

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 | 17APR2013 20:04:47 |
| Data source version | GOMOS/6.01 |
| Start time of products | 11-11-2002 (11NOV2002 00:00:00) |
| Stop time of products | 12-11-2002 (12NOV2002 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 249 |
| Nb of prods with errors | 172 |

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__2PRFIN20021111_000159_000000592011_00088_03649_1450.N1 | 11-NOV-2002 00:01:59 | Dark | 59.000 | 2 | Alp Car | -0.73600 | 7000.0 | 118 | 3649 | No |
| 2 | GOM_NL__2PRFIN20021111_000615_000000452011_00088_03649_1451.N1 | 11-NOV-2002 00:06:15 | Dark | 44.500 | 143 | Alp Hyi | 2.8570 | 7200.0 | 89 | 3649 | No |
| 3 | GOM_NL__2PRFIN20021111_000736_000000502011_00088_03649_1452.N1 | 11-NOV-2002 00:07:36 | Dark | 50.000 | 9 | Alp Eri | 0.45300 | 24000. | 100 | 3649 | No |
| 4 | GOM_NL__2PRFIN20021111_001115_000000472011_00088_03649_1453.N1 | 11-NOV-2002 00:11:15 | Straylight | 46.500 | 157 | The1Eri | 2.9060 | 9300.0 | 93 | 3649 | No |
| 5 | GOM_NL__2PRFIN20021111_001543_000002172011_00088_03649_1454.N1 | 11-NOV-2002 00:15:43 | Twilight | 217.00 | 1 | 9Alp CMa | -1.4400 | 11000. | 434 | 3649 | No |
| 6 | GOM_NL__2PRFIN20021111_002152_000001292011_00088_03649_1455.N1 | 11-NOV-2002 00:21:52 | Twilight | 129.00 | 7 | 19Bet Ori | 0.10000 | 14000. | 258 | 3649 | No |
| 7 | GOM_NL__2PRFIN20021111_003320_000000452011_00088_03649_1456.N1 | 11-NOV-2002 00:33:20 | Bright | 45.000 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 90 | 3649 | No |
| 8 | GOM_NL__2PRFIN20021111_003525_000000482011_00088_03649_1457.N1 | 11-NOV-2002 00:35:25 | Bright | 47.500 | 73 | 57Gam1And | 2.2600 | 13100. | 95 | 3649 | No |
| 9 | GOM_NL__2PRFIN20021111_003724_000000542011_00088_03649_1458.N1 | 11-NOV-2002 00:37:24 | Bright | 54.000 | 149 | 45Eps Per | 2.8880 | 30000. | 108 | 3649 | No |
| 10 | GOM_NL__2PRFIN20021111_003929_000000452011_00088_03649_1459.N1 | 11-NOV-2002 00:39:29 | Bright | 44.500 | 68 | 18Alp Cas | 2.2250 | 4500.0 | 89 | 3649 | No |
| 11 | GOM_NL__2PRFIN20021111_004321_000000722011_00088_03649_1460.N1 | 11-NOV-2002 00:43:21 | Bright | 71.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 143 | 3649 | No |
| 12 | GOM_NL__2PRFIN20021111_004833_000000442011_00088_03649_1461.N1 | 11-NOV-2002 00:48:33 | Bright | 44.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 88 | 3649 | No |
| 13 | GOM_NL__2PRFIN20021111_005246_000000452011_00088_03649_1462.N1 | 11-NOV-2002 00:52:46 | Bright | 45.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 90 | 3649 | No |
| 14 | GOM_NL__2PRFIN20021111_005624_000000522011_00088_03649_1463.N1 | 11-NOV-2002 00:56:24 | Bright | 51.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 103 | 3649 | No |
| 15 | GOM_NL__2PRFIN20021111_005802_000000512011_00088_03649_1464.N1 | 11-NOV-2002 00:58:02 | Bright | 50.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 101 | 3649 | No |
| 16 | GOM_NL__2PRFIN20021111_010002_000000412011_00088_03649_1465.N1 | 11-NOV-2002 01:00:02 | Bright | 41.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 82 | 3649 | No |
| 17 | GOM_NL__2PRFIN20021111_010158_000000522011_00088_03649_1466.N1 | 11-NOV-2002 01:01:58 | Bright | 51.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 103 | 3649 | No |
| 18 | GOM_NL__2PRFIN20021111_011111_000000882011_00088_03649_1467.N1 | 11-NOV-2002 01:11:11 | Bright | 87.500 | 166 | 17Eps Leo | 2.9800 | 6000.0 | 175 | 3649 | No |
| 19 | GOM_NL__2PRFIN20021111_011751_000001902011_00088_03649_1468.N1 | 11-NOV-2002 01:17:51 | Dark | 190.00 | 1015 | Jupiter | 0.0000 | 0.0000 | 380 | 3649 | Yes |
| 20 | GOM_NL__2PRFIN20021111_012713_000001292011_00088_03649_1469.N1 | 11-NOV-2002 01:27:13 | Dark | 129.00 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 258 | 3649 | No |
| 21 | GOM_NL__2PRFIN20021111_013146_000000462011_00088_03649_1470.N1 | 11-NOV-2002 01:31:46 | Dark | 46.000 | 12 | Alp1Cru | 0.77500 | 30000. | 92 | 3649 | No |
| 22 | GOM_NL__2PRFIN20021111_013403_000000182011_00089_03650_1448.N1 | 11-NOV-2002 01:34:03 | Dark | 17.500 | 124 | The Car | 2.7640 | 30000. | 35 | 3650 | Yes |
| 23 | GOM_NL__2PRFIN20021111_013538_000000212011_00089_03650_1449.N1 | 11-NOV-2002 01:35:38 | Dark | 21.000 | 71 | lot Car | 2.2460 | 7700.0 | 42 | 3650 | Yes |
| 24 | GOM_NL__2PRFIN20021111_013654_000000192011_00089_03650_1450.N1 | 11-NOV-2002 01:36:54 | Dark | 19.000 | 29 | Bet Car | 1.6720 | 10200. | 38 | 3650 | Yes |
| 25 | GOM_NL__2PRFIN20021111_013812_000000242011_00089_03650_1451.N1 | 11-NOV-2002 01:38:12 | Dark | 24.000 | 34 | Gam2Vel | 1.7930 | 23000. | 48 | 3650 | Yes |
| 26 | GOM_NL__2PRFIN20021111_014308_000000342011_00089_03650_1452.N1 | 11-NOV-2002 01:43:08 | Dark | 33.500 | 2 | Alp Car | -0.73600 | 7000.0 | 67 | 3650 | Yes |
| 27 | GOM_NL__2PRFIN20021111_014430_000000382011_00089_03650_1453.N1 | 11-NOV-2002 01:44:30 | Dark | 38.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 76 | 3650 | Yes |
| 28 | GOM_NL__2PRFIN20021111_014719_000000192011_00089_03650_1454.N1 | 11-NOV-2002 01:47:19 | Dark | 18.500 | 143 | Alp Hyi | 2.8570 | 7200.0 | 37 | 3650 | Yes |
| 29 | GOM_NL__2PRFIN20021111_014840_000000292011_00089_03650_1455.N1 | 11-NOV-2002 01:48:40 | Dark | 29.000 | 9 | Alp Eri | 0.45300 | 24000. | 58 | 3650 | Yes |
| 30 | GOM_NL__2PRFIN20021111_014956_000000262011_00089_03650_1456.N1 | 11-NOV-2002 01:49:56 | Dark | 25.500 | 108 | Alp Col | 2.6520 | 15200. | 51 | 3650 | Yes |
| 31 | GOM_NL__2PRFIN20021111_015220_000000182011_00089_03650_1457.N1 | 11-NOV-2002 01:52:20 | Dark | 17.500 | 157 | The1Eri | 2.9060 | 9300.0 | 35 | 3650 | Yes |
| 32 | GOM_NL__2PRFIN20021111_015611_000000402011_00089_03650_1458.N1 | 11-NOV-2002 01:56:11 | Dark | 40.000 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 80 | 3650 | Yes |
| 33 | GOM_NL__2PRFIN20021111_015922_000001692011_00089_03650_1459.N1 | 11-NOV-2002 01:59:22 | Twilight | 169.00 | 1 | 9Alp CMa | -1.4400 | 11000. | 338 | 3650 | No |
| 34 | GOM_NL__2PRFIN20021111_020329_000000572011_00089_03650_1460.N1 | 11-NOV-2002 02:03:29 | Dark | 57.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 114 | 3650 | Yes |
| 35 | GOM_NL__2PRFIN20021111_020540_000000292011_00089_03650_1461.N1 | 11-NOV-2002 02:05:40 | Dark | 29.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 58 | 3650 | Yes |
| 36 | GOM_NL__2PRFIN20021111_021018_000000162011_00089_03650_1462.N1 | 11-NOV-2002 02:10:18 | Bright | 15.500 | 105 | 6Bet Ari | 2.6450 | 8900.0 | 31 | 3650 | No |
| 37 | GOM_NL__2PRFIN20021111_021426_000000162011_00089_03650_1463.N1 | 11-NOV-2002 02:14:26 | Dark | 16.000 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 32 | 3650 | Yes |
| 38 | GOM_NL__2PRFIN20021111_021629_000000172011_00089_03650_1464.N1 | 11-NOV-2002 02:16:29 | Dark | 16.500 | 73 | 57Gam1And | 2.2600 | 13100. | 33 | 3650 | Yes |
| 39 | GOM_NL__2PRFIN20021111_021835_000000192011_00089_03650_1465.N1 | 11-NOV-2002 02:18:35 | Dark | 19.000 | 149 | 45Eps Per | 2.8880 | 30000. | 38 | 3650 | Yes |
| 40 | GOM_NL__2PRFIN20021111_022439_000000282011_00089_03650_1466.N1 | 11-NOV-2002 02:24:39 | Dark | 27.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 55 | 3650 | Yes |
| 41 | GOM_NL__2PRFIN20021111_022938_000000152011_00089_03650_1467.N1 | 11-NOV-2002 02:29:38 | Bright | 15.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 30 | 3650 | No |
| 42 | GOM_NL__2PRFIN20021111_023350_000000202011_00089_03650_1468.N1 | 11-NOV-2002 02:33:50 | Dark | 19.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 39 | 3650 | Yes |

| | | | | | | | | | | | |
|-----|---|----------------------|----------------|--------|------|-----------|----------|--------|-----|------|-----|
| 43 | GOM_NL__2PRFIN20021111_023731_000000202011_00089_03650_1469.N1 | 11-NOV-2002 02:37:31 | Dark | 19.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 39 | 3650 | Yes |
| 44 | GOM_NL__2PRFIN20021111_023910_000000192011_00089_03650_1470.N1 | 11-NOV-2002 02:39:10 | Dark | 18.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 37 | 3650 | Yes |
| 45 | GOM_NL__2PRFIN20021111_024017_000000162011_00089_03650_1471.N1 | 11-NOV-2002 02:40:17 | Bright | 16.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 32 | 3650 | No |
| 46 | GOM_NL__2PRFIN20021111_024306_000000192011_00089_03650_1472.N1 | 11-NOV-2002 02:43:06 | Dark | 18.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 37 | 3650 | Yes |
| 47 | GOM_NL__2PRFIN20021111_024436_000000152011_00089_03650_1473.N1 | 11-NOV-2002 02:44:36 | Dark | 14.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 29 | 3650 | Yes |
| 48 | GOM_NL__2PRFIN20021111_025114_000000202011_00089_03650_1474.N1 | 11-NOV-2002 02:51:14 | Dark | 19.500 | 96 | 68Del Leo | 2.5600 | 9300.0 | 39 | 3650 | Yes |
| 49 | GOM_NL__2PRFIN20021111_025243_000000322011_00089_03650_1475.N1 | 11-NOV-2002 02:52:43 | Dark | 31.500 | 166 | 17Eps Leo | 2.9800 | 6000.0 | 63 | 3650 | Yes |
| 50 | GOM_NL__2PRFIN20021111_025702_000000432011_00089_03650_1476.N1 | 11-NOV-2002 02:57:02 | Dark | 42.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 85 | 3650 | Yes |
| 51 | GOM_NL__2PRFIN20021111_030001_000001002011_00089_03650_1477.N1 | 11-NOV-2002 03:00:01 | Dark | 99.500 | 1015 | Jupiter | 0.0000 | 0.0000 | 199 | 3650 | Yes |
| 52 | GOM_NL__2PRFIN20021111_030852_000000182011_00089_03650_1478.N1 | 11-NOV-2002 03:08:52 | Dark | 18.000 | 64 | Gam Cen | 2.2000 | 10600. | 36 | 3650 | Yes |
| 53 | GOM_NL__2PRFIN20021111_030946_000000212011_00089_03650_1479.N1 | 11-NOV-2002 03:09:46 | Dark | 21.000 | 99 | Del Cen | 2.5750 | 26000. | 42 | 3650 | Yes |
| 54 | GOM_NL__2PRFIN20021111_031144_000000232011_00089_03650_1480.N1 | 11-NOV-2002 03:11:44 | Dark | 22.500 | 20 | Bet Cru | 1.2530 | 30000. | 45 | 3650 | Yes |
| 55 | GOM_NL__2PRFIN20021111_031249_000000182011_00090_03651_1481.N1 | 11-NOV-2002 03:12:49 | Dark | 18.000 | 12 | Alp1Cru | 0.77500 | 30000. | 36 | 3651 | Yes |
| 56 | GOM_NL__2PRFIN20021111_031439_000000192011_00090_03651_1448.N1 | 11-NOV-2002 03:14:39 | Dark | 19.000 | 124 | The Car | 2.7640 | 30000. | 38 | 3651 | Yes |
| 57 | GOM_NL__2PRFIN20021111_031614_000000222011_00090_03651_1449.N1 | 11-NOV-2002 03:16:14 | Dark | 22.000 | 71 | Iot Car | 2.2460 | 7700.0 | 44 | 3651 | Yes |
| 58 | GOM_NL__2PRFIN20021111_031730_000000182011_00090_03651_1450.N1 | 11-NOV-2002 03:17:30 | Dark | 17.500 | 29 | Bet Car | 1.6720 | 10200. | 35 | 3651 | Yes |
| 59 | GOM_NL__2PRFIN20021111_031849_000000232011_00090_03651_1451.N1 | 11-NOV-2002 03:18:49 | Dark | 23.000 | 34 | Gam2Vel | 1.7930 | 23000. | 46 | 3651 | Yes |
| 60 | GOM_NL__2PRFIN20021111_032344_000000272011_00090_03651_1452.N1 | 11-NOV-2002 03:23:44 | Dark | 26.500 | 2 | Alp Car | -0.73600 | 7000.0 | 53 | 3651 | Yes |
| 61 | GOM_NL__2PRFIN20021111_032507_000000372011_00090_03651_1453.N1 | 11-NOV-2002 03:25:07 | Dark | 37.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 74 | 3651 | Yes |
| 62 | GOM_NL__2PRFIN20021111_032754_000000172011_00090_03651_1454.N1 | 11-NOV-2002 03:27:54 | Dark | 17.000 | 143 | Alp Hyi | 2.8570 | 7200.0 | 34 | 3651 | Yes |
| 63 | GOM_NL__2PRFIN20021111_032915_000000222011_00090_03651_1455.N1 | 11-NOV-2002 03:29:15 | Dark | 22.000 | 9 | Alp Eri | 0.45300 | 24000. | 44 | 3651 | Yes |
| 64 | GOM_NL__2PRFIN20021111_033033_000000292011_00090_03651_1456.N1 | 11-NOV-2002 03:30:33 | Dark | 28.500 | 108 | Alp Col | 2.6520 | 15200. | 57 | 3651 | Yes |
| 65 | GOM_NL__2PRFIN20021111_033255_000000202011_00090_03651_1457.N1 | 11-NOV-2002 03:32:55 | Dark | 19.500 | 157 | The1Eri | 2.9060 | 9300.0 | 39 | 3651 | Yes |
| 66 | GOM_NL__2PRFIN20021111_033647_000000392011_00090_03651_1458.N1 | 11-NOV-2002 03:36:47 | Dark | 39.000 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 78 | 3651 | Yes |
| 67 | GOM_NL__2PRFIN20021111_033956_0000001692011_00090_03651_1459.N1 | 11-NOV-2002 03:39:56 | Tw_i_and_stray | 169.00 | 1 | 9Alp CMa | -1.4400 | 11000. | 338 | 3651 | No |
| 68 | GOM_NL__2PRFIN20021111_034405_000000602011_00090_03651_1460.N1 | 11-NOV-2002 03:44:05 | Dark | 59.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 119 | 3651 | Yes |
| 69 | GOM_NL__2PRFIN20021111_034615_000000352011_00090_03651_1461.N1 | 11-NOV-2002 03:46:15 | Dark | 35.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 70 | 3651 | Yes |
| 70 | GOM_NL__2PRFIN20021111_035054_000000182011_00090_03651_1462.N1 | 11-NOV-2002 03:50:54 | Bright | 18.000 | 105 | 6Bet Ari | 2.6450 | 8900.0 | 36 | 3651 | No |
| 71 | GOM_NL__2PRFIN20021111_035501_000000172011_00090_03651_1463.N1 | 11-NOV-2002 03:55:01 | Dark | 17.000 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 34 | 3651 | Yes |
| 72 | GOM_NL__2PRFIN20021111_035705_000000192011_00090_03651_1464.N1 | 11-NOV-2002 03:57:05 | Dark | 18.500 | 73 | 57Gam1And | 2.2600 | 13100. | 37 | 3651 | Yes |
| 73 | GOM_NL__2PRFIN20021111_035910_000000182011_00090_03651_1465.N1 | 11-NOV-2002 03:59:10 | Dark | 18.000 | 149 | 45Eps Per | 2.8880 | 30000. | 36 | 3651 | Yes |
| 74 | GOM_NL__2PRFIN20021111_040514_000000292011_00090_03651_1466.N1 | 11-NOV-2002 04:05:14 | Dark | 28.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 57 | 3651 | Yes |
| 75 | GOM_NL__2PRFIN20021111_041014_000000132011_00090_03651_1467.N1 | 11-NOV-2002 04:10:14 | Bright | 13.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 26 | 3651 | No |
| 76 | GOM_NL__2PRFIN20021111_041426_000000182011_00090_03651_1468.N1 | 11-NOV-2002 04:14:26 | Dark | 17.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 35 | 3651 | Yes |
| 77 | GOM_NL__2PRFIN20021111_041807_000000212011_00090_03651_1469.N1 | 11-NOV-2002 04:18:07 | Dark | 21.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 42 | 3651 | Yes |
| 78 | GOM_NL__2PRFIN20021111_041946_000000192011_00090_03651_1470.N1 | 11-NOV-2002 04:19:46 | Dark | 18.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 37 | 3651 | Yes |
| 79 | GOM_NL__2PRFIN20021111_042053_000000182011_00090_03651_1471.N1 | 11-NOV-2002 04:20:53 | Bright | 18.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 36 | 3651 | No |
| 80 | GOM_NL__2PRFIN20021111_042342_000000192011_00090_03651_1472.N1 | 11-NOV-2002 04:23:42 | Dark | 18.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 37 | 3651 | Yes |
| 81 | GOM_NL__2PRFIN20021111_042513_000000162011_00090_03651_1473.N1 | 11-NOV-2002 04:25:13 | Dark | 16.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 32 | 3651 | Yes |
| 82 | GOM_NL__2PRFIN20021111_043151_000000222011_00090_03651_1474.N1 | 11-NOV-2002 04:31:51 | Dark | 21.500 | 96 | 68Del Leo | 2.5600 | 9300.0 | 43 | 3651 | Yes |
| 83 | GOM_NL__2PRFIN20021111_043320_000000412011_00090_03651_1475.N1 | 11-NOV-2002 04:33:20 | Dark | 40.500 | 166 | 17Eps Leo | 2.9800 | 6000.0 | 81 | 3651 | Yes |
| 84 | GOM_NL__2PRFIN20021111_043739_000000442011_00090_03651_1476.N1 | 11-NOV-2002 04:37:39 | Dark | 43.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 87 | 3651 | Yes |
| 85 | GOM_NL__2PRFIN20021111_044040_000001022011_00090_03651_1477.N1 | 11-NOV-2002 04:40:40 | Dark | 102.00 | 1015 | Jupiter | 0.0000 | 0.0000 | 204 | 3651 | Yes |
| 86 | GOM_NL__2PRFIN20021111_044929_000000202011_00090_03651_1478.N1 | 11-NOV-2002 04:49:29 | Dark | 20.000 | 64 | Gam Cen | 2.2000 | 10600. | 40 | 3651 | Yes |
| 87 | GOM_NL__2PRFIN20021111_045023_000000202011_00090_03651_1479.N1 | 11-NOV-2002 04:50:23 | Dark | 19.500 | 99 | Del Cen | 2.5750 | 26000. | 39 | 3651 | Yes |
| 88 | GOM_NL__2PRFIN20021111_045220_000000212011_00090_03651_1480.N1 | 11-NOV-2002 04:52:20 | Dark | 21.000 | 20 | Bet Cru | 1.2530 | 30000. | 42 | 3651 | Yes |
| 89 | GOM_NL__2PRFIN20021111_045325_000000182011_00091_03652_1481.N1 | 11-NOV-2002 04:53:25 | Dark | 18.000 | 12 | Alp1Cru | 0.77500 | 30000. | 36 | 3652 | Yes |
| 90 | GOM_NL__2PRFIN20021111_045516_000000182011_00091_03652_1469.N1 | 11-NOV-2002 04:55:16 | Dark | 18.000 | 124 | The Car | 2.7640 | 30000. | 36 | 3652 | Yes |
| 91 | GOM_NL__2PRFIN20021111_045651_000000192011_00091_03652_1470.N1 | 11-NOV-2002 04:56:51 | Dark | 18.500 | 71 | Iot Car | 2.2460 | 7700.0 | 37 | 3652 | Yes |
| 92 | GOM_NL__2PRFIN20021111_045807_000000192011_00091_03652_1471.N1 | 11-NOV-2002 04:58:07 | Dark | 19.000 | 29 | Bet Car | 1.6720 | 10200. | 38 | 3652 | Yes |
| 93 | GOM_NL__2PRFIN20021111_045926_000000232011_00091_03652_1472.N1 | 11-NOV-2002 04:59:26 | Dark | 22.500 | 34 | Gam2Vel | 1.7930 | 23000. | 45 | 3652 | Yes |
| 94 | GOM_NL__2PRFIN20021111_050421_000000262011_00091_03652_1473.N1 | 11-NOV-2002 05:04:21 | Dark | 25.500 | 2 | Alp Car | -0.73600 | 7000.0 | 51 | 3652 | Yes |
| 95 | GOM_NL__2PRFIN20021111_050545_000000412011_00091_03652_1474.N1 | 11-NOV-2002 05:05:45 | Dark | 40.500 | 88 | 31Eta CMa | 2.4480 | 20000. | 81 | 3652 | Yes |
| 96 | GOM_NL__2PRFIN20021111_050831_000000172011_00091_03652_1475.N1 | 11-NOV-2002 05:08:31 | Dark | 17.000 | 143 | Alp Hyi | 2.8570 | 7200.0 | 34 | 3652 | Yes |
| 97 | GOM_NL__2PRFIN20021111_050952_000000232011_00091_03652_1476.N1 | 11-NOV-2002 05:09:52 | Dark | 23.000 | 9 | Alp Eri | 0.45300 | 24000. | 46 | 3652 | Yes |
| 98 | GOM_NL__2PRFIN20021111_051109_000000262011_00091_03652_1477.N1 | 11-NOV-2002 05:11:09 | Dark | 26.000 | 108 | Alp Col | 2.6520 | 15200. | 52 | 3652 | Yes |
| 99 | GOM_NL__2PRFIN20021111_051332_000000192011_00091_03652_1478.N1 | 11-NOV-2002 05:13:32 | Dark | 19.000 | 157 | The1Eri | 2.9060 | 9300.0 | 38 | 3652 | Yes |
| 100 | GOM_NL__2PRFIN20021111_051724_000000392011_00091_03652_1479.N1 | 11-NOV-2002 05:17:24 | Dark | 38.500 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 77 | 3652 | Yes |
| 101 | GOM_NL__2PRFIN20021111_052031_0000001692011_00091_03652_1480.N1 | 11-NOV-2002 05:20:31 | Tw_i_and_stray | 169.00 | 1 | 9Alp CMa | -1.4400 | 11000. | 338 | 3652 | No |

| | | | | | | | | | | | |
|-----|---|----------------------|----------------|--------|------|-----------|----------|--------|-----|------|-----|
| 102 | GOM_NL__2PRFIN20021111_052440_000000732011_00091_03652_1481.N1 | 11-NOV-2002 05:24:40 | Dark | 72.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 145 | 3652 | Yes |
| 103 | GOM_NL__2PRFIN20021111_052651_000000332011_00091_03652_1482.N1 | 11-NOV-2002 05:26:51 | Dark | 32.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 65 | 3652 | Yes |
| 104 | GOM_NL__2PRFIN20021111_053130_000000192011_00091_03652_1483.N1 | 11-NOV-2002 05:31:30 | Bright | 18.500 | 105 | 6Bet Ari | 2.6450 | 8900.0 | 37 | 3652 | No |
| 105 | GOM_NL__2PRFIN20021111_053537_000000182011_00091_03652_1484.N1 | 11-NOV-2002 05:35:37 | Dark | 17.500 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 35 | 3652 | Yes |
| 106 | GOM_NL__2PRFIN20021111_053741_000000192011_00091_03652_1485.N1 | 11-NOV-2002 05:37:41 | Dark | 18.500 | 73 | 57Gam1And | 2.2600 | 13100. | 37 | 3652 | Yes |
| 107 | GOM_NL__2PRFIN20021111_053946_000000202011_00091_03652_1486.N1 | 11-NOV-2002 05:39:46 | Dark | 19.500 | 149 | 45Eps Per | 2.8880 | 30000. | 39 | 3652 | Yes |
| 108 | GOM_NL__2PRFIN20021111_054549_000000532011_00091_03652_1487.N1 | 11-NOV-2002 05:45:49 | Dark | 53.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 106 | 3652 | Yes |
| 109 | GOM_NL__2PRFIN20021111_055050_000000172011_00091_03652_1488.N1 | 11-NOV-2002 05:50:50 | Bright | 16.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 33 | 3652 | No |
| 110 | GOM_NL__2PRFIN20021111_055503_000000182011_00091_03652_1489.N1 | 11-NOV-2002 05:55:03 | Dark | 17.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 35 | 3652 | Yes |
| 111 | GOM_NL__2PRFIN20021111_055843_000000192011_00091_03652_1490.N1 | 11-NOV-2002 05:58:43 | Dark | 19.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 38 | 3652 | Yes |
| 112 | GOM_NL__2PRFIN20021111_060022_000000182011_00091_03652_1491.N1 | 11-NOV-2002 06:00:22 | Dark | 17.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 35 | 3652 | Yes |
| 113 | GOM_NL__2PRFIN20021111_060129_000000172011_00091_03652_1492.N1 | 11-NOV-2002 06:01:29 | Bright | 16.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 33 | 3652 | No |
| 114 | GOM_NL__2PRFIN20021111_060418_000000162011_00091_03652_1493.N1 | 11-NOV-2002 06:04:18 | Dark | 15.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 31 | 3652 | Yes |
| 115 | GOM_NL__2PRFIN20021111_061227_000000202011_00091_03652_1494.N1 | 11-NOV-2002 06:12:27 | Dark | 20.000 | 96 | 68Del Leo | 2.5600 | 9300.0 | 40 | 3652 | Yes |
| 116 | GOM_NL__2PRFIN20021111_061357_000000352011_00091_03652_1495.N1 | 11-NOV-2002 06:13:57 | Dark | 35.000 | 166 | 17Eps Leo | 2.9800 | 6000.0 | 70 | 3652 | Yes |
| 117 | GOM_NL__2PRFIN20021111_061817_000000412011_00091_03652_1496.N1 | 11-NOV-2002 06:18:17 | Dark | 41.000 | 22 | 32Alp Leo | 1.3600 | 15200. | 82 | 3652 | Yes |
| 118 | GOM_NL__2PRFIN20021111_062119_000000992011_00091_03652_1497.N1 | 11-NOV-2002 06:21:19 | Dark | 99.000 | 1015 | Jupiter | 0.0000 | 0.0000 | 198 | 3652 | Yes |
| 119 | GOM_NL__2PRFIN20021111_063005_000000202011_00091_03652_1498.N1 | 11-NOV-2002 06:30:05 | Dark | 19.500 | 64 | Gam Cen | 2.2000 | 10600. | 39 | 3652 | Yes |
| 120 | GOM_NL__2PRFIN20021111_063059_000000202011_00091_03652_1499.N1 | 11-NOV-2002 06:30:59 | Dark | 19.500 | 99 | Del Cen | 2.5750 | 26000. | 39 | 3652 | Yes |
| 121 | GOM_NL__2PRFIN20021111_063257_000000222011_00091_03652_1500.N1 | 11-NOV-2002 06:32:57 | Dark | 21.500 | 20 | Bet Cru | 1.2530 | 30000. | 43 | 3652 | Yes |
| 122 | GOM_NL__2PRFIN20021111_063401_000000222011_00092_03653_1501.N1 | 11-NOV-2002 06:34:01 | Dark | 22.000 | 12 | Alp1Cru | 0.77500 | 30000. | 44 | 3653 | Yes |
| 123 | GOM_NL__2PRFIN20021111_063552_000000172011_00092_03653_9607.N1 | 11-NOV-2002 06:35:52 | Dark | 17.000 | 124 | The Car | 2.7640 | 30000. | 34 | 3653 | Yes |
| 124 | GOM_NL__2PRFIN20021111_063727_000000252011_00092_03653_9608.N1 | 11-NOV-2002 06:37:27 | Dark | 24.500 | 71 | Iot Car | 2.2460 | 7700.0 | 49 | 3653 | Yes |
| 125 | GOM_NL__2PRFIN20021111_063843_000000202011_00092_03653_9609.N1 | 11-NOV-2002 06:38:43 | Dark | 19.500 | 29 | Bet Car | 1.6720 | 10200. | 39 | 3653 | Yes |
| 126 | GOM_NL__2PRFIN20021111_064003_000000242011_00092_03653_9610.N1 | 11-NOV-2002 06:40:03 | Dark | 23.500 | 34 | Gam2Vel | 1.7930 | 23000. | 47 | 3653 | Yes |
| 127 | GOM_NL__2PRFIN20021111_064458_000000382011_00092_03653_9611.N1 | 11-NOV-2002 06:44:58 | Dark | 38.000 | 2 | Alp Car | -0.73600 | 7000.0 | 76 | 3653 | Yes |
| 128 | GOM_NL__2PRFIN20021111_064623_000000382011_00092_03653_9612.N1 | 11-NOV-2002 06:46:23 | Dark | 37.500 | 88 | 31Eta CMa | 2.4480 | 20000. | 75 | 3653 | Yes |
| 129 | GOM_NL__2PRFIN20021111_064907_000000182011_00092_03653_9613.N1 | 11-NOV-2002 06:49:07 | Dark | 17.500 | 143 | Alp Hyi | 2.8570 | 7200.0 | 35 | 3653 | Yes |
| 130 | GOM_NL__2PRFIN20021111_065028_000000202011_00092_03653_9614.N1 | 11-NOV-2002 06:50:28 | Dark | 19.500 | 9 | Alp Eri | 0.45300 | 24000. | 39 | 3653 | Yes |
| 131 | GOM_NL__2PRFIN20021111_065146_000000312011_00092_03653_9615.N1 | 11-NOV-2002 06:51:46 | Dark | 30.500 | 108 | Alp Col | 2.6520 | 15200. | 61 | 3653 | Yes |
| 132 | GOM_NL__2PRFIN20021111_065408_000000192011_00092_03653_9616.N1 | 11-NOV-2002 06:54:08 | Dark | 18.500 | 157 | The1Eri | 2.9060 | 9300.0 | 37 | 3653 | Yes |
| 133 | GOM_NL__2PRFIN20021111_065800_000000362011_00092_03653_9617.N1 | 11-NOV-2002 06:58:00 | Dark | 36.000 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 72 | 3653 | Yes |
| 134 | GOM_NL__2PRFIN20021111_070106_0000001692011_00092_03653_9618.N1 | 11-NOV-2002 07:01:06 | Tw_i_and_stray | 169.00 | 1 | 9Alp CMa | -1.4400 | 11000. | 338 | 3653 | No |
| 135 | GOM_NL__2PRFIN20021111_070515_000000672011_00092_03653_9619.N1 | 11-NOV-2002 07:05:15 | Dark | 66.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 133 | 3653 | Yes |
| 136 | GOM_NL__2PRFIN20021111_070727_000000342011_00092_03653_9620.N1 | 11-NOV-2002 07:07:27 | Dark | 34.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 68 | 3653 | Yes |
| 137 | GOM_NL__2PRFIN20021111_081629_000000172011_00093_03654_9607.N1 | 11-NOV-2002 08:16:29 | Dark | 16.500 | 124 | The Car | 2.7640 | 30000. | 33 | 3654 | Yes |
| 138 | GOM_NL__2PRFIN20021111_081804_000000212011_00093_03654_9608.N1 | 11-NOV-2002 08:18:04 | Dark | 20.500 | 71 | Iot Car | 2.2460 | 7700.0 | 41 | 3654 | Yes |
| 139 | GOM_NL__2PRFIN20021111_081920_000000182011_00093_03654_9609.N1 | 11-NOV-2002 08:19:20 | Dark | 17.500 | 29 | Bet Car | 1.6720 | 10200. | 35 | 3654 | Yes |
| 140 | GOM_NL__2PRFIN20021111_082040_000000222011_00093_03654_9610.N1 | 11-NOV-2002 08:20:40 | Dark | 22.000 | 34 | Gam2Vel | 1.7930 | 23000. | 44 | 3654 | Yes |
| 141 | GOM_NL__2PRFIN20021111_082535_000000382011_00093_03654_9611.N1 | 11-NOV-2002 08:25:35 | Dark | 38.000 | 2 | Alp Car | -0.73600 | 7000.0 | 76 | 3654 | Yes |
| 142 | GOM_NL__2PRFIN20021111_082700_000000432011_00093_03654_9612.N1 | 11-NOV-2002 08:27:00 | Dark | 43.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 86 | 3654 | Yes |
| 143 | GOM_NL__2PRFIN20021111_082943_000000182011_00093_03654_9613.N1 | 11-NOV-2002 08:29:43 | Dark | 17.500 | 143 | Alp Hyi | 2.8570 | 7200.0 | 35 | 3654 | Yes |
| 144 | GOM_NL__2PRFIN20021111_083104_000000222011_00093_03654_9614.N1 | 11-NOV-2002 08:31:04 | Dark | 22.000 | 9 | Alp Eri | 0.45300 | 24000. | 44 | 3654 | Yes |
| 145 | GOM_NL__2PRFIN20021111_083223_000000262011_00093_03654_9615.N1 | 11-NOV-2002 08:32:23 | Dark | 26.000 | 108 | Alp Col | 2.6520 | 15200. | 52 | 3654 | Yes |
| 146 | GOM_NL__2PRFIN20021111_083444_000000212011_00093_03654_9616.N1 | 11-NOV-2002 08:34:44 | Dark | 21.000 | 157 | The1Eri | 2.9060 | 9300.0 | 42 | 3654 | Yes |
| 147 | GOM_NL__2PRFIN20021111_083836_000000382011_00093_03654_9617.N1 | 11-NOV-2002 08:38:36 | Dark | 37.500 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 75 | 3654 | Yes |
| 148 | GOM_NL__2PRFIN20021111_084141_0000001692011_00093_03654_9618.N1 | 11-NOV-2002 08:41:41 | Tw_i_and_stray | 169.00 | 1 | 9Alp CMa | -1.4400 | 11000. | 338 | 3654 | No |
| 149 | GOM_NL__2PRFIN20021111_084550_000000602011_00093_03654_9619.N1 | 11-NOV-2002 08:45:50 | Dark | 60.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 120 | 3654 | Yes |
| 150 | GOM_NL__2PRFIN20021111_084803_000000302011_00093_03654_9620.N1 | 11-NOV-2002 08:48:03 | Dark | 29.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 59 | 3654 | Yes |
| 151 | GOM_NL__2PRFIN20021111_095707_000000152011_00094_03655_9607.N1 | 11-NOV-2002 09:57:07 | Dark | 15.000 | 124 | The Car | 2.7640 | 30000. | 30 | 3655 | Yes |
| 152 | GOM_NL__2PRFIN20021111_095842_000000182011_00094_03655_9608.N1 | 11-NOV-2002 09:58:42 | Dark | 17.500 | 71 | Iot Car | 2.2460 | 7700.0 | 35 | 3655 | Yes |
| 153 | GOM_NL__2PRFIN20021111_100045_000000252011_00094_03655_9609.N1 | 11-NOV-2002 10:00:45 | Dark | 25.000 | 41 | Eps Car | 1.8600 | 4100.0 | 50 | 3655 | Yes |
| 154 | GOM_NL__2PRFIN20021111_100204_000000232011_00094_03655_9610.N1 | 11-NOV-2002 10:02:04 | Dark | 23.000 | 70 | Zet Pup | 2.2460 | 39000. | 46 | 3655 | Yes |
| 155 | GOM_NL__2PRFIN20021111_100403_000000442011_00094_03655_9611.N1 | 11-NOV-2002 10:04:03 | Dark | 44.000 | 132 | 15Rho Pup | 2.8030 | 6900.0 | 88 | 3655 | Yes |
| 156 | GOM_NL__2PRFIN20021111_100613_000000352011_00094_03655_9612.N1 | 11-NOV-2002 10:06:13 | Dark | 35.000 | 2 | Alp Car | -0.73600 | 7000.0 | 70 | 3655 | Yes |
| 157 | GOM_NL__2PRFIN20021111_100741_000000362011_00094_03655_9613.N1 | 11-NOV-2002 10:07:41 | Dark | 36.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 72 | 3655 | Yes |
| 158 | GOM_NL__2PRFIN20021111_101021_000000162011_00094_03655_9614.N1 | 11-NOV-2002 10:10:21 | Dark | 16.000 | 143 | Alp Hyi | 2.8570 | 7200.0 | 32 | 3655 | Yes |
| 159 | GOM_NL__2PRFIN20021111_101141_000000172011_00094_03655_9615.N1 | 11-NOV-2002 10:11:41 | Dark | 17.000 | 9 | Alp Eri | 0.45300 | 24000. | 34 | 3655 | Yes |
| 160 | GOM_NL__2PRFIN20021111_101302_000000252011_00094_03655_9616.N1 | 11-NOV-2002 10:13:02 | Dark | 24.500 | 108 | Alp Col | 2.6520 | 15200. | 49 | 3655 | Yes |

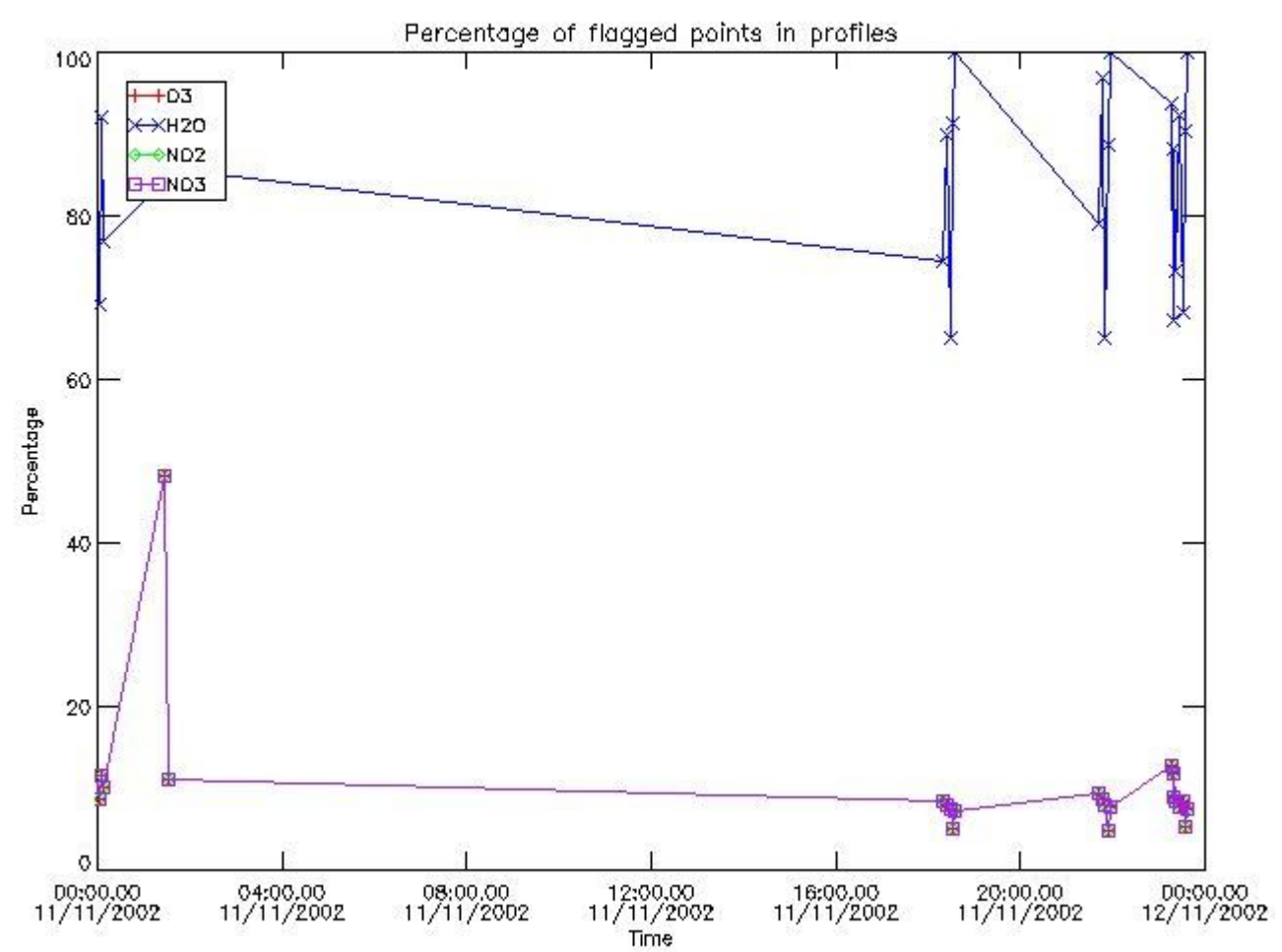
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|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|------|-----|
| 161 | GOM_NL__2PRFIN20021111_101522_000000182011_00094_03655_9617.N1 | 11-NOV-2002 10:15:22 | Dark | 17.500 | 157 | The1Eri | 2.9060 | 9300.0 | 35 | 3655 | Yes |
| 162 | GOM_NL__2PRFIN20021111_101915_000000402011_00094_03655_9618.N1 | 11-NOV-2002 10:19:15 | Dark | 39.500 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 79 | 3655 | Yes |
| 163 | GOM_NL__2PRFIN20021111_102051_000000402011_00094_03655_9619.N1 | 11-NOV-2002 10:20:51 | Dark | 39.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 79 | 3655 | Yes |
| 164 | GOM_NL__2PRFIN20021111_102230_000001712011_00094_03655_9620.N1 | 11-NOV-2002 10:22:30 | Tw_i_and_stray | 171.00 | 1 | 9Alp CMa | -1.4400 | 11000. | 342 | 3655 | No |
| 165 | GOM_NL__2PRFIN20021111_102629_000000532011_00094_03655_9621.N1 | 11-NOV-2002 10:26:29 | Dark | 53.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 106 | 3655 | Yes |
| 166 | GOM_NL__2PRFIN20021111_102841_000000272011_00094_03655_9622.N1 | 11-NOV-2002 10:28:41 | Dark | 26.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 53 | 3655 | Yes |
| 167 | GOM_NL__2PRFIN20021111_131628_000000212011_00096_03657_9608.N1 | 11-NOV-2002 13:16:28 | Dark | 20.500 | 12 | Alp1Cru | 0.77500 | 30000. | 41 | 3657 | Yes |
| 168 | GOM_NL__2PRFIN20021111_131820_000000152011_00096_03657_9609.N1 | 11-NOV-2002 13:18:20 | Dark | 15.000 | 124 | The Car | 2.7640 | 30000. | 30 | 3657 | Yes |
| 169 | GOM_NL__2PRFIN20021111_131956_000000182011_00096_03657_9610.N1 | 11-NOV-2002 13:19:56 | Dark | 17.500 | 71 | lot Car | 2.2460 | 7700.0 | 35 | 3657 | Yes |
| 170 | GOM_NL__2PRFIN20021111_132158_000000202011_00096_03657_9611.N1 | 11-NOV-2002 13:21:58 | Dark | 20.000 | 41 | Eps Car | 1.8600 | 4100.0 | 40 | 3657 | Yes |
| 171 | GOM_NL__2PRFIN20021111_132319_000000232011_00096_03657_9612.N1 | 11-NOV-2002 13:23:19 | Dark | 23.000 | 70 | Zet Pup | 2.2460 | 39000. | 46 | 3657 | Yes |
| 172 | GOM_NL__2PRFIN20021111_132519_000000432011_00096_03657_9613.N1 | 11-NOV-2002 13:25:19 | Dark | 42.500 | 132 | 15Rho Pup | 2.8030 | 6900.0 | 85 | 3657 | Yes |
| 173 | GOM_NL__2PRFIN20021111_132727_000000232011_00096_03657_9614.N1 | 11-NOV-2002 13:27:27 | Dark | 23.000 | 2 | Alp Car | -0.73600 | 7000.0 | 46 | 3657 | Yes |
| 174 | GOM_NL__2PRFIN20021111_132857_000000332011_00096_03657_9615.N1 | 11-NOV-2002 13:28:57 | Dark | 32.500 | 88 | 31Eta CMa | 2.4480 | 20000. | 65 | 3657 | Yes |
| 175 | GOM_NL__2PRFIN20021111_133133_000000142011_00096_03657_9616.N1 | 11-NOV-2002 13:31:33 | Dark | 14.000 | 143 | Alp Hyi | 2.8570 | 7200.0 | 28 | 3657 | Yes |
| 176 | GOM_NL__2PRFIN20021111_133254_000000252011_00096_03657_9617.N1 | 11-NOV-2002 13:32:54 | Dark | 24.500 | 9 | Alp Eri | 0.45300 | 24000. | 49 | 3657 | Yes |
| 177 | GOM_NL__2PRFIN20021111_133416_000000242011_00096_03657_9618.N1 | 11-NOV-2002 13:34:16 | Dark | 24.000 | 108 | Alp Col | 2.6520 | 15200. | 48 | 3657 | Yes |
| 178 | GOM_NL__2PRFIN20021111_133635_000000172011_00096_03657_9619.N1 | 11-NOV-2002 13:36:35 | Dark | 17.000 | 157 | The1Eri | 2.9060 | 9300.0 | 34 | 3657 | Yes |
| 179 | GOM_NL__2PRFIN20021111_134028_000000332011_00096_03657_9620.N1 | 11-NOV-2002 13:40:28 | Dark | 33.000 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 66 | 3657 | Yes |
| 180 | GOM_NL__2PRFIN20021111_134203_000000402011_00096_03657_9621.N1 | 11-NOV-2002 13:42:03 | Dark | 39.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 79 | 3657 | Yes |
| 181 | GOM_NL__2PRFIN20021111_145703_000000262011_00097_03658_9608.N1 | 11-NOV-2002 14:57:03 | Dark | 26.000 | 12 | Alp1Cru | 0.77500 | 30000. | 52 | 3658 | Yes |
| 182 | GOM_NL__2PRFIN20021111_145855_000000172011_00097_03658_9609.N1 | 11-NOV-2002 14:58:55 | Dark | 16.500 | 124 | The Car | 2.7640 | 30000. | 33 | 3658 | Yes |
| 183 | GOM_NL__2PRFIN20021111_150031_000000202011_00097_03658_9610.N1 | 11-NOV-2002 15:00:31 | Dark | 19.500 | 71 | lot Car | 2.2460 | 7700.0 | 39 | 3658 | Yes |
| 184 | GOM_NL__2PRFIN20021111_150234_000000212011_00097_03658_9611.N1 | 11-NOV-2002 15:02:34 | Dark | 21.000 | 41 | Eps Car | 1.8600 | 4100.0 | 42 | 3658 | Yes |
| 185 | GOM_NL__2PRFIN20021111_150355_000000242011_00097_03658_9612.N1 | 11-NOV-2002 15:03:55 | Dark | 24.000 | 70 | Zet Pup | 2.2460 | 39000. | 48 | 3658 | Yes |
| 186 | GOM_NL__2PRFIN20021111_150557_000000412011_00097_03658_9613.N1 | 11-NOV-2002 15:05:57 | Dark | 40.500 | 132 | 15Rho Pup | 2.8030 | 6900.0 | 81 | 3658 | Yes |
| 187 | GOM_NL__2PRFIN20021111_150803_000000252011_00097_03658_9614.N1 | 11-NOV-2002 15:08:03 | Dark | 24.500 | 2 | Alp Car | -0.73600 | 7000.0 | 49 | 3658 | Yes |
| 188 | GOM_NL__2PRFIN20021111_150934_000000362011_00097_03658_9615.N1 | 11-NOV-2002 15:09:34 | Dark | 36.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 72 | 3658 | Yes |
| 189 | GOM_NL__2PRFIN20021111_151208_000000152011_00097_03658_9616.N1 | 11-NOV-2002 15:12:08 | Dark | 14.500 | 143 | Alp Hyi | 2.8570 | 7200.0 | 29 | 3658 | Yes |
| 190 | GOM_NL__2PRFIN20021111_151329_000000212011_00097_03658_9617.N1 | 11-NOV-2002 15:13:29 | Dark | 20.500 | 9 | Alp Eri | 0.45300 | 24000. | 41 | 3658 | Yes |
| 191 | GOM_NL__2PRFIN20021111_151452_000000252011_00097_03658_9618.N1 | 11-NOV-2002 15:14:52 | Dark | 25.000 | 108 | Alp Col | 2.6520 | 15200. | 50 | 3658 | Yes |
| 192 | GOM_NL__2PRFIN20021111_151711_000000182011_00097_03658_9619.N1 | 11-NOV-2002 15:17:11 | Dark | 17.500 | 157 | The1Eri | 2.9060 | 9300.0 | 35 | 3658 | Yes |
| 193 | GOM_NL__2PRFIN20021111_152104_000000282011_00097_03658_9620.N1 | 11-NOV-2002 15:21:04 | Dark | 28.000 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 56 | 3658 | Yes |
| 194 | GOM_NL__2PRFIN20021111_163739_000000202011_00098_03659_9608.N1 | 11-NOV-2002 16:37:39 | Dark | 20.000 | 12 | Alp1Cru | 0.77500 | 30000. | 40 | 3659 | Yes |
| 195 | GOM_NL__2PRFIN20021111_163931_000000172011_00098_03659_9609.N1 | 11-NOV-2002 16:39:31 | Dark | 16.500 | 124 | The Car | 2.7640 | 30000. | 33 | 3659 | Yes |
| 196 | GOM_NL__2PRFIN20021111_164108_000000192011_00098_03659_9610.N1 | 11-NOV-2002 16:41:08 | Dark | 18.500 | 71 | lot Car | 2.2460 | 7700.0 | 37 | 3659 | Yes |
| 197 | GOM_NL__2PRFIN20021111_164310_000000192011_00098_03659_9611.N1 | 11-NOV-2002 16:43:10 | Dark | 19.000 | 41 | Eps Car | 1.8600 | 4100.0 | 38 | 3659 | Yes |
| 198 | GOM_NL__2PRFIN20021111_164433_000000252011_00098_03659_9612.N1 | 11-NOV-2002 16:44:33 | Dark | 24.500 | 70 | Zet Pup | 2.2460 | 39000. | 49 | 3659 | Yes |
| 199 | GOM_NL__2PRFIN20021111_164636_000000382011_00098_03659_9613.N1 | 11-NOV-2002 16:46:36 | Dark | 37.500 | 132 | 15Rho Pup | 2.8030 | 6900.0 | 75 | 3659 | Yes |
| 200 | GOM_NL__2PRFIN20021111_164840_000000222011_00098_03659_9614.N1 | 11-NOV-2002 16:48:40 | Dark | 22.000 | 2 | Alp Car | -0.73600 | 7000.0 | 44 | 3659 | Yes |
| 201 | GOM_NL__2PRFIN20021111_165012_000000352011_00098_03659_9615.N1 | 11-NOV-2002 16:50:12 | Dark | 35.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 70 | 3659 | Yes |
| 202 | GOM_NL__2PRFIN20021111_165245_000000162011_00098_03659_9616.N1 | 11-NOV-2002 16:52:45 | Dark | 15.500 | 143 | Alp Hyi | 2.8570 | 7200.0 | 31 | 3659 | Yes |
| 203 | GOM_NL__2PRFIN20021111_165405_000000232011_00098_03659_9617.N1 | 11-NOV-2002 16:54:05 | Dark | 23.000 | 9 | Alp Eri | 0.45300 | 24000. | 46 | 3659 | Yes |
| 204 | GOM_NL__2PRFIN20021111_165528_000000282011_00098_03659_9618.N1 | 11-NOV-2002 16:55:28 | Dark | 28.000 | 108 | Alp Col | 2.6520 | 15200. | 56 | 3659 | Yes |
| 205 | GOM_NL__2PRFIN20021111_165747_000000182011_00098_03659_9619.N1 | 11-NOV-2002 16:57:47 | Dark | 17.500 | 157 | The1Eri | 2.9060 | 9300.0 | 35 | 3659 | Yes |
| 206 | GOM_NL__2PRFIN20021111_181815_000000202011_00099_03660_9608.N1 | 11-NOV-2002 18:18:15 | Dark | 20.000 | 12 | Alp1Cru | 0.77500 | 30000. | 40 | 3660 | Yes |
| 207 | GOM_NL__2PRFIN20021111_182007_000000612011_00099_03660_9609.N1 | 11-NOV-2002 18:20:07 | Dark | 61.000 | 65 | Lam Vel | 2.2040 | 4400.0 | 122 | 3660 | No |
| 208 | GOM_NL__2PRFIN20021111_182428_000000642011_00099_03660_9610.N1 | 11-NOV-2002 18:24:28 | Dark | 64.000 | 70 | Zet Pup | 2.2460 | 39000. | 128 | 3660 | No |
| 209 | GOM_NL__2PRFIN20021111_182842_000000692011_00099_03660_9611.N1 | 11-NOV-2002 18:28:42 | Dark | 69.000 | 2 | Alp Car | -0.73600 | 7000.0 | 138 | 3660 | No |
| 210 | GOM_NL__2PRFIN20021111_183221_000001032011_00099_03660_9612.N1 | 11-NOV-2002 18:32:21 | Dark | 103.00 | 23 | 21Eps CMa | 1.5020 | 26000. | 206 | 3660 | No |
| 211 | GOM_NL__2PRFIN20021111_183523_000000702011_00099_03660_9613.N1 | 11-NOV-2002 18:35:23 | Dark | 69.500 | 108 | Alp Col | 2.6520 | 15200. | 139 | 3660 | No |
| 212 | GOM_NL__2PRFIN20021111_183754_000000482011_00099_03660_9614.N1 | 11-NOV-2002 18:37:54 | Straylight | 48.000 | 157 | The1Eri | 2.9060 | 9300.0 | 96 | 3660 | No |
| 213 | GOM_NL__2PRFIN20021111_214120_000000602011_00101_03662_9609.N1 | 11-NOV-2002 21:41:20 | Dark | 60.000 | 65 | Lam Vel | 2.2040 | 4400.0 | 120 | 3662 | No |
| 214 | GOM_NL__2PRFIN20021111_214543_000000642011_00101_03662_9610.N1 | 11-NOV-2002 21:45:43 | Dark | 64.000 | 70 | Zet Pup | 2.2460 | 39000. | 128 | 3662 | No |
| 215 | GOM_NL__2PRFIN20021111_214955_000000642011_00101_03662_9611.N1 | 11-NOV-2002 21:49:55 | Dark | 63.500 | 2 | Alp Car | -0.73600 | 7000.0 | 127 | 3662 | No |
| 216 | GOM_NL__2PRFIN20021111_215336_000001072011_00101_03662_9612.N1 | 11-NOV-2002 21:53:36 | Dark | 107.00 | 23 | 21Eps CMa | 1.5020 | 26000. | 214 | 3662 | No |
| 217 | GOM_NL__2PRFIN20021111_215636_000000662011_00101_03662_9613.N1 | 11-NOV-2002 21:56:36 | Dark | 65.500 | 108 | Alp Col | 2.6520 | 15200. | 131 | 3662 | No |
| 218 | GOM_NL__2PRFIN20021111_215906_000000492011_00101_03662_1476.N1 | 11-NOV-2002 21:59:06 | Straylight | 48.500 | 157 | The1Eri | 2.9060 | 9300.0 | 97 | 3662 | No |
| 219 | GOM_NL__2PRFIN20021111_220258_000001612011_00101_03662_1477.N1 | 11-NOV-2002 22:02:58 | Straylight | 160.50 | 47 | 2Bet CMa | 1.9760 | 28000. | 321 | 3662 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|------|-----------|----------|--------|-----|------|-----|
| 220 | GOM_NL__2PRFIN20021111_220933_000001282011_00101_03662_1478.N1 | 11-NOV-2002 22:09:33 | Twilight_stray | 127.50 | 7 | 19Bet Ori | 0.10000 | 14000. | 255 | 3662 | No |
| 221 | GOM_NL__2PRFIN20021111_221209_000001442011_00101_03662_1479.N1 | 11-NOV-2002 22:12:09 | Bright | 144.00 | 125 | 44Iot Ori | 2.7700 | 30000. | 288 | 3662 | No |
| 222 | GOM_NL__2PRFIN20021111_221701_000000442011_00101_03662_1480.N1 | 11-NOV-2002 22:17:01 | Bright | 44.000 | 105 | 6Bet Ari | 2.6450 | 8900.0 | 88 | 3662 | No |
| 223 | GOM_NL__2PRFIN20021111_222107_000000442011_00101_03662_1481.N1 | 11-NOV-2002 22:21:07 | Bright | 43.500 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 87 | 3662 | No |
| 224 | GOM_NL__2PRFIN20021111_222311_000000472011_00101_03662_1482.N1 | 11-NOV-2002 22:23:11 | Bright | 47.000 | 73 | 57Gam1And | 2.2600 | 13100. | 94 | 3662 | No |
| 225 | GOM_NL__2PRFIN20021111_222503_000000562011_00101_03662_1483.N1 | 11-NOV-2002 22:25:03 | Bright | 55.500 | 149 | 45Eps Per | 2.8880 | 30000. | 111 | 3662 | No |
| 226 | GOM_NL__2PRFIN20021111_222719_000000442011_00101_03662_1484.N1 | 11-NOV-2002 22:27:19 | Bright | 44.000 | 68 | 18Alp Cas | 2.2250 | 4500.0 | 88 | 3662 | No |
| 227 | GOM_NL__2PRFIN20021111_223054_000000942011_00101_03662_1485.N1 | 11-NOV-2002 22:30:54 | Bright | 94.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 188 | 3662 | No |
| 228 | GOM_NL__2PRFIN20021111_223621_000000452011_00101_03662_1486.N1 | 11-NOV-2002 22:36:21 | Bright | 45.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 90 | 3662 | No |
| 229 | GOM_NL__2PRFIN20021111_224036_000000442011_00101_03662_1487.N1 | 11-NOV-2002 22:40:36 | Bright | 44.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 88 | 3662 | No |
| 230 | GOM_NL__2PRFIN20021111_224410_000000512011_00101_03662_1488.N1 | 11-NOV-2002 22:44:10 | Bright | 50.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 101 | 3662 | No |
| 231 | GOM_NL__2PRFIN20021111_224548_000000512011_00101_03662_1489.N1 | 11-NOV-2002 22:45:48 | Bright | 51.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 102 | 3662 | No |
| 232 | GOM_NL__2PRFIN20021111_224751_000000452011_00101_03662_1490.N1 | 11-NOV-2002 22:47:51 | Bright | 45.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 90 | 3662 | No |
| 233 | GOM_NL__2PRFIN20021111_224945_000000522011_00101_03662_1491.N1 | 11-NOV-2002 22:49:45 | Bright | 52.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 104 | 3662 | No |
| 234 | GOM_NL__2PRFIN20021111_225908_000000942011_00101_03662_1492.N1 | 11-NOV-2002 22:59:08 | Bright | 94.000 | 166 | 17Eps Leo | 2.9800 | 6000.0 | 188 | 3662 | No |
| 235 | GOM_NL__2PRFIN20021111_230338_000000922011_00101_03662_1493.N1 | 11-NOV-2002 23:03:38 | Twilight_stray | 91.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 183 | 3662 | No |
| 236 | GOM_NL__2PRFIN20021111_230609_000002262011_00101_03662_1494.N1 | 11-NOV-2002 23:06:09 | Dark | 225.50 | 1015 | Jupiter | 0.0000 | 0.0000 | 451 | 3662 | Yes |
| 237 | GOM_NL__2PRFIN20021111_231540_000000482011_00101_03662_1495.N1 | 11-NOV-2002 23:15:40 | Dark | 48.000 | 64 | Gam Cen | 2.2000 | 10600. | 96 | 3662 | No |
| 238 | GOM_NL__2PRFIN20021111_231757_000000572011_00101_03662_1496.N1 | 11-NOV-2002 23:17:57 | Dark | 57.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 114 | 3662 | No |
| 239 | GOM_NL__2PRFIN20021111_231936_000000482011_00101_03662_1497.N1 | 11-NOV-2002 23:19:36 | Dark | 47.500 | 12 | Alp1Cru | 0.77500 | 30000. | 95 | 3662 | No |
| 240 | GOM_NL__2PRFIN20021111_232158_000000602011_00102_03663_1471.N1 | 11-NOV-2002 23:21:58 | Dark | 60.000 | 65 | Lam Vel | 2.2040 | 4400.0 | 120 | 3663 | No |
| 241 | GOM_NL__2PRFIN20021111_232620_000000662011_00102_03663_1472.N1 | 11-NOV-2002 23:26:20 | Dark | 66.000 | 70 | Zet Pup | 2.2460 | 39000. | 132 | 3663 | No |
| 242 | GOM_NL__2PRFIN20021111_233033_000000602011_00102_03663_1473.N1 | 11-NOV-2002 23:30:33 | Dark | 60.000 | 2 | Alp Car | -0.73600 | 7000.0 | 120 | 3663 | No |
| 243 | GOM_NL__2PRFIN20021111_233413_000000992011_00102_03663_1474.N1 | 11-NOV-2002 23:34:13 | Dark | 98.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 197 | 3663 | No |
| 244 | GOM_NL__2PRFIN20021111_233713_000000682011_00102_03663_1475.N1 | 11-NOV-2002 23:37:13 | Dark | 68.000 | 108 | Alp Col | 2.6520 | 15200. | 136 | 3663 | No |
| 245 | GOM_NL__2PRFIN20021111_233942_000000492011_00102_03663_1476.N1 | 11-NOV-2002 23:39:42 | Straylight | 49.000 | 157 | The1Eri | 2.9060 | 9300.0 | 98 | 3663 | No |
| 246 | GOM_NL__2PRFIN20021111_234335_000001582011_00102_03663_1477.N1 | 11-NOV-2002 23:43:35 | Straylight | 158.00 | 47 | 2Bet CMa | 1.9760 | 28000. | 316 | 3663 | No |
| 247 | GOM_NL__2PRFIN20021111_235008_000001182011_00102_03663_1478.N1 | 11-NOV-2002 23:50:08 | Twilight_stray | 118.00 | 7 | 19Bet Ori | 0.10000 | 14000. | 236 | 3663 | No |
| 248 | GOM_NL__2PRFIN20021111_235244_000001532011_00102_03663_1479.N1 | 11-NOV-2002 23:52:44 | Bright | 152.50 | 125 | 44Iot Ori | 2.7700 | 30000. | 305 | 3663 | No |
| 249 | GOM_NL__2PRFIN20021111_235737_000000442011_00102_03663_1480.N1 | 11-NOV-2002 23:57:37 | Bright | 43.500 | 105 | 6Bet Ari | 2.6450 | 8900.0 | 87 | 3663 | No |

3. Quality information per product

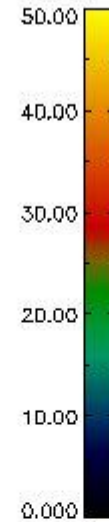
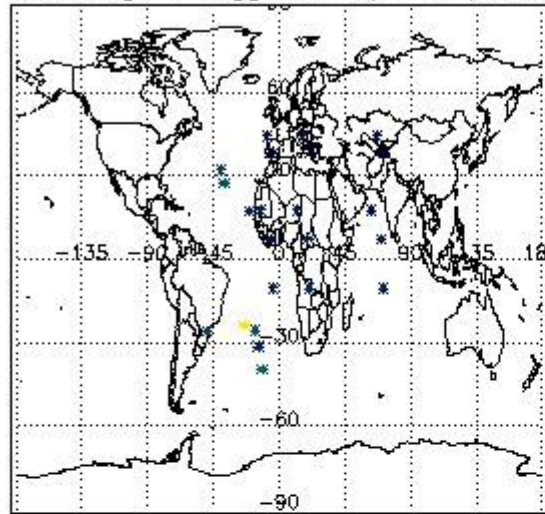
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

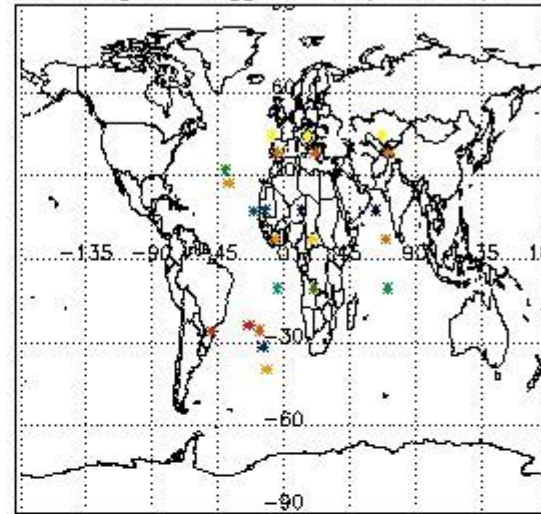


3.2 Plot quality information per product (world map)

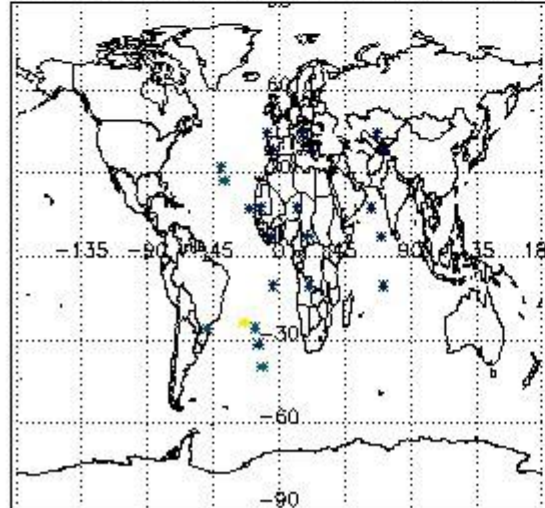
Percentage of flagged data per O3 profile



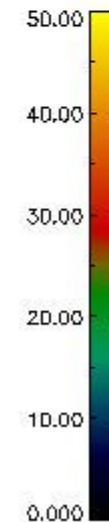
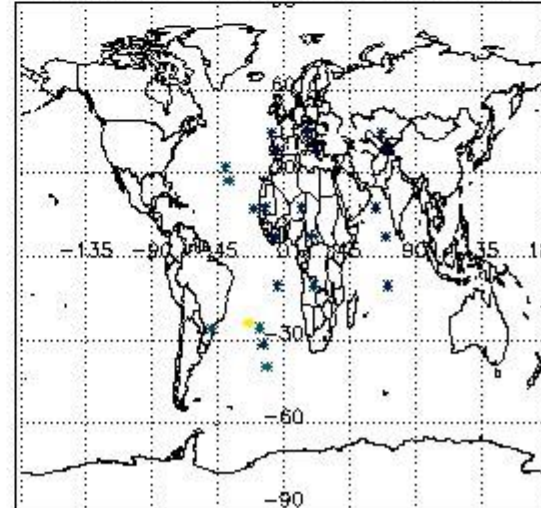
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

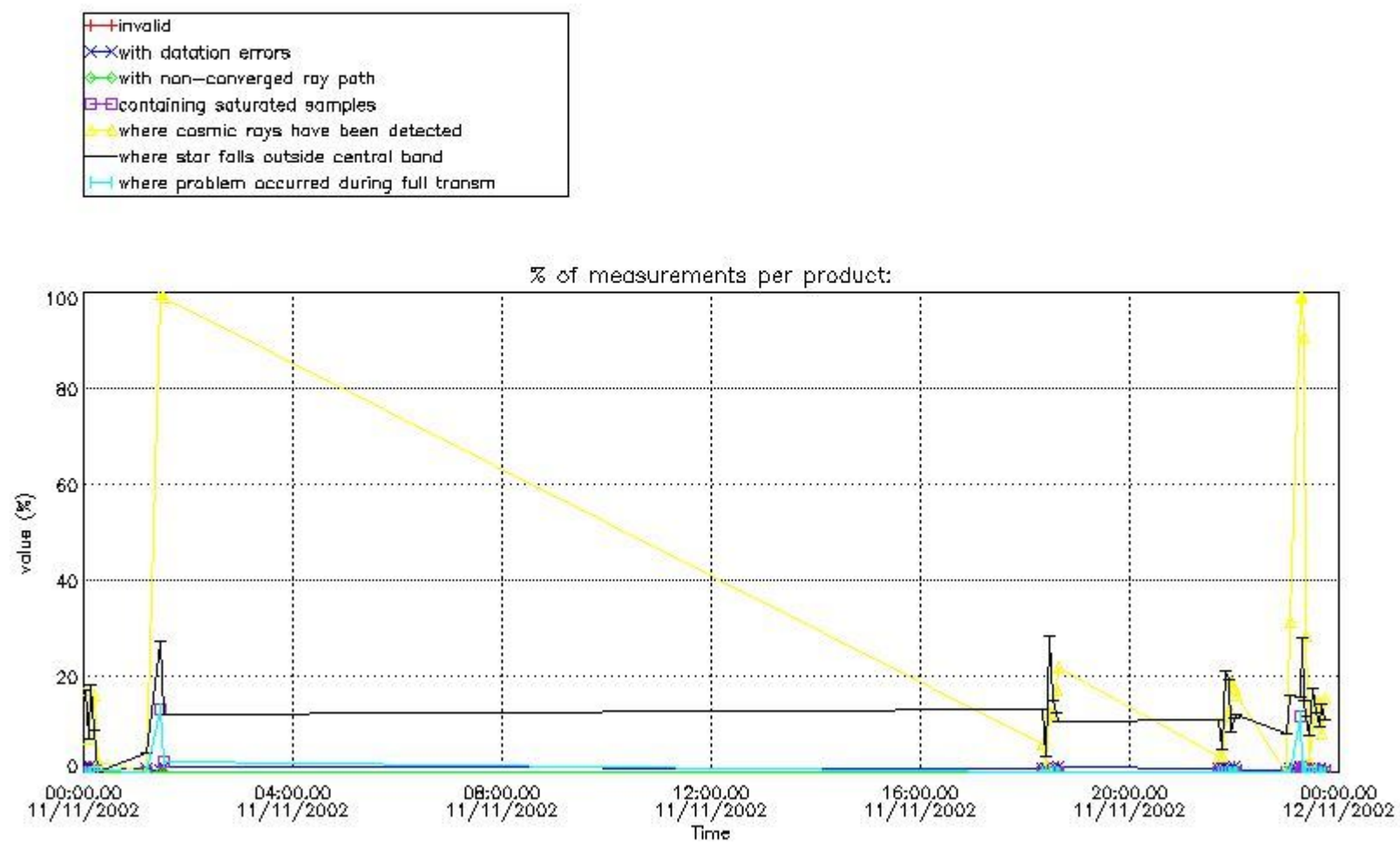


4. Level 1 quality information per product

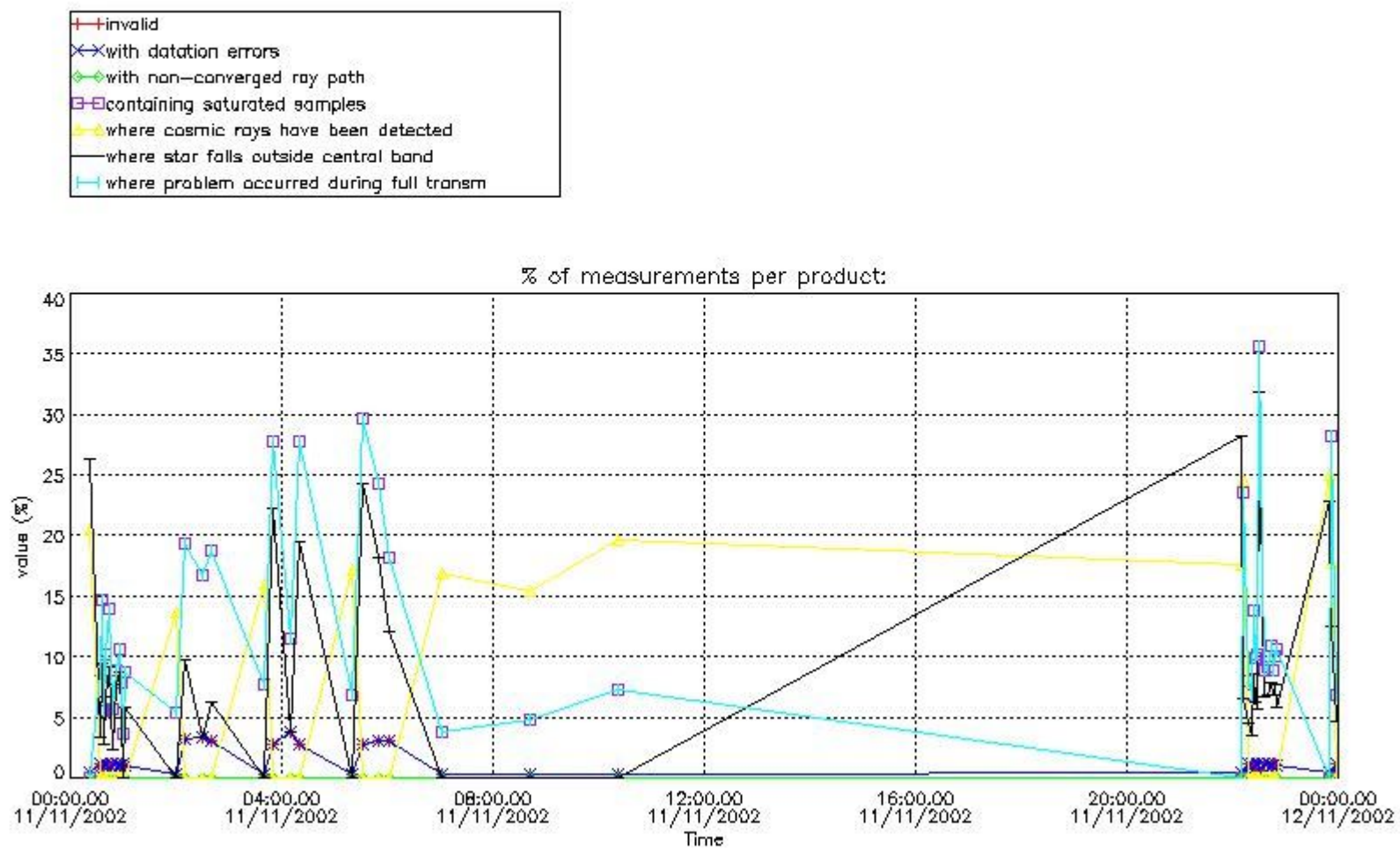
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



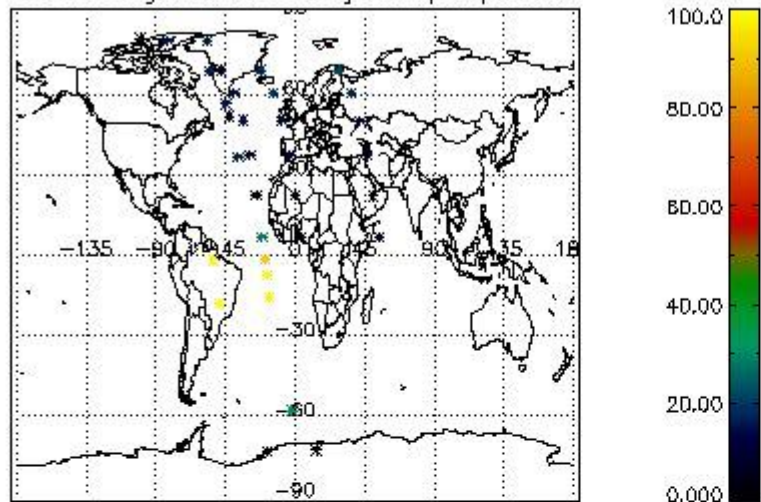
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



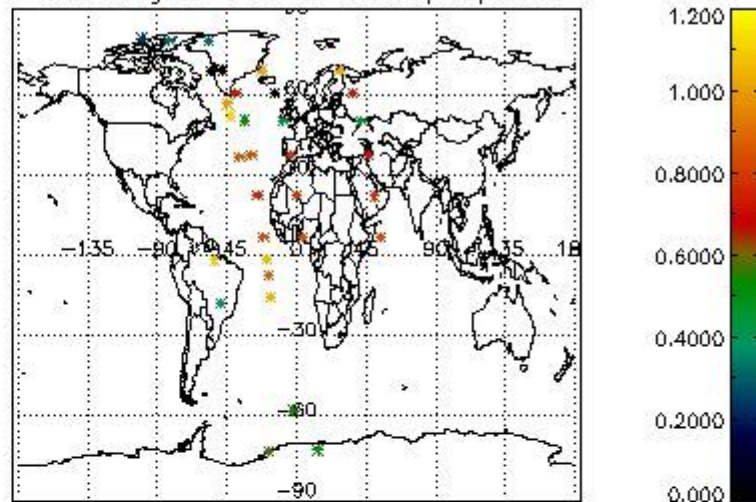
4.2 Plot quality information per product coming from level 1b processing (world map)

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

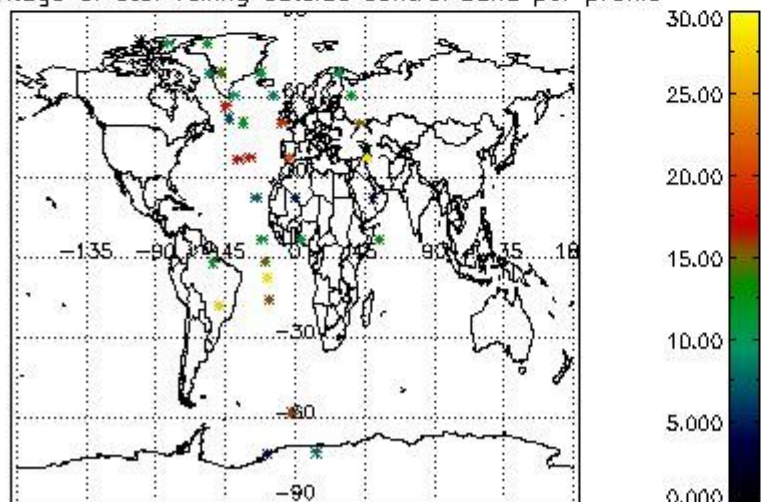
Percentage of cosmic ray hits per profile



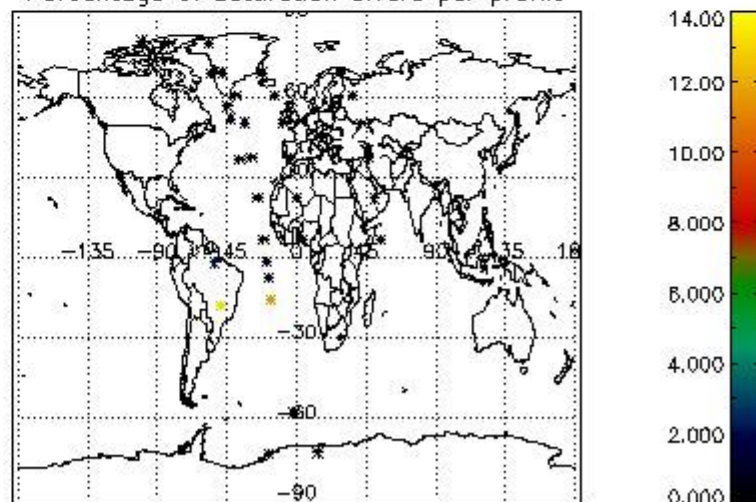
Percentage of datation errors per profile



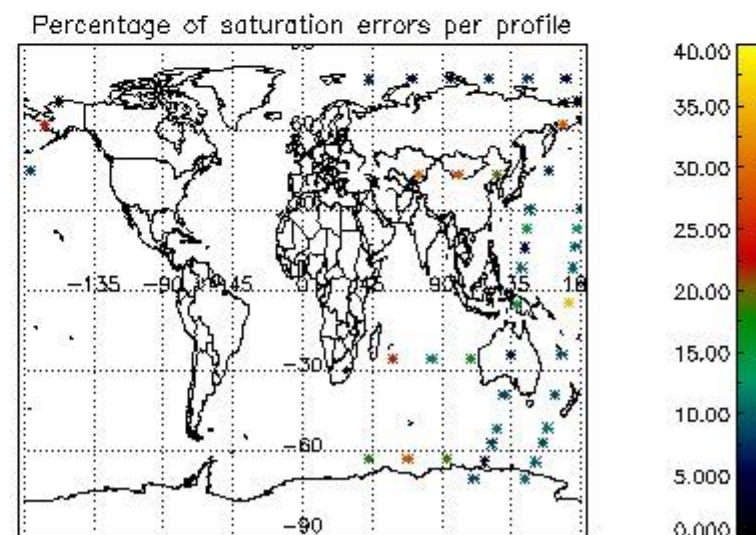
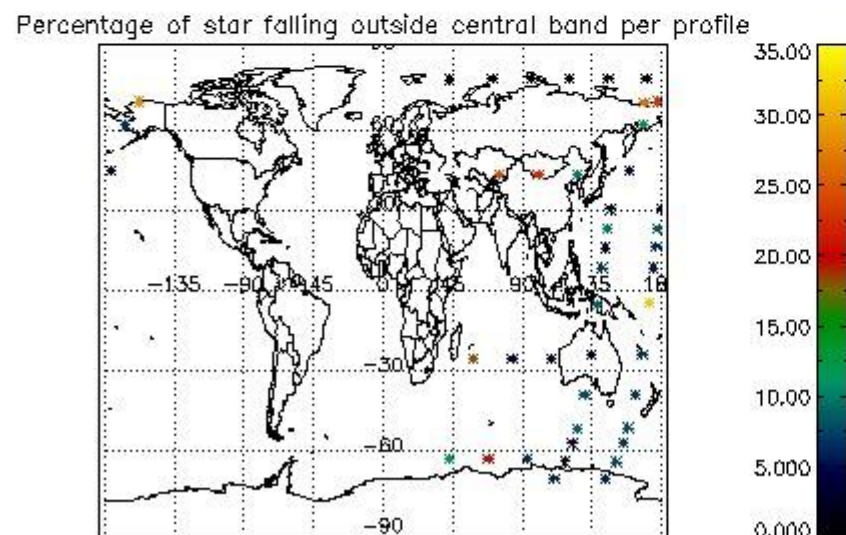
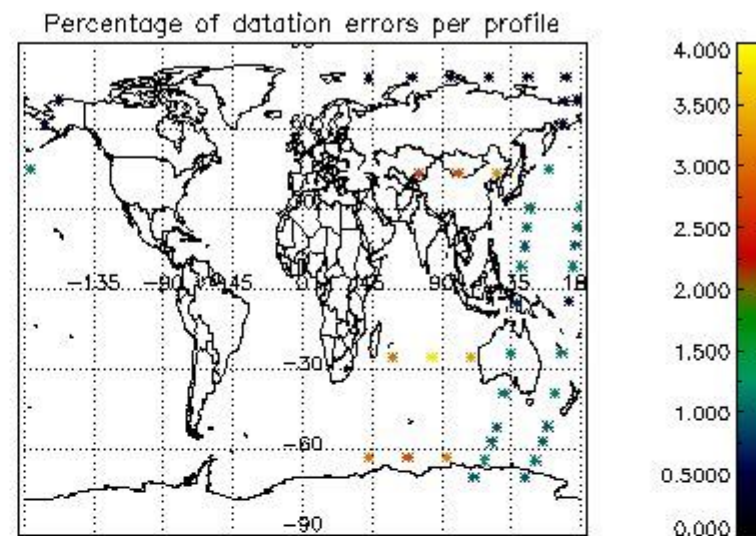
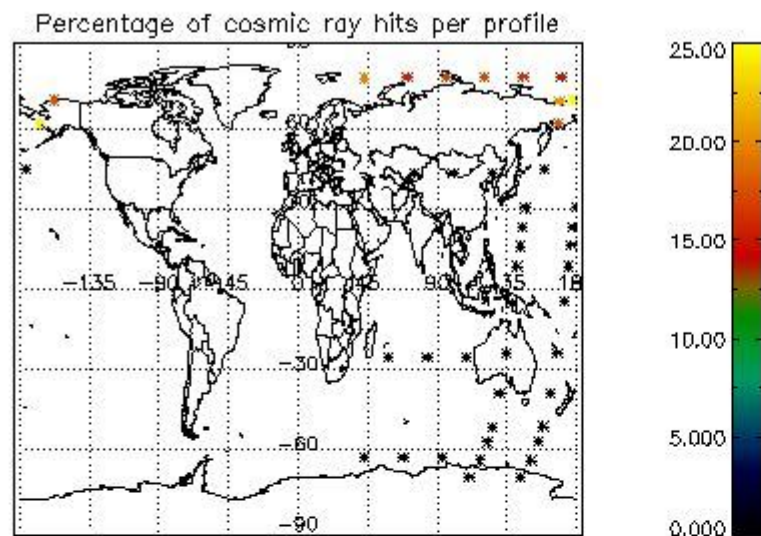
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

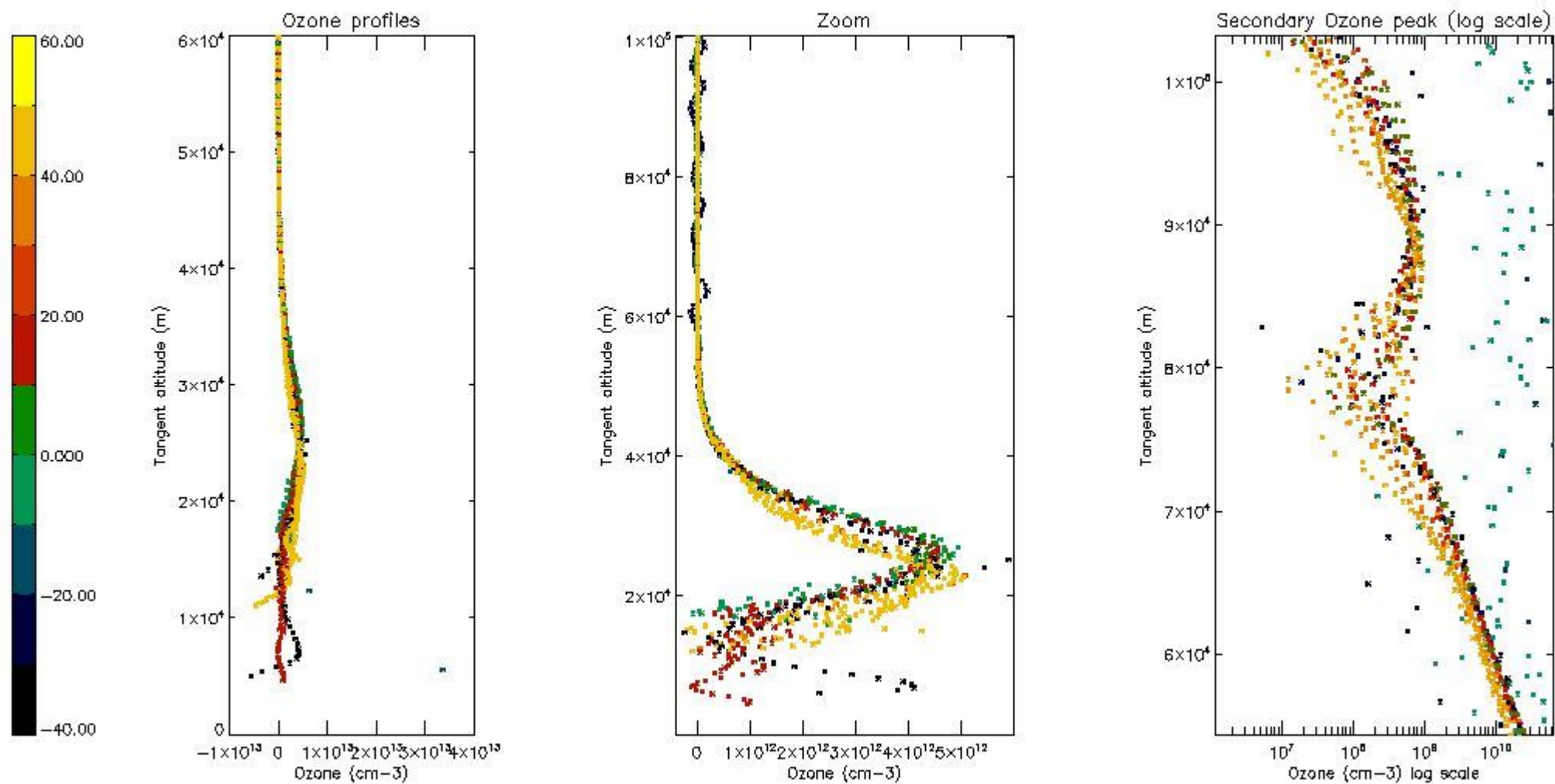
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 32 |
| STD < 20 | 18 |

| | |
|----------|----|
| STD < 10 | 16 |
| STD < 5 | 13 |

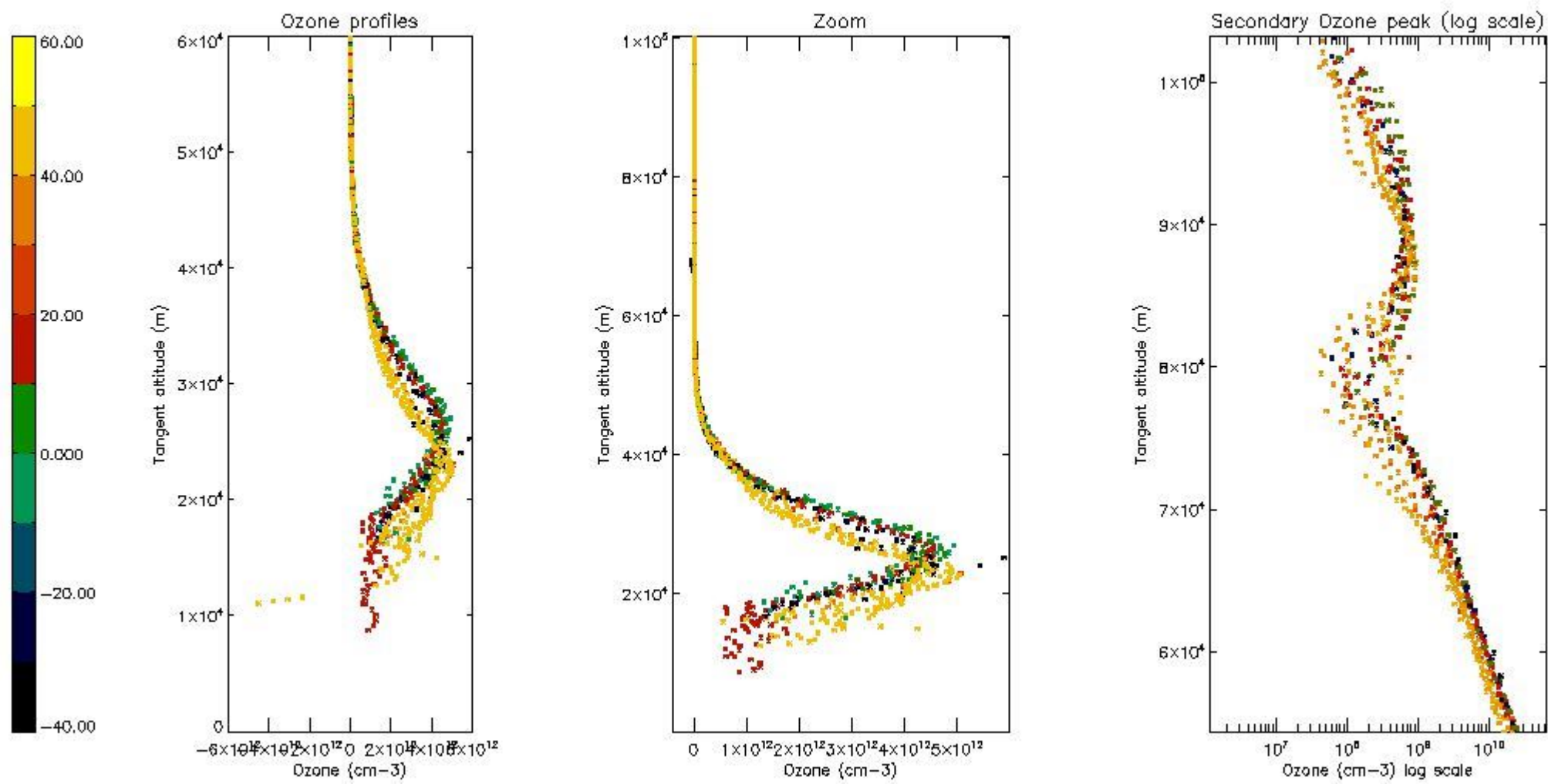
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



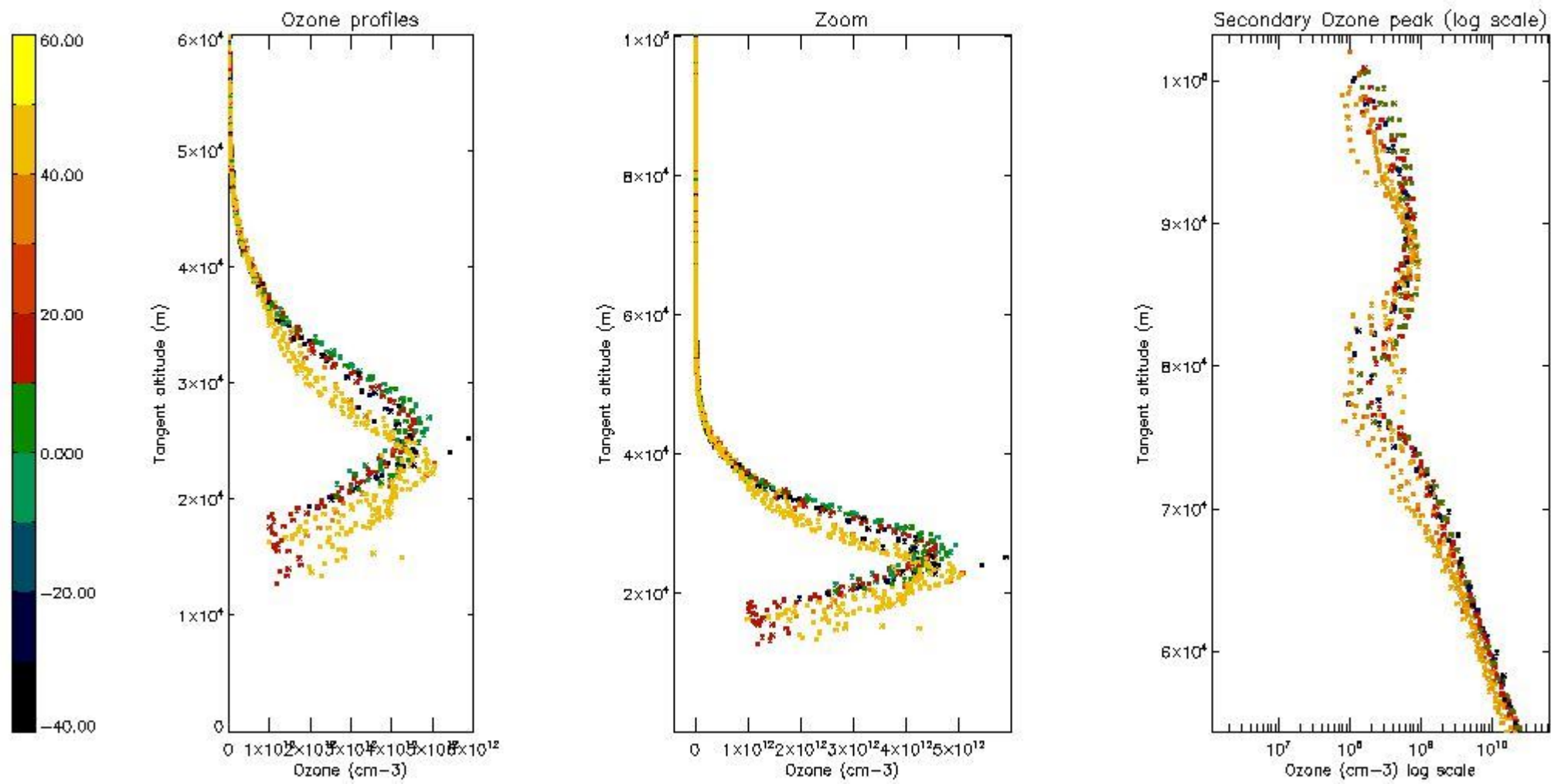
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



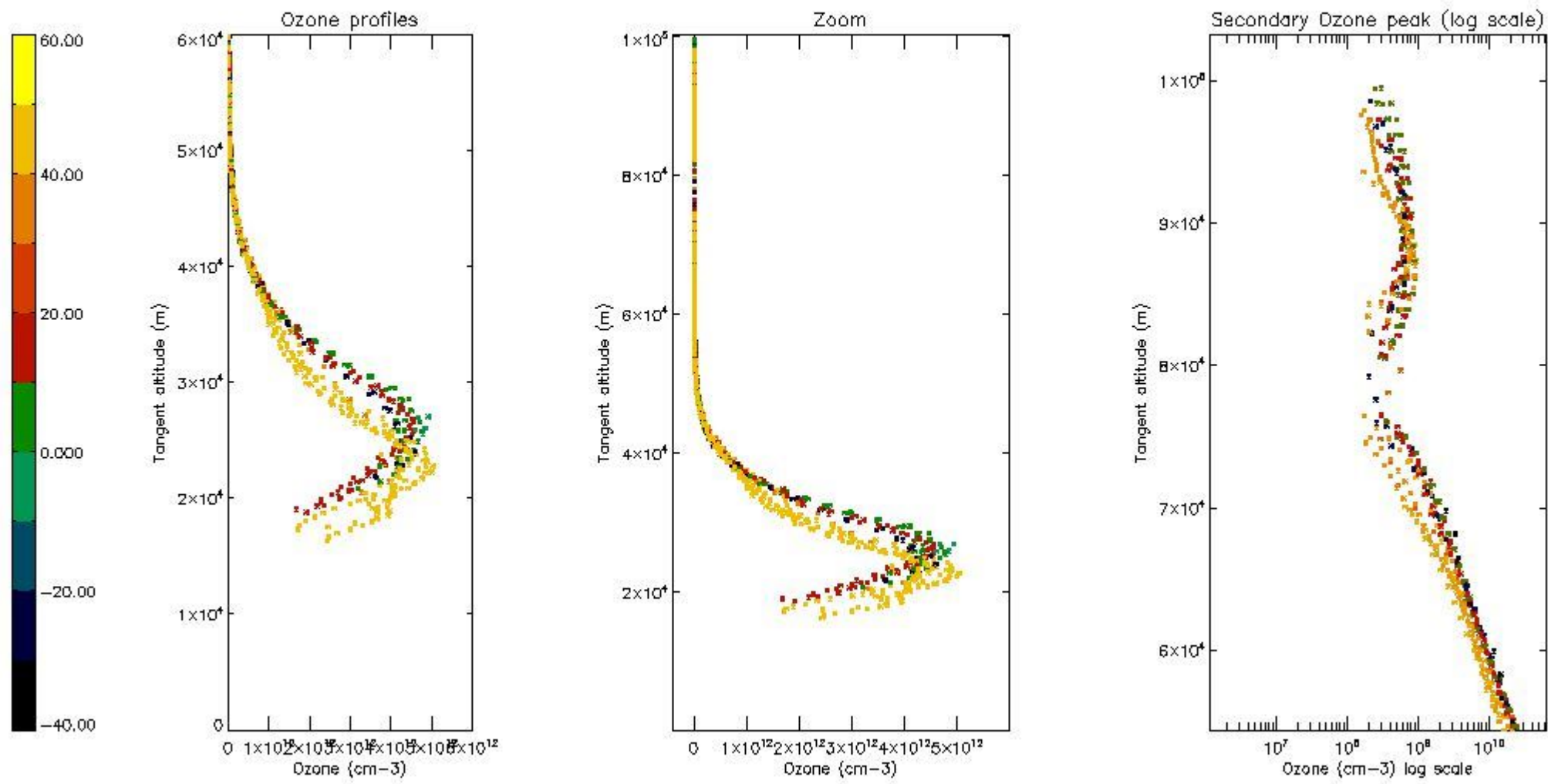
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



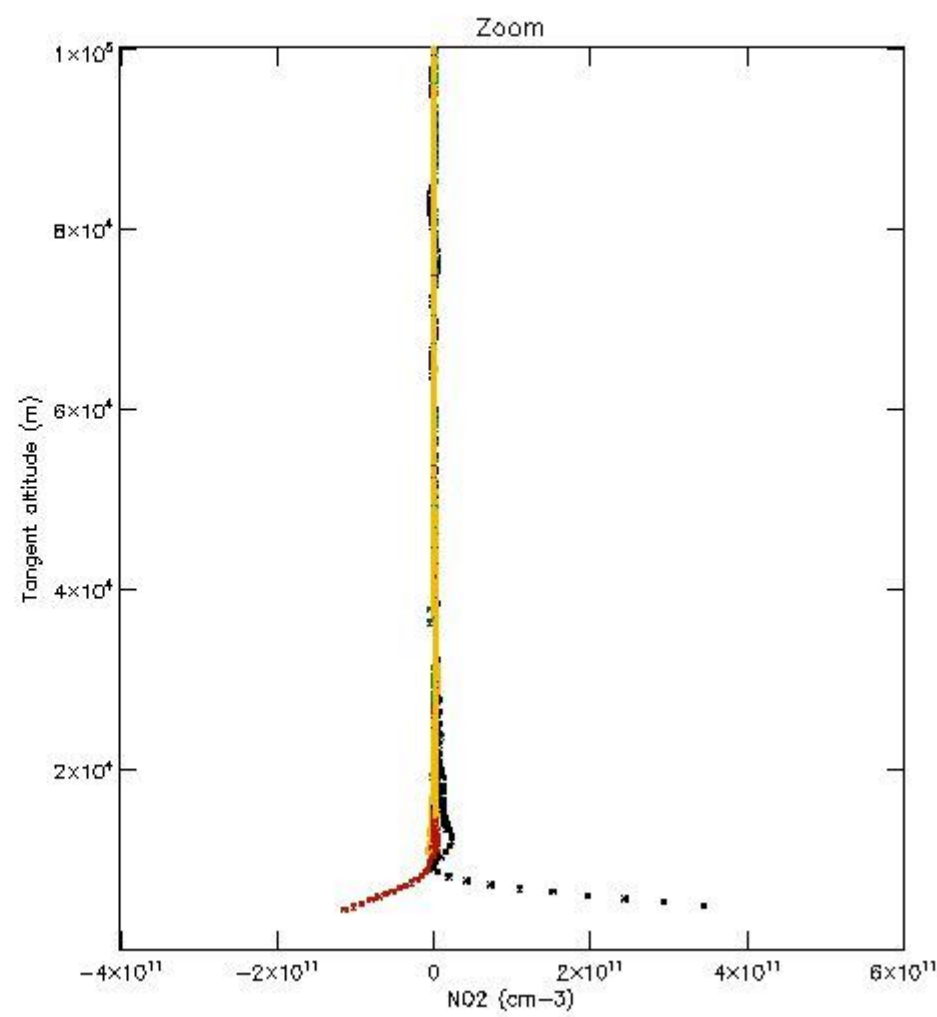
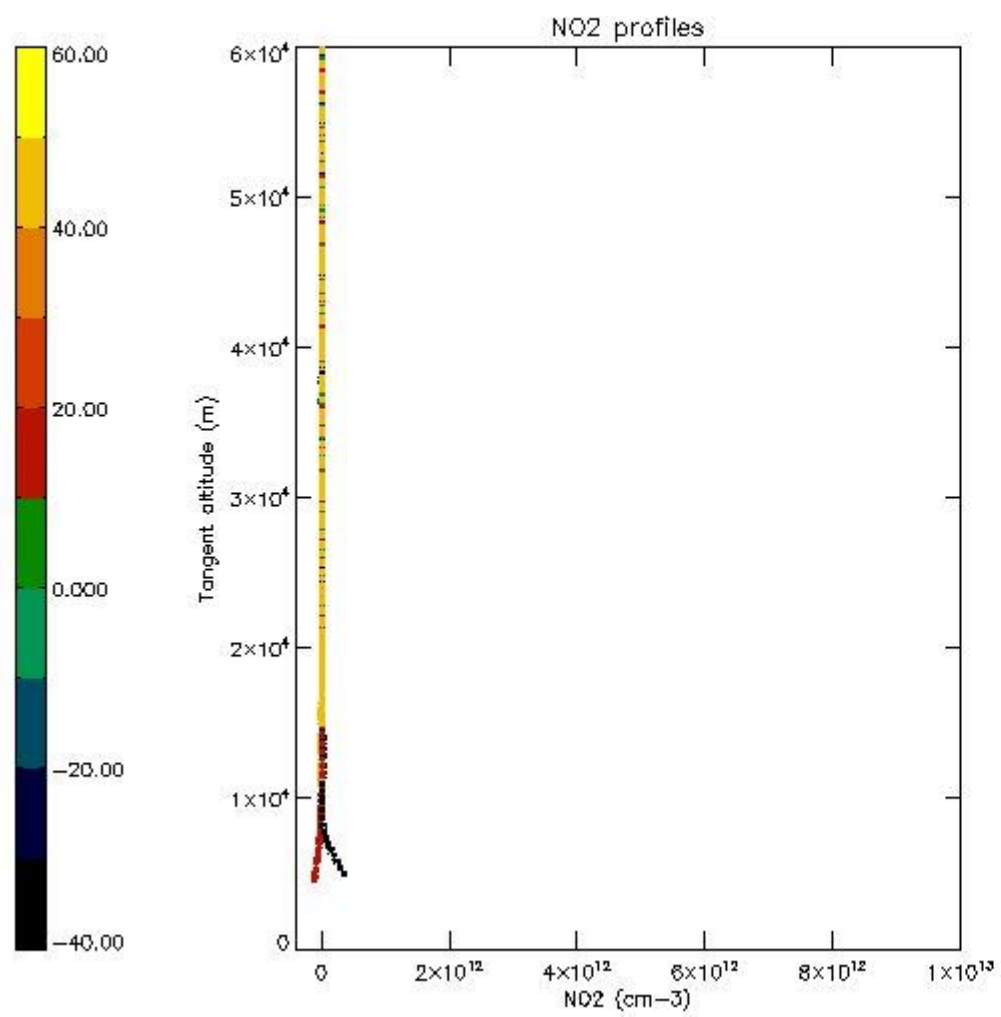
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



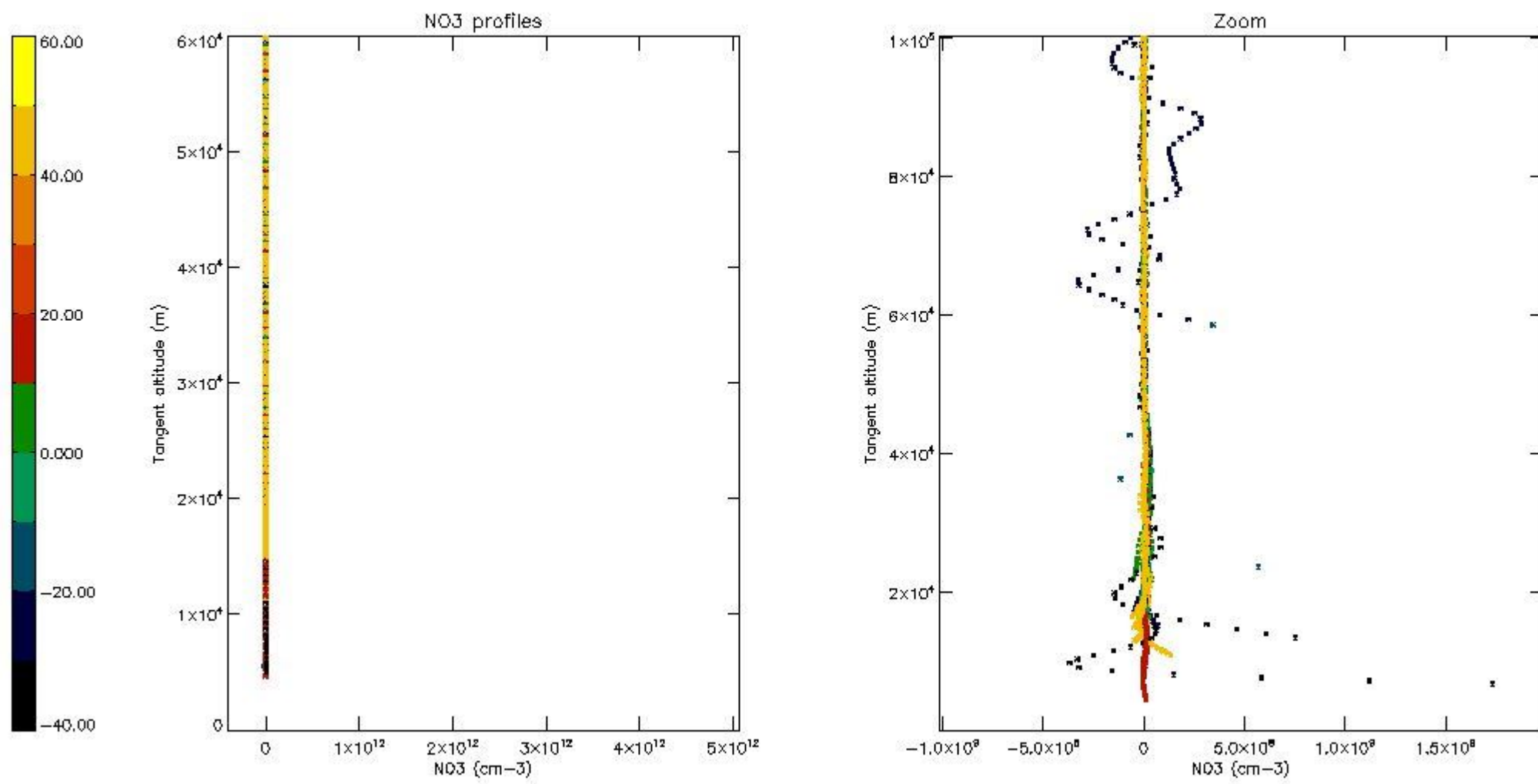
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



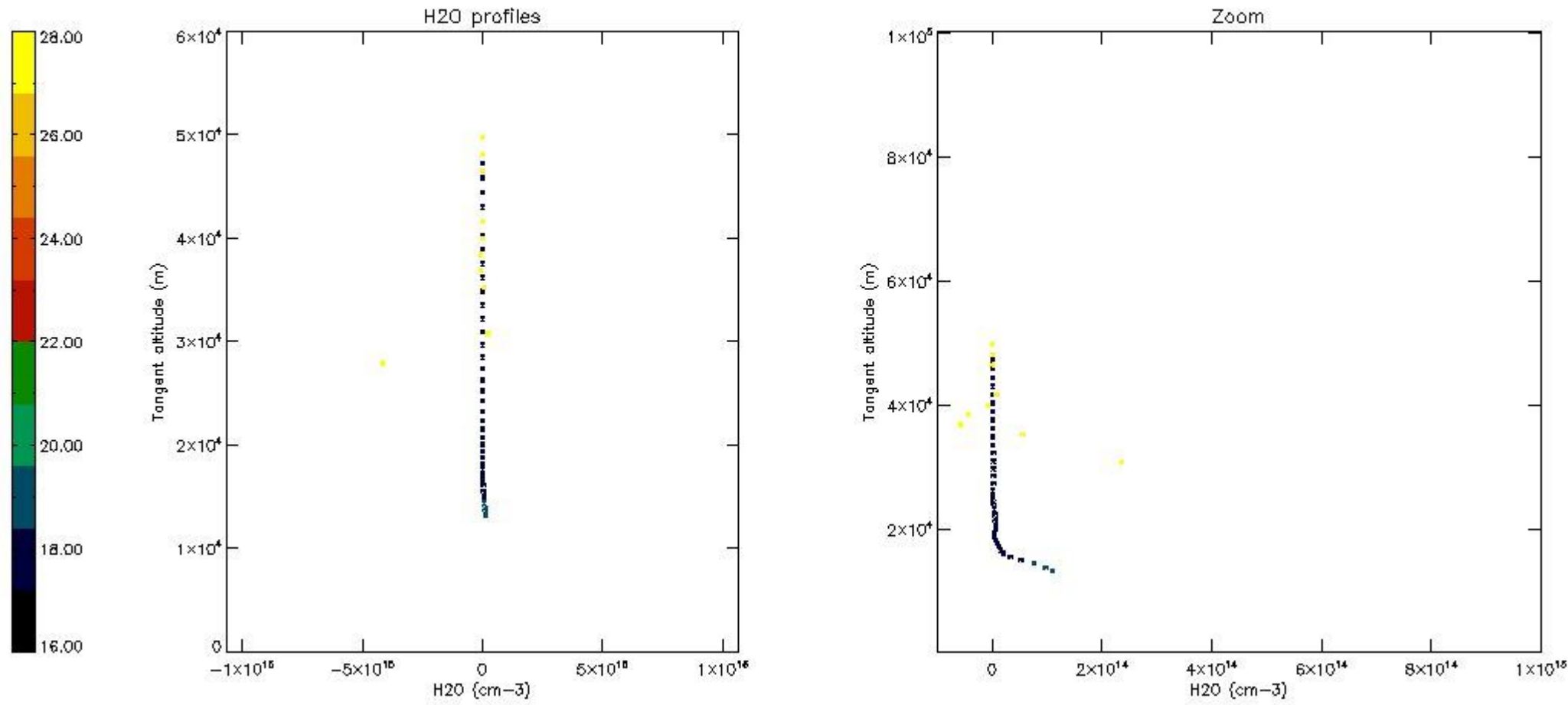
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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_AXNIEC20050627_150440_20020301_000000_20100101_000000 | 1 | 11-NOV-2002 00:01:59 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 11-NOV-2002 00:01:59 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 11-NOV-2002 00:01:59 |

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

[3. Level 2 Quality information per product](#)

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

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

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

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

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

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

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

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

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

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

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

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

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

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

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

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

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 17APR2013 20:04:47 |
| Data source version | GOMOS/6.01 |
| Start time of products | 11-11-2002 (11NOV2002 00:00:00) |
| Stop time of products | 12-11-2002 (12NOV2002 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 249 |
| Nb of prods with errors | 172 |

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__2PRFIN20021111_000159_000000592011_00088_03649_1450.N1 | 11-NOV-2002 00:01:59 | Dark | 59.000 | 2 | Alp Car | -0.73600 | 7000.0 | 118 | 3649 | No |
| 2 | GOM_NL__2PRFIN20021111_000615_000000452011_00088_03649_1451.N1 | 11-NOV-2002 00:06:15 | Dark | 44.500 | 143 | Alp Hyi | 2.8570 | 7200.0 | 89 | 3649 | No |
| 3 | GOM_NL__2PRFIN20021111_000736_000000502011_00088_03649_1452.N1 | 11-NOV-2002 00:07:36 | Dark | 50.000 | 9 | Alp Eri | 0.45300 | 24000. | 100 | 3649 | No |
| 4 | GOM_NL__2PRFIN20021111_001115_000000472011_00088_03649_1453.N1 | 11-NOV-2002 00:11:15 | Straylight | 46.500 | 157 | The1Eri | 2.9060 | 9300.0 | 93 | 3649 | No |
| 5 | GOM_NL__2PRFIN20021111_001543_000002172011_00088_03649_1454.N1 | 11-NOV-2002 00:15:43 | Twilight | 217.00 | 1 | 9Alp CMa | -1.4400 | 11000. | 434 | 3649 | No |
| 6 | GOM_NL__2PRFIN20021111_002152_000001292011_00088_03649_1455.N1 | 11-NOV-2002 00:21:52 | Twilight | 129.00 | 7 | 19Bet Ori | 0.10000 | 14000. | 258 | 3649 | No |
| 7 | GOM_NL__2PRFIN20021111_003320_000000452011_00088_03649_1456.N1 | 11-NOV-2002 00:33:20 | Bright | 45.000 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 90 | 3649 | No |
| 8 | GOM_NL__2PRFIN20021111_003525_000000482011_00088_03649_1457.N1 | 11-NOV-2002 00:35:25 | Bright | 47.500 | 73 | 57Gam1And | 2.2600 | 13100. | 95 | 3649 | No |
| 9 | GOM_NL__2PRFIN20021111_003724_000000542011_00088_03649_1458.N1 | 11-NOV-2002 00:37:24 | Bright | 54.000 | 149 | 45Eps Per | 2.8880 | 30000. | 108 | 3649 | No |
| 10 | GOM_NL__2PRFIN20021111_003929_000000452011_00088_03649_1459.N1 | 11-NOV-2002 00:39:29 | Bright | 44.500 | 68 | 18Alp Cas | 2.2250 | 4500.0 | 89 | 3649 | No |
| 11 | GOM_NL__2PRFIN20021111_004321_000000722011_00088_03649_1460.N1 | 11-NOV-2002 00:43:21 | Bright | 71.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 143 | 3649 | No |
| 12 | GOM_NL__2PRFIN20021111_004833_000000442011_00088_03649_1461.N1 | 11-NOV-2002 00:48:33 | Bright | 44.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 88 | 3649 | No |
| 13 | GOM_NL__2PRFIN20021111_005246_000000452011_00088_03649_1462.N1 | 11-NOV-2002 00:52:46 | Bright | 45.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 90 | 3649 | No |
| 14 | GOM_NL__2PRFIN20021111_005624_000000522011_00088_03649_1463.N1 | 11-NOV-2002 00:56:24 | Bright | 51.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 103 | 3649 | No |
| 15 | GOM_NL__2PRFIN20021111_005802_000000512011_00088_03649_1464.N1 | 11-NOV-2002 00:58:02 | Bright | 50.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 101 | 3649 | No |
| 16 | GOM_NL__2PRFIN20021111_010002_000000412011_00088_03649_1465.N1 | 11-NOV-2002 01:00:02 | Bright | 41.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 82 | 3649 | No |
| 17 | GOM_NL__2PRFIN20021111_010158_000000522011_00088_03649_1466.N1 | 11-NOV-2002 01:01:58 | Bright | 51.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 103 | 3649 | No |
| 18 | GOM_NL__2PRFIN20021111_011111_000000882011_00088_03649_1467.N1 | 11-NOV-2002 01:11:11 | Bright | 87.500 | 166 | 17Eps Leo | 2.9800 | 6000.0 | 175 | 3649 | No |
| 19 | GOM_NL__2PRFIN20021111_011751_000001902011_00088_03649_1468.N1 | 11-NOV-2002 01:17:51 | Dark | 190.00 | 1015 | Jupiter | 0.0000 | 0.0000 | 380 | 3649 | Yes |
| 20 | GOM_NL__2PRFIN20021111_012713_000001292011_00088_03649_1469.N1 | 11-NOV-2002 01:27:13 | Dark | 129.00 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 258 | 3649 | No |
| 21 | GOM_NL__2PRFIN20021111_013146_000000462011_00088_03649_1470.N1 | 11-NOV-2002 01:31:46 | Dark | 46.000 | 12 | Alp1Cru | 0.77500 | 30000. | 92 | 3649 | No |
| 22 | GOM_NL__2PRFIN20021111_013403_000000182011_00089_03650_1448.N1 | 11-NOV-2002 01:34:03 | Dark | 17.500 | 124 | The Car | 2.7640 | 30000. | 35 | 3650 | Yes |
| 23 | GOM_NL__2PRFIN20021111_013538_000000212011_00089_03650_1449.N1 | 11-NOV-2002 01:35:38 | Dark | 21.000 | 71 | lot Car | 2.2460 | 7700.0 | 42 | 3650 | Yes |
| 24 | GOM_NL__2PRFIN20021111_013654_000000192011_00089_03650_1450.N1 | 11-NOV-2002 01:36:54 | Dark | 19.000 | 29 | Bet Car | 1.6720 | 10200. | 38 | 3650 | Yes |
| 25 | GOM_NL__2PRFIN20021111_013812_000000242011_00089_03650_1451.N1 | 11-NOV-2002 01:38:12 | Dark | 24.000 | 34 | Gam2Vel | 1.7930 | 23000. | 48 | 3650 | Yes |
| 26 | GOM_NL__2PRFIN20021111_014308_000000342011_00089_03650_1452.N1 | 11-NOV-2002 01:43:08 | Dark | 33.500 | 2 | Alp Car | -0.73600 | 7000.0 | 67 | 3650 | Yes |
| 27 | GOM_NL__2PRFIN20021111_014430_000000382011_00089_03650_1453.N1 | 11-NOV-2002 01:44:30 | Dark | 38.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 76 | 3650 | Yes |
| 28 | GOM_NL__2PRFIN20021111_014719_000000192011_00089_03650_1454.N1 | 11-NOV-2002 01:47:19 | Dark | 18.500 | 143 | Alp Hyi | 2.8570 | 7200.0 | 37 | 3650 | Yes |
| 29 | GOM_NL__2PRFIN20021111_014840_000000292011_00089_03650_1455.N1 | 11-NOV-2002 01:48:40 | Dark | 29.000 | 9 | Alp Eri | 0.45300 | 24000. | 58 | 3650 | Yes |
| 30 | GOM_NL__2PRFIN20021111_014956_000000262011_00089_03650_1456.N1 | 11-NOV-2002 01:49:56 | Dark | 25.500 | 108 | Alp Col | 2.6520 | 15200. | 51 | 3650 | Yes |
| 31 | GOM_NL__2PRFIN20021111_015220_000000182011_00089_03650_1457.N1 | 11-NOV-2002 01:52:20 | Dark | 17.500 | 157 | The1Eri | 2.9060 | 9300.0 | 35 | 3650 | Yes |
| 32 | GOM_NL__2PRFIN20021111_015611_000000402011_00089_03650_1458.N1 | 11-NOV-2002 01:56:11 | Dark | 40.000 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 80 | 3650 | Yes |
| 33 | GOM_NL__2PRFIN20021111_015922_000001692011_00089_03650_1459.N1 | 11-NOV-2002 01:59:22 | Twilight | 169.00 | 1 | 9Alp CMa | -1.4400 | 11000. | 338 | 3650 | No |
| 34 | GOM_NL__2PRFIN20021111_020329_000000572011_00089_03650_1460.N1 | 11-NOV-2002 02:03:29 | Dark | 57.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 114 | 3650 | Yes |
| 35 | GOM_NL__2PRFIN20021111_020540_000000292011_00089_03650_1461.N1 | 11-NOV-2002 02:05:40 | Dark | 29.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 58 | 3650 | Yes |
| 36 | GOM_NL__2PRFIN20021111_021018_000000162011_00089_03650_1462.N1 | 11-NOV-2002 02:10:18 | Bright | 15.500 | 105 | 6Bet Ari | 2.6450 | 8900.0 | 31 | 3650 | No |
| 37 | GOM_NL__2PRFIN20021111_021426_000000162011_00089_03650_1463.N1 | 11-NOV-2002 02:14:26 | Dark | 16.000 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 32 | 3650 | Yes |
| 38 | GOM_NL__2PRFIN20021111_021629_000000172011_00089_03650_1464.N1 | 11-NOV-2002 02:16:29 | Dark | 16.500 | 73 | 57Gam1And | 2.2600 | 13100. | 33 | 3650 | Yes |
| 39 | GOM_NL__2PRFIN20021111_021835_000000192011_00089_03650_1465.N1 | 11-NOV-2002 02:18:35 | Dark | 19.000 | 149 | 45Eps Per | 2.8880 | 30000. | 38 | 3650 | Yes |
| 40 | GOM_NL__2PRFIN20021111_022439_000000282011_00089_03650_1466.N1 | 11-NOV-2002 02:24:39 | Dark | 27.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 55 | 3650 | Yes |
| 41 | GOM_NL__2PRFIN20021111_022938_000000152011_00089_03650_1467.N1 | 11-NOV-2002 02:29:38 | Bright | 15.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 30 | 3650 | No |
| 42 | GOM_NL__2PRFIN20021111_023350_000000202011_00089_03650_1468.N1 | 11-NOV-2002 02:33:50 | Dark | 19.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 39 | 3650 | Yes |

| | | | | | | | | | | | |
|-----|---|----------------------|----------------|--------|------|-----------|----------|--------|-----|------|-----|
| 43 | GOM_NL__2PRFIN20021111_023731_000000202011_00089_03650_1469.N1 | 11-NOV-2002 02:37:31 | Dark | 19.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 39 | 3650 | Yes |
| 44 | GOM_NL__2PRFIN20021111_023910_000000192011_00089_03650_1470.N1 | 11-NOV-2002 02:39:10 | Dark | 18.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 37 | 3650 | Yes |
| 45 | GOM_NL__2PRFIN20021111_024017_000000162011_00089_03650_1471.N1 | 11-NOV-2002 02:40:17 | Bright | 16.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 32 | 3650 | No |
| 46 | GOM_NL__2PRFIN20021111_024306_000000192011_00089_03650_1472.N1 | 11-NOV-2002 02:43:06 | Dark | 18.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 37 | 3650 | Yes |
| 47 | GOM_NL__2PRFIN20021111_024436_000000152011_00089_03650_1473.N1 | 11-NOV-2002 02:44:36 | Dark | 14.500 | 152 | 12Alp2CVn | 2.8900 | 11000. | 29 | 3650 | Yes |
| 48 | GOM_NL__2PRFIN20021111_025114_000000202011_00089_03650_1474.N1 | 11-NOV-2002 02:51:14 | Dark | 19.500 | 96 | 68Del Leo | 2.5600 | 9300.0 | 39 | 3650 | Yes |
| 49 | GOM_NL__2PRFIN20021111_025243_000000322011_00089_03650_1475.N1 | 11-NOV-2002 02:52:43 | Dark | 31.500 | 166 | 17Eps Leo | 2.9800 | 6000.0 | 63 | 3650 | Yes |
| 50 | GOM_NL__2PRFIN20021111_025702_000000432011_00089_03650_1476.N1 | 11-NOV-2002 02:57:02 | Dark | 42.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 85 | 3650 | Yes |
| 51 | GOM_NL__2PRFIN20021111_030001_000001002011_00089_03650_1477.N1 | 11-NOV-2002 03:00:01 | Dark | 99.500 | 1015 | Jupiter | 0.0000 | 0.0000 | 199 | 3650 | Yes |
| 52 | GOM_NL__2PRFIN20021111_030852_000000182011_00089_03650_1478.N1 | 11-NOV-2002 03:08:52 | Dark | 18.000 | 64 | Gam Cen | 2.2000 | 10600. | 36 | 3650 | Yes |
| 53 | GOM_NL__2PRFIN20021111_030946_000000212011_00089_03650_1479.N1 | 11-NOV-2002 03:09:46 | Dark | 21.000 | 99 | Del Cen | 2.5750 | 26000. | 42 | 3650 | Yes |
| 54 | GOM_NL__2PRFIN20021111_031144_000000232011_00089_03650_1480.N1 | 11-NOV-2002 03:11:44 | Dark | 22.500 | 20 | Bet Cru | 1.2530 | 30000. | 45 | 3650 | Yes |
| 55 | GOM_NL__2PRFIN20021111_031249_000000182011_00090_03651_1481.N1 | 11-NOV-2002 03:12:49 | Dark | 18.000 | 12 | Alp1Cru | 0.77500 | 30000. | 36 | 3651 | Yes |
| 56 | GOM_NL__2PRFIN20021111_031439_000000192011_00090_03651_1448.N1 | 11-NOV-2002 03:14:39 | Dark | 19.000 | 124 | The Car | 2.7640 | 30000. | 38 | 3651 | Yes |
| 57 | GOM_NL__2PRFIN20021111_031614_000000222011_00090_03651_1449.N1 | 11-NOV-2002 03:16:14 | Dark | 22.000 | 71 | Iot Car | 2.2460 | 7700.0 | 44 | 3651 | Yes |
| 58 | GOM_NL__2PRFIN20021111_031730_000000182011_00090_03651_1450.N1 | 11-NOV-2002 03:17:30 | Dark | 17.500 | 29 | Bet Car | 1.6720 | 10200. | 35 | 3651 | Yes |
| 59 | GOM_NL__2PRFIN20021111_031849_000000232011_00090_03651_1451.N1 | 11-NOV-2002 03:18:49 | Dark | 23.000 | 34 | Gam2Vel | 1.7930 | 23000. | 46 | 3651 | Yes |
| 60 | GOM_NL__2PRFIN20021111_032344_000000272011_00090_03651_1452.N1 | 11-NOV-2002 03:23:44 | Dark | 26.500 | 2 | Alp Car | -0.73600 | 7000.0 | 53 | 3651 | Yes |
| 61 | GOM_NL__2PRFIN20021111_032507_000000372011_00090_03651_1453.N1 | 11-NOV-2002 03:25:07 | Dark | 37.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 74 | 3651 | Yes |
| 62 | GOM_NL__2PRFIN20021111_032754_000000172011_00090_03651_1454.N1 | 11-NOV-2002 03:27:54 | Dark | 17.000 | 143 | Alp Hyi | 2.8570 | 7200.0 | 34 | 3651 | Yes |
| 63 | GOM_NL__2PRFIN20021111_032915_000000222011_00090_03651_1455.N1 | 11-NOV-2002 03:29:15 | Dark | 22.000 | 9 | Alp Eri | 0.45300 | 24000. | 44 | 3651 | Yes |
| 64 | GOM_NL__2PRFIN20021111_033033_000000292011_00090_03651_1456.N1 | 11-NOV-2002 03:30:33 | Dark | 28.500 | 108 | Alp Col | 2.6520 | 15200. | 57 | 3651 | Yes |
| 65 | GOM_NL__2PRFIN20021111_033255_000000202011_00090_03651_1457.N1 | 11-NOV-2002 03:32:55 | Dark | 19.500 | 157 | The1Eri | 2.9060 | 9300.0 | 39 | 3651 | Yes |
| 66 | GOM_NL__2PRFIN20021111_033647_000000392011_00090_03651_1458.N1 | 11-NOV-2002 03:36:47 | Dark | 39.000 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 78 | 3651 | Yes |
| 67 | GOM_NL__2PRFIN20021111_033956_0000001692011_00090_03651_1459.N1 | 11-NOV-2002 03:39:56 | Tw_i_and_stray | 169.00 | 1 | 9Alp CMa | -1.4400 | 11000. | 338 | 3651 | No |
| 68 | GOM_NL__2PRFIN20021111_034405_000000602011_00090_03651_1460.N1 | 11-NOV-2002 03:44:05 | Dark | 59.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 119 | 3651 | Yes |
| 69 | GOM_NL__2PRFIN20021111_034615_000000352011_00090_03651_1461.N1 | 11-NOV-2002 03:46:15 | Dark | 35.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 70 | 3651 | Yes |
| 70 | GOM_NL__2PRFIN20021111_035054_000000182011_00090_03651_1462.N1 | 11-NOV-2002 03:50:54 | Bright | 18.000 | 105 | 6Bet Ari | 2.6450 | 8900.0 | 36 | 3651 | No |
| 71 | GOM_NL__2PRFIN20021111_035501_000000172011_00090_03651_1463.N1 | 11-NOV-2002 03:55:01 | Dark | 17.000 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 34 | 3651 | Yes |
| 72 | GOM_NL__2PRFIN20021111_035705_000000192011_00090_03651_1464.N1 | 11-NOV-2002 03:57:05 | Dark | 18.500 | 73 | 57Gam1And | 2.2600 | 13100. | 37 | 3651 | Yes |
| 73 | GOM_NL__2PRFIN20021111_035910_000000182011_00090_03651_1465.N1 | 11-NOV-2002 03:59:10 | Dark | 18.000 | 149 | 45Eps Per | 2.8880 | 30000. | 36 | 3651 | Yes |
| 74 | GOM_NL__2PRFIN20021111_040514_000000292011_00090_03651_1466.N1 | 11-NOV-2002 04:05:14 | Dark | 28.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 57 | 3651 | Yes |
| 75 | GOM_NL__2PRFIN20021111_041014_000000132011_00090_03651_1467.N1 | 11-NOV-2002 04:10:14 | Bright | 13.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 26 | 3651 | No |
| 76 | GOM_NL__2PRFIN20021111_041426_000000182011_00090_03651_1468.N1 | 11-NOV-2002 04:14:26 | Dark | 17.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 35 | 3651 | Yes |
| 77 | GOM_NL__2PRFIN20021111_041807_000000212011_00090_03651_1469.N1 | 11-NOV-2002 04:18:07 | Dark | 21.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 42 | 3651 | Yes |
| 78 | GOM_NL__2PRFIN20021111_041946_000000192011_00090_03651_1470.N1 | 11-NOV-2002 04:19:46 | Dark | 18.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 37 | 3651 | Yes |
| 79 | GOM_NL__2PRFIN20021111_042053_000000182011_00090_03651_1471.N1 | 11-NOV-2002 04:20:53 | Bright | 18.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 36 | 3651 | No |
| 80 | GOM_NL__2PRFIN20021111_042342_000000192011_00090_03651_1472.N1 | 11-NOV-2002 04:23:42 | Dark | 18.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 37 | 3651 | Yes |
| 81 | GOM_NL__2PRFIN20021111_042513_000000162011_00090_03651_1473.N1 | 11-NOV-2002 04:25:13 | Dark | 16.000 | 152 | 12Alp2CVn | 2.8900 | 11000. | 32 | 3651 | Yes |
| 82 | GOM_NL__2PRFIN20021111_043151_000000222011_00090_03651_1474.N1 | 11-NOV-2002 04:31:51 | Dark | 21.500 | 96 | 68Del Leo | 2.5600 | 9300.0 | 43 | 3651 | Yes |
| 83 | GOM_NL__2PRFIN20021111_043320_000000412011_00090_03651_1475.N1 | 11-NOV-2002 04:33:20 | Dark | 40.500 | 166 | 17Eps Leo | 2.9800 | 6000.0 | 81 | 3651 | Yes |
| 84 | GOM_NL__2PRFIN20021111_043739_000000442011_00090_03651_1476.N1 | 11-NOV-2002 04:37:39 | Dark | 43.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 87 | 3651 | Yes |
| 85 | GOM_NL__2PRFIN20021111_044040_000001022011_00090_03651_1477.N1 | 11-NOV-2002 04:40:40 | Dark | 102.00 | 1015 | Jupiter | 0.0000 | 0.0000 | 204 | 3651 | Yes |
| 86 | GOM_NL__2PRFIN20021111_044929_000000202011_00090_03651_1478.N1 | 11-NOV-2002 04:49:29 | Dark | 20.000 | 64 | Gam Cen | 2.2000 | 10600. | 40 | 3651 | Yes |
| 87 | GOM_NL__2PRFIN20021111_045023_000000202011_00090_03651_1479.N1 | 11-NOV-2002 04:50:23 | Dark | 19.500 | 99 | Del Cen | 2.5750 | 26000. | 39 | 3651 | Yes |
| 88 | GOM_NL__2PRFIN20021111_045220_000000212011_00090_03651_1480.N1 | 11-NOV-2002 04:52:20 | Dark | 21.000 | 20 | Bet Cru | 1.2530 | 30000. | 42 | 3651 | Yes |
| 89 | GOM_NL__2PRFIN20021111_045325_000000182011_00091_03652_1481.N1 | 11-NOV-2002 04:53:25 | Dark | 18.000 | 12 | Alp1Cru | 0.77500 | 30000. | 36 | 3652 | Yes |
| 90 | GOM_NL__2PRFIN20021111_045516_000000182011_00091_03652_1469.N1 | 11-NOV-2002 04:55:16 | Dark | 18.000 | 124 | The Car | 2.7640 | 30000. | 36 | 3652 | Yes |
| 91 | GOM_NL__2PRFIN20021111_045651_000000192011_00091_03652_1470.N1 | 11-NOV-2002 04:56:51 | Dark | 18.500 | 71 | Iot Car | 2.2460 | 7700.0 | 37 | 3652 | Yes |
| 92 | GOM_NL__2PRFIN20021111_045807_000000192011_00091_03652_1471.N1 | 11-NOV-2002 04:58:07 | Dark | 19.000 | 29 | Bet Car | 1.6720 | 10200. | 38 | 3652 | Yes |
| 93 | GOM_NL__2PRFIN20021111_045926_000000232011_00091_03652_1472.N1 | 11-NOV-2002 04:59:26 | Dark | 22.500 | 34 | Gam2Vel | 1.7930 | 23000. | 45 | 3652 | Yes |
| 94 | GOM_NL__2PRFIN20021111_050421_000000262011_00091_03652_1473.N1 | 11-NOV-2002 05:04:21 | Dark | 25.500 | 2 | Alp Car | -0.73600 | 7000.0 | 51 | 3652 | Yes |
| 95 | GOM_NL__2PRFIN20021111_050545_000000412011_00091_03652_1474.N1 | 11-NOV-2002 05:05:45 | Dark | 40.500 | 88 | 31Eta CMa | 2.4480 | 20000. | 81 | 3652 | Yes |
| 96 | GOM_NL__2PRFIN20021111_050831_000000172011_00091_03652_1475.N1 | 11-NOV-2002 05:08:31 | Dark | 17.000 | 143 | Alp Hyi | 2.8570 | 7200.0 | 34 | 3652 | Yes |
| 97 | GOM_NL__2PRFIN20021111_050952_000000232011_00091_03652_1476.N1 | 11-NOV-2002 05:09:52 | Dark | 23.000 | 9 | Alp Eri | 0.45300 | 24000. | 46 | 3652 | Yes |
| 98 | GOM_NL__2PRFIN20021111_051109_000000262011_00091_03652_1477.N1 | 11-NOV-2002 05:11:09 | Dark | 26.000 | 108 | Alp Col | 2.6520 | 15200. | 52 | 3652 | Yes |
| 99 | GOM_NL__2PRFIN20021111_051332_000000192011_00091_03652_1478.N1 | 11-NOV-2002 05:13:32 | Dark | 19.000 | 157 | The1Eri | 2.9060 | 9300.0 | 38 | 3652 | Yes |
| 100 | GOM_NL__2PRFIN20021111_051724_000000392011_00091_03652_1479.N1 | 11-NOV-2002 05:17:24 | Dark | 38.500 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 77 | 3652 | Yes |
| 101 | GOM_NL__2PRFIN20021111_052031_0000001692011_00091_03652_1480.N1 | 11-NOV-2002 05:20:31 | Tw_i_and_stray | 169.00 | 1 | 9Alp CMa | -1.4400 | 11000. | 338 | 3652 | No |

| | | | | | | | | | | | |
|-----|---|----------------------|----------------|--------|------|-----------|----------|--------|-----|------|-----|
| 102 | GOM_NL__2PRFIN20021111_052440_000000732011_00091_03652_1481.N1 | 11-NOV-2002 05:24:40 | Dark | 72.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 145 | 3652 | Yes |
| 103 | GOM_NL__2PRFIN20021111_052651_000000332011_00091_03652_1482.N1 | 11-NOV-2002 05:26:51 | Dark | 32.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 65 | 3652 | Yes |
| 104 | GOM_NL__2PRFIN20021111_053130_000000192011_00091_03652_1483.N1 | 11-NOV-2002 05:31:30 | Bright | 18.500 | 105 | 6Bet Ari | 2.6450 | 8900.0 | 37 | 3652 | No |
| 105 | GOM_NL__2PRFIN20021111_053537_000000182011_00091_03652_1484.N1 | 11-NOV-2002 05:35:37 | Dark | 17.500 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 35 | 3652 | Yes |
| 106 | GOM_NL__2PRFIN20021111_053741_000000192011_00091_03652_1485.N1 | 11-NOV-2002 05:37:41 | Dark | 18.500 | 73 | 57Gam1And | 2.2600 | 13100. | 37 | 3652 | Yes |
| 107 | GOM_NL__2PRFIN20021111_053946_000000202011_00091_03652_1486.N1 | 11-NOV-2002 05:39:46 | Dark | 19.500 | 149 | 45Eps Per | 2.8880 | 30000. | 39 | 3652 | Yes |
| 108 | GOM_NL__2PRFIN20021111_054549_000000532011_00091_03652_1487.N1 | 11-NOV-2002 05:45:49 | Dark | 53.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 106 | 3652 | Yes |
| 109 | GOM_NL__2PRFIN20021111_055050_000000172011_00091_03652_1488.N1 | 11-NOV-2002 05:50:50 | Bright | 16.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 33 | 3652 | No |
| 110 | GOM_NL__2PRFIN20021111_055503_000000182011_00091_03652_1489.N1 | 11-NOV-2002 05:55:03 | Dark | 17.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 35 | 3652 | Yes |
| 111 | GOM_NL__2PRFIN20021111_055843_000000192011_00091_03652_1490.N1 | 11-NOV-2002 05:58:43 | Dark | 19.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 38 | 3652 | Yes |
| 112 | GOM_NL__2PRFIN20021111_060022_000000182011_00091_03652_1491.N1 | 11-NOV-2002 06:00:22 | Dark | 17.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 35 | 3652 | Yes |
| 113 | GOM_NL__2PRFIN20021111_060129_000000172011_00091_03652_1492.N1 | 11-NOV-2002 06:01:29 | Bright | 16.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 33 | 3652 | No |
| 114 | GOM_NL__2PRFIN20021111_060418_000000162011_00091_03652_1493.N1 | 11-NOV-2002 06:04:18 | Dark | 15.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 31 | 3652 | Yes |
| 115 | GOM_NL__2PRFIN20021111_061227_000000202011_00091_03652_1494.N1 | 11-NOV-2002 06:12:27 | Dark | 20.000 | 96 | 68Del Leo | 2.5600 | 9300.0 | 40 | 3652 | Yes |
| 116 | GOM_NL__2PRFIN20021111_061357_000000352011_00091_03652_1495.N1 | 11-NOV-2002 06:13:57 | Dark | 35.000 | 166 | 17Eps Leo | 2.9800 | 6000.0 | 70 | 3652 | Yes |
| 117 | GOM_NL__2PRFIN20021111_061817_000000412011_00091_03652_1496.N1 | 11-NOV-2002 06:18:17 | Dark | 41.000 | 22 | 32Alp Leo | 1.3600 | 15200. | 82 | 3652 | Yes |
| 118 | GOM_NL__2PRFIN20021111_062119_000000992011_00091_03652_1497.N1 | 11-NOV-2002 06:21:19 | Dark | 99.000 | 1015 | Jupiter | 0.0000 | 0.0000 | 198 | 3652 | Yes |
| 119 | GOM_NL__2PRFIN20021111_063005_000000202011_00091_03652_1498.N1 | 11-NOV-2002 06:30:05 | Dark | 19.500 | 64 | Gam Cen | 2.2000 | 10600. | 39 | 3652 | Yes |
| 120 | GOM_NL__2PRFIN20021111_063059_000000202011_00091_03652_1499.N1 | 11-NOV-2002 06:30:59 | Dark | 19.500 | 99 | Del Cen | 2.5750 | 26000. | 39 | 3652 | Yes |
| 121 | GOM_NL__2PRFIN20021111_063257_000000222011_00091_03652_1500.N1 | 11-NOV-2002 06:32:57 | Dark | 21.500 | 20 | Bet Cru | 1.2530 | 30000. | 43 | 3652 | Yes |
| 122 | GOM_NL__2PRFIN20021111_063401_000000222011_00092_03653_1501.N1 | 11-NOV-2002 06:34:01 | Dark | 22.000 | 12 | Alp1Cru | 0.77500 | 30000. | 44 | 3653 | Yes |
| 123 | GOM_NL__2PRFIN20021111_063552_000000172011_00092_03653_9607.N1 | 11-NOV-2002 06:35:52 | Dark | 17.000 | 124 | The Car | 2.7640 | 30000. | 34 | 3653 | Yes |
| 124 | GOM_NL__2PRFIN20021111_063727_000000252011_00092_03653_9608.N1 | 11-NOV-2002 06:37:27 | Dark | 24.500 | 71 | Iot Car | 2.2460 | 7700.0 | 49 | 3653 | Yes |
| 125 | GOM_NL__2PRFIN20021111_063843_000000202011_00092_03653_9609.N1 | 11-NOV-2002 06:38:43 | Dark | 19.500 | 29 | Bet Car | 1.6720 | 10200. | 39 | 3653 | Yes |
| 126 | GOM_NL__2PRFIN20021111_064003_000000242011_00092_03653_9610.N1 | 11-NOV-2002 06:40:03 | Dark | 23.500 | 34 | Gam2Vel | 1.7930 | 23000. | 47 | 3653 | Yes |
| 127 | GOM_NL__2PRFIN20021111_064458_000000382011_00092_03653_9611.N1 | 11-NOV-2002 06:44:58 | Dark | 38.000 | 2 | Alp Car | -0.73600 | 7000.0 | 76 | 3653 | Yes |
| 128 | GOM_NL__2PRFIN20021111_064623_000000382011_00092_03653_9612.N1 | 11-NOV-2002 06:46:23 | Dark | 37.500 | 88 | 31Eta CMa | 2.4480 | 20000. | 75 | 3653 | Yes |
| 129 | GOM_NL__2PRFIN20021111_064907_000000182011_00092_03653_9613.N1 | 11-NOV-2002 06:49:07 | Dark | 17.500 | 143 | Alp Hyi | 2.8570 | 7200.0 | 35 | 3653 | Yes |
| 130 | GOM_NL__2PRFIN20021111_065028_000000202011_00092_03653_9614.N1 | 11-NOV-2002 06:50:28 | Dark | 19.500 | 9 | Alp Eri | 0.45300 | 24000. | 39 | 3653 | Yes |
| 131 | GOM_NL__2PRFIN20021111_065146_000000312011_00092_03653_9615.N1 | 11-NOV-2002 06:51:46 | Dark | 30.500 | 108 | Alp Col | 2.6520 | 15200. | 61 | 3653 | Yes |
| 132 | GOM_NL__2PRFIN20021111_065408_000000192011_00092_03653_9616.N1 | 11-NOV-2002 06:54:08 | Dark | 18.500 | 157 | The1Eri | 2.9060 | 9300.0 | 37 | 3653 | Yes |
| 133 | GOM_NL__2PRFIN20021111_065800_000000362011_00092_03653_9617.N1 | 11-NOV-2002 06:58:00 | Dark | 36.000 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 72 | 3653 | Yes |
| 134 | GOM_NL__2PRFIN20021111_070106_0000001692011_00092_03653_9618.N1 | 11-NOV-2002 07:01:06 | Tw_i_and_stray | 169.00 | 1 | 9Alp CMa | -1.4400 | 11000. | 338 | 3653 | No |
| 135 | GOM_NL__2PRFIN20021111_070515_000000672011_00092_03653_9619.N1 | 11-NOV-2002 07:05:15 | Dark | 66.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 133 | 3653 | Yes |
| 136 | GOM_NL__2PRFIN20021111_070727_000000342011_00092_03653_9620.N1 | 11-NOV-2002 07:07:27 | Dark | 34.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 68 | 3653 | Yes |
| 137 | GOM_NL__2PRFIN20021111_081629_000000172011_00093_03654_9607.N1 | 11-NOV-2002 08:16:29 | Dark | 16.500 | 124 | The Car | 2.7640 | 30000. | 33 | 3654 | Yes |
| 138 | GOM_NL__2PRFIN20021111_081804_000000212011_00093_03654_9608.N1 | 11-NOV-2002 08:18:04 | Dark | 20.500 | 71 | Iot Car | 2.2460 | 7700.0 | 41 | 3654 | Yes |
| 139 | GOM_NL__2PRFIN20021111_081920_000000182011_00093_03654_9609.N1 | 11-NOV-2002 08:19:20 | Dark | 17.500 | 29 | Bet Car | 1.6720 | 10200. | 35 | 3654 | Yes |
| 140 | GOM_NL__2PRFIN20021111_082040_000000222011_00093_03654_9610.N1 | 11-NOV-2002 08:20:40 | Dark | 22.000 | 34 | Gam2Vel | 1.7930 | 23000. | 44 | 3654 | Yes |
| 141 | GOM_NL__2PRFIN20021111_082535_000000382011_00093_03654_9611.N1 | 11-NOV-2002 08:25:35 | Dark | 38.000 | 2 | Alp Car | -0.73600 | 7000.0 | 76 | 3654 | Yes |
| 142 | GOM_NL__2PRFIN20021111_082700_000000432011_00093_03654_9612.N1 | 11-NOV-2002 08:27:00 | Dark | 43.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 86 | 3654 | Yes |
| 143 | GOM_NL__2PRFIN20021111_082943_000000182011_00093_03654_9613.N1 | 11-NOV-2002 08:29:43 | Dark | 17.500 | 143 | Alp Hyi | 2.8570 | 7200.0 | 35 | 3654 | Yes |
| 144 | GOM_NL__2PRFIN20021111_083104_000000222011_00093_03654_9614.N1 | 11-NOV-2002 08:31:04 | Dark | 22.000 | 9 | Alp Eri | 0.45300 | 24000. | 44 | 3654 | Yes |
| 145 | GOM_NL__2PRFIN20021111_083223_000000262011_00093_03654_9615.N1 | 11-NOV-2002 08:32:23 | Dark | 26.000 | 108 | Alp Col | 2.6520 | 15200. | 52 | 3654 | Yes |
| 146 | GOM_NL__2PRFIN20021111_083444_000000212011_00093_03654_9616.N1 | 11-NOV-2002 08:34:44 | Dark | 21.000 | 157 | The1Eri | 2.9060 | 9300.0 | 42 | 3654 | Yes |
| 147 | GOM_NL__2PRFIN20021111_083836_000000382011_00093_03654_9617.N1 | 11-NOV-2002 08:38:36 | Dark | 37.500 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 75 | 3654 | Yes |
| 148 | GOM_NL__2PRFIN20021111_084141_0000001692011_00093_03654_9618.N1 | 11-NOV-2002 08:41:41 | Tw_i_and_stray | 169.00 | 1 | 9Alp CMa | -1.4400 | 11000. | 338 | 3654 | No |
| 149 | GOM_NL__2PRFIN20021111_084550_000000602011_00093_03654_9619.N1 | 11-NOV-2002 08:45:50 | Dark | 60.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 120 | 3654 | Yes |
| 150 | GOM_NL__2PRFIN20021111_084803_000000302011_00093_03654_9620.N1 | 11-NOV-2002 08:48:03 | Dark | 29.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 59 | 3654 | Yes |
| 151 | GOM_NL__2PRFIN20021111_095707_000000152011_00094_03655_9607.N1 | 11-NOV-2002 09:57:07 | Dark | 15.000 | 124 | The Car | 2.7640 | 30000. | 30 | 3655 | Yes |
| 152 | GOM_NL__2PRFIN20021111_095842_000000182011_00094_03655_9608.N1 | 11-NOV-2002 09:58:42 | Dark | 17.500 | 71 | Iot Car | 2.2460 | 7700.0 | 35 | 3655 | Yes |
| 153 | GOM_NL__2PRFIN20021111_100045_000000252011_00094_03655_9609.N1 | 11-NOV-2002 10:00:45 | Dark | 25.000 | 41 | Eps Car | 1.8600 | 4100.0 | 50 | 3655 | Yes |
| 154 | GOM_NL__2PRFIN20021111_100204_000000232011_00094_03655_9610.N1 | 11-NOV-2002 10:02:04 | Dark | 23.000 | 70 | Zet Pup | 2.2460 | 39000. | 46 | 3655 | Yes |
| 155 | GOM_NL__2PRFIN20021111_100403_000000442011_00094_03655_9611.N1 | 11-NOV-2002 10:04:03 | Dark | 44.000 | 132 | 15Rho Pup | 2.8030 | 6900.0 | 88 | 3655 | Yes |
| 156 | GOM_NL__2PRFIN20021111_100613_000000352011_00094_03655_9612.N1 | 11-NOV-2002 10:06:13 | Dark | 35.000 | 2 | Alp Car | -0.73600 | 7000.0 | 70 | 3655 | Yes |
| 157 | GOM_NL__2PRFIN20021111_100741_000000362011_00094_03655_9613.N1 | 11-NOV-2002 10:07:41 | Dark | 36.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 72 | 3655 | Yes |
| 158 | GOM_NL__2PRFIN20021111_101021_000000162011_00094_03655_9614.N1 | 11-NOV-2002 10:10:21 | Dark | 16.000 | 143 | Alp Hyi | 2.8570 | 7200.0 | 32 | 3655 | Yes |
| 159 | GOM_NL__2PRFIN20021111_101141_000000172011_00094_03655_9615.N1 | 11-NOV-2002 10:11:41 | Dark | 17.000 | 9 | Alp Eri | 0.45300 | 24000. | 34 | 3655 | Yes |
| 160 | GOM_NL__2PRFIN20021111_101302_000000252011_00094_03655_9616.N1 | 11-NOV-2002 10:13:02 | Dark | 24.500 | 108 | Alp Col | 2.6520 | 15200. | 49 | 3655 | Yes |

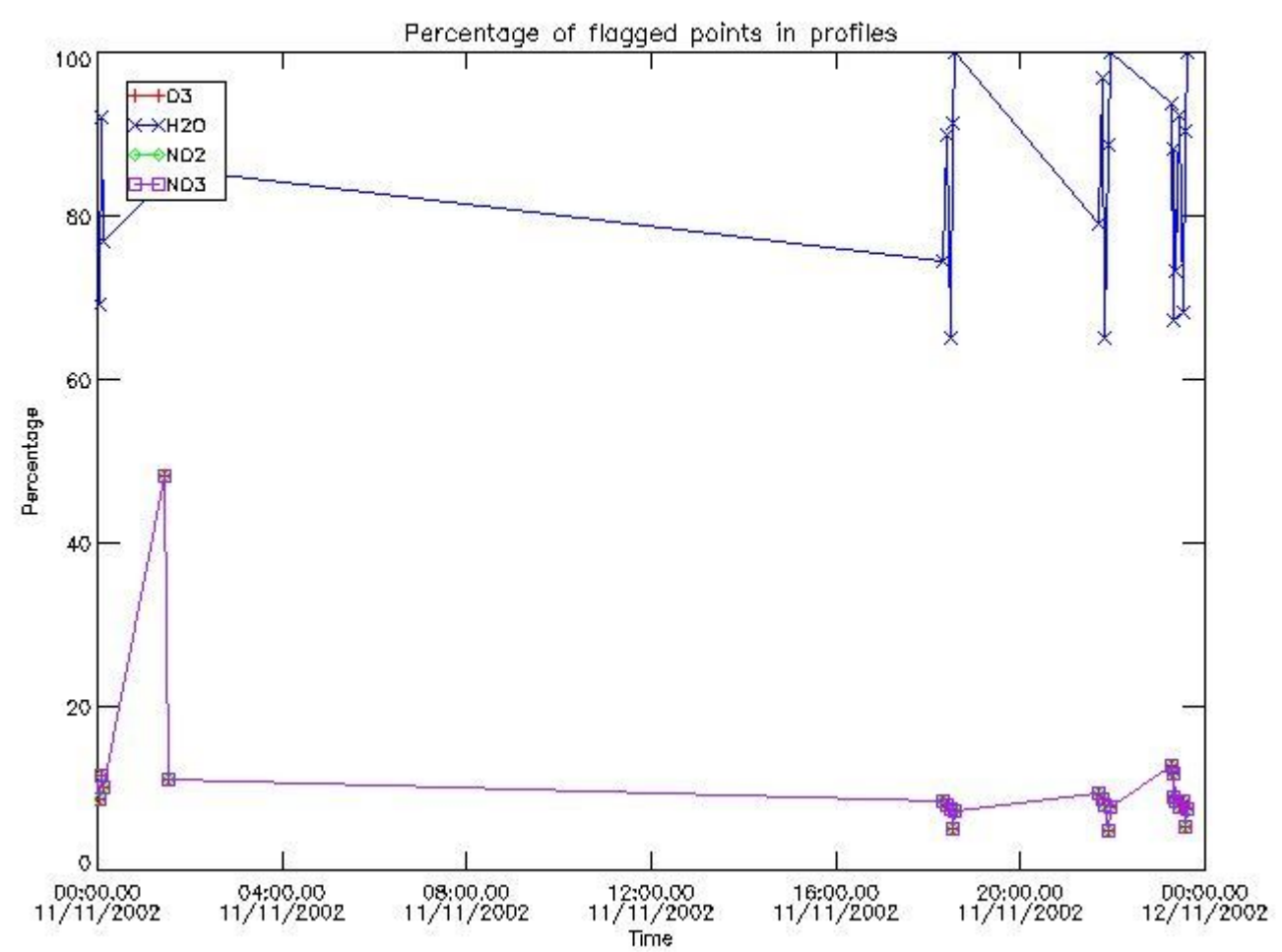
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|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|------|-----|
| 161 | GOM_NL__2PRFIN20021111_101522_000000182011_00094_03655_9617.N1 | 11-NOV-2002 10:15:22 | Dark | 17.500 | 157 | The1Eri | 2.9060 | 9300.0 | 35 | 3655 | Yes |
| 162 | GOM_NL__2PRFIN20021111_101915_000000402011_00094_03655_9618.N1 | 11-NOV-2002 10:19:15 | Dark | 39.500 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 79 | 3655 | Yes |
| 163 | GOM_NL__2PRFIN20021111_102051_000000402011_00094_03655_9619.N1 | 11-NOV-2002 10:20:51 | Dark | 39.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 79 | 3655 | Yes |
| 164 | GOM_NL__2PRFIN20021111_102230_000001712011_00094_03655_9620.N1 | 11-NOV-2002 10:22:30 | Tw_i_and_stray | 171.00 | 1 | 9Alp CMa | -1.4400 | 11000. | 342 | 3655 | No |
| 165 | GOM_NL__2PRFIN20021111_102629_000000532011_00094_03655_9621.N1 | 11-NOV-2002 10:26:29 | Dark | 53.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 106 | 3655 | Yes |
| 166 | GOM_NL__2PRFIN20021111_102841_000000272011_00094_03655_9622.N1 | 11-NOV-2002 10:28:41 | Dark | 26.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 53 | 3655 | Yes |
| 167 | GOM_NL__2PRFIN20021111_131628_000000212011_00096_03657_9608.N1 | 11-NOV-2002 13:16:28 | Dark | 20.500 | 12 | Alp1Cru | 0.77500 | 30000. | 41 | 3657 | Yes |
| 168 | GOM_NL__2PRFIN20021111_131820_000000152011_00096_03657_9609.N1 | 11-NOV-2002 13:18:20 | Dark | 15.000 | 124 | The Car | 2.7640 | 30000. | 30 | 3657 | Yes |
| 169 | GOM_NL__2PRFIN20021111_131956_000000182011_00096_03657_9610.N1 | 11-NOV-2002 13:19:56 | Dark | 17.500 | 71 | lot Car | 2.2460 | 7700.0 | 35 | 3657 | Yes |
| 170 | GOM_NL__2PRFIN20021111_132158_000000202011_00096_03657_9611.N1 | 11-NOV-2002 13:21:58 | Dark | 20.000 | 41 | Eps Car | 1.8600 | 4100.0 | 40 | 3657 | Yes |
| 171 | GOM_NL__2PRFIN20021111_132319_000000232011_00096_03657_9612.N1 | 11-NOV-2002 13:23:19 | Dark | 23.000 | 70 | Zet Pup | 2.2460 | 39000. | 46 | 3657 | Yes |
| 172 | GOM_NL__2PRFIN20021111_132519_000000432011_00096_03657_9613.N1 | 11-NOV-2002 13:25:19 | Dark | 42.500 | 132 | 15Rho Pup | 2.8030 | 6900.0 | 85 | 3657 | Yes |
| 173 | GOM_NL__2PRFIN20021111_132727_000000232011_00096_03657_9614.N1 | 11-NOV-2002 13:27:27 | Dark | 23.000 | 2 | Alp Car | -0.73600 | 7000.0 | 46 | 3657 | Yes |
| 174 | GOM_NL__2PRFIN20021111_132857_000000332011_00096_03657_9615.N1 | 11-NOV-2002 13:28:57 | Dark | 32.500 | 88 | 31Eta CMa | 2.4480 | 20000. | 65 | 3657 | Yes |
| 175 | GOM_NL__2PRFIN20021111_133133_000000142011_00096_03657_9616.N1 | 11-NOV-2002 13:31:33 | Dark | 14.000 | 143 | Alp Hyi | 2.8570 | 7200.0 | 28 | 3657 | Yes |
| 176 | GOM_NL__2PRFIN20021111_133254_000000252011_00096_03657_9617.N1 | 11-NOV-2002 13:32:54 | Dark | 24.500 | 9 | Alp Eri | 0.45300 | 24000. | 49 | 3657 | Yes |
| 177 | GOM_NL__2PRFIN20021111_133416_000000242011_00096_03657_9618.N1 | 11-NOV-2002 13:34:16 | Dark | 24.000 | 108 | Alp Col | 2.6520 | 15200. | 48 | 3657 | Yes |
| 178 | GOM_NL__2PRFIN20021111_133635_000000172011_00096_03657_9619.N1 | 11-NOV-2002 13:36:35 | Dark | 17.000 | 157 | The1Eri | 2.9060 | 9300.0 | 34 | 3657 | Yes |
| 179 | GOM_NL__2PRFIN20021111_134028_000000332011_00096_03657_9620.N1 | 11-NOV-2002 13:40:28 | Dark | 33.000 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 66 | 3657 | Yes |
| 180 | GOM_NL__2PRFIN20021111_134203_000000402011_00096_03657_9621.N1 | 11-NOV-2002 13:42:03 | Dark | 39.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 79 | 3657 | Yes |
| 181 | GOM_NL__2PRFIN20021111_145703_000000262011_00097_03658_9608.N1 | 11-NOV-2002 14:57:03 | Dark | 26.000 | 12 | Alp1Cru | 0.77500 | 30000. | 52 | 3658 | Yes |
| 182 | GOM_NL__2PRFIN20021111_145855_000000172011_00097_03658_9609.N1 | 11-NOV-2002 14:58:55 | Dark | 16.500 | 124 | The Car | 2.7640 | 30000. | 33 | 3658 | Yes |
| 183 | GOM_NL__2PRFIN20021111_150031_000000202011_00097_03658_9610.N1 | 11-NOV-2002 15:00:31 | Dark | 19.500 | 71 | lot Car | 2.2460 | 7700.0 | 39 | 3658 | Yes |
| 184 | GOM_NL__2PRFIN20021111_150234_000000212011_00097_03658_9611.N1 | 11-NOV-2002 15:02:34 | Dark | 21.000 | 41 | Eps Car | 1.8600 | 4100.0 | 42 | 3658 | Yes |
| 185 | GOM_NL__2PRFIN20021111_150355_000000242011_00097_03658_9612.N1 | 11-NOV-2002 15:03:55 | Dark | 24.000 | 70 | Zet Pup | 2.2460 | 39000. | 48 | 3658 | Yes |
| 186 | GOM_NL__2PRFIN20021111_150557_000000412011_00097_03658_9613.N1 | 11-NOV-2002 15:05:57 | Dark | 40.500 | 132 | 15Rho Pup | 2.8030 | 6900.0 | 81 | 3658 | Yes |
| 187 | GOM_NL__2PRFIN20021111_150803_000000252011_00097_03658_9614.N1 | 11-NOV-2002 15:08:03 | Dark | 24.500 | 2 | Alp Car | -0.73600 | 7000.0 | 49 | 3658 | Yes |
| 188 | GOM_NL__2PRFIN20021111_150934_000000362011_00097_03658_9615.N1 | 11-NOV-2002 15:09:34 | Dark | 36.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 72 | 3658 | Yes |
| 189 | GOM_NL__2PRFIN20021111_151208_000000152011_00097_03658_9616.N1 | 11-NOV-2002 15:12:08 | Dark | 14.500 | 143 | Alp Hyi | 2.8570 | 7200.0 | 29 | 3658 | Yes |
| 190 | GOM_NL__2PRFIN20021111_151329_000000212011_00097_03658_9617.N1 | 11-NOV-2002 15:13:29 | Dark | 20.500 | 9 | Alp Eri | 0.45300 | 24000. | 41 | 3658 | Yes |
| 191 | GOM_NL__2PRFIN20021111_151452_000000252011_00097_03658_9618.N1 | 11-NOV-2002 15:14:52 | Dark | 25.000 | 108 | Alp Col | 2.6520 | 15200. | 50 | 3658 | Yes |
| 192 | GOM_NL__2PRFIN20021111_151711_000000182011_00097_03658_9619.N1 | 11-NOV-2002 15:17:11 | Dark | 17.500 | 157 | The1Eri | 2.9060 | 9300.0 | 35 | 3658 | Yes |
| 193 | GOM_NL__2PRFIN20021111_152104_000000282011_00097_03658_9620.N1 | 11-NOV-2002 15:21:04 | Dark | 28.000 | 139 | 9Bet Lep | 2.8330 | 5600.0 | 56 | 3658 | Yes |
| 194 | GOM_NL__2PRFIN20021111_163739_000000202011_00098_03659_9608.N1 | 11-NOV-2002 16:37:39 | Dark | 20.000 | 12 | Alp1Cru | 0.77500 | 30000. | 40 | 3659 | Yes |
| 195 | GOM_NL__2PRFIN20021111_163931_000000172011_00098_03659_9609.N1 | 11-NOV-2002 16:39:31 | Dark | 16.500 | 124 | The Car | 2.7640 | 30000. | 33 | 3659 | Yes |
| 196 | GOM_NL__2PRFIN20021111_164108_000000192011_00098_03659_9610.N1 | 11-NOV-2002 16:41:08 | Dark | 18.500 | 71 | lot Car | 2.2460 | 7700.0 | 37 | 3659 | Yes |
| 197 | GOM_NL__2PRFIN20021111_164310_000000192011_00098_03659_9611.N1 | 11-NOV-2002 16:43:10 | Dark | 19.000 | 41 | Eps Car | 1.8600 | 4100.0 | 38 | 3659 | Yes |
| 198 | GOM_NL__2PRFIN20021111_164433_000000252011_00098_03659_9612.N1 | 11-NOV-2002 16:44:33 | Dark | 24.500 | 70 | Zet Pup | 2.2460 | 39000. | 49 | 3659 | Yes |
| 199 | GOM_NL__2PRFIN20021111_164636_000000382011_00098_03659_9613.N1 | 11-NOV-2002 16:46:36 | Dark | 37.500 | 132 | 15Rho Pup | 2.8030 | 6900.0 | 75 | 3659 | Yes |
| 200 | GOM_NL__2PRFIN20021111_164840_000000222011_00098_03659_9614.N1 | 11-NOV-2002 16:48:40 | Dark | 22.000 | 2 | Alp Car | -0.73600 | 7000.0 | 44 | 3659 | Yes |
| 201 | GOM_NL__2PRFIN20021111_165012_000000352011_00098_03659_9615.N1 | 11-NOV-2002 16:50:12 | Dark | 35.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 70 | 3659 | Yes |
| 202 | GOM_NL__2PRFIN20021111_165245_000000162011_00098_03659_9616.N1 | 11-NOV-2002 16:52:45 | Dark | 15.500 | 143 | Alp Hyi | 2.8570 | 7200.0 | 31 | 3659 | Yes |
| 203 | GOM_NL__2PRFIN20021111_165405_000000232011_00098_03659_9617.N1 | 11-NOV-2002 16:54:05 | Dark | 23.000 | 9 | Alp Eri | 0.45300 | 24000. | 46 | 3659 | Yes |
| 204 | GOM_NL__2PRFIN20021111_165528_000000282011_00098_03659_9618.N1 | 11-NOV-2002 16:55:28 | Dark | 28.000 | 108 | Alp Col | 2.6520 | 15200. | 56 | 3659 | Yes |
| 205 | GOM_NL__2PRFIN20021111_165747_000000182011_00098_03659_9619.N1 | 11-NOV-2002 16:57:47 | Dark | 17.500 | 157 | The1Eri | 2.9060 | 9300.0 | 35 | 3659 | Yes |
| 206 | GOM_NL__2PRFIN20021111_181815_000000202011_00099_03660_9608.N1 | 11-NOV-2002 18:18:15 | Dark | 20.000 | 12 | Alp1Cru | 0.77500 | 30000. | 40 | 3660 | Yes |
| 207 | GOM_NL__2PRFIN20021111_182007_000000612011_00099_03660_9609.N1 | 11-NOV-2002 18:20:07 | Dark | 61.000 | 65 | Lam Vel | 2.2040 | 4400.0 | 122 | 3660 | No |
| 208 | GOM_NL__2PRFIN20021111_182428_000000642011_00099_03660_9610.N1 | 11-NOV-2002 18:24:28 | Dark | 64.000 | 70 | Zet Pup | 2.2460 | 39000. | 128 | 3660 | No |
| 209 | GOM_NL__2PRFIN20021111_182842_000000692011_00099_03660_9611.N1 | 11-NOV-2002 18:28:42 | Dark | 69.000 | 2 | Alp Car | -0.73600 | 7000.0 | 138 | 3660 | No |
| 210 | GOM_NL__2PRFIN20021111_183221_000001032011_00099_03660_9612.N1 | 11-NOV-2002 18:32:21 | Dark | 103.00 | 23 | 21Eps CMa | 1.5020 | 26000. | 206 | 3660 | No |
| 211 | GOM_NL__2PRFIN20021111_183523_000000702011_00099_03660_9613.N1 | 11-NOV-2002 18:35:23 | Dark | 69.500 | 108 | Alp Col | 2.6520 | 15200. | 139 | 3660 | No |
| 212 | GOM_NL__2PRFIN20021111_183754_000000482011_00099_03660_9614.N1 | 11-NOV-2002 18:37:54 | Straylight | 48.000 | 157 | The1Eri | 2.9060 | 9300.0 | 96 | 3660 | No |
| 213 | GOM_NL__2PRFIN20021111_214120_000000602011_00101_03662_9609.N1 | 11-NOV-2002 21:41:20 | Dark | 60.000 | 65 | Lam Vel | 2.2040 | 4400.0 | 120 | 3662 | No |
| 214 | GOM_NL__2PRFIN20021111_214543_000000642011_00101_03662_9610.N1 | 11-NOV-2002 21:45:43 | Dark | 64.000 | 70 | Zet Pup | 2.2460 | 39000. | 128 | 3662 | No |
| 215 | GOM_NL__2PRFIN20021111_214955_000000642011_00101_03662_9611.N1 | 11-NOV-2002 21:49:55 | Dark | 63.500 | 2 | Alp Car | -0.73600 | 7000.0 | 127 | 3662 | No |
| 216 | GOM_NL__2PRFIN20021111_215336_000001072011_00101_03662_9612.N1 | 11-NOV-2002 21:53:36 | Dark | 107.00 | 23 | 21Eps CMa | 1.5020 | 26000. | 214 | 3662 | No |
| 217 | GOM_NL__2PRFIN20021111_215636_000000662011_00101_03662_9613.N1 | 11-NOV-2002 21:56:36 | Dark | 65.500 | 108 | Alp Col | 2.6520 | 15200. | 131 | 3662 | No |
| 218 | GOM_NL__2PRFIN20021111_215906_000000492011_00101_03662_1476.N1 | 11-NOV-2002 21:59:06 | Straylight | 48.500 | 157 | The1Eri | 2.9060 | 9300.0 | 97 | 3662 | No |
| 219 | GOM_NL__2PRFIN20021111_220258_000001612011_00101_03662_1477.N1 | 11-NOV-2002 22:02:58 | Straylight | 160.50 | 47 | 2Bet CMa | 1.9760 | 28000. | 321 | 3662 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|------|-----------|----------|--------|-----|------|-----|
| 220 | GOM_NL__2PRFIN20021111_220933_000001282011_00101_03662_1478.N1 | 11-NOV-2002 22:09:33 | Twilight_stray | 127.50 | 7 | 19Bet Ori | 0.10000 | 14000. | 255 | 3662 | No |
| 221 | GOM_NL__2PRFIN20021111_221209_000001442011_00101_03662_1479.N1 | 11-NOV-2002 22:12:09 | Bright | 144.00 | 125 | 44Iot Ori | 2.7700 | 30000. | 288 | 3662 | No |
| 222 | GOM_NL__2PRFIN20021111_221701_000000442011_00101_03662_1480.N1 | 11-NOV-2002 22:17:01 | Bright | 44.000 | 105 | 6Bet Ari | 2.6450 | 8900.0 | 88 | 3662 | No |
| 223 | GOM_NL__2PRFIN20021111_222107_000000442011_00101_03662_1481.N1 | 11-NOV-2002 22:21:07 | Bright | 43.500 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 87 | 3662 | No |
| 224 | GOM_NL__2PRFIN20021111_222311_000000472011_00101_03662_1482.N1 | 11-NOV-2002 22:23:11 | Bright | 47.000 | 73 | 57Gam1And | 2.2600 | 13100. | 94 | 3662 | No |
| 225 | GOM_NL__2PRFIN20021111_222503_000000562011_00101_03662_1483.N1 | 11-NOV-2002 22:25:03 | Bright | 55.500 | 149 | 45Eps Per | 2.8880 | 30000. | 111 | 3662 | No |
| 226 | GOM_NL__2PRFIN20021111_222719_000000442011_00101_03662_1484.N1 | 11-NOV-2002 22:27:19 | Bright | 44.000 | 68 | 18Alp Cas | 2.2250 | 4500.0 | 88 | 3662 | No |
| 227 | GOM_NL__2PRFIN20021111_223054_000000942011_00101_03662_1485.N1 | 11-NOV-2002 22:30:54 | Bright | 94.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 188 | 3662 | No |
| 228 | GOM_NL__2PRFIN20021111_223621_000000452011_00101_03662_1486.N1 | 11-NOV-2002 22:36:21 | Bright | 45.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 90 | 3662 | No |
| 229 | GOM_NL__2PRFIN20021111_224036_000000442011_00101_03662_1487.N1 | 11-NOV-2002 22:40:36 | Bright | 44.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 88 | 3662 | No |
| 230 | GOM_NL__2PRFIN20021111_224410_000000512011_00101_03662_1488.N1 | 11-NOV-2002 22:44:10 | Bright | 50.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 101 | 3662 | No |
| 231 | GOM_NL__2PRFIN20021111_224548_000000512011_00101_03662_1489.N1 | 11-NOV-2002 22:45:48 | Bright | 51.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 102 | 3662 | No |
| 232 | GOM_NL__2PRFIN20021111_224751_000000452011_00101_03662_1490.N1 | 11-NOV-2002 22:47:51 | Bright | 45.000 | 39 | 85Eta UMa | 1.8540 | 24000. | 90 | 3662 | No |
| 233 | GOM_NL__2PRFIN20021111_224945_000000522011_00101_03662_1491.N1 | 11-NOV-2002 22:49:45 | Bright | 52.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 104 | 3662 | No |
| 234 | GOM_NL__2PRFIN20021111_225908_000000942011_00101_03662_1492.N1 | 11-NOV-2002 22:59:08 | Bright | 94.000 | 166 | 17Eps Leo | 2.9800 | 6000.0 | 188 | 3662 | No |
| 235 | GOM_NL__2PRFIN20021111_230338_000000922011_00101_03662_1493.N1 | 11-NOV-2002 23:03:38 | Twilight_stray | 91.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 183 | 3662 | No |
| 236 | GOM_NL__2PRFIN20021111_230609_000002262011_00101_03662_1494.N1 | 11-NOV-2002 23:06:09 | Dark | 225.50 | 1015 | Jupiter | 0.0000 | 0.0000 | 451 | 3662 | Yes |
| 237 | GOM_NL__2PRFIN20021111_231540_000000482011_00101_03662_1495.N1 | 11-NOV-2002 23:15:40 | Dark | 48.000 | 64 | Gam Cen | 2.2000 | 10600. | 96 | 3662 | No |
| 238 | GOM_NL__2PRFIN20021111_231757_000000572011_00101_03662_1496.N1 | 11-NOV-2002 23:17:57 | Dark | 57.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 114 | 3662 | No |
| 239 | GOM_NL__2PRFIN20021111_231936_000000482011_00101_03662_1497.N1 | 11-NOV-2002 23:19:36 | Dark | 47.500 | 12 | Alp1Cru | 0.77500 | 30000. | 95 | 3662 | No |
| 240 | GOM_NL__2PRFIN20021111_232158_000000602011_00102_03663_1471.N1 | 11-NOV-2002 23:21:58 | Dark | 60.000 | 65 | Lam Vel | 2.2040 | 4400.0 | 120 | 3663 | No |
| 241 | GOM_NL__2PRFIN20021111_232620_000000662011_00102_03663_1472.N1 | 11-NOV-2002 23:26:20 | Dark | 66.000 | 70 | Zet Pup | 2.2460 | 39000. | 132 | 3663 | No |
| 242 | GOM_NL__2PRFIN20021111_233033_000000602011_00102_03663_1473.N1 | 11-NOV-2002 23:30:33 | Dark | 60.000 | 2 | Alp Car | -0.73600 | 7000.0 | 120 | 3663 | No |
| 243 | GOM_NL__2PRFIN20021111_233413_000000992011_00102_03663_1474.N1 | 11-NOV-2002 23:34:13 | Dark | 98.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 197 | 3663 | No |
| 244 | GOM_NL__2PRFIN20021111_233713_000000682011_00102_03663_1475.N1 | 11-NOV-2002 23:37:13 | Dark | 68.000 | 108 | Alp Col | 2.6520 | 15200. | 136 | 3663 | No |
| 245 | GOM_NL__2PRFIN20021111_233942_000000492011_00102_03663_1476.N1 | 11-NOV-2002 23:39:42 | Straylight | 49.000 | 157 | The1Eri | 2.9060 | 9300.0 | 98 | 3663 | No |
| 246 | GOM_NL__2PRFIN20021111_234335_000001582011_00102_03663_1477.N1 | 11-NOV-2002 23:43:35 | Straylight | 158.00 | 47 | 2Bet CMa | 1.9760 | 28000. | 316 | 3663 | No |
| 247 | GOM_NL__2PRFIN20021111_235008_000001182011_00102_03663_1478.N1 | 11-NOV-2002 23:50:08 | Twilight_stray | 118.00 | 7 | 19Bet Ori | 0.10000 | 14000. | 236 | 3663 | No |
| 248 | GOM_NL__2PRFIN20021111_235244_000001532011_00102_03663_1479.N1 | 11-NOV-2002 23:52:44 | Bright | 152.50 | 125 | 44Iot Ori | 2.7700 | 30000. | 305 | 3663 | No |
| 249 | GOM_NL__2PRFIN20021111_235737_000000442011_00102_03663_1480.N1 | 11-NOV-2002 23:57:37 | Bright | 43.500 | 105 | 6Bet Ari | 2.6450 | 8900.0 | 87 | 3663 | No |

3. Quality information per product

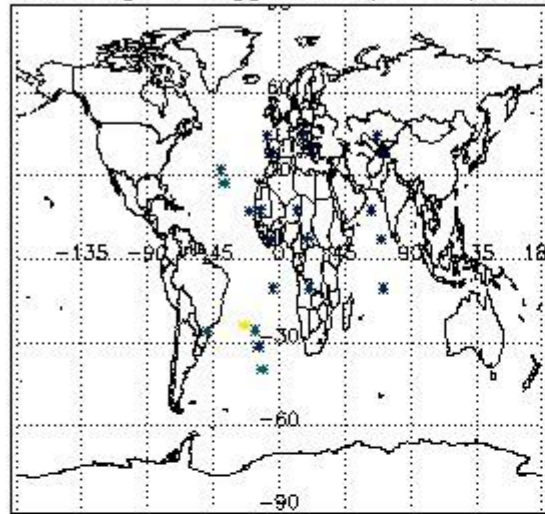
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

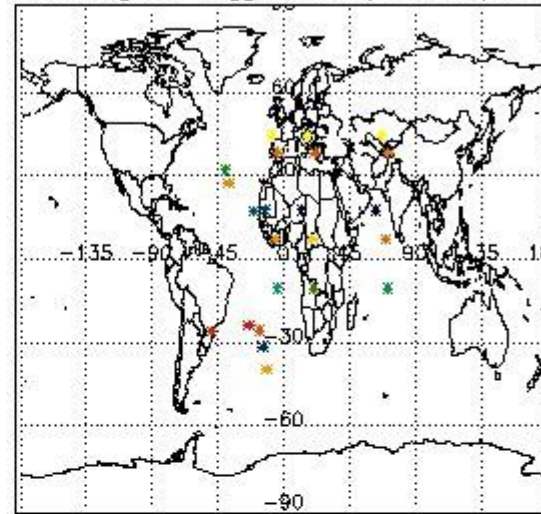


3.2 Plot quality information per product (world map)

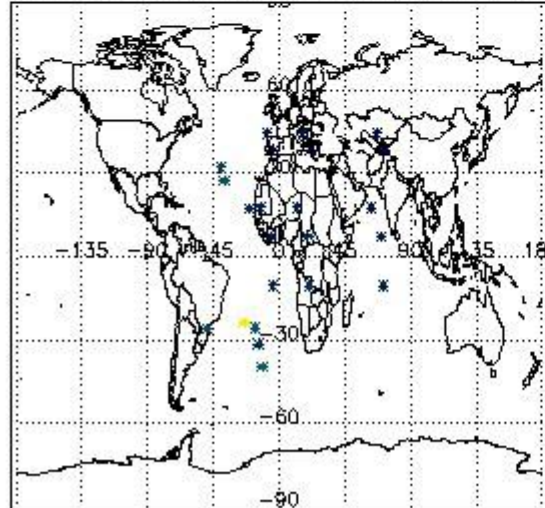
Percentage of flagged data per O3 profile



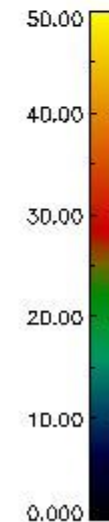
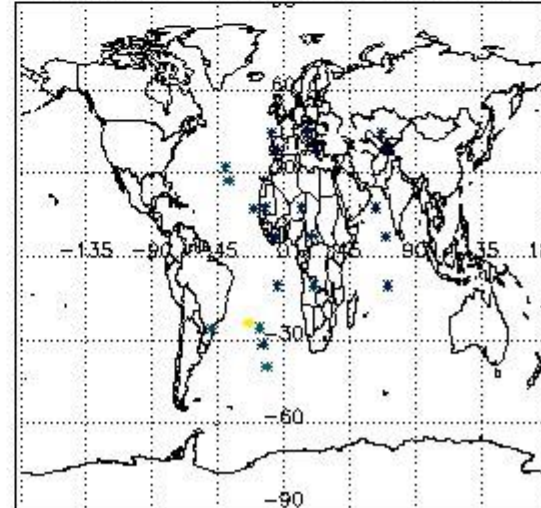
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

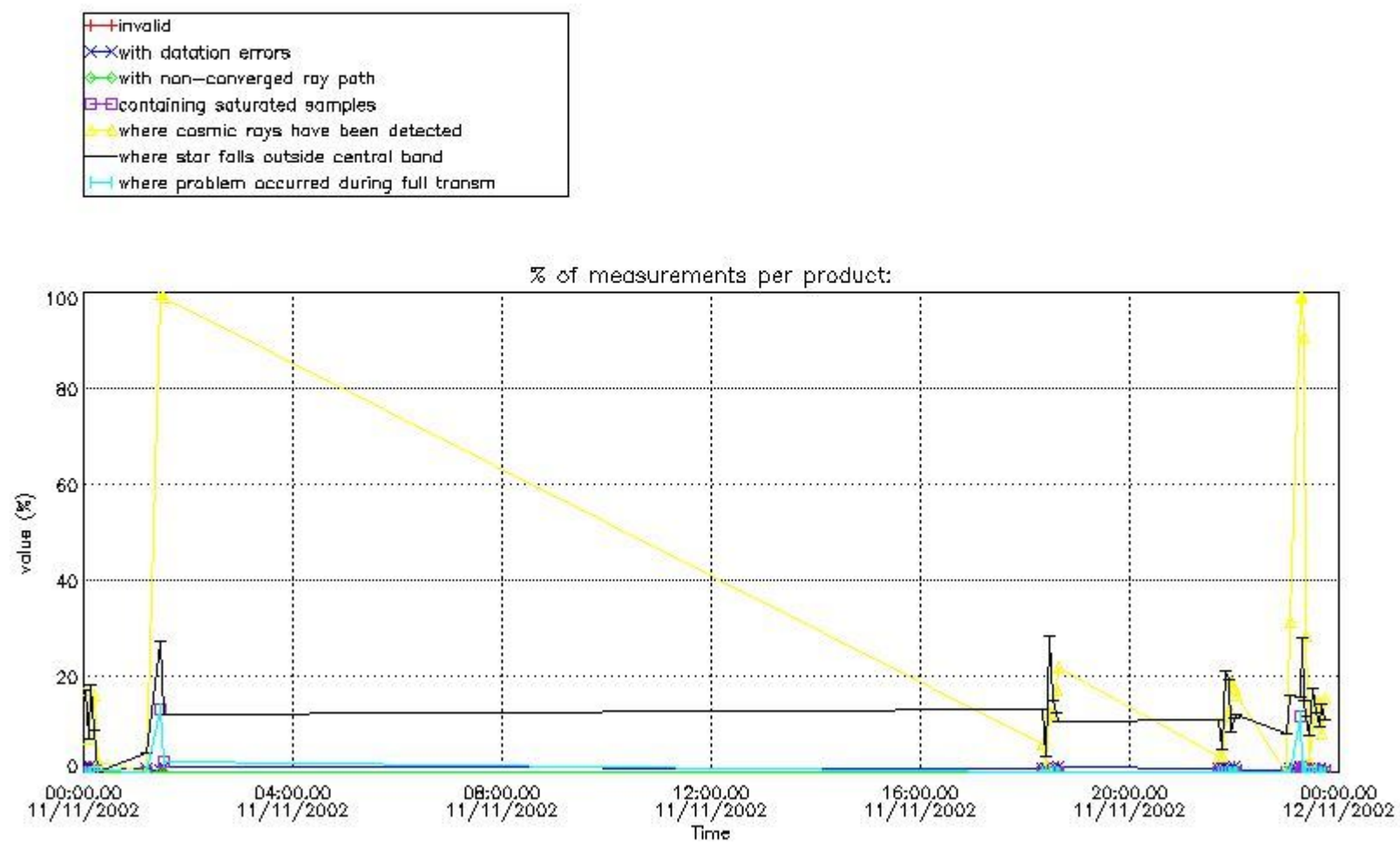


4. Level 1 quality information per product

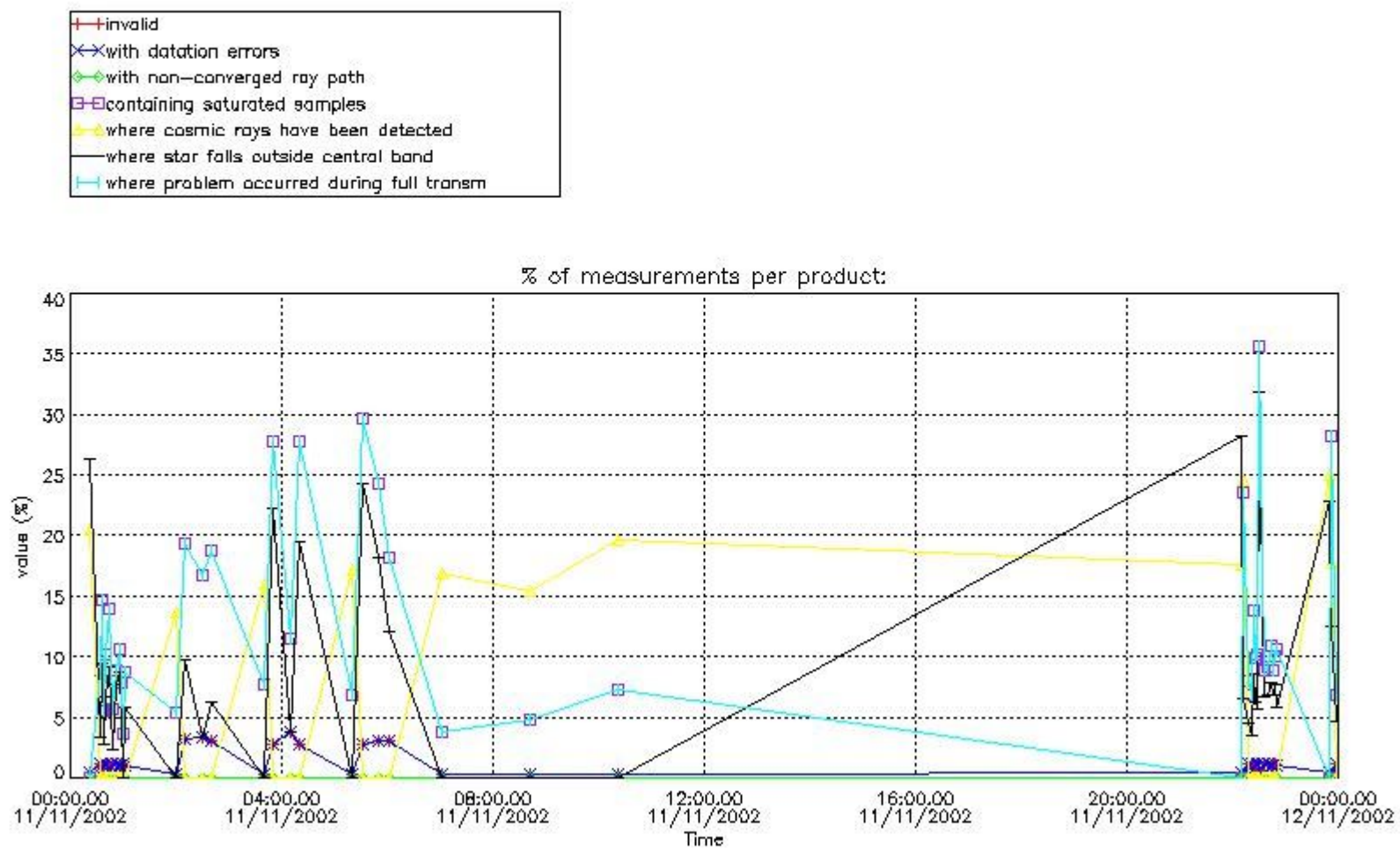
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



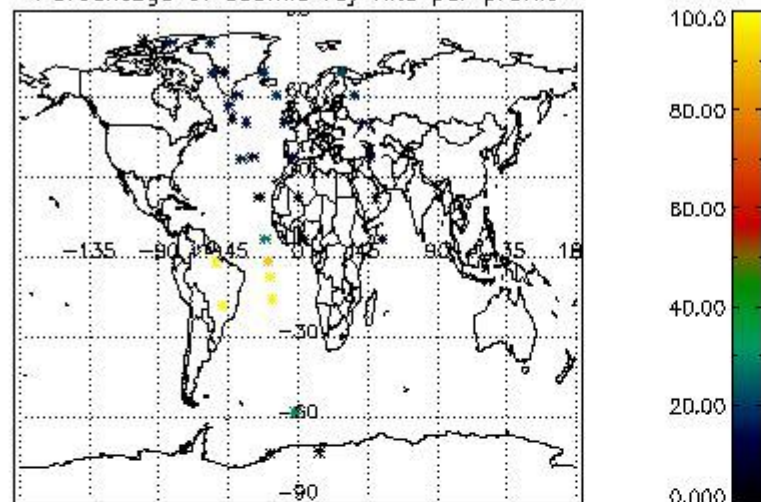
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



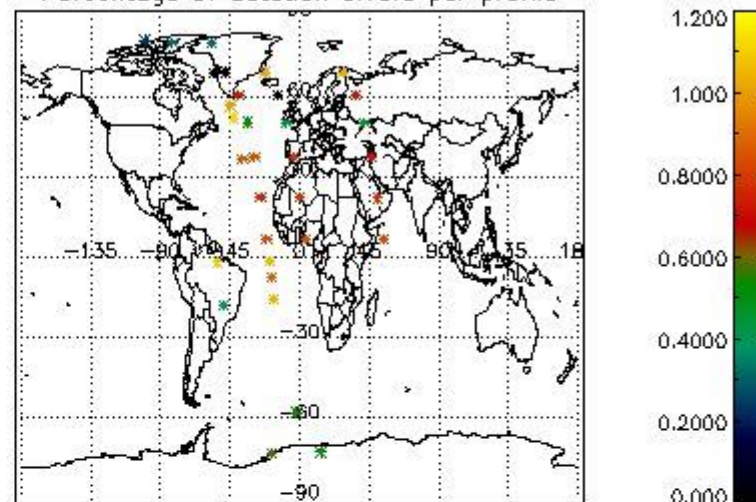
4.2 Plot quality information per product coming from level 1b processing (world map)

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

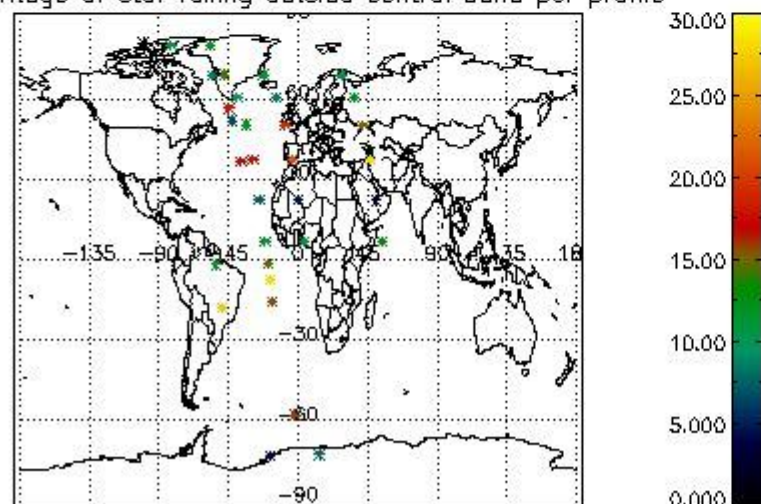
Percentage of cosmic ray hits per profile



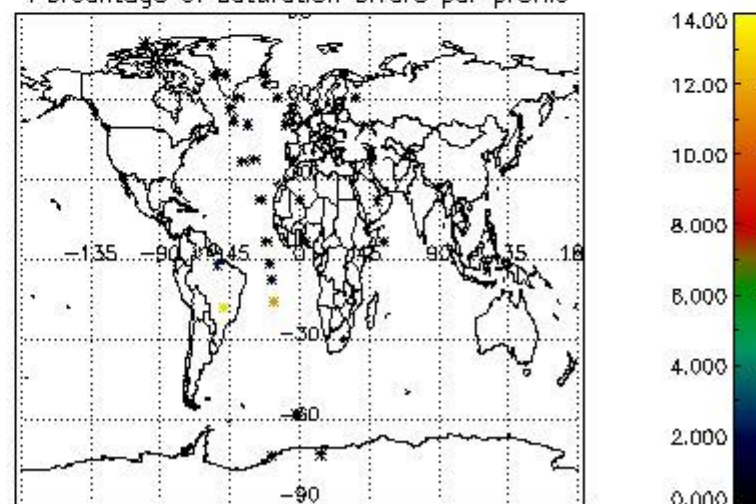
Percentage of datation errors per profile



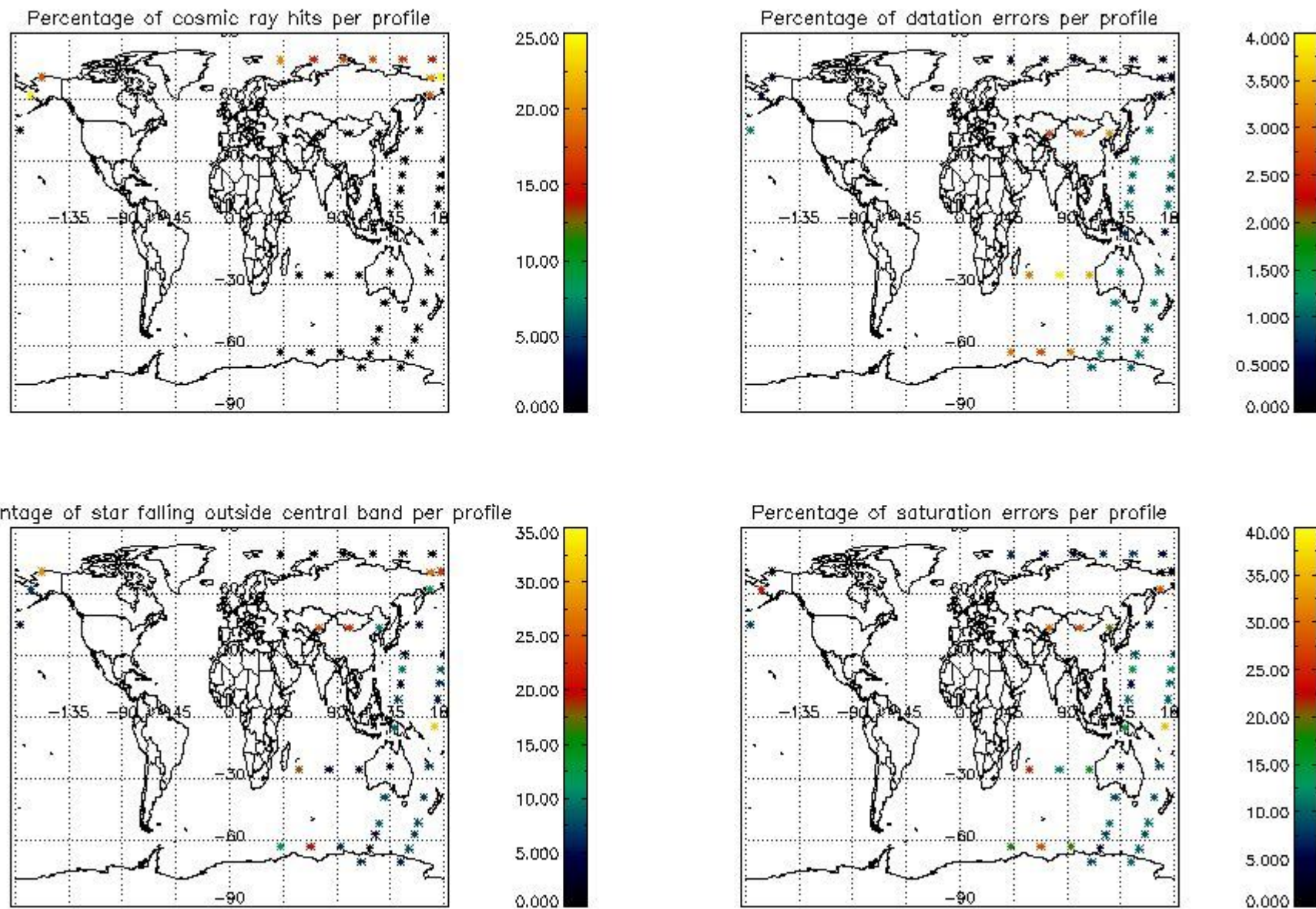
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

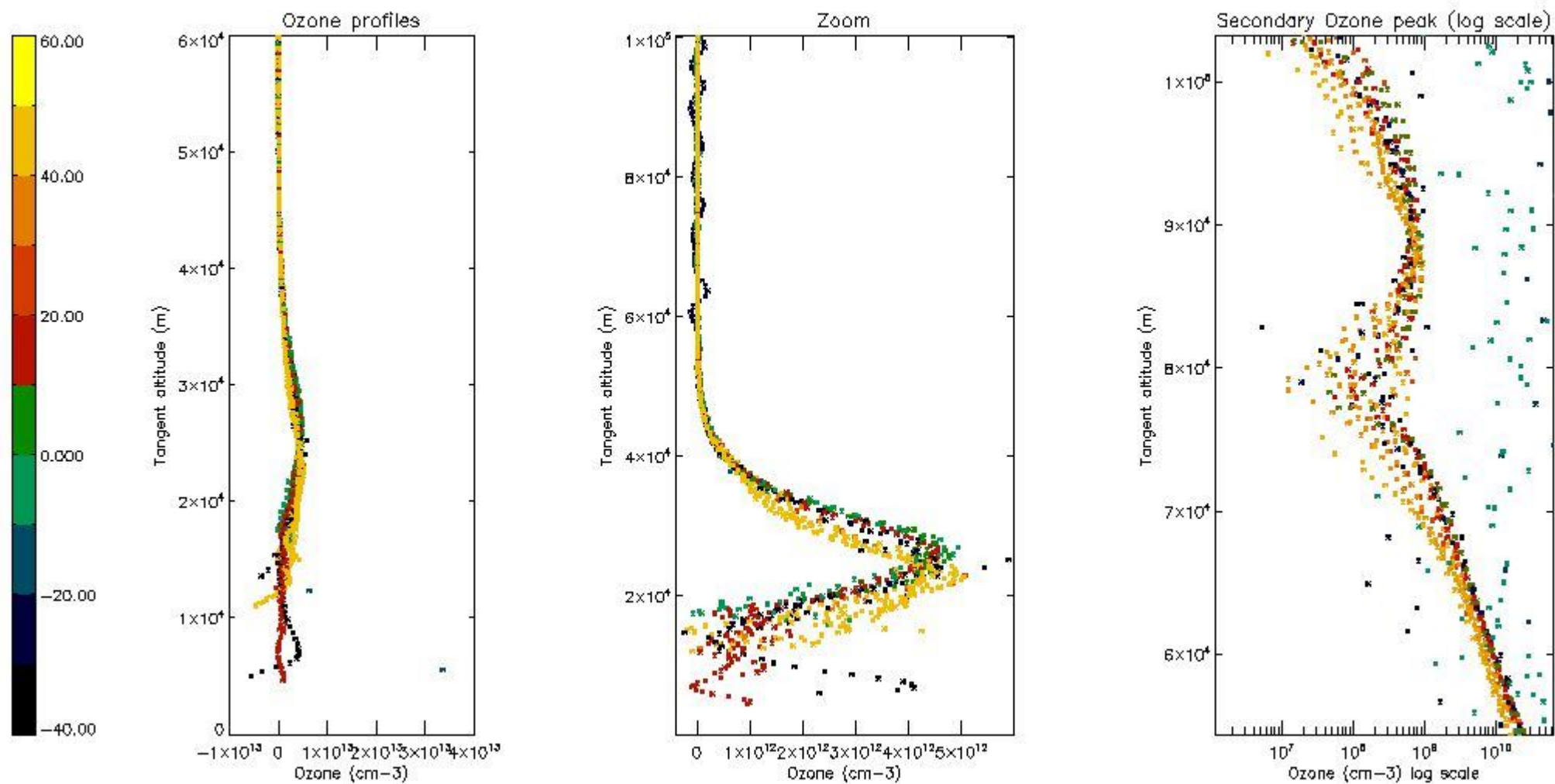
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 32 |
| STD < 20 | 18 |

| | |
|----------|----|
| STD < 10 | 16 |
| STD < 5 | 13 |

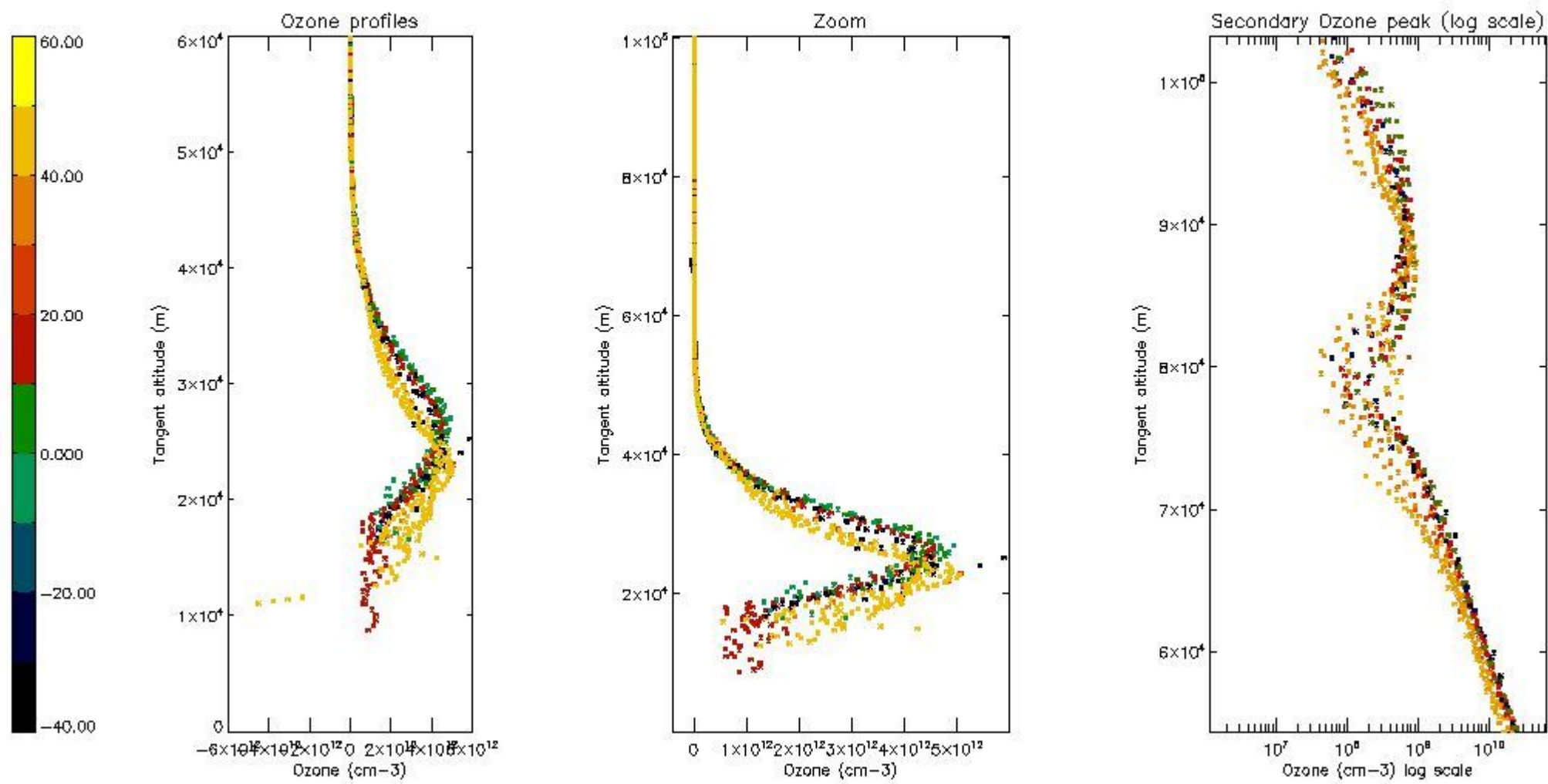
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



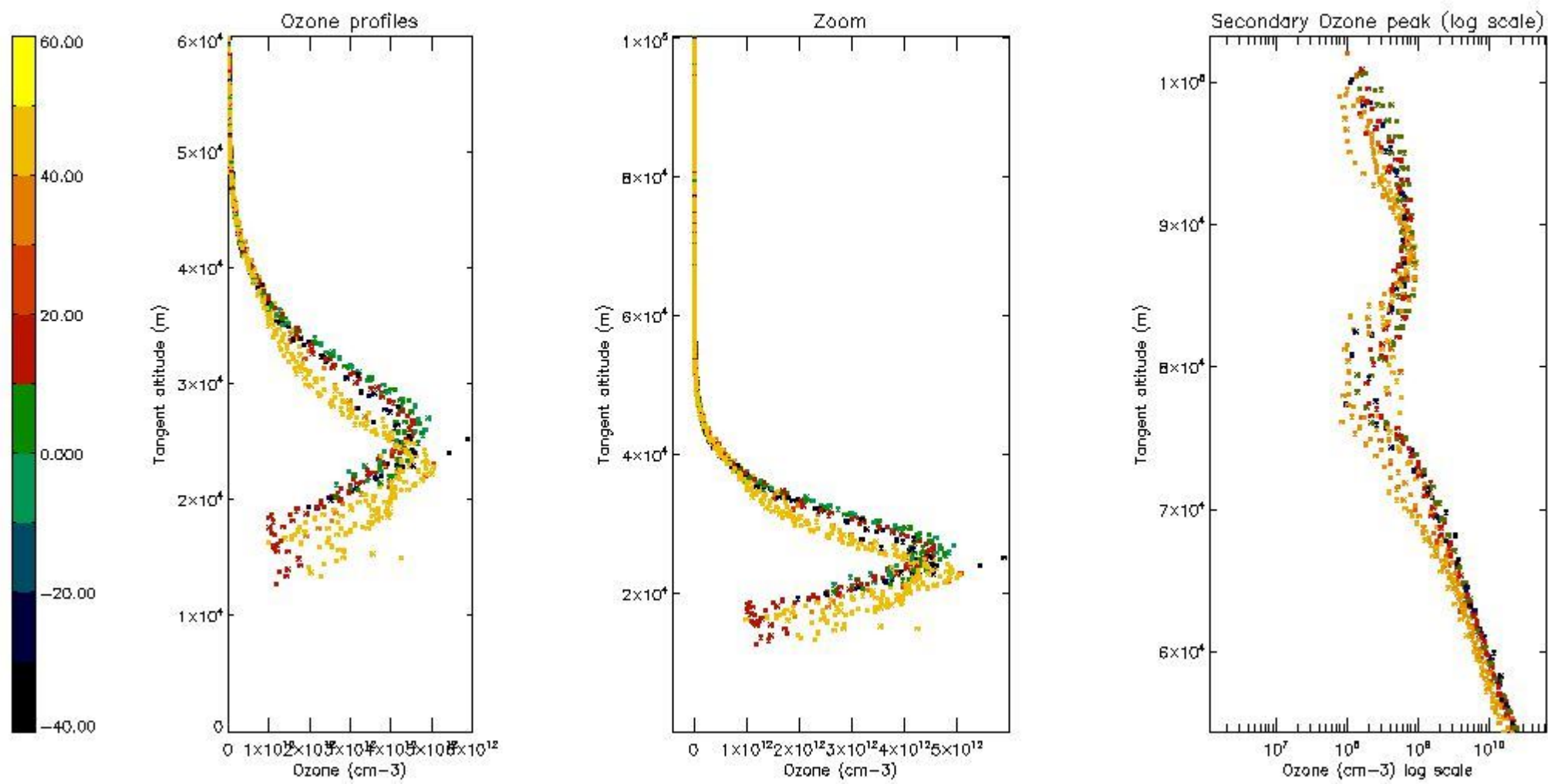
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



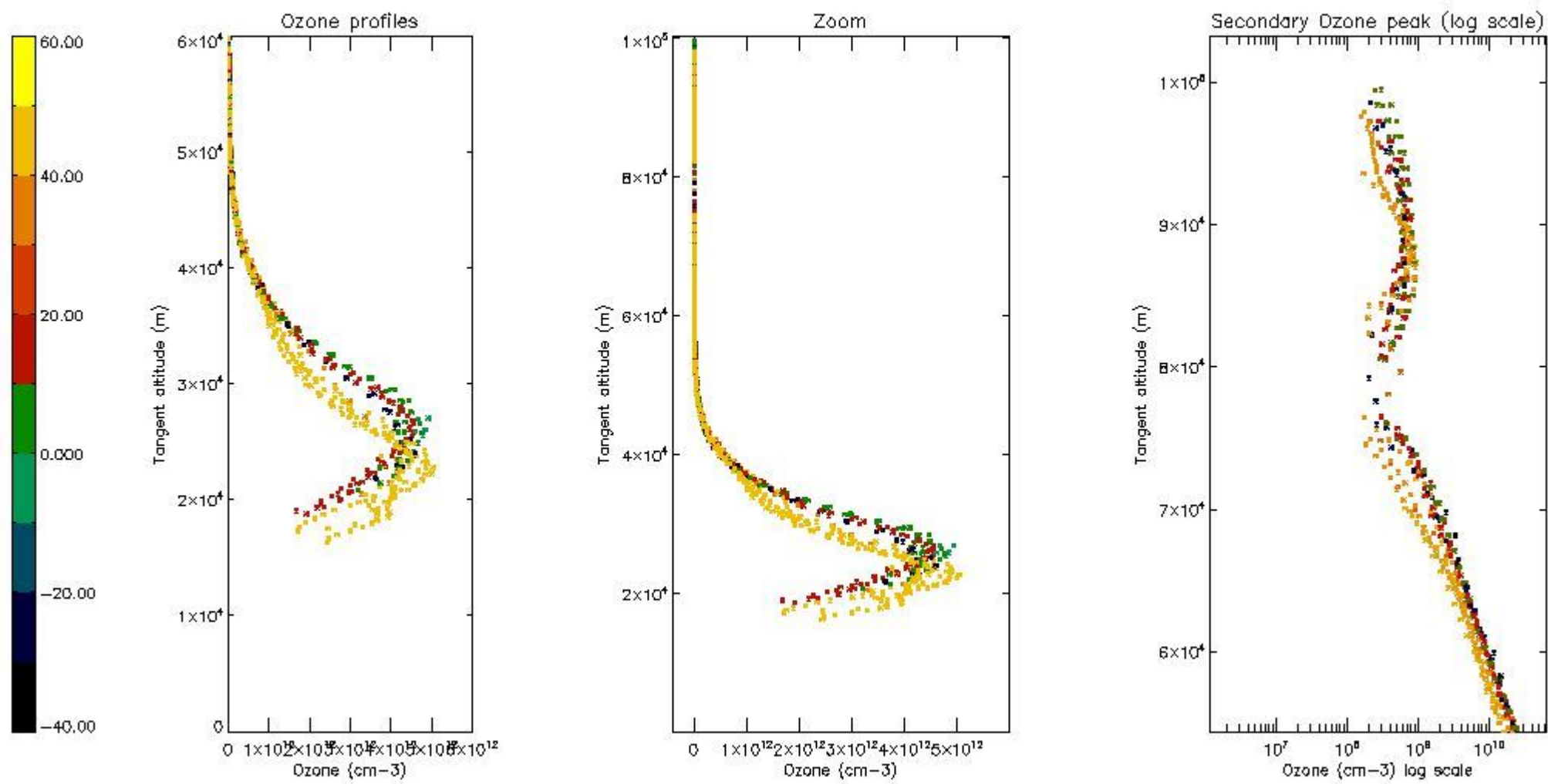
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



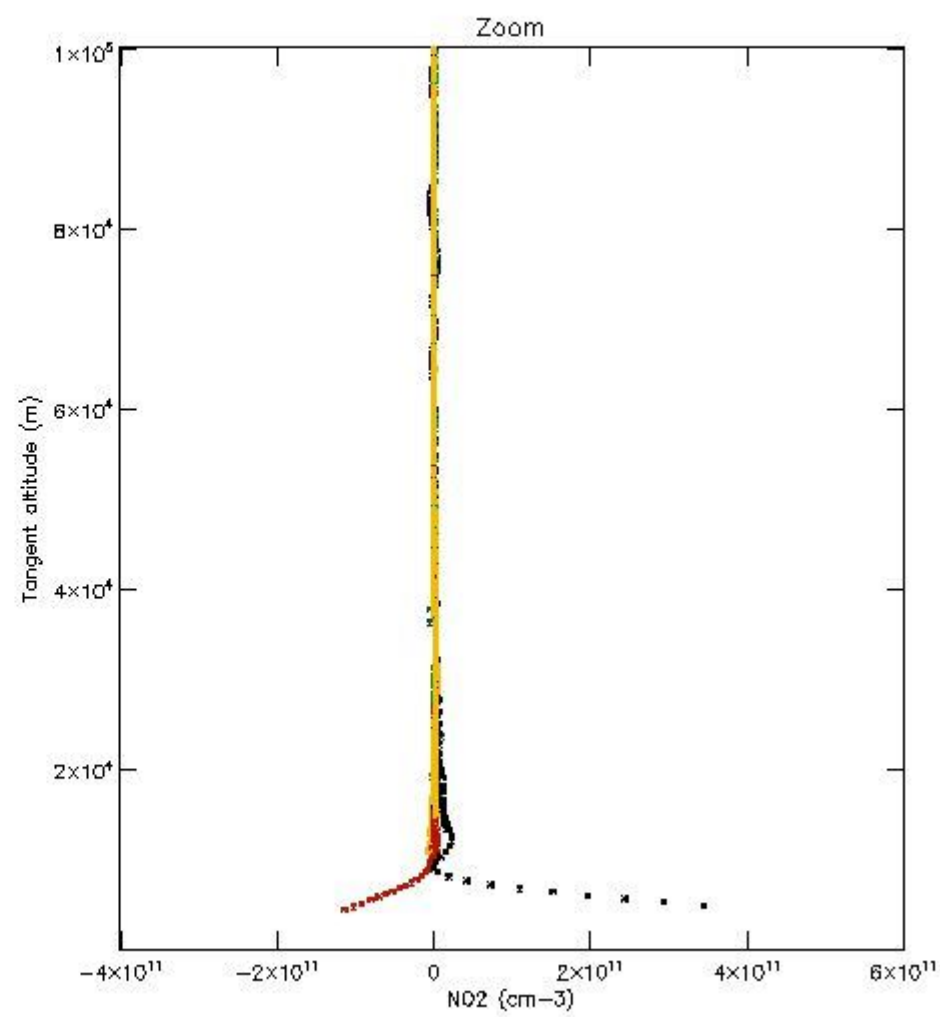
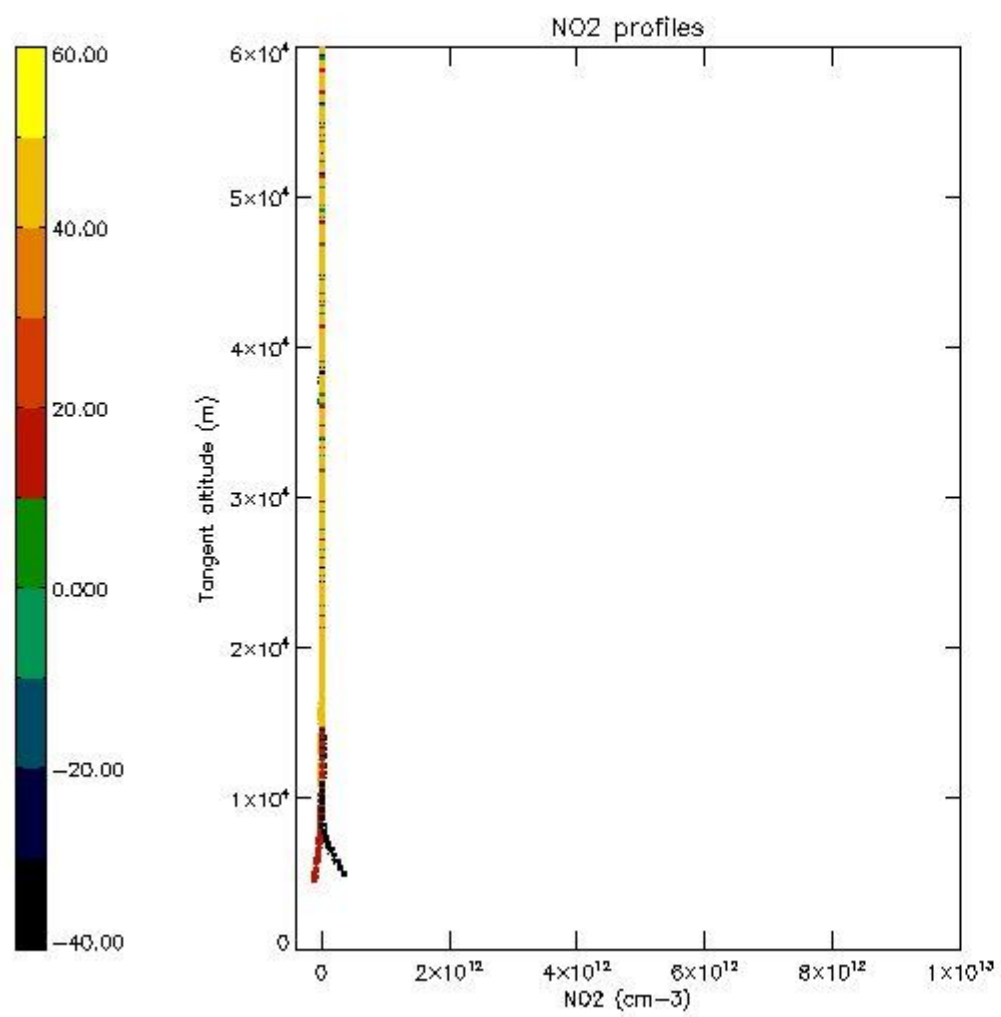
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



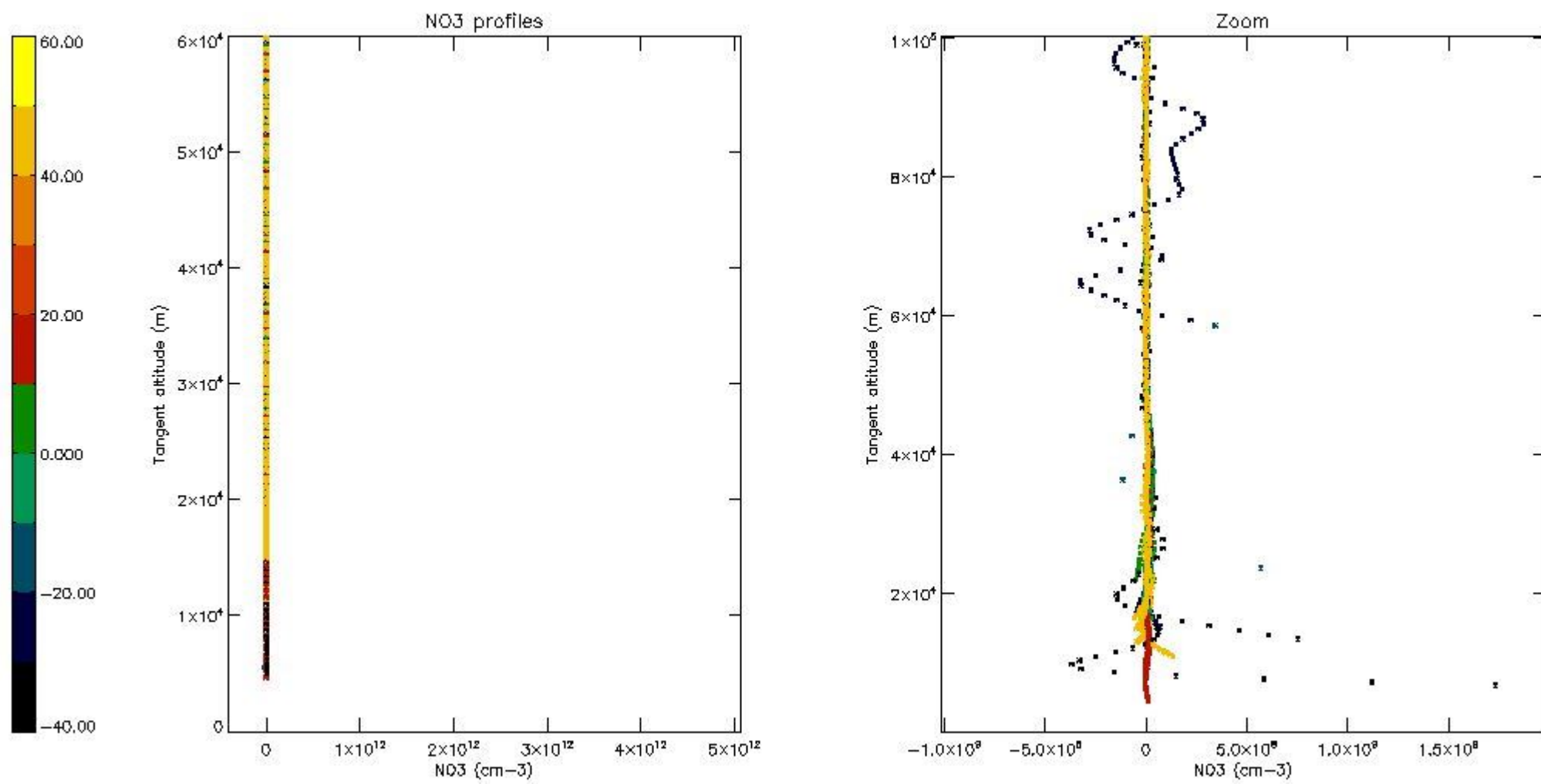
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



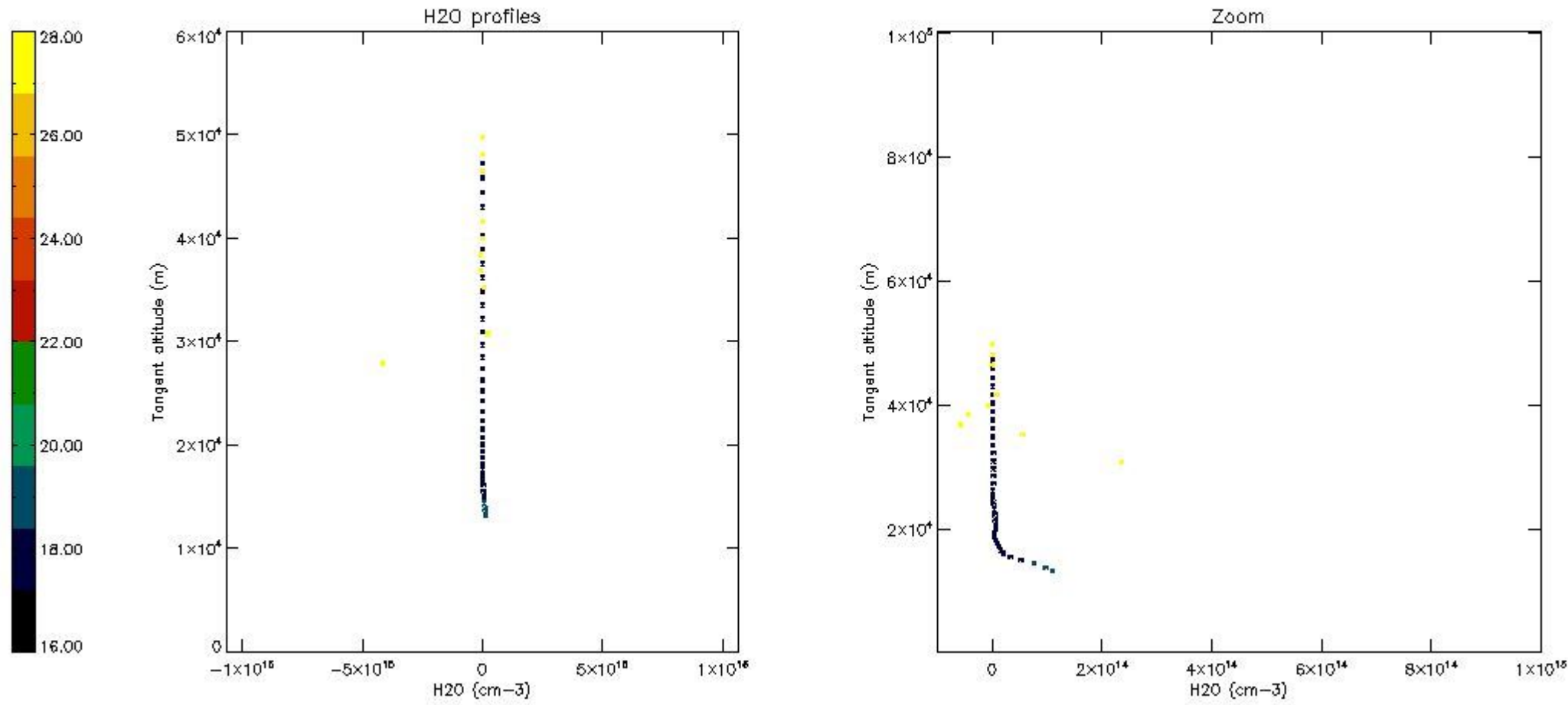
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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)

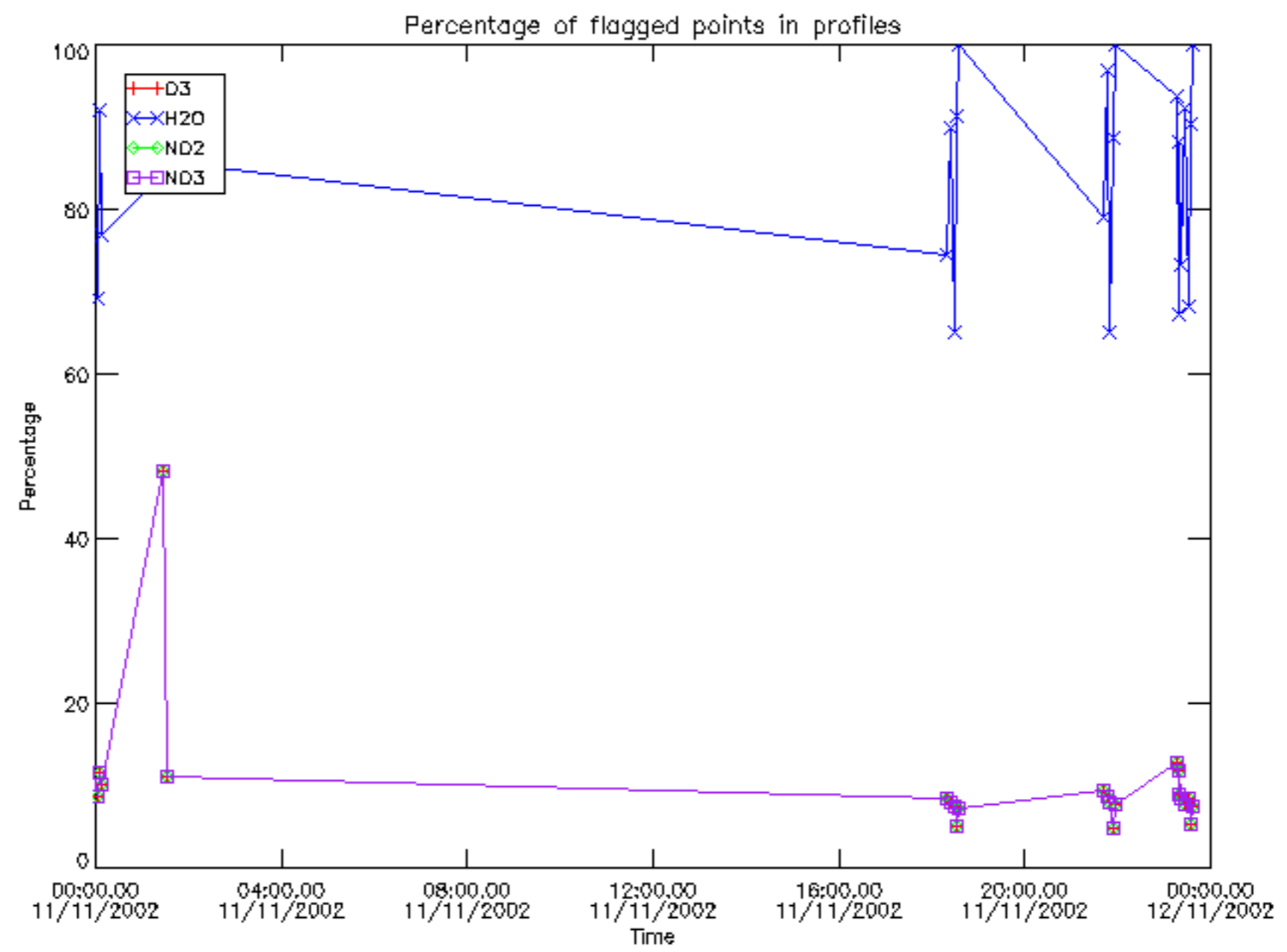
The colorbar represents the latitude.



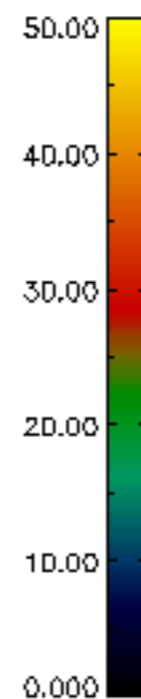
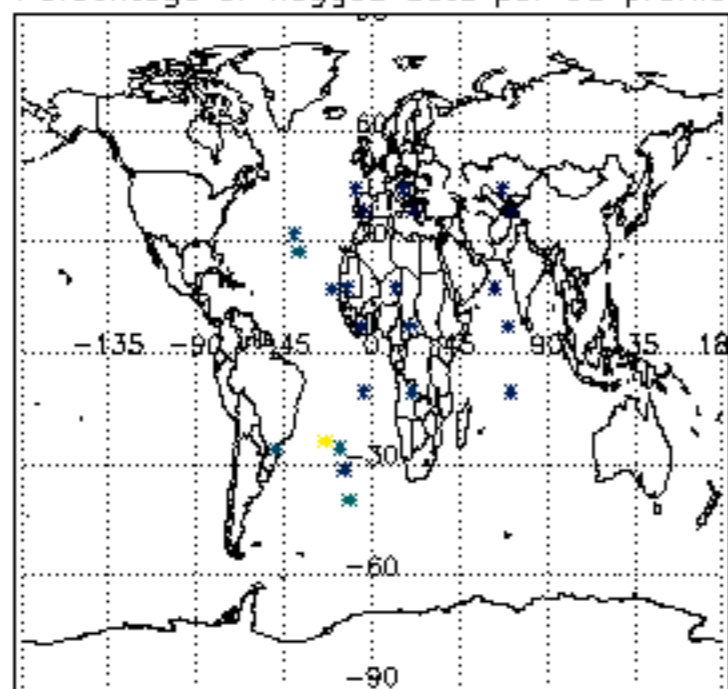
6. Auxiliary Data Files used for the production reported in section 2

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.

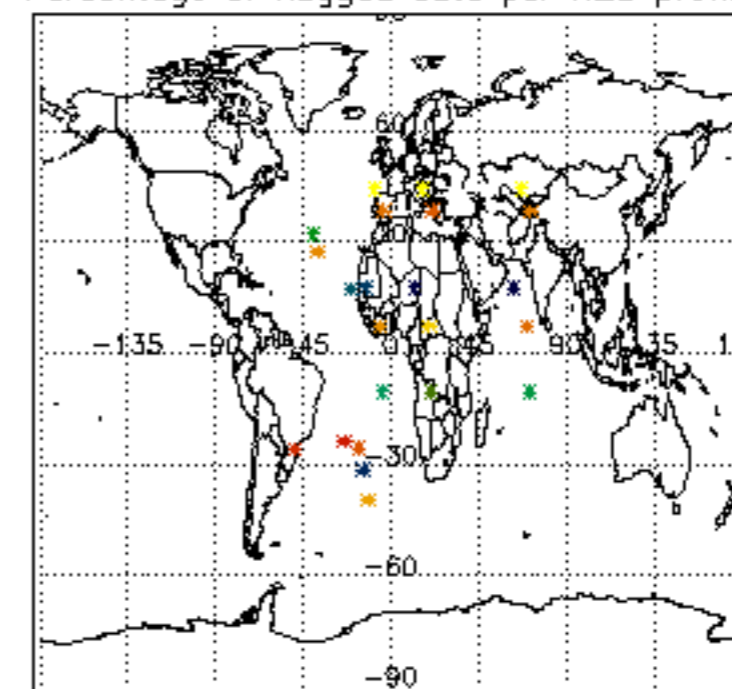
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000 | 1 | 11-NOV-2002 00:01:59 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 11-NOV-2002 00:01:59 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 11-NOV-2002 00:01:59 |



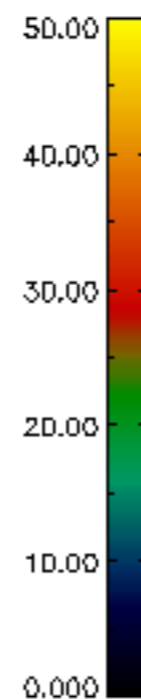
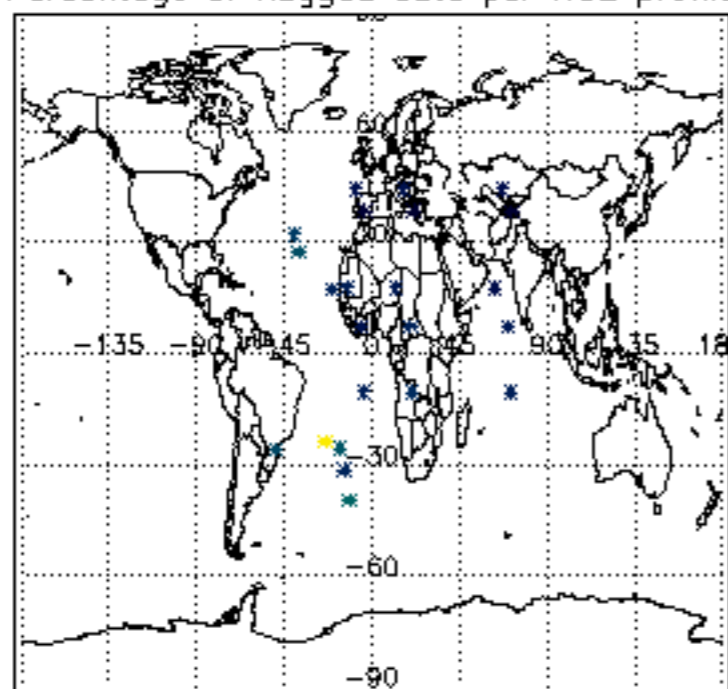
Percentage of flagged data per D3 profile



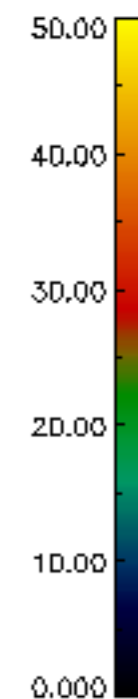
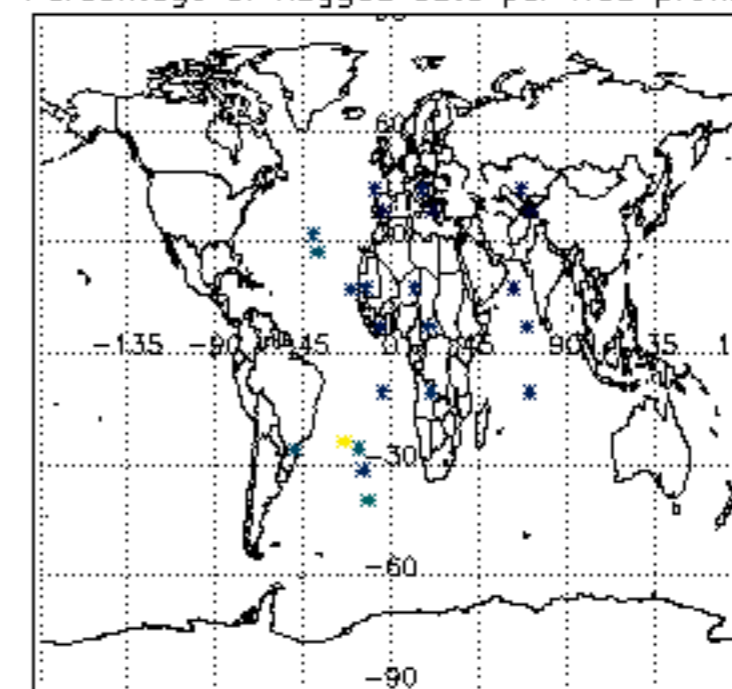
Percentage of flagged data per H2O profile

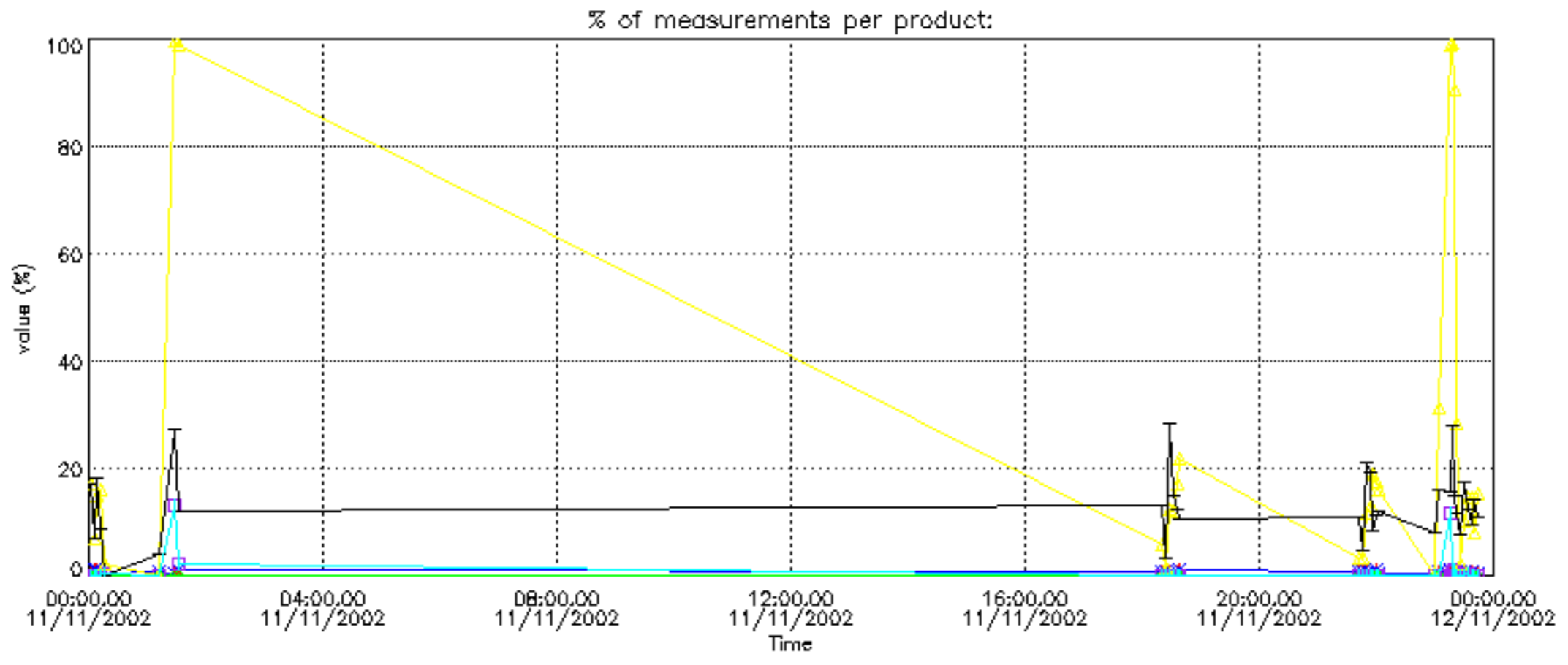


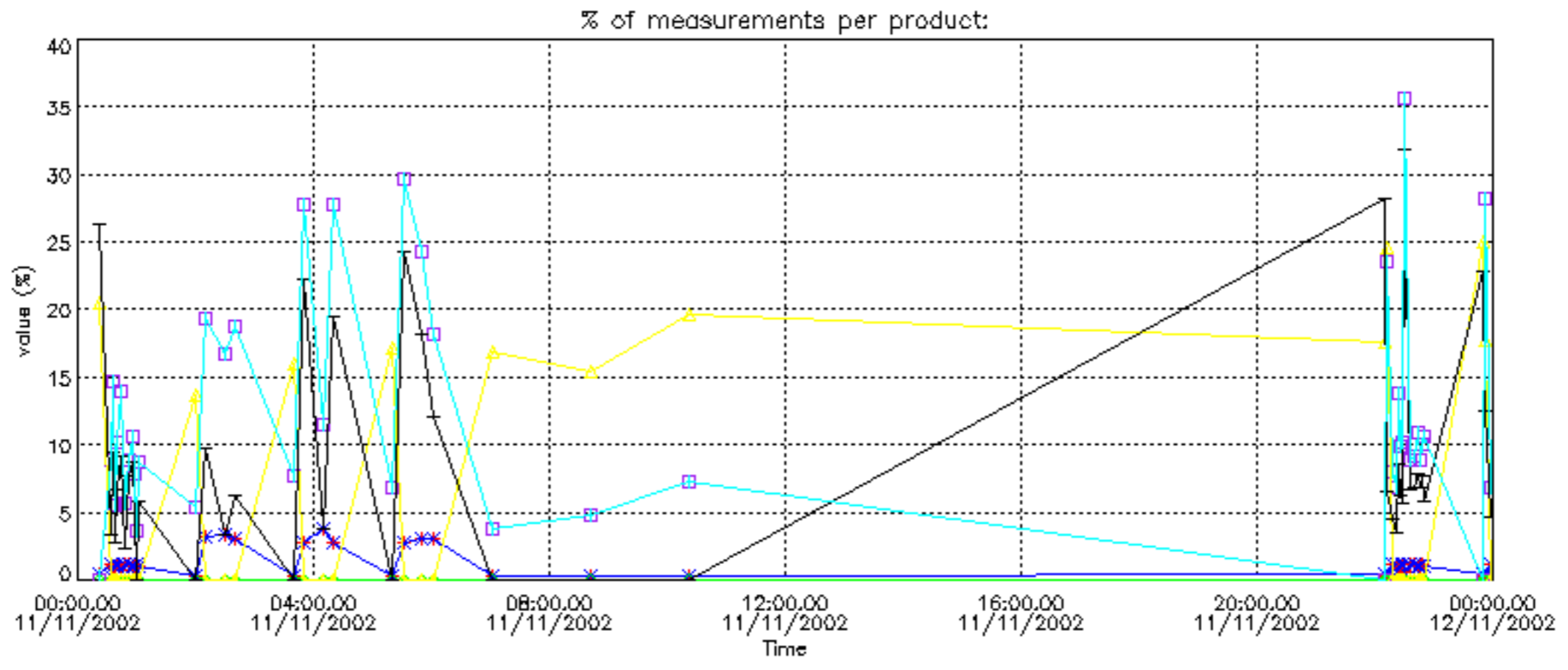
Percentage of flagged data per NO2 profile



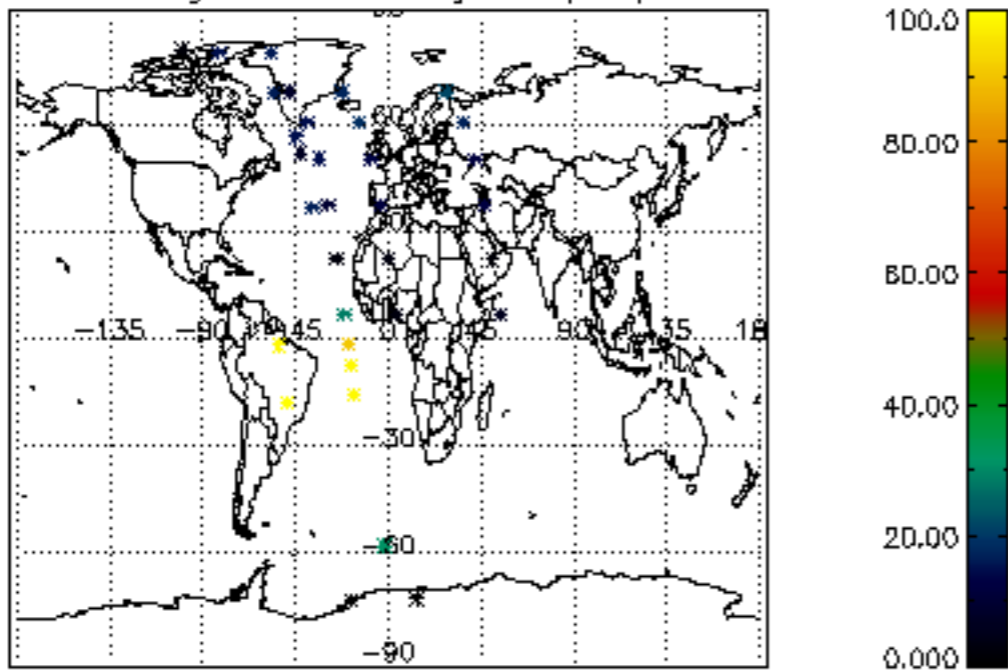
Percentage of flagged data per NO3 profile



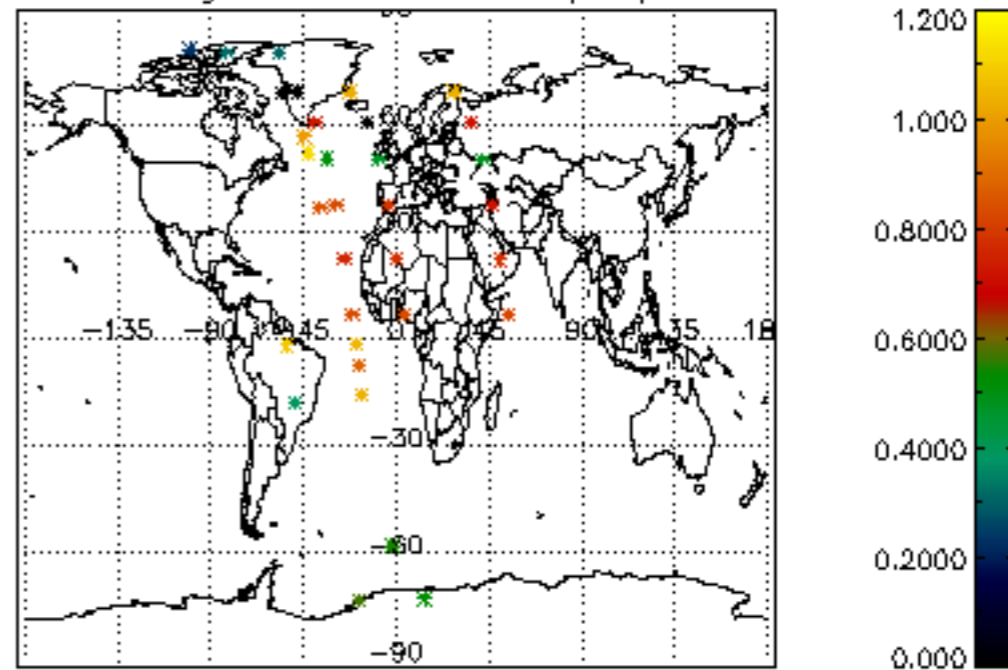




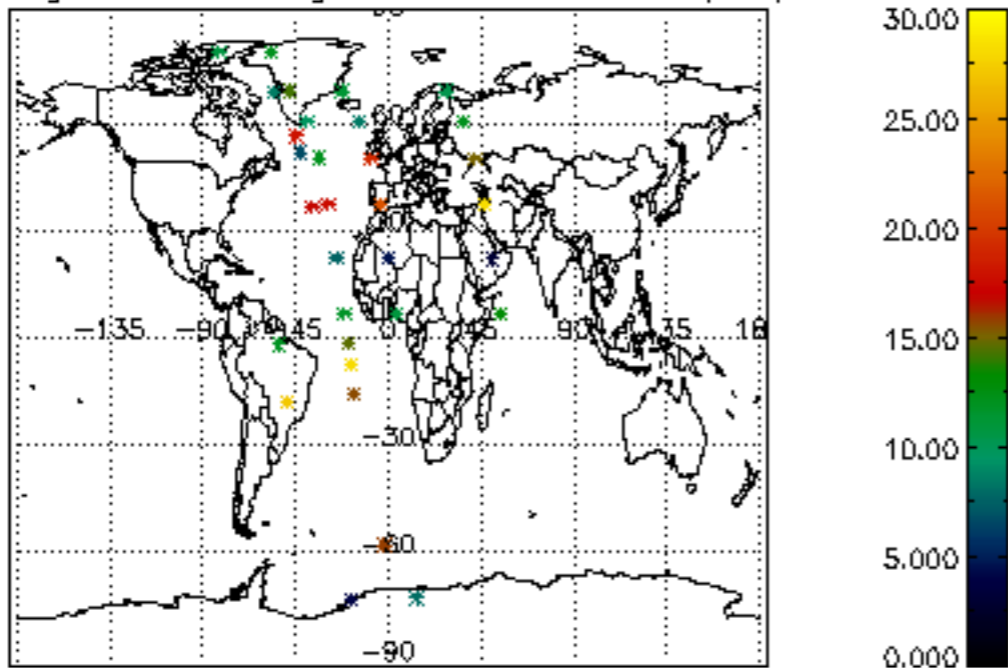
Percentage of cosmic ray hits per profile



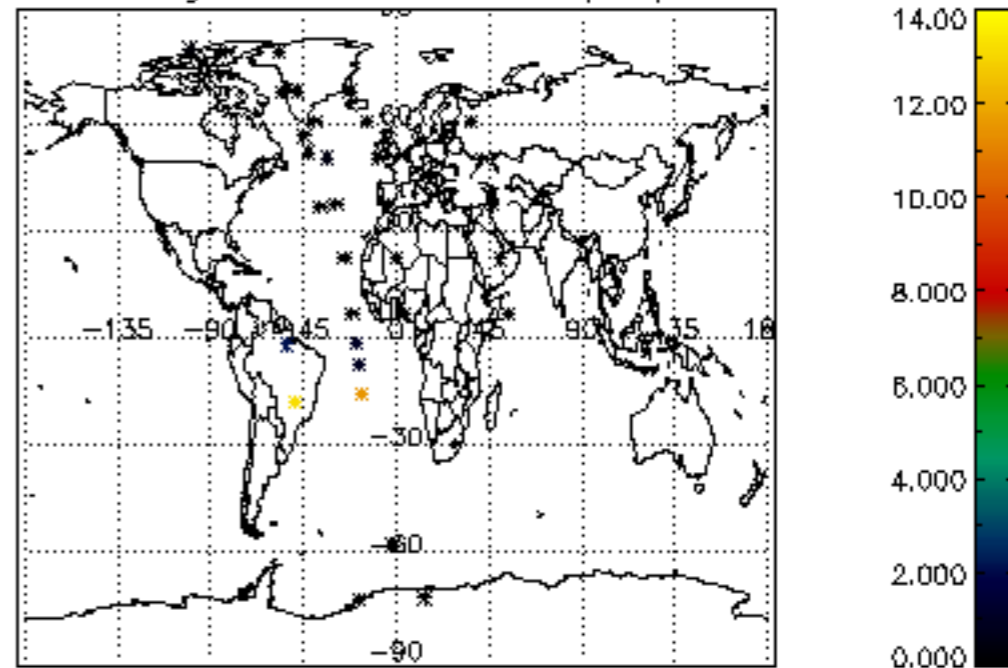
Percentage of datation errors per profile



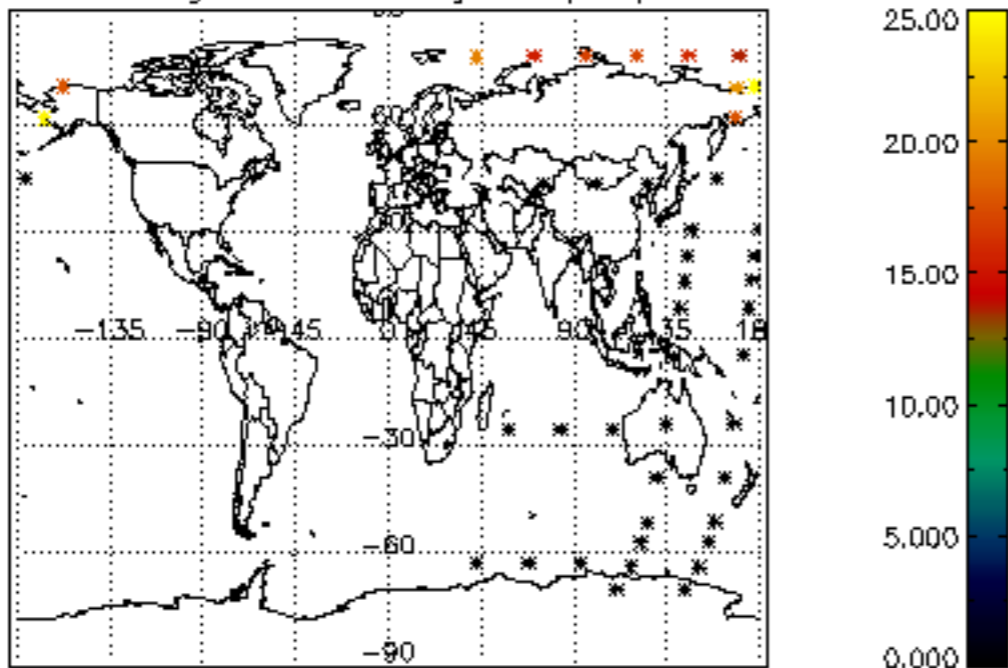
Percentage of star falling outside central band per profile



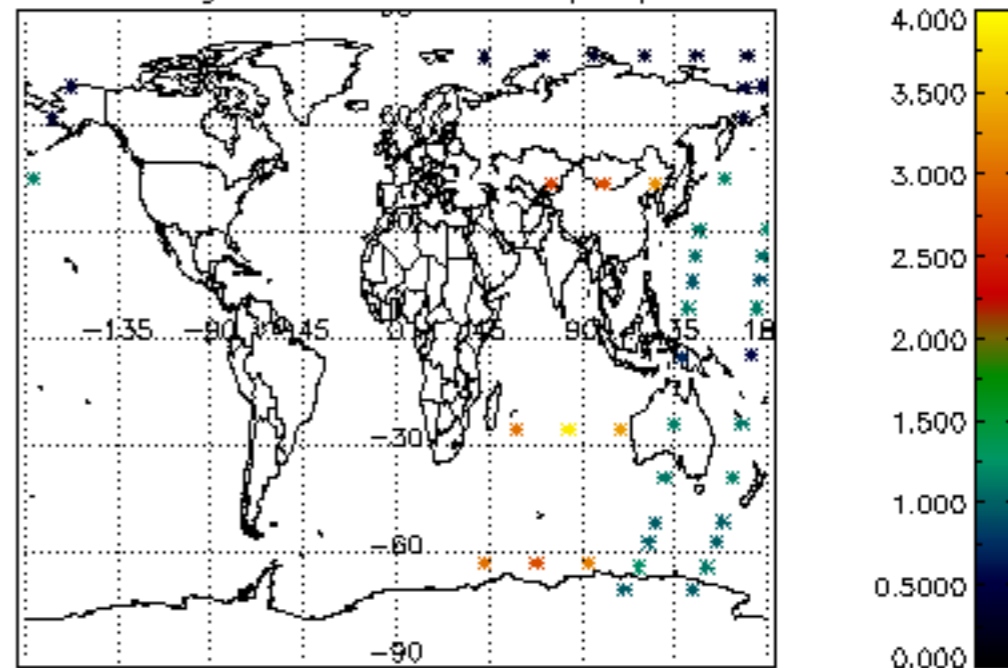
Percentage of saturation errors per profile



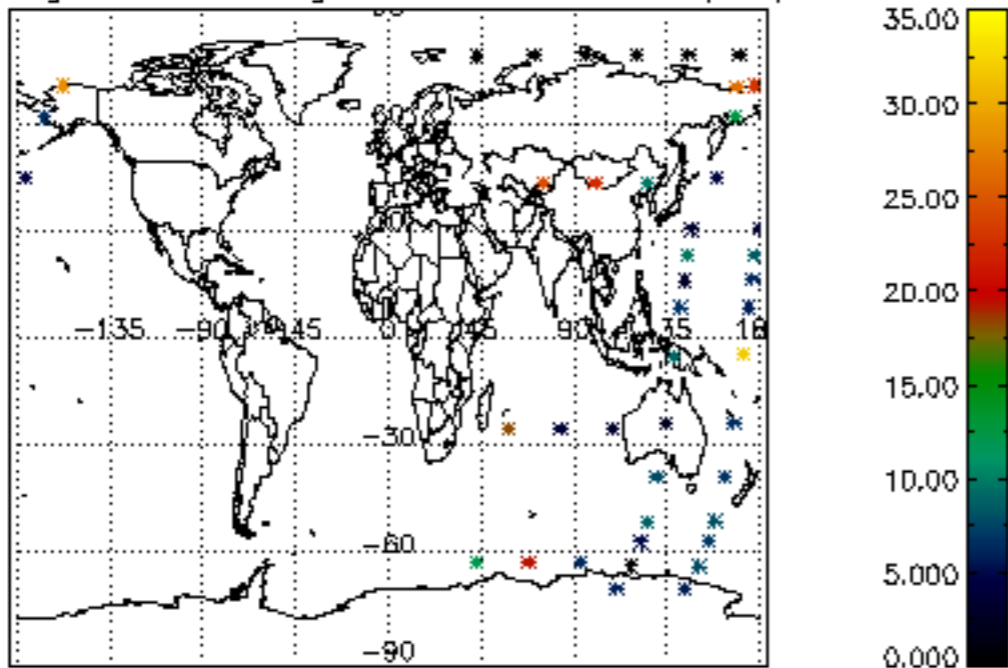
Percentage of cosmic ray hits per profile



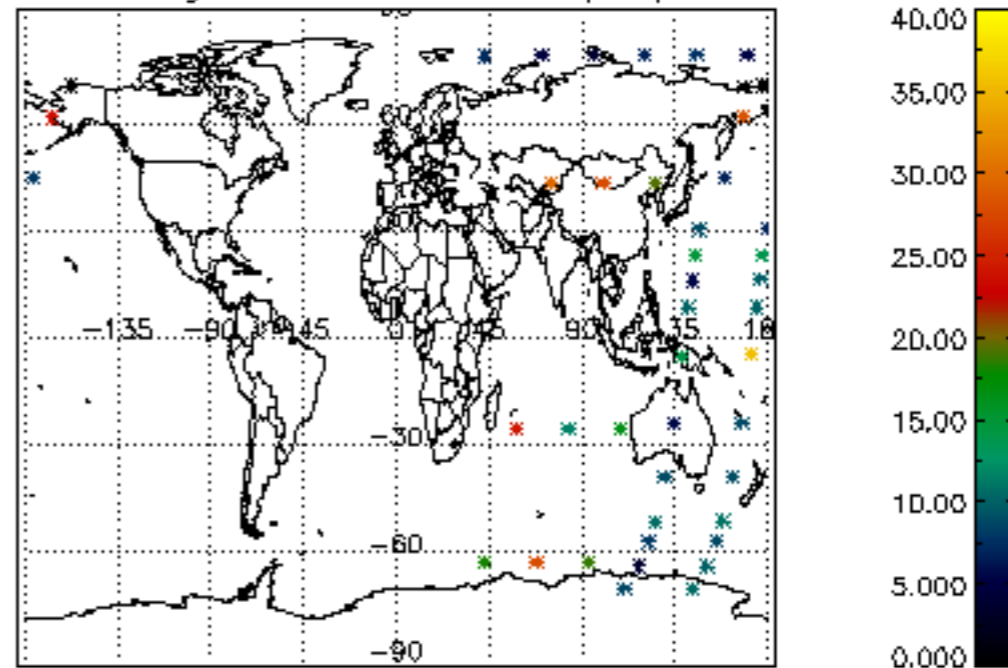
Percentage of datation errors per profile

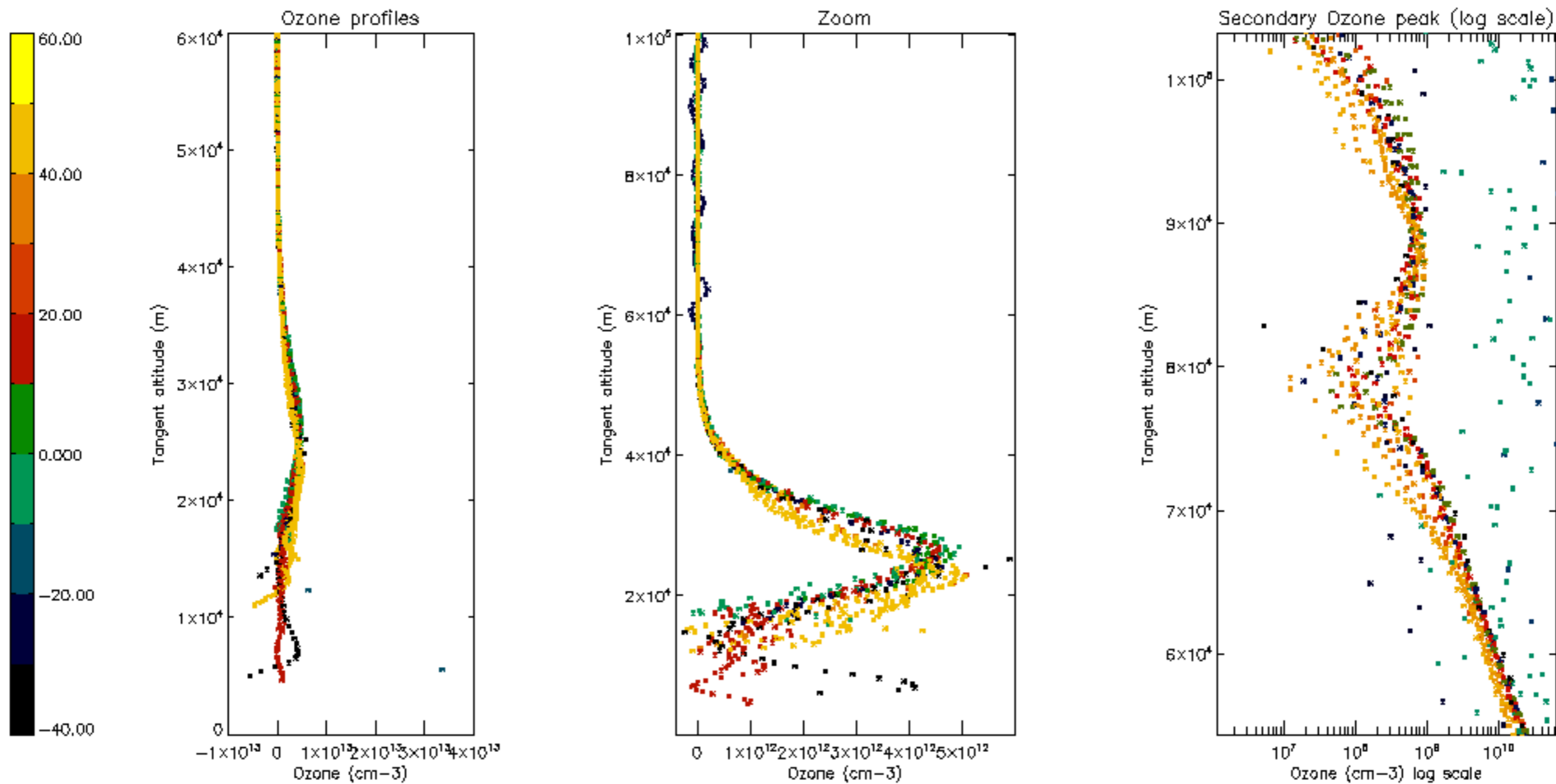


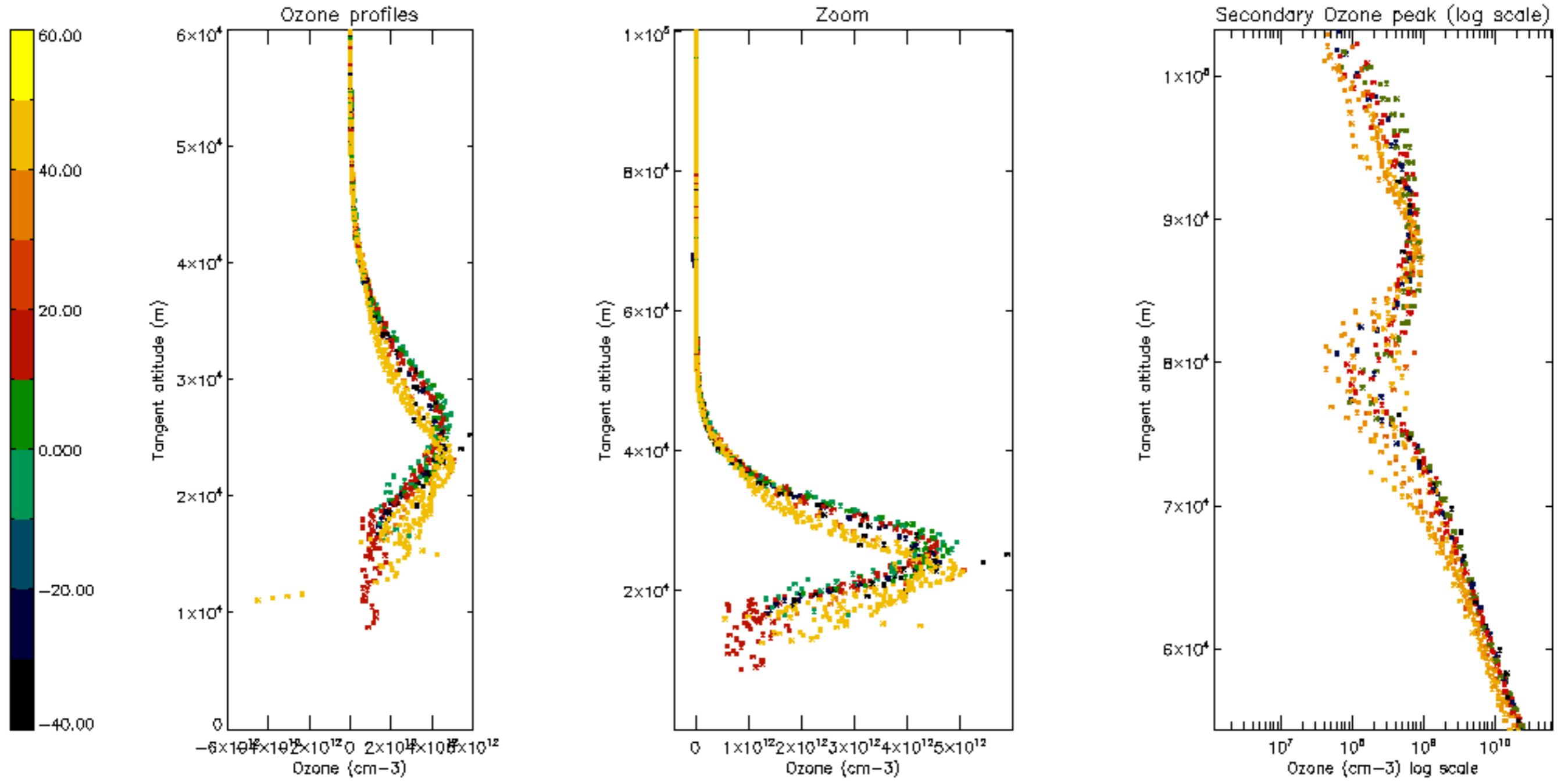
Percentage of star falling outside central band per profile

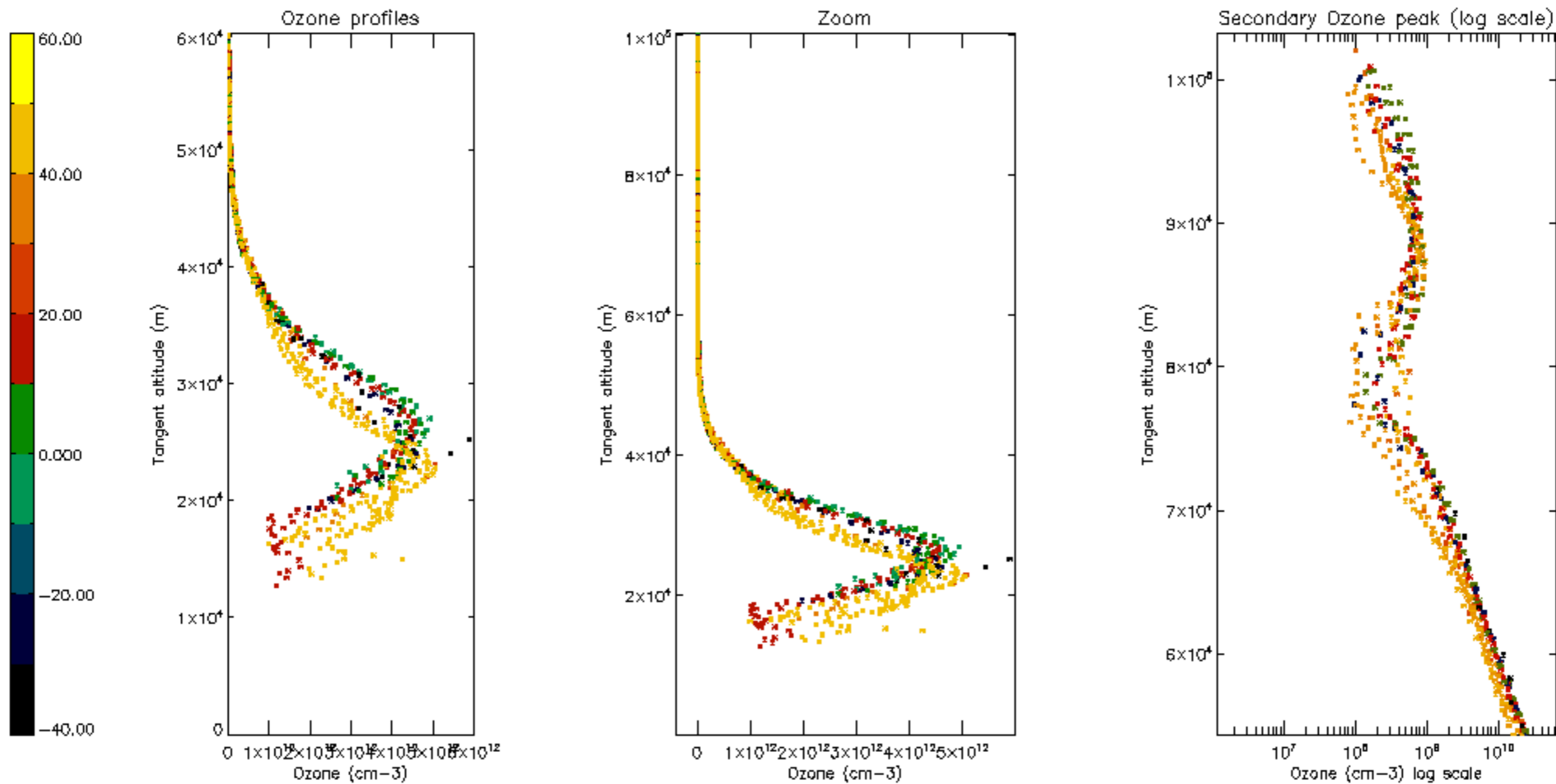


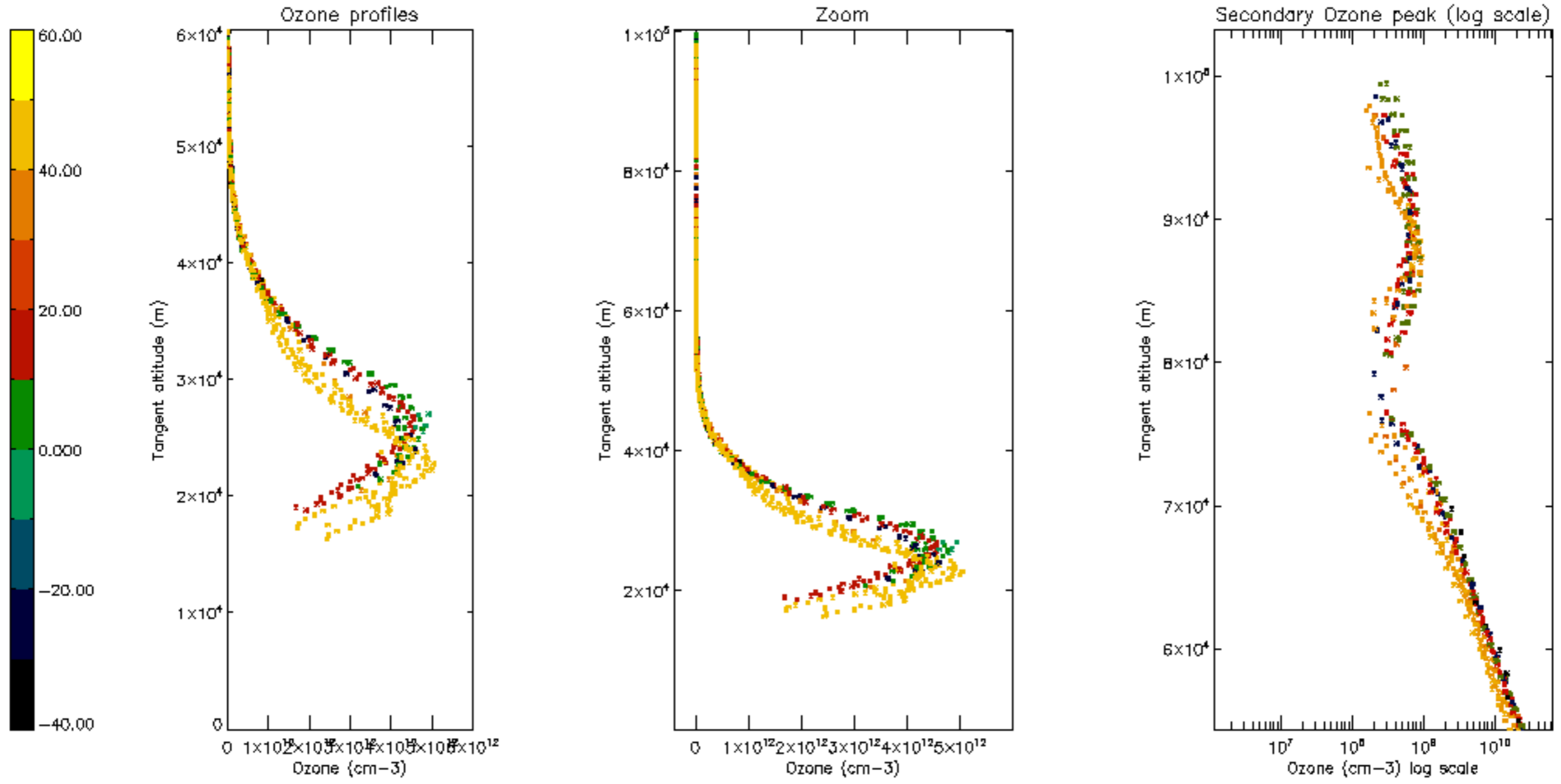
Percentage of saturation errors per profile

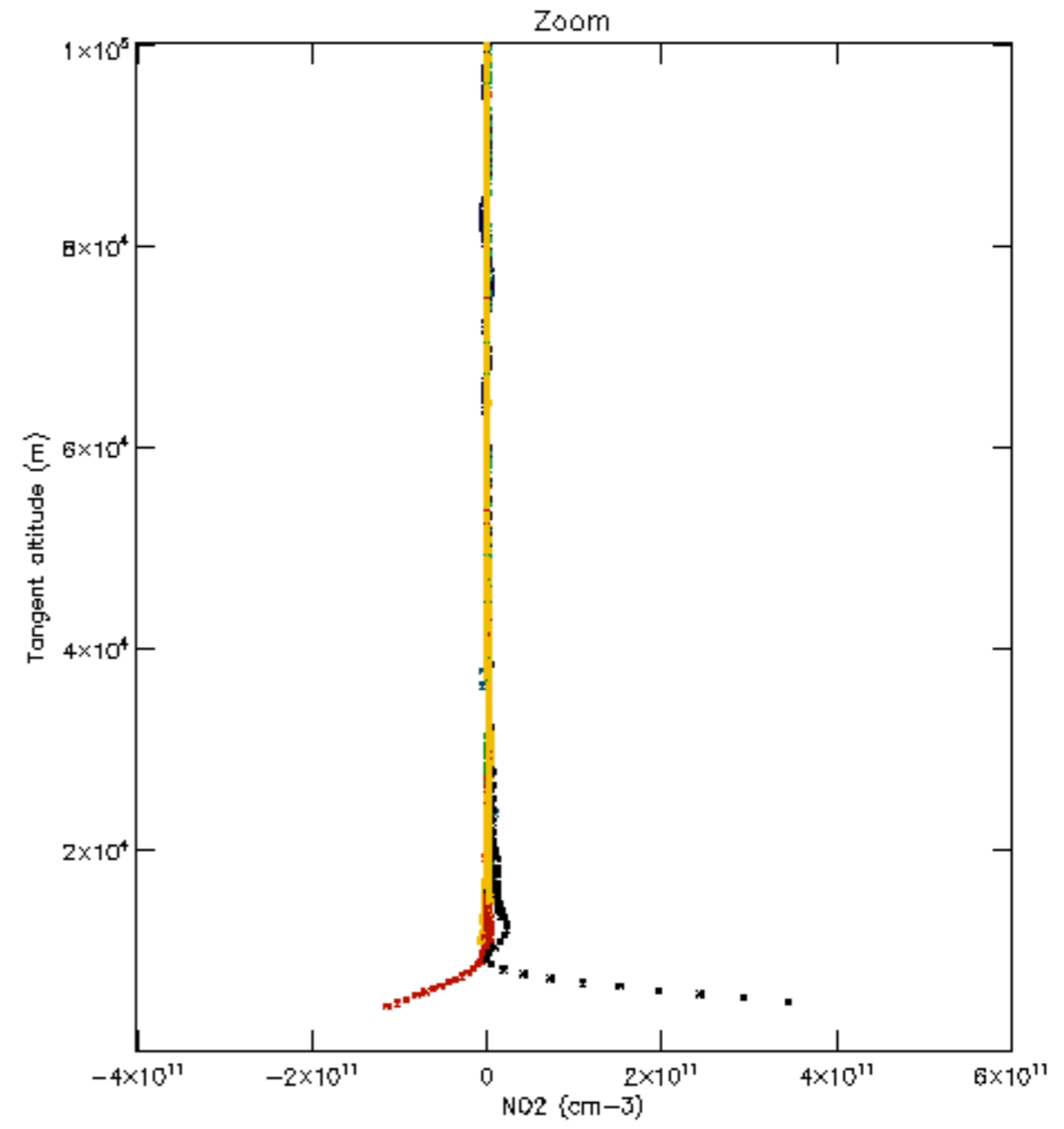
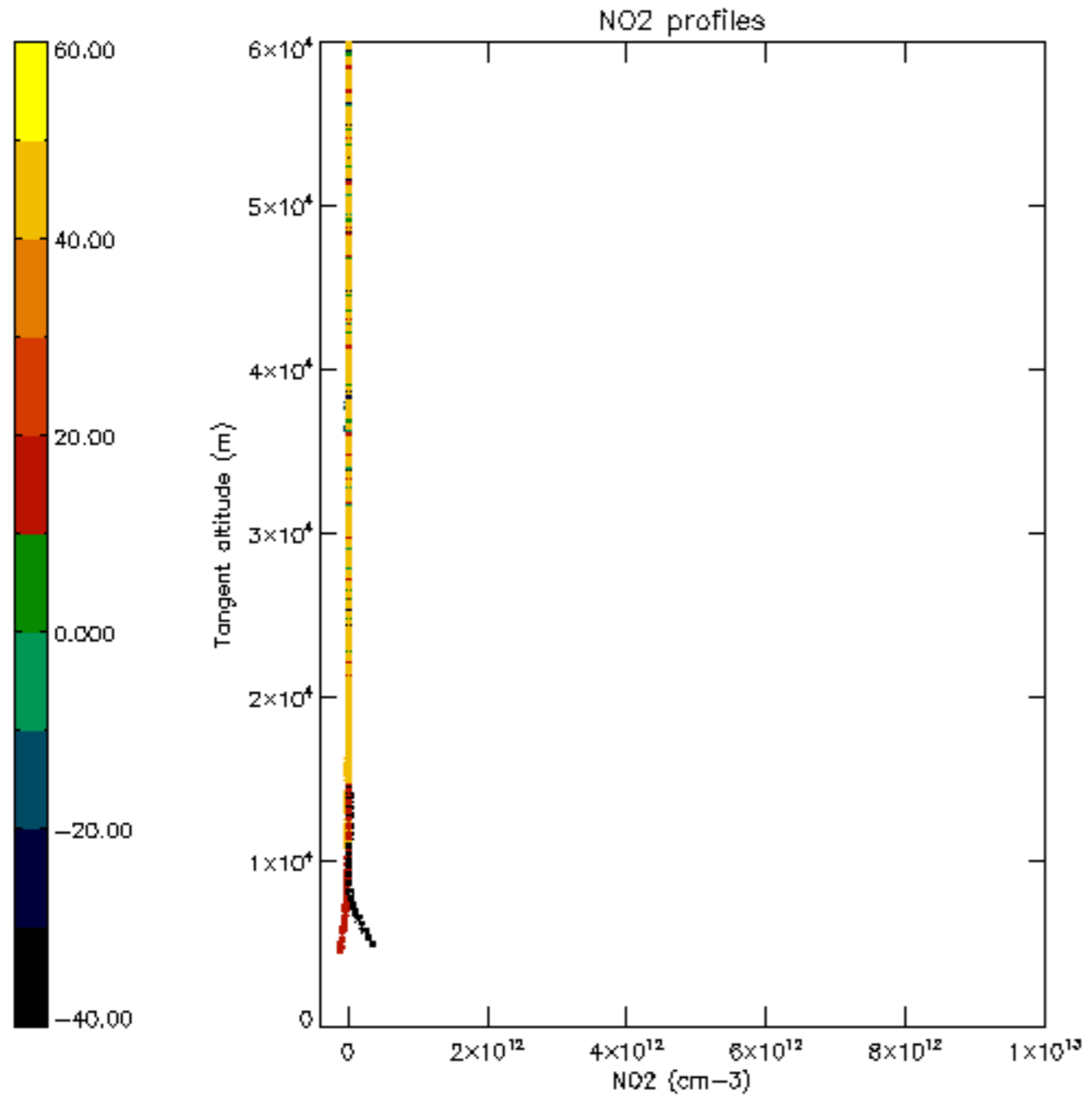


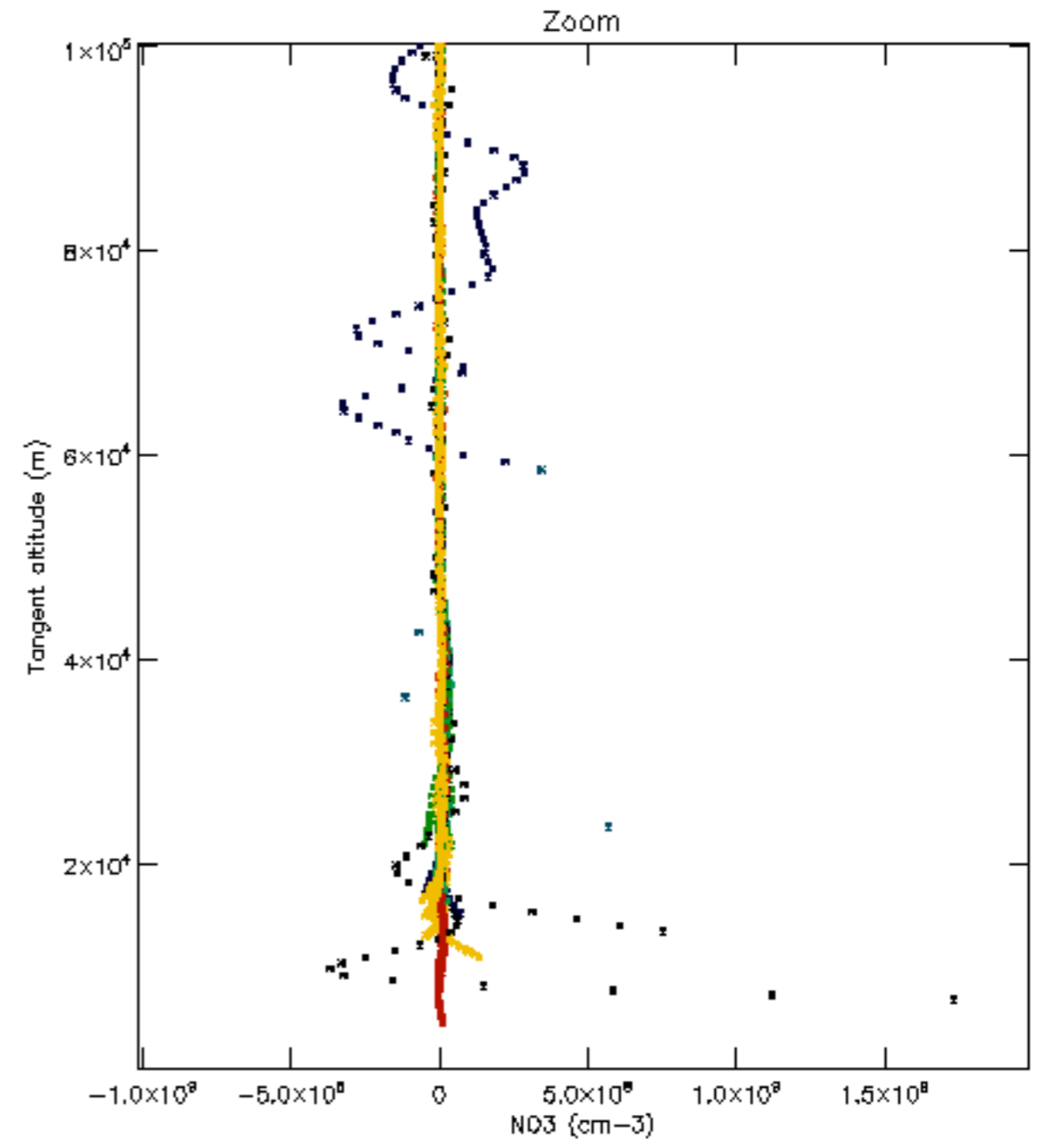
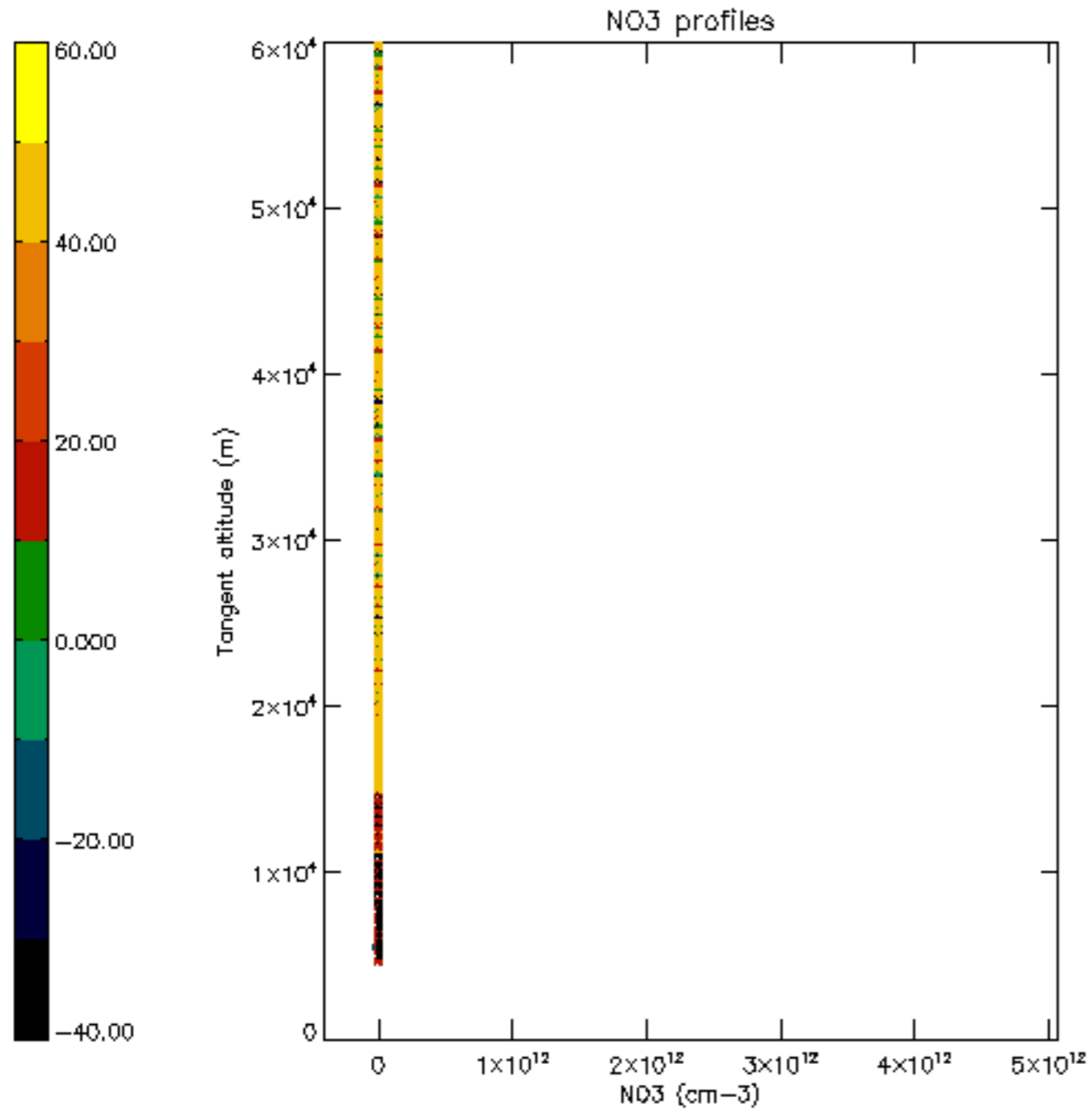


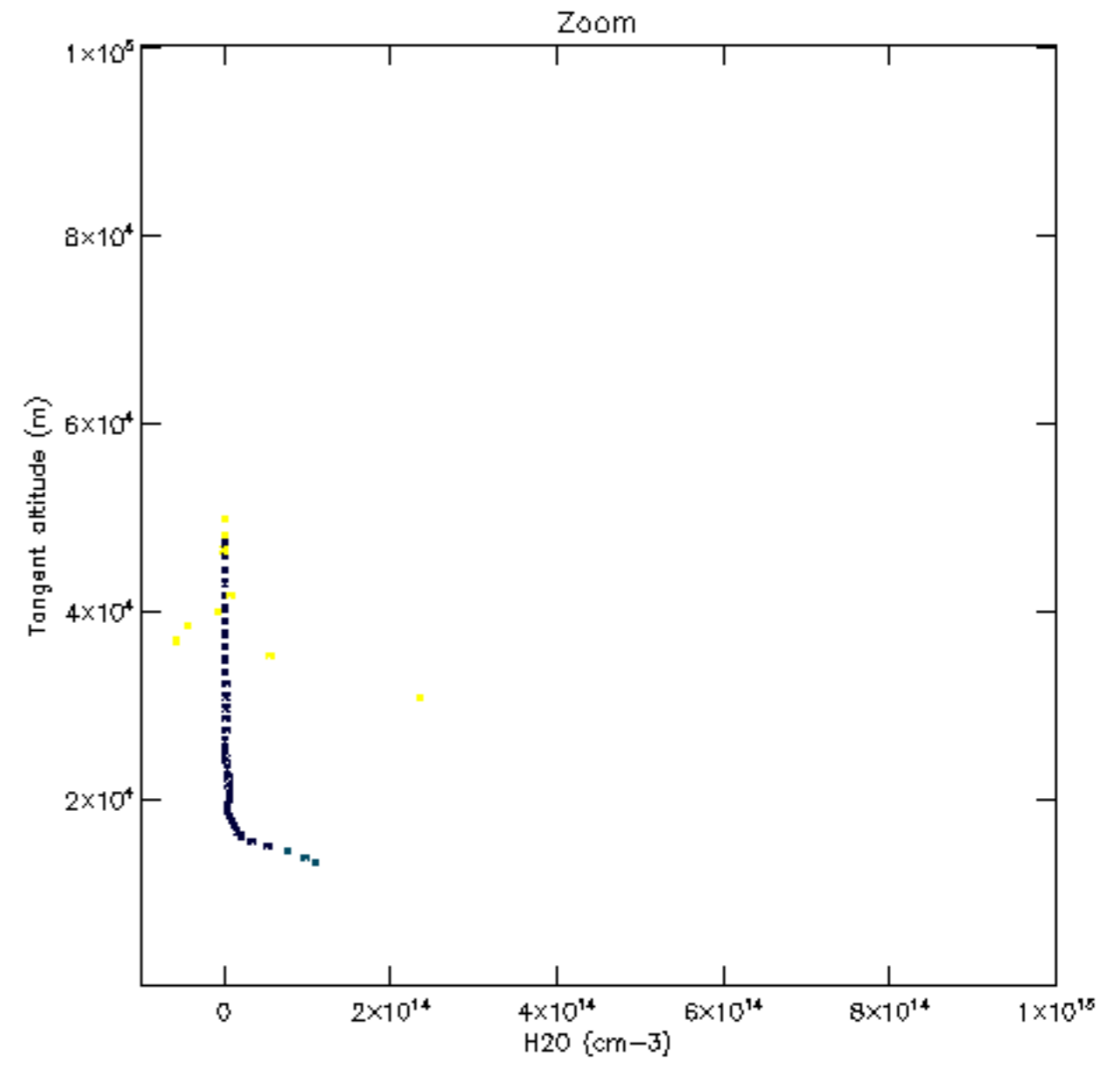
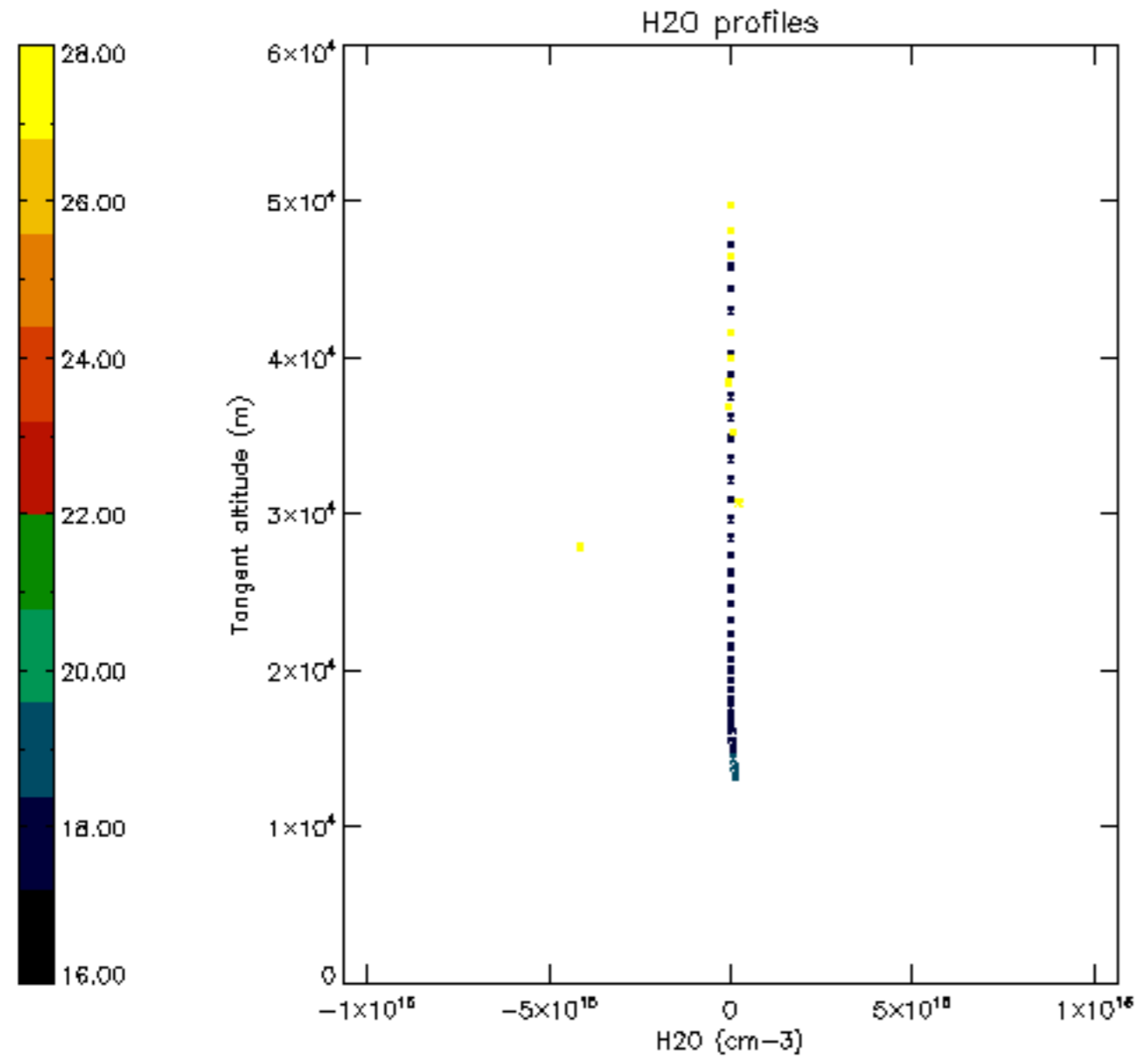


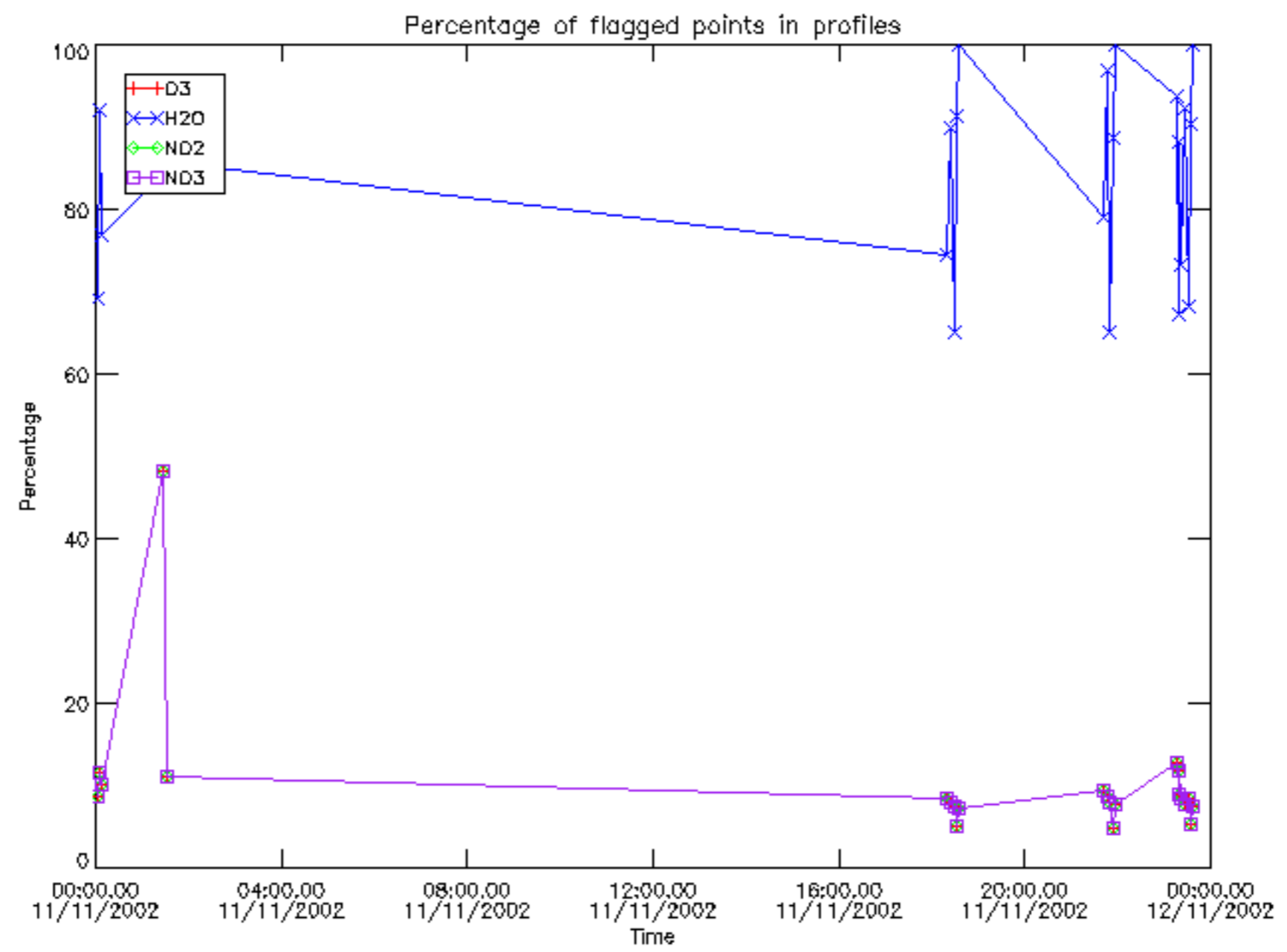




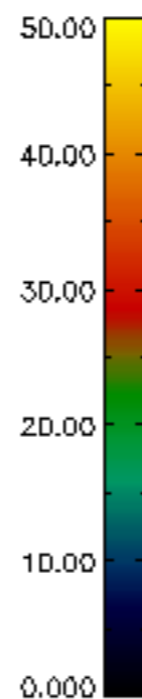
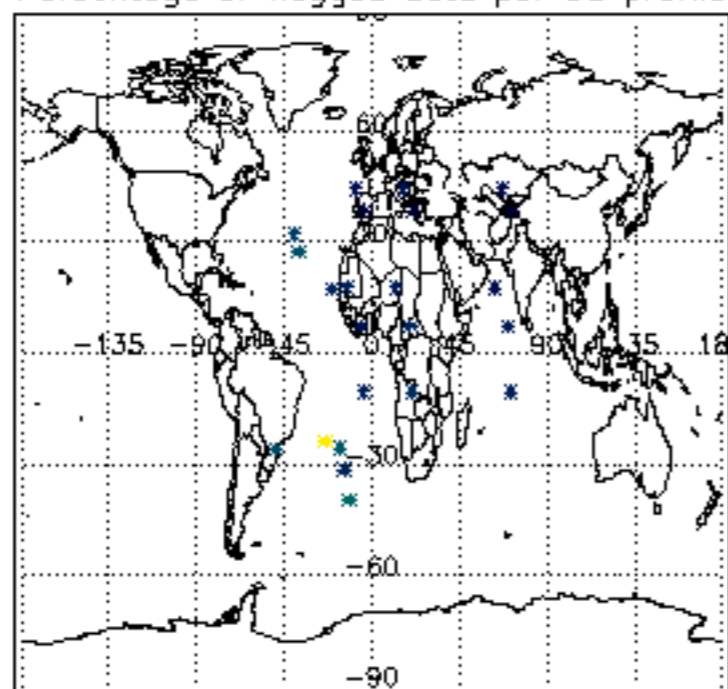




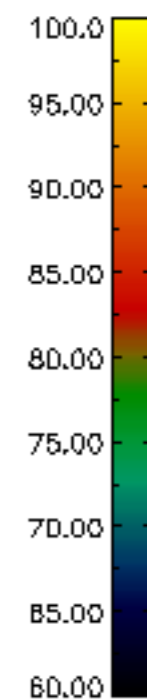
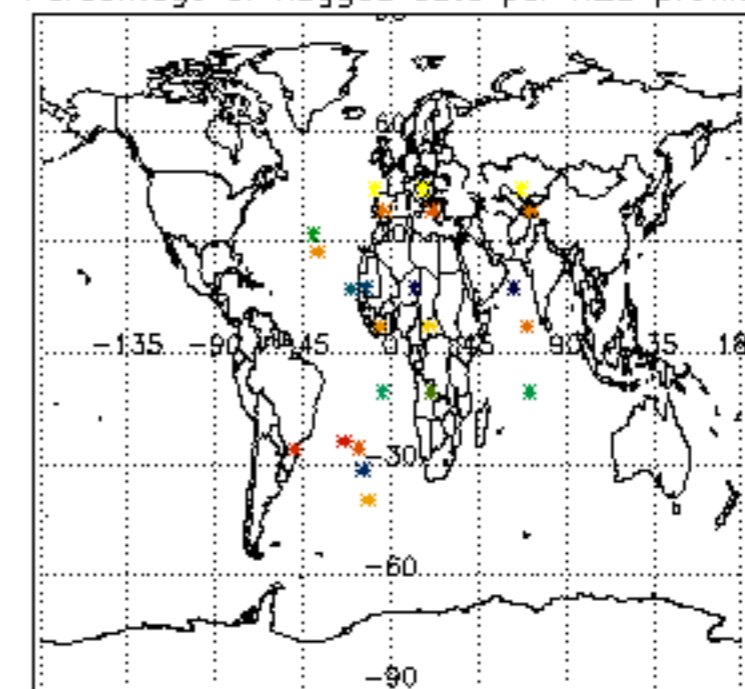




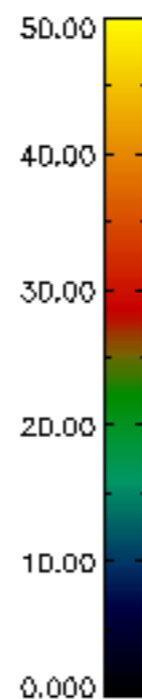
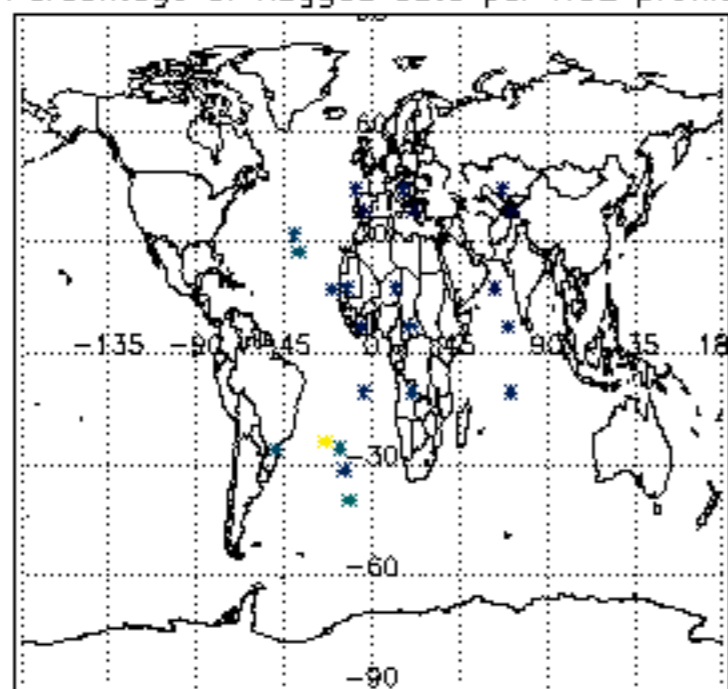
Percentage of flagged data per D3 profile



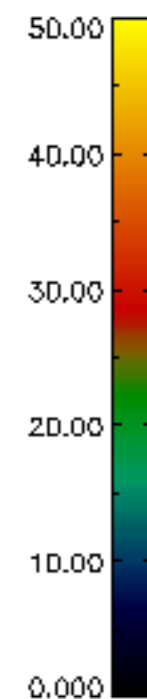
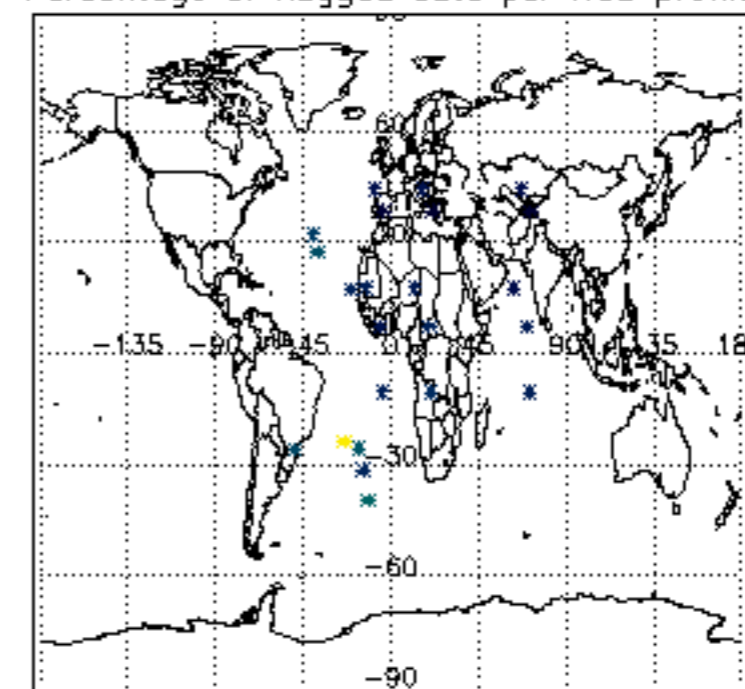
Percentage of flagged data per H2O profile

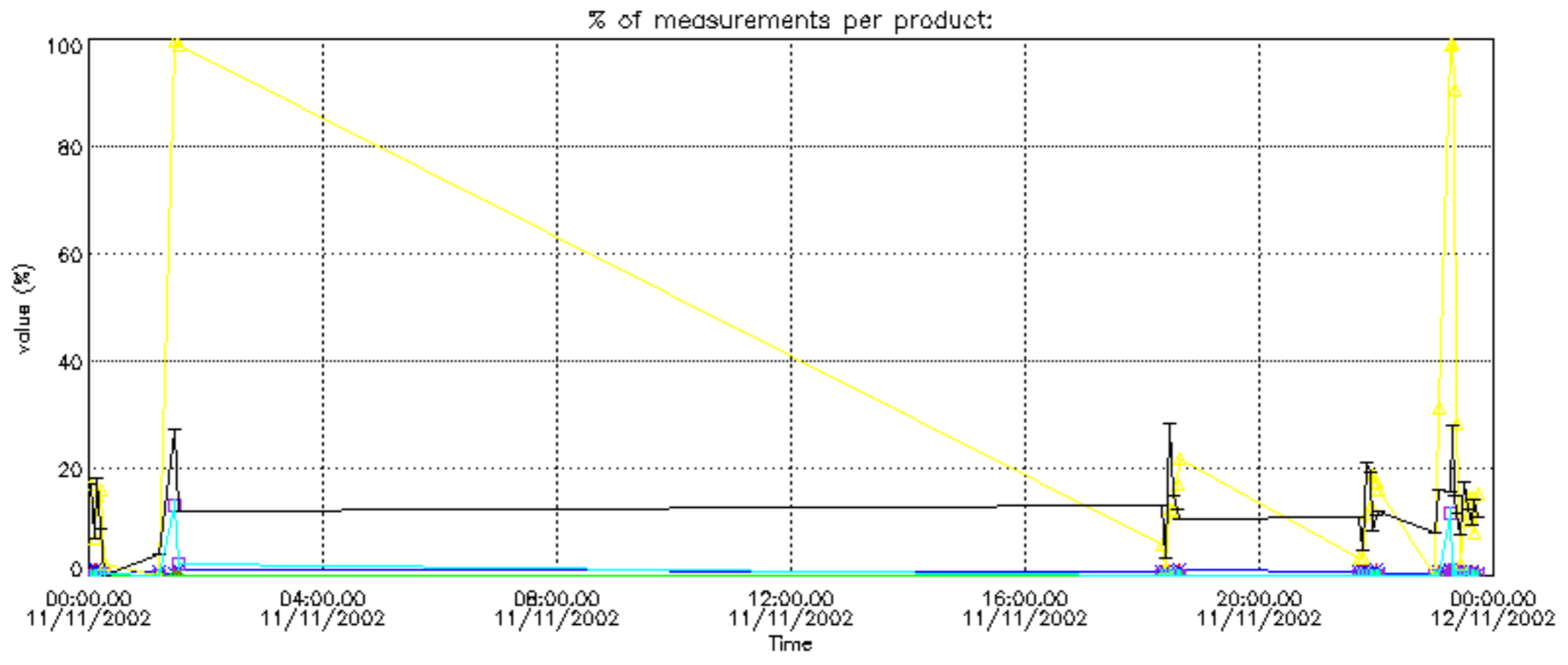


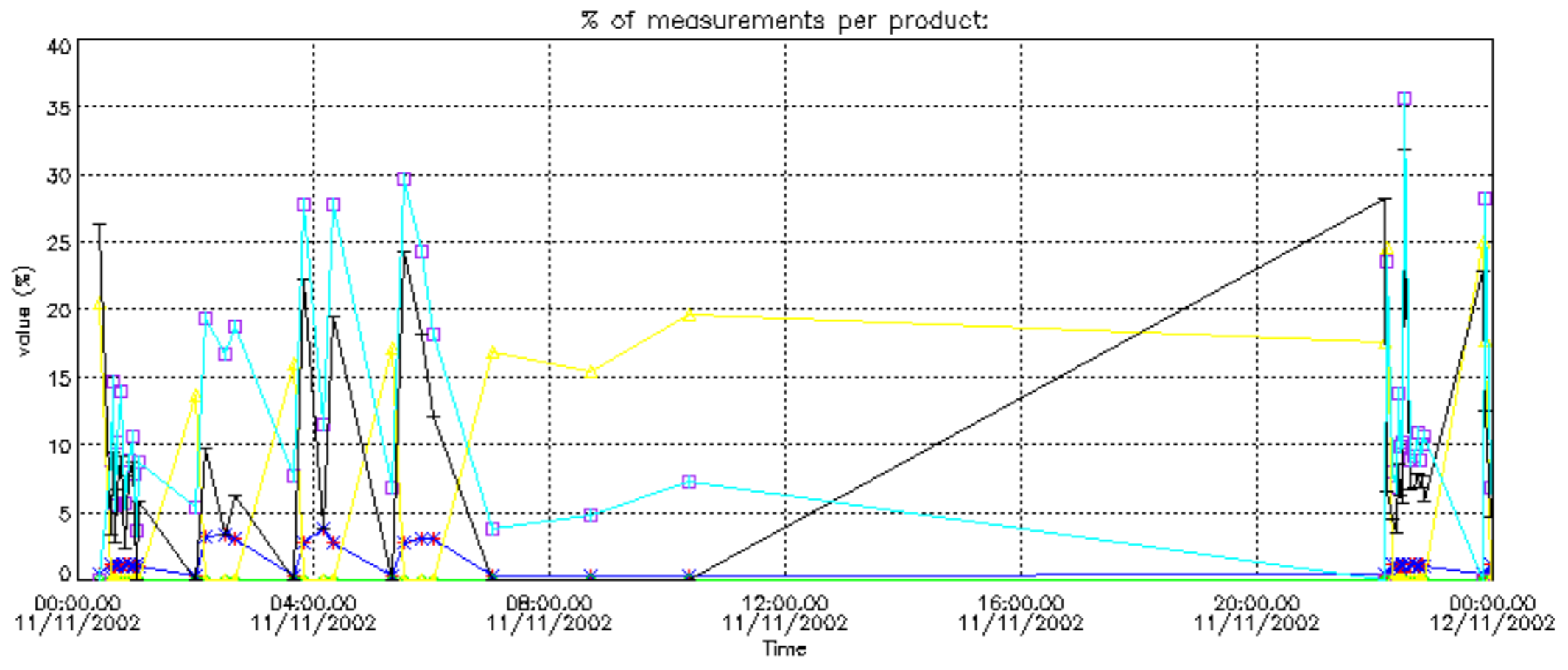
Percentage of flagged data per NO2 profile



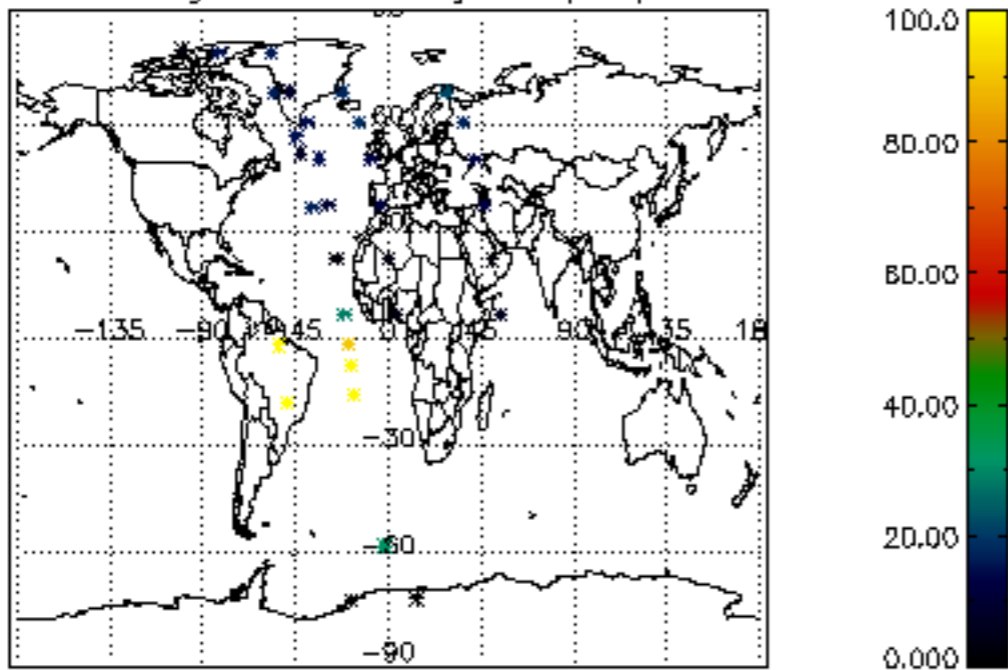
Percentage of flagged data per NO3 profile



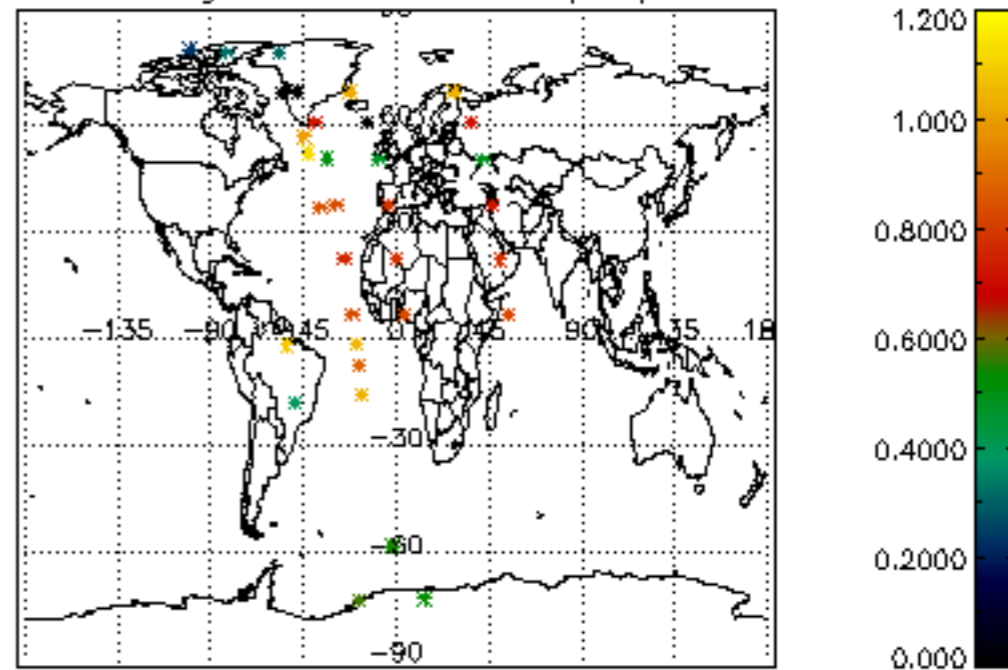




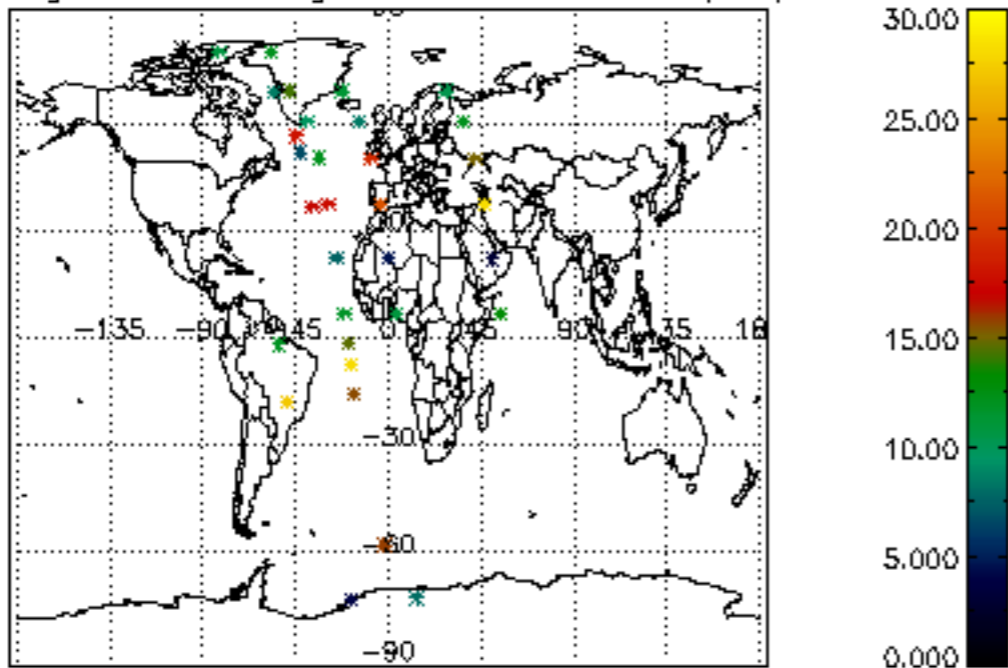
Percentage of cosmic ray hits per profile



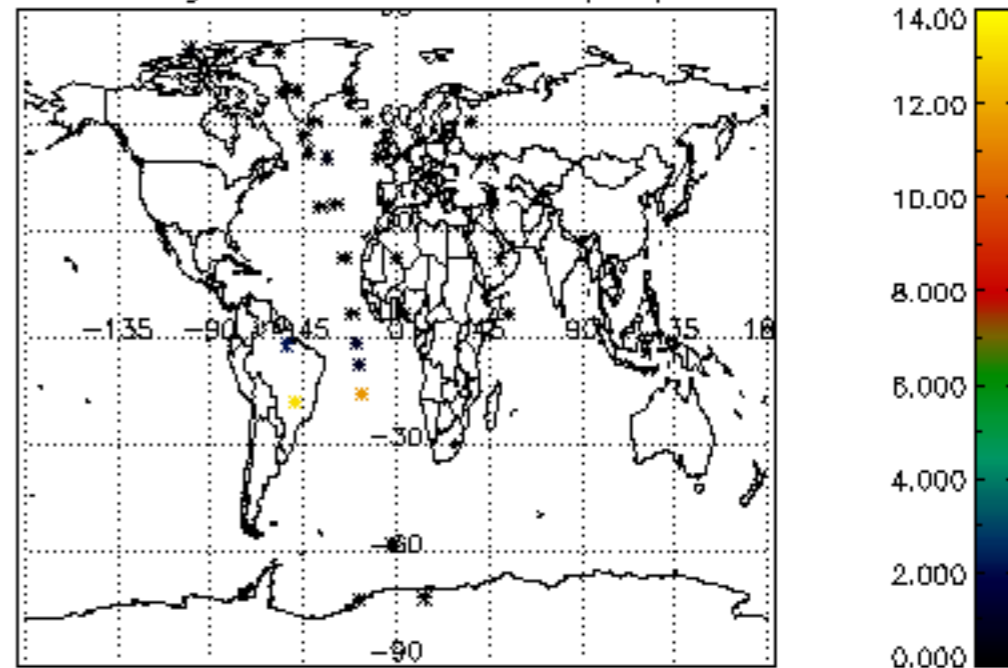
Percentage of datation errors per profile



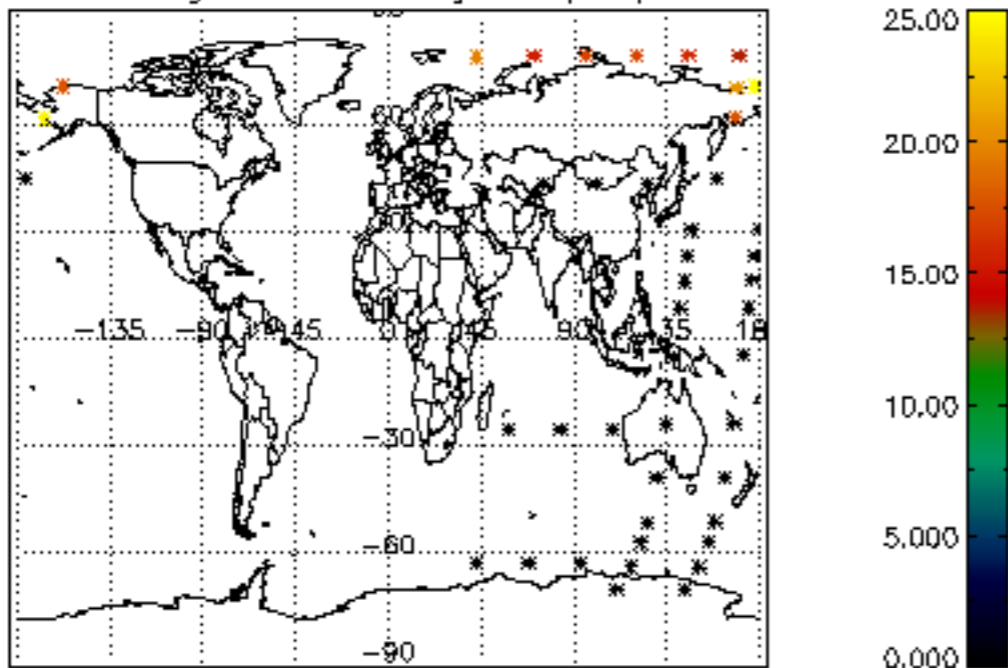
Percentage of star falling outside central band per profile



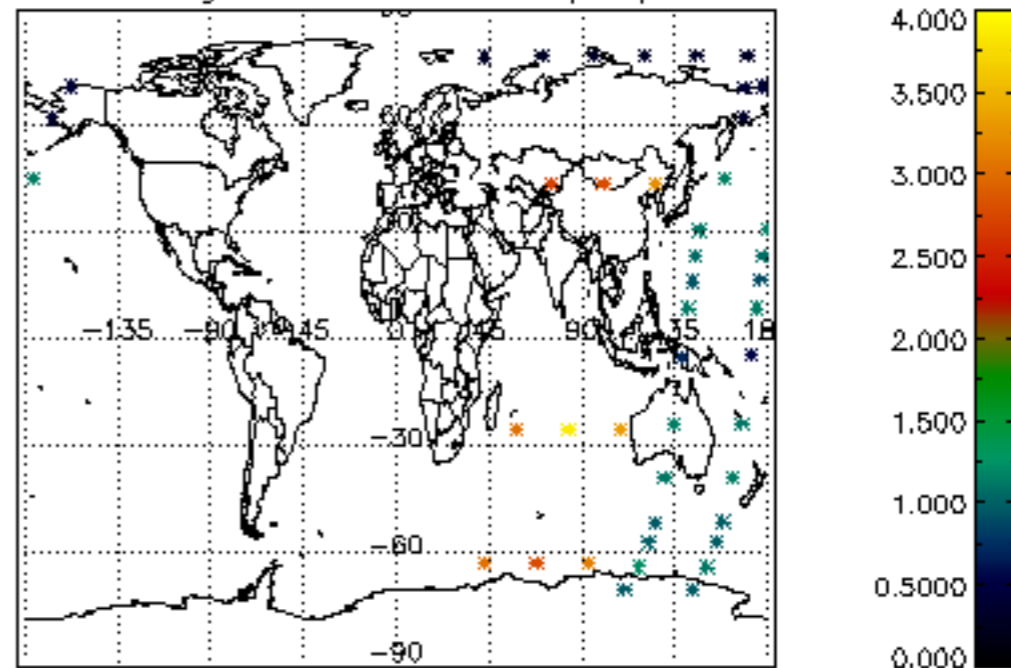
Percentage of saturation errors per profile



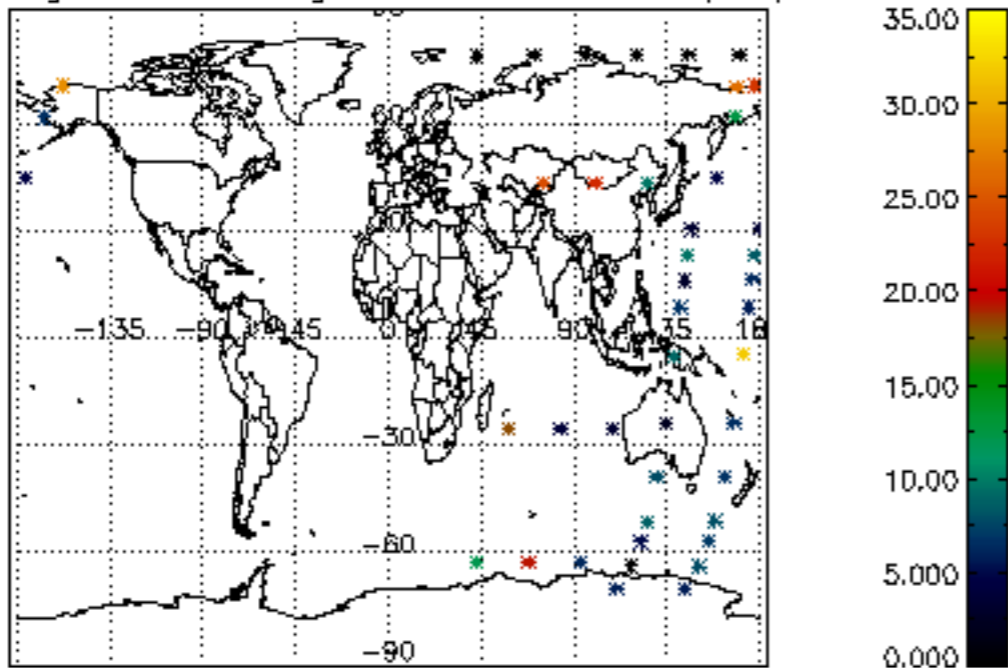
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

