peg | 2.5200   | 3100.0    | 76      | 8373  | No          |
| 19 | GOM_NL__2PRFIN20031007_010401_000000442020_00303_08373_0401.N1 | 07-OCT-2003 01:04:01 | Bright     | 43.500   | 53      | 43Bet And | 2.0480   | 3300.0    | 87      | 8373  | No          |
| 20 | GOM_NL__2PRFIN20031007_010639_000000532020_00303_08373_0402.N1 | 07-OCT-2003 01:06:39 | Bright     | 53.000   | 173     | 4Bet Tri  | 3.0040   | 8900.0    | 106     | 8373  | No          |
| 21 | GOM_NL__2PRFIN20031007_010908_000000372020_00303_08373_0403.N1 | 07-OCT-2003 01:09:08 | Bright     | 37.000   | 68      | 18Alp Cas | 2.2250   | 4500.0    | 74      | 8373  | No          |
| 22 | GOM_NL__2PRFIN20031007_011033_000000402020_00303_08373_0404.N1 | 07-OCT-2003 01:10:33 | Bright     | 39.500   | 76      | 27Gam Cas | 2.3000   | 30000.    | 79      | 8373  | No          |
| 23 | GOM_NL__2PRFIN20031007_011345_000000502020_00303_08373_0405.N1 | 07-OCT-2003 01:13:45 | Bright     | 49.500   | 160     | 23Gam Per | 2.9300   | 4700.0    | 99      | 8373  | No          |
| 24 | GOM_NL__2PRFIN20031007_011736_000000392020_00303_08373_0406.N1 | 07-OCT-2003 01:17:36 | Bright     | 38.500   | 49      | 1Alp UMi  | 1.9900   | 6300.0    | 77      | 8373  | No          |
| 25 | GOM_NL__2PRFIN20031007_012002_000000412020_00303_08373_0407.N1 | 07-OCT-2003 01:20:02 | Bright     | 40.500   | 60      | 7Bet UMi  | 2.0810   | 3950.0    | 81      | 8373  | No          |
| 26 | GOM_NL__2PRFIN20031007_012543_000000382020_00303_08373_0408.N1 | 07-OCT-2003 01:25:43 | Bright     | 38.000   | 36      | 50Alp UMa | 1.8000   | 6300.0    | 76      | 8373  | No          |
| 27 | GOM_NL__2PRFIN20031007_012714_000000382020_00303_08373_0409.N1 | 07-OCT-2003 01:27:14 | Bright     | 37.500   | 82      | 48Bet UMa | 2.3650   | 10600.    | 75      | 8373  | No          |
| 28 | GOM_NL__2PRFIN20031007_013030_000000432020_00303_08373_0410.N1 | 07-OCT-2003 01:30:30 | Bright     | 42.500   | 174     | 52Psi UMa | 3.0040   | 4400.0    | 85      | 8373  | No          |
| 29 | GOM_NL__2PRFIN20031007_013556_000000652020_00303_08373_0411.N1 | 07-OCT-2003 01:35:56 | Bright     | 65.000   | 24      | 66Alp Gem | 1.5800   | 10200.    | 130     | 8373  | No          |
| 30 | GOM_NL__2PRFIN20031007_014202_000001502020_00303_08373_0412.N1 | 07-OCT-2003 01:42:02 | Straylight | 150.00   | 170     | 27Eps Gem | 3.0000   | 9700.0    | 300     | 8373  | No          |
| 31 | GOM_NL__2PRFIN20031007_014812_000000872020_00303_08373_0413.N1 | 07-OCT-2003 01:48:12 | Dark       | 86.500   | 8       | 10Alp CMi | 0.40000  | 6500.0    | 173     | 8373  | No          |
| 32 | GOM_NL__2PRFIN20031007_015448_000000532020_00303_08373_0414.N1 | 07-OCT-2003 01:54:48 | Dark       | 52.500   | 132     | 15Rho Pup | 2.8030   | 6900.0    | 105     | 8373  | No          |
| 33 | GOM_NL__2PRFIN20031007_015645_000000542020_00303_08373_0415.N1 | 07-OCT-2003 01:56:45 | Dark       | 54.000   | 65      | Lam Vel   | 2.2040   | 4400.0    | 108     | 8373  | No          |
| 34 | GOM_NL__2PRFIN20031007_020023_000000402020_00303_08373_0416.N1 | 07-OCT-2003 02:00:23 | Dark       | 40.000   | 71      | lot Car   | 2.2460   | 7700.0    | 80      | 8373  | No          |
| 35 | GOM_NL__2PRFIN20031007_020135_000000472020_00304_08374_0498.N1 | 07-OCT-2003 02:01:35 | Dark       | 47.000   | 41      | Eps Car   | 1.8600   | 4100.0    | 94      | 8374  | No          |
| 36 | GOM_NL__2PRFIN20031007_020258_000000402020_00304_08374_0499.N1 | 07-OCT-2003 02:02:58 | Dark       | 39.500   | 29      | Bet Car   | 1.6720   | 10200.    | 79      | 8374  | No          |
| 37 | GOM_NL__2PRFIN20031007_020457_000000502020_00304_08374_0500.N1 | 07-OCT-2003 02:04:57 | Dark       | 49.500   | 2       | Alp Car   | -0.73600 | 7000.0    | 99      | 8374  | No          |
| 38 | GOM_NL__2PRFIN20031007_020814_000000652020_00304_08374_0501.N1 | 07-OCT-2003 02:08:14 | Dark       | 64.500   | 108     | Alp Col   | 2.6520   | 15200.    | 129     | 8374  | No          |
| 39 | GOM_NL__2PRFIN20031007_021119_000000402020_00304_08374_0502.N1 | 07-OCT-2003 02:11:19 | Dark       | 39.500   | 135     | Bet Hyi   | 2.8200   | 5800.0    | 79      | 8374  | No          |
| 40 | GOM_NL__2PRFIN20031007_021347_000000422020_00304_08374_0503.N1 | 07-OCT-2003 02:13:47 | Dark       | 42.000   | 143     | Alp Hyi   | 2.8570   | 7200.0    | 84      | 8374  | No          |
| 41 | GOM_NL__2PRFIN20031007_021514_000000472020_00304_08374_0504.N1 | 07-OCT-2003 02:15:14 | Dark       | 47.000   | 9       | Alp Eri   | 0.45300  | 24000.    | 94      | 8374  | No          |
| 42 | GOM_NL__2PRFIN20031007_021716_000000492020_00304_08374_0505.N1 | 07-OCT-2003 02:17:16 | Straylight | 49.000   | 157     | The1Eri   | 2.9060   | 9300.0    | 98      | 8374  | No          |

|     |  |                      |            |        |     |           |          |        |     |      |    |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|------|----|
| 43  | GOM_NL__2PRFIN20031007_022028_000000472020_00304_08374_0506.N1 | 07-OCT-2003 02:20:28 | Straylight | 47.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 94  | 8374 | No |
| 44  | GOM_NL__2PRFIN20031007_022500_000000452020_00304_08374_0507.N1 | 07-OCT-2003 02:25:00 | Straylight | 44.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 89  | 8374 | No |
| 45  | GOM_NL__2PRFIN20031007_022714_000000502020_00304_08374_0508.N1 | 07-OCT-2003 02:27:14 | Straylight | 50.000 | 52  | 16Bet Cet | 2.0370   | 4500.0 | 100 | 8374 | No |
| 46  | GOM_NL__2PRFIN20031007_022956_000002152020_00304_08374_0509.N1 | 07-OCT-2003 02:29:56 | Bright     | 215.00 | 165 | 34Gam Eri | 2.9500   | 3200.0 | 430 | 8374 | No |
| 47  | GOM_NL__2PRFIN20031007_023720_000000362020_00304_08374_0510.N1 | 07-OCT-2003 02:37:20 | Bright     | 36.000 | 90  | 54Alp Peg | 2.4870   | 11000. | 72  | 8374 | No |
| 48  | GOM_NL__2PRFIN20031007_024055_000000402020_00304_08374_0511.N1 | 07-OCT-2003 02:40:55 | Bright     | 40.000 | 93  | 53Bet Peg | 2.5200   | 3100.0 | 80  | 8374 | No |
| 49  | GOM_NL__2PRFIN20031007_024436_000000462020_00304_08374_0512.N1 | 07-OCT-2003 02:44:36 | Bright     | 45.500 | 53  | 43Bet And | 2.0480   | 3300.0 | 91  | 8374 | No |
| 50  | GOM_NL__2PRFIN20031007_024714_000000532020_00304_08374_0513.N1 | 07-OCT-2003 02:47:14 | Bright     | 53.000 | 173 | 4Bet Tri  | 3.0040   | 8900.0 | 106 | 8374 | No |
| 51  | GOM_NL__2PRFIN20031007_024943_000000392020_00304_08374_0514.N1 | 07-OCT-2003 02:49:43 | Bright     | 38.500 | 68  | 18Alp Cas | 2.2250   | 4500.0 | 77  | 8374 | No |
| 52  | GOM_NL__2PRFIN20031007_025109_000000402020_00304_08374_0515.N1 | 07-OCT-2003 02:51:09 | Bright     | 39.500 | 76  | 27Gam Cas | 2.3000   | 30000. | 79  | 8374 | No |
| 53  | GOM_NL__2PRFIN20031007_025420_000000502020_00304_08374_0516.N1 | 07-OCT-2003 02:54:20 | Bright     | 50.000 | 160 | 23Gam Per | 2.9300   | 4700.0 | 100 | 8374 | No |
| 54  | GOM_NL__2PRFIN20031007_025810_000000392020_00304_08374_0517.N1 | 07-OCT-2003 02:58:10 | Bright     | 38.500 | 49  | 1Alp UMi  | 1.9900   | 6300.0 | 77  | 8374 | No |
| 55  | GOM_NL__2PRFIN20031007_030037_000000402020_00304_08374_0518.N1 | 07-OCT-2003 03:00:37 | Bright     | 39.500 | 60  | 7Bet UMi  | 2.0810   | 3950.0 | 79  | 8374 | No |
| 56  | GOM_NL__2PRFIN20031007_030618_000000402020_00304_08374_0519.N1 | 07-OCT-2003 03:06:18 | Bright     | 39.500 | 36  | 50Alp UMa | 1.8000   | 6300.0 | 79  | 8374 | No |
| 57  | GOM_NL__2PRFIN20031007_030750_000000372020_00304_08374_0520.N1 | 07-OCT-2003 03:07:50 | Bright     | 36.500 | 82  | 48Bet UMa | 2.3650   | 10600. | 73  | 8374 | No |
| 58  | GOM_NL__2PRFIN20031007_031105_000000372020_00304_08374_0521.N1 | 07-OCT-2003 03:11:05 | Bright     | 36.500 | 174 | 52Psi UMa | 3.0040   | 4400.0 | 73  | 8374 | No |
| 59  | GOM_NL__2PRFIN20031007_031632_000000662020_00304_08374_0522.N1 | 07-OCT-2003 03:16:32 | Bright     | 65.500 | 24  | 66Alp Gem | 1.5800   | 10200. | 131 | 8374 | No |
| 60  | GOM_NL__2PRFIN20031007_032240_000001572020_00304_08374_0523.N1 | 07-OCT-2003 03:22:40 | Straylight | 157.00 | 170 | 27Eps Gem | 3.0000   | 9700.0 | 314 | 8374 | No |
| 61  | GOM_NL__2PRFIN20031007_032849_000001012020_00304_08374_0524.N1 | 07-OCT-2003 03:28:49 | Dark       | 101.00 | 8   | 10Alp CMi | 0.40000  | 6500.0 | 202 | 8374 | No |
| 62  | GOM_NL__2PRFIN20031007_033525_000000522020_00304_08374_0525.N1 | 07-OCT-2003 03:35:25 | Dark       | 51.500 | 132 | 15Rho Pup | 2.8030   | 6900.0 | 103 | 8374 | No |
| 63  | GOM_NL__2PRFIN20031007_033721_000000472020_00304_08374_0526.N1 | 07-OCT-2003 03:37:21 | Dark       | 46.500 | 65  | Lam Vel   | 2.2040   | 4400.0 | 93  | 8374 | No |
| 64  | GOM_NL__2PRFIN20031007_034057_000000412020_00304_08374_0527.N1 | 07-OCT-2003 03:40:57 | Dark       | 41.000 | 71  | lot Car   | 2.2460   | 7700.0 | 82  | 8374 | No |
| 65  | GOM_NL__2PRFIN20031007_034209_000000532020_00305_08375_0388.N1 | 07-OCT-2003 03:42:09 | Dark       | 52.500 | 41  | Eps Car   | 1.8600   | 4100.0 | 105 | 8375 | No |
| 66  | GOM_NL__2PRFIN20031007_034532_000000552020_00305_08375_0389.N1 | 07-OCT-2003 03:45:32 | Dark       | 55.000 | 2   | Alp Car   | -0.73600 | 7000.0 | 110 | 8375 | No |
| 67  | GOM_NL__2PRFIN20031007_034850_000000662020_00305_08375_0390.N1 | 07-OCT-2003 03:48:50 | Dark       | 66.000 | 108 | Alp Col   | 2.6520   | 15200. | 132 | 8375 | No |
| 68  | GOM_NL__2PRFIN20031007_035154_000000392020_00305_08375_0391.N1 | 07-OCT-2003 03:51:54 | Dark       | 39.000 | 135 | Bet Hyi   | 2.8200   | 5800.0 | 78  | 8375 | No |
| 69  | GOM_NL__2PRFIN20031007_035422_000000422020_00305_08375_0392.N1 | 07-OCT-2003 03:54:22 | Dark       | 42.000 | 143 | Alp Hyi   | 2.8570   | 7200.0 | 84  | 8375 | No |
| 70  | GOM_NL__2PRFIN20031007_035551_000000472020_00305_08375_0393.N1 | 07-OCT-2003 03:55:51 | Dark       | 47.000 | 9   | Alp Eri   | 0.45300  | 24000. | 94  | 8375 | No |
| 71  | GOM_NL__2PRFIN20031007_035752_000000512020_00305_08375_0394.N1 | 07-OCT-2003 03:57:52 | Straylight | 51.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 102 | 8375 | No |
| 72  | GOM_NL__2PRFIN20031007_040103_000000462020_00305_08375_0395.N1 | 07-OCT-2003 04:01:03 | Straylight | 46.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 92  | 8375 | No |
| 73  | GOM_NL__2PRFIN20031007_040536_000000452020_00305_08375_0396.N1 | 07-OCT-2003 04:05:36 | Straylight | 44.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 89  | 8375 | No |
| 74  | GOM_NL__2PRFIN20031007_040749_000000492020_00305_08375_0397.N1 | 07-OCT-2003 04:07:49 | Straylight | 49.000 | 52  | 16Bet Cet | 2.0370   | 4500.0 | 98  | 8375 | No |
| 75  | GOM_NL__2PRFIN20031007_041030_000002152020_00305_08375_0398.N1 | 07-OCT-2003 04:10:30 | Bright     | 215.00 | 165 | 34Gam Eri | 2.9500   | 3200.0 | 430 | 8375 | No |
| 76  | GOM_NL__2PRFIN20031007_041753_000000412020_00305_08375_0399.N1 | 07-OCT-2003 04:17:53 | Bright     | 40.500 | 140 | 88Gam Peg | 2.8340   | 26000. | 81  | 8375 | No |
| 77  | GOM_NL__2PRFIN20031007_042130_000000412020_00305_08375_0400.N1 | 07-OCT-2003 04:21:30 | Bright     | 41.000 | 93  | 53Bet Peg | 2.5200   | 3100.0 | 82  | 8375 | No |
| 78  | GOM_NL__2PRFIN20031007_042512_000000432020_00305_08375_0401.N1 | 07-OCT-2003 04:25:12 | Bright     | 43.000 | 53  | 43Bet And | 2.0480   | 3300.0 | 86  | 8375 | No |
| 79  | GOM_NL__2PRFIN20031007_042749_000000542020_00305_08375_0402.N1 | 07-OCT-2003 04:27:49 | Bright     | 53.500 | 173 | 4Bet Tri  | 3.0040   | 8900.0 | 107 | 8375 | No |
| 80  | GOM_NL__2PRFIN20031007_043018_000000422020_00305_08375_0403.N1 | 07-OCT-2003 04:30:18 | Bright     | 41.500 | 68  | 18Alp Cas | 2.2250   | 4500.0 | 83  | 8375 | No |
| 81  | GOM_NL__2PRFIN20031007_043144_000000412020_00305_08375_0404.N1 | 07-OCT-2003 04:31:44 | Bright     | 40.500 | 76  | 27Gam Cas | 2.3000   | 30000. | 81  | 8375 | No |
| 82  | GOM_NL__2PRFIN20031007_043454_000000512020_00305_08375_0405.N1 | 07-OCT-2003 04:34:54 | Bright     | 51.000 | 160 | 23Gam Per | 2.9300   | 4700.0 | 102 | 8375 | No |
| 83  | GOM_NL__2PRFIN20031007_043848_000000382020_00305_08375_0406.N1 | 07-OCT-2003 04:38:48 | Bright     | 38.000 | 49  | 1Alp UMi  | 1.9900   | 6300.0 | 76  | 8375 | No |
| 84  | GOM_NL__2PRFIN20031007_044115_000000412020_00305_08375_0407.N1 | 07-OCT-2003 04:41:15 | Bright     | 41.000 | 60  | 7Bet UMi  | 2.0810   | 3950.0 | 82  | 8375 | No |
| 85  | GOM_NL__2PRFIN20031007_044654_000000392020_00305_08375_0408.N1 | 07-OCT-2003 04:46:54 | Bright     | 39.000 | 36  | 50Alp UMa | 1.8000   | 6300.0 | 78  | 8375 | No |
| 86  | GOM_NL__2PRFIN20031007_044826_000000362020_00305_08375_0409.N1 | 07-OCT-2003 04:48:26 | Bright     | 36.000 | 82  | 48Bet UMa | 2.3650   | 10600. | 72  | 8375 | No |
| 87  | GOM_NL__2PRFIN20031007_045143_000000352020_00305_08375_0410.N1 | 07-OCT-2003 04:51:43 | Bright     | 35.000 | 174 | 52Psi UMa | 3.0040   | 4400.0 | 70  | 8375 | No |
| 88  | GOM_NL__2PRFIN20031007_045708_000000692020_00305_08375_0411.N1 | 07-OCT-2003 04:57:08 | Bright     | 68.500 | 24  | 66Alp Gem | 1.5800   | 10200. | 137 | 8375 | No |
| 89  | GOM_NL__2PRFIN20031007_050132_000000362020_00305_08375_0412.N1 | 07-OCT-2003 05:01:32 | Bright     | 35.500 | 22  | 32Alp Leo | 1.3600   | 15200. | 71  | 8375 | No |
| 90  | GOM_NL__2PRFIN20031007_050317_000001582020_00305_08375_0413.N1 | 07-OCT-2003 05:03:17 | Straylight | 157.50 | 170 | 27Eps Gem | 3.0000   | 9700.0 | 315 | 8375 | No |
| 91  | GOM_NL__2PRFIN20031007_050927_000000842020_00305_08375_0414.N1 | 07-OCT-2003 05:09:27 | Dark       | 84.000 | 8   | 10Alp CMi | 0.40000  | 6500.0 | 168 | 8375 | No |
| 92  | GOM_NL__2PRFIN20031007_051602_000000502020_00305_08375_0415.N1 | 07-OCT-2003 05:16:02 | Dark       | 50.000 | 132 | 15Rho Pup | 2.8030   | 6900.0 | 100 | 8375 | No |
| 93  | GOM_NL__2PRFIN20031007_051757_000000452020_00305_08375_0416.N1 | 07-OCT-2003 05:17:57 | Dark       | 45.000 | 65  | Lam Vel   | 2.2040   | 4400.0 | 90  | 8375 | No |
| 94  | GOM_NL__2PRFIN20031007_052216_000000912020_00306_08376_0417.N1 | 07-OCT-2003 05:22:16 | Dark       | 90.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 181 | 8376 | No |
| 95  | GOM_NL__2PRFIN20031007_052608_000000612020_00306_08376_0389.N1 | 07-OCT-2003 05:26:08 | Dark       | 61.000 | 2   | Alp Car   | -0.73600 | 7000.0 | 122 | 8376 | No |
| 96  | GOM_NL__2PRFIN20031007_052928_000000672020_00306_08376_0390.N1 | 07-OCT-2003 05:29:28 | Dark       | 66.500 | 108 | Alp Col   | 2.6520   | 15200. | 133 | 8376 | No |
| 97  | GOM_NL__2PRFIN20031007_053230_000000402020_00306_08376_0391.N1 | 07-OCT-2003 05:32:30 | Dark       | 40.000 | 135 | Bet Hyi   | 2.8200   | 5800.0 | 80  | 8376 | No |
| 98  | GOM_NL__2PRFIN20031007_053459_000000402020_00306_08376_0392.N1 | 07-OCT-2003 05:34:59 | Dark       | 40.000 | 143 | Alp Hyi   | 2.8570   | 7200.0 | 80  | 8376 | No |
| 99  | GOM_NL__2PRFIN20031007_053627_000000472020_00306_08376_0393.N1 | 07-OCT-2003 05:36:27 | Dark       | 46.500 | 9   | Alp Eri   | 0.45300  | 24000. | 93  | 8376 | No |
| 100 | GOM_NL__2PRFIN20031007_053829_000000522020_00306_08376_0394.N1 | 07-OCT-2003 05:38:29 | Straylight | 52.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 104 | 8376 | No |
| 101 | GOM_NL__2PRFIN20031007_054139_000000442020_00306_08376_0395.N1 | 07-OCT-2003 05:41:39 | Straylight | 43.500 | 84  | Alp Phe   | 2.3970   | 4500.0 | 87  | 8376 | No |

|     |  |                      |            |        |     |           |          |        |     |      |    |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|------|----|
| 102 | GOM_NL__2PRFIN20031007_054612_000000432020_00306_08376_0396.N1 | 07-OCT-2003 05:46:12 | Straylight | 42.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 85  | 8376 | No |
| 103 | GOM_NL__2PRFIN20031007_054825_000000482020_00306_08376_0397.N1 | 07-OCT-2003 05:48:25 | Straylight | 48.000 | 52  | 16Bet Cet | 2.0370   | 4500.0 | 96  | 8376 | No |
| 104 | GOM_NL__2PRFIN20031007_055105_000002152020_00306_08376_9272.N1 | 07-OCT-2003 05:51:05 | Bright     | 215.00 | 165 | 34Gam Eri | 2.9500   | 3200.0 | 430 | 8376 | No |
| 105 | GOM_NL__2PRFIN20031007_055829_000000402020_00306_08376_9273.N1 | 07-OCT-2003 05:58:29 | Bright     | 39.500 | 140 | 88Gam Peg | 2.8340   | 26000. | 79  | 8376 | No |
| 106 | GOM_NL__2PRFIN20031007_060206_000000422020_00306_08376_9274.N1 | 07-OCT-2003 06:02:06 | Bright     | 41.500 | 93  | 53Bet Peg | 2.5200   | 3100.0 | 83  | 8376 | No |
| 107 | GOM_NL__2PRFIN20031007_060547_000000462020_00306_08376_9275.N1 | 07-OCT-2003 06:05:47 | Bright     | 45.500 | 53  | 43Bet And | 2.0480   | 3300.0 | 91  | 8376 | No |
| 108 | GOM_NL__2PRFIN20031007_060824_000000542020_00306_08376_9276.N1 | 07-OCT-2003 06:08:24 | Bright     | 54.000 | 173 | 4Bet Tri  | 3.0040   | 8900.0 | 108 | 8376 | No |
| 109 | GOM_NL__2PRFIN20031007_061054_000000432020_00306_08376_9277.N1 | 07-OCT-2003 06:10:54 | Bright     | 42.500 | 68  | 18Alp Cas | 2.2250   | 4500.0 | 85  | 8376 | No |
| 110 | GOM_NL__2PRFIN20031007_061220_000000402020_00306_08376_9278.N1 | 07-OCT-2003 06:12:20 | Bright     | 40.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 80  | 8376 | No |
| 111 | GOM_NL__2PRFIN20031007_061529_000000512020_00306_08376_9279.N1 | 07-OCT-2003 06:15:29 | Bright     | 50.500 | 160 | 23Gam Per | 2.9300   | 4700.0 | 101 | 8376 | No |
| 112 | GOM_NL__2PRFIN20031007_061924_000000392020_00306_08376_9280.N1 | 07-OCT-2003 06:19:24 | Bright     | 38.500 | 49  | 1Alp UMi  | 1.9900   | 6300.0 | 77  | 8376 | No |
| 113 | GOM_NL__2PRFIN20031007_062151_000000392020_00306_08376_9281.N1 | 07-OCT-2003 06:21:51 | Bright     | 38.500 | 60  | 7Bet UMi  | 2.0810   | 3950.0 | 77  | 8376 | No |
| 114 | GOM_NL__2PRFIN20031007_062730_000000382020_00306_08376_9282.N1 | 07-OCT-2003 06:27:30 | Bright     | 37.500 | 36  | 50Alp UMa | 1.8000   | 6300.0 | 75  | 8376 | No |
| 115 | GOM_NL__2PRFIN20031007_062902_000000382020_00306_08376_9283.N1 | 07-OCT-2003 06:29:02 | Bright     | 38.000 | 82  | 48Bet UMa | 2.3650   | 10600. | 76  | 8376 | No |
| 116 | GOM_NL__2PRFIN20031007_063219_000000362020_00306_08376_9284.N1 | 07-OCT-2003 06:32:19 | Bright     | 36.000 | 174 | 52Psi UMa | 3.0040   | 4400.0 | 72  | 8376 | No |
| 117 | GOM_NL__2PRFIN20031007_063744_000000662020_00306_08376_9285.N1 | 07-OCT-2003 06:37:44 | Bright     | 65.500 | 24  | 66Alp Gem | 1.5800   | 10200. | 131 | 8376 | No |
| 118 | GOM_NL__2PRFIN20031007_064209_000000352020_00306_08376_9286.N1 | 07-OCT-2003 06:42:09 | Bright     | 35.000 | 22  | 32Alp Leo | 1.3600   | 15200. | 70  | 8376 | No |
| 119 | GOM_NL__2PRFIN20031007_064355_000001672020_00306_08376_9287.N1 | 07-OCT-2003 06:43:55 | Straylight | 167.00 | 170 | 27Eps Gem | 3.0000   | 9700.0 | 334 | 8376 | No |
| 120 | GOM_NL__2PRFIN20031007_065004_000000922020_00306_08376_9288.N1 | 07-OCT-2003 06:50:04 | Dark       | 92.000 | 8   | 10Alp CMi | 0.40000  | 6500.0 | 184 | 8376 | No |
| 121 | GOM_NL__2PRFIN20031007_065639_000000502020_00306_08376_9289.N1 | 07-OCT-2003 06:56:39 | Dark       | 50.000 | 132 | 15Rho Pup | 2.8030   | 6900.0 | 100 | 8376 | No |
| 122 | GOM_NL__2PRFIN20031007_065834_000000482020_00306_08376_9290.N1 | 07-OCT-2003 06:58:34 | Dark       | 48.000 | 65  | Lam Vel   | 2.2040   | 4400.0 | 96  | 8376 | No |
| 123 | GOM_NL__2PRFIN20031007_070254_000001082020_00307_08377_9291.N1 | 07-OCT-2003 07:02:54 | Dark       | 107.50 | 1   | 9Alp CMa  | -1.4400  | 11000. | 215 | 8377 | No |
| 124 | GOM_NL__2PRFIN20031007_070647_000000612020_00307_08377_0281.N1 | 07-OCT-2003 07:06:47 | Dark       | 61.000 | 2   | Alp Car   | -0.73600 | 7000.0 | 122 | 8377 | No |
| 125 | GOM_NL__2PRFIN20031007_071006_000000672020_00307_08377_0282.N1 | 07-OCT-2003 07:10:06 | Dark       | 66.500 | 108 | Alp Col   | 2.6520   | 15200. | 133 | 8377 | No |
| 126 | GOM_NL__2PRFIN20031007_071306_000000402020_00307_08377_0283.N1 | 07-OCT-2003 07:13:06 | Dark       | 39.500 | 135 | Bet Hyi   | 2.8200   | 5800.0 | 79  | 8377 | No |
| 127 | GOM_NL__2PRFIN20031007_071535_000000432020_00307_08377_0284.N1 | 07-OCT-2003 07:15:35 | Dark       | 43.000 | 143 | Alp Hyi   | 2.8570   | 7200.0 | 86  | 8377 | No |
| 128 | GOM_NL__2PRFIN20031007_071703_000000512020_00307_08377_0285.N1 | 07-OCT-2003 07:17:03 | Dark       | 51.000 | 9   | Alp Eri   | 0.45300  | 24000. | 102 | 8377 | No |
| 129 | GOM_NL__2PRFIN20031007_071905_000000512020_00307_08377_0286.N1 | 07-OCT-2003 07:19:05 | Straylight | 51.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 102 | 8377 | No |
| 130 | GOM_NL__2PRFIN20031007_072215_000000462020_00307_08377_0287.N1 | 07-OCT-2003 07:22:15 | Straylight | 45.500 | 84  | Alp Phe   | 2.3970   | 4500.0 | 91  | 8377 | No |
| 131 | GOM_NL__2PRFIN20031007_072648_000000472020_00307_08377_0288.N1 | 07-OCT-2003 07:26:48 | Straylight | 46.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 93  | 8377 | No |
| 132 | GOM_NL__2PRFIN20031007_072901_000000492020_00307_08377_0289.N1 | 07-OCT-2003 07:29:01 | Straylight | 48.500 | 52  | 16Bet Cet | 2.0370   | 4500.0 | 97  | 8377 | No |
| 133 | GOM_NL__2PRFIN20031007_073140_000002152020_00307_08377_0290.N1 | 07-OCT-2003 07:31:40 | Bright     | 215.00 | 165 | 34Gam Eri | 2.9500   | 3200.0 | 430 | 8377 | No |
| 134 | GOM_NL__2PRFIN20031007_073904_000000412020_00307_08377_0291.N1 | 07-OCT-2003 07:39:04 | Bright     | 41.000 | 140 | 88Gam Peg | 2.8340   | 26000. | 82  | 8377 | No |
| 135 | GOM_NL__2PRFIN20031007_074242_000000382020_00307_08377_0292.N1 | 07-OCT-2003 07:42:42 | Bright     | 37.500 | 93  | 53Bet Peg | 2.5200   | 3100.0 | 75  | 8377 | No |
| 136 | GOM_NL__2PRFIN20031007_074623_000000452020_00307_08377_0293.N1 | 07-OCT-2003 07:46:23 | Bright     | 45.000 | 53  | 43Bet And | 2.0480   | 3300.0 | 90  | 8377 | No |
| 137 | GOM_NL__2PRFIN20031007_074859_000000532020_00307_08377_0294.N1 | 07-OCT-2003 07:48:59 | Bright     | 53.000 | 173 | 4Bet Tri  | 3.0040   | 8900.0 | 106 | 8377 | No |
| 138 | GOM_NL__2PRFIN20031007_075130_000000412020_00307_08377_0295.N1 | 07-OCT-2003 07:51:30 | Bright     | 40.500 | 68  | 18Alp Cas | 2.2250   | 4500.0 | 81  | 8377 | No |
| 139 | GOM_NL__2PRFIN20031007_075255_000000392020_00307_08377_0296.N1 | 07-OCT-2003 07:52:55 | Bright     | 39.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 78  | 8377 | No |
| 140 | GOM_NL__2PRFIN20031007_075605_000000512020_00307_08377_0297.N1 | 07-OCT-2003 07:56:05 | Bright     | 51.000 | 160 | 23Gam Per | 2.9300   | 4700.0 | 102 | 8377 | No |
| 141 | GOM_NL__2PRFIN20031007_080000_000000352020_00307_08377_0298.N1 | 07-OCT-2003 08:00:00 | Bright     | 34.500 | 49  | 1Alp UMi  | 1.9900   | 6300.0 | 69  | 8377 | No |
| 142 | GOM_NL__2PRFIN20031007_080227_000000372020_00307_08377_0299.N1 | 07-OCT-2003 08:02:27 | Bright     | 36.500 | 60  | 7Bet UMi  | 2.0810   | 3950.0 | 73  | 8377 | No |
| 143 | GOM_NL__2PRFIN20031007_080806_000000392020_00307_08377_0300.N1 | 07-OCT-2003 08:08:06 | Bright     | 38.500 | 36  | 50Alp UMa | 1.8000   | 6300.0 | 77  | 8377 | No |
| 144 | GOM_NL__2PRFIN20031007_080938_000000382020_00307_08377_0301.N1 | 07-OCT-2003 08:09:38 | Bright     | 37.500 | 82  | 48Bet UMa | 2.3650   | 10600. | 75  | 8377 | No |
| 145 | GOM_NL__2PRFIN20031007_081255_000000372020_00307_08377_0302.N1 | 07-OCT-2003 08:12:55 | Bright     | 37.000 | 174 | 52Psi UMa | 3.0040   | 4400.0 | 74  | 8377 | No |
| 146 | GOM_NL__2PRFIN20031007_081821_000000662020_00307_08377_0303.N1 | 07-OCT-2003 08:18:21 | Bright     | 66.000 | 24  | 66Alp Gem | 1.5800   | 10200. | 132 | 8377 | No |
| 147 | GOM_NL__2PRFIN20031007_082245_000000382020_00307_08377_0304.N1 | 07-OCT-2003 08:22:45 | Bright     | 37.500 | 22  | 32Alp Leo | 1.3600   | 15200. | 75  | 8377 | No |
| 148 | GOM_NL__2PRFIN20031007_082433_000001712020_00307_08377_0305.N1 | 07-OCT-2003 08:24:33 | Straylight | 171.00 | 170 | 27Eps Gem | 3.0000   | 9700.0 | 342 | 8377 | No |
| 149 | GOM_NL__2PRFIN20031007_083042_000000852020_00307_08377_0306.N1 | 07-OCT-2003 08:30:42 | Dark       | 84.500 | 8   | 10Alp CMi | 0.40000  | 6500.0 | 169 | 8377 | No |
| 150 | GOM_NL__2PRFIN20031007_083716_000000552020_00307_08377_0307.N1 | 07-OCT-2003 08:37:16 | Dark       | 55.000 | 132 | 15Rho Pup | 2.8030   | 6900.0 | 110 | 8377 | No |
| 151 | GOM_NL__2PRFIN20031007_083910_000000452020_00307_08377_0308.N1 | 07-OCT-2003 08:39:10 | Dark       | 44.500 | 65  | Lam Vel   | 2.2040   | 4400.0 | 89  | 8377 | No |
| 152 | GOM_NL__2PRFIN20031007_084333_000001002020_00308_08378_0281.N1 | 07-OCT-2003 08:43:33 | Dark       | 100.00 | 1   | 9Alp CMa  | -1.4400  | 11000. | 200 | 8378 | No |
| 153 | GOM_NL__2PRFIN20031007_084724_000000612020_00308_08378_0282.N1 | 07-OCT-2003 08:47:24 | Dark       | 61.000 | 2   | Alp Car   | -0.73600 | 7000.0 | 122 | 8378 | No |
| 154 | GOM_NL__2PRFIN20031007_085044_000000662020_00308_08378_0283.N1 | 07-OCT-2003 08:50:44 | Dark       | 65.500 | 108 | Alp Col   | 2.6520   | 15200. | 131 | 8378 | No |
| 155 | GOM_NL__2PRFIN20031007_085343_000000392020_00308_08378_0284.N1 | 07-OCT-2003 08:53:43 | Dark       | 38.500 | 135 | Bet Hyi   | 2.8200   | 5800.0 | 77  | 8378 | No |
| 156 | GOM_NL__2PRFIN20031007_085612_000000402020_00308_08378_0285.N1 | 07-OCT-2003 08:56:12 | Dark       | 39.500 | 143 | Alp Hyi   | 2.8570   | 7200.0 | 79  | 8378 | No |
| 157 | GOM_NL__2PRFIN20031007_085739_000000542020_00308_08378_0286.N1 | 07-OCT-2003 08:57:39 | Dark       | 54.000 | 9   | Alp Eri   | 0.45300  | 24000. | 108 | 8378 | No |
| 158 | GOM_NL__2PRFIN20031007_085942_000000522020_00308_08378_0287.N1 | 07-OCT-2003 08:59:42 | Straylight | 52.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 104 | 8378 | No |
| 159 | GOM_NL__2PRFIN20031007_090252_000000462020_00308_08378_0288.N1 | 07-OCT-2003 09:02:52 | Straylight | 46.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 92  | 8378 | No |
| 160 | GOM_NL__2PRFIN20031007_090724_000000462020_00308_08378_0289.N1 | 07-OCT-2003 09:07:24 | Straylight | 45.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 91  | 8378 | No |



|     |  |                      |            |        |     |           |         |        |     |      |    |
|-----|--|----------------------|------------|--------|-----|-----------|---------|--------|-----|------|----|
| 161 | GOM_NL__2PRFIN20031007_090938_000000462020_00308_08378_0290.N1 | 07-OCT-2003 09:09:38 | Straylight | 45.500 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 91  | 8378 | No |
| 162 | GOM_NL__2PRFIN20031007_091215_000002152020_00308_08378_0291.N1 | 07-OCT-2003 09:12:15 | Bright     | 215.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 430 | 8378 | No |
| 163 | GOM_NL__2PRFIN20031007_091941_000000392020_00308_08378_0292.N1 | 07-OCT-2003 09:19:41 | Bright     | 39.000 | 140 | 88Gam Peg | 2.8340  | 26000. | 78  | 8378 | No |
| 164 | GOM_NL__2PRFIN20031007_092319_000000402020_00308_08378_0293.N1 | 07-OCT-2003 09:23:19 | Bright     | 40.000 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 80  | 8378 | No |
| 165 | GOM_NL__2PRFIN20031007_092658_000000432020_00308_08378_0294.N1 | 07-OCT-2003 09:26:58 | Bright     | 43.000 | 53  | 43Bet And | 2.0480  | 3300.0 | 86  | 8378 | No |
| 166 | GOM_NL__2PRFIN20031007_092934_000000552020_00308_08378_0295.N1 | 07-OCT-2003 09:29:34 | Bright     | 54.500 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 109 | 8378 | No |
| 167 | GOM_NL__2PRFIN20031007_093206_000000392020_00308_08378_0296.N1 | 07-OCT-2003 09:32:06 | Bright     | 39.000 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 78  | 8378 | No |
| 168 | GOM_NL__2PRFIN20031007_093331_000000402020_00308_08378_0297.N1 | 07-OCT-2003 09:33:31 | Bright     | 40.000 | 76  | 27Gam Cas | 2.3000  | 30000. | 80  | 8378 | No |
| 169 | GOM_NL__2PRFIN20031007_093640_000000502020_00308_08378_0298.N1 | 07-OCT-2003 09:36:40 | Bright     | 50.000 | 160 | 23Gam Per | 2.9300  | 4700.0 | 100 | 8378 | No |
| 170 | GOM_NL__2PRFIN20031007_094036_000000382020_00308_08378_0299.N1 | 07-OCT-2003 09:40:36 | Bright     | 38.000 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 76  | 8378 | No |
| 171 | GOM_NL__2PRFIN20031007_094304_000000382020_00308_08378_0300.N1 | 07-OCT-2003 09:43:04 | Bright     | 38.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 76  | 8378 | No |
| 172 | GOM_NL__2PRFIN20031007_094843_000000382020_00308_08378_0301.N1 | 07-OCT-2003 09:48:43 | Bright     | 38.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 76  | 8378 | No |
| 173 | GOM_NL__2PRFIN20031007_095014_000000382020_00308_08378_0302.N1 | 07-OCT-2003 09:50:14 | Bright     | 37.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 75  | 8378 | No |
| 174 | GOM_NL__2PRFIN20031007_095331_000000342020_00308_08378_0303.N1 | 07-OCT-2003 09:53:31 | Bright     | 34.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 68  | 8378 | No |
| 175 | GOM_NL__2PRFIN20031007_095857_000000662020_00308_08378_0304.N1 | 07-OCT-2003 09:58:57 | Bright     | 66.000 | 24  | 66Alp Gem | 1.5800  | 10200. | 132 | 8378 | No |
| 176 | GOM_NL__2PRFIN20031007_100322_000000362020_00308_08378_0305.N1 | 07-OCT-2003 10:03:22 | Bright     | 36.000 | 22  | 32Alp Leo | 1.3600  | 15200. | 72  | 8378 | No |
| 177 | GOM_NL__2PRFIN20031007_100510_000001632020_00308_08378_0306.N1 | 07-OCT-2003 10:05:10 | Straylight | 163.00 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 326 | 8378 | No |
| 178 | GOM_NL__2PRFIN20031007_101119_000000902020_00308_08378_0307.N1 | 07-OCT-2003 10:11:19 | Dark       | 89.500 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 179 | 8378 | No |
| 179 | GOM_NL__2PRFIN20031007_101753_000000522020_00308_08378_0308.N1 | 07-OCT-2003 10:17:53 | Dark       | 51.500 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 103 | 8378 | No |
| 180 | GOM_NL__2PRFIN20031007_101947_000000542020_00308_08378_0309.N1 | 07-OCT-2003 10:19:47 | Dark       | 54.000 | 65  | Lam Vel   | 2.2040  | 4400.0 | 108 | 8378 | No |
| 181 | GOM_NL__2PRFIN20031007_102411_000000882020_00309_08379_0281.N1 | 07-OCT-2003 10:24:11 | Dark       | 87.500 | 1   | 9Alp CMa  | -1.4400 | 11000. | 175 | 8379 | No |
| 182 | GOM_NL__2PRFIN20031007_120635_000000402020_00310_08380_9275.N1 | 07-OCT-2003 12:06:35 | Dark       | 40.000 | 29  | Bet Car   | 1.6720  | 10200. | 80  | 8380 | No |
| 183 | GOM_NL__2PRFIN20031007_121158_000000662020_00310_08380_9276.N1 | 07-OCT-2003 12:11:58 | Dark       | 66.000 | 108 | Alp Col   | 2.6520  | 15200. | 132 | 8380 | No |
| 184 | GOM_NL__2PRFIN20031007_121455_000000382020_00310_08380_9277.N1 | 07-OCT-2003 12:14:55 | Dark       | 37.500 | 135 | Bet Hyi   | 2.8200  | 5800.0 | 75  | 8380 | No |
| 185 | GOM_NL__2PRFIN20031007_121725_000000402020_00310_08380_9278.N1 | 07-OCT-2003 12:17:25 | Dark       | 40.000 | 143 | Alp Hyi   | 2.8570  | 7200.0 | 80  | 8380 | No |
| 186 | GOM_NL__2PRFIN20031007_121852_000000462020_00310_08380_9279.N1 | 07-OCT-2003 12:18:52 | Dark       | 46.000 | 9   | Alp Eri   | 0.45300 | 24000. | 92  | 8380 | No |
| 187 | GOM_NL__2PRFIN20031007_122055_000000492020_00310_08380_9280.N1 | 07-OCT-2003 12:20:55 | Straylight | 49.000 | 157 | The1Eri   | 2.9060  | 9300.0 | 98  | 8380 | No |
| 188 | GOM_NL__2PRFIN20031007_122405_000000462020_00310_08380_9281.N1 | 07-OCT-2003 12:24:05 | Straylight | 46.000 | 84  | Alp Phe   | 2.3970  | 4500.0 | 92  | 8380 | No |
| 189 | GOM_NL__2PRFIN20031007_122837_000000452020_00310_08380_9282.N1 | 07-OCT-2003 12:28:37 | Straylight | 45.000 | 18  | 24Alp PsA | 1.1660  | 9700.0 | 90  | 8380 | No |
| 190 | GOM_NL__2PRFIN20031007_123050_000000512020_00310_08380_9283.N1 | 07-OCT-2003 12:30:50 | Straylight | 50.500 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 101 | 8380 | No |
| 191 | GOM_NL__2PRFIN20031007_123325_000002142020_00310_08380_9284.N1 | 07-OCT-2003 12:33:25 | Bright     | 214.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 428 | 8380 | No |
| 192 | GOM_NL__2PRFIN20031007_124052_000000392020_00310_08380_9285.N1 | 07-OCT-2003 12:40:52 | Bright     | 39.000 | 140 | 88Gam Peg | 2.8340  | 26000. | 78  | 8380 | No |
| 193 | GOM_NL__2PRFIN20031007_124431_000000392020_00310_08380_9286.N1 | 07-OCT-2003 12:44:31 | Bright     | 38.500 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 77  | 8380 | No |
| 194 | GOM_NL__2PRFIN20031007_124809_000000452020_00310_08380_9287.N1 | 07-OCT-2003 12:48:09 | Bright     | 45.000 | 53  | 43Bet And | 2.0480  | 3300.0 | 90  | 8380 | No |
| 195 | GOM_NL__2PRFIN20031007_125044_000000522020_00310_08380_9288.N1 | 07-OCT-2003 12:50:44 | Bright     | 51.500 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 103 | 8380 | No |
| 196 | GOM_NL__2PRFIN20031007_125317_000000412020_00310_08380_9289.N1 | 07-OCT-2003 12:53:17 | Bright     | 41.000 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 82  | 8380 | No |
| 197 | GOM_NL__2PRFIN20031007_125442_000000412020_00310_08380_9290.N1 | 07-OCT-2003 12:54:42 | Bright     | 40.500 | 76  | 27Gam Cas | 2.3000  | 30000. | 81  | 8380 | No |
| 198 | GOM_NL__2PRFIN20031007_125750_000000512020_00310_08380_9291.N1 | 07-OCT-2003 12:57:50 | Bright     | 50.500 | 160 | 23Gam Per | 2.9300  | 4700.0 | 101 | 8380 | No |
| 199 | GOM_NL__2PRFIN20031007_130148_000000392020_00310_08380_9292.N1 | 07-OCT-2003 13:01:48 | Bright     | 38.500 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 77  | 8380 | No |
| 200 | GOM_NL__2PRFIN20031007_130416_000000382020_00310_08380_9293.N1 | 07-OCT-2003 13:04:16 | Bright     | 38.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 76  | 8380 | No |
| 201 | GOM_NL__2PRFIN20031007_130954_000000392020_00310_08380_9294.N1 | 07-OCT-2003 13:09:54 | Bright     | 39.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 78  | 8380 | No |
| 202 | GOM_NL__2PRFIN20031007_131126_000000362020_00310_08380_9295.N1 | 07-OCT-2003 13:11:26 | Bright     | 36.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 72  | 8380 | No |
| 203 | GOM_NL__2PRFIN20031007_131443_000000352020_00310_08380_9296.N1 | 07-OCT-2003 13:14:43 | Bright     | 34.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 69  | 8380 | No |
| 204 | GOM_NL__2PRFIN20031007_132009_000000652020_00310_08380_9297.N1 | 07-OCT-2003 13:20:09 | Bright     | 64.500 | 24  | 66Alp Gem | 1.5800  | 10200. | 129 | 8380 | No |
| 205 | GOM_NL__2PRFIN20031007_132434_000000392020_00310_08380_9298.N1 | 07-OCT-2003 13:24:34 | Bright     | 39.000 | 22  | 32Alp Leo | 1.3600  | 15200. | 78  | 8380 | No |
| 206 | GOM_NL__2PRFIN20031007_132625_000001562020_00310_08380_9299.N1 | 07-OCT-2003 13:26:25 | Straylight | 156.00 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 312 | 8380 | No |
| 207 | GOM_NL__2PRFIN20031007_133234_000001062020_00310_08380_9300.N1 | 07-OCT-2003 13:32:34 | Dark       | 106.00 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 212 | 8380 | No |
| 208 | GOM_NL__2PRFIN20031007_133906_000000522020_00310_08380_9301.N1 | 07-OCT-2003 13:39:06 | Dark       | 52.000 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 104 | 8380 | No |
| 209 | GOM_NL__2PRFIN20031007_134100_000000472020_00310_08380_9302.N1 | 07-OCT-2003 13:41:00 | Dark       | 46.500 | 65  | Lam Vel   | 2.2040  | 4400.0 | 93  | 8380 | No |
| 210 | GOM_NL__2PRFIN20031007_134240_000000452020_00310_08380_9303.N1 | 07-OCT-2003 13:42:40 | Dark       | 45.000 | 70  | Zet Pup   | 2.2460  | 39000. | 90  | 8380 | No |
| 211 | GOM_NL__2PRFIN20031007_134414_000000422020_00310_08380_9304.N1 | 07-OCT-2003 13:44:14 | Dark       | 42.000 | 46  | Del Vel   | 1.9540  | 10600. | 84  | 8380 | No |
| 212 | GOM_NL__2PRFIN20031007_134550_000000492020_00311_08381_0282.N1 | 07-OCT-2003 13:45:50 | Dark       | 48.500 | 41  | Eps Car   | 1.8600  | 4100.0 | 97  | 8381 | No |
| 213 | GOM_NL__2PRFIN20031007_134712_000000382020_00311_08381_0283.N1 | 07-OCT-2003 13:47:12 | Dark       | 38.000 | 29  | Bet Car   | 1.6720  | 10200. | 76  | 8381 | No |
| 214 | GOM_NL__2PRFIN20031007_135236_000000652020_00311_08381_0284.N1 | 07-OCT-2003 13:52:36 | Dark       | 64.500 | 108 | Alp Col   | 2.6520  | 15200. | 129 | 8381 | No |
| 215 | GOM_NL__2PRFIN20031007_135531_000000402020_00311_08381_0285.N1 | 07-OCT-2003 13:55:31 | Dark       | 40.000 | 135 | Bet Hyi   | 2.8200  | 5800.0 | 80  | 8381 | No |
| 216 | GOM_NL__2PRFIN20031007_135802_000000402020_00311_08381_0286.N1 | 07-OCT-2003 13:58:02 | Dark       | 39.500 | 143 | Alp Hyi   | 2.8570  | 7200.0 | 79  | 8381 | No |
| 217 | GOM_NL__2PRFIN20031007_135929_000000442020_00311_08381_0287.N1 | 07-OCT-2003 13:59:29 | Dark       | 44.000 | 9   | Alp Eri   | 0.45300 | 24000. | 88  | 8381 | No |
| 218 | GOM_NL__2PRFIN20031007_140132_000000482020_00311_08381_0288.N1 | 07-OCT-2003 14:01:32 | Straylight | 48.000 | 157 | The1Eri   | 2.9060  | 9300.0 | 96  | 8381 | No |
| 219 | GOM_NL__2PRFIN20031007_140442_000000452020_00311_08381_0289.N1 | 07-OCT-2003 14:04:42 | Straylight | 45.000 | 84  | Alp Phe   | 2.3970  | 4500.0 | 90  | 8381 | No |

|     |  |                      |            |        |     |           |         |        |     |      |    |
|-----|--|----------------------|------------|--------|-----|-----------|---------|--------|-----|------|----|
| 220 | GOM_NL__2PRFIN20031007_140913_000000392020_00311_08381_0290.N1 | 07-OCT-2003 14:09:13 | Straylight | 38.500 | 18  | 24Alp PsA | 1.1660  | 9700.0 | 77  | 8381 | No |
| 221 | GOM_NL__2PRFIN20031007_141127_000000512020_00311_08381_0291.N1 | 07-OCT-2003 14:11:27 | Straylight | 51.000 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 102 | 8381 | No |
| 222 | GOM_NL__2PRFIN20031007_141400_000002142020_00311_08381_0292.N1 | 07-OCT-2003 14:14:00 | Bright     | 214.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 428 | 8381 | No |
| 223 | GOM_NL__2PRFIN20031007_142129_000000392020_00311_08381_0293.N1 | 07-OCT-2003 14:21:29 | Bright     | 38.500 | 140 | 88Gam Peg | 2.8340  | 26000. | 77  | 8381 | No |
| 224 | GOM_NL__2PRFIN20031007_142508_000000382020_00311_08381_0294.N1 | 07-OCT-2003 14:25:08 | Bright     | 37.500 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 75  | 8381 | No |
| 225 | GOM_NL__2PRFIN20031007_142844_000000492020_00311_08381_0295.N1 | 07-OCT-2003 14:28:44 | Bright     | 48.500 | 53  | 43Bet And | 2.0480  | 3300.0 | 97  | 8381 | No |
| 226 | GOM_NL__2PRFIN20031007_143118_000000512020_00311_08381_0296.N1 | 07-OCT-2003 14:31:18 | Bright     | 51.000 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 102 | 8381 | No |
| 227 | GOM_NL__2PRFIN20031007_143352_000000422020_00311_08381_0297.N1 | 07-OCT-2003 14:33:52 | Bright     | 41.500 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 83  | 8381 | No |
| 228 | GOM_NL__2PRFIN20031007_143517_000000412020_00311_08381_0298.N1 | 07-OCT-2003 14:35:17 | Bright     | 40.500 | 76  | 27Gam Cas | 2.3000  | 30000. | 81  | 8381 | No |
| 229 | GOM_NL__2PRFIN20031007_143824_000000472020_00311_08381_0299.N1 | 07-OCT-2003 14:38:24 | Bright     | 47.000 | 160 | 23Gam Per | 2.9300  | 4700.0 | 94  | 8381 | No |
| 230 | GOM_NL__2PRFIN20031007_144223_000000392020_00311_08381_0300.N1 | 07-OCT-2003 14:42:23 | Bright     | 38.500 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 77  | 8381 | No |
| 231 | GOM_NL__2PRFIN20031007_144449_000000392020_00311_08381_0301.N1 | 07-OCT-2003 14:44:49 | Bright     | 38.500 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 77  | 8381 | No |
| 232 | GOM_NL__2PRFIN20031007_145029_000000402020_00311_08381_0302.N1 | 07-OCT-2003 14:50:29 | Bright     | 39.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 79  | 8381 | No |
| 233 | GOM_NL__2PRFIN20031007_145202_000000372020_00311_08381_0303.N1 | 07-OCT-2003 14:52:02 | Bright     | 37.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 74  | 8381 | No |
| 234 | GOM_NL__2PRFIN20031007_145516_000000402020_00311_08381_0304.N1 | 07-OCT-2003 14:55:16 | Bright     | 39.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 79  | 8381 | No |
| 235 | GOM_NL__2PRFIN20031007_150045_000000662020_00311_08381_0305.N1 | 07-OCT-2003 15:00:45 | Bright     | 65.500 | 24  | 66Alp Gem | 1.5800  | 10200. | 131 | 8381 | No |
| 236 | GOM_NL__2PRFIN20031007_150509_000000472020_00311_08381_0306.N1 | 07-OCT-2003 15:05:09 | Bright     | 46.500 | 22  | 32Alp Leo | 1.3600  | 15200. | 93  | 8381 | No |
| 237 | GOM_NL__2PRFIN20031007_150703_000001642020_00311_08381_0307.N1 | 07-OCT-2003 15:07:03 | Straylight | 164.00 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 328 | 8381 | No |
| 238 | GOM_NL__2PRFIN20031007_151311_000000972020_00311_08381_0308.N1 | 07-OCT-2003 15:13:11 | Dark       | 96.500 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 193 | 8381 | No |
| 239 | GOM_NL__2PRFIN20031007_151943_000000512020_00311_08381_0309.N1 | 07-OCT-2003 15:19:43 | Dark       | 50.500 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 101 | 8381 | No |
| 240 | GOM_NL__2PRFIN20031007_152136_000000462020_00311_08381_0310.N1 | 07-OCT-2003 15:21:36 | Dark       | 46.000 | 65  | Lam Vel   | 2.2040  | 4400.0 | 92  | 8381 | No |
| 241 | GOM_NL__2PRFIN20031007_152316_000000462020_00311_08381_0311.N1 | 07-OCT-2003 15:23:16 | Dark       | 45.500 | 70  | Zet Pup   | 2.2460  | 39000. | 91  | 8381 | No |
| 242 | GOM_NL__2PRFIN20031007_152450_000000422020_00311_08381_0312.N1 | 07-OCT-2003 15:24:50 | Dark       | 42.000 | 46  | Del Vel   | 1.9540  | 10600. | 84  | 8381 | No |
| 243 | GOM_NL__2PRFIN20031007_152623_000000542020_00312_08382_0282.N1 | 07-OCT-2003 15:26:23 | Dark       | 54.000 | 41  | Eps Car   | 1.8600  | 4100.0 | 108 | 8382 | No |
| 244 | GOM_NL__2PRFIN20031007_152747_000000442020_00312_08382_0283.N1 | 07-OCT-2003 15:27:47 | Dark       | 44.000 | 29  | Bet Car   | 1.6720  | 10200. | 88  | 8382 | No |
| 245 | GOM_NL__2PRFIN20031007_153313_000000652020_00312_08382_0284.N1 | 07-OCT-2003 15:33:13 | Dark       | 64.500 | 108 | Alp Col   | 2.6520  | 15200. | 129 | 8382 | No |
| 246 | GOM_NL__2PRFIN20031007_153606_000000402020_00312_08382_0285.N1 | 07-OCT-2003 15:36:06 | Dark       | 39.500 | 135 | Bet Hyi   | 2.8200  | 5800.0 | 79  | 8382 | No |
| 247 | GOM_NL__2PRFIN20031007_153836_000000412020_00312_08382_0286.N1 | 07-OCT-2003 15:38:36 | Dark       | 40.500 | 143 | Alp Hyi   | 2.8570  | 7200.0 | 81  | 8382 | No |
| 248 | GOM_NL__2PRFIN20031007_154005_000000412020_00312_08382_0287.N1 | 07-OCT-2003 15:40:05 | Dark       | 40.500 | 9   | Alp Eri   | 0.45300 | 24000. | 81  | 8382 | No |
| 249 | GOM_NL__2PRFIN20031007_154208_000000512020_00312_08382_0288.N1 | 07-OCT-2003 15:42:08 | Straylight | 51.000 | 157 | The1Eri   | 2.9060  | 9300.0 | 102 | 8382 | No |
| 250 | GOM_NL__2PRFIN20031007_154515_000000482020_00312_08382_0289.N1 | 07-OCT-2003 15:45:15 | Straylight | 47.500 | 84  | Alp Phe   | 2.3970  | 4500.0 | 95  | 8382 | No |
| 251 | GOM_NL__2PRFIN20031007_154949_000000452020_00312_08382_0290.N1 | 07-OCT-2003 15:49:49 | Straylight | 44.500 | 18  | 24Alp PsA | 1.1660  | 9700.0 | 89  | 8382 | No |
| 252 | GOM_NL__2PRFIN20031007_155201_000000482020_00312_08382_0291.N1 | 07-OCT-2003 15:52:01 | Straylight | 48.000 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 96  | 8382 | No |
| 253 | GOM_NL__2PRFIN20031007_155434_000002142020_00312_08382_0292.N1 | 07-OCT-2003 15:54:34 | Bright     | 214.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 428 | 8382 | No |
| 254 | GOM_NL__2PRFIN20031007_160203_000000412020_00312_08382_0293.N1 | 07-OCT-2003 16:02:03 | Bright     | 40.500 | 140 | 88Gam Peg | 2.8340  | 26000. | 81  | 8382 | No |
| 255 | GOM_NL__2PRFIN20031007_160543_000000392020_00312_08382_0294.N1 | 07-OCT-2003 16:05:43 | Bright     | 38.500 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 77  | 8382 | No |
| 256 | GOM_NL__2PRFIN20031007_160920_000000482020_00312_08382_0295.N1 | 07-OCT-2003 16:09:20 | Bright     | 48.000 | 53  | 43Bet And | 2.0480  | 3300.0 | 96  | 8382 | No |
| 257 | GOM_NL__2PRFIN20031007_161153_000000532020_00312_08382_0296.N1 | 07-OCT-2003 16:11:53 | Bright     | 52.500 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 105 | 8382 | No |
| 258 | GOM_NL__2PRFIN20031007_161427_000000402020_00312_08382_0297.N1 | 07-OCT-2003 16:14:27 | Bright     | 40.000 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 80  | 8382 | No |
| 259 | GOM_NL__2PRFIN20031007_161553_000000392020_00312_08382_0298.N1 | 07-OCT-2003 16:15:53 | Bright     | 39.000 | 76  | 27Gam Cas | 2.3000  | 30000. | 78  | 8382 | No |
| 260 | GOM_NL__2PRFIN20031007_161859_000000532020_00312_08382_0299.N1 | 07-OCT-2003 16:18:59 | Bright     | 53.000 | 160 | 23Gam Per | 2.9300  | 4700.0 | 106 | 8382 | No |
| 261 | GOM_NL__2PRFIN20031007_162257_000000412020_00312_08382_0300.N1 | 07-OCT-2003 16:22:57 | Bright     | 40.500 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 81  | 8382 | No |
| 262 | GOM_NL__2PRFIN20031007_162527_000000402020_00312_08382_0301.N1 | 07-OCT-2003 16:25:27 | Bright     | 40.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 80  | 8382 | No |
| 263 | GOM_NL__2PRFIN20031007_163104_000000402020_00312_08382_0302.N1 | 07-OCT-2003 16:31:04 | Bright     | 40.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 80  | 8382 | No |
| 264 | GOM_NL__2PRFIN20031007_163237_000000522020_00312_08382_0303.N1 | 07-OCT-2003 16:32:37 | Bright     | 52.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 104 | 8382 | No |
| 265 | GOM_NL__2PRFIN20031007_163554_000000362020_00312_08382_0304.N1 | 07-OCT-2003 16:35:54 | Bright     | 36.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 72  | 8382 | No |
| 266 | GOM_NL__2PRFIN20031007_164121_000000712020_00312_08382_0305.N1 | 07-OCT-2003 16:41:21 | Bright     | 70.500 | 24  | 66Alp Gem | 1.5800  | 10200. | 141 | 8382 | No |
| 267 | GOM_NL__2PRFIN20031007_164546_000000402020_00312_08382_0306.N1 | 07-OCT-2003 16:45:46 | Bright     | 39.500 | 22  | 32Alp Leo | 1.3600  | 15200. | 79  | 8382 | No |
| 268 | GOM_NL__2PRFIN20031007_164741_000001702020_00312_08382_0307.N1 | 07-OCT-2003 16:47:41 | Straylight | 170.00 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 340 | 8382 | No |
| 269 | GOM_NL__2PRFIN20031007_165348_000000922020_00312_08382_0308.N1 | 07-OCT-2003 16:53:48 | Dark       | 91.500 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 183 | 8382 | No |
| 270 | GOM_NL__2PRFIN20031007_170020_000000542020_00312_08382_0309.N1 | 07-OCT-2003 17:00:20 | Dark       | 53.500 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 107 | 8382 | No |
| 271 | GOM_NL__2PRFIN20031007_170210_000000522020_00312_08382_0310.N1 | 07-OCT-2003 17:02:10 | Dark       | 51.500 | 65  | Lam Vel   | 2.2040  | 4400.0 | 103 | 8382 | No |
| 272 | GOM_NL__2PRFIN20031007_170352_000000482020_00312_08382_0311.N1 | 07-OCT-2003 17:03:52 | Dark       | 47.500 | 70  | Zet Pup   | 2.2460  | 39000. | 95  | 8382 | No |
| 273 | GOM_NL__2PRFIN20031007_170524_000000442020_00312_08382_0312.N1 | 07-OCT-2003 17:05:24 | Dark       | 44.000 | 46  | Del Vel   | 1.9540  | 10600. | 88  | 8382 | No |
| 274 | GOM_NL__2PRFIN20031007_170700_000000452020_00313_08383_0344.N1 | 07-OCT-2003 17:07:00 | Dark       | 45.000 | 41  | Eps Car   | 1.8600  | 4100.0 | 90  | 8383 | No |
| 275 | GOM_NL__2PRFIN20031007_170823_000000412020_00313_08383_0345.N1 | 07-OCT-2003 17:08:23 | Dark       | 40.500 | 29  | Bet Car   | 1.6720  | 10200. | 81  | 8383 | No |
| 276 | GOM_NL__2PRFIN20031007_171351_000000682020_00313_08383_0346.N1 | 07-OCT-2003 17:13:51 | Dark       | 68.000 | 108 | Alp Col   | 2.6520  | 15200. | 136 | 8383 | No |
| 277 | GOM_NL__2PRFIN20031007_171643_000000402020_00313_08383_0347.N1 | 07-OCT-2003 17:16:43 | Dark       | 39.500 | 135 | Bet Hyi   | 2.8200  | 5800.0 | 79  | 8383 | No |
| 278 | GOM_NL__2PRFIN20031007_171913_000000412020_00313_08383_0348.N1 | 07-OCT-2003 17:19:13 | Dark       | 40.500 | 143 | Alp Hyi   | 2.8570  | 7200.0 | 81  | 8383 | No |

|     |   |                      |            |        |     |           |         |        |     |      |    |
|-----|---|----------------------|------------|--------|-----|-----------|---------|--------|-----|------|----|
| 279 | GOM_NL__2PRFIN20031007_172040_000000502020_00313_08383_0349.N1  | 07-OCT-2003 17:20:40 | Dark       | 49.500 | 9   | Alp Eri   | 0.45300 | 24000. | 99  | 8383 | No |
| 280 | GOM_NL__2PRFIN20031007_172245_000000492020_00313_08383_0350.N1  | 07-OCT-2003 17:22:45 | Straylight | 48.500 | 157 | The1Eri   | 2.9060  | 9300.0 | 97  | 8383 | No |
| 281 | GOM_NL__2PRFIN20031007_172552_000000472020_00313_08383_0351.N1  | 07-OCT-2003 17:25:52 | Straylight | 47.000 | 84  | Alp Phe   | 2.3970  | 4500.0 | 94  | 8383 | No |
| 282 | GOM_NL__2PRFIN20031007_173025_000000442020_00313_08383_0352.N1  | 07-OCT-2003 17:30:25 | Straylight | 44.000 | 18  | 24Alp PsA | 1.1660  | 9700.0 | 88  | 8383 | No |
| 283 | GOM_NL__2PRFIN20031007_173238_000000492020_00313_08383_0353.N1  | 07-OCT-2003 17:32:38 | Straylight | 48.500 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 97  | 8383 | No |
| 284 | GOM_NL__2PRFIN20031007_173509_0000002142020_00313_08383_0354.N1 | 07-OCT-2003 17:35:09 | Bright     | 214.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 428 | 8383 | No |
| 285 | GOM_NL__2PRFIN20031007_174239_000000402020_00313_08383_0355.N1  | 07-OCT-2003 17:42:39 | Bright     | 40.000 | 140 | 88Gam Peg | 2.8340  | 26000. | 80  | 8383 | No |
| 286 | GOM_NL__2PRFIN20031007_174618_000000402020_00313_08383_0356.N1  | 07-OCT-2003 17:46:18 | Bright     | 40.000 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 80  | 8383 | No |
| 287 | GOM_NL__2PRFIN20031007_174954_000000452020_00313_08383_0357.N1  | 07-OCT-2003 17:49:54 | Bright     | 45.000 | 53  | 43Bet And | 2.0480  | 3300.0 | 90  | 8383 | No |
| 288 | GOM_NL__2PRFIN20031007_175228_000000542020_00313_08383_0358.N1  | 07-OCT-2003 17:52:28 | Bright     | 53.500 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 107 | 8383 | No |
| 289 | GOM_NL__2PRFIN20031007_175504_000000412020_00313_08383_0359.N1  | 07-OCT-2003 17:55:04 | Bright     | 40.500 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 81  | 8383 | No |
| 290 | GOM_NL__2PRFIN20031007_175629_000000412020_00313_08383_0360.N1  | 07-OCT-2003 17:56:29 | Bright     | 41.000 | 76  | 27Gam Cas | 2.3000  | 30000. | 82  | 8383 | No |
| 291 | GOM_NL__2PRFIN20031007_175934_000000522020_00313_08383_0361.N1  | 07-OCT-2003 17:59:34 | Bright     | 51.500 | 160 | 23Gam Per | 2.9300  | 4700.0 | 103 | 8383 | No |
| 292 | GOM_NL__2PRFIN20031007_180335_000000392020_00313_08383_0362.N1  | 07-OCT-2003 18:03:35 | Bright     | 38.500 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 77  | 8383 | No |
| 293 | GOM_NL__2PRFIN20031007_180604_000000402020_00313_08383_0363.N1  | 07-OCT-2003 18:06:04 | Bright     | 40.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 80  | 8383 | No |
| 294 | GOM_NL__2PRFIN20031007_181142_000000402020_00313_08383_0364.N1  | 07-OCT-2003 18:11:42 | Bright     | 39.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 79  | 8383 | No |
| 295 | GOM_NL__2PRFIN20031007_181314_000000362020_00313_08383_0365.N1  | 07-OCT-2003 18:13:14 | Bright     | 36.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 72  | 8383 | No |
| 296 | GOM_NL__2PRFIN20031007_181631_000000382020_00313_08383_0366.N1  | 07-OCT-2003 18:16:31 | Bright     | 37.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 75  | 8383 | No |
| 297 | GOM_NL__2PRFIN20031007_182157_000000702020_00313_08383_0367.N1  | 07-OCT-2003 18:21:57 | Bright     | 70.000 | 24  | 66Alp Gem | 1.5800  | 10200. | 140 | 8383 | No |
| 298 | GOM_NL__2PRFIN20031007_182622_000000382020_00313_08383_0368.N1  | 07-OCT-2003 18:26:22 | Bright     | 38.000 | 22  | 32Alp Leo | 1.3600  | 15200. | 76  | 8383 | No |
| 299 | GOM_NL__2PRFIN20031007_182818_000001732020_00313_08383_0369.N1  | 07-OCT-2003 18:28:18 | Straylight | 172.50 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 345 | 8383 | No |
| 300 | GOM_NL__2PRFIN20031007_183426_000000932020_00313_08383_0370.N1  | 07-OCT-2003 18:34:26 | Dark       | 92.500 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 185 | 8383 | No |
| 301 | GOM_NL__2PRFIN20031007_184058_000000512020_00313_08383_0371.N1  | 07-OCT-2003 18:40:58 | Dark       | 51.000 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 102 | 8383 | No |
| 302 | GOM_NL__2PRFIN20031007_184249_000000452020_00313_08383_0372.N1  | 07-OCT-2003 18:42:49 | Dark       | 44.500 | 65  | Lam Vel   | 2.2040  | 4400.0 | 89  | 8383 | No |
| 303 | GOM_NL__2PRFIN20031007_184427_000000492020_00313_08383_0373.N1  | 07-OCT-2003 18:44:27 | Dark       | 48.500 | 70  | Zet Pup   | 2.2460  | 39000. | 97  | 8383 | No |
| 304 | GOM_NL__2PRFIN20031007_184603_000000412020_00313_08383_0374.N1  | 07-OCT-2003 18:46:03 | Dark       | 41.000 | 46  | Del Vel   | 1.9540  | 10600. | 82  | 8383 | No |
| 305 | GOM_NL__2PRFIN20031007_184738_000000432020_00314_08384_0344.N1  | 07-OCT-2003 18:47:38 | Dark       | 42.500 | 41  | Eps Car   | 1.8600  | 4100.0 | 85  | 8384 | No |
| 306 | GOM_NL__2PRFIN20031007_184859_000000472020_00314_08384_0345.N1  | 07-OCT-2003 18:48:59 | Dark       | 46.500 | 29  | Bet Car   | 1.6720  | 10200. | 93  | 8384 | No |
| 307 | GOM_NL__2PRFIN20031007_185429_000000672020_00314_08384_0346.N1  | 07-OCT-2003 18:54:29 | Dark       | 67.000 | 108 | Alp Col   | 2.6520  | 15200. | 134 | 8384 | No |
| 308 | GOM_NL__2PRFIN20031007_185719_000000392020_00314_08384_0347.N1  | 07-OCT-2003 18:57:19 | Dark       | 38.500 | 135 | Bet Hyi   | 2.8200  | 5800.0 | 77  | 8384 | No |
| 309 | GOM_NL__2PRFIN20031007_185949_000000412020_00314_08384_0348.N1  | 07-OCT-2003 18:59:49 | Dark       | 41.000 | 143 | Alp Hyi   | 2.8570  | 7200.0 | 82  | 8384 | No |
| 310 | GOM_NL__2PRFIN20031007_190116_000000432020_00314_08384_0349.N1  | 07-OCT-2003 19:01:16 | Dark       | 43.000 | 9   | Alp Eri   | 0.45300 | 24000. | 86  | 8384 | No |
| 311 | GOM_NL__2PRFIN20031007_190321_000000472020_00314_08384_0350.N1  | 07-OCT-2003 19:03:21 | Straylight | 47.000 | 157 | The1Eri   | 2.9060  | 9300.0 | 94  | 8384 | No |
| 312 | GOM_NL__2PRFIN20031007_190629_000000442020_00314_08384_0351.N1  | 07-OCT-2003 19:06:29 | Straylight | 44.000 | 84  | Alp Phe   | 2.3970  | 4500.0 | 88  | 8384 | No |
| 313 | GOM_NL__2PRFIN20031007_191101_000000442020_00314_08384_0352.N1  | 07-OCT-2003 19:11:01 | Straylight | 43.500 | 18  | 24Alp PsA | 1.1660  | 9700.0 | 87  | 8384 | No |
| 314 | GOM_NL__2PRFIN20031007_191313_000000492020_00314_08384_0353.N1  | 07-OCT-2003 19:13:13 | Straylight | 49.000 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 98  | 8384 | No |
| 315 | GOM_NL__2PRFIN20031007_191544_0000002142020_00314_08384_0354.N1 | 07-OCT-2003 19:15:44 | Bright     | 214.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 428 | 8384 | No |
| 316 | GOM_NL__2PRFIN20031007_192315_000000402020_00314_08384_0355.N1  | 07-OCT-2003 19:23:15 | Bright     | 40.000 | 140 | 88Gam Peg | 2.8340  | 26000. | 80  | 8384 | No |
| 317 | GOM_NL__2PRFIN20031007_192655_000000402020_00314_08384_0356.N1  | 07-OCT-2003 19:26:55 | Bright     | 40.000 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 80  | 8384 | No |
| 318 | GOM_NL__2PRFIN20031007_193030_000000462020_00314_08384_0357.N1  | 07-OCT-2003 19:30:30 | Bright     | 45.500 | 53  | 43Bet And | 2.0480  | 3300.0 | 91  | 8384 | No |
| 319 | GOM_NL__2PRFIN20031007_193303_000000552020_00314_08384_0358.N1  | 07-OCT-2003 19:33:03 | Bright     | 54.500 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 109 | 8384 | No |
| 320 | GOM_NL__2PRFIN20031007_193540_000000412020_00314_08384_0359.N1  | 07-OCT-2003 19:35:40 | Bright     | 41.000 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 82  | 8384 | No |
| 321 | GOM_NL__2PRFIN20031007_193705_000000422020_00314_08384_0360.N1  | 07-OCT-2003 19:37:05 | Bright     | 42.000 | 76  | 27Gam Cas | 2.3000  | 30000. | 84  | 8384 | No |
| 322 | GOM_NL__2PRFIN20031007_194010_000000512020_00314_08384_0361.N1  | 07-OCT-2003 19:40:10 | Bright     | 50.500 | 160 | 23Gam Per | 2.9300  | 4700.0 | 101 | 8384 | No |
| 323 | GOM_NL__2PRFIN20031007_194411_000000392020_00314_08384_0362.N1  | 07-OCT-2003 19:44:11 | Bright     | 38.500 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 77  | 8384 | No |
| 324 | GOM_NL__2PRFIN20031007_194641_000000372020_00314_08384_0363.N1  | 07-OCT-2003 19:46:41 | Bright     | 37.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 74  | 8384 | No |
| 325 | GOM_NL__2PRFIN20031007_195218_000000362020_00314_08384_0364.N1  | 07-OCT-2003 19:52:18 | Bright     | 36.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 72  | 8384 | No |
| 326 | GOM_NL__2PRFIN20031007_195350_000000362020_00314_08384_0365.N1  | 07-OCT-2003 19:53:50 | Bright     | 35.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 71  | 8384 | No |
| 327 | GOM_NL__2PRFIN20031007_195707_000000382020_00314_08384_0366.N1  | 07-OCT-2003 19:57:07 | Bright     | 37.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 75  | 8384 | No |
| 328 | GOM_NL__2PRFIN20031007_200234_000000682020_00314_08384_0367.N1  | 07-OCT-2003 20:02:34 | Bright     | 67.500 | 24  | 66Alp Gem | 1.5800  | 10200. | 135 | 8384 | No |
| 329 | GOM_NL__2PRFIN20031007_200659_000000402020_00314_08384_0368.N1  | 07-OCT-2003 20:06:59 | Bright     | 39.500 | 22  | 32Alp Leo | 1.3600  | 15200. | 79  | 8384 | No |
| 330 | GOM_NL__2PRFIN20031007_200856_000001742020_00314_08384_0369.N1  | 07-OCT-2003 20:08:56 | Straylight | 174.00 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 348 | 8384 | No |
| 331 | GOM_NL__2PRFIN20031007_201504_000000992020_00314_08384_0370.N1  | 07-OCT-2003 20:15:04 | Dark       | 99.000 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 198 | 8384 | No |
| 332 | GOM_NL__2PRFIN20031007_202135_000000562020_00314_08384_0371.N1  | 07-OCT-2003 20:21:35 | Dark       | 56.000 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 112 | 8384 | No |
| 333 | GOM_NL__2PRFIN20031007_202323_000000522020_00314_08384_0372.N1  | 07-OCT-2003 20:23:23 | Dark       | 51.500 | 65  | Lam Vel   | 2.2040  | 4400.0 | 103 | 8384 | No |
| 334 | GOM_NL__2PRFIN20031007_202506_000000482020_00314_08384_0373.N1  | 07-OCT-2003 20:25:06 | Dark       | 47.500 | 70  | Zet Pup   | 2.2460  | 39000. | 95  | 8384 | No |
| 335 | GOM_NL__2PRFIN20031007_202639_000000412020_00314_08384_0374.N1  | 07-OCT-2003 20:26:39 | Dark       | 40.500 | 46  | Del Vel   | 1.9540  | 10600. | 81  | 8384 | No |
| 336 | GOM_NL__2PRFIN20031007_202814_000000532020_00315_08385_0344.N1  | 07-OCT-2003 20:28:14 | Dark       | 52.500 | 41  | Eps Car   | 1.8600  | 4100.0 | 105 | 8385 | No |
| 337 | GOM_NL__2PRFIN20031007_203506_000000672020_00315_08385_0345.N1  | 07-OCT-2003 20:35:06 | Dark       | 66.500 | 108 | Alp Col   | 2.6520  | 15200. | 133 | 8385 | No |



|     |  |                      |            |        |     |           |         |        |     |      |    |
|-----|--|----------------------|------------|--------|-----|-----------|---------|--------|-----|------|----|
| 338 | GOM_NL__2PRFIN20031007_203755_000000412020_00315_08385_0346.N1 | 07-OCT-2003 20:37:55 | Dark       | 40.500 | 135 | Bet Hyi   | 2.8200  | 5800.0 | 81  | 8385 | No |
| 339 | GOM_NL__2PRFIN20031007_204026_000000422020_00315_08385_0347.N1 | 07-OCT-2003 20:40:26 | Dark       | 41.500 | 143 | Alp Hyi   | 2.8570  | 7200.0 | 83  | 8385 | No |
| 340 | GOM_NL__2PRFIN20031007_204152_000000442020_00315_08385_0348.N1 | 07-OCT-2003 20:41:52 | Dark       | 43.500 | 9   | Alp Eri   | 0.45300 | 24000. | 87  | 8385 | No |
| 341 | GOM_NL__2PRFIN20031007_204358_000000502020_00315_08385_0349.N1 | 07-OCT-2003 20:43:58 | Straylight | 50.000 | 157 | The1Eri   | 2.9060  | 9300.0 | 100 | 8385 | No |
| 342 | GOM_NL__2PRFIN20031007_204705_000000442020_00315_08385_0350.N1 | 07-OCT-2003 20:47:05 | Straylight | 43.500 | 84  | Alp Phe   | 2.3970  | 4500.0 | 87  | 8385 | No |
| 343 | GOM_NL__2PRFIN20031007_205137_000000432020_00315_08385_0351.N1 | 07-OCT-2003 20:51:37 | Straylight | 43.000 | 18  | 24Alp PsA | 1.1660  | 9700.0 | 86  | 8385 | No |
| 344 | GOM_NL__2PRFIN20031007_205350_000000462020_00315_08385_0352.N1 | 07-OCT-2003 20:53:50 | Straylight | 46.000 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 92  | 8385 | No |
| 345 | GOM_NL__2PRFIN20031007_205619_000002142020_00315_08385_0353.N1 | 07-OCT-2003 20:56:19 | Bright     | 214.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 428 | 8385 | No |
| 346 | GOM_NL__2PRFIN20031007_210351_000000412020_00315_08385_0354.N1 | 07-OCT-2003 21:03:51 | Bright     | 40.500 | 140 | 88Gam Peg | 2.8340  | 26000. | 81  | 8385 | No |
| 347 | GOM_NL__2PRFIN20031007_210730_000000392020_00315_08385_0355.N1 | 07-OCT-2003 21:07:30 | Bright     | 39.000 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 78  | 8385 | No |
| 348 | GOM_NL__2PRFIN20031007_211106_000000482020_00315_08385_0356.N1 | 07-OCT-2003 21:11:06 | Bright     | 48.000 | 53  | 43Bet And | 2.0480  | 3300.0 | 96  | 8385 | No |
| 349 | GOM_NL__2PRFIN20031007_211337_000000552020_00315_08385_0357.N1 | 07-OCT-2003 21:13:37 | Bright     | 55.000 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 110 | 8385 | No |
| 350 | GOM_NL__2PRFIN20031007_211614_000000432020_00315_08385_0358.N1 | 07-OCT-2003 21:16:14 | Bright     | 42.500 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 85  | 8385 | No |
| 351 | GOM_NL__2PRFIN20031007_211740_000000412020_00315_08385_0359.N1 | 07-OCT-2003 21:17:40 | Bright     | 41.000 | 76  | 27Gam Cas | 2.3000  | 30000. | 82  | 8385 | No |
| 352 | GOM_NL__2PRFIN20031007_211928_000000652020_00315_08385_0360.N1 | 07-OCT-2003 21:19:28 | Bright     | 65.000 | 79  | 26Bet Per | 2.3100  | 13100. | 130 | 8385 | No |
| 353 | GOM_NL__2PRFIN20031007_212136_000000582020_00315_08385_0361.N1 | 07-OCT-2003 21:21:36 | Bright     | 57.500 | 35  | 33Alp Per | 1.7950  | 6250.0 | 115 | 8385 | No |
| 354 | GOM_NL__2PRFIN20031007_212445_000000412020_00315_08385_0362.N1 | 07-OCT-2003 21:24:45 | Bright     | 41.000 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 82  | 8385 | No |
| 355 | GOM_NL__2PRFIN20031007_212716_000000392020_00315_08385_0363.N1 | 07-OCT-2003 21:27:16 | Bright     | 39.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 78  | 8385 | No |
| 356 | GOM_NL__2PRFIN20031007_213253_000000372020_00315_08385_0364.N1 | 07-OCT-2003 21:32:53 | Bright     | 36.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 73  | 8385 | No |
| 357 | GOM_NL__2PRFIN20031007_213426_000000362020_00315_08385_0365.N1 | 07-OCT-2003 21:34:26 | Bright     | 35.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 71  | 8385 | No |
| 358 | GOM_NL__2PRFIN20031007_213743_000000402020_00315_08385_0366.N1 | 07-OCT-2003 21:37:43 | Bright     | 39.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 79  | 8385 | No |
| 359 | GOM_NL__2PRFIN20031007_214309_000000662020_00315_08385_0367.N1 | 07-OCT-2003 21:43:09 | Bright     | 65.500 | 24  | 66Alp Gem | 1.5800  | 10200. | 131 | 8385 | No |
| 360 | GOM_NL__2PRFIN20031007_214735_000000402020_00315_08385_0368.N1 | 07-OCT-2003 21:47:35 | Bright     | 40.000 | 22  | 32Alp Leo | 1.3600  | 15200. | 80  | 8385 | No |
| 361 | GOM_NL__2PRFIN20031007_214934_000001752020_00315_08385_0369.N1 | 07-OCT-2003 21:49:34 | Straylight | 175.00 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 350 | 8385 | No |
| 362 | GOM_NL__2PRFIN20031007_215541_000001072020_00315_08385_0370.N1 | 07-OCT-2003 21:55:41 | Dark       | 106.50 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 213 | 8385 | No |
| 363 | GOM_NL__2PRFIN20031007_220211_000000512020_00315_08385_0371.N1 | 07-OCT-2003 22:02:11 | Dark       | 50.500 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 101 | 8385 | No |
| 364 | GOM_NL__2PRFIN20031007_220401_000000482020_00315_08385_0372.N1 | 07-OCT-2003 22:04:01 | Dark       | 47.500 | 65  | Lam Vel   | 2.2040  | 4400.0 | 95  | 8385 | No |
| 365 | GOM_NL__2PRFIN20031007_220541_000000482020_00315_08385_0373.N1 | 07-OCT-2003 22:05:41 | Dark       | 48.000 | 70  | Zet Pup   | 2.2460  | 39000. | 96  | 8385 | No |
| 366 | GOM_NL__2PRFIN20031007_220716_000000452020_00315_08385_0374.N1 | 07-OCT-2003 22:07:16 | Dark       | 44.500 | 46  | Del Vel   | 1.9540  | 10600. | 89  | 8385 | No |
| 367 | GOM_NL__2PRFIN20031007_220839_000000392020_00316_08386_0345.N1 | 07-OCT-2003 22:08:39 | Dark       | 39.000 | 159 | Ups Car   | 2.9200  | 7200.0 | 78  | 8386 | No |
| 368 | GOM_NL__2PRFIN20031007_221543_000000652020_00316_08386_0346.N1 | 07-OCT-2003 22:15:43 | Dark       | 65.000 | 108 | Alp Col   | 2.6520  | 15200. | 130 | 8386 | No |
| 369 | GOM_NL__2PRFIN20031007_221831_000000402020_00316_08386_0347.N1 | 07-OCT-2003 22:18:31 | Dark       | 39.500 | 135 | Bet Hyi   | 2.8200  | 5800.0 | 79  | 8386 | No |
| 370 | GOM_NL__2PRFIN20031007_222102_000000412020_00316_08386_0348.N1 | 07-OCT-2003 22:21:02 | Dark       | 41.000 | 143 | Alp Hyi   | 2.8570  | 7200.0 | 82  | 8386 | No |
| 371 | GOM_NL__2PRFIN20031007_222229_000000502020_00316_08386_0349.N1 | 07-OCT-2003 22:22:29 | Dark       | 50.000 | 9   | Alp Eri   | 0.45300 | 24000. | 100 | 8386 | No |
| 372 | GOM_NL__2PRFIN20031007_222434_000000502020_00316_08386_0350.N1 | 07-OCT-2003 22:24:34 | Straylight | 49.500 | 157 | The1Eri   | 2.9060  | 9300.0 | 99  | 8386 | No |
| 373 | GOM_NL__2PRFIN20031007_222741_000000442020_00316_08386_0351.N1 | 07-OCT-2003 22:27:41 | Straylight | 44.000 | 84  | Alp Phe   | 2.3970  | 4500.0 | 88  | 8386 | No |
| 374 | GOM_NL__2PRFIN20031007_223213_000000432020_00316_08386_0352.N1 | 07-OCT-2003 22:32:13 | Straylight | 42.500 | 18  | 24Alp PsA | 1.1660  | 9700.0 | 85  | 8386 | No |
| 375 | GOM_NL__2PRFIN20031007_223426_000000502020_00316_08386_0353.N1 | 07-OCT-2003 22:34:26 | Straylight | 50.000 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 100 | 8386 | No |
| 376 | GOM_NL__2PRFIN20031007_223654_000002142020_00316_08386_0354.N1 | 07-OCT-2003 22:36:54 | Bright     | 214.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 428 | 8386 | No |
| 377 | GOM_NL__2PRFIN20031007_224427_000000392020_00316_08386_0355.N1 | 07-OCT-2003 22:44:27 | Bright     | 39.000 | 140 | 88Gam Peg | 2.8340  | 26000. | 78  | 8386 | No |
| 378 | GOM_NL__2PRFIN20031007_224806_000000402020_00316_08386_0356.N1 | 07-OCT-2003 22:48:06 | Bright     | 39.500 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 79  | 8386 | No |
| 379 | GOM_NL__2PRFIN20031007_225142_000000482020_00316_08386_0357.N1 | 07-OCT-2003 22:51:42 | Bright     | 48.000 | 53  | 43Bet And | 2.0480  | 3300.0 | 96  | 8386 | No |
| 380 | GOM_NL__2PRFIN20031007_225412_000000522020_00316_08386_0358.N1 | 07-OCT-2003 22:54:12 | Bright     | 51.500 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 103 | 8386 | No |
| 381 | GOM_NL__2PRFIN20031007_225650_000000422020_00316_08386_0359.N1 | 07-OCT-2003 22:56:50 | Bright     | 42.000 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 84  | 8386 | No |
| 382 | GOM_NL__2PRFIN20031007_225815_000000422020_00316_08386_0360.N1 | 07-OCT-2003 22:58:15 | Bright     | 41.500 | 76  | 27Gam Cas | 2.3000  | 30000. | 83  | 8386 | No |
| 383 | GOM_NL__2PRFIN20031007_230002_000000662020_00316_08386_0361.N1 | 07-OCT-2003 23:00:02 | Bright     | 65.500 | 79  | 26Bet Per | 2.3100  | 13100. | 131 | 8386 | No |
| 384 | GOM_NL__2PRFIN20031007_230211_000000592020_00316_08386_0362.N1 | 07-OCT-2003 23:02:11 | Bright     | 58.500 | 35  | 33Alp Per | 1.7950  | 6250.0 | 117 | 8386 | No |
| 385 | GOM_NL__2PRFIN20031007_230522_000000402020_00316_08386_0363.N1 | 07-OCT-2003 23:05:22 | Bright     | 39.500 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 79  | 8386 | No |
| 386 | GOM_NL__2PRFIN20031007_230753_000000372020_00316_08386_0364.N1 | 07-OCT-2003 23:07:53 | Bright     | 36.500 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 73  | 8386 | No |
| 387 | GOM_NL__2PRFIN20031007_231330_000000412020_00316_08386_0365.N1 | 07-OCT-2003 23:13:30 | Bright     | 41.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 82  | 8386 | No |
| 388 | GOM_NL__2PRFIN20031007_231502_000000382020_00316_08386_0366.N1 | 07-OCT-2003 23:15:02 | Bright     | 37.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 75  | 8386 | No |
| 389 | GOM_NL__2PRFIN20031007_231819_000000522020_00316_08386_0367.N1 | 07-OCT-2003 23:18:19 | Bright     | 52.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 104 | 8386 | No |
| 390 | GOM_NL__2PRFIN20031007_232346_000000682020_00316_08386_0368.N1 | 07-OCT-2003 23:23:46 | Bright     | 67.500 | 24  | 66Alp Gem | 1.5800  | 10200. | 135 | 8386 | No |
| 391 | GOM_NL__2PRFIN20031007_232811_000000402020_00316_08386_0369.N1 | 07-OCT-2003 23:28:11 | Bright     | 40.000 | 22  | 32Alp Leo | 1.3600  | 15200. | 80  | 8386 | No |
| 392 | GOM_NL__2PRFIN20031007_233012_000001682020_00316_08386_0370.N1 | 07-OCT-2003 23:30:12 | Straylight | 167.50 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 335 | 8386 | No |
| 393 | GOM_NL__2PRFIN20031007_233618_000001052020_00316_08386_0371.N1 | 07-OCT-2003 23:36:18 | Dark       | 104.50 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 209 | 8386 | No |
| 394 | GOM_NL__2PRFIN20031007_234248_000000512020_00316_08386_0372.N1 | 07-OCT-2003 23:42:48 | Dark       | 51.000 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 102 | 8386 | No |
| 395 | GOM_NL__2PRFIN20031007_234437_000000432020_00316_08386_0373.N1 | 07-OCT-2003 23:44:37 | Dark       | 43.000 | 65  | Lam Vel   | 2.2040  | 4400.0 | 86  | 8386 | No |
| 396 | GOM_NL__2PRFIN20031007_234619_000000492020_00316_08386_0374.N1 | 07-OCT-2003 23:46:19 | Dark       | 48.500 | 70  | Zet Pup   | 2.2460  | 39000. | 97  | 8386 | No |

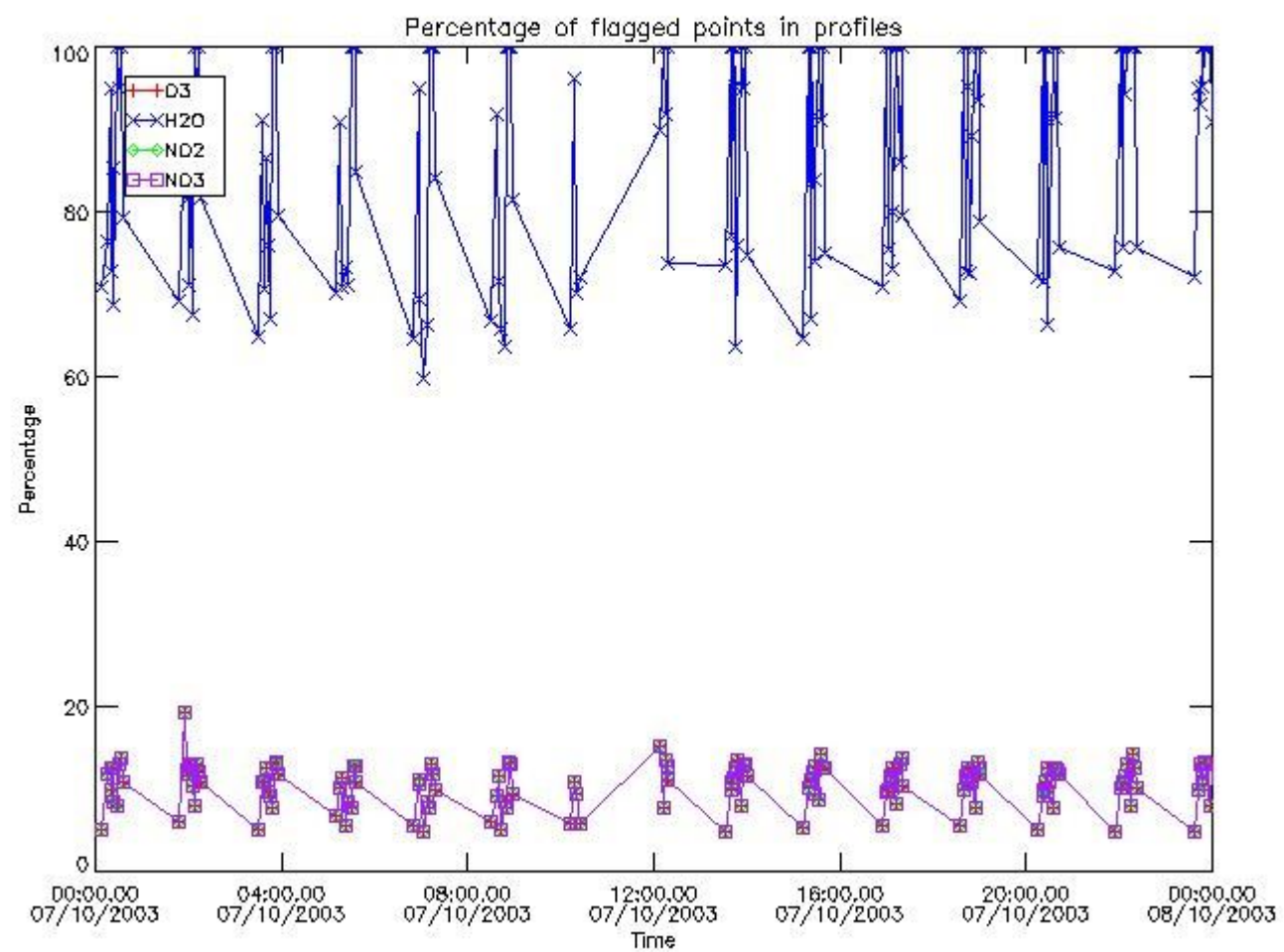


|     |  |                      |      |        |     |         |        |        |     |      |    |
|-----|--|----------------------|------|--------|-----|---------|--------|--------|-----|------|----|
| 397 | GOM_NL__2PRFIN20031007_234753_000000422020_00316_08386_0375.N1 | 07-OCT-2003 23:47:53 | Dark | 41.500 | 46  | Del Vel | 1.9540 | 10600. | 83  | 8386 | No |
| 398 | GOM_NL__2PRFIN20031007_234915_000000392020_00317_08387_0345.N1 | 07-OCT-2003 23:49:15 | Dark | 38.500 | 159 | Ups Car | 2.9200 | 7200.0 | 77  | 8387 | No |
| 399 | GOM_NL__2PRFIN20031007_235621_000000652020_00317_08387_0346.N1 | 07-OCT-2003 23:56:21 | Dark | 64.500 | 108 | Alp Col | 2.6520 | 15200. | 129 | 8387 | No |
| 400 | GOM_NL__2PRFIN20031007_235907_000000392020_00317_08387_0347.N1 | 07-OCT-2003 23:59:07 | Dark | 39.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 78  | 8387 | No |

### 3. Quality information per product

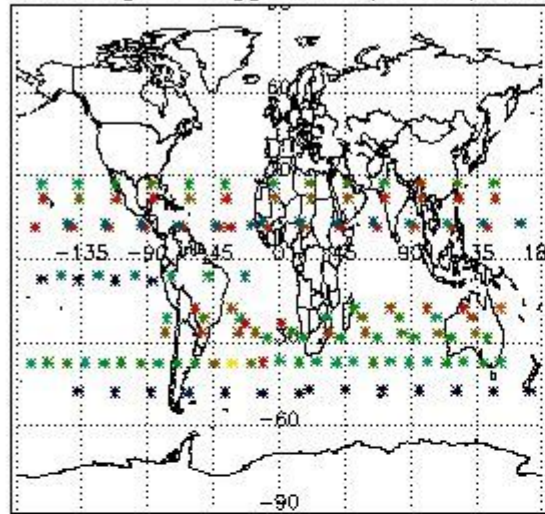
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)

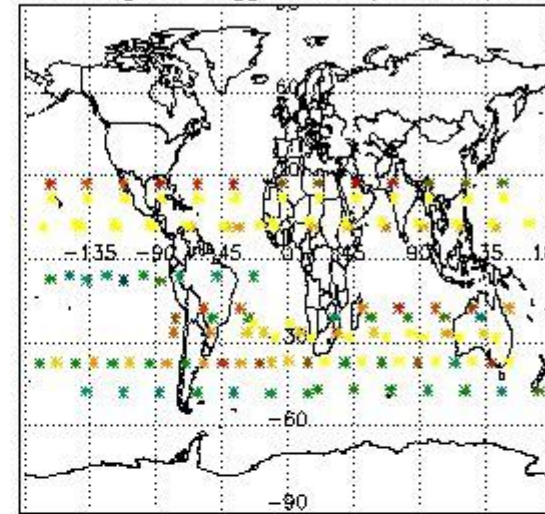


#### 3.2 Plot quality information per product (world map)

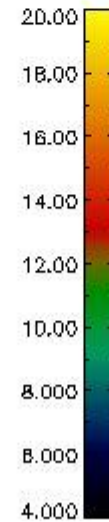
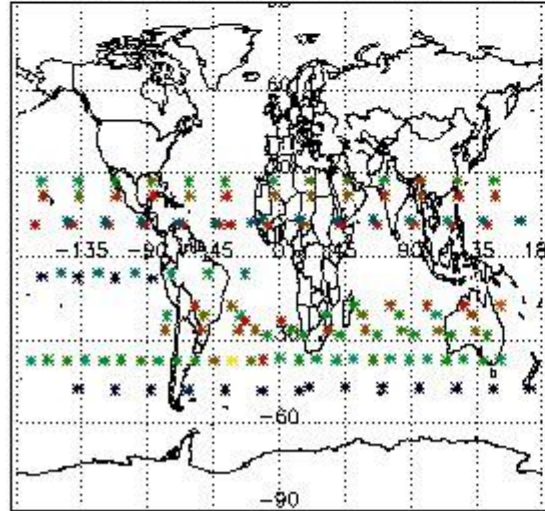
Percentage of flagged data per O3 profile



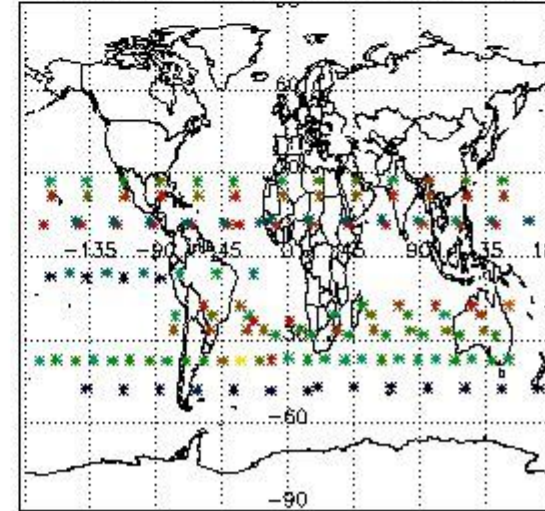
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

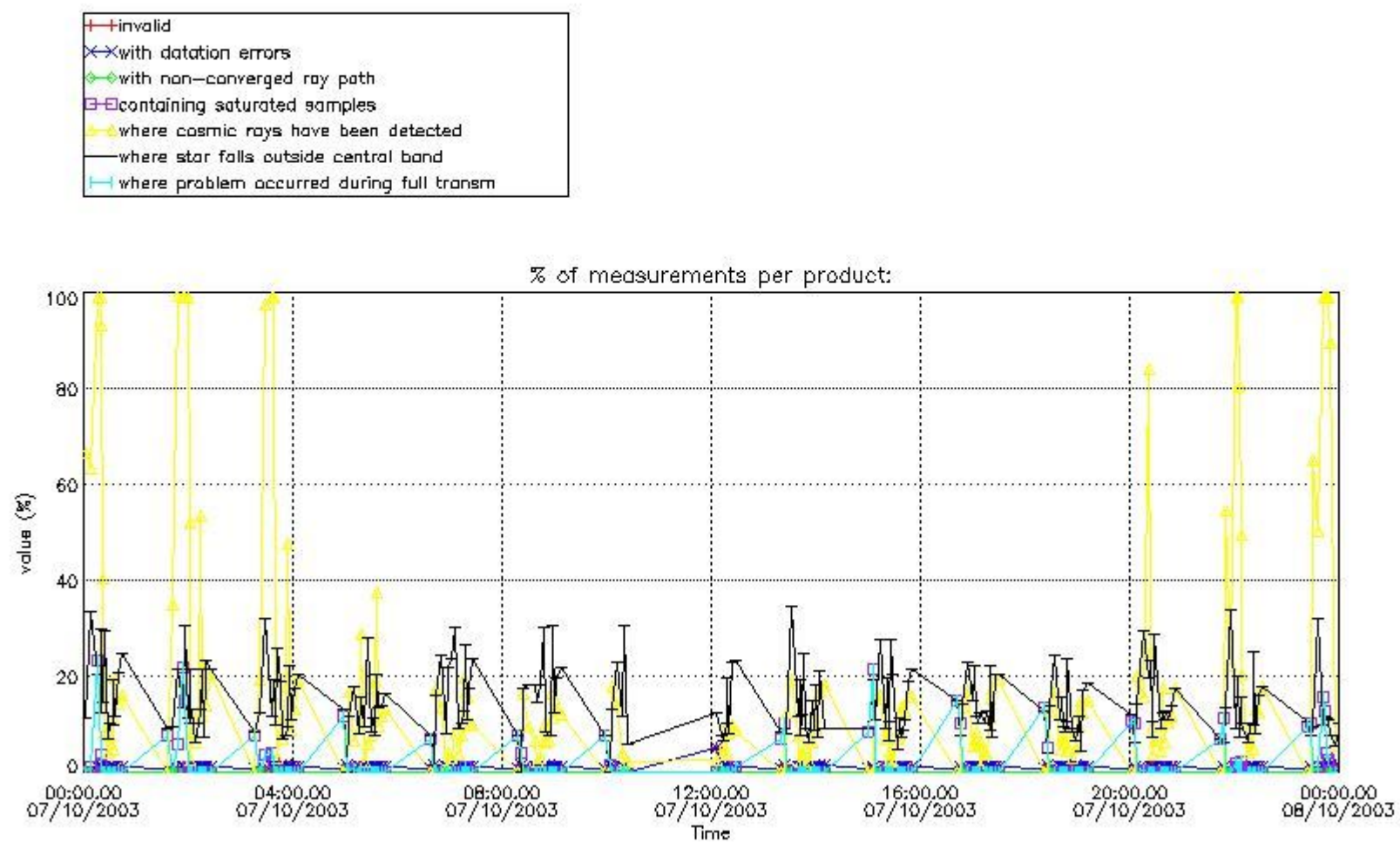


#### 4. Level 1 quality information per product

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

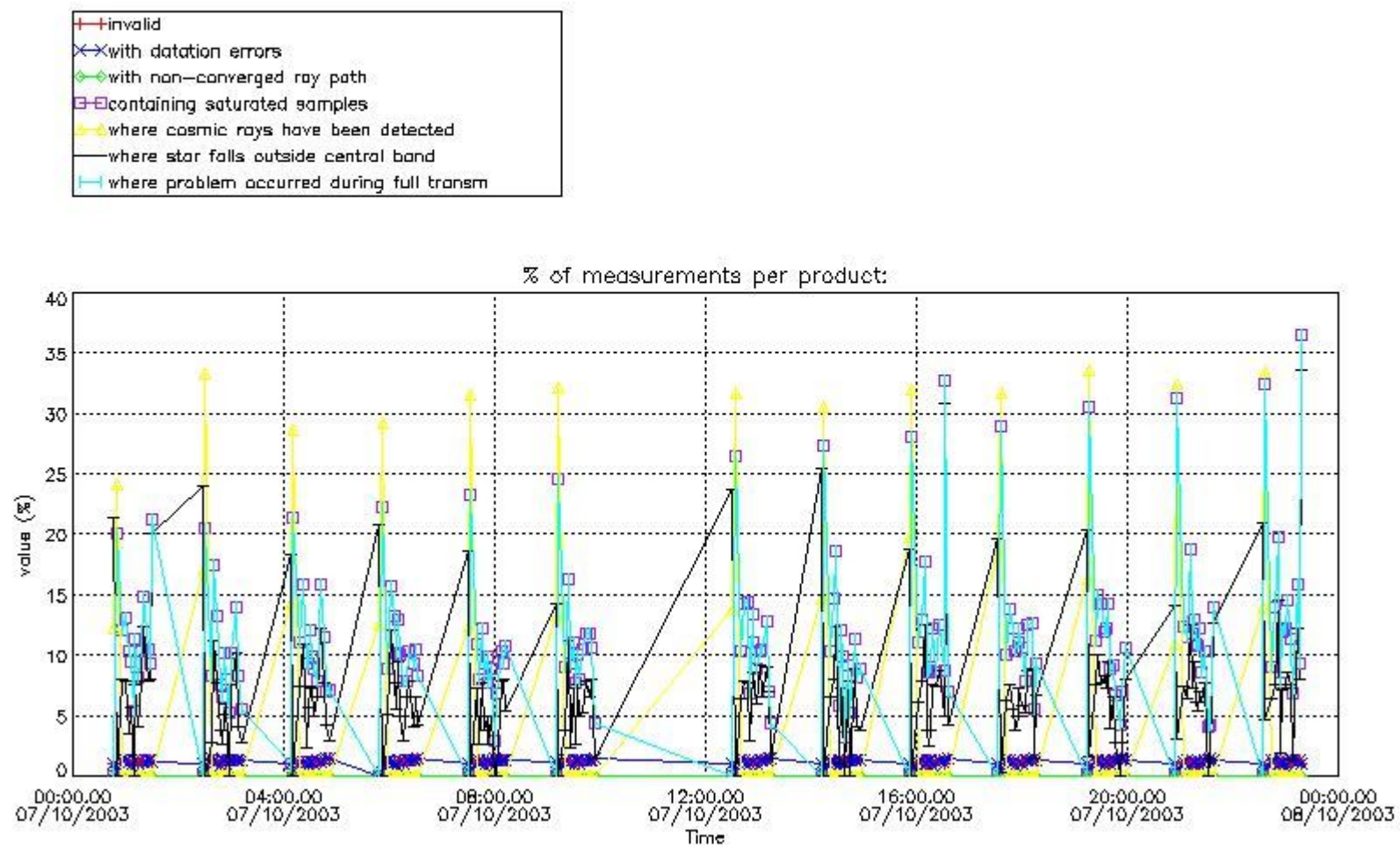
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

###### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



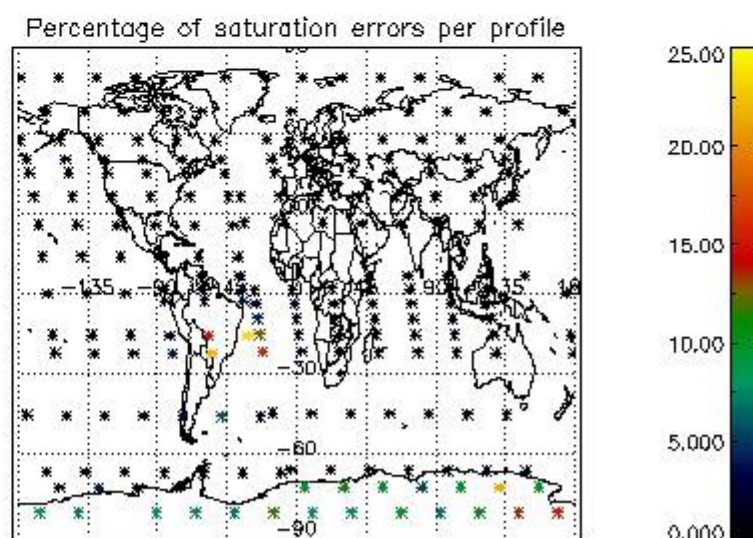
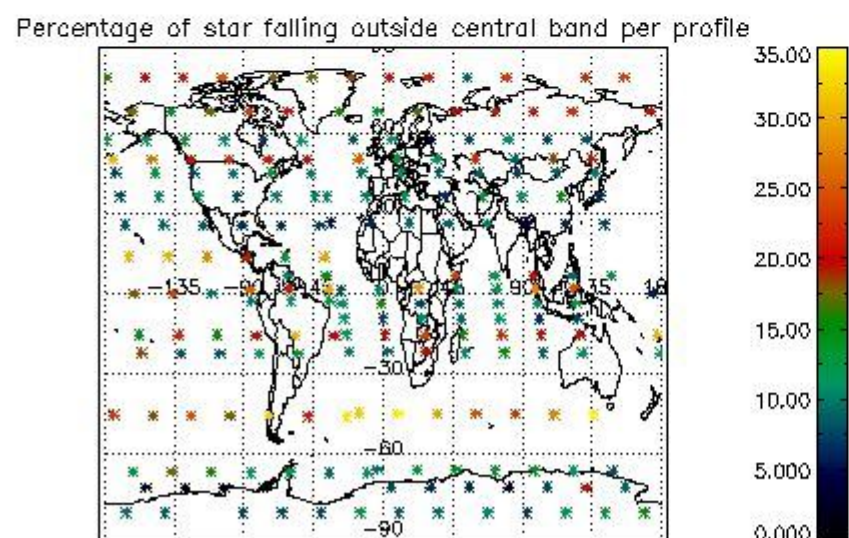
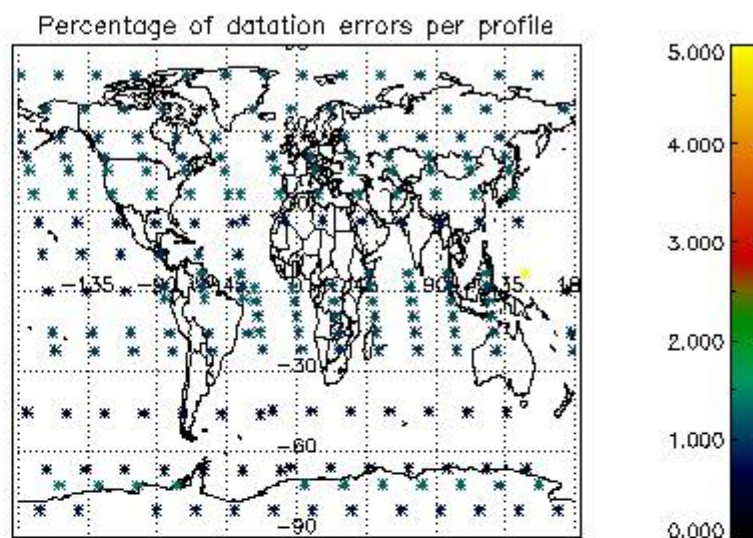
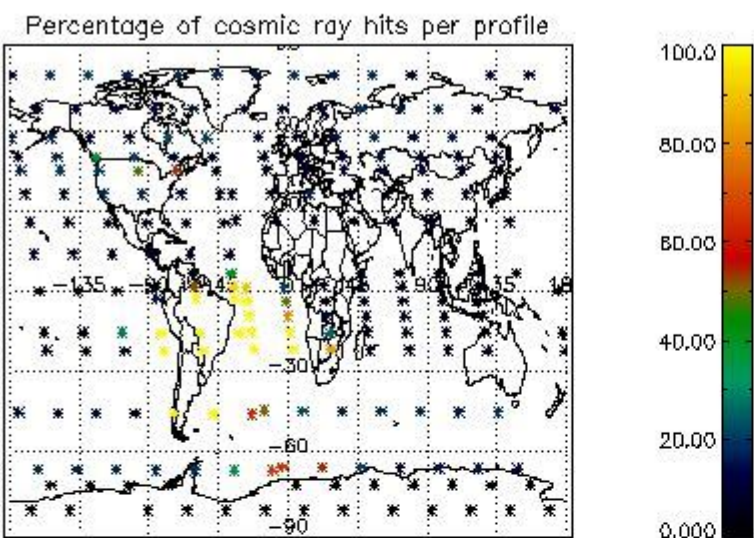
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes





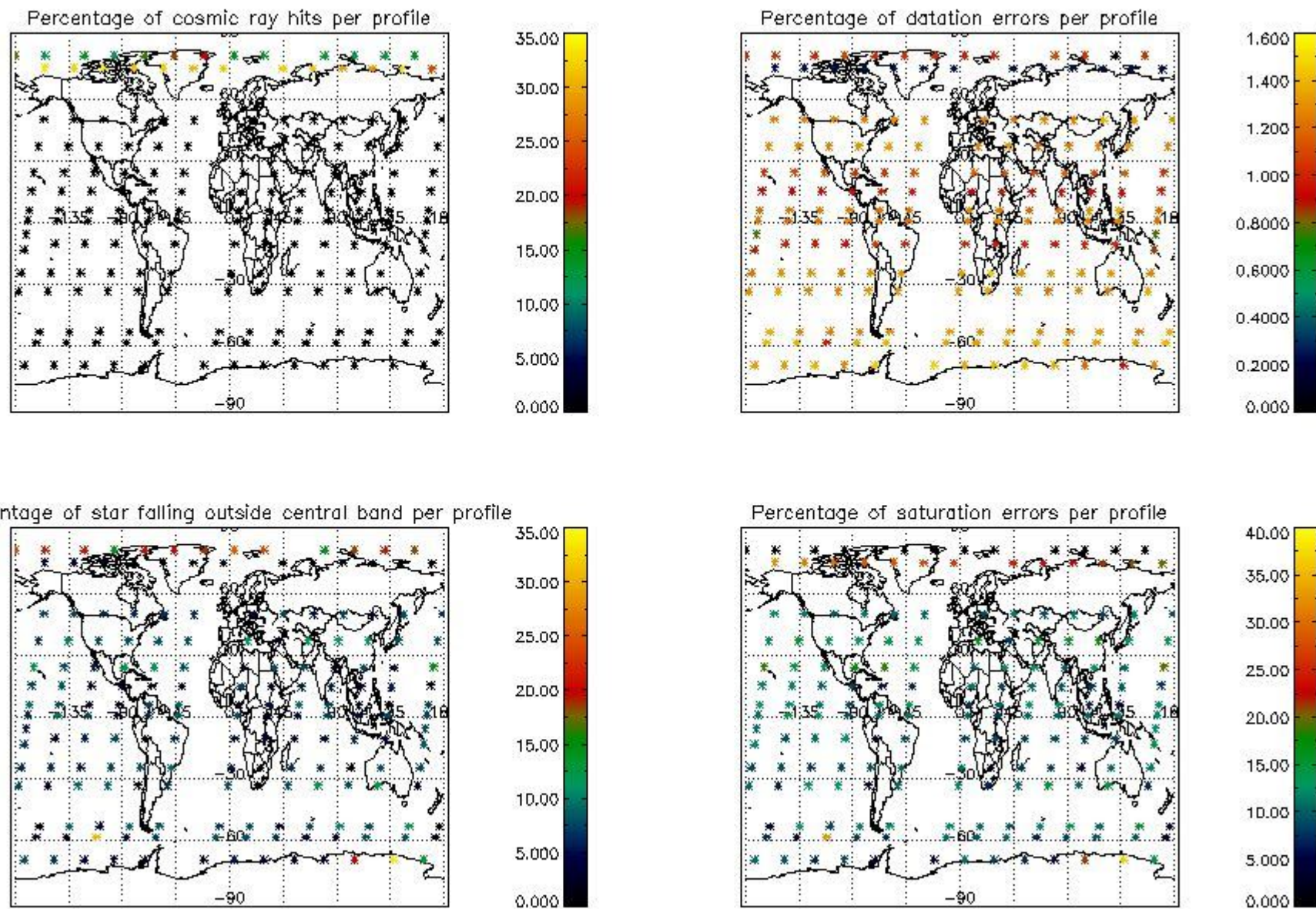
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

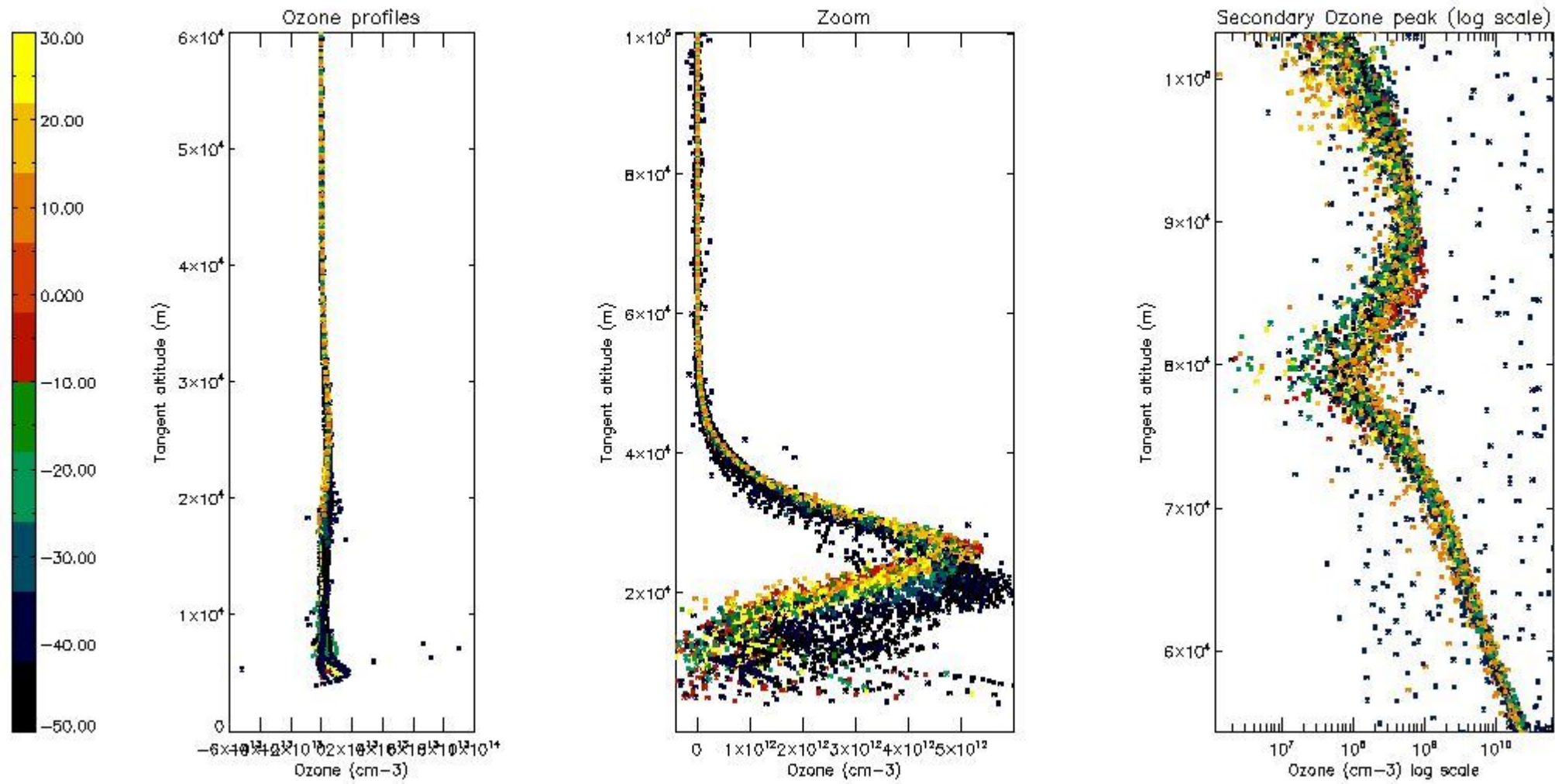
| Criteria | % of total production |
|----------|-----------------------|
| All STD  | 33                    |
| STD < 20 | 20                    |



|          |    |
|----------|----|
| STD < 10 | 17 |
| STD < 5  | 11 |

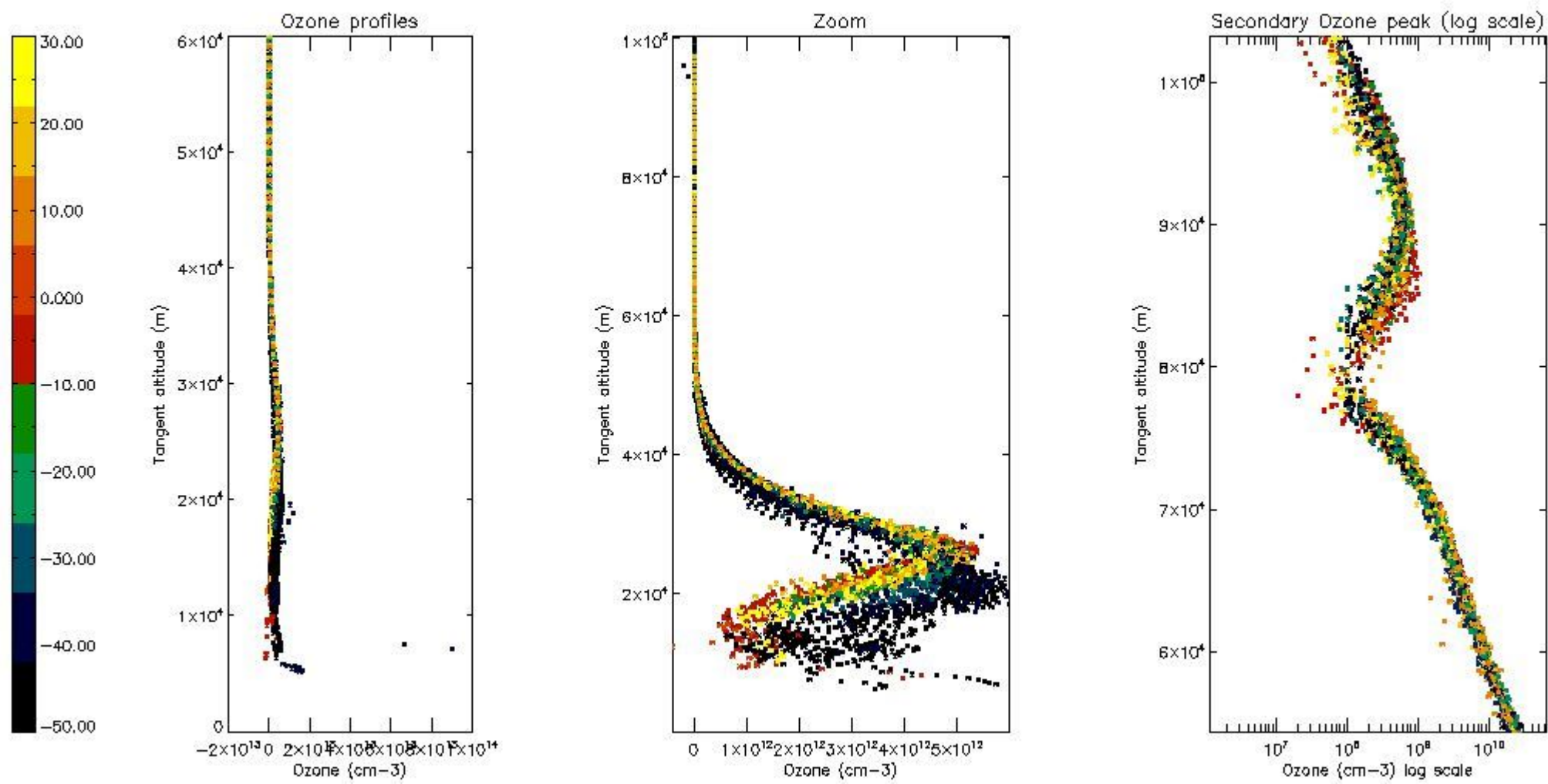
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



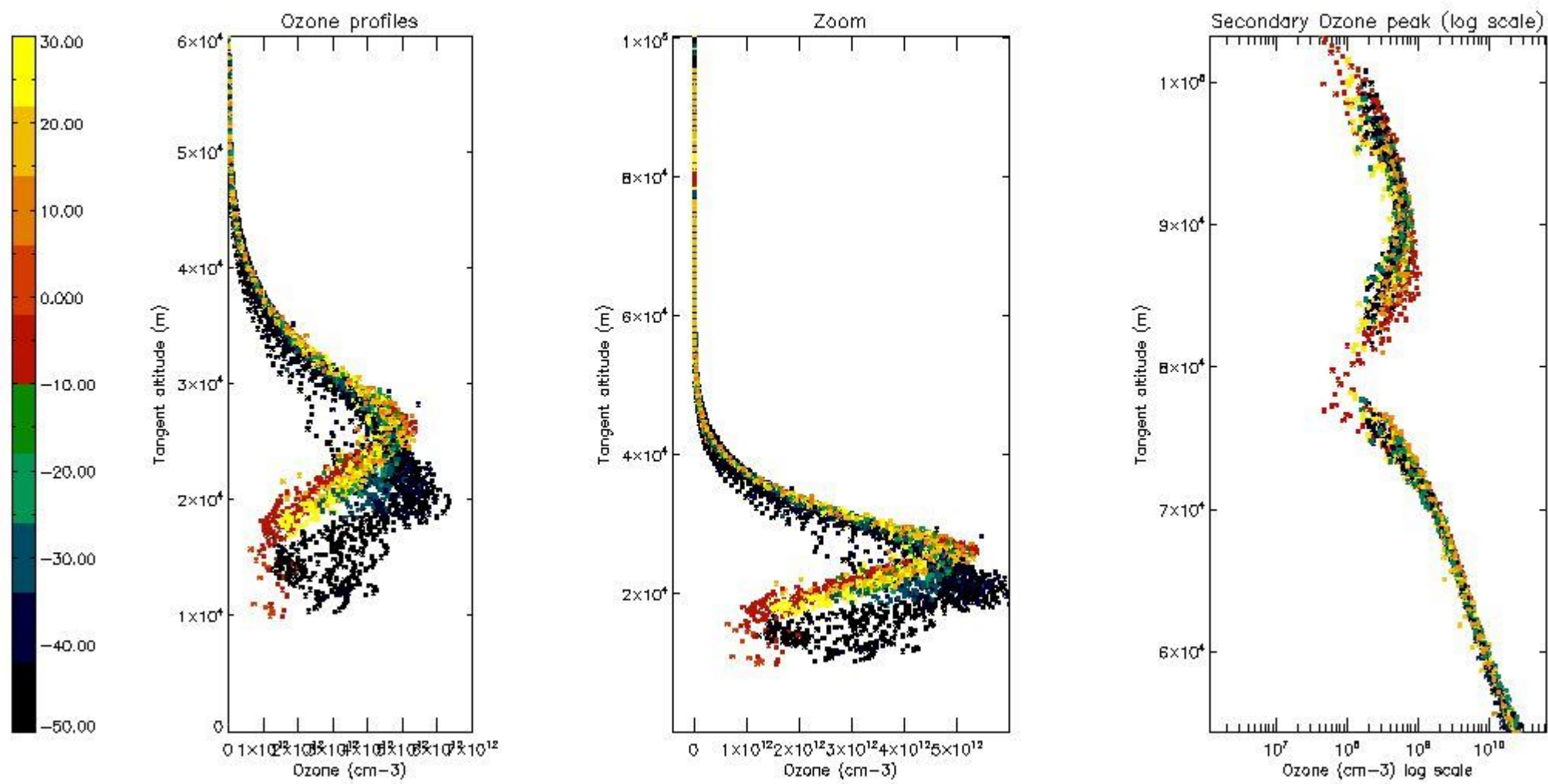
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

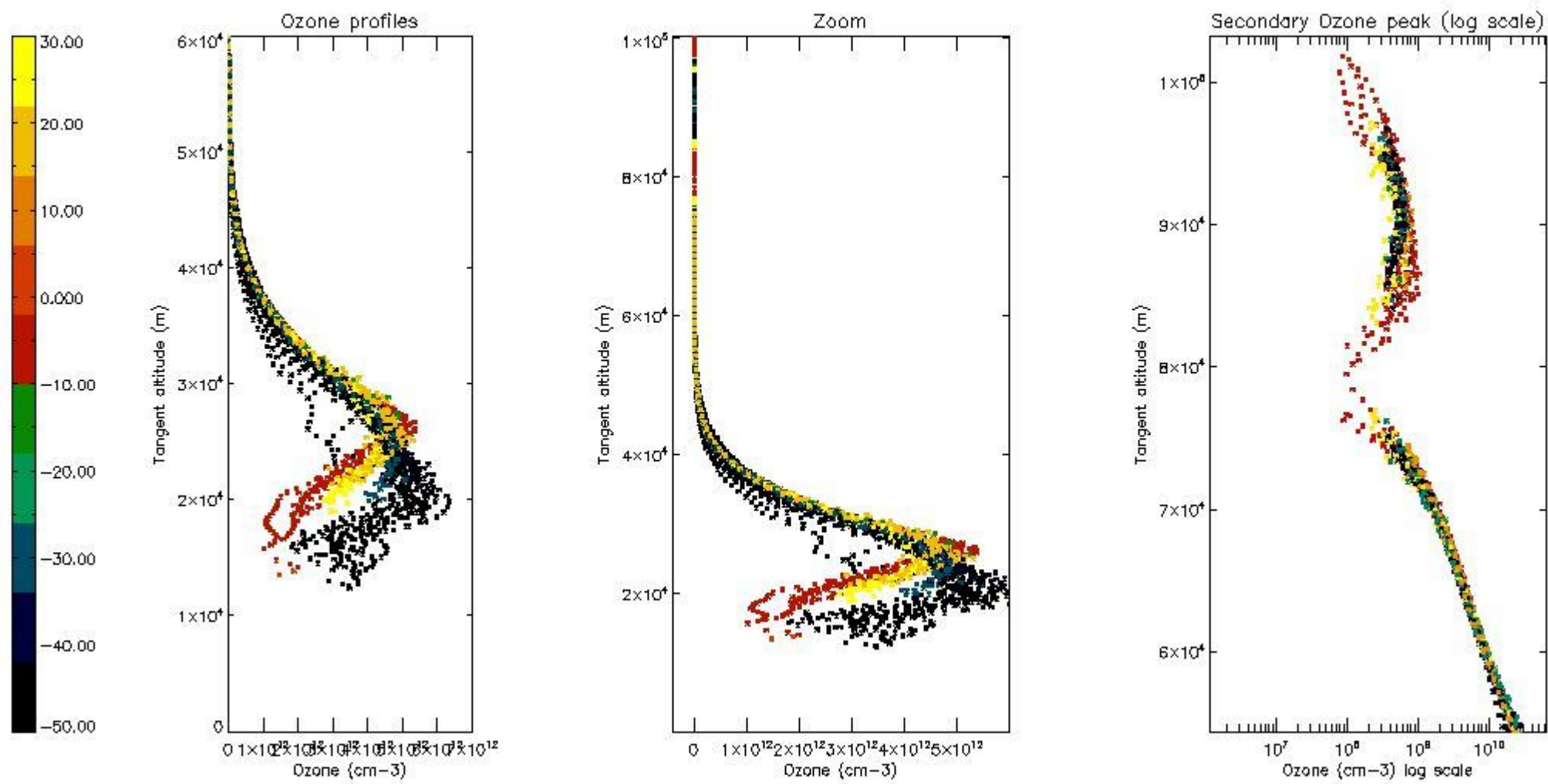
The colorbar represents the latitude.



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

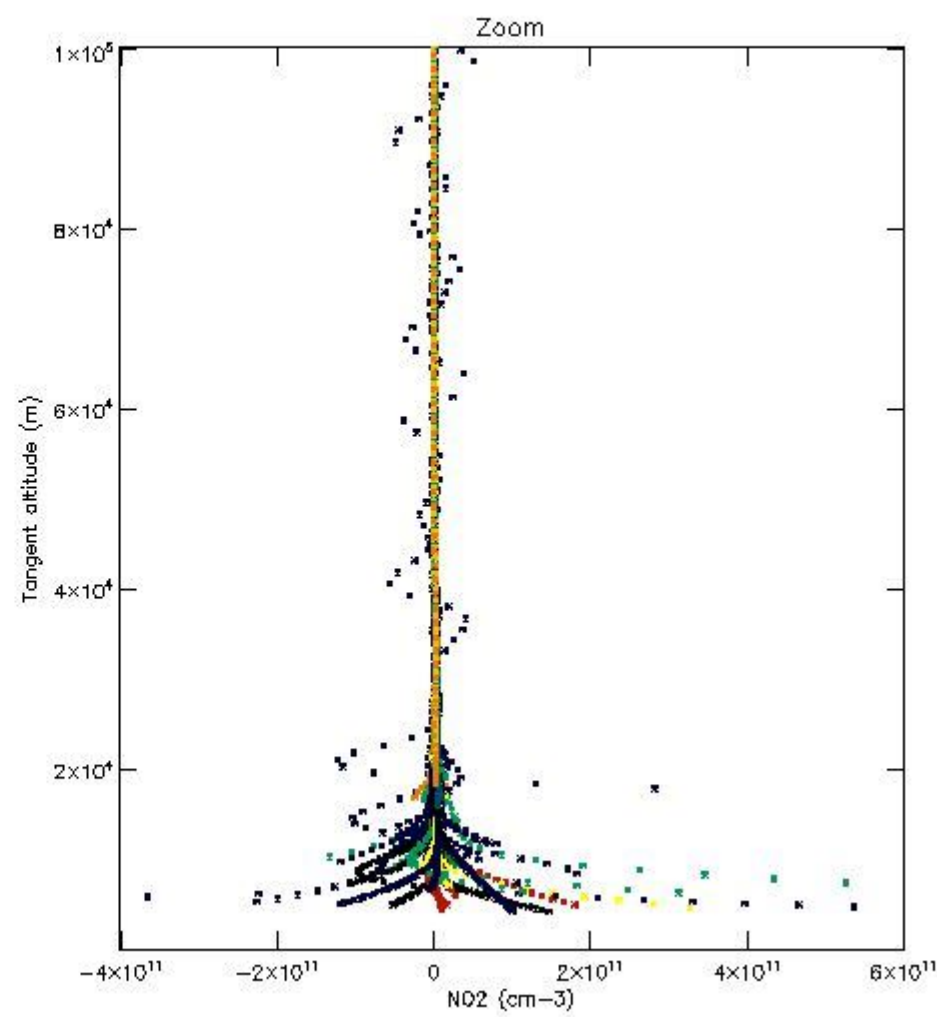
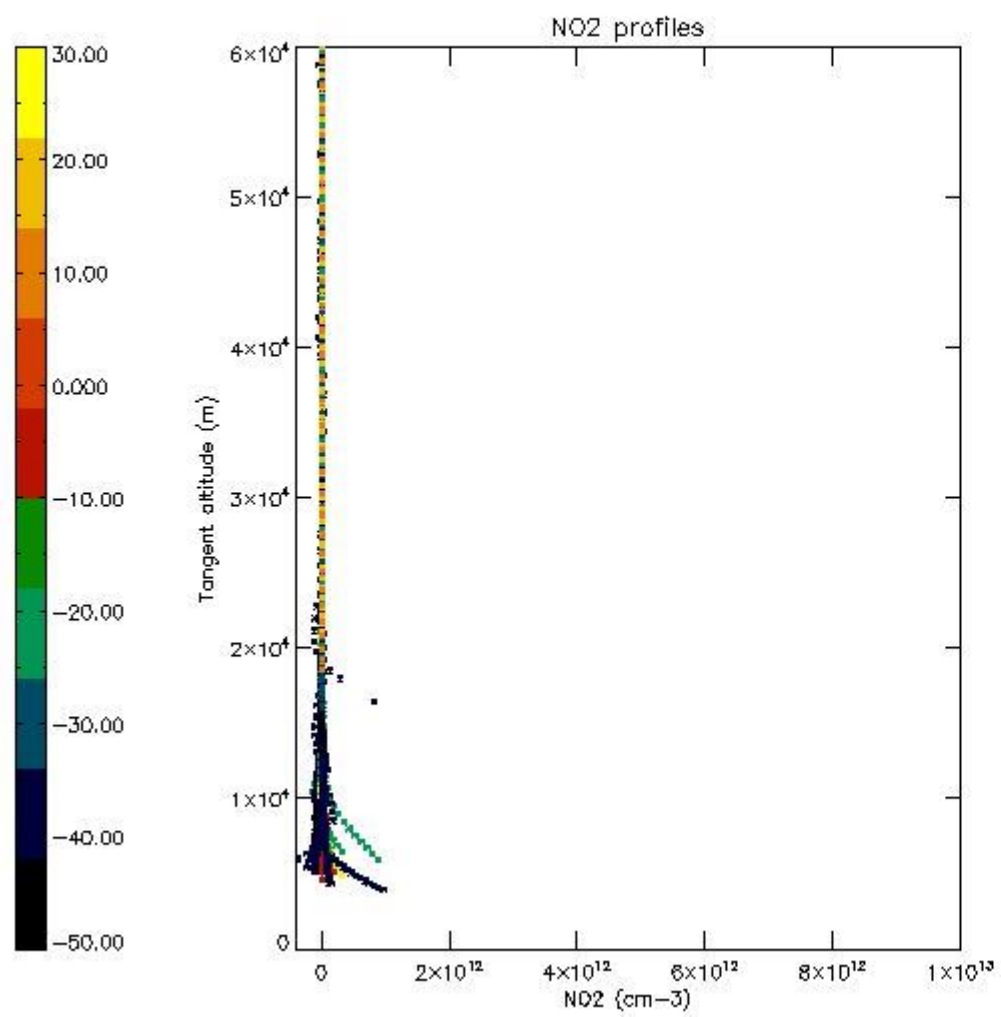
The colorbar represents the latitude.





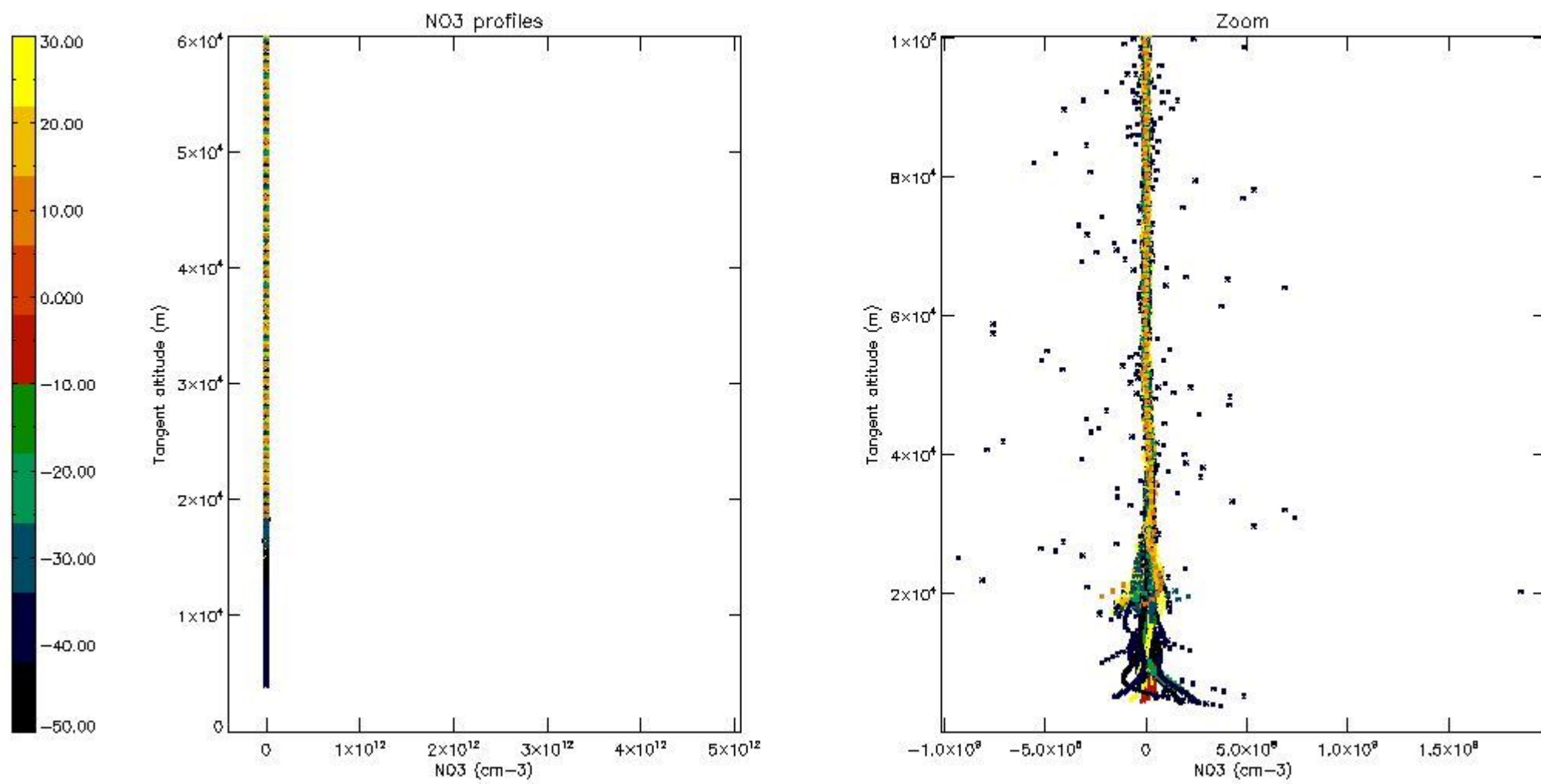
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

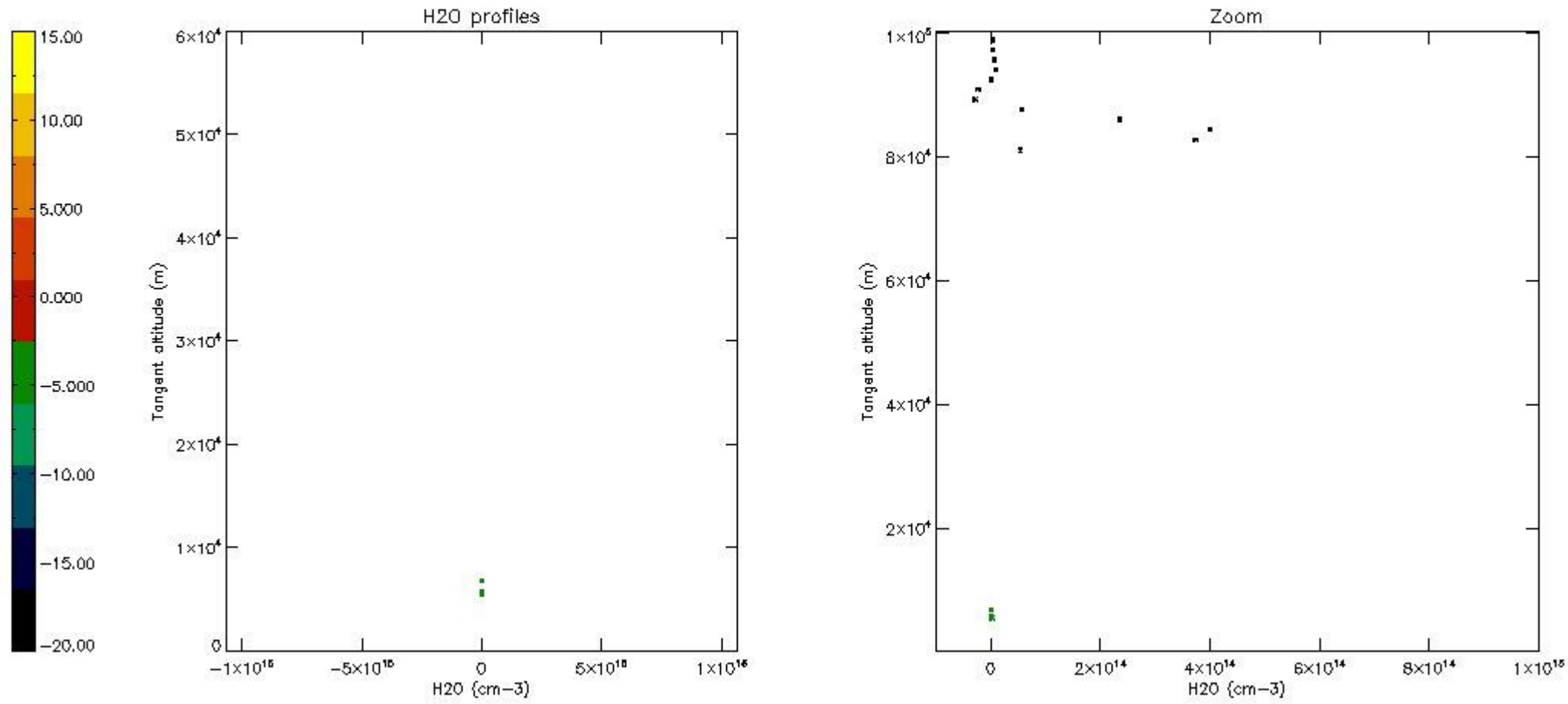
The colorbar represents the latitude.



*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                  | 07-OCT-2003 00:01:25    |
| LEVEL-2_PROC_CONFIG       | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1                  | 07-OCT-2003 00:01:25    |
| CROSS_SECTIONS_FILE       | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1                  | 07-OCT-2003 00:01:25    |

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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

#### [5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

| Item                      | Value                           |
|---------------------------|---------------------------------|
| Time of report generation | 19APR2013 21:21:34              |
| Data source version       | GOMOS/6.01                      |
| Start time of products    | 07-10-2003 (07OCT2003 00:00:00) |
| Stop time of products     | 08-10-2003 (08OCT2003 00:00:00) |
| Store outputs in DB       | Yes                             |
| Nb of level 2 prods       | 400                             |
| 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__2PRFIN20031007_000125_000001522020_00302_08372_0411.N1 | 07-OCT-2003 00:01:25 | Straylight | 152.00   | 170     | 27Eps Gem | 3.0000   | 9700.0    | 304     | 8372  | No          |
| 2  | GOM_NL__2PRFIN20031007_000735_000001032020_00302_08372_0412.N1 | 07-OCT-2003 00:07:35 | Dark       | 103.00   | 8       | 10Alp CMi | 0.40000  | 6500.0    | 206     | 8372  | No          |
| 3  | GOM_NL__2PRFIN20031007_001608_000000472020_00302_08372_0413.N1 | 07-OCT-2003 00:16:08 | Dark       | 47.000   | 65      | Lam Vel   | 2.2040   | 4400.0    | 94      | 8372  | No          |
| 4  | GOM_NL__2PRFIN20031007_001946_000000412020_00302_08372_0414.N1 | 07-OCT-2003 00:19:46 | Dark       | 40.500   | 71      | lot Car   | 2.2460   | 7700.0    | 81      | 8372  | No          |
| 5  | GOM_NL__2PRFIN20031007_002059_000000522020_00303_08373_0387.N1 | 07-OCT-2003 00:20:59 | Dark       | 52.000   | 41      | Eps Car   | 1.8600   | 4100.0    | 104     | 8373  | No          |
| 6  | GOM_NL__2PRFIN20031007_002222_000000412020_00303_08373_0388.N1 | 07-OCT-2003 00:22:22 | Dark       | 41.000   | 29      | Bet Car   | 1.6720   | 10200.    | 82      | 8373  | No          |
| 7  | GOM_NL__2PRFIN20031007_002420_000000612020_00303_08373_0389.N1 | 07-OCT-2003 00:24:20 | Dark       | 61.000   | 2       | Alp Car   | -0.73600 | 7000.0    | 122     | 8373  | No          |
| 8  | GOM_NL__2PRFIN20031007_002736_000000652020_00303_08373_0390.N1 | 07-OCT-2003 00:27:36 | Dark       | 65.000   | 108     | Alp Col   | 2.6520   | 15200.    | 130     | 8373  | No          |
| 9  | GOM_NL__2PRFIN20031007_003042_000000402020_00303_08373_0391.N1 | 07-OCT-2003 00:30:42 | Dark       | 39.500   | 135     | Bet Hyi   | 2.8200   | 5800.0    | 79      | 8373  | No          |
| 10 | GOM_NL__2PRFIN20031007_003310_000000412020_00303_08373_0392.N1 | 07-OCT-2003 00:33:10 | Dark       | 41.000   | 143     | Alp Hyi   | 2.8570   | 7200.0    | 82      | 8373  | No          |
| 11 | GOM_NL__2PRFIN20031007_003438_000000472020_00303_08373_0393.N1 | 07-OCT-2003 00:34:38 | Dark       | 46.500   | 9       | Alp Eri   | 0.45300  | 24000.    | 93      | 8373  | No          |
| 12 | GOM_NL__2PRFIN20031007_003639_000000512020_00303_08373_0394.N1 | 07-OCT-2003 00:36:39 | Straylight | 51.000   | 157     | The1Eri   | 2.9060   | 9300.0    | 102     | 8373  | No          |
| 13 | GOM_NL__2PRFIN20031007_003951_000000462020_00303_08373_0395.N1 | 07-OCT-2003 00:39:51 | Straylight | 45.500   | 84      | Alp Phe   | 2.3970   | 4500.0    | 91      | 8373  | No          |
| 14 | GOM_NL__2PRFIN20031007_004424_000000472020_00303_08373_0396.N1 | 07-OCT-2003 00:44:24 | Straylight | 46.500   | 18      | 24Alp PsA | 1.1660   | 9700.0    | 93      | 8373  | No          |
| 15 | GOM_NL__2PRFIN20031007_004638_000000492020_00303_08373_0397.N1 | 07-OCT-2003 00:46:38 | Straylight | 49.000   | 52      | 16Bet Cet | 2.0370   | 4500.0    | 98      | 8373  | No          |
| 16 | GOM_NL__2PRFIN20031007_004921_000002152020_00303_08373_0398.N1 | 07-OCT-2003 00:49:21 | Bright     | 215.00   | 165     | 34Gam Eri | 2.9500   | 3200.0    | 430     | 8373  | No          |
| 17 | GOM_NL__2PRFIN20031007_005644_000000382020_00303_08373_0399.N1 | 07-OCT-2003 00:56:44 | Bright     | 37.500   | 90      | 54Alp Peg | 2.4870   | 11000.    | 75      | 8373  | No          |
| 18 | GOM_NL__2PRFIN20031007_010019_000000382020_00303_08373_0400.N1 | 07-OCT-2003 01:00:19 | Bright     | 38.000   | 93      | 53Bet Peg | 2.5200   | 3100.0    | 76      | 8373  | No          |
| 19 | GOM_NL__2PRFIN20031007_010401_000000442020_00303_08373_0401.N1 | 07-OCT-2003 01:04:01 | Bright     | 43.500   | 53      | 43Bet And | 2.0480   | 3300.0    | 87      | 8373  | No          |
| 20 | GOM_NL__2PRFIN20031007_010639_000000532020_00303_08373_0402.N1 | 07-OCT-2003 01:06:39 | Bright     | 53.000   | 173     | 4Bet Tri  | 3.0040   | 8900.0    | 106     | 8373  | No          |
| 21 | GOM_NL__2PRFIN20031007_010908_000000372020_00303_08373_0403.N1 | 07-OCT-2003 01:09:08 | Bright     | 37.000   | 68      | 18Alp Cas | 2.2250   | 4500.0    | 74      | 8373  | No          |
| 22 | GOM_NL__2PRFIN20031007_011033_000000402020_00303_08373_0404.N1 | 07-OCT-2003 01:10:33 | Bright     | 39.500   | 76      | 27Gam Cas | 2.3000   | 30000.    | 79      | 8373  | No          |
| 23 | GOM_NL__2PRFIN20031007_011345_000000502020_00303_08373_0405.N1 | 07-OCT-2003 01:13:45 | Bright     | 49.500   | 160     | 23Gam Per | 2.9300   | 4700.0    | 99      | 8373  | No          |
| 24 | GOM_NL__2PRFIN20031007_011736_000000392020_00303_08373_0406.N1 | 07-OCT-2003 01:17:36 | Bright     | 38.500   | 49      | 1Alp UMi  | 1.9900   | 6300.0    | 77      | 8373  | No          |
| 25 | GOM_NL__2PRFIN20031007_012002_000000412020_00303_08373_0407.N1 | 07-OCT-2003 01:20:02 | Bright     | 40.500   | 60      | 7Bet UMi  | 2.0810   | 3950.0    | 81      | 8373  | No          |
| 26 | GOM_NL__2PRFIN20031007_012543_000000382020_00303_08373_0408.N1 | 07-OCT-2003 01:25:43 | Bright     | 38.000   | 36      | 50Alp UMa | 1.8000   | 6300.0    | 76      | 8373  | No          |
| 27 | GOM_NL__2PRFIN20031007_012714_000000382020_00303_08373_0409.N1 | 07-OCT-2003 01:27:14 | Bright     | 37.500   | 82      | 48Bet UMa | 2.3650   | 10600.    | 75      | 8373  | No          |
| 28 | GOM_NL__2PRFIN20031007_013030_000000432020_00303_08373_0410.N1 | 07-OCT-2003 01:30:30 | Bright     | 42.500   | 174     | 52Psi UMa | 3.0040   | 4400.0    | 85      | 8373  | No          |
| 29 | GOM_NL__2PRFIN20031007_013556_000000652020_00303_08373_0411.N1 | 07-OCT-2003 01:35:56 | Bright     | 65.000   | 24      | 66Alp Gem | 1.5800   | 10200.    | 130     | 8373  | No          |
| 30 | GOM_NL__2PRFIN20031007_014202_000001502020_00303_08373_0412.N1 | 07-OCT-2003 01:42:02 | Straylight | 150.00   | 170     | 27Eps Gem | 3.0000   | 9700.0    | 300     | 8373  | No          |
| 31 | GOM_NL__2PRFIN20031007_014812_000000872020_00303_08373_0413.N1 | 07-OCT-2003 01:48:12 | Dark       | 86.500   | 8       | 10Alp CMi | 0.40000  | 6500.0    | 173     | 8373  | No          |
| 32 | GOM_NL__2PRFIN20031007_015448_000000532020_00303_08373_0414.N1 | 07-OCT-2003 01:54:48 | Dark       | 52.500   | 132     | 15Rho Pup | 2.8030   | 6900.0    | 105     | 8373  | No          |
| 33 | GOM_NL__2PRFIN20031007_015645_000000542020_00303_08373_0415.N1 | 07-OCT-2003 01:56:45 | Dark       | 54.000   | 65      | Lam Vel   | 2.2040   | 4400.0    | 108     | 8373  | No          |
| 34 | GOM_NL__2PRFIN20031007_020023_000000402020_00303_08373_0416.N1 | 07-OCT-2003 02:00:23 | Dark       | 40.000   | 71      | lot Car   | 2.2460   | 7700.0    | 80      | 8373  | No          |
| 35 | GOM_NL__2PRFIN20031007_020135_000000472020_00304_08374_0498.N1 | 07-OCT-2003 02:01:35 | Dark       | 47.000   | 41      | Eps Car   | 1.8600   | 4100.0    | 94      | 8374  | No          |
| 36 | GOM_NL__2PRFIN20031007_020258_000000402020_00304_08374_0499.N1 | 07-OCT-2003 02:02:58 | Dark       | 39.500   | 29      | Bet Car   | 1.6720   | 10200.    | 79      | 8374  | No          |
| 37 | GOM_NL__2PRFIN20031007_020457_000000502020_00304_08374_0500.N1 | 07-OCT-2003 02:04:57 | Dark       | 49.500   | 2       | Alp Car   | -0.73600 | 7000.0    | 99      | 8374  | No          |
| 38 | GOM_NL__2PRFIN20031007_020814_000000652020_00304_08374_0501.N1 | 07-OCT-2003 02:08:14 | Dark       | 64.500   | 108     | Alp Col   | 2.6520   | 15200.    | 129     | 8374  | No          |
| 39 | GOM_NL__2PRFIN20031007_021119_000000402020_00304_08374_0502.N1 | 07-OCT-2003 02:11:19 | Dark       | 39.500   | 135     | Bet Hyi   | 2.8200   | 5800.0    | 79      | 8374  | No          |
| 40 | GOM_NL__2PRFIN20031007_021347_000000422020_00304_08374_0503.N1 | 07-OCT-2003 02:13:47 | Dark       | 42.000   | 143     | Alp Hyi   | 2.8570   | 7200.0    | 84      | 8374  | No          |
| 41 | GOM_NL__2PRFIN20031007_021514_000000472020_00304_08374_0504.N1 | 07-OCT-2003 02:15:14 | Dark       | 47.000   | 9       | Alp Eri   | 0.45300  | 24000.    | 94      | 8374  | No          |
| 42 | GOM_NL__2PRFIN20031007_021716_000000492020_00304_08374_0505.N1 | 07-OCT-2003 02:17:16 | Straylight | 49.000   | 157     | The1Eri   | 2.9060   | 9300.0    | 98      | 8374  | No          |



|     |  |                      |            |        |     |           |          |        |     |      |    |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|------|----|
| 43  | GOM_NL__2PRFIN20031007_022028_000000472020_00304_08374_0506.N1 | 07-OCT-2003 02:20:28 | Straylight | 47.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 94  | 8374 | No |
| 44  | GOM_NL__2PRFIN20031007_022500_000000452020_00304_08374_0507.N1 | 07-OCT-2003 02:25:00 | Straylight | 44.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 89  | 8374 | No |
| 45  | GOM_NL__2PRFIN20031007_022714_000000502020_00304_08374_0508.N1 | 07-OCT-2003 02:27:14 | Straylight | 50.000 | 52  | 16Bet Cet | 2.0370   | 4500.0 | 100 | 8374 | No |
| 46  | GOM_NL__2PRFIN20031007_022956_000002152020_00304_08374_0509.N1 | 07-OCT-2003 02:29:56 | Bright     | 215.00 | 165 | 34Gam Eri | 2.9500   | 3200.0 | 430 | 8374 | No |
| 47  | GOM_NL__2PRFIN20031007_023720_000000362020_00304_08374_0510.N1 | 07-OCT-2003 02:37:20 | Bright     | 36.000 | 90  | 54Alp Peg | 2.4870   | 11000. | 72  | 8374 | No |
| 48  | GOM_NL__2PRFIN20031007_024055_000000402020_00304_08374_0511.N1 | 07-OCT-2003 02:40:55 | Bright     | 40.000 | 93  | 53Bet Peg | 2.5200   | 3100.0 | 80  | 8374 | No |
| 49  | GOM_NL__2PRFIN20031007_024436_000000462020_00304_08374_0512.N1 | 07-OCT-2003 02:44:36 | Bright     | 45.500 | 53  | 43Bet And | 2.0480   | 3300.0 | 91  | 8374 | No |
| 50  | GOM_NL__2PRFIN20031007_024714_000000532020_00304_08374_0513.N1 | 07-OCT-2003 02:47:14 | Bright     | 53.000 | 173 | 4Bet Tri  | 3.0040   | 8900.0 | 106 | 8374 | No |
| 51  | GOM_NL__2PRFIN20031007_024943_000000392020_00304_08374_0514.N1 | 07-OCT-2003 02:49:43 | Bright     | 38.500 | 68  | 18Alp Cas | 2.2250   | 4500.0 | 77  | 8374 | No |
| 52  | GOM_NL__2PRFIN20031007_025109_000000402020_00304_08374_0515.N1 | 07-OCT-2003 02:51:09 | Bright     | 39.500 | 76  | 27Gam Cas | 2.3000   | 30000. | 79  | 8374 | No |
| 53  | GOM_NL__2PRFIN20031007_025420_000000502020_00304_08374_0516.N1 | 07-OCT-2003 02:54:20 | Bright     | 50.000 | 160 | 23Gam Per | 2.9300   | 4700.0 | 100 | 8374 | No |
| 54  | GOM_NL__2PRFIN20031007_025810_000000392020_00304_08374_0517.N1 | 07-OCT-2003 02:58:10 | Bright     | 38.500 | 49  | 1Alp UMi  | 1.9900   | 6300.0 | 77  | 8374 | No |
| 55  | GOM_NL__2PRFIN20031007_030037_000000402020_00304_08374_0518.N1 | 07-OCT-2003 03:00:37 | Bright     | 39.500 | 60  | 7Bet UMi  | 2.0810   | 3950.0 | 79  | 8374 | No |
| 56  | GOM_NL__2PRFIN20031007_030618_000000402020_00304_08374_0519.N1 | 07-OCT-2003 03:06:18 | Bright     | 39.500 | 36  | 50Alp UMa | 1.8000   | 6300.0 | 79  | 8374 | No |
| 57  | GOM_NL__2PRFIN20031007_030750_000000372020_00304_08374_0520.N1 | 07-OCT-2003 03:07:50 | Bright     | 36.500 | 82  | 48Bet UMa | 2.3650   | 10600. | 73  | 8374 | No |
| 58  | GOM_NL__2PRFIN20031007_031105_000000372020_00304_08374_0521.N1 | 07-OCT-2003 03:11:05 | Bright     | 36.500 | 174 | 52Psi UMa | 3.0040   | 4400.0 | 73  | 8374 | No |
| 59  | GOM_NL__2PRFIN20031007_031632_000000662020_00304_08374_0522.N1 | 07-OCT-2003 03:16:32 | Bright     | 65.500 | 24  | 66Alp Gem | 1.5800   | 10200. | 131 | 8374 | No |
| 60  | GOM_NL__2PRFIN20031007_032240_000001572020_00304_08374_0523.N1 | 07-OCT-2003 03:22:40 | Straylight | 157.00 | 170 | 27Eps Gem | 3.0000   | 9700.0 | 314 | 8374 | No |
| 61  | GOM_NL__2PRFIN20031007_032849_000001012020_00304_08374_0524.N1 | 07-OCT-2003 03:28:49 | Dark       | 101.00 | 8   | 10Alp CMi | 0.40000  | 6500.0 | 202 | 8374 | No |
| 62  | GOM_NL__2PRFIN20031007_033525_000000522020_00304_08374_0525.N1 | 07-OCT-2003 03:35:25 | Dark       | 51.500 | 132 | 15Rho Pup | 2.8030   | 6900.0 | 103 | 8374 | No |
| 63  | GOM_NL__2PRFIN20031007_033721_000000472020_00304_08374_0526.N1 | 07-OCT-2003 03:37:21 | Dark       | 46.500 | 65  | Lam Vel   | 2.2040   | 4400.0 | 93  | 8374 | No |
| 64  | GOM_NL__2PRFIN20031007_034057_000000412020_00304_08374_0527.N1 | 07-OCT-2003 03:40:57 | Dark       | 41.000 | 71  | lot Car   | 2.2460   | 7700.0 | 82  | 8374 | No |
| 65  | GOM_NL__2PRFIN20031007_034209_000000532020_00305_08375_0388.N1 | 07-OCT-2003 03:42:09 | Dark       | 52.500 | 41  | Eps Car   | 1.8600   | 4100.0 | 105 | 8375 | No |
| 66  | GOM_NL__2PRFIN20031007_034532_000000552020_00305_08375_0389.N1 | 07-OCT-2003 03:45:32 | Dark       | 55.000 | 2   | Alp Car   | -0.73600 | 7000.0 | 110 | 8375 | No |
| 67  | GOM_NL__2PRFIN20031007_034850_000000662020_00305_08375_0390.N1 | 07-OCT-2003 03:48:50 | Dark       | 66.000 | 108 | Alp Col   | 2.6520   | 15200. | 132 | 8375 | No |
| 68  | GOM_NL__2PRFIN20031007_035154_000000392020_00305_08375_0391.N1 | 07-OCT-2003 03:51:54 | Dark       | 39.000 | 135 | Bet Hyi   | 2.8200   | 5800.0 | 78  | 8375 | No |
| 69  | GOM_NL__2PRFIN20031007_035422_000000422020_00305_08375_0392.N1 | 07-OCT-2003 03:54:22 | Dark       | 42.000 | 143 | Alp Hyi   | 2.8570   | 7200.0 | 84  | 8375 | No |
| 70  | GOM_NL__2PRFIN20031007_035551_000000472020_00305_08375_0393.N1 | 07-OCT-2003 03:55:51 | Dark       | 47.000 | 9   | Alp Eri   | 0.45300  | 24000. | 94  | 8375 | No |
| 71  | GOM_NL__2PRFIN20031007_035752_000000512020_00305_08375_0394.N1 | 07-OCT-2003 03:57:52 | Straylight | 51.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 102 | 8375 | No |
| 72  | GOM_NL__2PRFIN20031007_040103_000000462020_00305_08375_0395.N1 | 07-OCT-2003 04:01:03 | Straylight | 46.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 92  | 8375 | No |
| 73  | GOM_NL__2PRFIN20031007_040536_000000452020_00305_08375_0396.N1 | 07-OCT-2003 04:05:36 | Straylight | 44.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 89  | 8375 | No |
| 74  | GOM_NL__2PRFIN20031007_040749_000000492020_00305_08375_0397.N1 | 07-OCT-2003 04:07:49 | Straylight | 49.000 | 52  | 16Bet Cet | 2.0370   | 4500.0 | 98  | 8375 | No |
| 75  | GOM_NL__2PRFIN20031007_041030_000002152020_00305_08375_0398.N1 | 07-OCT-2003 04:10:30 | Bright     | 215.00 | 165 | 34Gam Eri | 2.9500   | 3200.0 | 430 | 8375 | No |
| 76  | GOM_NL__2PRFIN20031007_041753_000000412020_00305_08375_0399.N1 | 07-OCT-2003 04:17:53 | Bright     | 40.500 | 140 | 88Gam Peg | 2.8340   | 26000. | 81  | 8375 | No |
| 77  | GOM_NL__2PRFIN20031007_042130_000000412020_00305_08375_0400.N1 | 07-OCT-2003 04:21:30 | Bright     | 41.000 | 93  | 53Bet Peg | 2.5200   | 3100.0 | 82  | 8375 | No |
| 78  | GOM_NL__2PRFIN20031007_042512_000000432020_00305_08375_0401.N1 | 07-OCT-2003 04:25:12 | Bright     | 43.000 | 53  | 43Bet And | 2.0480   | 3300.0 | 86  | 8375 | No |
| 79  | GOM_NL__2PRFIN20031007_042749_000000542020_00305_08375_0402.N1 | 07-OCT-2003 04:27:49 | Bright     | 53.500 | 173 | 4Bet Tri  | 3.0040   | 8900.0 | 107 | 8375 | No |
| 80  | GOM_NL__2PRFIN20031007_043018_000000422020_00305_08375_0403.N1 | 07-OCT-2003 04:30:18 | Bright     | 41.500 | 68  | 18Alp Cas | 2.2250   | 4500.0 | 83  | 8375 | No |
| 81  | GOM_NL__2PRFIN20031007_043144_000000412020_00305_08375_0404.N1 | 07-OCT-2003 04:31:44 | Bright     | 40.500 | 76  | 27Gam Cas | 2.3000   | 30000. | 81  | 8375 | No |
| 82  | GOM_NL__2PRFIN20031007_043454_000000512020_00305_08375_0405.N1 | 07-OCT-2003 04:34:54 | Bright     | 51.000 | 160 | 23Gam Per | 2.9300   | 4700.0 | 102 | 8375 | No |
| 83  | GOM_NL__2PRFIN20031007_043848_000000382020_00305_08375_0406.N1 | 07-OCT-2003 04:38:48 | Bright     | 38.000 | 49  | 1Alp UMi  | 1.9900   | 6300.0 | 76  | 8375 | No |
| 84  | GOM_NL__2PRFIN20031007_044115_000000412020_00305_08375_0407.N1 | 07-OCT-2003 04:41:15 | Bright     | 41.000 | 60  | 7Bet UMi  | 2.0810   | 3950.0 | 82  | 8375 | No |
| 85  | GOM_NL__2PRFIN20031007_044654_000000392020_00305_08375_0408.N1 | 07-OCT-2003 04:46:54 | Bright     | 39.000 | 36  | 50Alp UMa | 1.8000   | 6300.0 | 78  | 8375 | No |
| 86  | GOM_NL__2PRFIN20031007_044826_000000362020_00305_08375_0409.N1 | 07-OCT-2003 04:48:26 | Bright     | 36.000 | 82  | 48Bet UMa | 2.3650   | 10600. | 72  | 8375 | No |
| 87  | GOM_NL__2PRFIN20031007_045143_000000352020_00305_08375_0410.N1 | 07-OCT-2003 04:51:43 | Bright     | 35.000 | 174 | 52Psi UMa | 3.0040   | 4400.0 | 70  | 8375 | No |
| 88  | GOM_NL__2PRFIN20031007_045708_000000692020_00305_08375_0411.N1 | 07-OCT-2003 04:57:08 | Bright     | 68.500 | 24  | 66Alp Gem | 1.5800   | 10200. | 137 | 8375 | No |
| 89  | GOM_NL__2PRFIN20031007_050132_000000362020_00305_08375_0412.N1 | 07-OCT-2003 05:01:32 | Bright     | 35.500 | 22  | 32Alp Leo | 1.3600   | 15200. | 71  | 8375 | No |
| 90  | GOM_NL__2PRFIN20031007_050317_000001582020_00305_08375_0413.N1 | 07-OCT-2003 05:03:17 | Straylight | 157.50 | 170 | 27Eps Gem | 3.0000   | 9700.0 | 315 | 8375 | No |
| 91  | GOM_NL__2PRFIN20031007_050927_000000842020_00305_08375_0414.N1 | 07-OCT-2003 05:09:27 | Dark       | 84.000 | 8   | 10Alp CMi | 0.40000  | 6500.0 | 168 | 8375 | No |
| 92  | GOM_NL__2PRFIN20031007_051602_000000502020_00305_08375_0415.N1 | 07-OCT-2003 05:16:02 | Dark       | 50.000 | 132 | 15Rho Pup | 2.8030   | 6900.0 | 100 | 8375 | No |
| 93  | GOM_NL__2PRFIN20031007_051757_000000452020_00305_08375_0416.N1 | 07-OCT-2003 05:17:57 | Dark       | 45.000 | 65  | Lam Vel   | 2.2040   | 4400.0 | 90  | 8375 | No |
| 94  | GOM_NL__2PRFIN20031007_052216_000000912020_00306_08376_0417.N1 | 07-OCT-2003 05:22:16 | Dark       | 90.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 181 | 8376 | No |
| 95  | GOM_NL__2PRFIN20031007_052608_000000612020_00306_08376_0389.N1 | 07-OCT-2003 05:26:08 | Dark       | 61.000 | 2   | Alp Car   | -0.73600 | 7000.0 | 122 | 8376 | No |
| 96  | GOM_NL__2PRFIN20031007_052928_000000672020_00306_08376_0390.N1 | 07-OCT-2003 05:29:28 | Dark       | 66.500 | 108 | Alp Col   | 2.6520   | 15200. | 133 | 8376 | No |
| 97  | GOM_NL__2PRFIN20031007_053230_000000402020_00306_08376_0391.N1 | 07-OCT-2003 05:32:30 | Dark       | 40.000 | 135 | Bet Hyi   | 2.8200   | 5800.0 | 80  | 8376 | No |
| 98  | GOM_NL__2PRFIN20031007_053459_000000402020_00306_08376_0392.N1 | 07-OCT-2003 05:34:59 | Dark       | 40.000 | 143 | Alp Hyi   | 2.8570   | 7200.0 | 80  | 8376 | No |
| 99  | GOM_NL__2PRFIN20031007_053627_000000472020_00306_08376_0393.N1 | 07-OCT-2003 05:36:27 | Dark       | 46.500 | 9   | Alp Eri   | 0.45300  | 24000. | 93  | 8376 | No |
| 100 | GOM_NL__2PRFIN20031007_053829_000000522020_00306_08376_0394.N1 | 07-OCT-2003 05:38:29 | Straylight | 52.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 104 | 8376 | No |
| 101 | GOM_NL__2PRFIN20031007_054139_000000442020_00306_08376_0395.N1 | 07-OCT-2003 05:41:39 | Straylight | 43.500 | 84  | Alp Phe   | 2.3970   | 4500.0 | 87  | 8376 | No |

|     |  |                      |            |        |     |           |          |        |     |      |    |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|------|----|
| 102 | GOM_NL__2PRFIN20031007_054612_000000432020_00306_08376_0396.N1 | 07-OCT-2003 05:46:12 | Straylight | 42.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 85  | 8376 | No |
| 103 | GOM_NL__2PRFIN20031007_054825_000000482020_00306_08376_0397.N1 | 07-OCT-2003 05:48:25 | Straylight | 48.000 | 52  | 16Bet Cet | 2.0370   | 4500.0 | 96  | 8376 | No |
| 104 | GOM_NL__2PRFIN20031007_055105_000002152020_00306_08376_9272.N1 | 07-OCT-2003 05:51:05 | Bright     | 215.00 | 165 | 34Gam Eri | 2.9500   | 3200.0 | 430 | 8376 | No |
| 105 | GOM_NL__2PRFIN20031007_055829_000000402020_00306_08376_9273.N1 | 07-OCT-2003 05:58:29 | Bright     | 39.500 | 140 | 88Gam Peg | 2.8340   | 26000. | 79  | 8376 | No |
| 106 | GOM_NL__2PRFIN20031007_060206_000000422020_00306_08376_9274.N1 | 07-OCT-2003 06:02:06 | Bright     | 41.500 | 93  | 53Bet Peg | 2.5200   | 3100.0 | 83  | 8376 | No |
| 107 | GOM_NL__2PRFIN20031007_060547_000000462020_00306_08376_9275.N1 | 07-OCT-2003 06:05:47 | Bright     | 45.500 | 53  | 43Bet And | 2.0480   | 3300.0 | 91  | 8376 | No |
| 108 | GOM_NL__2PRFIN20031007_060824_000000542020_00306_08376_9276.N1 | 07-OCT-2003 06:08:24 | Bright     | 54.000 | 173 | 4Bet Tri  | 3.0040   | 8900.0 | 108 | 8376 | No |
| 109 | GOM_NL__2PRFIN20031007_061054_000000432020_00306_08376_9277.N1 | 07-OCT-2003 06:10:54 | Bright     | 42.500 | 68  | 18Alp Cas | 2.2250   | 4500.0 | 85  | 8376 | No |
| 110 | GOM_NL__2PRFIN20031007_061220_000000402020_00306_08376_9278.N1 | 07-OCT-2003 06:12:20 | Bright     | 40.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 80  | 8376 | No |
| 111 | GOM_NL__2PRFIN20031007_061529_000000512020_00306_08376_9279.N1 | 07-OCT-2003 06:15:29 | Bright     | 50.500 | 160 | 23Gam Per | 2.9300   | 4700.0 | 101 | 8376 | No |
| 112 | GOM_NL__2PRFIN20031007_061924_000000392020_00306_08376_9280.N1 | 07-OCT-2003 06:19:24 | Bright     | 38.500 | 49  | 1Alp UMi  | 1.9900   | 6300.0 | 77  | 8376 | No |
| 113 | GOM_NL__2PRFIN20031007_062151_000000392020_00306_08376_9281.N1 | 07-OCT-2003 06:21:51 | Bright     | 38.500 | 60  | 7Bet UMi  | 2.0810   | 3950.0 | 77  | 8376 | No |
| 114 | GOM_NL__2PRFIN20031007_062730_000000382020_00306_08376_9282.N1 | 07-OCT-2003 06:27:30 | Bright     | 37.500 | 36  | 50Alp UMa | 1.8000   | 6300.0 | 75  | 8376 | No |
| 115 | GOM_NL__2PRFIN20031007_062902_000000382020_00306_08376_9283.N1 | 07-OCT-2003 06:29:02 | Bright     | 38.000 | 82  | 48Bet UMa | 2.3650   | 10600. | 76  | 8376 | No |
| 116 | GOM_NL__2PRFIN20031007_063219_000000362020_00306_08376_9284.N1 | 07-OCT-2003 06:32:19 | Bright     | 36.000 | 174 | 52Psi UMa | 3.0040   | 4400.0 | 72  | 8376 | No |
| 117 | GOM_NL__2PRFIN20031007_063744_000000662020_00306_08376_9285.N1 | 07-OCT-2003 06:37:44 | Bright     | 65.500 | 24  | 66Alp Gem | 1.5800   | 10200. | 131 | 8376 | No |
| 118 | GOM_NL__2PRFIN20031007_064209_000000352020_00306_08376_9286.N1 | 07-OCT-2003 06:42:09 | Bright     | 35.000 | 22  | 32Alp Leo | 1.3600   | 15200. | 70  | 8376 | No |
| 119 | GOM_NL__2PRFIN20031007_064355_000001672020_00306_08376_9287.N1 | 07-OCT-2003 06:43:55 | Straylight | 167.00 | 170 | 27Eps Gem | 3.0000   | 9700.0 | 334 | 8376 | No |
| 120 | GOM_NL__2PRFIN20031007_065004_000000922020_00306_08376_9288.N1 | 07-OCT-2003 06:50:04 | Dark       | 92.000 | 8   | 10Alp CMi | 0.40000  | 6500.0 | 184 | 8376 | No |
| 121 | GOM_NL__2PRFIN20031007_065639_000000502020_00306_08376_9289.N1 | 07-OCT-2003 06:56:39 | Dark       | 50.000 | 132 | 15Rho Pup | 2.8030   | 6900.0 | 100 | 8376 | No |
| 122 | GOM_NL__2PRFIN20031007_065834_000000482020_00306_08376_9290.N1 | 07-OCT-2003 06:58:34 | Dark       | 48.000 | 65  | Lam Vel   | 2.2040   | 4400.0 | 96  | 8376 | No |
| 123 | GOM_NL__2PRFIN20031007_070254_000001082020_00307_08377_9291.N1 | 07-OCT-2003 07:02:54 | Dark       | 107.50 | 1   | 9Alp CMa  | -1.4400  | 11000. | 215 | 8377 | No |
| 124 | GOM_NL__2PRFIN20031007_070647_000000612020_00307_08377_0281.N1 | 07-OCT-2003 07:06:47 | Dark       | 61.000 | 2   | Alp Car   | -0.73600 | 7000.0 | 122 | 8377 | No |
| 125 | GOM_NL__2PRFIN20031007_071006_000000672020_00307_08377_0282.N1 | 07-OCT-2003 07:10:06 | Dark       | 66.500 | 108 | Alp Col   | 2.6520   | 15200. | 133 | 8377 | No |
| 126 | GOM_NL__2PRFIN20031007_071306_000000402020_00307_08377_0283.N1 | 07-OCT-2003 07:13:06 | Dark       | 39.500 | 135 | Bet Hyi   | 2.8200   | 5800.0 | 79  | 8377 | No |
| 127 | GOM_NL__2PRFIN20031007_071535_000000432020_00307_08377_0284.N1 | 07-OCT-2003 07:15:35 | Dark       | 43.000 | 143 | Alp Hyi   | 2.8570   | 7200.0 | 86  | 8377 | No |
| 128 | GOM_NL__2PRFIN20031007_071703_000000512020_00307_08377_0285.N1 | 07-OCT-2003 07:17:03 | Dark       | 51.000 | 9   | Alp Eri   | 0.45300  | 24000. | 102 | 8377 | No |
| 129 | GOM_NL__2PRFIN20031007_071905_000000512020_00307_08377_0286.N1 | 07-OCT-2003 07:19:05 | Straylight | 51.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 102 | 8377 | No |
| 130 | GOM_NL__2PRFIN20031007_072215_000000462020_00307_08377_0287.N1 | 07-OCT-2003 07:22:15 | Straylight | 45.500 | 84  | Alp Phe   | 2.3970   | 4500.0 | 91  | 8377 | No |
| 131 | GOM_NL__2PRFIN20031007_072648_000000472020_00307_08377_0288.N1 | 07-OCT-2003 07:26:48 | Straylight | 46.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 93  | 8377 | No |
| 132 | GOM_NL__2PRFIN20031007_072901_000000492020_00307_08377_0289.N1 | 07-OCT-2003 07:29:01 | Straylight | 48.500 | 52  | 16Bet Cet | 2.0370   | 4500.0 | 97  | 8377 | No |
| 133 | GOM_NL__2PRFIN20031007_073140_000002152020_00307_08377_0290.N1 | 07-OCT-2003 07:31:40 | Bright     | 215.00 | 165 | 34Gam Eri | 2.9500   | 3200.0 | 430 | 8377 | No |
| 134 | GOM_NL__2PRFIN20031007_073904_000000412020_00307_08377_0291.N1 | 07-OCT-2003 07:39:04 | Bright     | 41.000 | 140 | 88Gam Peg | 2.8340   | 26000. | 82  | 8377 | No |
| 135 | GOM_NL__2PRFIN20031007_074242_000000382020_00307_08377_0292.N1 | 07-OCT-2003 07:42:42 | Bright     | 37.500 | 93  | 53Bet Peg | 2.5200   | 3100.0 | 75  | 8377 | No |
| 136 | GOM_NL__2PRFIN20031007_074623_000000452020_00307_08377_0293.N1 | 07-OCT-2003 07:46:23 | Bright     | 45.000 | 53  | 43Bet And | 2.0480   | 3300.0 | 90  | 8377 | No |
| 137 | GOM_NL__2PRFIN20031007_074859_000000532020_00307_08377_0294.N1 | 07-OCT-2003 07:48:59 | Bright     | 53.000 | 173 | 4Bet Tri  | 3.0040   | 8900.0 | 106 | 8377 | No |
| 138 | GOM_NL__2PRFIN20031007_075130_000000412020_00307_08377_0295.N1 | 07-OCT-2003 07:51:30 | Bright     | 40.500 | 68  | 18Alp Cas | 2.2250   | 4500.0 | 81  | 8377 | No |
| 139 | GOM_NL__2PRFIN20031007_075255_000000392020_00307_08377_0296.N1 | 07-OCT-2003 07:52:55 | Bright     | 39.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 78  | 8377 | No |
| 140 | GOM_NL__2PRFIN20031007_075605_000000512020_00307_08377_0297.N1 | 07-OCT-2003 07:56:05 | Bright     | 51.000 | 160 | 23Gam Per | 2.9300   | 4700.0 | 102 | 8377 | No |
| 141 | GOM_NL__2PRFIN20031007_080000_000000352020_00307_08377_0298.N1 | 07-OCT-2003 08:00:00 | Bright     | 34.500 | 49  | 1Alp UMi  | 1.9900   | 6300.0 | 69  | 8377 | No |
| 142 | GOM_NL__2PRFIN20031007_080227_000000372020_00307_08377_0299.N1 | 07-OCT-2003 08:02:27 | Bright     | 36.500 | 60  | 7Bet UMi  | 2.0810   | 3950.0 | 73  | 8377 | No |
| 143 | GOM_NL__2PRFIN20031007_080806_000000392020_00307_08377_0300.N1 | 07-OCT-2003 08:08:06 | Bright     | 38.500 | 36  | 50Alp UMa | 1.8000   | 6300.0 | 77  | 8377 | No |
| 144 | GOM_NL__2PRFIN20031007_080938_000000382020_00307_08377_0301.N1 | 07-OCT-2003 08:09:38 | Bright     | 37.500 | 82  | 48Bet UMa | 2.3650   | 10600. | 75  | 8377 | No |
| 145 | GOM_NL__2PRFIN20031007_081255_000000372020_00307_08377_0302.N1 | 07-OCT-2003 08:12:55 | Bright     | 37.000 | 174 | 52Psi UMa | 3.0040   | 4400.0 | 74  | 8377 | No |
| 146 | GOM_NL__2PRFIN20031007_081821_000000662020_00307_08377_0303.N1 | 07-OCT-2003 08:18:21 | Bright     | 66.000 | 24  | 66Alp Gem | 1.5800   | 10200. | 132 | 8377 | No |
| 147 | GOM_NL__2PRFIN20031007_082245_000000382020_00307_08377_0304.N1 | 07-OCT-2003 08:22:45 | Bright     | 37.500 | 22  | 32Alp Leo | 1.3600   | 15200. | 75  | 8377 | No |
| 148 | GOM_NL__2PRFIN20031007_082433_000001712020_00307_08377_0305.N1 | 07-OCT-2003 08:24:33 | Straylight | 171.00 | 170 | 27Eps Gem | 3.0000   | 9700.0 | 342 | 8377 | No |
| 149 | GOM_NL__2PRFIN20031007_083042_000000852020_00307_08377_0306.N1 | 07-OCT-2003 08:30:42 | Dark       | 84.500 | 8   | 10Alp CMi | 0.40000  | 6500.0 | 169 | 8377 | No |
| 150 | GOM_NL__2PRFIN20031007_083716_000000552020_00307_08377_0307.N1 | 07-OCT-2003 08:37:16 | Dark       | 55.000 | 132 | 15Rho Pup | 2.8030   | 6900.0 | 110 | 8377 | No |
| 151 | GOM_NL__2PRFIN20031007_083910_000000452020_00307_08377_0308.N1 | 07-OCT-2003 08:39:10 | Dark       | 44.500 | 65  | Lam Vel   | 2.2040   | 4400.0 | 89  | 8377 | No |
| 152 | GOM_NL__2PRFIN20031007_084333_000001002020_00308_08378_0281.N1 | 07-OCT-2003 08:43:33 | Dark       | 100.00 | 1   | 9Alp CMa  | -1.4400  | 11000. | 200 | 8378 | No |
| 153 | GOM_NL__2PRFIN20031007_084724_000000612020_00308_08378_0282.N1 | 07-OCT-2003 08:47:24 | Dark       | 61.000 | 2   | Alp Car   | -0.73600 | 7000.0 | 122 | 8378 | No |
| 154 | GOM_NL__2PRFIN20031007_085044_000000662020_00308_08378_0283.N1 | 07-OCT-2003 08:50:44 | Dark       | 65.500 | 108 | Alp Col   | 2.6520   | 15200. | 131 | 8378 | No |
| 155 | GOM_NL__2PRFIN20031007_085343_000000392020_00308_08378_0284.N1 | 07-OCT-2003 08:53:43 | Dark       | 38.500 | 135 | Bet Hyi   | 2.8200   | 5800.0 | 77  | 8378 | No |
| 156 | GOM_NL__2PRFIN20031007_085612_000000402020_00308_08378_0285.N1 | 07-OCT-2003 08:56:12 | Dark       | 39.500 | 143 | Alp Hyi   | 2.8570   | 7200.0 | 79  | 8378 | No |
| 157 | GOM_NL__2PRFIN20031007_085739_000000542020_00308_08378_0286.N1 | 07-OCT-2003 08:57:39 | Dark       | 54.000 | 9   | Alp Eri   | 0.45300  | 24000. | 108 | 8378 | No |
| 158 | GOM_NL__2PRFIN20031007_085942_000000522020_00308_08378_0287.N1 | 07-OCT-2003 08:59:42 | Straylight | 52.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 104 | 8378 | No |
| 159 | GOM_NL__2PRFIN20031007_090252_000000462020_00308_08378_0288.N1 | 07-OCT-2003 09:02:52 | Straylight | 46.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 92  | 8378 | No |
| 160 | GOM_NL__2PRFIN20031007_090724_000000462020_00308_08378_0289.N1 | 07-OCT-2003 09:07:24 | Straylight | 45.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 91  | 8378 | No |

|     |  |                      |            |        |     |           |         |        |     |      |    |
|-----|--|----------------------|------------|--------|-----|-----------|---------|--------|-----|------|----|
| 161 | GOM_NL__2PRFIN20031007_090938_000000462020_00308_08378_0290.N1 | 07-OCT-2003 09:09:38 | Straylight | 45.500 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 91  | 8378 | No |
| 162 | GOM_NL__2PRFIN20031007_091215_000002152020_00308_08378_0291.N1 | 07-OCT-2003 09:12:15 | Bright     | 215.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 430 | 8378 | No |
| 163 | GOM_NL__2PRFIN20031007_091941_000000392020_00308_08378_0292.N1 | 07-OCT-2003 09:19:41 | Bright     | 39.000 | 140 | 88Gam Peg | 2.8340  | 26000. | 78  | 8378 | No |
| 164 | GOM_NL__2PRFIN20031007_092319_000000402020_00308_08378_0293.N1 | 07-OCT-2003 09:23:19 | Bright     | 40.000 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 80  | 8378 | No |
| 165 | GOM_NL__2PRFIN20031007_092658_000000432020_00308_08378_0294.N1 | 07-OCT-2003 09:26:58 | Bright     | 43.000 | 53  | 43Bet And | 2.0480  | 3300.0 | 86  | 8378 | No |
| 166 | GOM_NL__2PRFIN20031007_092934_000000552020_00308_08378_0295.N1 | 07-OCT-2003 09:29:34 | Bright     | 54.500 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 109 | 8378 | No |
| 167 | GOM_NL__2PRFIN20031007_093206_000000392020_00308_08378_0296.N1 | 07-OCT-2003 09:32:06 | Bright     | 39.000 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 78  | 8378 | No |
| 168 | GOM_NL__2PRFIN20031007_093331_000000402020_00308_08378_0297.N1 | 07-OCT-2003 09:33:31 | Bright     | 40.000 | 76  | 27Gam Cas | 2.3000  | 30000. | 80  | 8378 | No |
| 169 | GOM_NL__2PRFIN20031007_093640_000000502020_00308_08378_0298.N1 | 07-OCT-2003 09:36:40 | Bright     | 50.000 | 160 | 23Gam Per | 2.9300  | 4700.0 | 100 | 8378 | No |
| 170 | GOM_NL__2PRFIN20031007_094036_000000382020_00308_08378_0299.N1 | 07-OCT-2003 09:40:36 | Bright     | 38.000 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 76  | 8378 | No |
| 171 | GOM_NL__2PRFIN20031007_094304_000000382020_00308_08378_0300.N1 | 07-OCT-2003 09:43:04 | Bright     | 38.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 76  | 8378 | No |
| 172 | GOM_NL__2PRFIN20031007_094843_000000382020_00308_08378_0301.N1 | 07-OCT-2003 09:48:43 | Bright     | 38.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 76  | 8378 | No |
| 173 | GOM_NL__2PRFIN20031007_095014_000000382020_00308_08378_0302.N1 | 07-OCT-2003 09:50:14 | Bright     | 37.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 75  | 8378 | No |
| 174 | GOM_NL__2PRFIN20031007_095331_000000342020_00308_08378_0303.N1 | 07-OCT-2003 09:53:31 | Bright     | 34.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 68  | 8378 | No |
| 175 | GOM_NL__2PRFIN20031007_095857_000000662020_00308_08378_0304.N1 | 07-OCT-2003 09:58:57 | Bright     | 66.000 | 24  | 66Alp Gem | 1.5800  | 10200. | 132 | 8378 | No |
| 176 | GOM_NL__2PRFIN20031007_100322_000000362020_00308_08378_0305.N1 | 07-OCT-2003 10:03:22 | Bright     | 36.000 | 22  | 32Alp Leo | 1.3600  | 15200. | 72  | 8378 | No |
| 177 | GOM_NL__2PRFIN20031007_100510_000001632020_00308_08378_0306.N1 | 07-OCT-2003 10:05:10 | Straylight | 163.00 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 326 | 8378 | No |
| 178 | GOM_NL__2PRFIN20031007_101119_000000902020_00308_08378_0307.N1 | 07-OCT-2003 10:11:19 | Dark       | 89.500 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 179 | 8378 | No |
| 179 | GOM_NL__2PRFIN20031007_101753_000000522020_00308_08378_0308.N1 | 07-OCT-2003 10:17:53 | Dark       | 51.500 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 103 | 8378 | No |
| 180 | GOM_NL__2PRFIN20031007_101947_000000542020_00308_08378_0309.N1 | 07-OCT-2003 10:19:47 | Dark       | 54.000 | 65  | Lam Vel   | 2.2040  | 4400.0 | 108 | 8378 | No |
| 181 | GOM_NL__2PRFIN20031007_102411_000000882020_00309_08379_0281.N1 | 07-OCT-2003 10:24:11 | Dark       | 87.500 | 1   | 9Alp CMa  | -1.4400 | 11000. | 175 | 8379 | No |
| 182 | GOM_NL__2PRFIN20031007_120635_000000402020_00310_08380_9275.N1 | 07-OCT-2003 12:06:35 | Dark       | 40.000 | 29  | Bet Car   | 1.6720  | 10200. | 80  | 8380 | No |
| 183 | GOM_NL__2PRFIN20031007_121158_000000662020_00310_08380_9276.N1 | 07-OCT-2003 12:11:58 | Dark       | 66.000 | 108 | Alp Col   | 2.6520  | 15200. | 132 | 8380 | No |
| 184 | GOM_NL__2PRFIN20031007_121455_000000382020_00310_08380_9277.N1 | 07-OCT-2003 12:14:55 | Dark       | 37.500 | 135 | Bet Hyi   | 2.8200  | 5800.0 | 75  | 8380 | No |
| 185 | GOM_NL__2PRFIN20031007_121725_000000402020_00310_08380_9278.N1 | 07-OCT-2003 12:17:25 | Dark       | 40.000 | 143 | Alp Hyi   | 2.8570  | 7200.0 | 80  | 8380 | No |
| 186 | GOM_NL__2PRFIN20031007_121852_000000462020_00310_08380_9279.N1 | 07-OCT-2003 12:18:52 | Dark       | 46.000 | 9   | Alp Eri   | 0.45300 | 24000. | 92  | 8380 | No |
| 187 | GOM_NL__2PRFIN20031007_122055_000000492020_00310_08380_9280.N1 | 07-OCT-2003 12:20:55 | Straylight | 49.000 | 157 | The1Eri   | 2.9060  | 9300.0 | 98  | 8380 | No |
| 188 | GOM_NL__2PRFIN20031007_122405_000000462020_00310_08380_9281.N1 | 07-OCT-2003 12:24:05 | Straylight | 46.000 | 84  | Alp Phe   | 2.3970  | 4500.0 | 92  | 8380 | No |
| 189 | GOM_NL__2PRFIN20031007_122837_000000452020_00310_08380_9282.N1 | 07-OCT-2003 12:28:37 | Straylight | 45.000 | 18  | 24Alp PsA | 1.1660  | 9700.0 | 90  | 8380 | No |
| 190 | GOM_NL__2PRFIN20031007_123050_000000512020_00310_08380_9283.N1 | 07-OCT-2003 12:30:50 | Straylight | 50.500 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 101 | 8380 | No |
| 191 | GOM_NL__2PRFIN20031007_123325_000002142020_00310_08380_9284.N1 | 07-OCT-2003 12:33:25 | Bright     | 214.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 428 | 8380 | No |
| 192 | GOM_NL__2PRFIN20031007_124052_000000392020_00310_08380_9285.N1 | 07-OCT-2003 12:40:52 | Bright     | 39.000 | 140 | 88Gam Peg | 2.8340  | 26000. | 78  | 8380 | No |
| 193 | GOM_NL__2PRFIN20031007_124431_000000392020_00310_08380_9286.N1 | 07-OCT-2003 12:44:31 | Bright     | 38.500 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 77  | 8380 | No |
| 194 | GOM_NL__2PRFIN20031007_124809_000000452020_00310_08380_9287.N1 | 07-OCT-2003 12:48:09 | Bright     | 45.000 | 53  | 43Bet And | 2.0480  | 3300.0 | 90  | 8380 | No |
| 195 | GOM_NL__2PRFIN20031007_125044_000000522020_00310_08380_9288.N1 | 07-OCT-2003 12:50:44 | Bright     | 51.500 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 103 | 8380 | No |
| 196 | GOM_NL__2PRFIN20031007_125317_000000412020_00310_08380_9289.N1 | 07-OCT-2003 12:53:17 | Bright     | 41.000 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 82  | 8380 | No |
| 197 | GOM_NL__2PRFIN20031007_125442_000000412020_00310_08380_9290.N1 | 07-OCT-2003 12:54:42 | Bright     | 40.500 | 76  | 27Gam Cas | 2.3000  | 30000. | 81  | 8380 | No |
| 198 | GOM_NL__2PRFIN20031007_125750_000000512020_00310_08380_9291.N1 | 07-OCT-2003 12:57:50 | Bright     | 50.500 | 160 | 23Gam Per | 2.9300  | 4700.0 | 101 | 8380 | No |
| 199 | GOM_NL__2PRFIN20031007_130148_000000392020_00310_08380_9292.N1 | 07-OCT-2003 13:01:48 | Bright     | 38.500 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 77  | 8380 | No |
| 200 | GOM_NL__2PRFIN20031007_130416_000000382020_00310_08380_9293.N1 | 07-OCT-2003 13:04:16 | Bright     | 38.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 76  | 8380 | No |
| 201 | GOM_NL__2PRFIN20031007_130954_000000392020_00310_08380_9294.N1 | 07-OCT-2003 13:09:54 | Bright     | 39.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 78  | 8380 | No |
| 202 | GOM_NL__2PRFIN20031007_131126_000000362020_00310_08380_9295.N1 | 07-OCT-2003 13:11:26 | Bright     | 36.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 72  | 8380 | No |
| 203 | GOM_NL__2PRFIN20031007_131443_000000352020_00310_08380_9296.N1 | 07-OCT-2003 13:14:43 | Bright     | 34.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 69  | 8380 | No |
| 204 | GOM_NL__2PRFIN20031007_132009_000000652020_00310_08380_9297.N1 | 07-OCT-2003 13:20:09 | Bright     | 64.500 | 24  | 66Alp Gem | 1.5800  | 10200. | 129 | 8380 | No |
| 205 | GOM_NL__2PRFIN20031007_132434_000000392020_00310_08380_9298.N1 | 07-OCT-2003 13:24:34 | Bright     | 39.000 | 22  | 32Alp Leo | 1.3600  | 15200. | 78  | 8380 | No |
| 206 | GOM_NL__2PRFIN20031007_132625_000001562020_00310_08380_9299.N1 | 07-OCT-2003 13:26:25 | Straylight | 156.00 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 312 | 8380 | No |
| 207 | GOM_NL__2PRFIN20031007_133234_000001062020_00310_08380_9300.N1 | 07-OCT-2003 13:32:34 | Dark       | 106.00 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 212 | 8380 | No |
| 208 | GOM_NL__2PRFIN20031007_133906_000000522020_00310_08380_9301.N1 | 07-OCT-2003 13:39:06 | Dark       | 52.000 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 104 | 8380 | No |
| 209 | GOM_NL__2PRFIN20031007_134100_000000472020_00310_08380_9302.N1 | 07-OCT-2003 13:41:00 | Dark       | 46.500 | 65  | Lam Vel   | 2.2040  | 4400.0 | 93  | 8380 | No |
| 210 | GOM_NL__2PRFIN20031007_134240_000000452020_00310_08380_9303.N1 | 07-OCT-2003 13:42:40 | Dark       | 45.000 | 70  | Zet Pup   | 2.2460  | 39000. | 90  | 8380 | No |
| 211 | GOM_NL__2PRFIN20031007_134414_000000422020_00310_08380_9304.N1 | 07-OCT-2003 13:44:14 | Dark       | 42.000 | 46  | Del Vel   | 1.9540  | 10600. | 84  | 8380 | No |
| 212 | GOM_NL__2PRFIN20031007_134550_000000492020_00311_08381_0282.N1 | 07-OCT-2003 13:45:50 | Dark       | 48.500 | 41  | Eps Car   | 1.8600  | 4100.0 | 97  | 8381 | No |
| 213 | GOM_NL__2PRFIN20031007_134712_000000382020_00311_08381_0283.N1 | 07-OCT-2003 13:47:12 | Dark       | 38.000 | 29  | Bet Car   | 1.6720  | 10200. | 76  | 8381 | No |
| 214 | GOM_NL__2PRFIN20031007_135236_000000652020_00311_08381_0284.N1 | 07-OCT-2003 13:52:36 | Dark       | 64.500 | 108 | Alp Col   | 2.6520  | 15200. | 129 | 8381 | No |
| 215 | GOM_NL__2PRFIN20031007_135531_000000402020_00311_08381_0285.N1 | 07-OCT-2003 13:55:31 | Dark       | 40.000 | 135 | Bet Hyi   | 2.8200  | 5800.0 | 80  | 8381 | No |
| 216 | GOM_NL__2PRFIN20031007_135802_000000402020_00311_08381_0286.N1 | 07-OCT-2003 13:58:02 | Dark       | 39.500 | 143 | Alp Hyi   | 2.8570  | 7200.0 | 79  | 8381 | No |
| 217 | GOM_NL__2PRFIN20031007_135929_000000442020_00311_08381_0287.N1 | 07-OCT-2003 13:59:29 | Dark       | 44.000 | 9   | Alp Eri   | 0.45300 | 24000. | 88  | 8381 | No |
| 218 | GOM_NL__2PRFIN20031007_140132_000000482020_00311_08381_0288.N1 | 07-OCT-2003 14:01:32 | Straylight | 48.000 | 157 | The1Eri   | 2.9060  | 9300.0 | 96  | 8381 | No |
| 219 | GOM_NL__2PRFIN20031007_140442_000000452020_00311_08381_0289.N1 | 07-OCT-2003 14:04:42 | Straylight | 45.000 | 84  | Alp Phe   | 2.3970  | 4500.0 | 90  | 8381 | No |



|     |  |                      |            |        |     |           |         |        |     |      |    |
|-----|--|----------------------|------------|--------|-----|-----------|---------|--------|-----|------|----|
| 220 | GOM_NL__2PRFIN20031007_140913_000000392020_00311_08381_0290.N1 | 07-OCT-2003 14:09:13 | Straylight | 38.500 | 18  | 24Alp PsA | 1.1660  | 9700.0 | 77  | 8381 | No |
| 221 | GOM_NL__2PRFIN20031007_141127_000000512020_00311_08381_0291.N1 | 07-OCT-2003 14:11:27 | Straylight | 51.000 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 102 | 8381 | No |
| 222 | GOM_NL__2PRFIN20031007_141400_000002142020_00311_08381_0292.N1 | 07-OCT-2003 14:14:00 | Bright     | 214.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 428 | 8381 | No |
| 223 | GOM_NL__2PRFIN20031007_142129_000000392020_00311_08381_0293.N1 | 07-OCT-2003 14:21:29 | Bright     | 38.500 | 140 | 88Gam Peg | 2.8340  | 26000. | 77  | 8381 | No |
| 224 | GOM_NL__2PRFIN20031007_142508_000000382020_00311_08381_0294.N1 | 07-OCT-2003 14:25:08 | Bright     | 37.500 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 75  | 8381 | No |
| 225 | GOM_NL__2PRFIN20031007_142844_000000492020_00311_08381_0295.N1 | 07-OCT-2003 14:28:44 | Bright     | 48.500 | 53  | 43Bet And | 2.0480  | 3300.0 | 97  | 8381 | No |
| 226 | GOM_NL__2PRFIN20031007_143118_000000512020_00311_08381_0296.N1 | 07-OCT-2003 14:31:18 | Bright     | 51.000 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 102 | 8381 | No |
| 227 | GOM_NL__2PRFIN20031007_143352_000000422020_00311_08381_0297.N1 | 07-OCT-2003 14:33:52 | Bright     | 41.500 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 83  | 8381 | No |
| 228 | GOM_NL__2PRFIN20031007_143517_000000412020_00311_08381_0298.N1 | 07-OCT-2003 14:35:17 | Bright     | 40.500 | 76  | 27Gam Cas | 2.3000  | 30000. | 81  | 8381 | No |
| 229 | GOM_NL__2PRFIN20031007_143824_000000472020_00311_08381_0299.N1 | 07-OCT-2003 14:38:24 | Bright     | 47.000 | 160 | 23Gam Per | 2.9300  | 4700.0 | 94  | 8381 | No |
| 230 | GOM_NL__2PRFIN20031007_144223_000000392020_00311_08381_0300.N1 | 07-OCT-2003 14:42:23 | Bright     | 38.500 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 77  | 8381 | No |
| 231 | GOM_NL__2PRFIN20031007_144449_000000392020_00311_08381_0301.N1 | 07-OCT-2003 14:44:49 | Bright     | 38.500 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 77  | 8381 | No |
| 232 | GOM_NL__2PRFIN20031007_145029_000000402020_00311_08381_0302.N1 | 07-OCT-2003 14:50:29 | Bright     | 39.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 79  | 8381 | No |
| 233 | GOM_NL__2PRFIN20031007_145202_000000372020_00311_08381_0303.N1 | 07-OCT-2003 14:52:02 | Bright     | 37.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 74  | 8381 | No |
| 234 | GOM_NL__2PRFIN20031007_145516_000000402020_00311_08381_0304.N1 | 07-OCT-2003 14:55:16 | Bright     | 39.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 79  | 8381 | No |
| 235 | GOM_NL__2PRFIN20031007_150045_000000662020_00311_08381_0305.N1 | 07-OCT-2003 15:00:45 | Bright     | 65.500 | 24  | 66Alp Gem | 1.5800  | 10200. | 131 | 8381 | No |
| 236 | GOM_NL__2PRFIN20031007_150509_000000472020_00311_08381_0306.N1 | 07-OCT-2003 15:05:09 | Bright     | 46.500 | 22  | 32Alp Leo | 1.3600  | 15200. | 93  | 8381 | No |
| 237 | GOM_NL__2PRFIN20031007_150703_000001642020_00311_08381_0307.N1 | 07-OCT-2003 15:07:03 | Straylight | 164.00 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 328 | 8381 | No |
| 238 | GOM_NL__2PRFIN20031007_151311_000000972020_00311_08381_0308.N1 | 07-OCT-2003 15:13:11 | Dark       | 96.500 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 193 | 8381 | No |
| 239 | GOM_NL__2PRFIN20031007_151943_000000512020_00311_08381_0309.N1 | 07-OCT-2003 15:19:43 | Dark       | 50.500 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 101 | 8381 | No |
| 240 | GOM_NL__2PRFIN20031007_152136_000000462020_00311_08381_0310.N1 | 07-OCT-2003 15:21:36 | Dark       | 46.000 | 65  | Lam Vel   | 2.2040  | 4400.0 | 92  | 8381 | No |
| 241 | GOM_NL__2PRFIN20031007_152316_000000462020_00311_08381_0311.N1 | 07-OCT-2003 15:23:16 | Dark       | 45.500 | 70  | Zet Pup   | 2.2460  | 39000. | 91  | 8381 | No |
| 242 | GOM_NL__2PRFIN20031007_152450_000000422020_00311_08381_0312.N1 | 07-OCT-2003 15:24:50 | Dark       | 42.000 | 46  | Del Vel   | 1.9540  | 10600. | 84  | 8381 | No |
| 243 | GOM_NL__2PRFIN20031007_152623_000000542020_00312_08382_0282.N1 | 07-OCT-2003 15:26:23 | Dark       | 54.000 | 41  | Eps Car   | 1.8600  | 4100.0 | 108 | 8382 | No |
| 244 | GOM_NL__2PRFIN20031007_152747_000000442020_00312_08382_0283.N1 | 07-OCT-2003 15:27:47 | Dark       | 44.000 | 29  | Bet Car   | 1.6720  | 10200. | 88  | 8382 | No |
| 245 | GOM_NL__2PRFIN20031007_153313_000000652020_00312_08382_0284.N1 | 07-OCT-2003 15:33:13 | Dark       | 64.500 | 108 | Alp Col   | 2.6520  | 15200. | 129 | 8382 | No |
| 246 | GOM_NL__2PRFIN20031007_153606_000000402020_00312_08382_0285.N1 | 07-OCT-2003 15:36:06 | Dark       | 39.500 | 135 | Bet Hyi   | 2.8200  | 5800.0 | 79  | 8382 | No |
| 247 | GOM_NL__2PRFIN20031007_153836_000000412020_00312_08382_0286.N1 | 07-OCT-2003 15:38:36 | Dark       | 40.500 | 143 | Alp Hyi   | 2.8570  | 7200.0 | 81  | 8382 | No |
| 248 | GOM_NL__2PRFIN20031007_154005_000000412020_00312_08382_0287.N1 | 07-OCT-2003 15:40:05 | Dark       | 40.500 | 9   | Alp Eri   | 0.45300 | 24000. | 81  | 8382 | No |
| 249 | GOM_NL__2PRFIN20031007_154208_000000512020_00312_08382_0288.N1 | 07-OCT-2003 15:42:08 | Straylight | 51.000 | 157 | The1Eri   | 2.9060  | 9300.0 | 102 | 8382 | No |
| 250 | GOM_NL__2PRFIN20031007_154515_000000482020_00312_08382_0289.N1 | 07-OCT-2003 15:45:15 | Straylight | 47.500 | 84  | Alp Phe   | 2.3970  | 4500.0 | 95  | 8382 | No |
| 251 | GOM_NL__2PRFIN20031007_154949_000000452020_00312_08382_0290.N1 | 07-OCT-2003 15:49:49 | Straylight | 44.500 | 18  | 24Alp PsA | 1.1660  | 9700.0 | 89  | 8382 | No |
| 252 | GOM_NL__2PRFIN20031007_155201_000000482020_00312_08382_0291.N1 | 07-OCT-2003 15:52:01 | Straylight | 48.000 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 96  | 8382 | No |
| 253 | GOM_NL__2PRFIN20031007_155434_000002142020_00312_08382_0292.N1 | 07-OCT-2003 15:54:34 | Bright     | 214.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 428 | 8382 | No |
| 254 | GOM_NL__2PRFIN20031007_160203_000000412020_00312_08382_0293.N1 | 07-OCT-2003 16:02:03 | Bright     | 40.500 | 140 | 88Gam Peg | 2.8340  | 26000. | 81  | 8382 | No |
| 255 | GOM_NL__2PRFIN20031007_160543_000000392020_00312_08382_0294.N1 | 07-OCT-2003 16:05:43 | Bright     | 38.500 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 77  | 8382 | No |
| 256 | GOM_NL__2PRFIN20031007_160920_000000482020_00312_08382_0295.N1 | 07-OCT-2003 16:09:20 | Bright     | 48.000 | 53  | 43Bet And | 2.0480  | 3300.0 | 96  | 8382 | No |
| 257 | GOM_NL__2PRFIN20031007_161153_000000532020_00312_08382_0296.N1 | 07-OCT-2003 16:11:53 | Bright     | 52.500 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 105 | 8382 | No |
| 258 | GOM_NL__2PRFIN20031007_161427_000000402020_00312_08382_0297.N1 | 07-OCT-2003 16:14:27 | Bright     | 40.000 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 80  | 8382 | No |
| 259 | GOM_NL__2PRFIN20031007_161553_000000392020_00312_08382_0298.N1 | 07-OCT-2003 16:15:53 | Bright     | 39.000 | 76  | 27Gam Cas | 2.3000  | 30000. | 78  | 8382 | No |
| 260 | GOM_NL__2PRFIN20031007_161859_000000532020_00312_08382_0299.N1 | 07-OCT-2003 16:18:59 | Bright     | 53.000 | 160 | 23Gam Per | 2.9300  | 4700.0 | 106 | 8382 | No |
| 261 | GOM_NL__2PRFIN20031007_162257_000000412020_00312_08382_0300.N1 | 07-OCT-2003 16:22:57 | Bright     | 40.500 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 81  | 8382 | No |
| 262 | GOM_NL__2PRFIN20031007_162527_000000402020_00312_08382_0301.N1 | 07-OCT-2003 16:25:27 | Bright     | 40.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 80  | 8382 | No |
| 263 | GOM_NL__2PRFIN20031007_163104_000000402020_00312_08382_0302.N1 | 07-OCT-2003 16:31:04 | Bright     | 40.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 80  | 8382 | No |
| 264 | GOM_NL__2PRFIN20031007_163237_000000522020_00312_08382_0303.N1 | 07-OCT-2003 16:32:37 | Bright     | 52.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 104 | 8382 | No |
| 265 | GOM_NL__2PRFIN20031007_163554_000000362020_00312_08382_0304.N1 | 07-OCT-2003 16:35:54 | Bright     | 36.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 72  | 8382 | No |
| 266 | GOM_NL__2PRFIN20031007_164121_000000712020_00312_08382_0305.N1 | 07-OCT-2003 16:41:21 | Bright     | 70.500 | 24  | 66Alp Gem | 1.5800  | 10200. | 141 | 8382 | No |
| 267 | GOM_NL__2PRFIN20031007_164546_000000402020_00312_08382_0306.N1 | 07-OCT-2003 16:45:46 | Bright     | 39.500 | 22  | 32Alp Leo | 1.3600  | 15200. | 79  | 8382 | No |
| 268 | GOM_NL__2PRFIN20031007_164741_000001702020_00312_08382_0307.N1 | 07-OCT-2003 16:47:41 | Straylight | 170.00 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 340 | 8382 | No |
| 269 | GOM_NL__2PRFIN20031007_165348_000000922020_00312_08382_0308.N1 | 07-OCT-2003 16:53:48 | Dark       | 91.500 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 183 | 8382 | No |
| 270 | GOM_NL__2PRFIN20031007_170020_000000542020_00312_08382_0309.N1 | 07-OCT-2003 17:00:20 | Dark       | 53.500 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 107 | 8382 | No |
| 271 | GOM_NL__2PRFIN20031007_170210_000000522020_00312_08382_0310.N1 | 07-OCT-2003 17:02:10 | Dark       | 51.500 | 65  | Lam Vel   | 2.2040  | 4400.0 | 103 | 8382 | No |
| 272 | GOM_NL__2PRFIN20031007_170352_000000482020_00312_08382_0311.N1 | 07-OCT-2003 17:03:52 | Dark       | 47.500 | 70  | Zet Pup   | 2.2460  | 39000. | 95  | 8382 | No |
| 273 | GOM_NL__2PRFIN20031007_170524_000000442020_00312_08382_0312.N1 | 07-OCT-2003 17:05:24 | Dark       | 44.000 | 46  | Del Vel   | 1.9540  | 10600. | 88  | 8382 | No |
| 274 | GOM_NL__2PRFIN20031007_170700_000000452020_00313_08383_0344.N1 | 07-OCT-2003 17:07:00 | Dark       | 45.000 | 41  | Eps Car   | 1.8600  | 4100.0 | 90  | 8383 | No |
| 275 | GOM_NL__2PRFIN20031007_170823_000000412020_00313_08383_0345.N1 | 07-OCT-2003 17:08:23 | Dark       | 40.500 | 29  | Bet Car   | 1.6720  | 10200. | 81  | 8383 | No |
| 276 | GOM_NL__2PRFIN20031007_171351_000000682020_00313_08383_0346.N1 | 07-OCT-2003 17:13:51 | Dark       | 68.000 | 108 | Alp Col   | 2.6520  | 15200. | 136 | 8383 | No |
| 277 | GOM_NL__2PRFIN20031007_171643_000000402020_00313_08383_0347.N1 | 07-OCT-2003 17:16:43 | Dark       | 39.500 | 135 | Bet Hyi   | 2.8200  | 5800.0 | 79  | 8383 | No |
| 278 | GOM_NL__2PRFIN20031007_171913_000000412020_00313_08383_0348.N1 | 07-OCT-2003 17:19:13 | Dark       | 40.500 | 143 | Alp Hyi   | 2.8570  | 7200.0 | 81  | 8383 | No |

|     |   |                      |            |        |     |           |         |        |     |      |    |
|-----|---|----------------------|------------|--------|-----|-----------|---------|--------|-----|------|----|
| 279 | GOM_NL__2PRFIN20031007_172040_000000502020_00313_08383_0349.N1  | 07-OCT-2003 17:20:40 | Dark       | 49.500 | 9   | Alp Eri   | 0.45300 | 24000. | 99  | 8383 | No |
| 280 | GOM_NL__2PRFIN20031007_172245_000000492020_00313_08383_0350.N1  | 07-OCT-2003 17:22:45 | Straylight | 48.500 | 157 | The1Eri   | 2.9060  | 9300.0 | 97  | 8383 | No |
| 281 | GOM_NL__2PRFIN20031007_172552_000000472020_00313_08383_0351.N1  | 07-OCT-2003 17:25:52 | Straylight | 47.000 | 84  | Alp Phe   | 2.3970  | 4500.0 | 94  | 8383 | No |
| 282 | GOM_NL__2PRFIN20031007_173025_000000442020_00313_08383_0352.N1  | 07-OCT-2003 17:30:25 | Straylight | 44.000 | 18  | 24Alp PsA | 1.1660  | 9700.0 | 88  | 8383 | No |
| 283 | GOM_NL__2PRFIN20031007_173238_000000492020_00313_08383_0353.N1  | 07-OCT-2003 17:32:38 | Straylight | 48.500 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 97  | 8383 | No |
| 284 | GOM_NL__2PRFIN20031007_173509_0000002142020_00313_08383_0354.N1 | 07-OCT-2003 17:35:09 | Bright     | 214.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 428 | 8383 | No |
| 285 | GOM_NL__2PRFIN20031007_174239_000000402020_00313_08383_0355.N1  | 07-OCT-2003 17:42:39 | Bright     | 40.000 | 140 | 88Gam Peg | 2.8340  | 26000. | 80  | 8383 | No |
| 286 | GOM_NL__2PRFIN20031007_174618_000000402020_00313_08383_0356.N1  | 07-OCT-2003 17:46:18 | Bright     | 40.000 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 80  | 8383 | No |
| 287 | GOM_NL__2PRFIN20031007_174954_000000452020_00313_08383_0357.N1  | 07-OCT-2003 17:49:54 | Bright     | 45.000 | 53  | 43Bet And | 2.0480  | 3300.0 | 90  | 8383 | No |
| 288 | GOM_NL__2PRFIN20031007_175228_000000542020_00313_08383_0358.N1  | 07-OCT-2003 17:52:28 | Bright     | 53.500 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 107 | 8383 | No |
| 289 | GOM_NL__2PRFIN20031007_175504_000000412020_00313_08383_0359.N1  | 07-OCT-2003 17:55:04 | Bright     | 40.500 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 81  | 8383 | No |
| 290 | GOM_NL__2PRFIN20031007_175629_000000412020_00313_08383_0360.N1  | 07-OCT-2003 17:56:29 | Bright     | 41.000 | 76  | 27Gam Cas | 2.3000  | 30000. | 82  | 8383 | No |
| 291 | GOM_NL__2PRFIN20031007_175934_000000522020_00313_08383_0361.N1  | 07-OCT-2003 17:59:34 | Bright     | 51.500 | 160 | 23Gam Per | 2.9300  | 4700.0 | 103 | 8383 | No |
| 292 | GOM_NL__2PRFIN20031007_180335_000000392020_00313_08383_0362.N1  | 07-OCT-2003 18:03:35 | Bright     | 38.500 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 77  | 8383 | No |
| 293 | GOM_NL__2PRFIN20031007_180604_000000402020_00313_08383_0363.N1  | 07-OCT-2003 18:06:04 | Bright     | 40.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 80  | 8383 | No |
| 294 | GOM_NL__2PRFIN20031007_181142_000000402020_00313_08383_0364.N1  | 07-OCT-2003 18:11:42 | Bright     | 39.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 79  | 8383 | No |
| 295 | GOM_NL__2PRFIN20031007_181314_000000362020_00313_08383_0365.N1  | 07-OCT-2003 18:13:14 | Bright     | 36.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 72  | 8383 | No |
| 296 | GOM_NL__2PRFIN20031007_181631_000000382020_00313_08383_0366.N1  | 07-OCT-2003 18:16:31 | Bright     | 37.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 75  | 8383 | No |
| 297 | GOM_NL__2PRFIN20031007_182157_000000702020_00313_08383_0367.N1  | 07-OCT-2003 18:21:57 | Bright     | 70.000 | 24  | 66Alp Gem | 1.5800  | 10200. | 140 | 8383 | No |
| 298 | GOM_NL__2PRFIN20031007_182622_000000382020_00313_08383_0368.N1  | 07-OCT-2003 18:26:22 | Bright     | 38.000 | 22  | 32Alp Leo | 1.3600  | 15200. | 76  | 8383 | No |
| 299 | GOM_NL__2PRFIN20031007_182818_000001732020_00313_08383_0369.N1  | 07-OCT-2003 18:28:18 | Straylight | 172.50 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 345 | 8383 | No |
| 300 | GOM_NL__2PRFIN20031007_183426_000000932020_00313_08383_0370.N1  | 07-OCT-2003 18:34:26 | Dark       | 92.500 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 185 | 8383 | No |
| 301 | GOM_NL__2PRFIN20031007_184058_000000512020_00313_08383_0371.N1  | 07-OCT-2003 18:40:58 | Dark       | 51.000 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 102 | 8383 | No |
| 302 | GOM_NL__2PRFIN20031007_184249_000000452020_00313_08383_0372.N1  | 07-OCT-2003 18:42:49 | Dark       | 44.500 | 65  | Lam Vel   | 2.2040  | 4400.0 | 89  | 8383 | No |
| 303 | GOM_NL__2PRFIN20031007_184427_000000492020_00313_08383_0373.N1  | 07-OCT-2003 18:44:27 | Dark       | 48.500 | 70  | Zet Pup   | 2.2460  | 39000. | 97  | 8383 | No |
| 304 | GOM_NL__2PRFIN20031007_184603_000000412020_00313_08383_0374.N1  | 07-OCT-2003 18:46:03 | Dark       | 41.000 | 46  | Del Vel   | 1.9540  | 10600. | 82  | 8383 | No |
| 305 | GOM_NL__2PRFIN20031007_184738_000000432020_00314_08384_0344.N1  | 07-OCT-2003 18:47:38 | Dark       | 42.500 | 41  | Eps Car   | 1.8600  | 4100.0 | 85  | 8384 | No |
| 306 | GOM_NL__2PRFIN20031007_184859_000000472020_00314_08384_0345.N1  | 07-OCT-2003 18:48:59 | Dark       | 46.500 | 29  | Bet Car   | 1.6720  | 10200. | 93  | 8384 | No |
| 307 | GOM_NL__2PRFIN20031007_185429_000000672020_00314_08384_0346.N1  | 07-OCT-2003 18:54:29 | Dark       | 67.000 | 108 | Alp Col   | 2.6520  | 15200. | 134 | 8384 | No |
| 308 | GOM_NL__2PRFIN20031007_185719_000000392020_00314_08384_0347.N1  | 07-OCT-2003 18:57:19 | Dark       | 38.500 | 135 | Bet Hyi   | 2.8200  | 5800.0 | 77  | 8384 | No |
| 309 | GOM_NL__2PRFIN20031007_185949_000000412020_00314_08384_0348.N1  | 07-OCT-2003 18:59:49 | Dark       | 41.000 | 143 | Alp Hyi   | 2.8570  | 7200.0 | 82  | 8384 | No |
| 310 | GOM_NL__2PRFIN20031007_190116_000000432020_00314_08384_0349.N1  | 07-OCT-2003 19:01:16 | Dark       | 43.000 | 9   | Alp Eri   | 0.45300 | 24000. | 86  | 8384 | No |
| 311 | GOM_NL__2PRFIN20031007_190321_000000472020_00314_08384_0350.N1  | 07-OCT-2003 19:03:21 | Straylight | 47.000 | 157 | The1Eri   | 2.9060  | 9300.0 | 94  | 8384 | No |
| 312 | GOM_NL__2PRFIN20031007_190629_000000442020_00314_08384_0351.N1  | 07-OCT-2003 19:06:29 | Straylight | 44.000 | 84  | Alp Phe   | 2.3970  | 4500.0 | 88  | 8384 | No |
| 313 | GOM_NL__2PRFIN20031007_191101_000000442020_00314_08384_0352.N1  | 07-OCT-2003 19:11:01 | Straylight | 43.500 | 18  | 24Alp PsA | 1.1660  | 9700.0 | 87  | 8384 | No |
| 314 | GOM_NL__2PRFIN20031007_191313_000000492020_00314_08384_0353.N1  | 07-OCT-2003 19:13:13 | Straylight | 49.000 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 98  | 8384 | No |
| 315 | GOM_NL__2PRFIN20031007_191544_0000002142020_00314_08384_0354.N1 | 07-OCT-2003 19:15:44 | Bright     | 214.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 428 | 8384 | No |
| 316 | GOM_NL__2PRFIN20031007_192315_000000402020_00314_08384_0355.N1  | 07-OCT-2003 19:23:15 | Bright     | 40.000 | 140 | 88Gam Peg | 2.8340  | 26000. | 80  | 8384 | No |
| 317 | GOM_NL__2PRFIN20031007_192655_000000402020_00314_08384_0356.N1  | 07-OCT-2003 19:26:55 | Bright     | 40.000 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 80  | 8384 | No |
| 318 | GOM_NL__2PRFIN20031007_193030_000000462020_00314_08384_0357.N1  | 07-OCT-2003 19:30:30 | Bright     | 45.500 | 53  | 43Bet And | 2.0480  | 3300.0 | 91  | 8384 | No |
| 319 | GOM_NL__2PRFIN20031007_193303_000000552020_00314_08384_0358.N1  | 07-OCT-2003 19:33:03 | Bright     | 54.500 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 109 | 8384 | No |
| 320 | GOM_NL__2PRFIN20031007_193540_000000412020_00314_08384_0359.N1  | 07-OCT-2003 19:35:40 | Bright     | 41.000 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 82  | 8384 | No |
| 321 | GOM_NL__2PRFIN20031007_193705_000000422020_00314_08384_0360.N1  | 07-OCT-2003 19:37:05 | Bright     | 42.000 | 76  | 27Gam Cas | 2.3000  | 30000. | 84  | 8384 | No |
| 322 | GOM_NL__2PRFIN20031007_194010_000000512020_00314_08384_0361.N1  | 07-OCT-2003 19:40:10 | Bright     | 50.500 | 160 | 23Gam Per | 2.9300  | 4700.0 | 101 | 8384 | No |
| 323 | GOM_NL__2PRFIN20031007_194411_000000392020_00314_08384_0362.N1  | 07-OCT-2003 19:44:11 | Bright     | 38.500 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 77  | 8384 | No |
| 324 | GOM_NL__2PRFIN20031007_194641_000000372020_00314_08384_0363.N1  | 07-OCT-2003 19:46:41 | Bright     | 37.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 74  | 8384 | No |
| 325 | GOM_NL__2PRFIN20031007_195218_000000362020_00314_08384_0364.N1  | 07-OCT-2003 19:52:18 | Bright     | 36.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 72  | 8384 | No |
| 326 | GOM_NL__2PRFIN20031007_195350_000000362020_00314_08384_0365.N1  | 07-OCT-2003 19:53:50 | Bright     | 35.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 71  | 8384 | No |
| 327 | GOM_NL__2PRFIN20031007_195707_000000382020_00314_08384_0366.N1  | 07-OCT-2003 19:57:07 | Bright     | 37.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 75  | 8384 | No |
| 328 | GOM_NL__2PRFIN20031007_200234_000000682020_00314_08384_0367.N1  | 07-OCT-2003 20:02:34 | Bright     | 67.500 | 24  | 66Alp Gem | 1.5800  | 10200. | 135 | 8384 | No |
| 329 | GOM_NL__2PRFIN20031007_200659_000000402020_00314_08384_0368.N1  | 07-OCT-2003 20:06:59 | Bright     | 39.500 | 22  | 32Alp Leo | 1.3600  | 15200. | 79  | 8384 | No |
| 330 | GOM_NL__2PRFIN20031007_200856_000001742020_00314_08384_0369.N1  | 07-OCT-2003 20:08:56 | Straylight | 174.00 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 348 | 8384 | No |
| 331 | GOM_NL__2PRFIN20031007_201504_000000992020_00314_08384_0370.N1  | 07-OCT-2003 20:15:04 | Dark       | 99.000 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 198 | 8384 | No |
| 332 | GOM_NL__2PRFIN20031007_202135_000000562020_00314_08384_0371.N1  | 07-OCT-2003 20:21:35 | Dark       | 56.000 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 112 | 8384 | No |
| 333 | GOM_NL__2PRFIN20031007_202323_000000522020_00314_08384_0372.N1  | 07-OCT-2003 20:23:23 | Dark       | 51.500 | 65  | Lam Vel   | 2.2040  | 4400.0 | 103 | 8384 | No |
| 334 | GOM_NL__2PRFIN20031007_202506_000000482020_00314_08384_0373.N1  | 07-OCT-2003 20:25:06 | Dark       | 47.500 | 70  | Zet Pup   | 2.2460  | 39000. | 95  | 8384 | No |
| 335 | GOM_NL__2PRFIN20031007_202639_000000412020_00314_08384_0374.N1  | 07-OCT-2003 20:26:39 | Dark       | 40.500 | 46  | Del Vel   | 1.9540  | 10600. | 81  | 8384 | No |
| 336 | GOM_NL__2PRFIN20031007_202814_000000532020_00315_08385_0344.N1  | 07-OCT-2003 20:28:14 | Dark       | 52.500 | 41  | Eps Car   | 1.8600  | 4100.0 | 105 | 8385 | No |
| 337 | GOM_NL__2PRFIN20031007_203506_000000672020_00315_08385_0345.N1  | 07-OCT-2003 20:35:06 | Dark       | 66.500 | 108 | Alp Col   | 2.6520  | 15200. | 133 | 8385 | No |

|     |  |                      |            |        |     |           |         |        |     |      |    |
|-----|--|----------------------|------------|--------|-----|-----------|---------|--------|-----|------|----|
| 338 | GOM_NL__2PRFIN20031007_203755_000000412020_00315_08385_0346.N1 | 07-OCT-2003 20:37:55 | Dark       | 40.500 | 135 | Bet Hyi   | 2.8200  | 5800.0 | 81  | 8385 | No |
| 339 | GOM_NL__2PRFIN20031007_204026_000000422020_00315_08385_0347.N1 | 07-OCT-2003 20:40:26 | Dark       | 41.500 | 143 | Alp Hyi   | 2.8570  | 7200.0 | 83  | 8385 | No |
| 340 | GOM_NL__2PRFIN20031007_204152_000000442020_00315_08385_0348.N1 | 07-OCT-2003 20:41:52 | Dark       | 43.500 | 9   | Alp Eri   | 0.45300 | 24000. | 87  | 8385 | No |
| 341 | GOM_NL__2PRFIN20031007_204358_000000502020_00315_08385_0349.N1 | 07-OCT-2003 20:43:58 | Straylight | 50.000 | 157 | The1Eri   | 2.9060  | 9300.0 | 100 | 8385 | No |
| 342 | GOM_NL__2PRFIN20031007_204705_000000442020_00315_08385_0350.N1 | 07-OCT-2003 20:47:05 | Straylight | 43.500 | 84  | Alp Phe   | 2.3970  | 4500.0 | 87  | 8385 | No |
| 343 | GOM_NL__2PRFIN20031007_205137_000000432020_00315_08385_0351.N1 | 07-OCT-2003 20:51:37 | Straylight | 43.000 | 18  | 24Alp PsA | 1.1660  | 9700.0 | 86  | 8385 | No |
| 344 | GOM_NL__2PRFIN20031007_205350_000000462020_00315_08385_0352.N1 | 07-OCT-2003 20:53:50 | Straylight | 46.000 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 92  | 8385 | No |
| 345 | GOM_NL__2PRFIN20031007_205619_000002142020_00315_08385_0353.N1 | 07-OCT-2003 20:56:19 | Bright     | 214.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 428 | 8385 | No |
| 346 | GOM_NL__2PRFIN20031007_210351_000000412020_00315_08385_0354.N1 | 07-OCT-2003 21:03:51 | Bright     | 40.500 | 140 | 88Gam Peg | 2.8340  | 26000. | 81  | 8385 | No |
| 347 | GOM_NL__2PRFIN20031007_210730_000000392020_00315_08385_0355.N1 | 07-OCT-2003 21:07:30 | Bright     | 39.000 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 78  | 8385 | No |
| 348 | GOM_NL__2PRFIN20031007_211106_000000482020_00315_08385_0356.N1 | 07-OCT-2003 21:11:06 | Bright     | 48.000 | 53  | 43Bet And | 2.0480  | 3300.0 | 96  | 8385 | No |
| 349 | GOM_NL__2PRFIN20031007_211337_000000552020_00315_08385_0357.N1 | 07-OCT-2003 21:13:37 | Bright     | 55.000 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 110 | 8385 | No |
| 350 | GOM_NL__2PRFIN20031007_211614_000000432020_00315_08385_0358.N1 | 07-OCT-2003 21:16:14 | Bright     | 42.500 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 85  | 8385 | No |
| 351 | GOM_NL__2PRFIN20031007_211740_000000412020_00315_08385_0359.N1 | 07-OCT-2003 21:17:40 | Bright     | 41.000 | 76  | 27Gam Cas | 2.3000  | 30000. | 82  | 8385 | No |
| 352 | GOM_NL__2PRFIN20031007_211928_000000652020_00315_08385_0360.N1 | 07-OCT-2003 21:19:28 | Bright     | 65.000 | 79  | 26Bet Per | 2.3100  | 13100. | 130 | 8385 | No |
| 353 | GOM_NL__2PRFIN20031007_212136_000000582020_00315_08385_0361.N1 | 07-OCT-2003 21:21:36 | Bright     | 57.500 | 35  | 33Alp Per | 1.7950  | 6250.0 | 115 | 8385 | No |
| 354 | GOM_NL__2PRFIN20031007_212445_000000412020_00315_08385_0362.N1 | 07-OCT-2003 21:24:45 | Bright     | 41.000 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 82  | 8385 | No |
| 355 | GOM_NL__2PRFIN20031007_212716_000000392020_00315_08385_0363.N1 | 07-OCT-2003 21:27:16 | Bright     | 39.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 78  | 8385 | No |
| 356 | GOM_NL__2PRFIN20031007_213253_000000372020_00315_08385_0364.N1 | 07-OCT-2003 21:32:53 | Bright     | 36.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 73  | 8385 | No |
| 357 | GOM_NL__2PRFIN20031007_213426_000000362020_00315_08385_0365.N1 | 07-OCT-2003 21:34:26 | Bright     | 35.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 71  | 8385 | No |
| 358 | GOM_NL__2PRFIN20031007_213743_000000402020_00315_08385_0366.N1 | 07-OCT-2003 21:37:43 | Bright     | 39.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 79  | 8385 | No |
| 359 | GOM_NL__2PRFIN20031007_214309_000000662020_00315_08385_0367.N1 | 07-OCT-2003 21:43:09 | Bright     | 65.500 | 24  | 66Alp Gem | 1.5800  | 10200. | 131 | 8385 | No |
| 360 | GOM_NL__2PRFIN20031007_214735_000000402020_00315_08385_0368.N1 | 07-OCT-2003 21:47:35 | Bright     | 40.000 | 22  | 32Alp Leo | 1.3600  | 15200. | 80  | 8385 | No |
| 361 | GOM_NL__2PRFIN20031007_214934_000001752020_00315_08385_0369.N1 | 07-OCT-2003 21:49:34 | Straylight | 175.00 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 350 | 8385 | No |
| 362 | GOM_NL__2PRFIN20031007_215541_000001072020_00315_08385_0370.N1 | 07-OCT-2003 21:55:41 | Dark       | 106.50 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 213 | 8385 | No |
| 363 | GOM_NL__2PRFIN20031007_220211_000000512020_00315_08385_0371.N1 | 07-OCT-2003 22:02:11 | Dark       | 50.500 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 101 | 8385 | No |
| 364 | GOM_NL__2PRFIN20031007_220401_000000482020_00315_08385_0372.N1 | 07-OCT-2003 22:04:01 | Dark       | 47.500 | 65  | Lam Vel   | 2.2040  | 4400.0 | 95  | 8385 | No |
| 365 | GOM_NL__2PRFIN20031007_220541_000000482020_00315_08385_0373.N1 | 07-OCT-2003 22:05:41 | Dark       | 48.000 | 70  | Zet Pup   | 2.2460  | 39000. | 96  | 8385 | No |
| 366 | GOM_NL__2PRFIN20031007_220716_000000452020_00315_08385_0374.N1 | 07-OCT-2003 22:07:16 | Dark       | 44.500 | 46  | Del Vel   | 1.9540  | 10600. | 89  | 8385 | No |
| 367 | GOM_NL__2PRFIN20031007_220839_000000392020_00316_08386_0345.N1 | 07-OCT-2003 22:08:39 | Dark       | 39.000 | 159 | Ups Car   | 2.9200  | 7200.0 | 78  | 8386 | No |
| 368 | GOM_NL__2PRFIN20031007_221543_000000652020_00316_08386_0346.N1 | 07-OCT-2003 22:15:43 | Dark       | 65.000 | 108 | Alp Col   | 2.6520  | 15200. | 130 | 8386 | No |
| 369 | GOM_NL__2PRFIN20031007_221831_000000402020_00316_08386_0347.N1 | 07-OCT-2003 22:18:31 | Dark       | 39.500 | 135 | Bet Hyi   | 2.8200  | 5800.0 | 79  | 8386 | No |
| 370 | GOM_NL__2PRFIN20031007_222102_000000412020_00316_08386_0348.N1 | 07-OCT-2003 22:21:02 | Dark       | 41.000 | 143 | Alp Hyi   | 2.8570  | 7200.0 | 82  | 8386 | No |
| 371 | GOM_NL__2PRFIN20031007_222229_000000502020_00316_08386_0349.N1 | 07-OCT-2003 22:22:29 | Dark       | 50.000 | 9   | Alp Eri   | 0.45300 | 24000. | 100 | 8386 | No |
| 372 | GOM_NL__2PRFIN20031007_222434_000000502020_00316_08386_0350.N1 | 07-OCT-2003 22:24:34 | Straylight | 49.500 | 157 | The1Eri   | 2.9060  | 9300.0 | 99  | 8386 | No |
| 373 | GOM_NL__2PRFIN20031007_222741_000000442020_00316_08386_0351.N1 | 07-OCT-2003 22:27:41 | Straylight | 44.000 | 84  | Alp Phe   | 2.3970  | 4500.0 | 88  | 8386 | No |
| 374 | GOM_NL__2PRFIN20031007_223213_000000432020_00316_08386_0352.N1 | 07-OCT-2003 22:32:13 | Straylight | 42.500 | 18  | 24Alp PsA | 1.1660  | 9700.0 | 85  | 8386 | No |
| 375 | GOM_NL__2PRFIN20031007_223426_000000502020_00316_08386_0353.N1 | 07-OCT-2003 22:34:26 | Straylight | 50.000 | 52  | 16Bet Cet | 2.0370  | 4500.0 | 100 | 8386 | No |
| 376 | GOM_NL__2PRFIN20031007_223654_000002142020_00316_08386_0354.N1 | 07-OCT-2003 22:36:54 | Bright     | 214.00 | 165 | 34Gam Eri | 2.9500  | 3200.0 | 428 | 8386 | No |
| 377 | GOM_NL__2PRFIN20031007_224427_000000392020_00316_08386_0355.N1 | 07-OCT-2003 22:44:27 | Bright     | 39.000 | 140 | 88Gam Peg | 2.8340  | 26000. | 78  | 8386 | No |
| 378 | GOM_NL__2PRFIN20031007_224806_000000402020_00316_08386_0356.N1 | 07-OCT-2003 22:48:06 | Bright     | 39.500 | 93  | 53Bet Peg | 2.5200  | 3100.0 | 79  | 8386 | No |
| 379 | GOM_NL__2PRFIN20031007_225142_000000482020_00316_08386_0357.N1 | 07-OCT-2003 22:51:42 | Bright     | 48.000 | 53  | 43Bet And | 2.0480  | 3300.0 | 96  | 8386 | No |
| 380 | GOM_NL__2PRFIN20031007_225412_000000522020_00316_08386_0358.N1 | 07-OCT-2003 22:54:12 | Bright     | 51.500 | 173 | 4Bet Tri  | 3.0040  | 8900.0 | 103 | 8386 | No |
| 381 | GOM_NL__2PRFIN20031007_225650_000000422020_00316_08386_0359.N1 | 07-OCT-2003 22:56:50 | Bright     | 42.000 | 68  | 18Alp Cas | 2.2250  | 4500.0 | 84  | 8386 | No |
| 382 | GOM_NL__2PRFIN20031007_225815_000000422020_00316_08386_0360.N1 | 07-OCT-2003 22:58:15 | Bright     | 41.500 | 76  | 27Gam Cas | 2.3000  | 30000. | 83  | 8386 | No |
| 383 | GOM_NL__2PRFIN20031007_230002_000000662020_00316_08386_0361.N1 | 07-OCT-2003 23:00:02 | Bright     | 65.500 | 79  | 26Bet Per | 2.3100  | 13100. | 131 | 8386 | No |
| 384 | GOM_NL__2PRFIN20031007_230211_000000592020_00316_08386_0362.N1 | 07-OCT-2003 23:02:11 | Bright     | 58.500 | 35  | 33Alp Per | 1.7950  | 6250.0 | 117 | 8386 | No |
| 385 | GOM_NL__2PRFIN20031007_230522_000000402020_00316_08386_0363.N1 | 07-OCT-2003 23:05:22 | Bright     | 39.500 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 79  | 8386 | No |
| 386 | GOM_NL__2PRFIN20031007_230753_000000372020_00316_08386_0364.N1 | 07-OCT-2003 23:07:53 | Bright     | 36.500 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 73  | 8386 | No |
| 387 | GOM_NL__2PRFIN20031007_231330_000000412020_00316_08386_0365.N1 | 07-OCT-2003 23:13:30 | Bright     | 41.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 82  | 8386 | No |
| 388 | GOM_NL__2PRFIN20031007_231502_000000382020_00316_08386_0366.N1 | 07-OCT-2003 23:15:02 | Bright     | 37.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 75  | 8386 | No |
| 389 | GOM_NL__2PRFIN20031007_231819_000000522020_00316_08386_0367.N1 | 07-OCT-2003 23:18:19 | Bright     | 52.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 104 | 8386 | No |
| 390 | GOM_NL__2PRFIN20031007_232346_000000682020_00316_08386_0368.N1 | 07-OCT-2003 23:23:46 | Bright     | 67.500 | 24  | 66Alp Gem | 1.5800  | 10200. | 135 | 8386 | No |
| 391 | GOM_NL__2PRFIN20031007_232811_000000402020_00316_08386_0369.N1 | 07-OCT-2003 23:28:11 | Bright     | 40.000 | 22  | 32Alp Leo | 1.3600  | 15200. | 80  | 8386 | No |
| 392 | GOM_NL__2PRFIN20031007_233012_000001682020_00316_08386_0370.N1 | 07-OCT-2003 23:30:12 | Straylight | 167.50 | 170 | 27Eps Gem | 3.0000  | 9700.0 | 335 | 8386 | No |
| 393 | GOM_NL__2PRFIN20031007_233618_000001052020_00316_08386_0371.N1 | 07-OCT-2003 23:36:18 | Dark       | 104.50 | 8   | 10Alp CMi | 0.40000 | 6500.0 | 209 | 8386 | No |
| 394 | GOM_NL__2PRFIN20031007_234248_000000512020_00316_08386_0372.N1 | 07-OCT-2003 23:42:48 | Dark       | 51.000 | 132 | 15Rho Pup | 2.8030  | 6900.0 | 102 | 8386 | No |
| 395 | GOM_NL__2PRFIN20031007_234437_000000432020_00316_08386_0373.N1 | 07-OCT-2003 23:44:37 | Dark       | 43.000 | 65  | Lam Vel   | 2.2040  | 4400.0 | 86  | 8386 | No |
| 396 | GOM_NL__2PRFIN20031007_234619_000000492020_00316_08386_0374.N1 | 07-OCT-2003 23:46:19 | Dark       | 48.500 | 70  | Zet Pup   | 2.2460  | 39000. | 97  | 8386 | No |

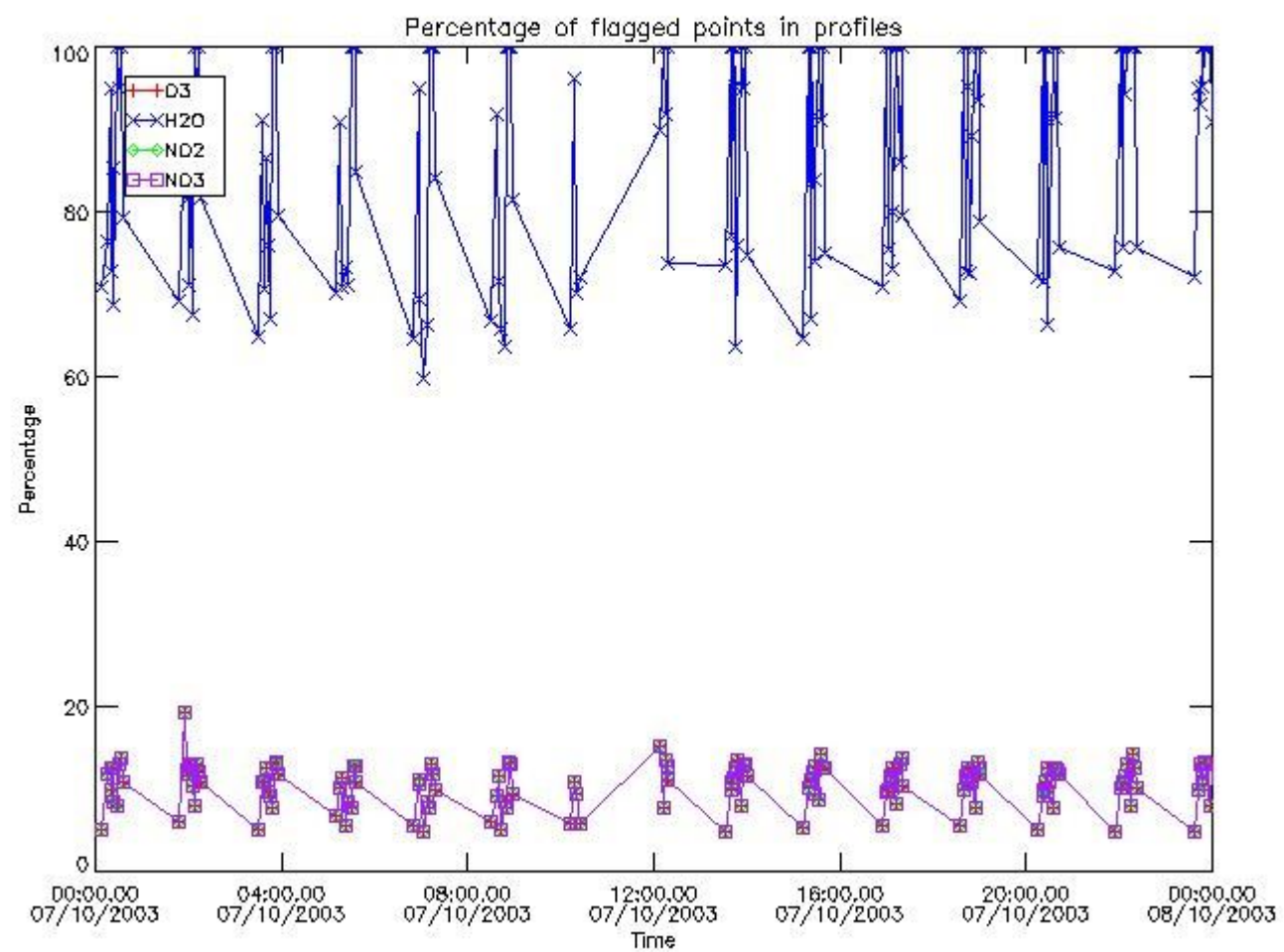


|     |  |                      |      |        |     |         |        |        |     |      |    |
|-----|--|----------------------|------|--------|-----|---------|--------|--------|-----|------|----|
| 397 | GOM_NL__2PRFIN20031007_234753_000000422020_00316_08386_0375.N1 | 07-OCT-2003 23:47:53 | Dark | 41.500 | 46  | Del Vel | 1.9540 | 10600. | 83  | 8386 | No |
| 398 | GOM_NL__2PRFIN20031007_234915_000000392020_00317_08387_0345.N1 | 07-OCT-2003 23:49:15 | Dark | 38.500 | 159 | Ups Car | 2.9200 | 7200.0 | 77  | 8387 | No |
| 399 | GOM_NL__2PRFIN20031007_235621_000000652020_00317_08387_0346.N1 | 07-OCT-2003 23:56:21 | Dark | 64.500 | 108 | Alp Col | 2.6520 | 15200. | 129 | 8387 | No |
| 400 | GOM_NL__2PRFIN20031007_235907_000000392020_00317_08387_0347.N1 | 07-OCT-2003 23:59:07 | Dark | 39.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 78  | 8387 | No |

### 3. Quality information per product

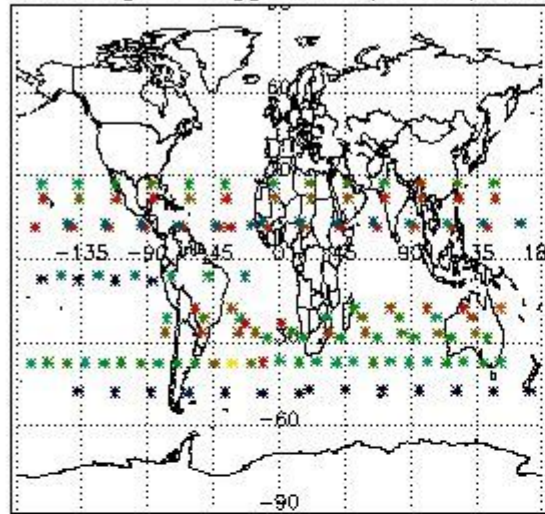
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)

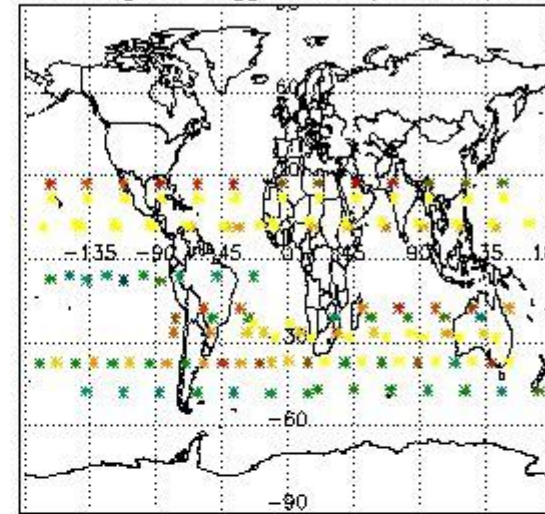


#### 3.2 Plot quality information per product (world map)

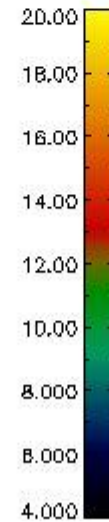
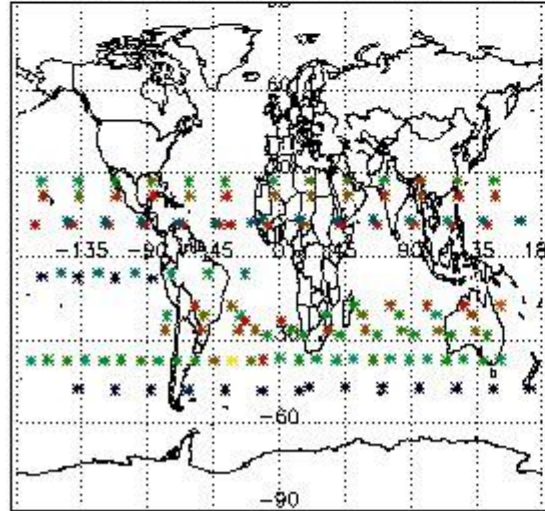
Percentage of flagged data per O3 profile



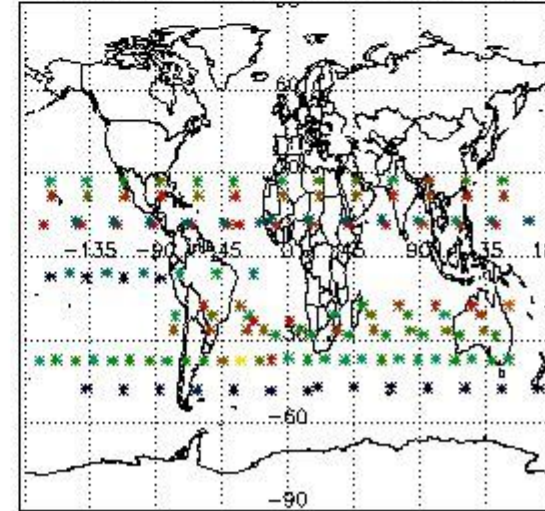
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

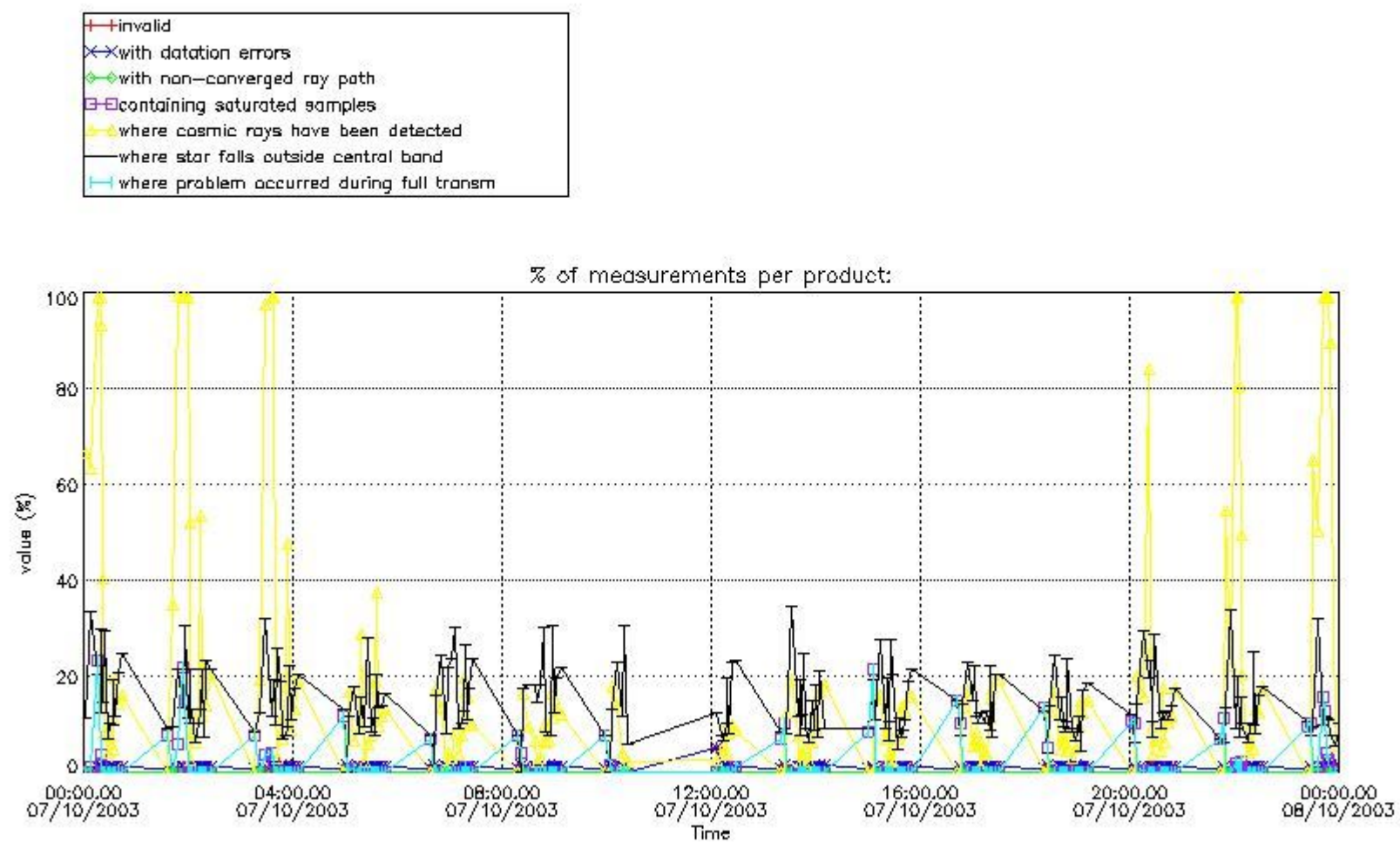


#### 4. Level 1 quality information per product

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

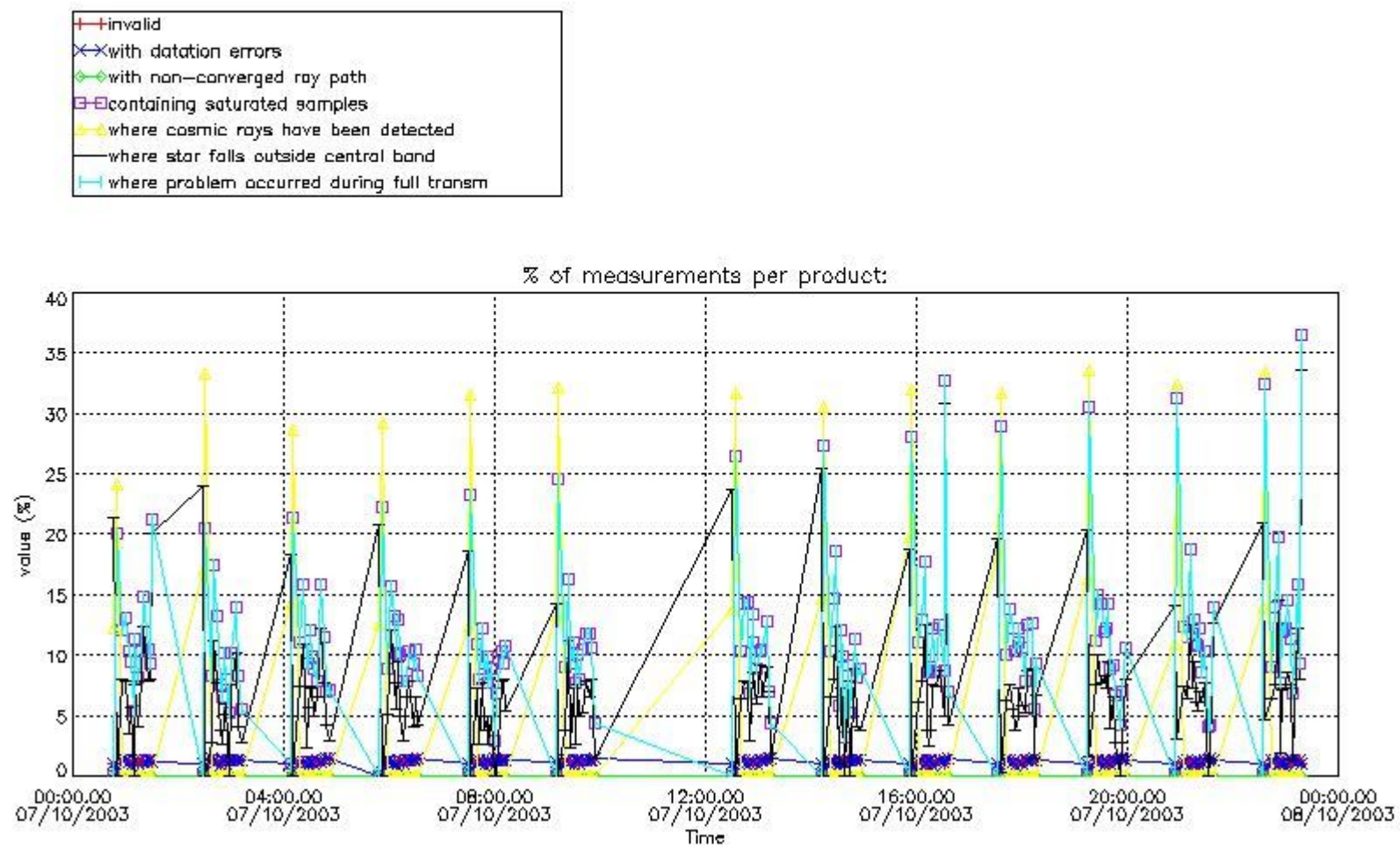
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

###### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



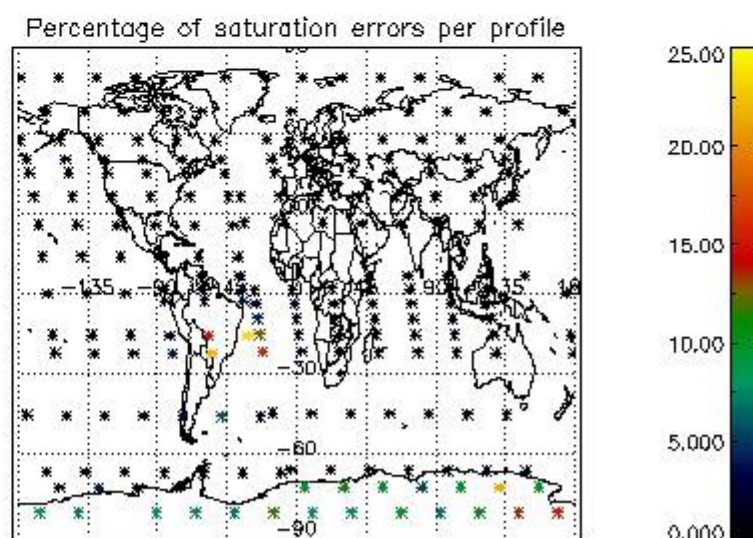
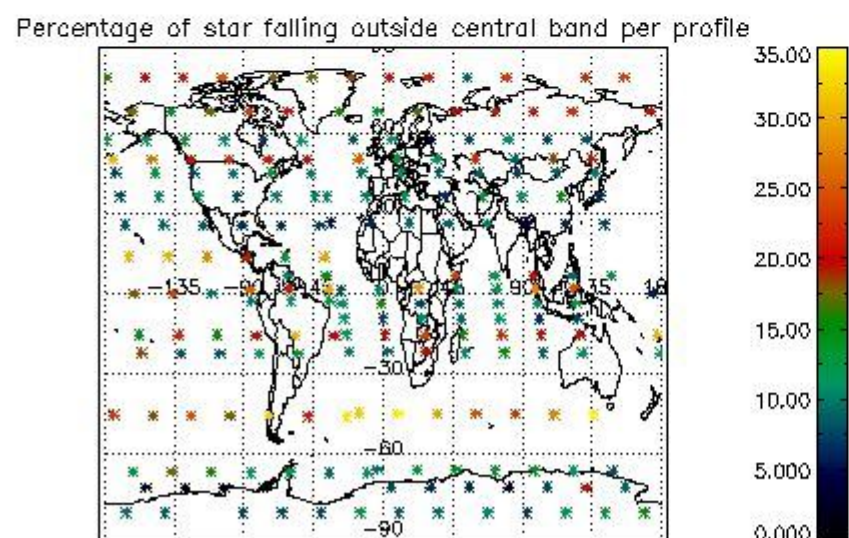
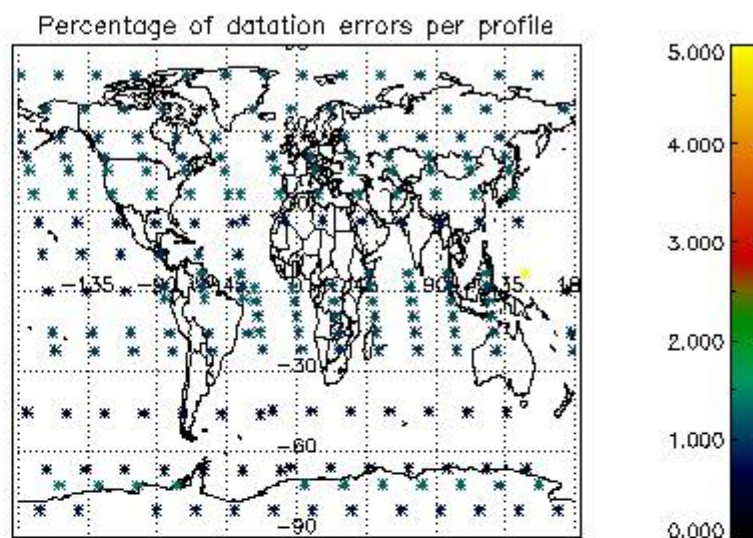
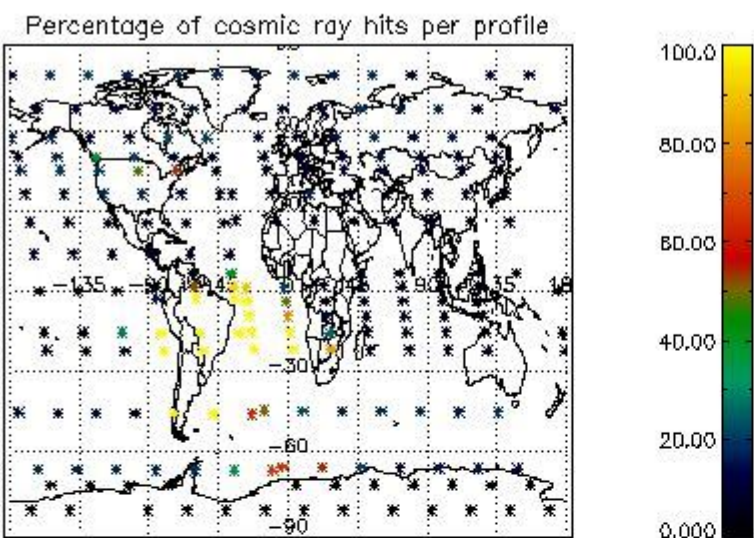
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes





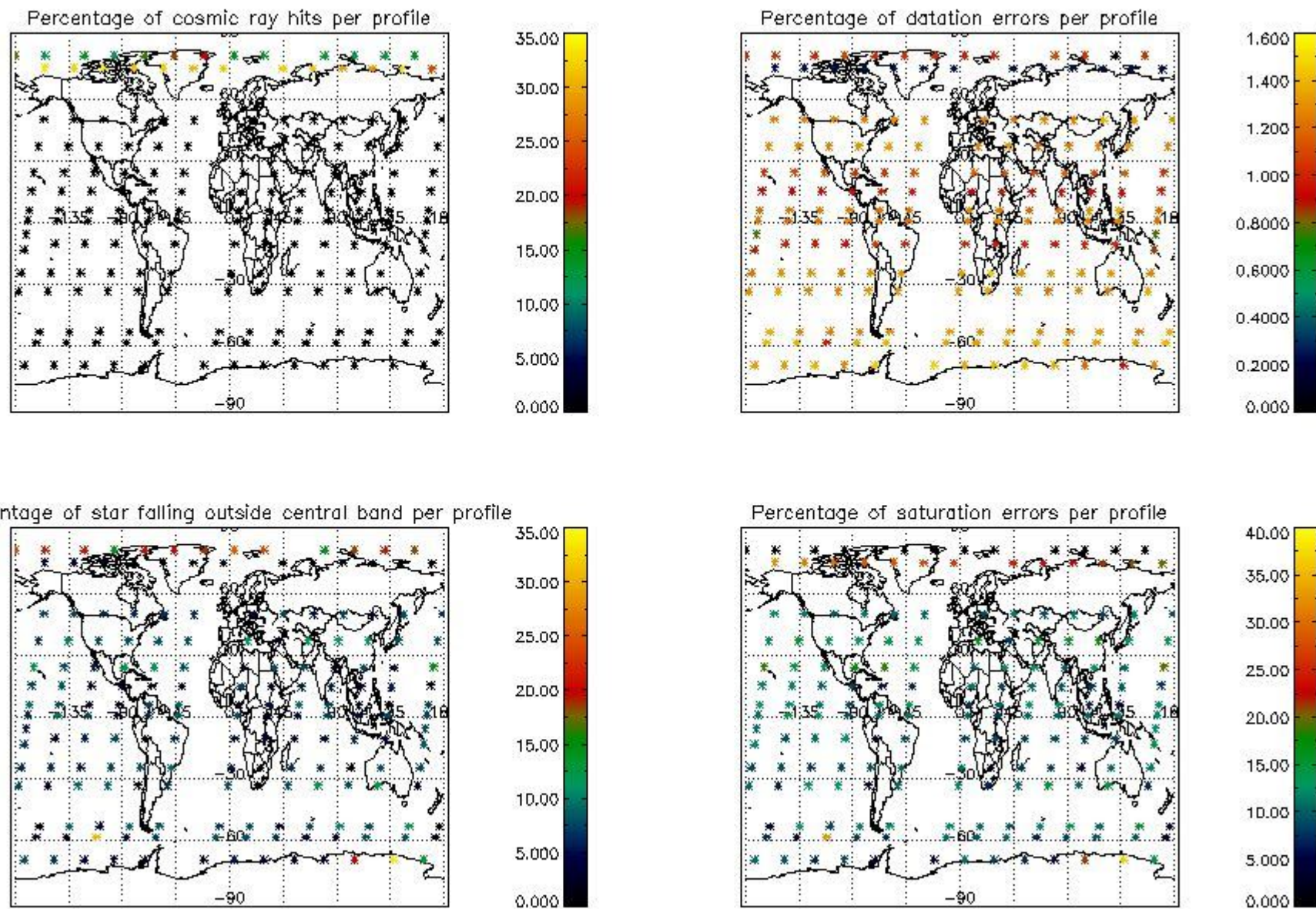
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

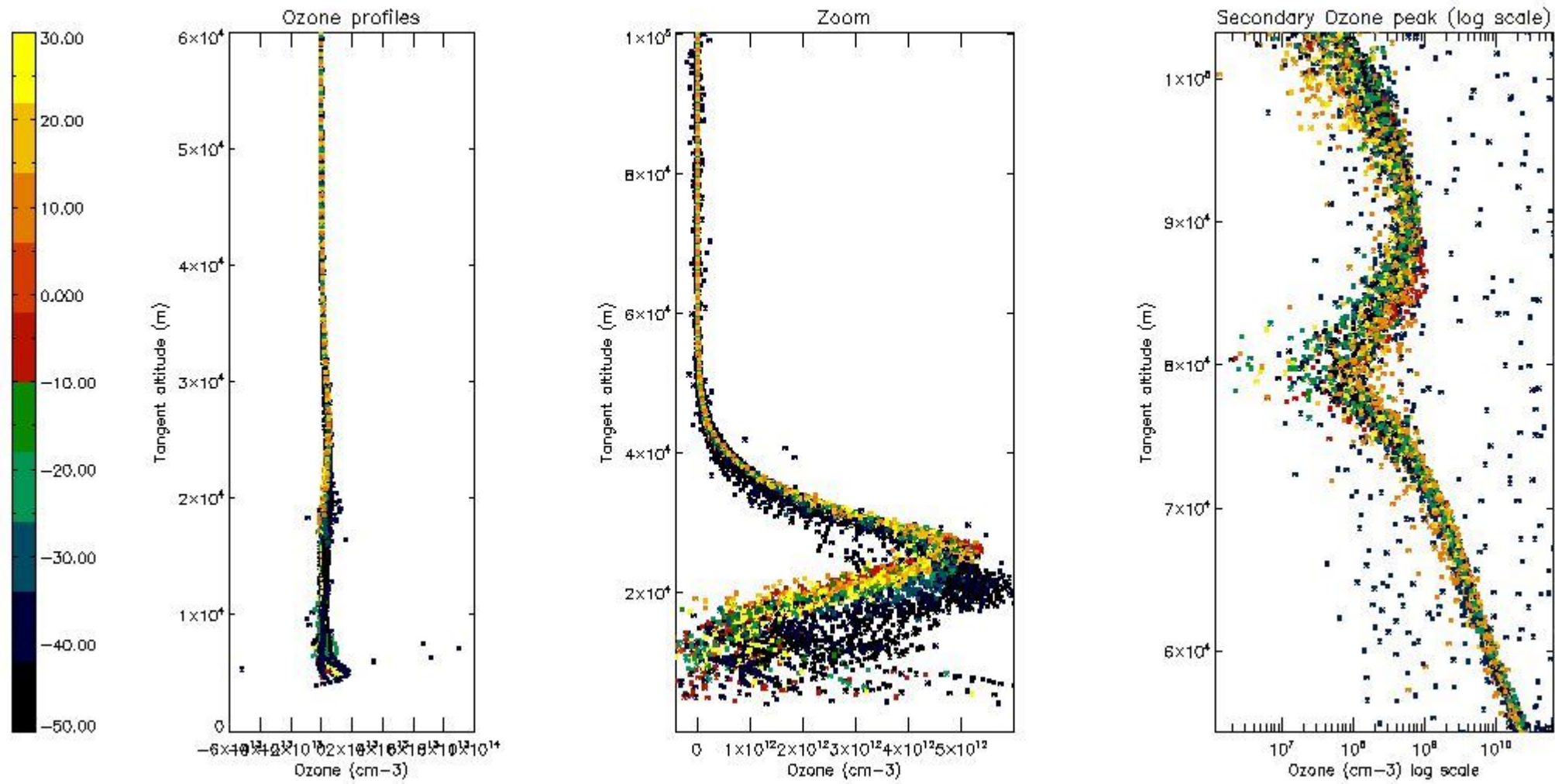
| Criteria | % of total production |
|----------|-----------------------|
| All STD  | 33                    |
| STD < 20 | 20                    |



|          |    |
|----------|----|
| STD < 10 | 17 |
| STD < 5  | 11 |

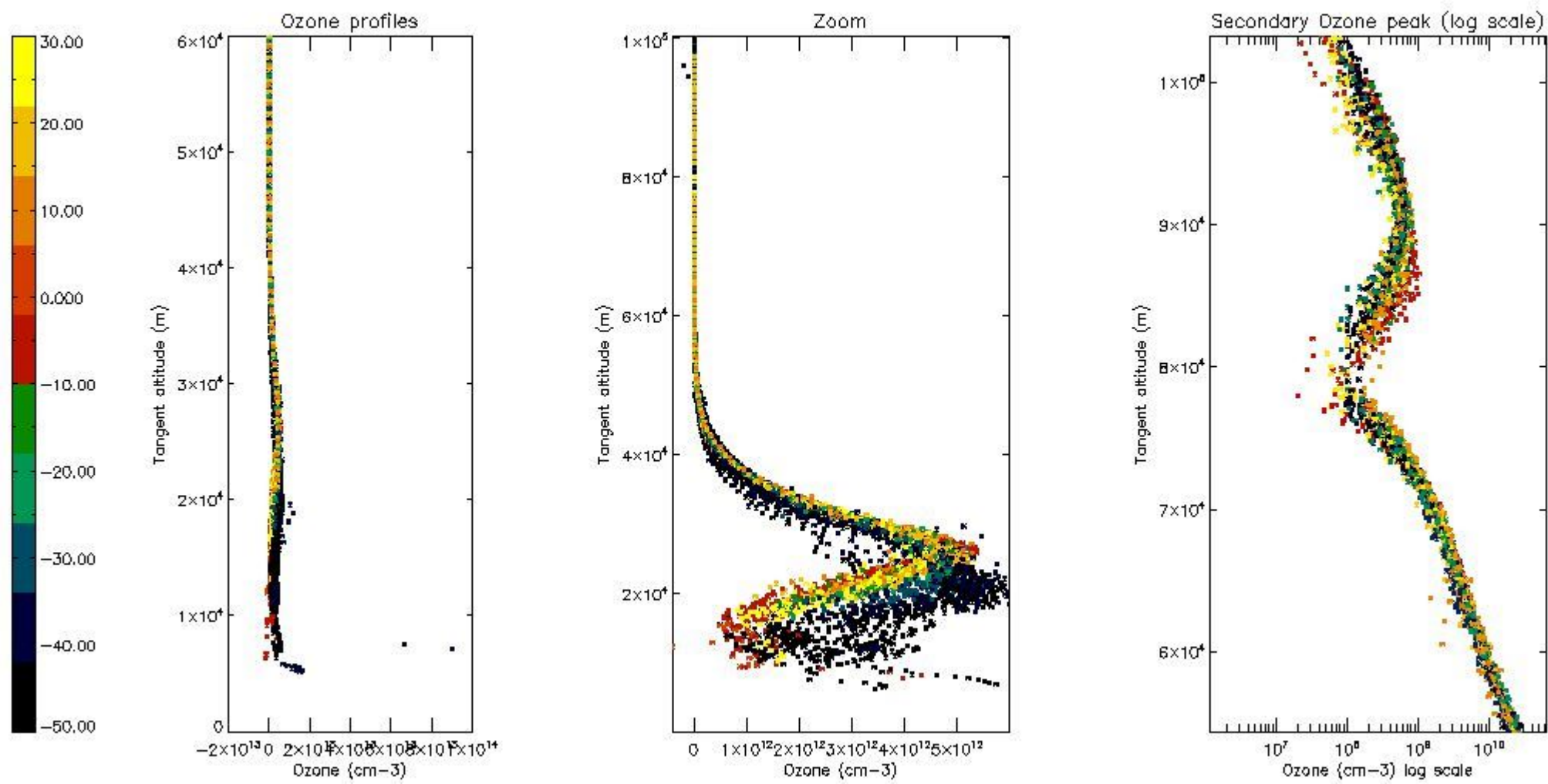
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



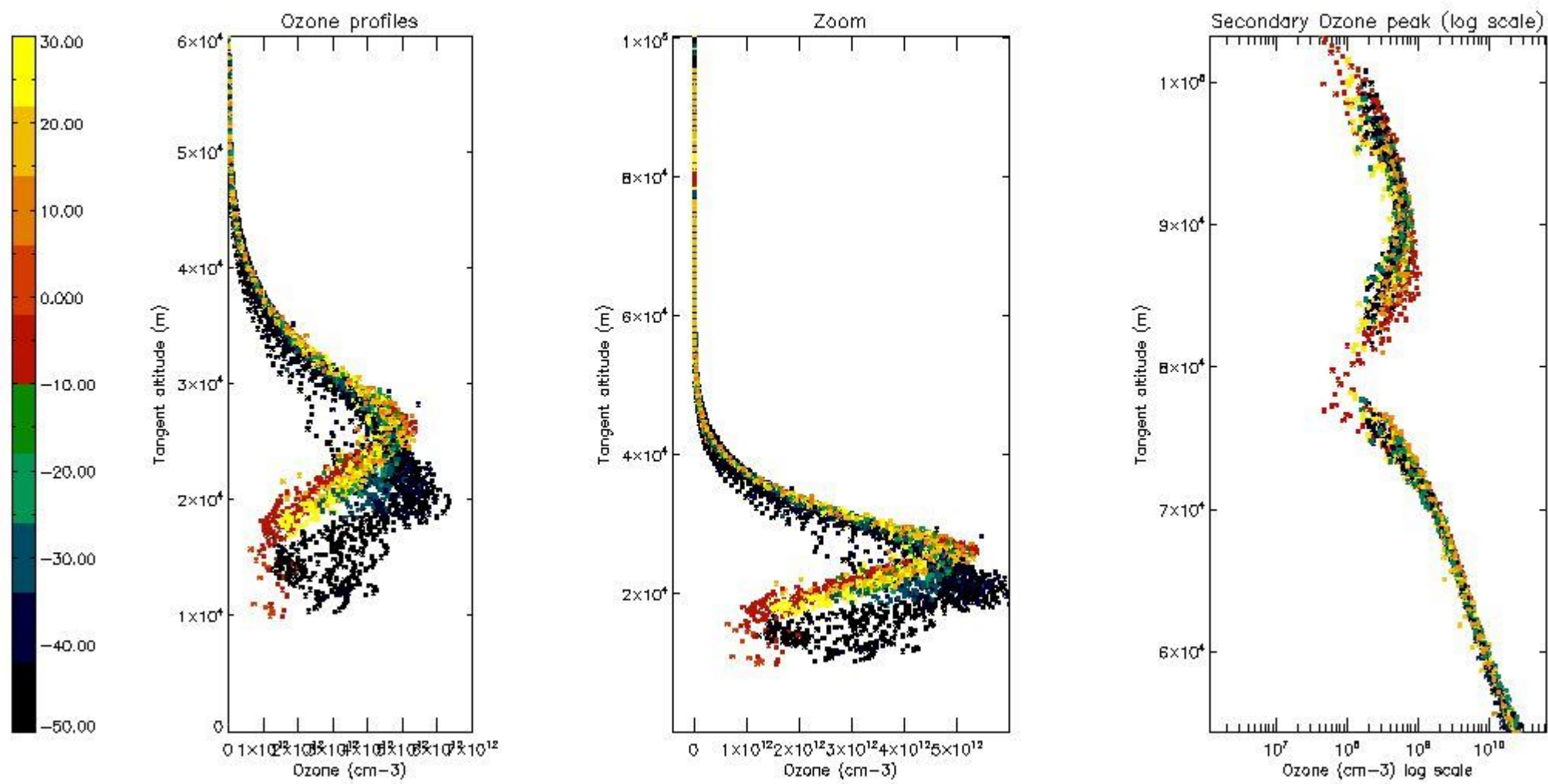
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

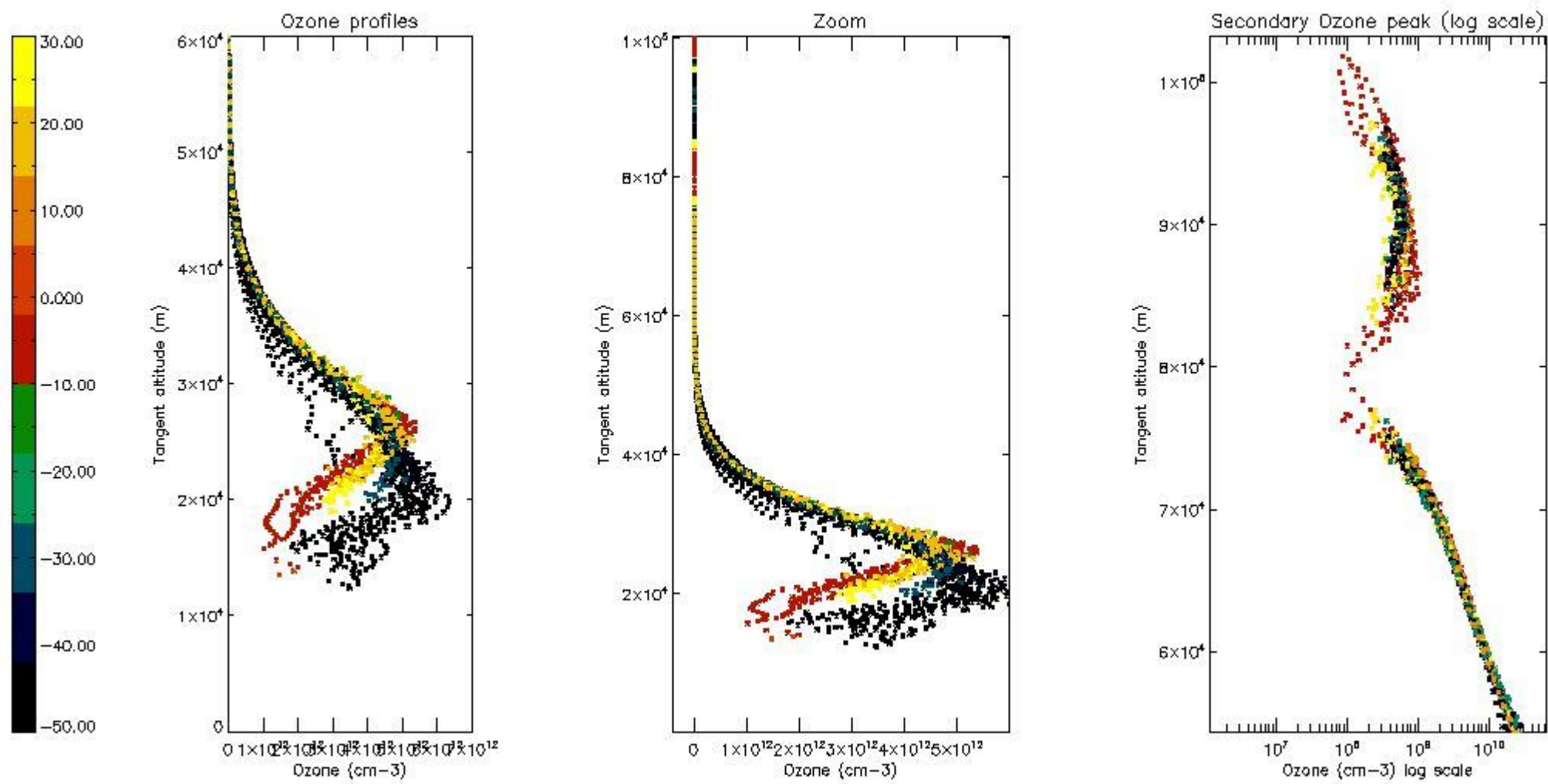
The colorbar represents the latitude.



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

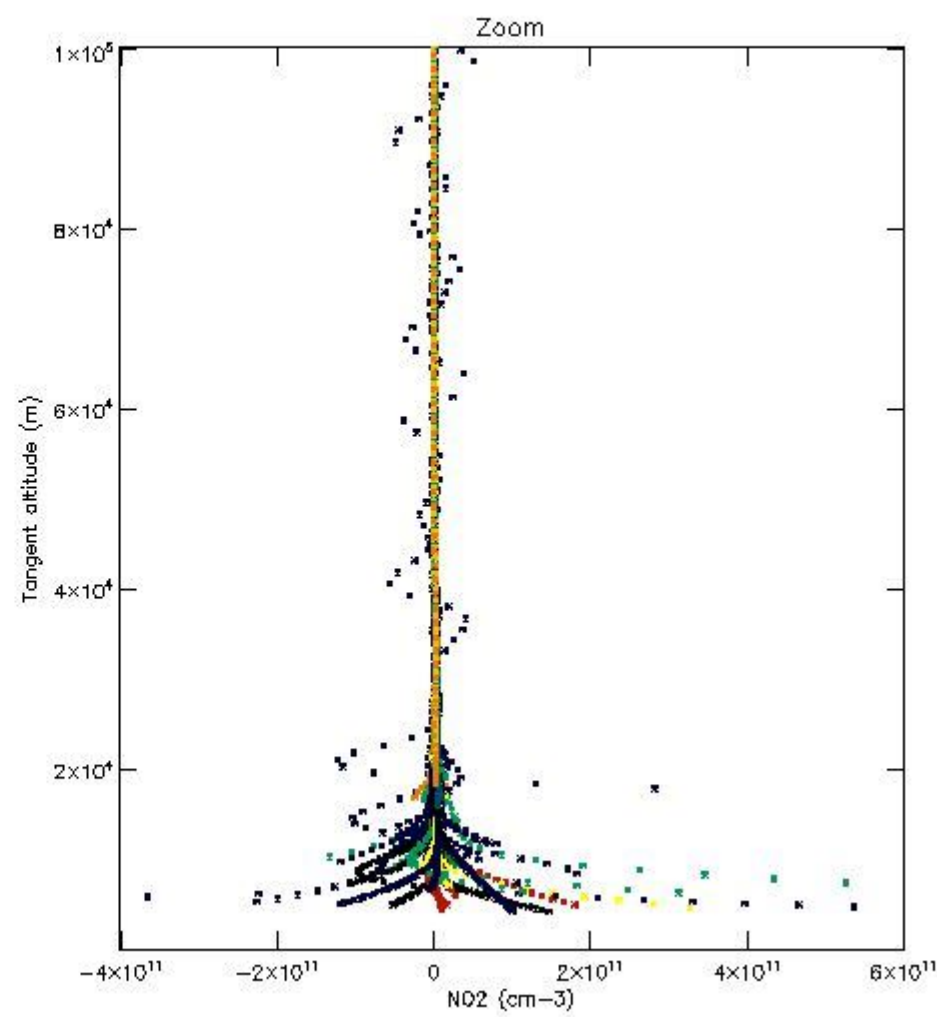
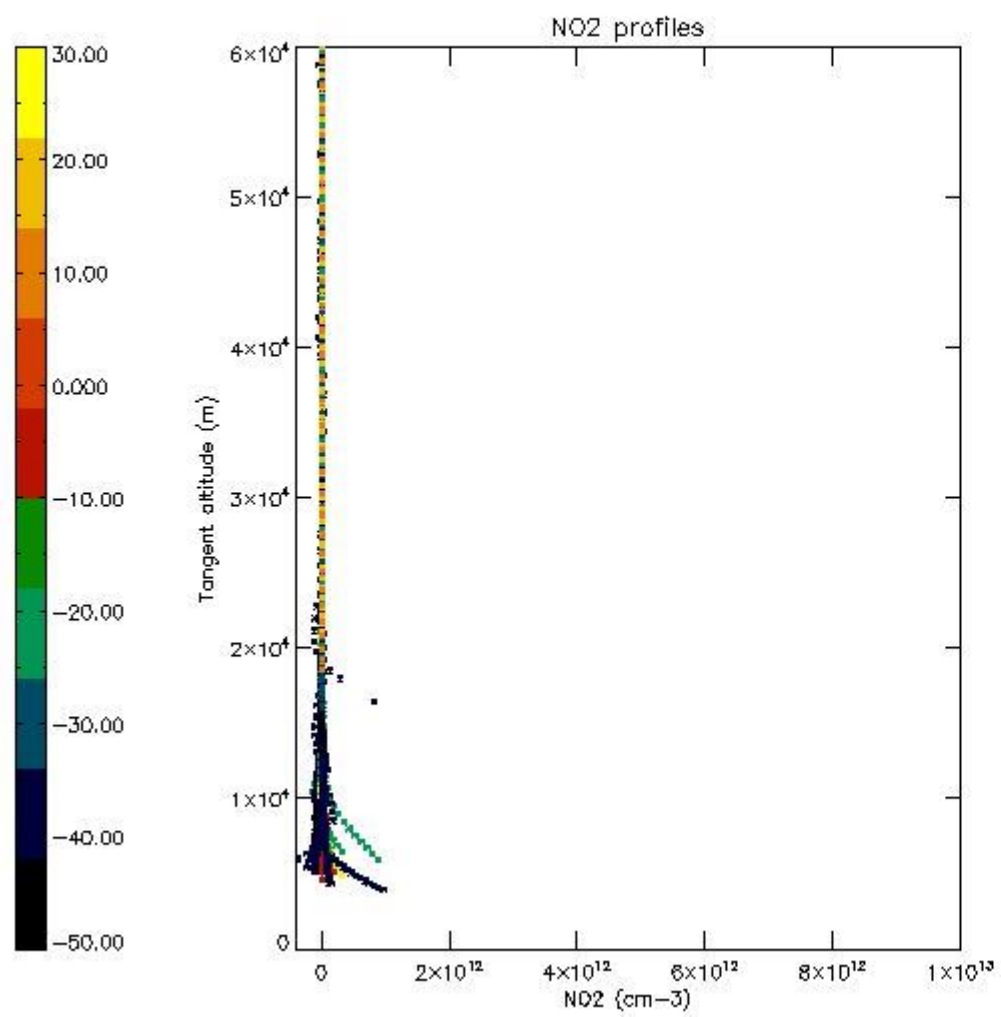
The colorbar represents the latitude.





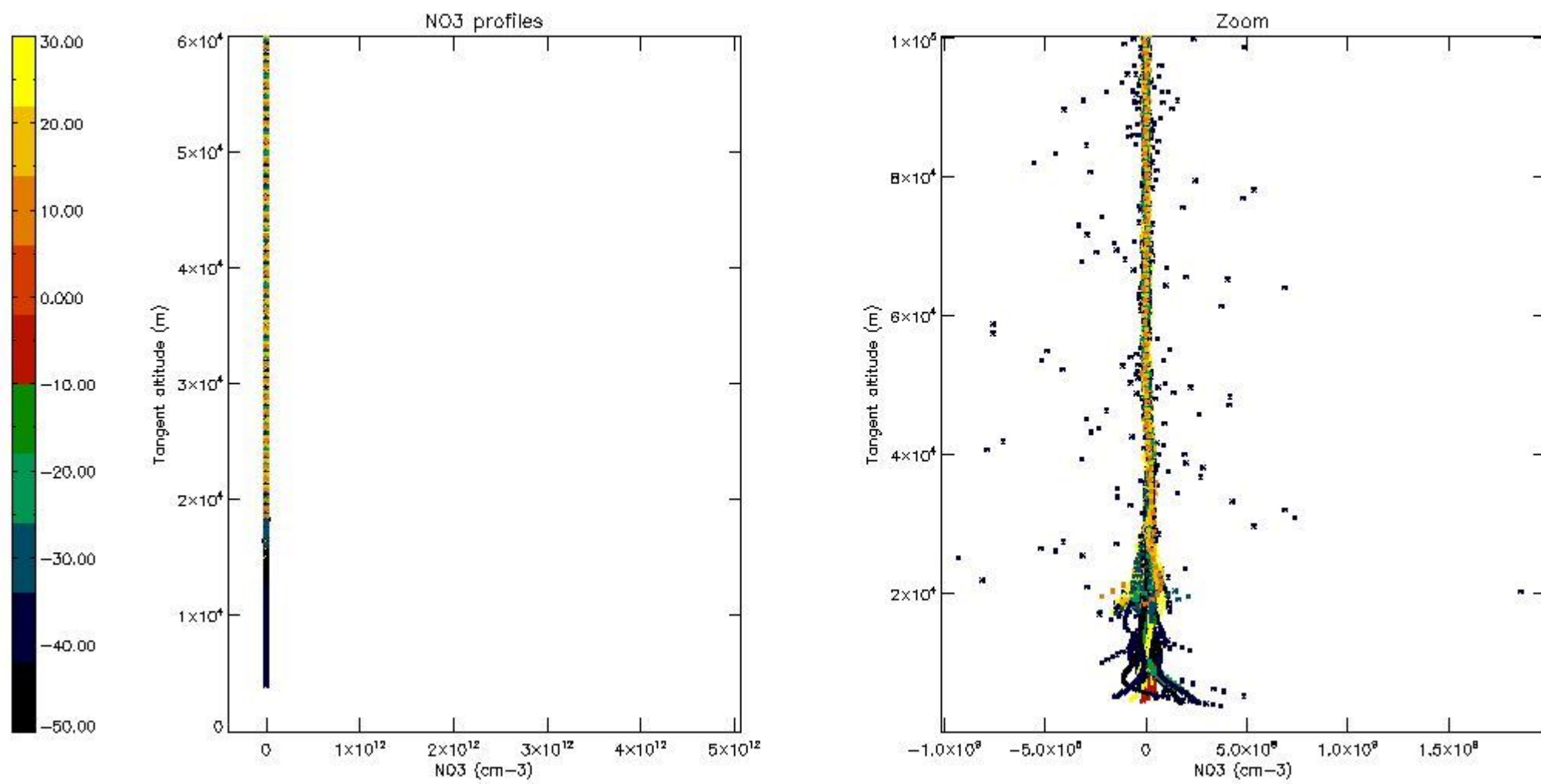
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

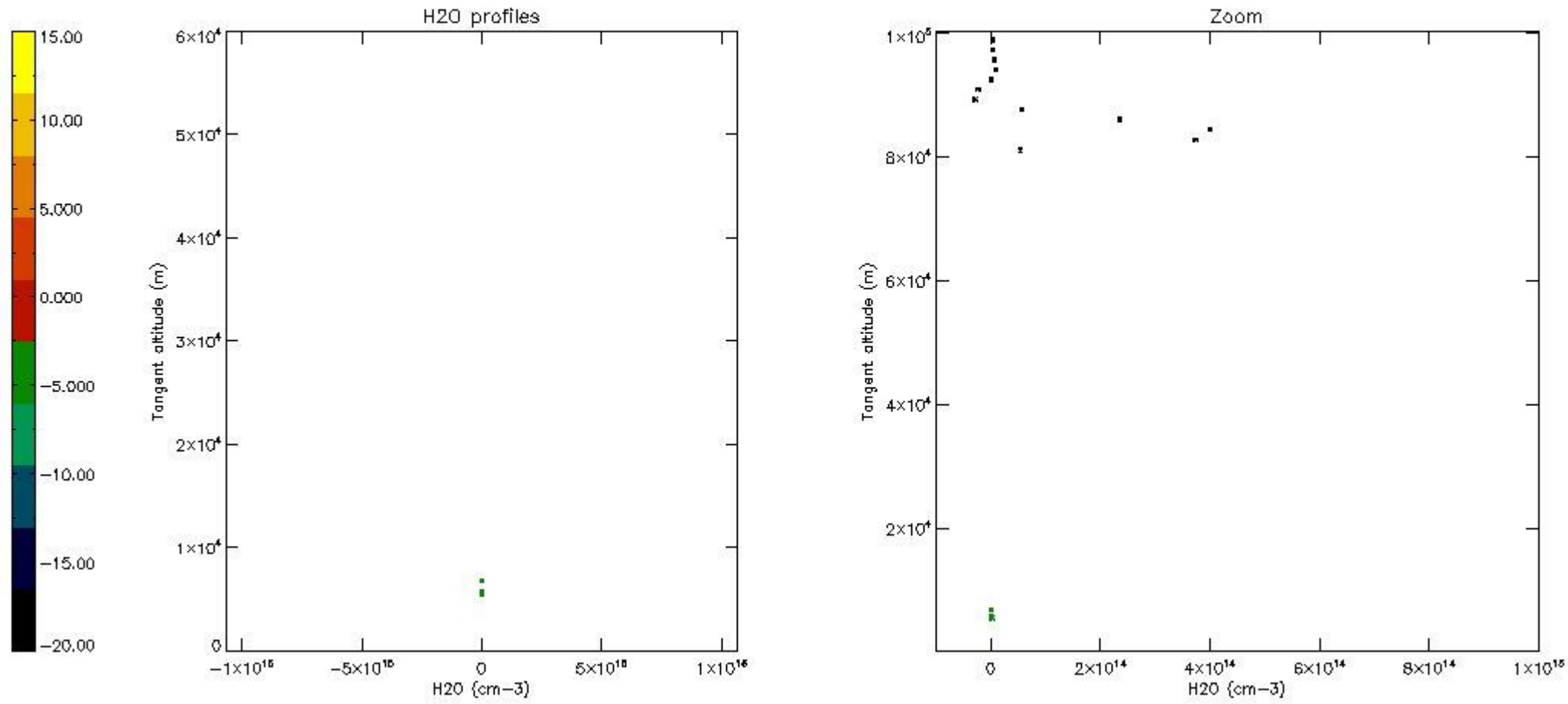
The colorbar represents the latitude.



*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.

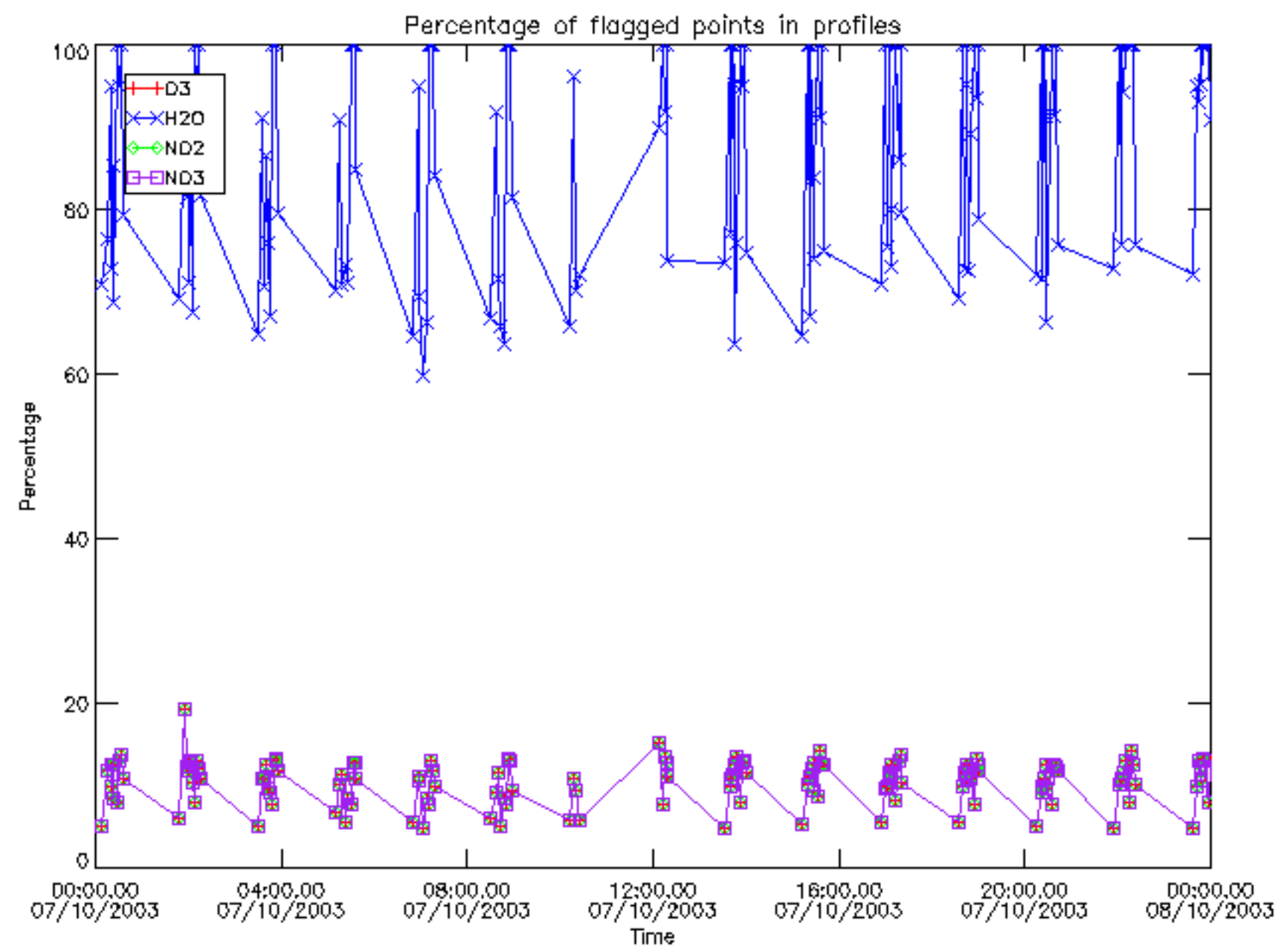




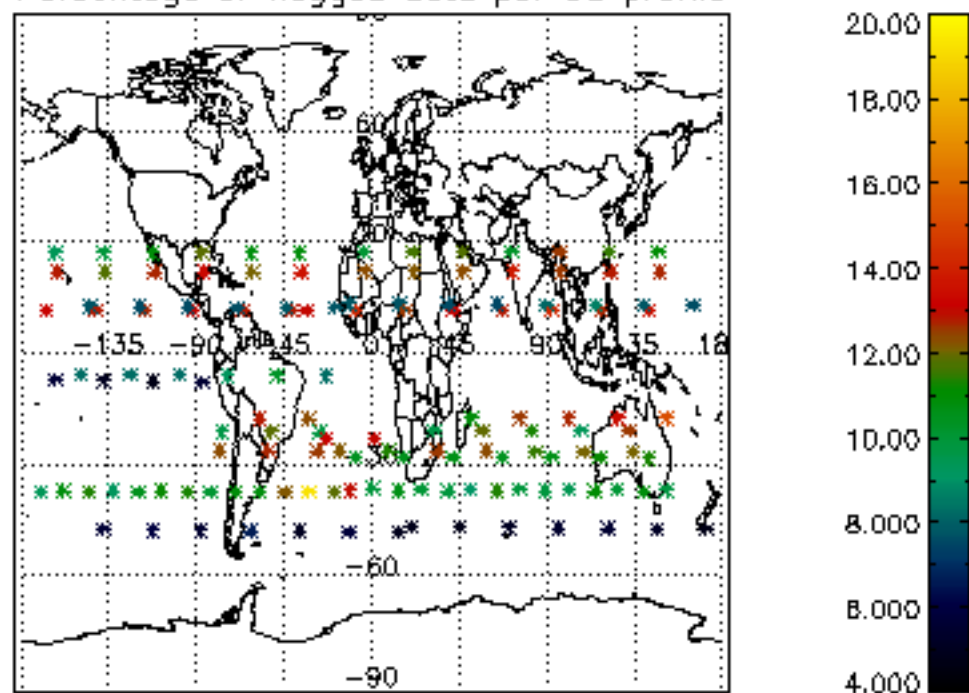
## 6. Auxiliary Data Files used for the production reported in section 2

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.

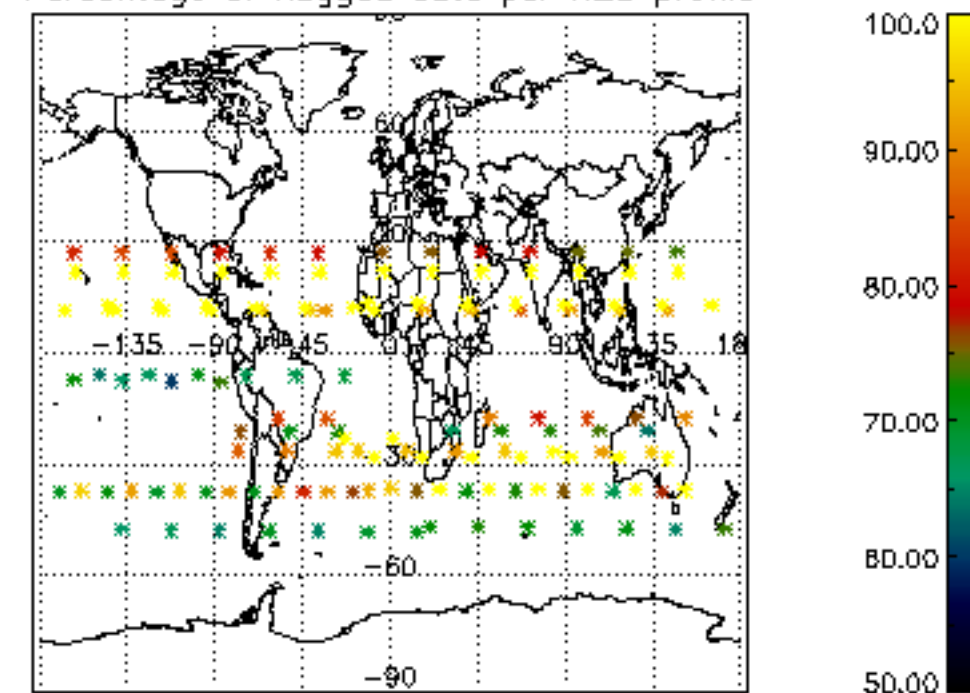
| Type                      | Auxiliary Filename  | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1                  | 07-OCT-2003 00:01:25    |
| LEVEL-2_PROC_CONFIG       | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1                  | 07-OCT-2003 00:01:25    |
| CROSS_SECTIONS_FILE       | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1                  | 07-OCT-2003 00:01:25    |



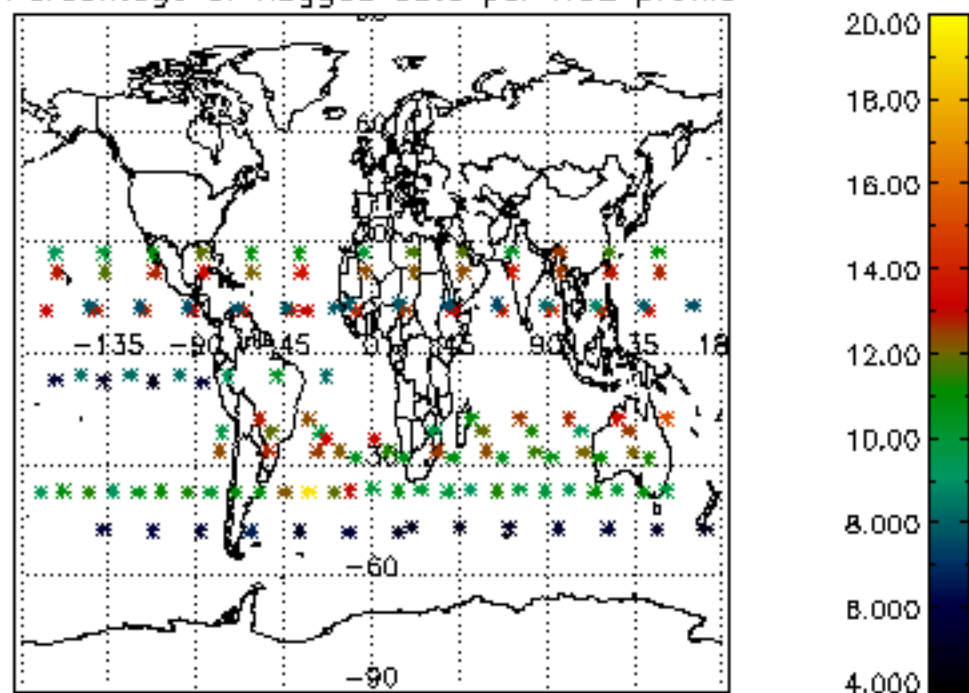
Percentage of flagged data per D3 profile



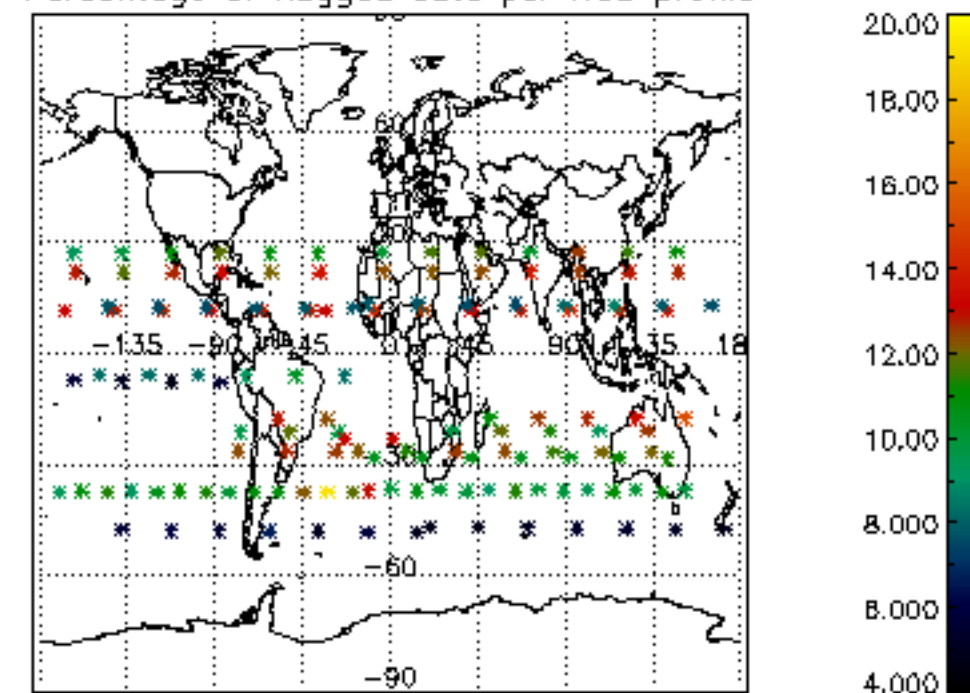
Percentage of flagged data per H2O profile



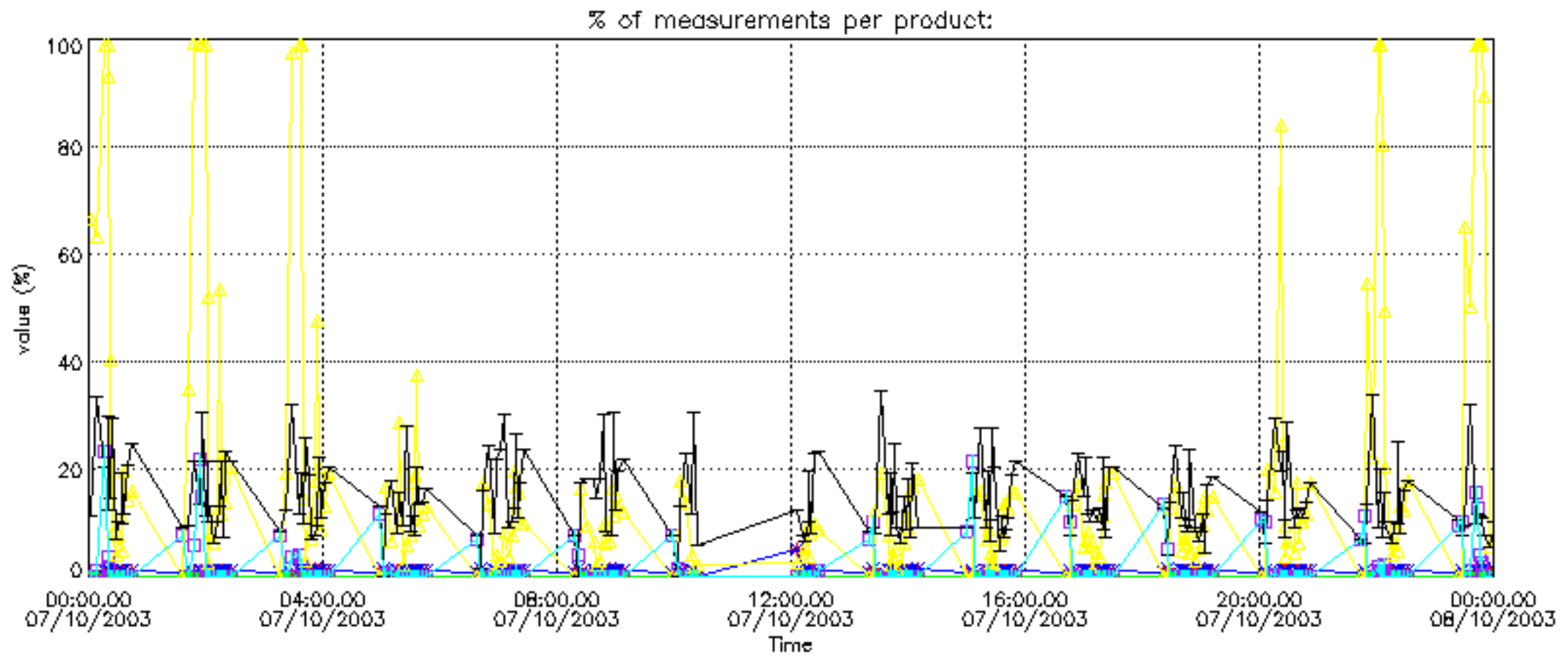
Percentage of flagged data per NO2 profile

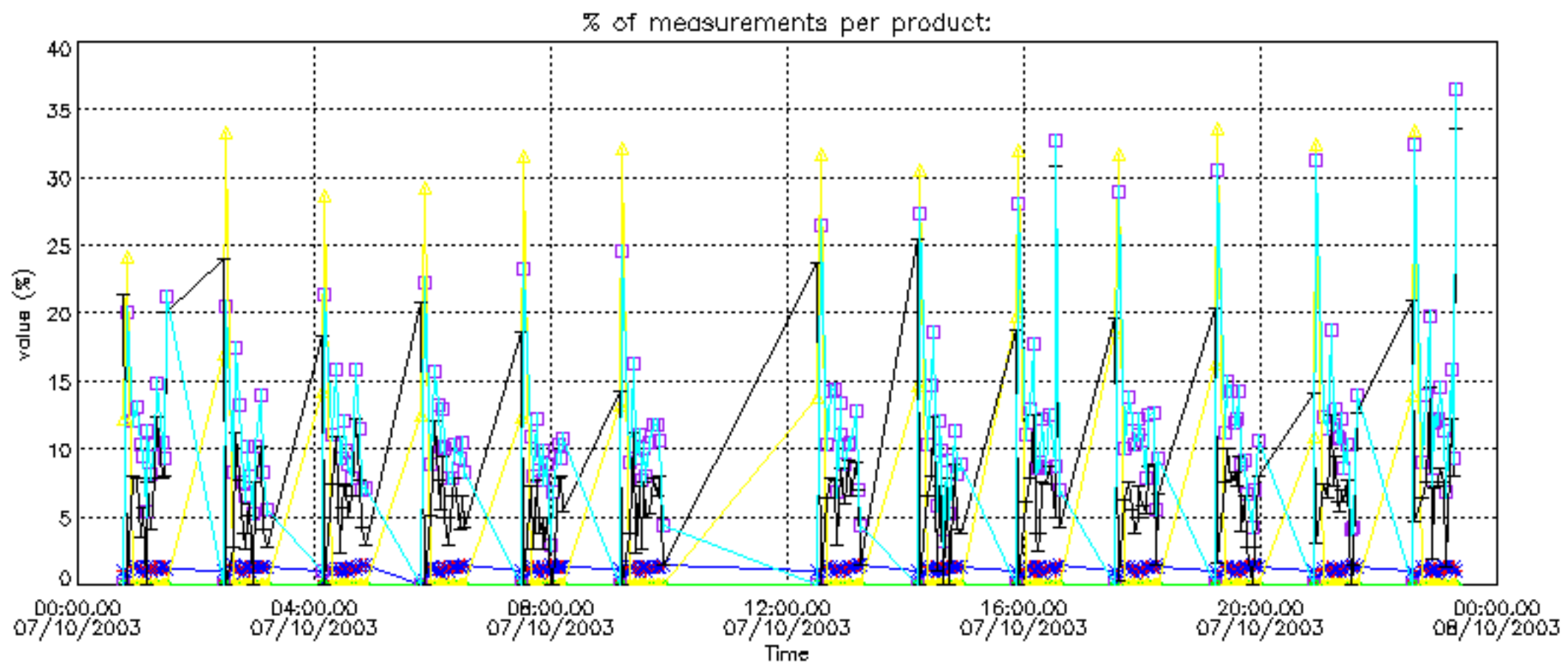


Percentage of flagged data per NO3 profile

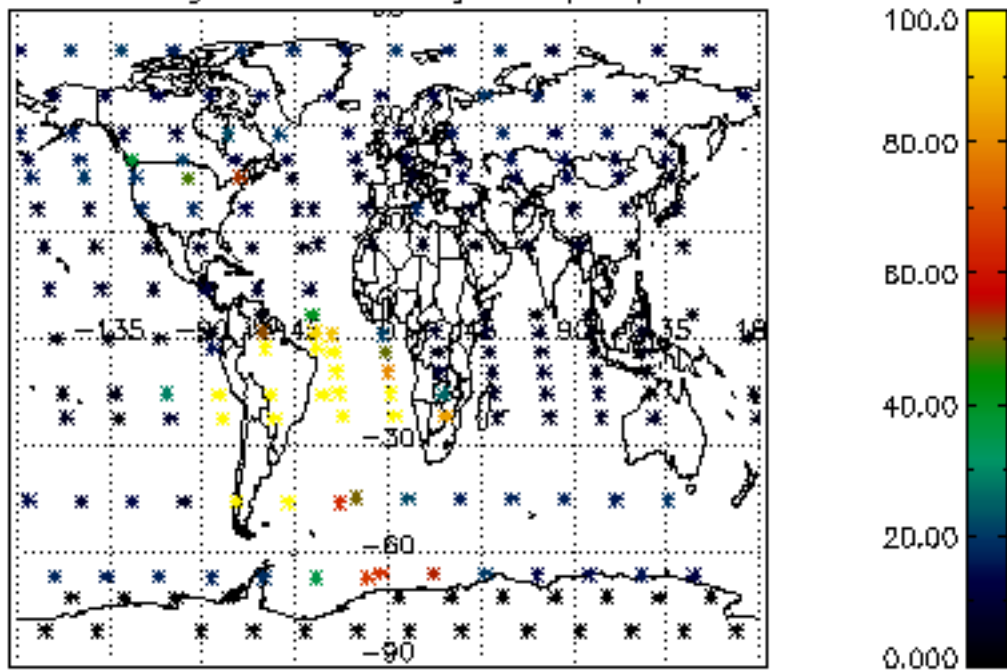




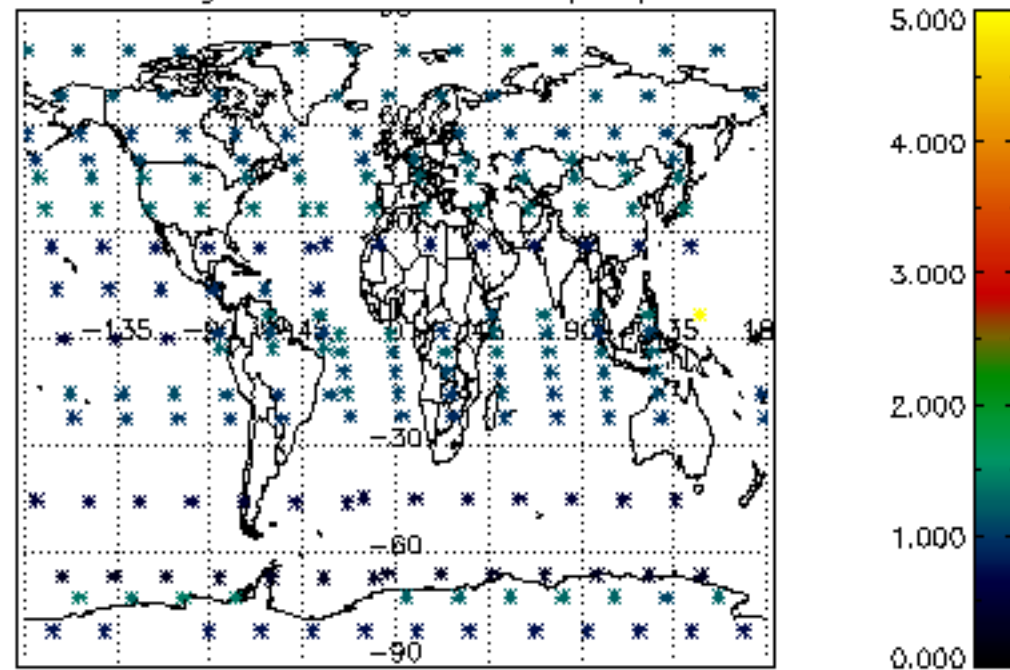




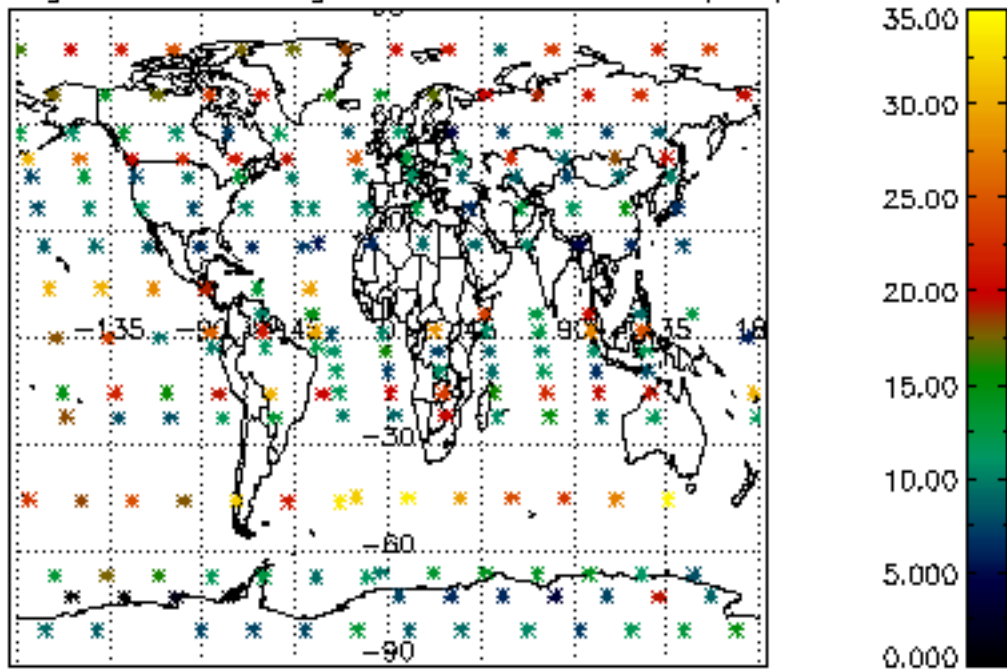
Percentage of cosmic ray hits per profile



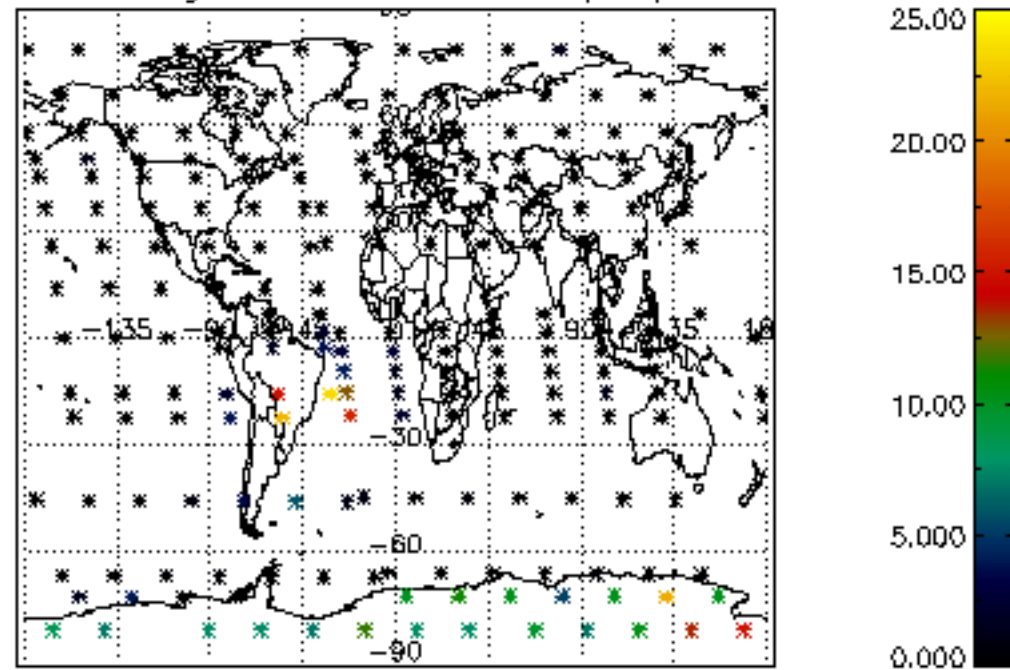
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

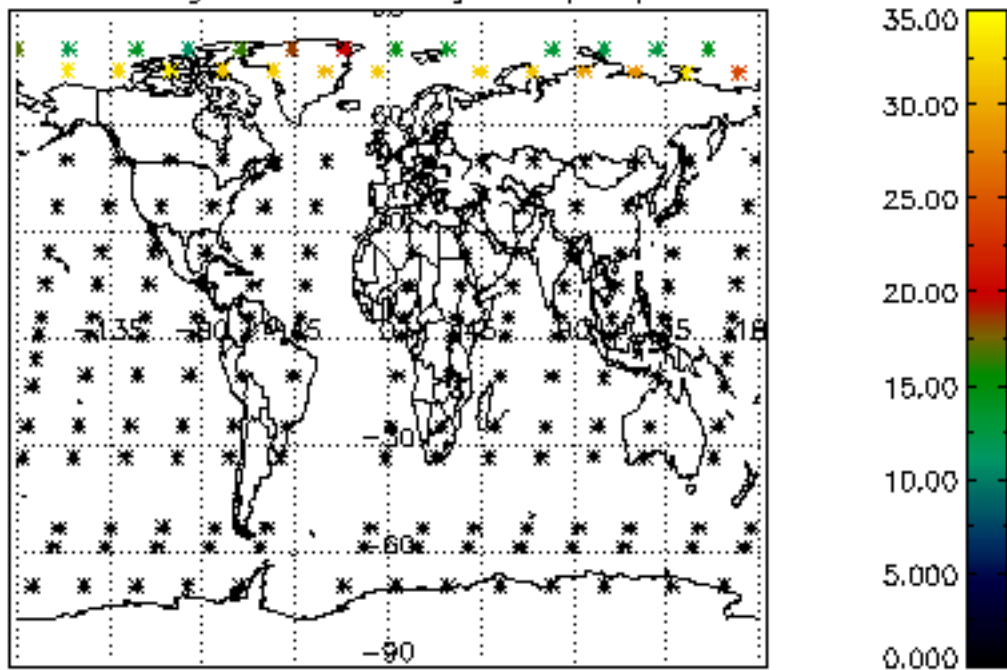


Percentage of saturation errors per profile

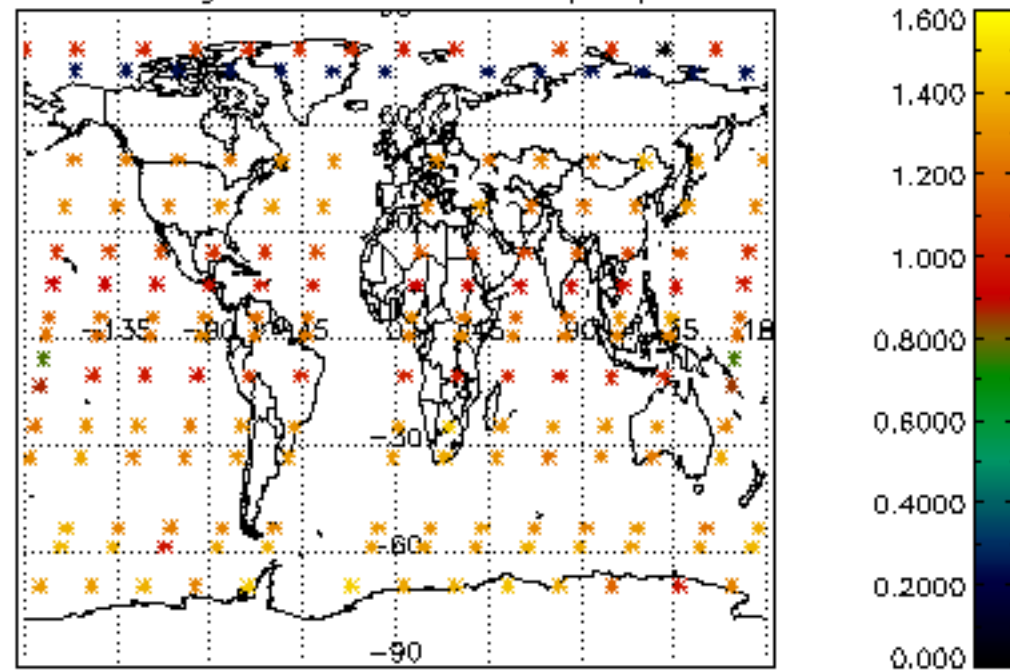




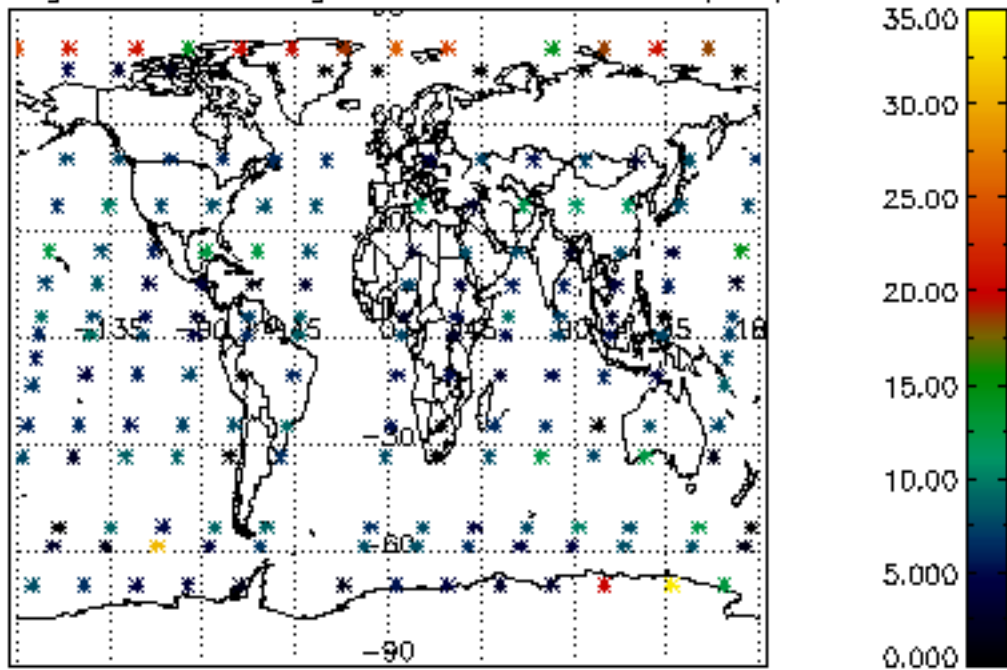
Percentage of cosmic ray hits per profile



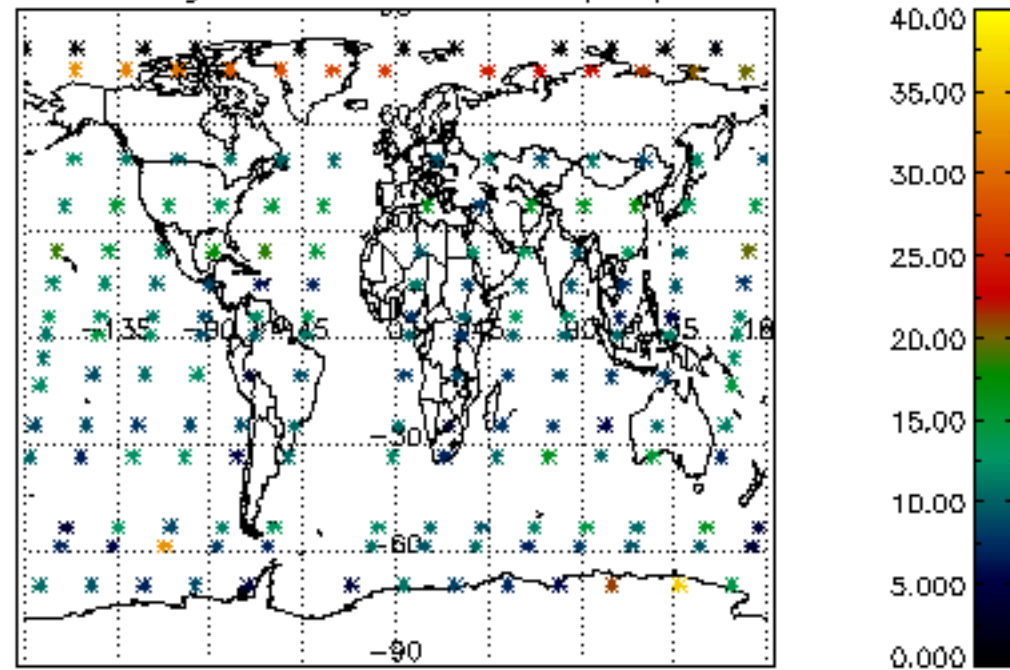
Percentage of datation errors per profile

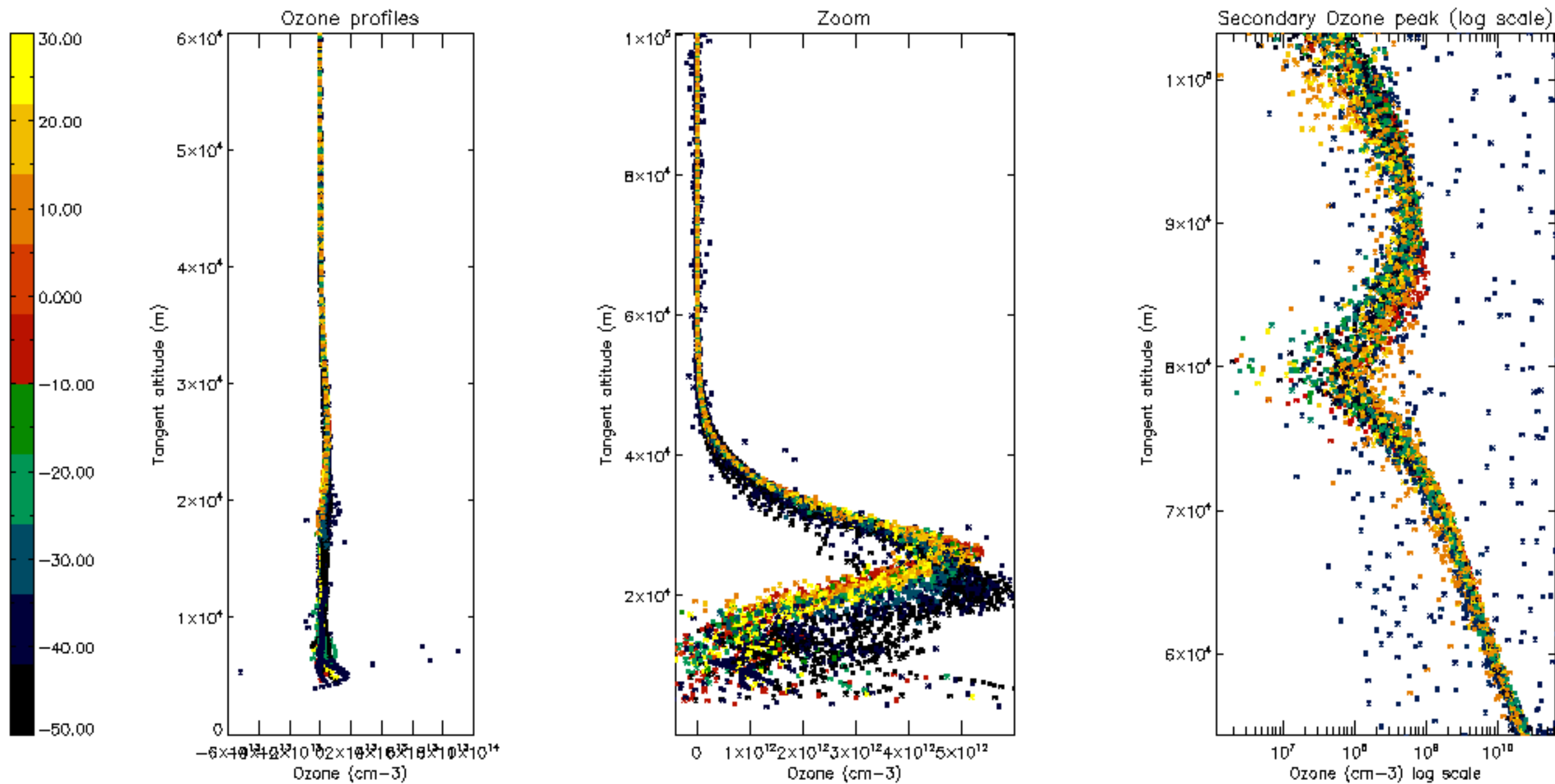


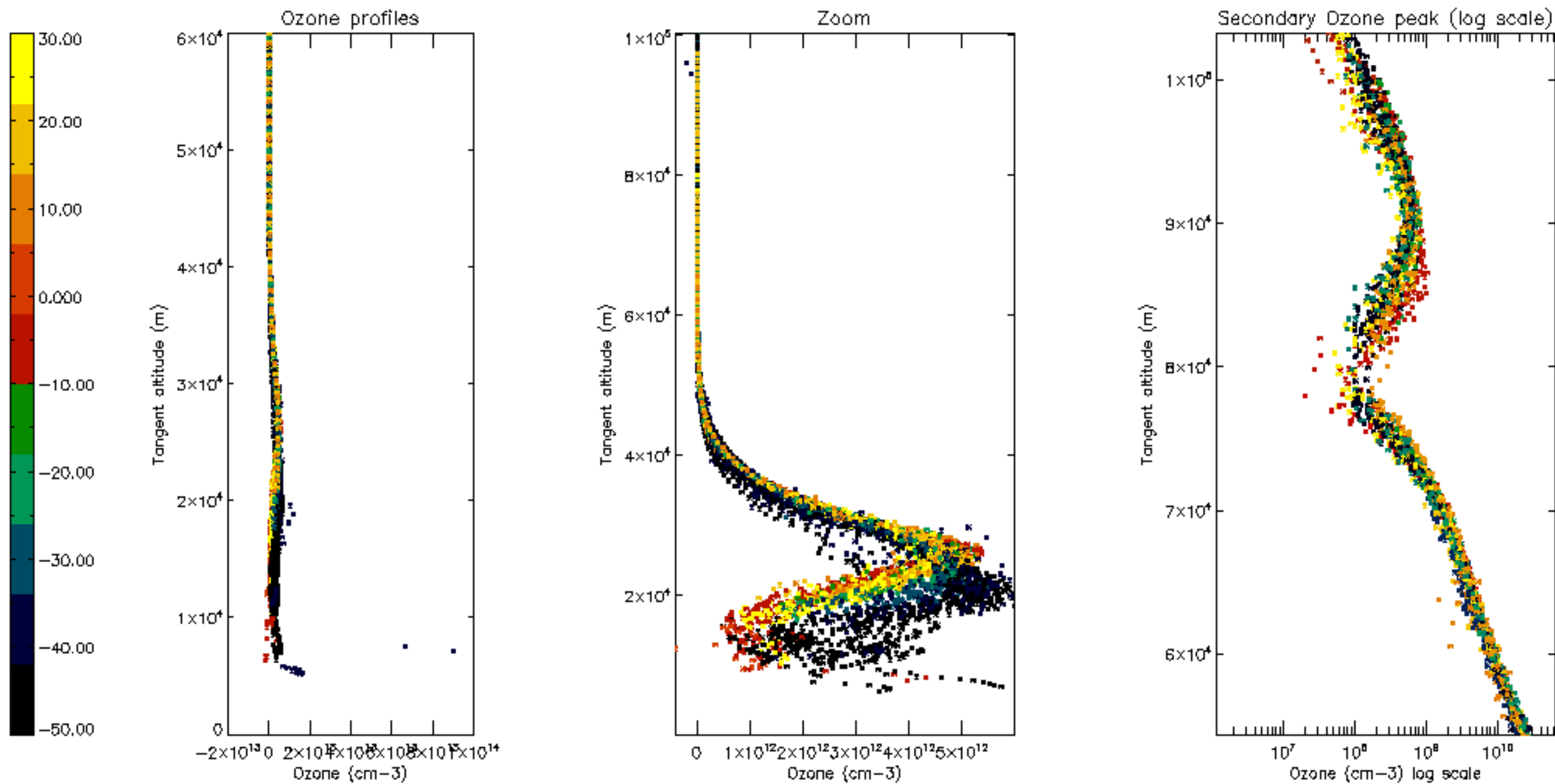
Percentage of star falling outside central band per profile



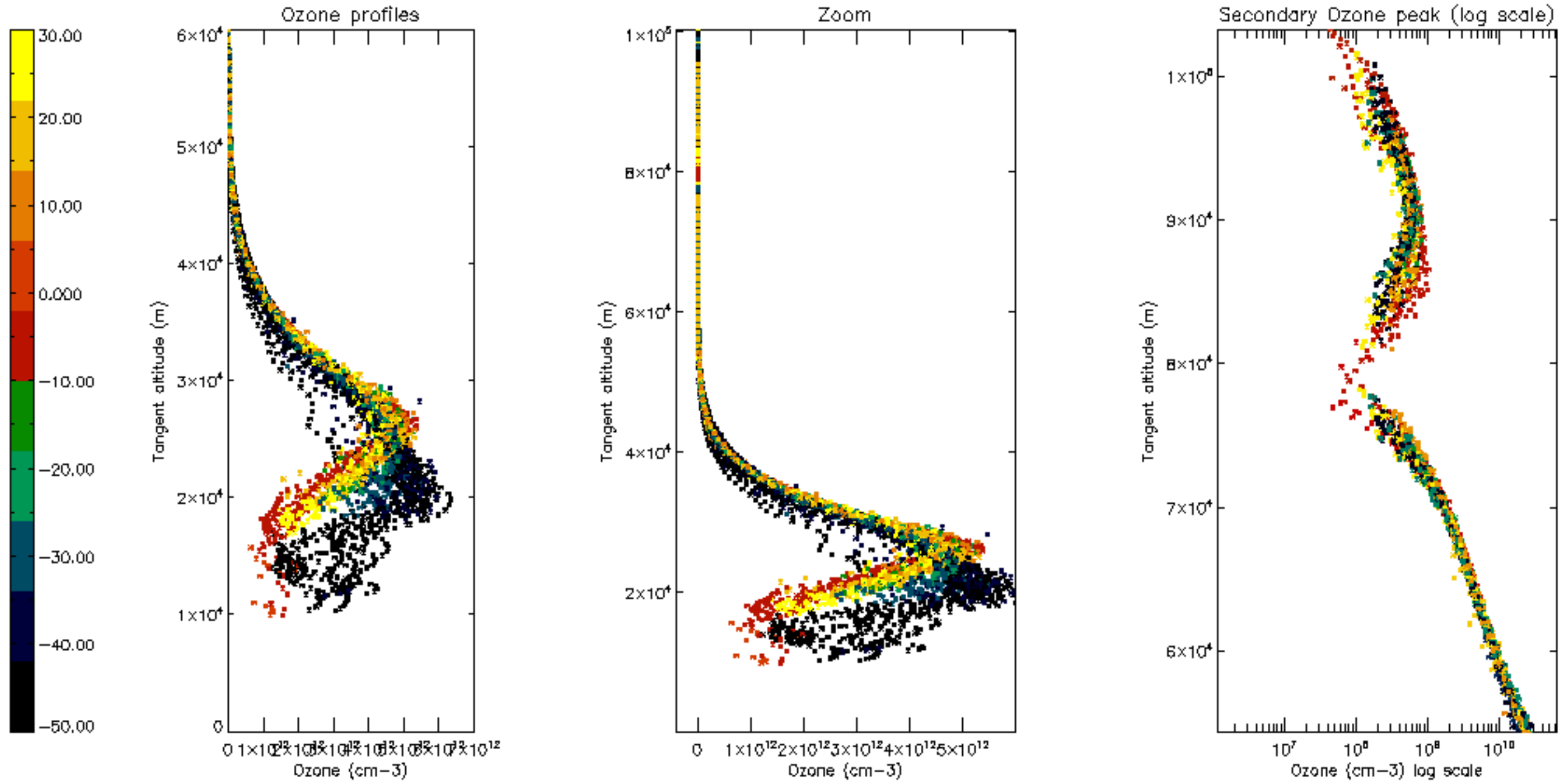
Percentage of saturation errors per profile

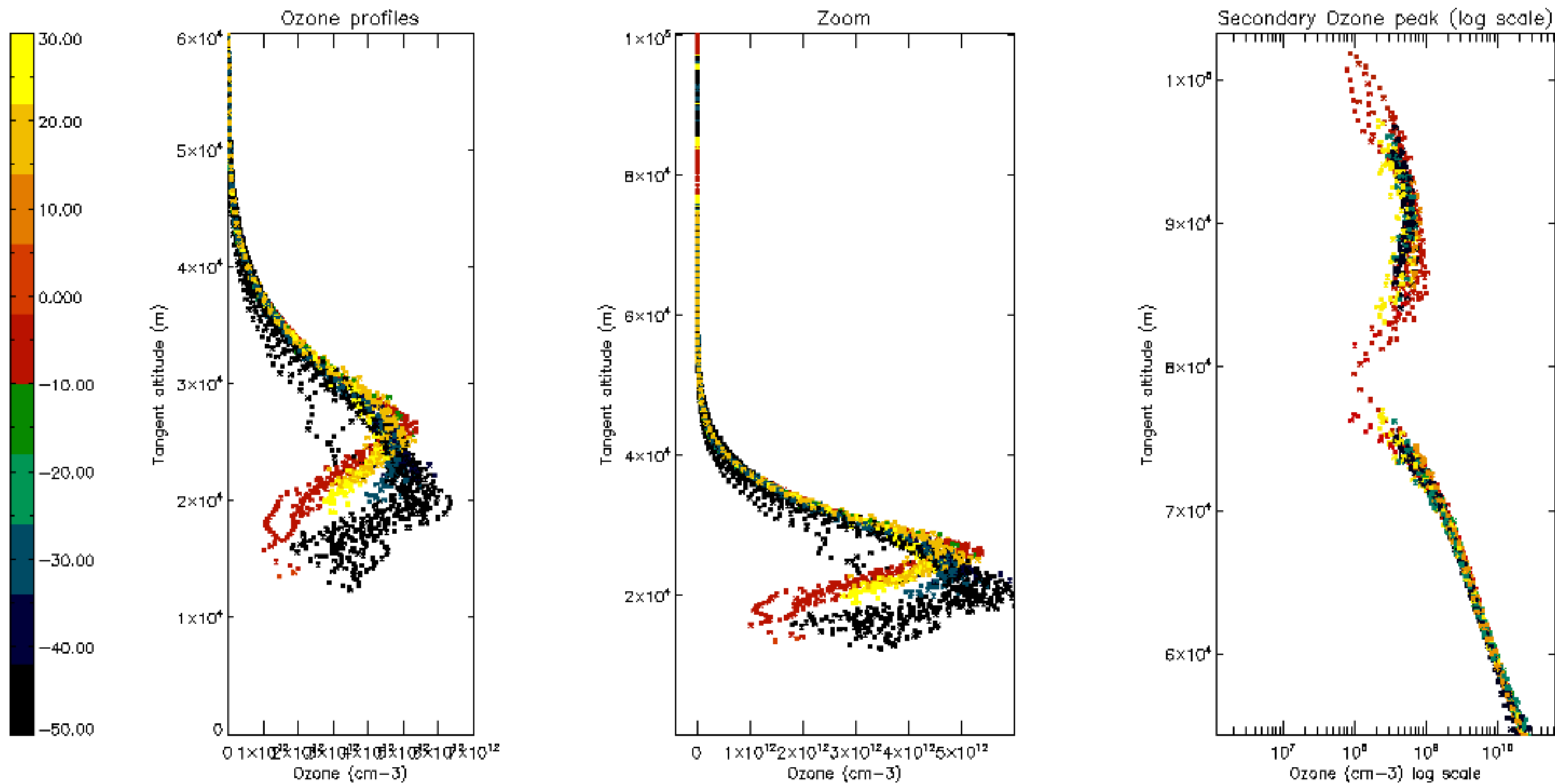


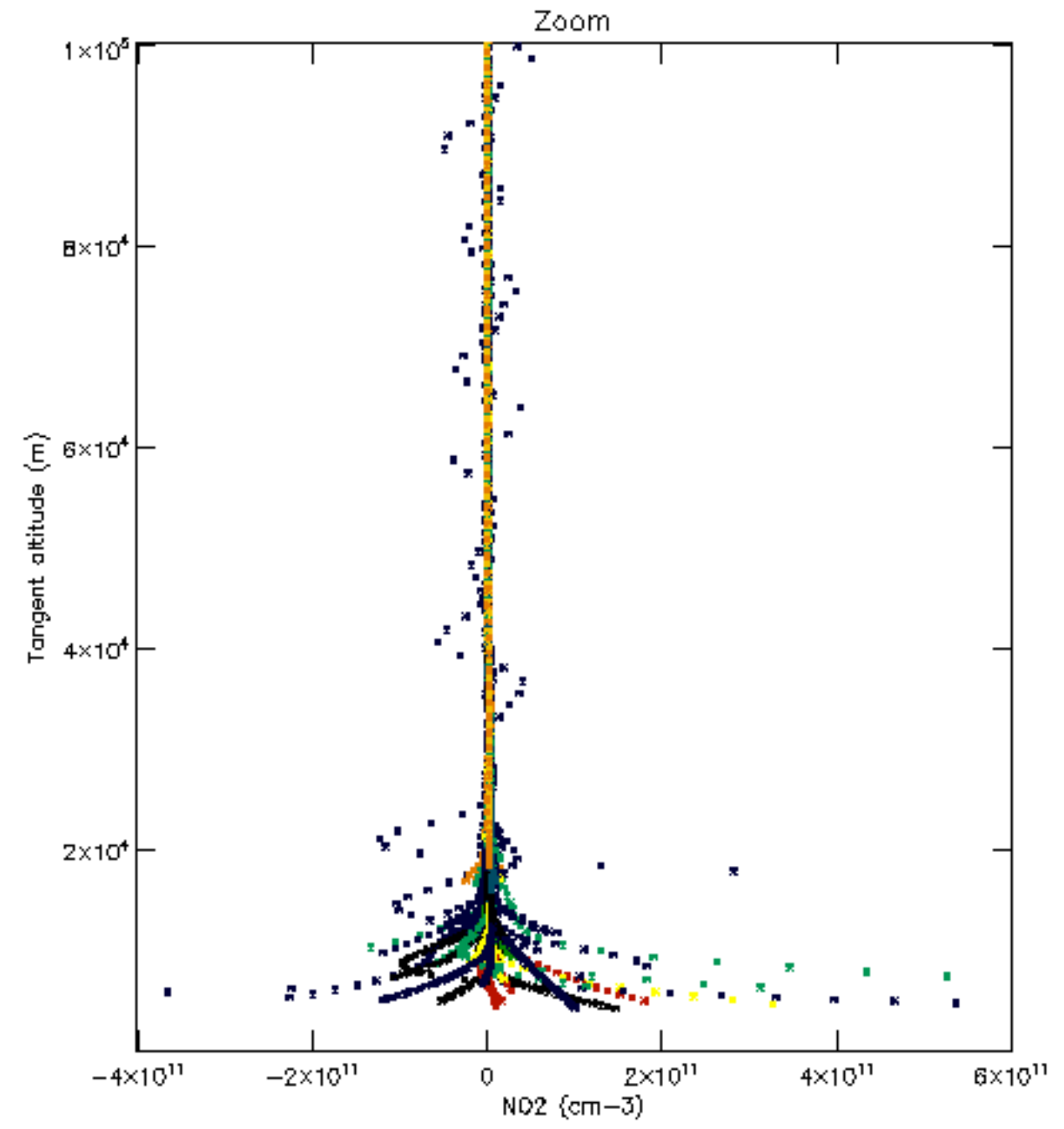
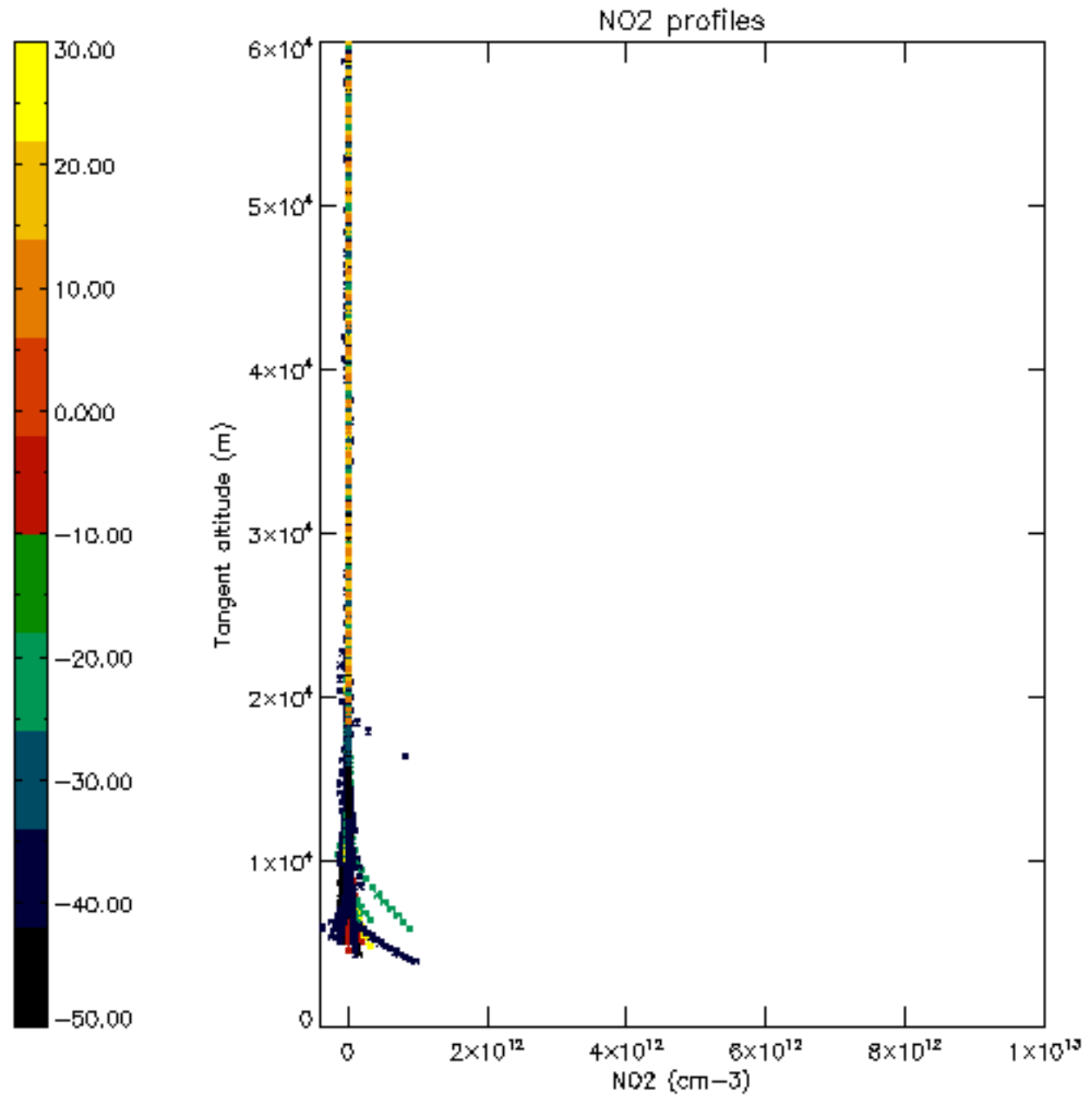




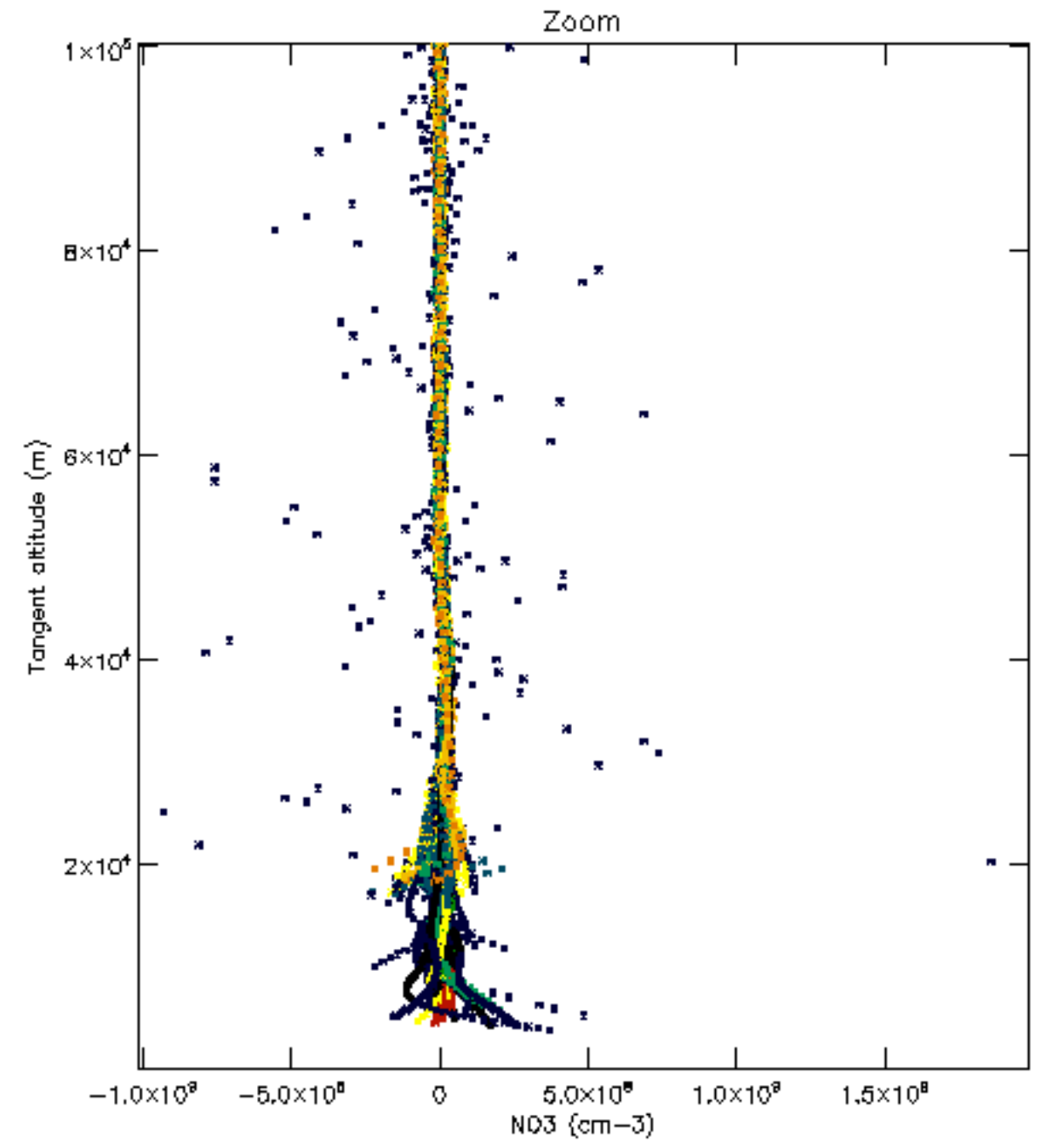
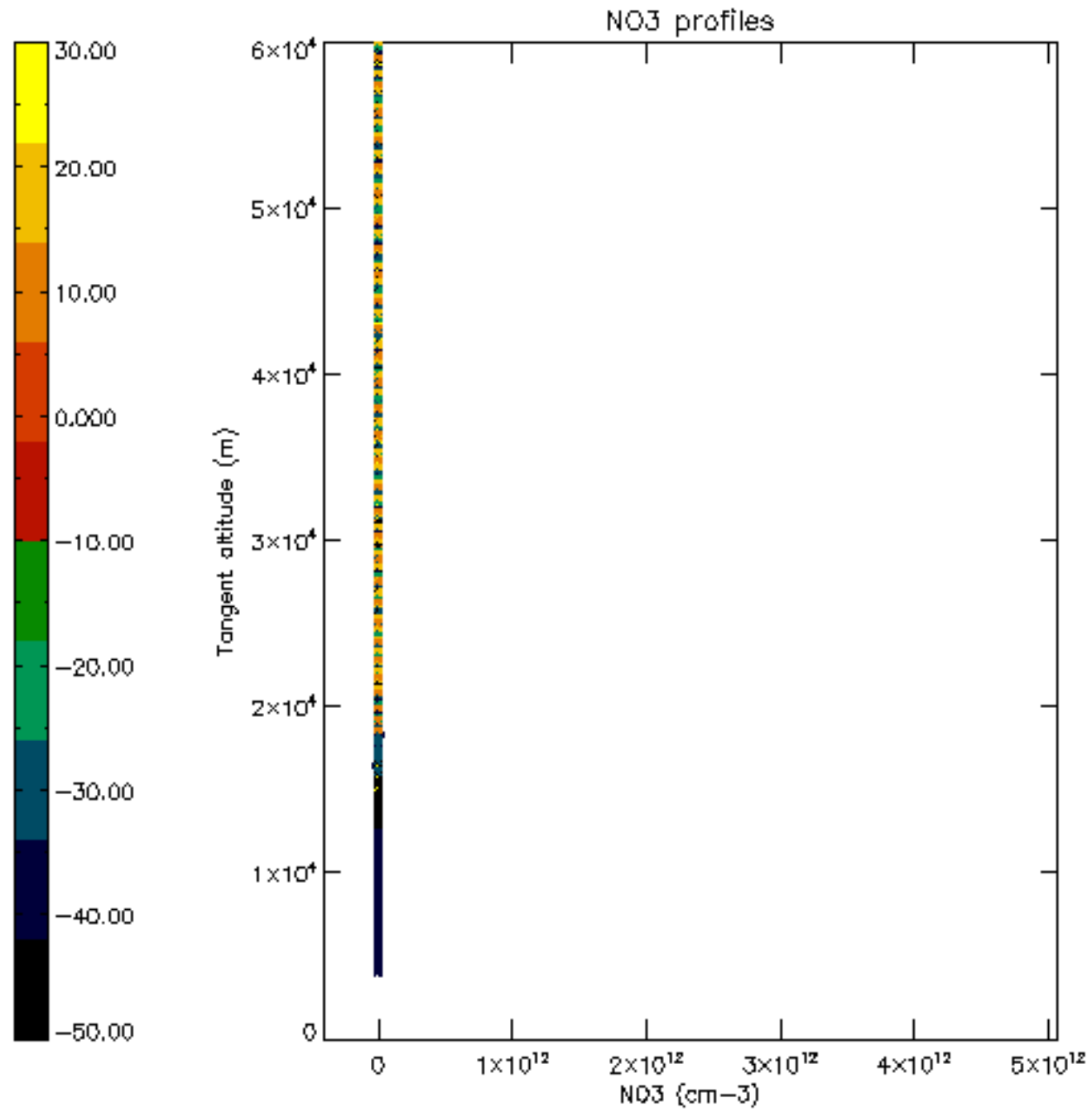


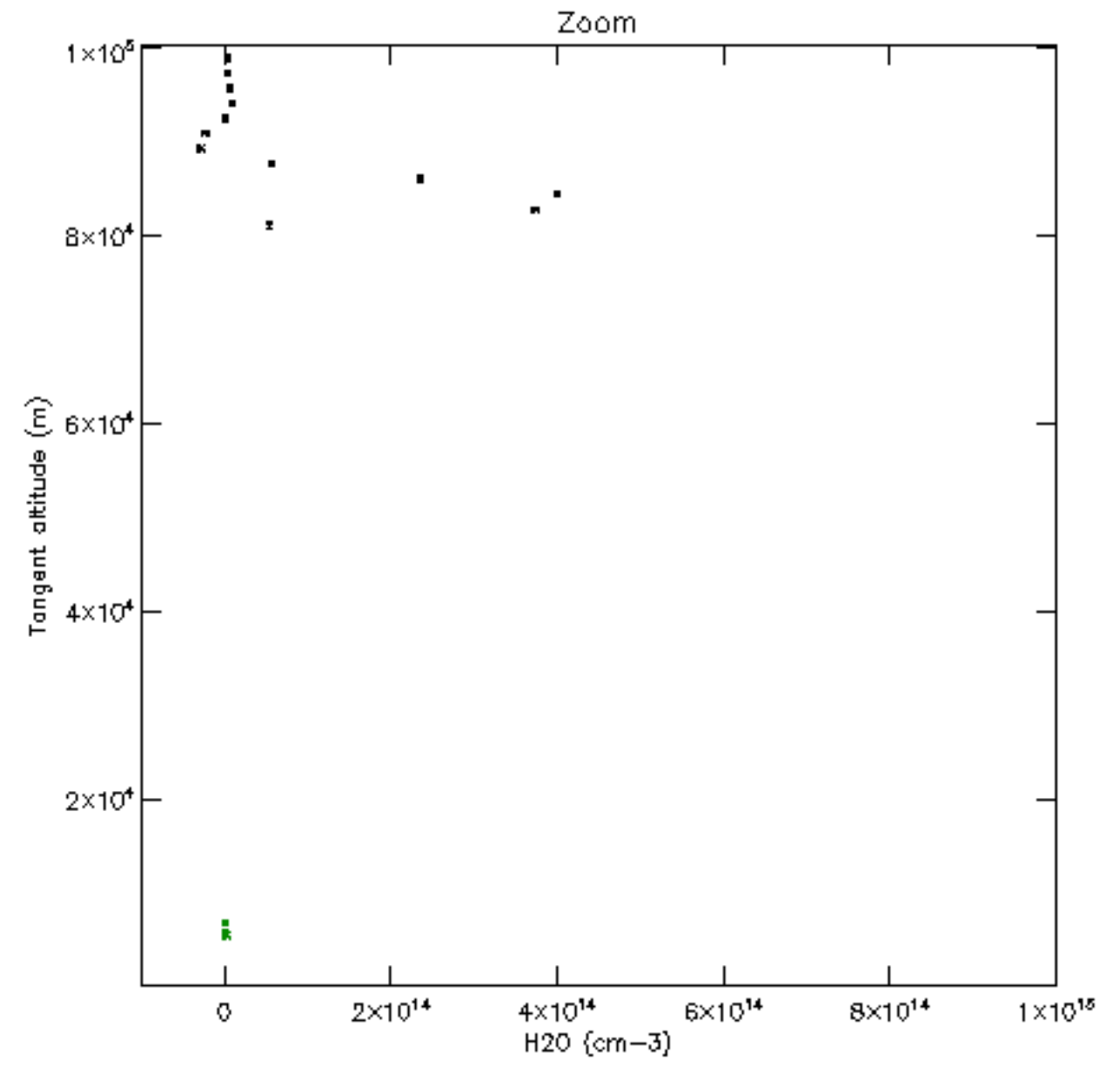
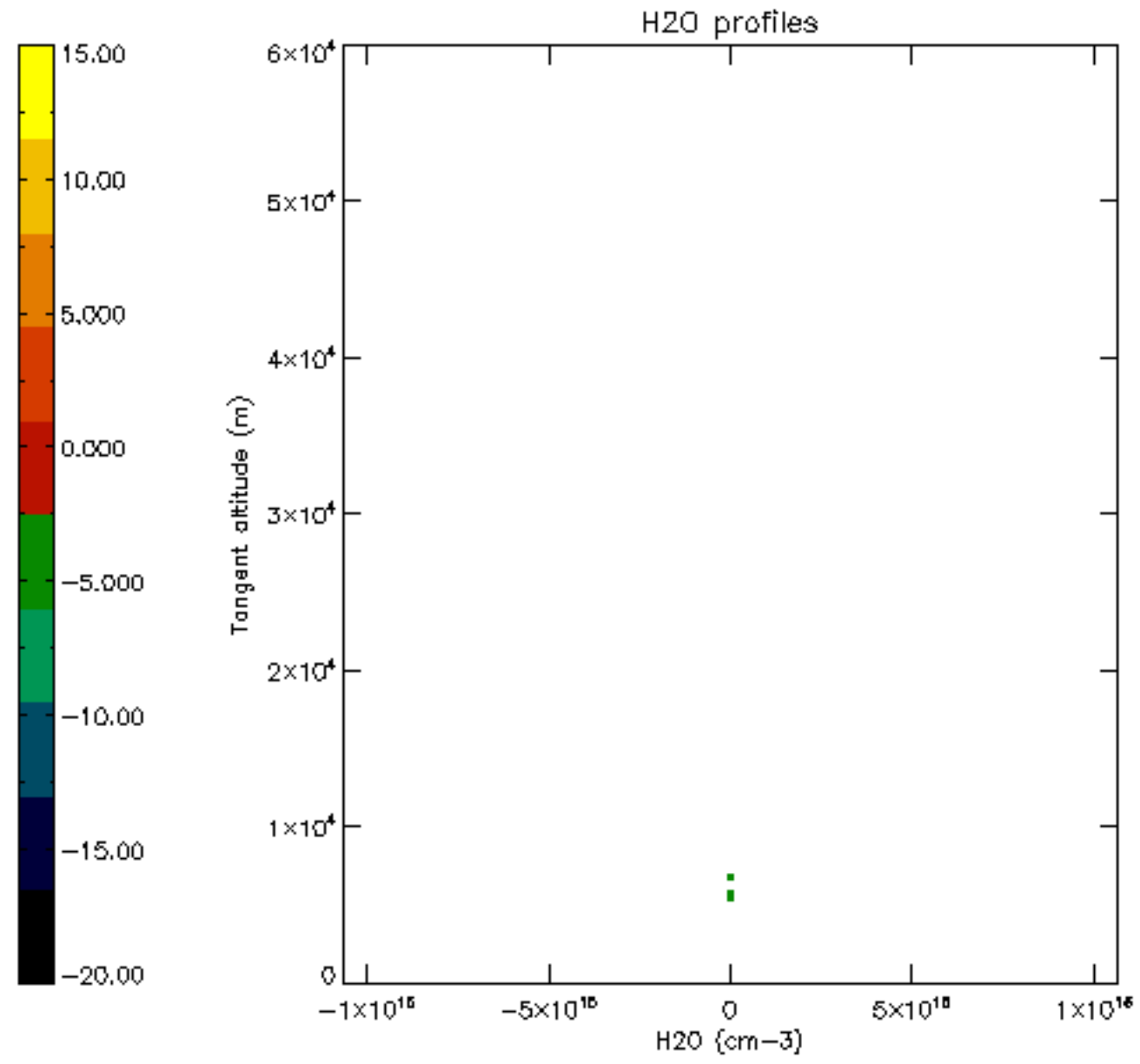


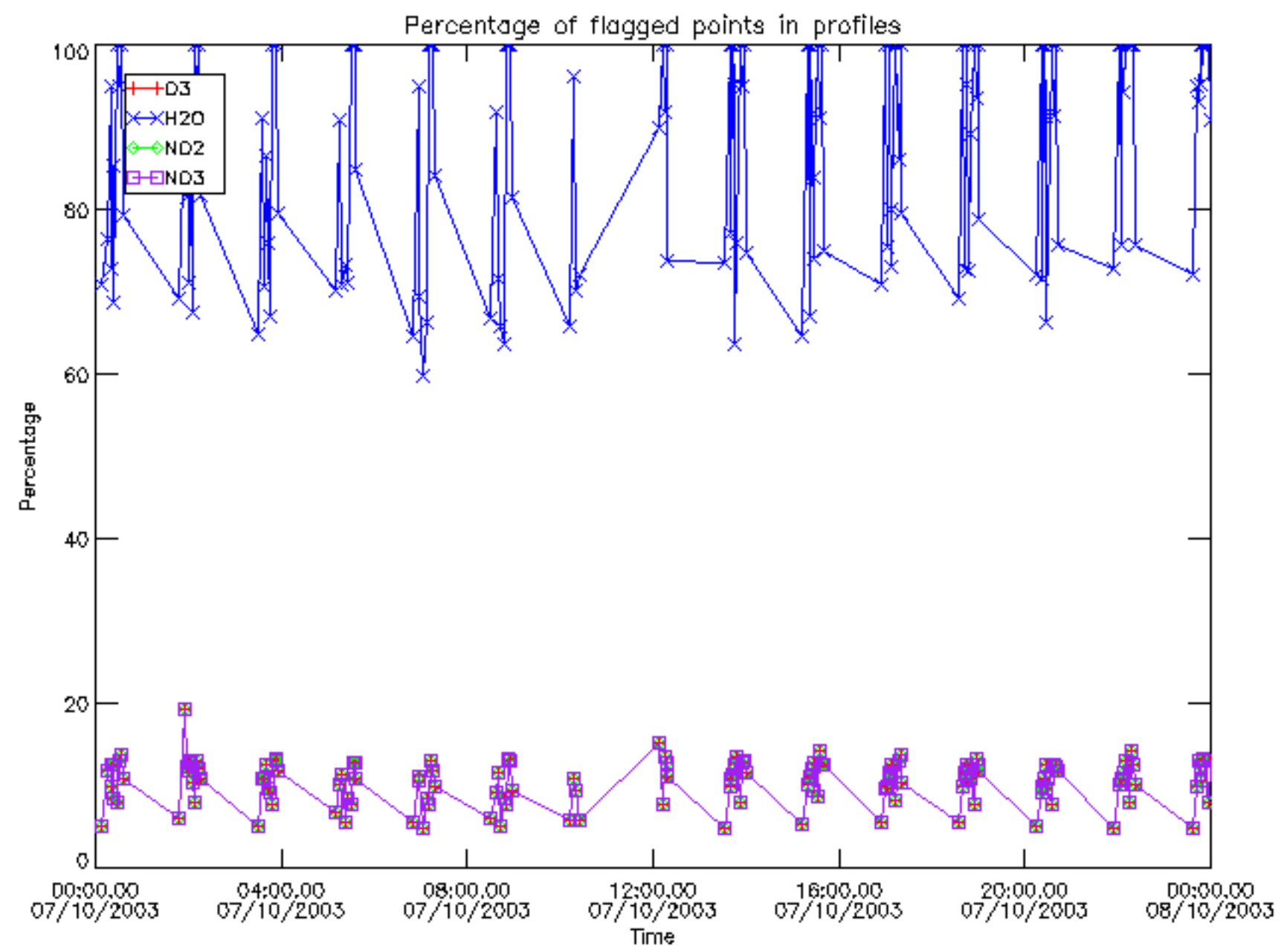






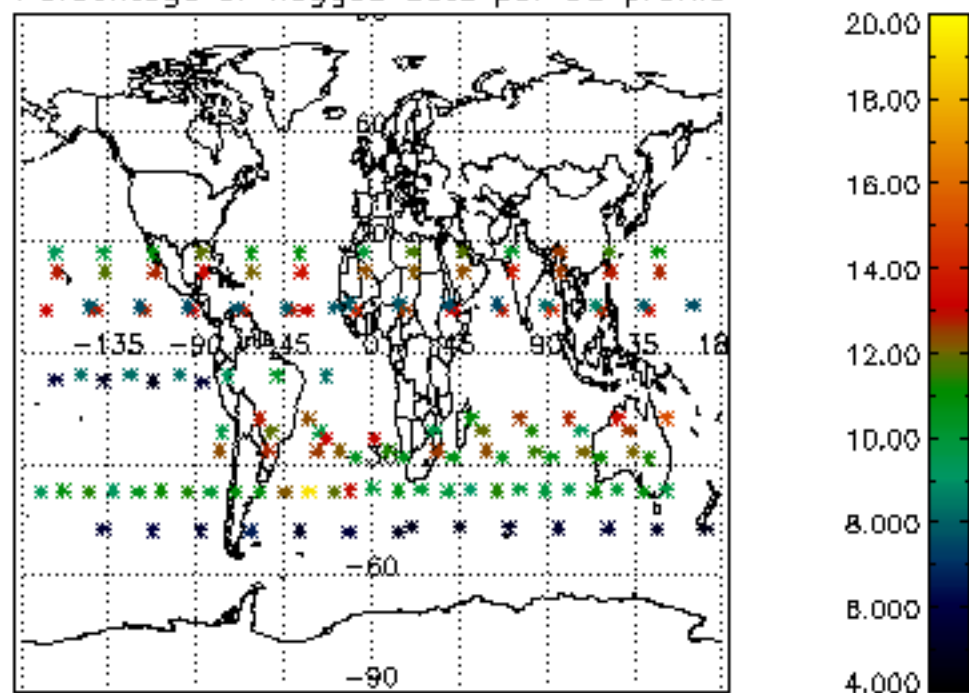




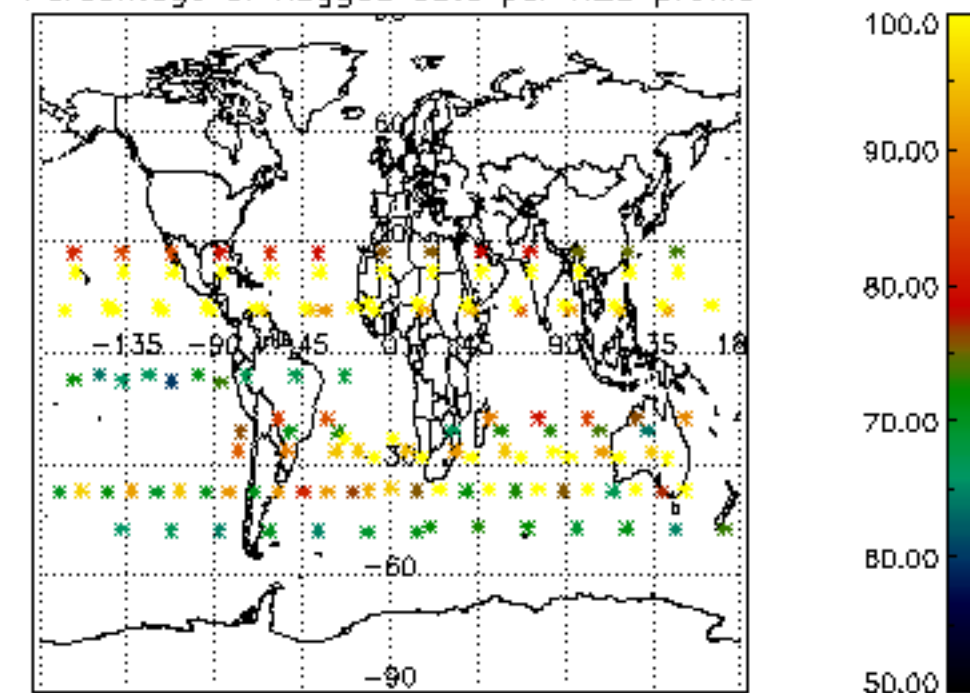




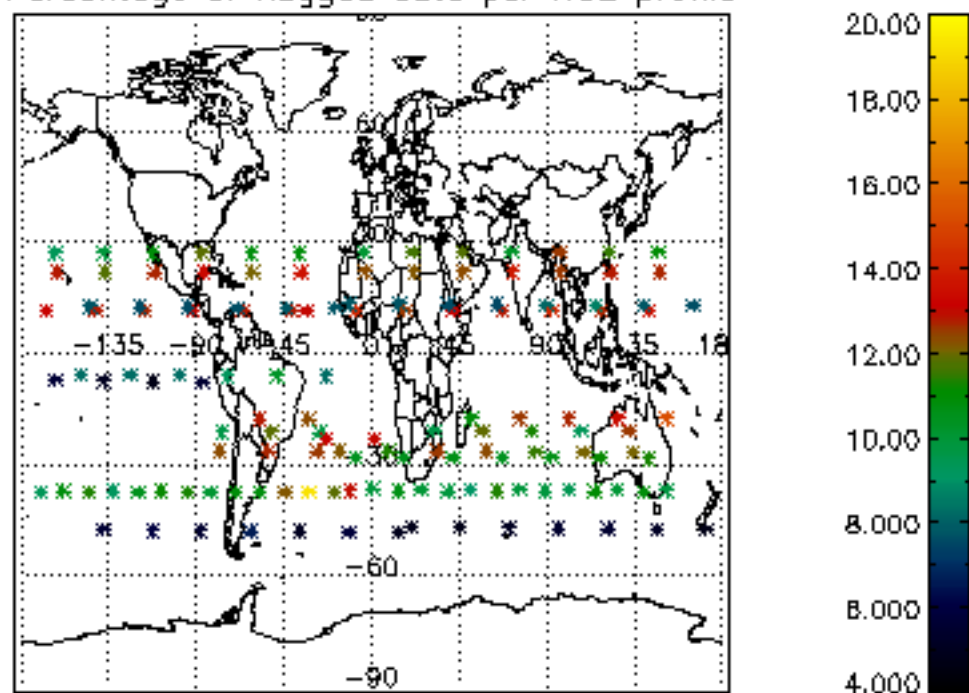
Percentage of flagged data per D3 profile



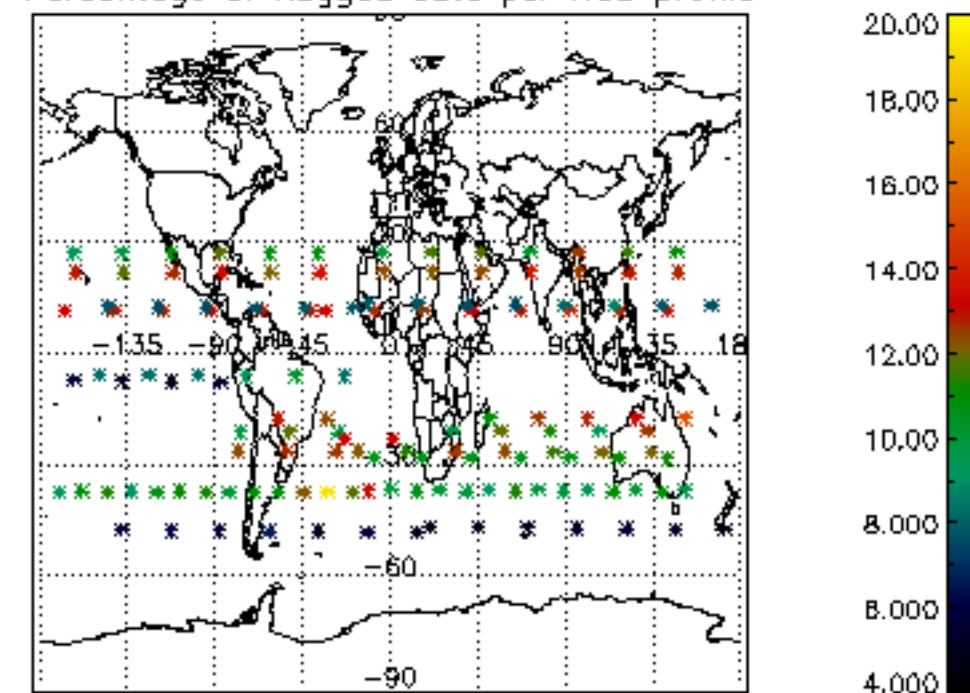
Percentage of flagged data per H2O profile

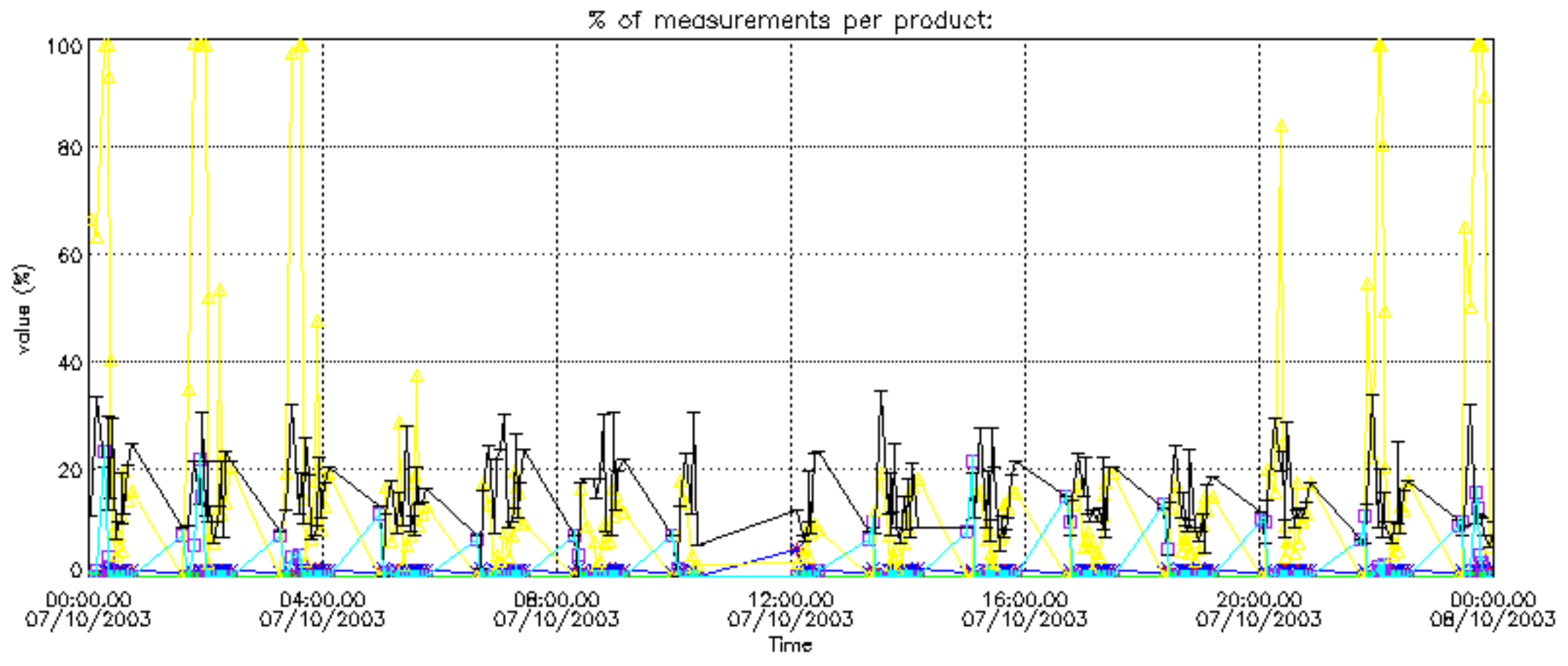


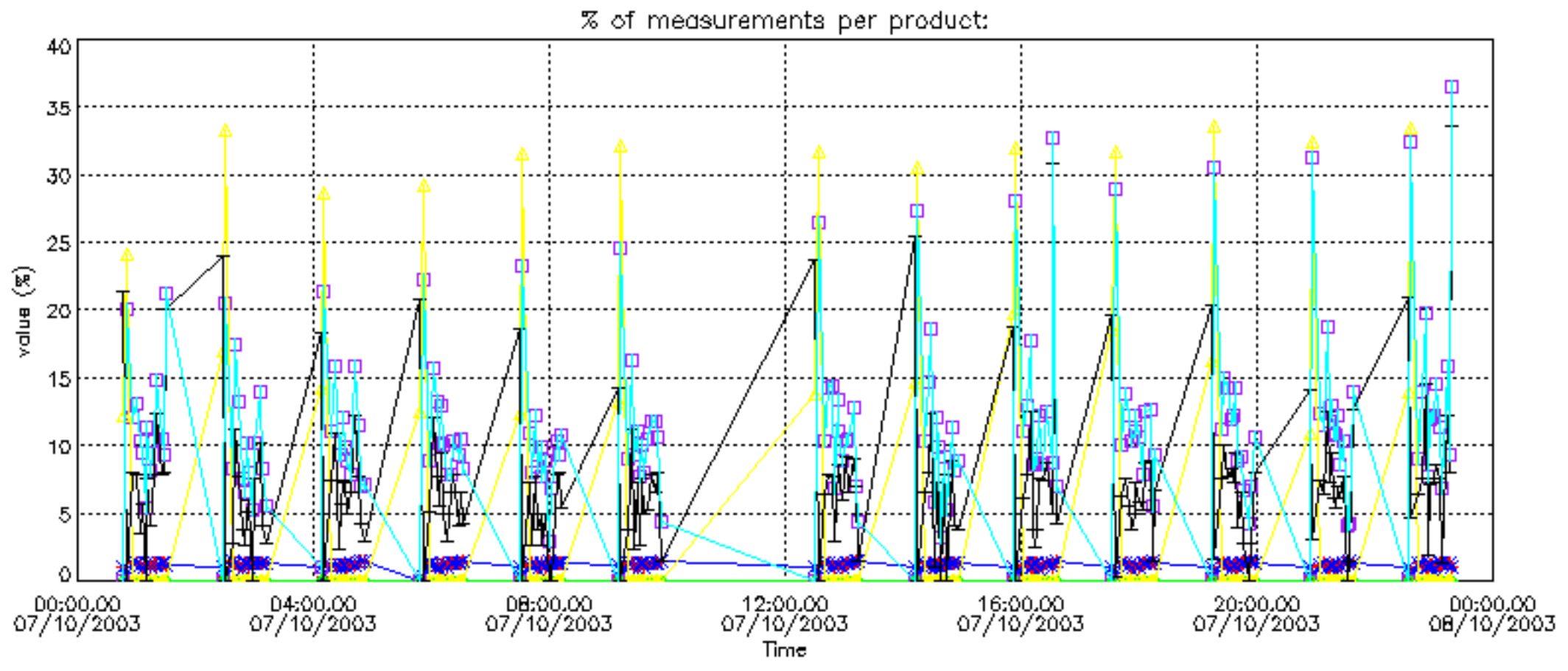
Percentage of flagged data per NO2 profile



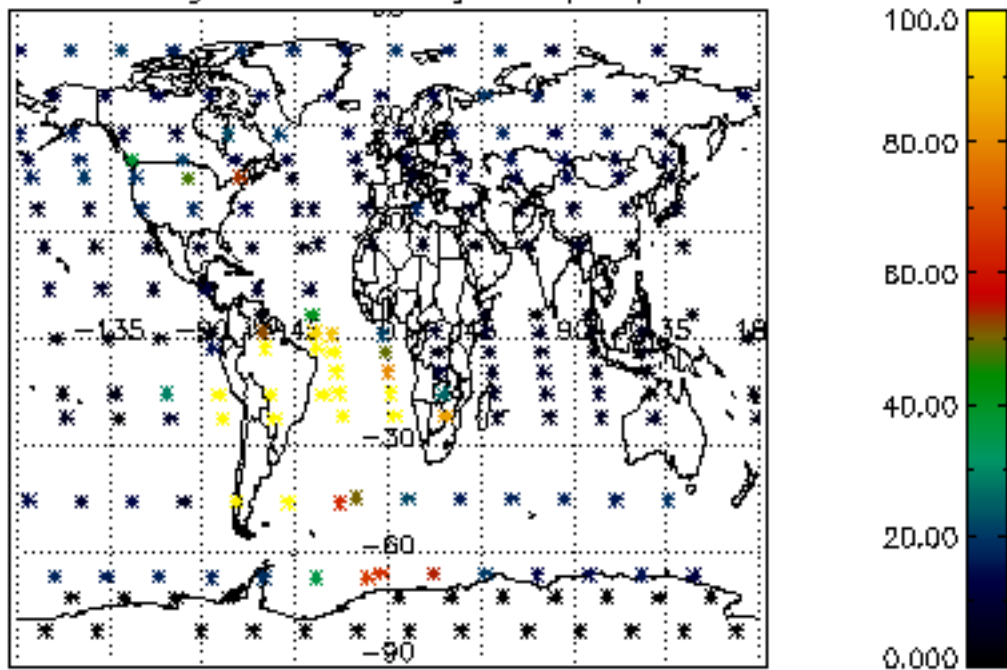
Percentage of flagged data per NO3 profile



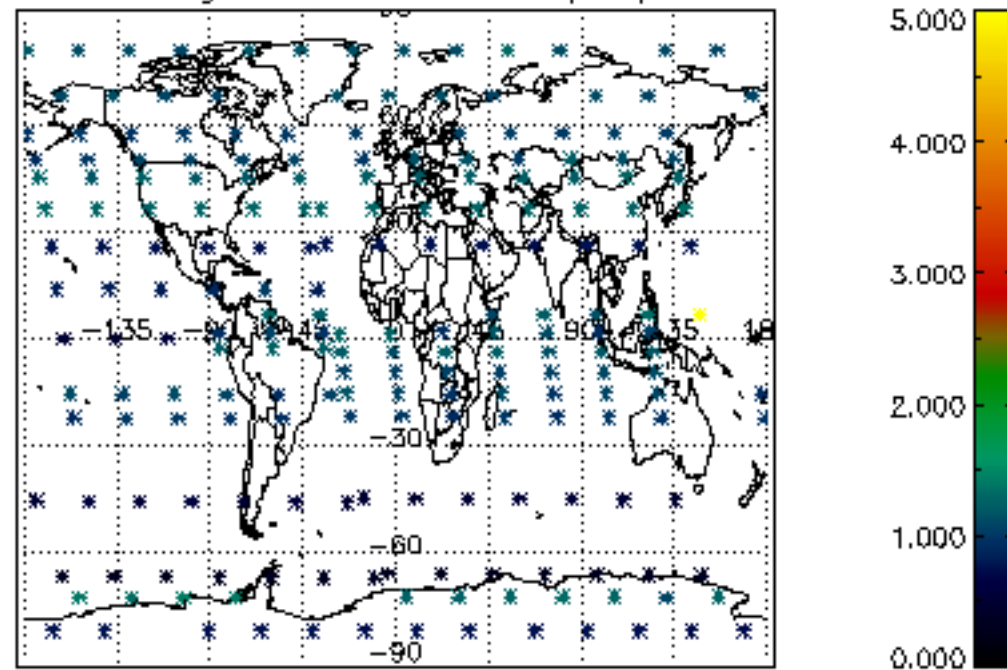




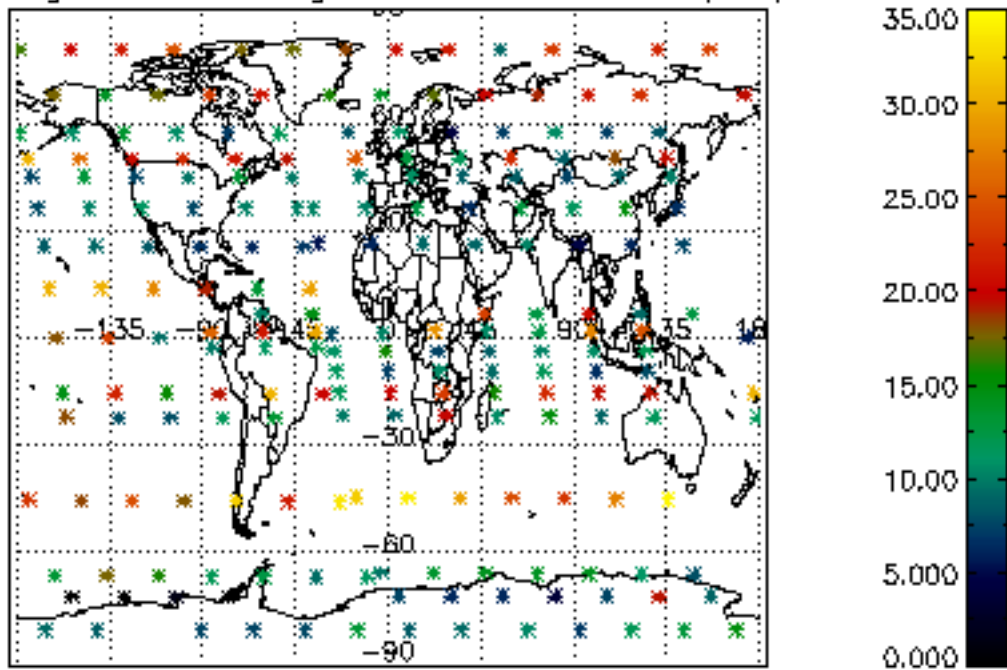
Percentage of cosmic ray hits per profile



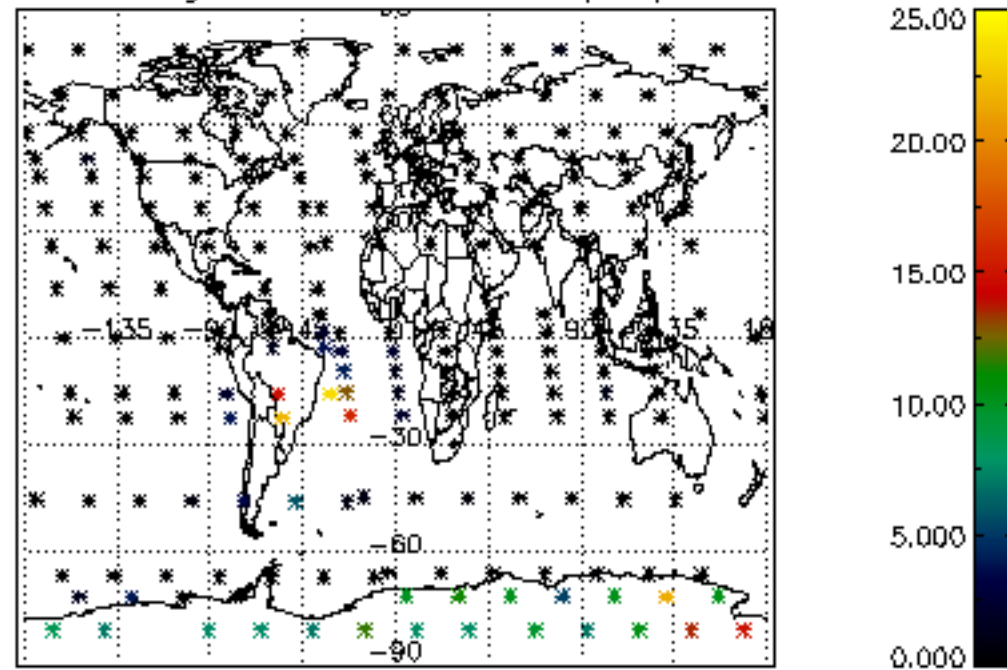
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

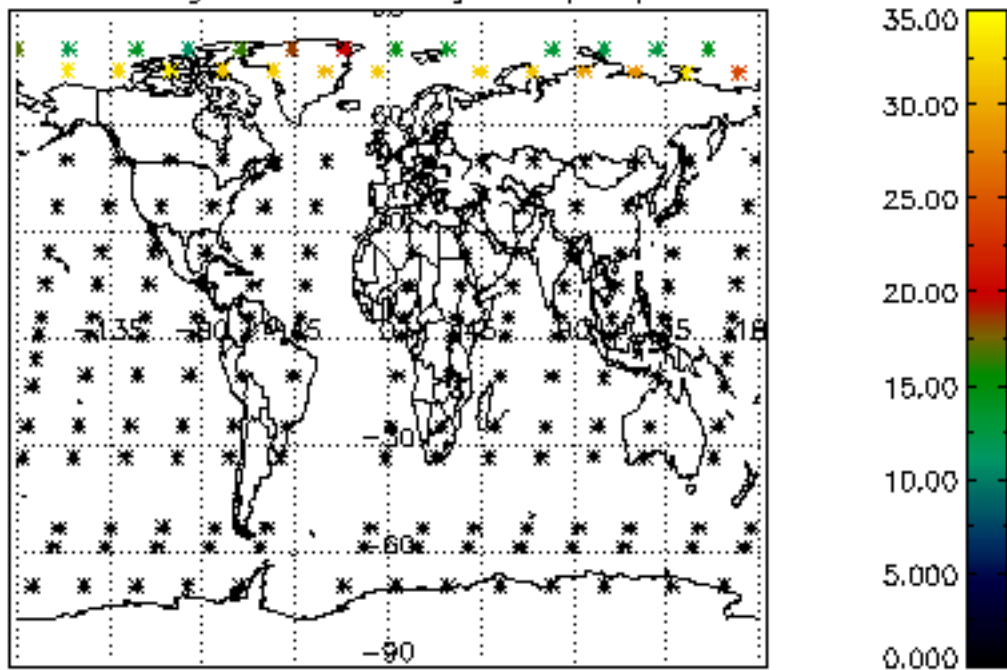


Percentage of saturation errors per profile

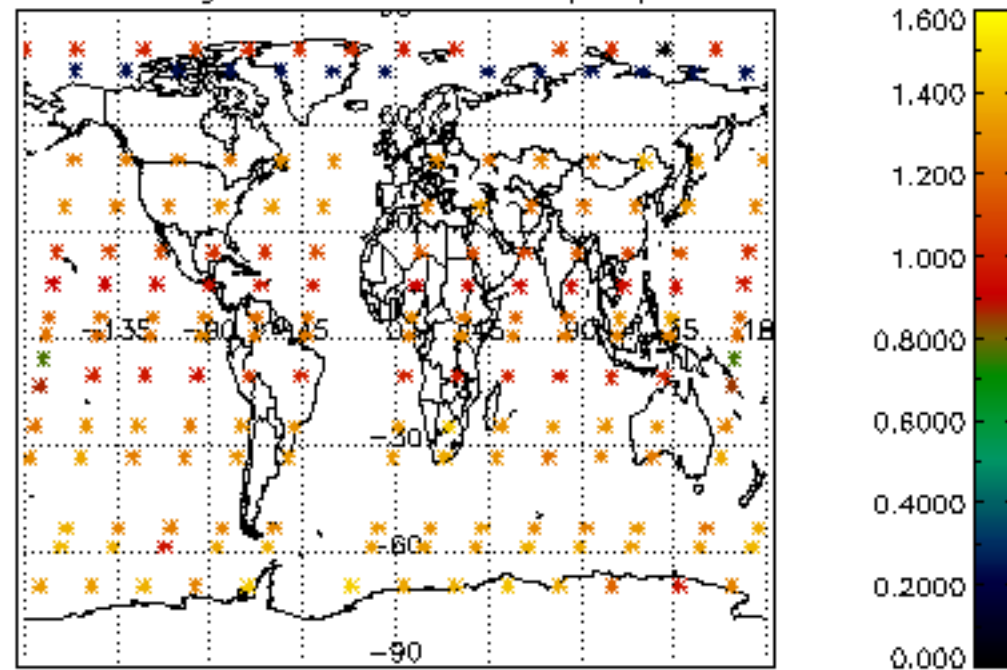




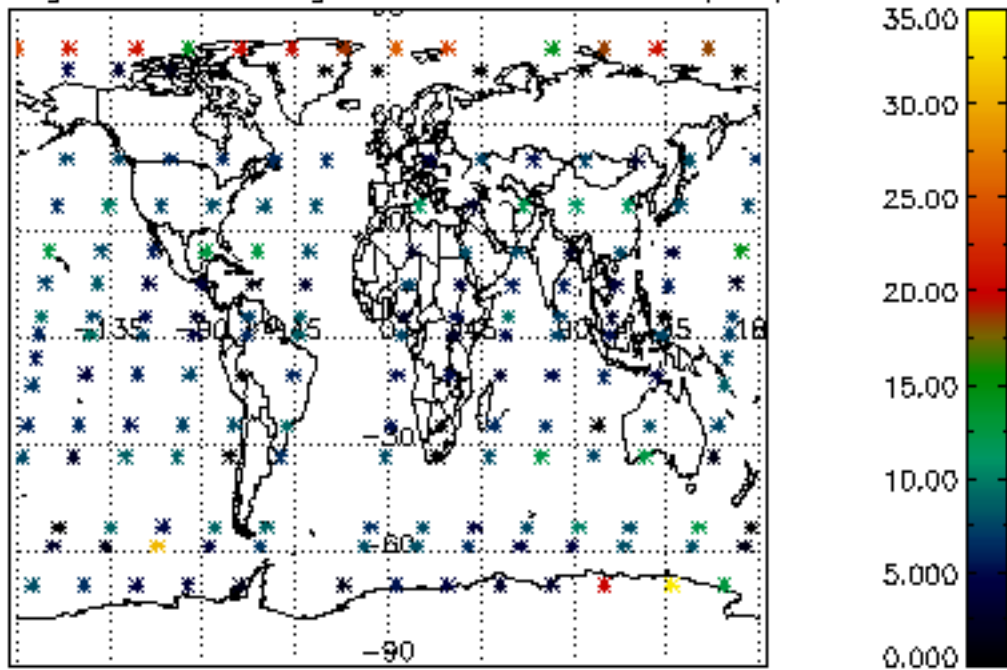
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

