

GOMOS Level 2 Daily Report

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

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 26APR2013 17:46:03 |
| Data source version | GOMOS/6.01 |
| Start time of products | 01-03-2010 (01MAR2010 00:00:00) |
| Stop time of products | 02-03-2010 (02MAR2010 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 303 |
| Nb of prods with errors | 0 |

2. Summary of processed GOM_NL__2P products.

| Nr | Filename | UTC Start time | Limb | Duration | Star Id | Star Name | Star Mag | Star Temp | Nb Meas | Orbit | Prod. error |
|----|--|----------------------|--------|----------|---------|-----------|-----------|-----------|---------|-------|-------------|
| 1 | GOM_NL__2PRFIN20100301_000644_000000442087_00188_41825_7222.N1 | 01-MAR-2010 00:06:44 | Bright | 43.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 87 | 41825 | No |
| 2 | GOM_NL__2PRFIN20100301_000922_000000462087_00188_41825_7223.N1 | 01-MAR-2010 00:09:22 | Bright | 46.000 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 92 | 41825 | No |
| 3 | GOM_NL__2PRFIN20100301_001820_000000452087_00188_41825_7224.N1 | 01-MAR-2010 00:18:20 | Bright | 44.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 89 | 41825 | No |
| 4 | GOM_NL__2PRFIN20100301_002104_000000422087_00188_41825_7225.N1 | 01-MAR-2010 00:21:04 | Bright | 41.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 83 | 41825 | No |
| 5 | GOM_NL__2PRFIN20100301_002223_000000592087_00188_41825_7226.N1 | 01-MAR-2010 00:22:23 | Bright | 59.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 118 | 41825 | No |
| 6 | GOM_NL__2PRFIN20100301_002933_000000432087_00188_41825_7227.N1 | 01-MAR-2010 00:29:33 | Bright | 43.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 86 | 41825 | No |
| 7 | GOM_NL__2PRFIN20100301_003416_000000472087_00188_41825_7228.N1 | 01-MAR-2010 00:34:16 | Bright | 47.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 94 | 41825 | No |
| 8 | GOM_NL__2PRFIN20100301_003838_000000472087_00188_41825_7229.N1 | 01-MAR-2010 00:38:38 | Bright | 47.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 94 | 41825 | No |
| 9 | GOM_NL__2PRFIN20100301_004132_000000352087_00188_41825_7230.N1 | 01-MAR-2010 00:41:32 | Bright | 35.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 70 | 41825 | No |
| 10 | GOM_NL__2PRFIN20100301_004341_000000452087_00188_41825_7231.N1 | 01-MAR-2010 00:43:41 | Bright | 44.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 89 | 41825 | No |
| 11 | GOM_NL__2PRFIN20100301_005116_000000402087_00188_41825_7232.N1 | 01-MAR-2010 00:51:16 | Bright | 39.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 79 | 41825 | No |
| 12 | GOM_NL__2PRFIN20100301_010253_000000412087_00188_41825_7233.N1 | 01-MAR-2010 01:02:53 | Dark | 40.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 81 | 41825 | No |
| 13 | GOM_NL__2PRFIN20100301_010559_000000442087_00188_41825_7234.N1 | 01-MAR-2010 01:05:59 | Dark | 44.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 88 | 41825 | No |
| 14 | GOM_NL__2PRFIN20100301_010848_000000522087_00188_41825_7235.N1 | 01-MAR-2010 01:08:48 | Dark | 51.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 103 | 41825 | No |
| 15 | GOM_NL__2PRFIN20100301_011649_000000522087_00189_41826_7242.N1 | 01-MAR-2010 01:16:49 | Dark | 51.500 | 131 | Gam Lup | 2.8000 | 26000. | 103 | 41826 | No |
| 16 | GOM_NL__2PRFIN20100301_011907_000000432087_00189_41826_7243.N1 | 01-MAR-2010 01:19:07 | Dark | 43.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 86 | 41826 | No |
| 17 | GOM_NL__2PRFIN20100301_012026_000000412087_00189_41826_7244.N1 | 01-MAR-2010 01:20:26 | Dark | 40.500 | 10 | Bet Cen | 0.61000 | 28000. | 81 | 41826 | No |
| 18 | GOM_NL__2PRFIN20100301_012213_000000462087_00189_41826_7245.N1 | 01-MAR-2010 01:22:13 | Dark | 46.000 | 77 | Eps Cen | 2.3030 | 28000. | 92 | 41826 | No |
| 19 | GOM_NL__2PRFIN20100301_012403_000000482087_00189_41826_7246.N1 | 01-MAR-2010 01:24:03 | Dark | 48.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 96 | 41826 | No |
| 20 | GOM_NL__2PRFIN20100301_012527_000000452087_00189_41826_7247.N1 | 01-MAR-2010 01:25:27 | Dark | 45.000 | 64 | Gam Cen | 2.2000 | 10600. | 90 | 41826 | No |
| 21 | GOM_NL__2PRFIN20100301_014720_000000462087_00189_41826_7248.N1 | 01-MAR-2010 01:47:20 | Bright | 45.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 91 | 41826 | No |
| 22 | GOM_NL__2PRFIN20100301_014958_000000472087_00189_41826_7249.N1 | 01-MAR-2010 01:49:58 | Bright | 46.500 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 93 | 41826 | No |
| 23 | GOM_NL__2PRFIN20100301_015855_000000442087_00189_41826_7250.N1 | 01-MAR-2010 01:58:55 | Bright | 43.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 87 | 41826 | No |
| 24 | GOM_NL__2PRFIN20100301_020139_000000422087_00189_41826_7251.N1 | 01-MAR-2010 02:01:39 | Bright | 42.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 84 | 41826 | No |
| 25 | GOM_NL__2PRFIN20100301_020258_000000452087_00189_41826_7252.N1 | 01-MAR-2010 02:02:58 | Bright | 44.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 89 | 41826 | No |
| 26 | GOM_NL__2PRFIN20100301_021009_000000372087_00189_41826_7253.N1 | 01-MAR-2010 02:10:09 | Bright | 36.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 73 | 41826 | No |
| 27 | GOM_NL__2PRFIN20100301_021451_000000502087_00189_41826_7254.N1 | 01-MAR-2010 02:14:51 | Bright | 50.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 100 | 41826 | No |
| 28 | GOM_NL__2PRFIN20100301_021914_000000452087_00189_41826_7255.N1 | 01-MAR-2010 02:19:14 | Bright | 45.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 90 | 41826 | No |
| 29 | GOM_NL__2PRFIN20100301_022208_000000362087_00189_41826_7256.N1 | 01-MAR-2010 02:22:08 | Bright | 36.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 72 | 41826 | No |
| 30 | GOM_NL__2PRFIN20100301_022417_000000462087_00189_41826_7257.N1 | 01-MAR-2010 02:24:17 | Bright | 46.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 92 | 41826 | No |
| 31 | GOM_NL__2PRFIN20100301_023153_000000402087_00189_41826_7258.N1 | 01-MAR-2010 02:31:53 | Bright | 40.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 80 | 41826 | No |
| 32 | GOM_NL__2PRFIN20100301_024329_000000402087_00189_41826_7259.N1 | 01-MAR-2010 02:43:29 | Dark | 40.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 80 | 41826 | No |
| 33 | GOM_NL__2PRFIN20100301_024635_000000452087_00189_41826_7260.N1 | 01-MAR-2010 02:46:35 | Dark | 44.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 89 | 41826 | No |
| 34 | GOM_NL__2PRFIN20100301_024925_000000542087_00189_41826_7261.N1 | 01-MAR-2010 02:49:25 | Dark | 53.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 107 | 41826 | No |
| 35 | GOM_NL__2PRFIN20100301_025727_000000492087_00190_41827_7250.N1 | 01-MAR-2010 02:57:27 | Dark | 49.000 | 131 | Gam Lup | 2.8000 | 26000. | 98 | 41827 | No |
| 36 | GOM_NL__2PRFIN20100301_025944_000000432087_00190_41827_7251.N1 | 01-MAR-2010 02:59:44 | Dark | 43.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 86 | 41827 | No |
| 37 | GOM_NL__2PRFIN20100301_030103_000000432087_00190_41827_7252.N1 | 01-MAR-2010 03:01:03 | Dark | 43.000 | 10 | Bet Cen | 0.61000 | 28000. | 86 | 41827 | No |
| 38 | GOM_NL__2PRFIN20100301_030250_000000432087_00190_41827_7253.N1 | 01-MAR-2010 03:02:50 | Dark | 42.500 | 77 | Eps Cen | 2.3030 | 28000. | 85 | 41827 | No |
| 39 | GOM_NL__2PRFIN20100301_030439_000000482087_00190_41827_7254.N1 | 01-MAR-2010 03:04:39 | Dark | 48.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 96 | 41827 | No |
| 40 | GOM_NL__2PRFIN20100301_030604_000000482087_00190_41827_7255.N1 | 01-MAR-2010 03:06:04 | Dark | 47.500 | 64 | Gam Cen | 2.2000 | 10600. | 95 | 41827 | No |
| 41 | GOM_NL__2PRFIN20100301_032756_000000452087_00190_41827_7256.N1 | 01-MAR-2010 03:27:56 | Bright | 44.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 89 | 41827 | No |
| 42 | GOM_NL__2PRFIN20100301_033033_000000462087_00190_41827_7257.N1 | 01-MAR-2010 03:30:33 | Bright | 46.000 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 92 | 41827 | No |

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|-----|--|----------------------|--------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20100301_033930_000000452087_00190_41827_7258.N1 | 01-MAR-2010 03:39:30 | Bright | 44.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 89 | 41827 | No |
| 44 | GOM_NL__2PRFIN20100301_034215_000000422087_00190_41827_7259.N1 | 01-MAR-2010 03:42:15 | Bright | 41.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 83 | 41827 | No |
| 45 | GOM_NL__2PRFIN20100301_034334_000000452087_00190_41827_7260.N1 | 01-MAR-2010 03:43:34 | Bright | 44.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 89 | 41827 | No |
| 46 | GOM_NL__2PRFIN20100301_035044_000000422087_00190_41827_7261.N1 | 01-MAR-2010 03:50:44 | Bright | 42.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 84 | 41827 | No |
| 47 | GOM_NL__2PRFIN20100301_035526_000000442087_00190_41827_7262.N1 | 01-MAR-2010 03:55:26 | Bright | 43.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 87 | 41827 | No |
| 48 | GOM_NL__2PRFIN20100301_035950_000000472087_00190_41827_7263.N1 | 01-MAR-2010 03:59:50 | Bright | 47.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 94 | 41827 | No |
| 49 | GOM_NL__2PRFIN20100301_040244_000000362087_00190_41827_7264.N1 | 01-MAR-2010 04:02:44 | Bright | 35.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 71 | 41827 | No |
| 50 | GOM_NL__2PRFIN20100301_040453_000000462087_00190_41827_7265.N1 | 01-MAR-2010 04:04:53 | Bright | 46.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 92 | 41827 | No |
| 51 | GOM_NL__2PRFIN20100301_041229_000000402087_00190_41827_7266.N1 | 01-MAR-2010 04:12:29 | Bright | 39.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 79 | 41827 | No |
| 52 | GOM_NL__2PRFIN20100301_042405_000000402087_00190_41827_7267.N1 | 01-MAR-2010 04:24:05 | Dark | 39.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 79 | 41827 | No |
| 53 | GOM_NL__2PRFIN20100301_042712_000000452087_00190_41827_7268.N1 | 01-MAR-2010 04:27:12 | Dark | 44.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 89 | 41827 | No |
| 54 | GOM_NL__2PRFIN20100301_043002_000000532087_00190_41827_7269.N1 | 01-MAR-2010 04:30:02 | Dark | 52.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 105 | 41827 | No |
| 55 | GOM_NL__2PRFIN20100301_043804_000000502087_00191_41828_7258.N1 | 01-MAR-2010 04:38:04 | Dark | 50.000 | 131 | Gam Lup | 2.8000 | 26000. | 100 | 41828 | No |
| 56 | GOM_NL__2PRFIN20100301_044021_000000442087_00191_41828_7259.N1 | 01-MAR-2010 04:40:21 | Dark | 44.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 88 | 41828 | No |
| 57 | GOM_NL__2PRFIN20100301_044139_000000432087_00191_41828_7260.N1 | 01-MAR-2010 04:41:39 | Dark | 42.500 | 10 | Bet Cen | 0.61000 | 28000. | 85 | 41828 | No |
| 58 | GOM_NL__2PRFIN20100301_044327_000000452087_00191_41828_7261.N1 | 01-MAR-2010 04:43:27 | Dark | 44.500 | 77 | Eps Cen | 2.3030 | 28000. | 89 | 41828 | No |
| 59 | GOM_NL__2PRFIN20100301_044516_000000452087_00191_41828_7262.N1 | 01-MAR-2010 04:45:16 | Dark | 45.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 90 | 41828 | No |
| 60 | GOM_NL__2PRFIN20100301_044641_000000452087_00191_41828_7263.N1 | 01-MAR-2010 04:46:41 | Dark | 44.500 | 64 | Gam Cen | 2.2000 | 10600. | 89 | 41828 | No |
| 61 | GOM_NL__2PRFIN20100301_050832_000000422087_00191_41828_7264.N1 | 01-MAR-2010 05:08:32 | Bright | 42.000 | 22 | 32Alp Leo | 1.3600 | 15200. | 84 | 41828 | No |
| 62 | GOM_NL__2PRFIN20100301_051109_000000462087_00191_41828_7265.N1 | 01-MAR-2010 05:11:09 | Bright | 45.500 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 91 | 41828 | No |
| 63 | GOM_NL__2PRFIN20100301_052006_000000472087_00191_41828_7266.N1 | 01-MAR-2010 05:20:06 | Bright | 46.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 93 | 41828 | No |
| 64 | GOM_NL__2PRFIN20100301_052250_000000422087_00191_41828_7267.N1 | 01-MAR-2010 05:22:50 | Bright | 42.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 84 | 41828 | No |
| 65 | GOM_NL__2PRFIN20100301_052410_000000492087_00191_41828_7268.N1 | 01-MAR-2010 05:24:10 | Bright | 48.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 97 | 41828 | No |
| 66 | GOM_NL__2PRFIN20100301_053120_000000422087_00191_41828_7269.N1 | 01-MAR-2010 05:31:20 | Bright | 42.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 84 | 41828 | No |
| 67 | GOM_NL__2PRFIN20100301_053602_000000482087_00191_41828_7270.N1 | 01-MAR-2010 05:36:02 | Bright | 47.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 95 | 41828 | No |
| 68 | GOM_NL__2PRFIN20100301_054025_000000482087_00191_41828_7271.N1 | 01-MAR-2010 05:40:25 | Bright | 48.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 96 | 41828 | No |
| 69 | GOM_NL__2PRFIN20100301_054320_000000352087_00191_41828_7272.N1 | 01-MAR-2010 05:43:20 | Bright | 35.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 70 | 41828 | No |
| 70 | GOM_NL__2PRFIN20100301_054529_000000442087_00191_41828_7273.N1 | 01-MAR-2010 05:45:29 | Bright | 44.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 88 | 41828 | No |
| 71 | GOM_NL__2PRFIN20100301_055305_000000532087_00191_41828_7274.N1 | 01-MAR-2010 05:53:05 | Bright | 52.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 105 | 41828 | No |
| 72 | GOM_NL__2PRFIN20100301_060442_000000452087_00191_41828_7275.N1 | 01-MAR-2010 06:04:42 | Dark | 44.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 89 | 41828 | No |
| 73 | GOM_NL__2PRFIN20100301_060748_000000462087_00191_41828_7276.N1 | 01-MAR-2010 06:07:48 | Dark | 46.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 92 | 41828 | No |
| 74 | GOM_NL__2PRFIN20100301_061039_000000482087_00191_41828_7277.N1 | 01-MAR-2010 06:10:39 | Dark | 48.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 96 | 41828 | No |
| 75 | GOM_NL__2PRFIN20100301_061246_000000522087_00191_41828_7278.N1 | 01-MAR-2010 06:12:46 | Dark | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 41828 | No |
| 76 | GOM_NL__2PRFIN20100301_061841_000000492087_00192_41829_7266.N1 | 01-MAR-2010 06:18:41 | Dark | 48.500 | 131 | Gam Lup | 2.8000 | 26000. | 97 | 41829 | No |
| 77 | GOM_NL__2PRFIN20100301_062057_000000442087_00192_41829_7267.N1 | 01-MAR-2010 06:20:57 | Dark | 44.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 88 | 41829 | No |
| 78 | GOM_NL__2PRFIN20100301_062216_000000422087_00192_41829_7268.N1 | 01-MAR-2010 06:22:16 | Dark | 41.500 | 10 | Bet Cen | 0.61000 | 28000. | 83 | 41829 | No |
| 79 | GOM_NL__2PRFIN20100301_062404_000000412087_00192_41829_7269.N1 | 01-MAR-2010 06:24:04 | Dark | 41.000 | 77 | Eps Cen | 2.3030 | 28000. | 82 | 41829 | No |
| 80 | GOM_NL__2PRFIN20100301_062552_000000472087_00192_41829_7270.N1 | 01-MAR-2010 06:25:52 | Dark | 47.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 94 | 41829 | No |
| 81 | GOM_NL__2PRFIN20100301_062717_000000452087_00192_41829_7271.N1 | 01-MAR-2010 06:27:17 | Dark | 44.500 | 64 | Gam Cen | 2.2000 | 10600. | 89 | 41829 | No |
| 82 | GOM_NL__2PRFIN20100301_064908_000000442087_00192_41829_7272.N1 | 01-MAR-2010 06:49:08 | Bright | 43.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 87 | 41829 | No |
| 83 | GOM_NL__2PRFIN20100301_065145_000000442087_00192_41829_7273.N1 | 01-MAR-2010 06:51:45 | Bright | 43.500 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 87 | 41829 | No |
| 84 | GOM_NL__2PRFIN20100301_070041_000000472087_00192_41829_7274.N1 | 01-MAR-2010 07:00:41 | Bright | 47.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 94 | 41829 | No |
| 85 | GOM_NL__2PRFIN20100301_070326_000000402087_00192_41829_7275.N1 | 01-MAR-2010 07:03:26 | Bright | 39.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 79 | 41829 | No |
| 86 | GOM_NL__2PRFIN20100301_070445_000000412087_00192_41829_7276.N1 | 01-MAR-2010 07:04:45 | Bright | 41.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 82 | 41829 | No |
| 87 | GOM_NL__2PRFIN20100301_071156_000000372087_00192_41829_7277.N1 | 01-MAR-2010 07:11:56 | Bright | 37.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 74 | 41829 | No |
| 88 | GOM_NL__2PRFIN20100301_071638_000000462087_00192_41829_7278.N1 | 01-MAR-2010 07:16:38 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 41829 | No |
| 89 | GOM_NL__2PRFIN20100301_072101_000000612087_00192_41829_7279.N1 | 01-MAR-2010 07:21:01 | Bright | 60.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 121 | 41829 | No |
| 90 | GOM_NL__2PRFIN20100301_072356_000000352087_00192_41829_7280.N1 | 01-MAR-2010 07:23:56 | Bright | 35.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 70 | 41829 | No |
| 91 | GOM_NL__2PRFIN20100301_072605_000000432087_00192_41829_7281.N1 | 01-MAR-2010 07:26:05 | Bright | 43.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 86 | 41829 | No |
| 92 | GOM_NL__2PRFIN20100301_073341_000000582087_00192_41829_7282.N1 | 01-MAR-2010 07:33:41 | Bright | 58.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 116 | 41829 | No |
| 93 | GOM_NL__2PRFIN20100301_074519_000000442087_00192_41829_7283.N1 | 01-MAR-2010 07:45:19 | Dark | 44.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 88 | 41829 | No |
| 94 | GOM_NL__2PRFIN20100301_074825_000000462087_00192_41829_7284.N1 | 01-MAR-2010 07:48:25 | Dark | 45.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 91 | 41829 | No |
| 95 | GOM_NL__2PRFIN20100301_075116_000000492087_00192_41829_7285.N1 | 01-MAR-2010 07:51:16 | Dark | 48.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 97 | 41829 | No |
| 96 | GOM_NL__2PRFIN20100301_075323_000000582087_00192_41829_7286.N1 | 01-MAR-2010 07:53:23 | Dark | 58.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 116 | 41829 | No |
| 97 | GOM_NL__2PRFIN20100301_075918_000000482087_00193_41830_7274.N1 | 01-MAR-2010 07:59:18 | Dark | 47.500 | 131 | Gam Lup | 2.8000 | 26000. | 95 | 41830 | No |
| 98 | GOM_NL__2PRFIN20100301_080133_000000432087_00193_41830_7275.N1 | 01-MAR-2010 08:01:33 | Dark | 43.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 86 | 41830 | No |
| 99 | GOM_NL__2PRFIN20100301_080253_000000412087_00193_41830_7276.N1 | 01-MAR-2010 08:02:53 | Dark | 40.500 | 10 | Bet Cen | 0.61000 | 28000. | 81 | 41830 | No |
| 100 | GOM_NL__2PRFIN20100301_080440_000000432087_00193_41830_7277.N1 | 01-MAR-2010 08:04:40 | Dark | 43.000 | 77 | Eps Cen | 2.3030 | 28000. | 86 | 41830 | No |
| 101 | GOM_NL__2PRFIN20100301_080629_000000462087_00193_41830_7278.N1 | 01-MAR-2010 08:06:29 | Dark | 46.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 92 | 41830 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|--------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20100301_080753_000000482087_00193_41830_7279.N1 | 01-MAR-2010 08:07:53 | Dark | 48.000 | 64 | Gam Cen | 2.2000 | 10600. | 96 | 41830 | No |
| 103 | GOM_NL__2PRFIN20100301_082943_000000442087_00193_41830_7280.N1 | 01-MAR-2010 08:29:43 | Bright | 44.000 | 22 | 32Alp Leo | 1.3600 | 15200. | 88 | 41830 | No |
| 104 | GOM_NL__2PRFIN20100301_083221_000000452087_00193_41830_7281.N1 | 01-MAR-2010 08:32:21 | Bright | 45.000 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 90 | 41830 | No |
| 105 | GOM_NL__2PRFIN20100301_084116_000000452087_00193_41830_7282.N1 | 01-MAR-2010 08:41:16 | Bright | 44.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 89 | 41830 | No |
| 106 | GOM_NL__2PRFIN20100301_084401_000000412087_00193_41830_7283.N1 | 01-MAR-2010 08:44:01 | Bright | 41.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 82 | 41830 | No |
| 107 | GOM_NL__2PRFIN20100301_084521_000000412087_00193_41830_7284.N1 | 01-MAR-2010 08:45:21 | Bright | 40.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 81 | 41830 | No |
| 108 | GOM_NL__2PRFIN20100301_085231_000000432087_00193_41830_7285.N1 | 01-MAR-2010 08:52:31 | Bright | 42.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 85 | 41830 | No |
| 109 | GOM_NL__2PRFIN20100301_085713_000000482087_00193_41830_7286.N1 | 01-MAR-2010 08:57:13 | Bright | 47.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 95 | 41830 | No |
| 110 | GOM_NL__2PRFIN20100301_090137_000000452087_00193_41830_7287.N1 | 01-MAR-2010 09:01:37 | Bright | 45.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 90 | 41830 | No |
| 111 | GOM_NL__2PRFIN20100301_090432_000000352087_00193_41830_7288.N1 | 01-MAR-2010 09:04:32 | Bright | 35.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 70 | 41830 | No |
| 112 | GOM_NL__2PRFIN20100301_090641_000000442087_00193_41830_7289.N1 | 01-MAR-2010 09:06:41 | Bright | 43.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 87 | 41830 | No |
| 113 | GOM_NL__2PRFIN20100301_091418_000000582087_00193_41830_7290.N1 | 01-MAR-2010 09:14:18 | Bright | 58.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 116 | 41830 | No |
| 114 | GOM_NL__2PRFIN20100301_092555_000000432087_00193_41830_7291.N1 | 01-MAR-2010 09:25:55 | Dark | 43.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 86 | 41830 | No |
| 115 | GOM_NL__2PRFIN20100301_092901_000000522087_00193_41830_7292.N1 | 01-MAR-2010 09:29:01 | Dark | 52.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 104 | 41830 | No |
| 116 | GOM_NL__2PRFIN20100301_093152_000000512087_00193_41830_7293.N1 | 01-MAR-2010 09:31:52 | Dark | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 41830 | No |
| 117 | GOM_NL__2PRFIN20100301_093400_000000532087_00193_41830_7294.N1 | 01-MAR-2010 09:34:00 | Dark | 52.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 105 | 41830 | No |
| 118 | GOM_NL__2PRFIN20100301_093955_000000492087_00194_41831_7282.N1 | 01-MAR-2010 09:39:55 | Dark | 49.000 | 131 | Gam Lup | 2.8000 | 26000. | 98 | 41831 | No |
| 119 | GOM_NL__2PRFIN20100301_094210_000000442087_00194_41831_7283.N1 | 01-MAR-2010 09:42:10 | Dark | 43.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 87 | 41831 | No |
| 120 | GOM_NL__2PRFIN20100301_094329_000000452087_00194_41831_7284.N1 | 01-MAR-2010 09:43:29 | Dark | 45.000 | 10 | Bet Cen | 0.61000 | 28000. | 90 | 41831 | No |
| 121 | GOM_NL__2PRFIN20100301_094517_000000452087_00194_41831_7285.N1 | 01-MAR-2010 09:45:17 | Dark | 45.000 | 77 | Eps Cen | 2.3030 | 28000. | 90 | 41831 | No |
| 122 | GOM_NL__2PRFIN20100301_094705_000000542087_00194_41831_7286.N1 | 01-MAR-2010 09:47:05 | Dark | 54.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 108 | 41831 | No |
| 123 | GOM_NL__2PRFIN20100301_094830_000000452087_00194_41831_7287.N1 | 01-MAR-2010 09:48:30 | Dark | 44.500 | 64 | Gam Cen | 2.2000 | 10600. | 89 | 41831 | No |
| 124 | GOM_NL__2PRFIN20100301_101019_000000452087_00194_41831_7288.N1 | 01-MAR-2010 10:10:19 | Bright | 45.000 | 22 | 32Alp Leo | 1.3600 | 15200. | 90 | 41831 | No |
| 125 | GOM_NL__2PRFIN20100301_101256_000000442087_00194_41831_7289.N1 | 01-MAR-2010 10:12:56 | Bright | 44.000 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 88 | 41831 | No |
| 126 | GOM_NL__2PRFIN20100301_102151_000000462087_00194_41831_7290.N1 | 01-MAR-2010 10:21:51 | Bright | 46.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 92 | 41831 | No |
| 127 | GOM_NL__2PRFIN20100301_102437_000000422087_00194_41831_7291.N1 | 01-MAR-2010 10:24:37 | Bright | 42.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 84 | 41831 | No |
| 128 | GOM_NL__2PRFIN20100301_102557_000000422087_00194_41831_7292.N1 | 01-MAR-2010 10:25:57 | Bright | 41.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 83 | 41831 | No |
| 129 | GOM_NL__2PRFIN20100301_103307_000000442087_00194_41831_7293.N1 | 01-MAR-2010 10:33:07 | Bright | 43.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 87 | 41831 | No |
| 130 | GOM_NL__2PRFIN20100301_103748_000000482087_00194_41831_7294.N1 | 01-MAR-2010 10:37:48 | Bright | 47.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 95 | 41831 | No |
| 131 | GOM_NL__2PRFIN20100301_104212_000000482087_00194_41831_7295.N1 | 01-MAR-2010 10:42:12 | Bright | 47.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 95 | 41831 | No |
| 132 | GOM_NL__2PRFIN20100301_104508_000000502087_00194_41831_7296.N1 | 01-MAR-2010 10:45:08 | Bright | 50.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 100 | 41831 | No |
| 133 | GOM_NL__2PRFIN20100301_104717_000000432087_00194_41831_7297.N1 | 01-MAR-2010 10:47:17 | Bright | 43.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 86 | 41831 | No |
| 134 | GOM_NL__2PRFIN20100301_105454_000000582087_00194_41831_7298.N1 | 01-MAR-2010 10:54:54 | Bright | 58.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 116 | 41831 | No |
| 135 | GOM_NL__2PRFIN20100301_110631_000000422087_00194_41831_7299.N1 | 01-MAR-2010 11:06:31 | Dark | 42.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 84 | 41831 | No |
| 136 | GOM_NL__2PRFIN20100301_110938_000000462087_00194_41831_7300.N1 | 01-MAR-2010 11:09:38 | Dark | 45.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 91 | 41831 | No |
| 137 | GOM_NL__2PRFIN20100301_111229_000000472087_00194_41831_7301.N1 | 01-MAR-2010 11:12:29 | Dark | 46.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 93 | 41831 | No |
| 138 | GOM_NL__2PRFIN20100301_111437_000000532087_00194_41831_7302.N1 | 01-MAR-2010 11:14:37 | Dark | 52.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 105 | 41831 | No |
| 139 | GOM_NL__2PRFIN20100301_112032_000000492087_00195_41832_7290.N1 | 01-MAR-2010 11:20:32 | Dark | 49.000 | 131 | Gam Lup | 2.8000 | 26000. | 98 | 41832 | No |
| 140 | GOM_NL__2PRFIN20100301_112246_000000512087_00195_41832_7291.N1 | 01-MAR-2010 11:22:46 | Dark | 50.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 101 | 41832 | No |
| 141 | GOM_NL__2PRFIN20100301_112406_000000502087_00195_41832_7292.N1 | 01-MAR-2010 11:24:06 | Dark | 49.500 | 10 | Bet Cen | 0.61000 | 28000. | 99 | 41832 | No |
| 142 | GOM_NL__2PRFIN20100301_112553_000000432087_00195_41832_7293.N1 | 01-MAR-2010 11:25:53 | Dark | 43.000 | 77 | Eps Cen | 2.3030 | 28000. | 86 | 41832 | No |
| 143 | GOM_NL__2PRFIN20100301_112742_000000502087_00195_41832_7294.N1 | 01-MAR-2010 11:27:42 | Dark | 49.500 | 26 | Gam Cru | 1.6240 | 2900.0 | 99 | 41832 | No |
| 144 | GOM_NL__2PRFIN20100301_112907_000000422087_00195_41832_7295.N1 | 01-MAR-2010 11:29:07 | Dark | 42.000 | 64 | Gam Cen | 2.2000 | 10600. | 84 | 41832 | No |
| 145 | GOM_NL__2PRFIN20100301_115055_000000452087_00195_41832_7296.N1 | 01-MAR-2010 11:50:55 | Bright | 44.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 89 | 41832 | No |
| 146 | GOM_NL__2PRFIN20100301_115332_000000452087_00195_41832_7297.N1 | 01-MAR-2010 11:53:32 | Bright | 45.000 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 90 | 41832 | No |
| 147 | GOM_NL__2PRFIN20100301_120227_000000452087_00195_41832_7298.N1 | 01-MAR-2010 12:02:27 | Bright | 44.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 89 | 41832 | No |
| 148 | GOM_NL__2PRFIN20100301_120512_000000422087_00195_41832_7299.N1 | 01-MAR-2010 12:05:12 | Bright | 42.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 84 | 41832 | No |
| 149 | GOM_NL__2PRFIN20100301_120632_000000592087_00195_41832_7300.N1 | 01-MAR-2010 12:06:32 | Bright | 59.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 118 | 41832 | No |
| 150 | GOM_NL__2PRFIN20100301_121342_000000402087_00195_41832_7301.N1 | 01-MAR-2010 12:13:42 | Bright | 39.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 79 | 41832 | No |
| 151 | GOM_NL__2PRFIN20100301_121824_000000432087_00195_41832_7302.N1 | 01-MAR-2010 12:18:24 | Bright | 43.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 86 | 41832 | No |
| 152 | GOM_NL__2PRFIN20100301_122248_000000482087_00195_41832_7303.N1 | 01-MAR-2010 12:22:48 | Bright | 47.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 95 | 41832 | No |
| 153 | GOM_NL__2PRFIN20100301_122544_000000542087_00195_41832_7304.N1 | 01-MAR-2010 12:25:44 | Bright | 54.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 108 | 41832 | No |
| 154 | GOM_NL__2PRFIN20100301_122753_000000422087_00195_41832_7305.N1 | 01-MAR-2010 12:27:53 | Bright | 41.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 83 | 41832 | No |
| 155 | GOM_NL__2PRFIN20100301_123530_000000392087_00195_41832_7306.N1 | 01-MAR-2010 12:35:30 | Bright | 39.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 78 | 41832 | No |
| 156 | GOM_NL__2PRFIN20100301_124518_000000432087_00195_41832_7307.N1 | 01-MAR-2010 12:45:18 | Dark | 42.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 85 | 41832 | No |
| 157 | GOM_NL__2PRFIN20100301_124708_000000432087_00195_41832_7308.N1 | 01-MAR-2010 12:47:08 | Dark | 42.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 85 | 41832 | No |
| 158 | GOM_NL__2PRFIN20100301_125014_000000452087_00195_41832_7309.N1 | 01-MAR-2010 12:50:14 | Dark | 44.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 89 | 41832 | No |
| 159 | GOM_NL__2PRFIN20100301_125306_000000482087_00195_41832_7310.N1 | 01-MAR-2010 12:53:06 | Dark | 48.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 96 | 41832 | No |
| 160 | GOM_NL__2PRFIN20100301_125514_000000532087_00195_41832_7311.N1 | 01-MAR-2010 12:55:14 | Dark | 53.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 106 | 41832 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|--------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20100301_130109_000000492087_00196_41833_7298.N1 | 01-MAR-2010 13:01:09 | Dark | 49.000 | 131 | Gam Lup | 2.8000 | 26000. | 98 | 41833 | No |
| 162 | GOM_NL__2PRFIN20100301_130323_000000572087_00196_41833_7299.N1 | 01-MAR-2010 13:03:23 | Dark | 57.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 114 | 41833 | No |
| 163 | GOM_NL__2PRFIN20100301_130442_000000422087_00196_41833_7300.N1 | 01-MAR-2010 13:04:42 | Dark | 41.500 | 10 | Bet Cen | 0.61000 | 28000. | 83 | 41833 | No |
| 164 | GOM_NL__2PRFIN20100301_130630_000000432087_00196_41833_7301.N1 | 01-MAR-2010 13:06:30 | Dark | 43.000 | 77 | Eps Cen | 2.3030 | 28000. | 86 | 41833 | No |
| 165 | GOM_NL__2PRFIN20100301_130818_000000452087_00196_41833_7302.N1 | 01-MAR-2010 13:08:18 | Dark | 44.500 | 26 | Gam Cru | 1.6240 | 2900.0 | 89 | 41833 | No |
| 166 | GOM_NL__2PRFIN20100301_130943_000000462087_00196_41833_7303.N1 | 01-MAR-2010 13:09:43 | Dark | 45.500 | 64 | Gam Cen | 2.2000 | 10600. | 91 | 41833 | No |
| 167 | GOM_NL__2PRFIN20100301_133130_000000422087_00196_41833_7304.N1 | 01-MAR-2010 13:31:30 | Bright | 42.000 | 22 | 32Alp Leo | 1.3600 | 15200. | 84 | 41833 | No |
| 168 | GOM_NL__2PRFIN20100301_133407_000000442087_00196_41833_7305.N1 | 01-MAR-2010 13:34:07 | Bright | 44.000 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 88 | 41833 | No |
| 169 | GOM_NL__2PRFIN20100301_134302_000000472087_00196_41833_7306.N1 | 01-MAR-2010 13:43:02 | Bright | 47.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 94 | 41833 | No |
| 170 | GOM_NL__2PRFIN20100301_134548_000000422087_00196_41833_7307.N1 | 01-MAR-2010 13:45:48 | Bright | 42.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 84 | 41833 | No |
| 171 | GOM_NL__2PRFIN20100301_134708_000000592087_00196_41833_7308.N1 | 01-MAR-2010 13:47:08 | Bright | 59.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 118 | 41833 | No |
| 172 | GOM_NL__2PRFIN20100301_135418_000000392087_00196_41833_7309.N1 | 01-MAR-2010 13:54:18 | Bright | 39.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 78 | 41833 | No |
| 173 | GOM_NL__2PRFIN20100301_135900_000000492087_00196_41833_7310.N1 | 01-MAR-2010 13:59:00 | Bright | 48.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 97 | 41833 | No |
| 174 | GOM_NL__2PRFIN20100301_140324_000000482087_00196_41833_7311.N1 | 01-MAR-2010 14:03:24 | Bright | 48.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 96 | 41833 | No |
| 175 | GOM_NL__2PRFIN20100301_140620_000000362087_00196_41833_7312.N1 | 01-MAR-2010 14:06:20 | Bright | 36.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 72 | 41833 | No |
| 176 | GOM_NL__2PRFIN20100301_140829_000000422087_00196_41833_7313.N1 | 01-MAR-2010 14:08:29 | Bright | 41.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 83 | 41833 | No |
| 177 | GOM_NL__2PRFIN20100301_141607_000000382087_00196_41833_7314.N1 | 01-MAR-2010 14:16:07 | Bright | 38.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 76 | 41833 | No |
| 178 | GOM_NL__2PRFIN20100301_142555_000000422087_00196_41833_7315.N1 | 01-MAR-2010 14:25:55 | Dark | 41.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 83 | 41833 | No |
| 179 | GOM_NL__2PRFIN20100301_142744_000000422087_00196_41833_7316.N1 | 01-MAR-2010 14:27:44 | Dark | 41.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 83 | 41833 | No |
| 180 | GOM_NL__2PRFIN20100301_143051_000000512087_00196_41833_7317.N1 | 01-MAR-2010 14:30:51 | Dark | 50.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 101 | 41833 | No |
| 181 | GOM_NL__2PRFIN20100301_143343_000000442087_00196_41833_7318.N1 | 01-MAR-2010 14:33:43 | Dark | 44.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 88 | 41833 | No |
| 182 | GOM_NL__2PRFIN20100301_143551_000000522087_00196_41833_7319.N1 | 01-MAR-2010 14:35:51 | Dark | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 41833 | No |
| 183 | GOM_NL__2PRFIN20100301_144146_000000522087_00197_41834_7306.N1 | 01-MAR-2010 14:41:46 | Dark | 52.000 | 131 | Gam Lup | 2.8000 | 26000. | 104 | 41834 | No |
| 184 | GOM_NL__2PRFIN20100301_144400_000000572087_00197_41834_7307.N1 | 01-MAR-2010 14:44:00 | Dark | 57.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 114 | 41834 | No |
| 185 | GOM_NL__2PRFIN20100301_144518_000000532087_00197_41834_7308.N1 | 01-MAR-2010 14:45:18 | Dark | 52.500 | 10 | Bet Cen | 0.61000 | 28000. | 105 | 41834 | No |
| 186 | GOM_NL__2PRFIN20100301_144707_000000432087_00197_41834_7309.N1 | 01-MAR-2010 14:47:07 | Dark | 42.500 | 77 | Eps Cen | 2.3030 | 28000. | 85 | 41834 | No |
| 187 | GOM_NL__2PRFIN20100301_144855_000000522087_00197_41834_7310.N1 | 01-MAR-2010 14:48:55 | Dark | 51.500 | 26 | Gam Cru | 1.6240 | 2900.0 | 103 | 41834 | No |
| 188 | GOM_NL__2PRFIN20100301_145020_000000432087_00197_41834_7311.N1 | 01-MAR-2010 14:50:20 | Dark | 42.500 | 64 | Gam Cen | 2.2000 | 10600. | 85 | 41834 | No |
| 189 | GOM_NL__2PRFIN20100301_151206_000000432087_00197_41834_7312.N1 | 01-MAR-2010 15:12:06 | Bright | 42.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 85 | 41834 | No |
| 190 | GOM_NL__2PRFIN20100301_151443_000000442087_00197_41834_7313.N1 | 01-MAR-2010 15:14:43 | Bright | 43.500 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 87 | 41834 | No |
| 191 | GOM_NL__2PRFIN20100301_152337_000000442087_00197_41834_7314.N1 | 01-MAR-2010 15:23:37 | Bright | 44.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 88 | 41834 | No |
| 192 | GOM_NL__2PRFIN20100301_152623_000000422087_00197_41834_7315.N1 | 01-MAR-2010 15:26:23 | Bright | 41.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 83 | 41834 | No |
| 193 | GOM_NL__2PRFIN20100301_152743_000000422087_00197_41834_7316.N1 | 01-MAR-2010 15:27:43 | Bright | 42.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 84 | 41834 | No |
| 194 | GOM_NL__2PRFIN20100301_153453_000000432087_00197_41834_7317.N1 | 01-MAR-2010 15:34:53 | Bright | 42.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 85 | 41834 | No |
| 195 | GOM_NL__2PRFIN20100301_153935_000000482087_00197_41834_7318.N1 | 01-MAR-2010 15:39:35 | Bright | 47.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 95 | 41834 | No |
| 196 | GOM_NL__2PRFIN20100301_154359_000000462087_00197_41834_7319.N1 | 01-MAR-2010 15:43:59 | Bright | 46.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 92 | 41834 | No |
| 197 | GOM_NL__2PRFIN20100301_154656_000000382087_00197_41834_7320.N1 | 01-MAR-2010 15:46:56 | Bright | 37.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 75 | 41834 | No |
| 198 | GOM_NL__2PRFIN20100301_154905_000000442087_00197_41834_7321.N1 | 01-MAR-2010 15:49:05 | Bright | 44.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 88 | 41834 | No |
| 199 | GOM_NL__2PRFIN20100301_155643_000000392087_00197_41834_7322.N1 | 01-MAR-2010 15:56:43 | Bright | 38.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 77 | 41834 | No |
| 200 | GOM_NL__2PRFIN20100301_160631_000000412087_00197_41834_7323.N1 | 01-MAR-2010 16:06:31 | Dark | 41.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 82 | 41834 | No |
| 201 | GOM_NL__2PRFIN20100301_160821_000000422087_00197_41834_7324.N1 | 01-MAR-2010 16:08:21 | Dark | 42.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 84 | 41834 | No |
| 202 | GOM_NL__2PRFIN20100301_161128_000000462087_00197_41834_7325.N1 | 01-MAR-2010 16:11:28 | Dark | 46.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 92 | 41834 | No |
| 203 | GOM_NL__2PRFIN20100301_161420_000000502087_00197_41834_7326.N1 | 01-MAR-2010 16:14:20 | Dark | 49.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 99 | 41834 | No |
| 204 | GOM_NL__2PRFIN20100301_161628_000000632087_00197_41834_7327.N1 | 01-MAR-2010 16:16:28 | Dark | 63.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 126 | 41834 | No |
| 205 | GOM_NL__2PRFIN20100301_162223_000000512087_00198_41835_7314.N1 | 01-MAR-2010 16:22:23 | Dark | 50.500 | 131 | Gam Lup | 2.8000 | 26000. | 101 | 41835 | No |
| 206 | GOM_NL__2PRFIN20100301_162436_000000432087_00198_41835_7315.N1 | 01-MAR-2010 16:24:36 | Dark | 42.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 85 | 41835 | No |
| 207 | GOM_NL__2PRFIN20100301_162555_000000432087_00198_41835_7316.N1 | 01-MAR-2010 16:25:55 | Dark | 43.000 | 10 | Bet Cen | 0.61000 | 28000. | 86 | 41835 | No |
| 208 | GOM_NL__2PRFIN20100301_162743_000000452087_00198_41835_7317.N1 | 01-MAR-2010 16:27:43 | Dark | 44.500 | 77 | Eps Cen | 2.3030 | 28000. | 89 | 41835 | No |
| 209 | GOM_NL__2PRFIN20100301_162931_000000572087_00198_41835_7318.N1 | 01-MAR-2010 16:29:31 | Dark | 57.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 114 | 41835 | No |
| 210 | GOM_NL__2PRFIN20100301_163056_000000432087_00198_41835_7319.N1 | 01-MAR-2010 16:30:56 | Dark | 43.000 | 64 | Gam Cen | 2.2000 | 10600. | 86 | 41835 | No |
| 211 | GOM_NL__2PRFIN20100301_165242_000000432087_00198_41835_7320.N1 | 01-MAR-2010 16:52:42 | Bright | 42.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 85 | 41835 | No |
| 212 | GOM_NL__2PRFIN20100301_165519_000000452087_00198_41835_7321.N1 | 01-MAR-2010 16:55:19 | Bright | 45.000 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 90 | 41835 | No |
| 213 | GOM_NL__2PRFIN20100301_170413_000000462087_00198_41835_7322.N1 | 01-MAR-2010 17:04:13 | Bright | 45.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 91 | 41835 | No |
| 214 | GOM_NL__2PRFIN20100301_170658_000000602087_00198_41835_7323.N1 | 01-MAR-2010 17:06:58 | Bright | 60.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 120 | 41835 | No |
| 215 | GOM_NL__2PRFIN20100301_170819_000000422087_00198_41835_7324.N1 | 01-MAR-2010 17:08:19 | Bright | 42.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 84 | 41835 | No |
| 216 | GOM_NL__2PRFIN20100301_171529_000000562087_00198_41835_7325.N1 | 01-MAR-2010 17:15:29 | Bright | 56.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 112 | 41835 | No |
| 217 | GOM_NL__2PRFIN20100301_172010_000000432087_00198_41835_7326.N1 | 01-MAR-2010 17:20:10 | Bright | 42.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 85 | 41835 | No |
| 218 | GOM_NL__2PRFIN20100301_172435_000000482087_00198_41835_7327.N1 | 01-MAR-2010 17:24:35 | Bright | 48.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 96 | 41835 | No |
| 219 | GOM_NL__2PRFIN20100301_172732_000000522087_00198_41835_7328.N1 | 01-MAR-2010 17:27:32 | Bright | 51.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 103 | 41835 | No |

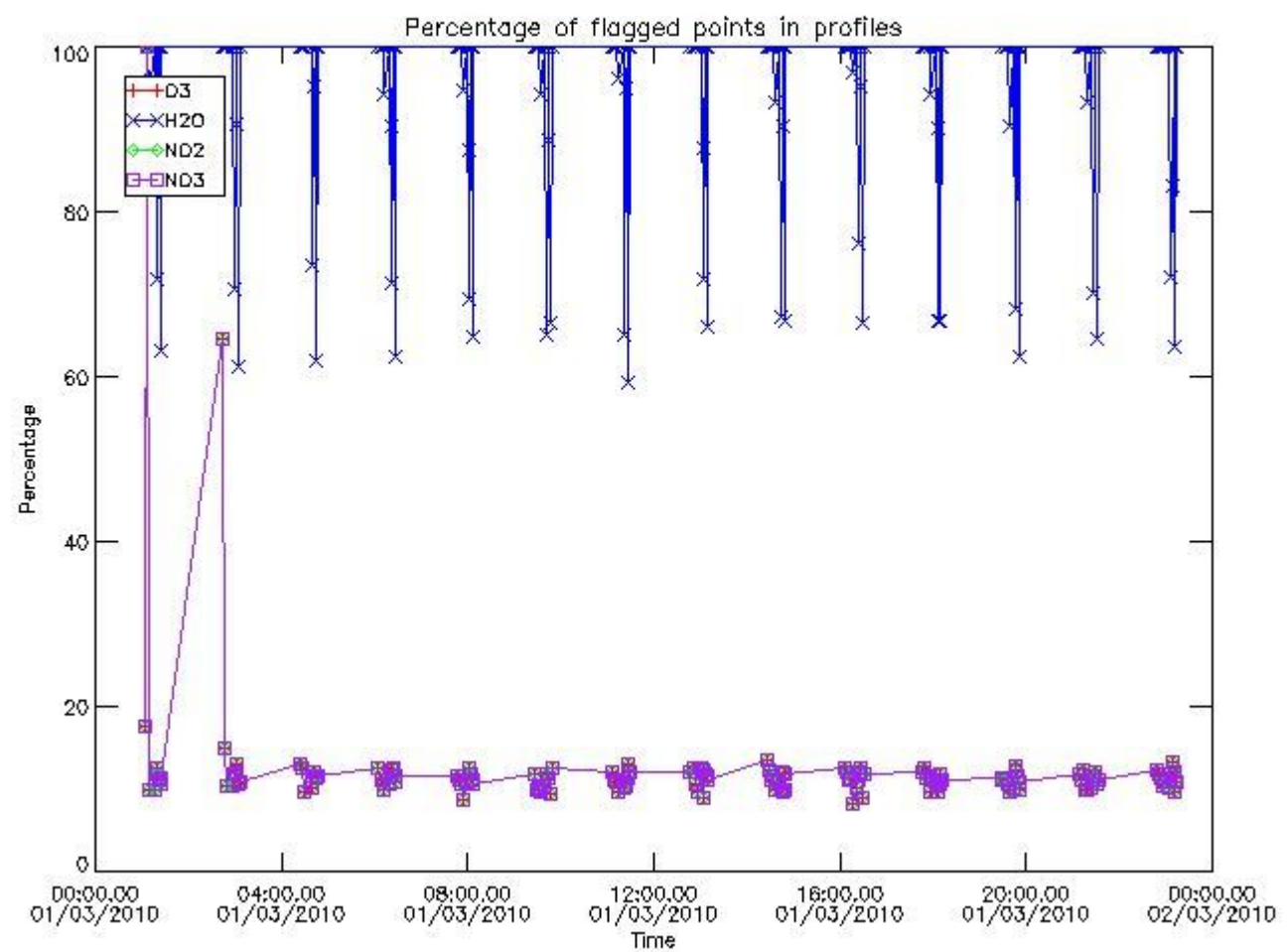
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|-----|--|----------------------|--------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20100301_172941_000000412087_00198_41835_7329.N1 | 01-MAR-2010 17:29:41 | Bright | 41.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 82 | 41835 | No |
| 221 | GOM_NL__2PRFIN20100301_173719_000000582087_00198_41835_7330.N1 | 01-MAR-2010 17:37:19 | Bright | 58.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 116 | 41835 | No |
| 222 | GOM_NL__2PRFIN20100301_174708_000000422087_00198_41835_7331.N1 | 01-MAR-2010 17:47:08 | Dark | 42.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 84 | 41835 | No |
| 223 | GOM_NL__2PRFIN20100301_174857_000000412087_00198_41835_7332.N1 | 01-MAR-2010 17:48:57 | Dark | 40.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 81 | 41835 | No |
| 224 | GOM_NL__2PRFIN20100301_175204_000000452087_00198_41835_7333.N1 | 01-MAR-2010 17:52:04 | Dark | 45.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 90 | 41835 | No |
| 225 | GOM_NL__2PRFIN20100301_175457_000000452087_00198_41835_7334.N1 | 01-MAR-2010 17:54:57 | Dark | 44.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 89 | 41835 | No |
| 226 | GOM_NL__2PRFIN20100301_175706_000000532087_00198_41835_7335.N1 | 01-MAR-2010 17:57:06 | Dark | 52.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 105 | 41835 | No |
| 227 | GOM_NL__2PRFIN20100301_180301_000000492087_00199_41836_7372.N1 | 01-MAR-2010 18:03:01 | Dark | 49.000 | 131 | Gam Lup | 2.8000 | 26000. | 98 | 41836 | No |
| 228 | GOM_NL__2PRFIN20100301_180513_000000532087_00199_41836_7373.N1 | 01-MAR-2010 18:05:13 | Dark | 53.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 106 | 41836 | No |
| 229 | GOM_NL__2PRFIN20100301_180632_000000472087_00199_41836_7374.N1 | 01-MAR-2010 18:06:32 | Dark | 46.500 | 10 | Bet Cen | 0.61000 | 28000. | 93 | 41836 | No |
| 230 | GOM_NL__2PRFIN20100301_180820_000000432087_00199_41836_7375.N1 | 01-MAR-2010 18:08:20 | Dark | 43.000 | 77 | Eps Cen | 2.3030 | 28000. | 86 | 41836 | No |
| 231 | GOM_NL__2PRFIN20100301_181008_000000492087_00199_41836_7376.N1 | 01-MAR-2010 18:10:08 | Dark | 48.500 | 26 | Gam Cru | 1.6240 | 2900.0 | 97 | 41836 | No |
| 232 | GOM_NL__2PRFIN20100301_181133_000000462087_00199_41836_7377.N1 | 01-MAR-2010 18:11:33 | Dark | 45.500 | 64 | Gam Cen | 2.2000 | 10600. | 91 | 41836 | No |
| 233 | GOM_NL__2PRFIN20100301_183318_000000442087_00199_41836_7378.N1 | 01-MAR-2010 18:33:18 | Bright | 43.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 87 | 41836 | No |
| 234 | GOM_NL__2PRFIN20100301_183554_000000442087_00199_41836_7379.N1 | 01-MAR-2010 18:35:54 | Bright | 44.000 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 88 | 41836 | No |
| 235 | GOM_NL__2PRFIN20100301_184448_000000452087_00199_41836_7380.N1 | 01-MAR-2010 18:44:48 | Bright | 45.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 90 | 41836 | No |
| 236 | GOM_NL__2PRFIN20100301_184734_000000592087_00199_41836_7381.N1 | 01-MAR-2010 18:47:34 | Bright | 58.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 117 | 41836 | No |
| 237 | GOM_NL__2PRFIN20100301_184854_000000442087_00199_41836_7382.N1 | 01-MAR-2010 18:48:54 | Bright | 43.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 87 | 41836 | No |
| 238 | GOM_NL__2PRFIN20100301_185605_000000422087_00199_41836_7383.N1 | 01-MAR-2010 18:56:05 | Bright | 41.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 83 | 41836 | No |
| 239 | GOM_NL__2PRFIN20100301_190046_000000482087_00199_41836_7384.N1 | 01-MAR-2010 19:00:46 | Bright | 48.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 96 | 41836 | No |
| 240 | GOM_NL__2PRFIN20100301_190511_000000522087_00199_41836_7385.N1 | 01-MAR-2010 19:05:11 | Bright | 52.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 104 | 41836 | No |
| 241 | GOM_NL__2PRFIN20100301_190808_000000352087_00199_41836_7386.N1 | 01-MAR-2010 19:08:08 | Bright | 35.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 70 | 41836 | No |
| 242 | GOM_NL__2PRFIN20100301_191017_000000442087_00199_41836_7387.N1 | 01-MAR-2010 19:10:17 | Bright | 43.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 87 | 41836 | No |
| 243 | GOM_NL__2PRFIN20100301_191755_000000402087_00199_41836_7388.N1 | 01-MAR-2010 19:17:55 | Bright | 39.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 79 | 41836 | No |
| 244 | GOM_NL__2PRFIN20100301_192744_000000452087_00199_41836_7389.N1 | 01-MAR-2010 19:27:44 | Dark | 45.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 90 | 41836 | No |
| 245 | GOM_NL__2PRFIN20100301_192934_000000462087_00199_41836_7390.N1 | 01-MAR-2010 19:29:34 | Dark | 45.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 91 | 41836 | No |
| 246 | GOM_NL__2PRFIN20100301_193241_000000452087_00199_41836_7391.N1 | 01-MAR-2010 19:32:41 | Dark | 45.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 90 | 41836 | No |
| 247 | GOM_NL__2PRFIN20100301_193533_000000492087_00199_41836_7392.N1 | 01-MAR-2010 19:35:33 | Dark | 48.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 97 | 41836 | No |
| 248 | GOM_NL__2PRFIN20100301_193743_000000532087_00199_41836_7393.N1 | 01-MAR-2010 19:37:43 | Dark | 52.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 105 | 41836 | No |
| 249 | GOM_NL__2PRFIN20100301_194338_000000512087_00200_41837_7380.N1 | 01-MAR-2010 19:43:38 | Dark | 50.500 | 131 | Gam Lup | 2.8000 | 26000. | 101 | 41837 | No |
| 250 | GOM_NL__2PRFIN20100301_194549_000000462087_00200_41837_7381.N1 | 01-MAR-2010 19:45:49 | Dark | 46.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 92 | 41837 | No |
| 251 | GOM_NL__2PRFIN20100301_194708_000000442087_00200_41837_7382.N1 | 01-MAR-2010 19:47:08 | Dark | 44.000 | 10 | Bet Cen | 0.61000 | 28000. | 88 | 41837 | No |
| 252 | GOM_NL__2PRFIN20100301_194857_000000442087_00200_41837_7383.N1 | 01-MAR-2010 19:48:57 | Dark | 44.000 | 77 | Eps Cen | 2.3030 | 28000. | 88 | 41837 | No |
| 253 | GOM_NL__2PRFIN20100301_195044_000000512087_00200_41837_7384.N1 | 01-MAR-2010 19:50:44 | Dark | 51.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 102 | 41837 | No |
| 254 | GOM_NL__2PRFIN20100301_195210_000000472087_00200_41837_7385.N1 | 01-MAR-2010 19:52:10 | Dark | 47.000 | 64 | Gam Cen | 2.2000 | 10600. | 94 | 41837 | No |
| 255 | GOM_NL__2PRFIN20100301_201353_000000442087_00200_41837_7386.N1 | 01-MAR-2010 20:13:53 | Bright | 44.000 | 22 | 32Alp Leo | 1.3600 | 15200. | 88 | 41837 | No |
| 256 | GOM_NL__2PRFIN20100301_201630_000000472087_00200_41837_7387.N1 | 01-MAR-2010 20:16:30 | Bright | 46.500 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 93 | 41837 | No |
| 257 | GOM_NL__2PRFIN20100301_202523_000000432087_00200_41837_7388.N1 | 01-MAR-2010 20:25:23 | Bright | 43.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 86 | 41837 | No |
| 258 | GOM_NL__2PRFIN20100301_202809_000000412087_00200_41837_7389.N1 | 01-MAR-2010 20:28:09 | Bright | 41.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 82 | 41837 | No |
| 259 | GOM_NL__2PRFIN20100301_202930_000000412087_00200_41837_7390.N1 | 01-MAR-2010 20:29:30 | Bright | 40.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 81 | 41837 | No |
| 260 | GOM_NL__2PRFIN20100301_203640_000000392087_00200_41837_7391.N1 | 01-MAR-2010 20:36:40 | Bright | 38.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 77 | 41837 | No |
| 261 | GOM_NL__2PRFIN20100301_204121_000000442087_00200_41837_7392.N1 | 01-MAR-2010 20:41:21 | Bright | 44.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 88 | 41837 | No |
| 262 | GOM_NL__2PRFIN20100301_204546_000000442087_00200_41837_7393.N1 | 01-MAR-2010 20:45:46 | Bright | 43.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 87 | 41837 | No |
| 263 | GOM_NL__2PRFIN20100301_204844_000000362087_00200_41837_7394.N1 | 01-MAR-2010 20:48:44 | Bright | 35.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 71 | 41837 | No |
| 264 | GOM_NL__2PRFIN20100301_205053_000000472087_00200_41837_7395.N1 | 01-MAR-2010 20:50:53 | Bright | 46.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 93 | 41837 | No |
| 265 | GOM_NL__2PRFIN20100301_205832_000000562087_00200_41837_7396.N1 | 01-MAR-2010 20:58:32 | Bright | 56.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 112 | 41837 | No |
| 266 | GOM_NL__2PRFIN20100301_210821_000000432087_00200_41837_7397.N1 | 01-MAR-2010 21:08:21 | Dark | 43.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 86 | 41837 | No |
| 267 | GOM_NL__2PRFIN20100301_211010_000000462087_00200_41837_7398.N1 | 01-MAR-2010 21:10:10 | Dark | 45.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 91 | 41837 | No |
| 268 | GOM_NL__2PRFIN20100301_211317_000000422087_00200_41837_7399.N1 | 01-MAR-2010 21:13:17 | Dark | 41.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 83 | 41837 | No |
| 269 | GOM_NL__2PRFIN20100301_211610_000000512087_00200_41837_7400.N1 | 01-MAR-2010 21:16:10 | Dark | 51.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 102 | 41837 | No |
| 270 | GOM_NL__2PRFIN20100301_211820_000000522087_00200_41837_7401.N1 | 01-MAR-2010 21:18:20 | Dark | 52.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 104 | 41837 | No |
| 271 | GOM_NL__2PRFIN20100301_212415_000000512087_00201_41838_7383.N1 | 01-MAR-2010 21:24:15 | Dark | 50.500 | 131 | Gam Lup | 2.8000 | 26000. | 101 | 41838 | No |
| 272 | GOM_NL__2PRFIN20100301_212626_000000462087_00201_41838_7384.N1 | 01-MAR-2010 21:26:26 | Dark | 45.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 91 | 41838 | No |
| 273 | GOM_NL__2PRFIN20100301_212745_000000442087_00201_41838_7385.N1 | 01-MAR-2010 21:27:45 | Dark | 44.000 | 10 | Bet Cen | 0.61000 | 28000. | 88 | 41838 | No |
| 274 | GOM_NL__2PRFIN20100301_212933_000000432087_00201_41838_7386.N1 | 01-MAR-2010 21:29:33 | Dark | 42.500 | 77 | Eps Cen | 2.3030 | 28000. | 85 | 41838 | No |
| 275 | GOM_NL__2PRFIN20100301_213120_000000572087_00201_41838_7387.N1 | 01-MAR-2010 21:31:20 | Dark | 57.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 114 | 41838 | No |
| 276 | GOM_NL__2PRFIN20100301_213246_000000502087_00201_41838_7388.N1 | 01-MAR-2010 21:32:46 | Dark | 50.000 | 64 | Gam Cen | 2.2000 | 10600. | 100 | 41838 | No |
| 277 | GOM_NL__2PRFIN20100301_215429_000000452087_00201_41838_7389.N1 | 01-MAR-2010 21:54:29 | Bright | 44.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 89 | 41838 | No |
| 278 | GOM_NL__2PRFIN20100301_215705_000000452087_00201_41838_7390.N1 | 01-MAR-2010 21:57:05 | Bright | 45.000 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 90 | 41838 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|--------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 279 | GOM_NL__2PRFIN20100301_220559_000000462087_00201_41838_7391.N1 | 01-MAR-2010 22:05:59 | Bright | 45.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 91 | 41838 | No |
| 280 | GOM_NL__2PRFIN20100301_220845_000000422087_00201_41838_7392.N1 | 01-MAR-2010 22:08:45 | Bright | 41.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 83 | 41838 | No |
| 281 | GOM_NL__2PRFIN20100301_221005_000000442087_00201_41838_7393.N1 | 01-MAR-2010 22:10:05 | Bright | 43.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 87 | 41838 | No |
| 282 | GOM_NL__2PRFIN20100301_221716_000000402087_00201_41838_7394.N1 | 01-MAR-2010 22:17:16 | Bright | 40.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 80 | 41838 | No |
| 283 | GOM_NL__2PRFIN20100301_222157_000000432087_00201_41838_7395.N1 | 01-MAR-2010 22:21:57 | Bright | 43.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 86 | 41838 | No |
| 284 | GOM_NL__2PRFIN20100301_222622_000000462087_00201_41838_7396.N1 | 01-MAR-2010 22:26:22 | Bright | 45.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 91 | 41838 | No |
| 285 | GOM_NL__2PRFIN20100301_222920_000000372087_00201_41838_7397.N1 | 01-MAR-2010 22:29:20 | Bright | 36.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 73 | 41838 | No |
| 286 | GOM_NL__2PRFIN20100301_223129_000000442087_00201_41838_7398.N1 | 01-MAR-2010 22:31:29 | Bright | 43.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 87 | 41838 | No |
| 287 | GOM_NL__2PRFIN20100301_224857_000000422087_00201_41838_7399.N1 | 01-MAR-2010 22:48:57 | Dark | 41.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 83 | 41838 | No |
| 288 | GOM_NL__2PRFIN20100301_225046_000000442087_00201_41838_7400.N1 | 01-MAR-2010 22:50:46 | Dark | 43.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 87 | 41838 | No |
| 289 | GOM_NL__2PRFIN20100301_225354_000000452087_00201_41838_7401.N1 | 01-MAR-2010 22:53:54 | Dark | 45.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 90 | 41838 | No |
| 290 | GOM_NL__2PRFIN20100301_225647_000000542087_00201_41838_7402.N1 | 01-MAR-2010 22:56:47 | Dark | 53.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 107 | 41838 | No |
| 291 | GOM_NL__2PRFIN20100301_225857_000000522087_00201_41838_7403.N1 | 01-MAR-2010 22:58:57 | Dark | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 41838 | No |
| 292 | GOM_NL__2PRFIN20100301_230452_000000512087_00202_41839_7392.N1 | 01-MAR-2010 23:04:52 | Dark | 50.500 | 131 | Gam Lup | 2.8000 | 26000. | 101 | 41839 | No |
| 293 | GOM_NL__2PRFIN20100301_230702_000000442087_00202_41839_7393.N1 | 01-MAR-2010 23:07:02 | Dark | 43.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 87 | 41839 | No |
| 294 | GOM_NL__2PRFIN20100301_230821_000000422087_00202_41839_7394.N1 | 01-MAR-2010 23:08:21 | Dark | 42.000 | 10 | Bet Cen | 0.61000 | 28000. | 84 | 41839 | No |
| 295 | GOM_NL__2PRFIN20100301_231010_000000422087_00202_41839_7395.N1 | 01-MAR-2010 23:10:10 | Dark | 42.000 | 77 | Eps Cen | 2.3030 | 28000. | 84 | 41839 | No |
| 296 | GOM_NL__2PRFIN20100301_231157_000000532087_00202_41839_7396.N1 | 01-MAR-2010 23:11:57 | Dark | 52.500 | 26 | Gam Cru | 1.6240 | 2900.0 | 105 | 41839 | No |
| 297 | GOM_NL__2PRFIN20100301_231322_000000472087_00202_41839_7397.N1 | 01-MAR-2010 23:13:22 | Dark | 46.500 | 64 | Gam Cen | 2.2000 | 10600. | 93 | 41839 | No |
| 298 | GOM_NL__2PRFIN20100301_233505_000000452087_00202_41839_7398.N1 | 01-MAR-2010 23:35:05 | Bright | 44.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 89 | 41839 | No |
| 299 | GOM_NL__2PRFIN20100301_233741_000000452087_00202_41839_7399.N1 | 01-MAR-2010 23:37:41 | Bright | 44.500 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 89 | 41839 | No |
| 300 | GOM_NL__2PRFIN20100301_234634_000000442087_00202_41839_7400.N1 | 01-MAR-2010 23:46:34 | Bright | 43.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 87 | 41839 | No |
| 301 | GOM_NL__2PRFIN20100301_234920_000000422087_00202_41839_7401.N1 | 01-MAR-2010 23:49:20 | Bright | 41.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 83 | 41839 | No |
| 302 | GOM_NL__2PRFIN20100301_235041_000000442087_00202_41839_7402.N1 | 01-MAR-2010 23:50:41 | Bright | 43.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 87 | 41839 | No |
| 303 | GOM_NL__2PRFIN20100301_235751_000000422087_00202_41839_7403.N1 | 01-MAR-2010 23:57:51 | Bright | 42.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 84 | 41839 | No |

3. Quality information per product

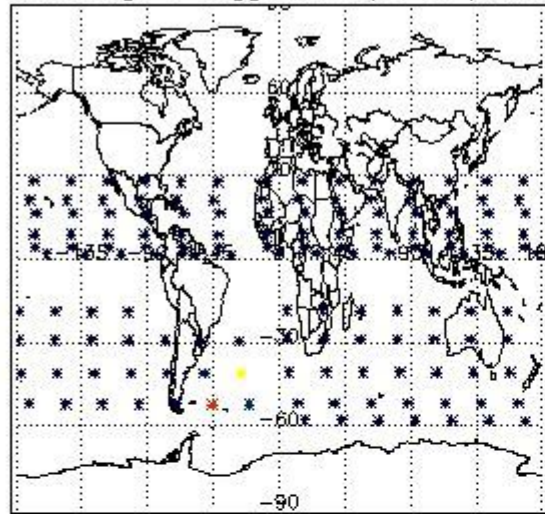
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

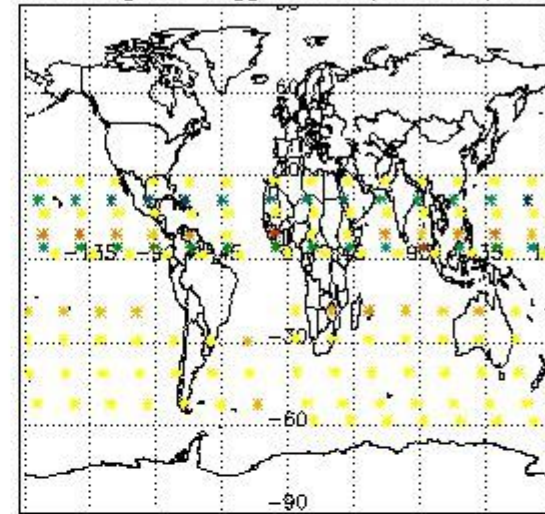


3.2 Plot quality information per product (world map)

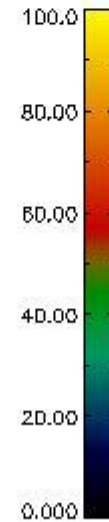
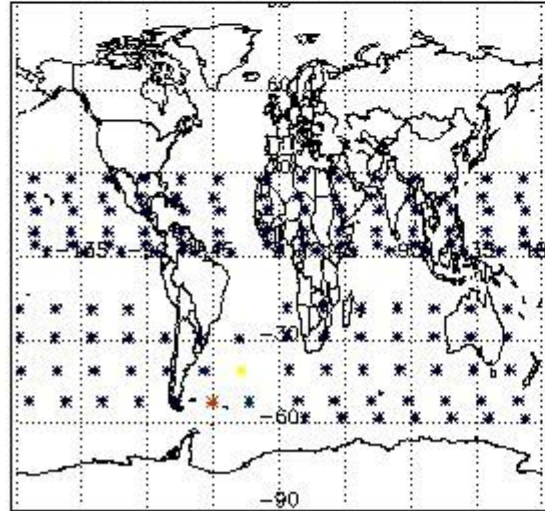
Percentage of flagged data per O3 profile



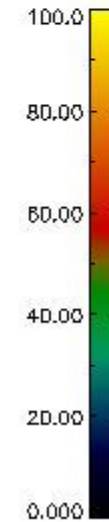
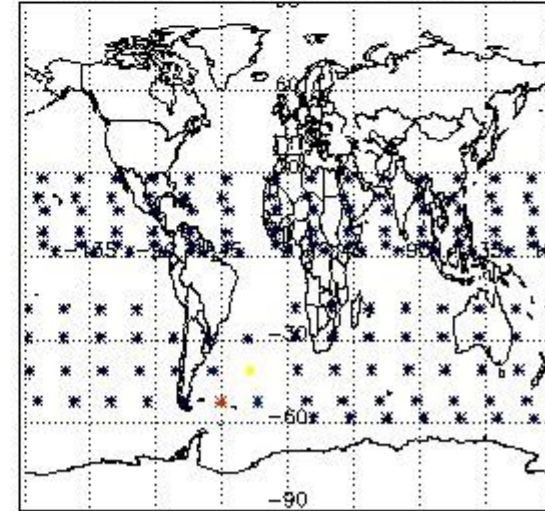
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

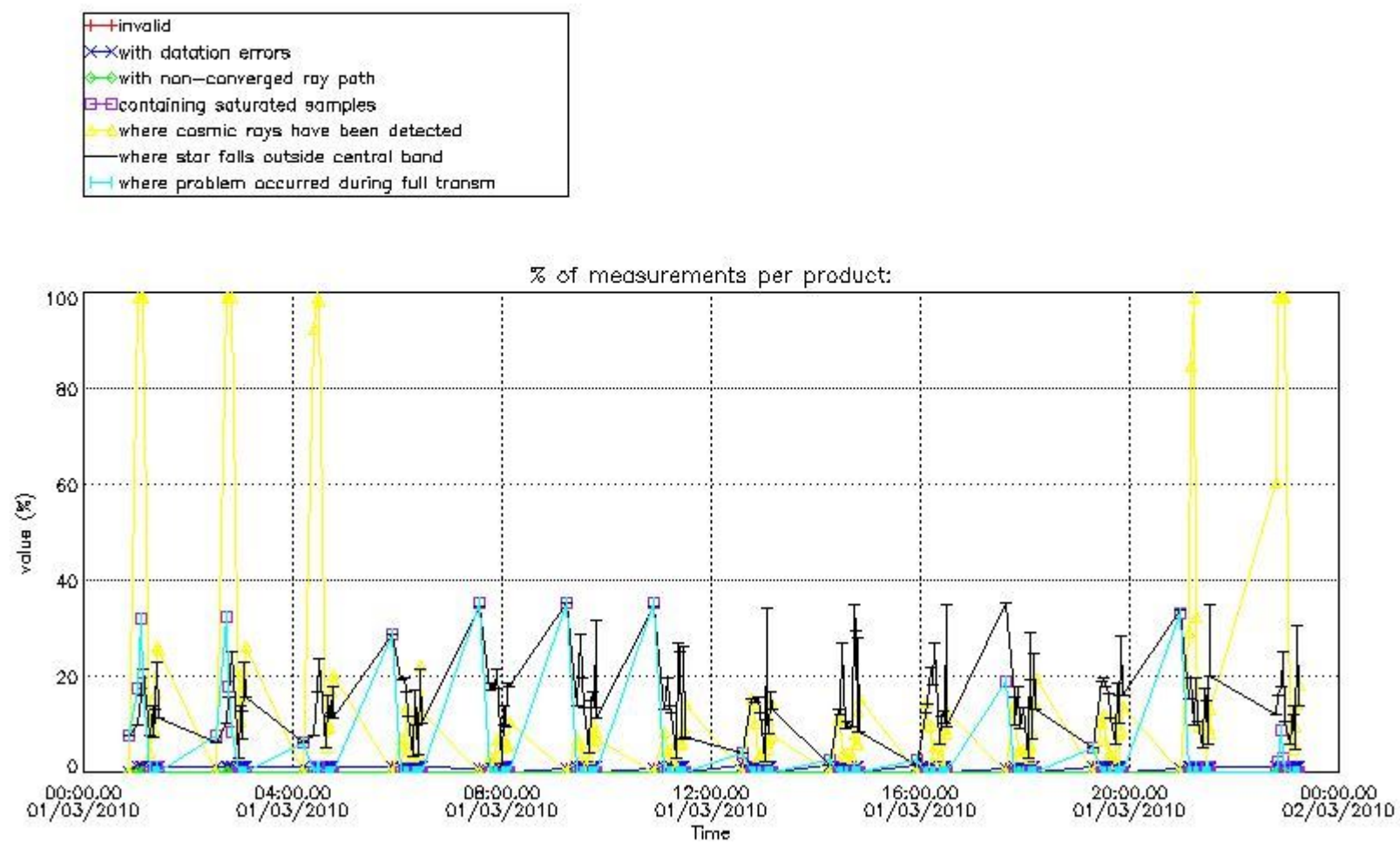


4. Level 1 quality information per product

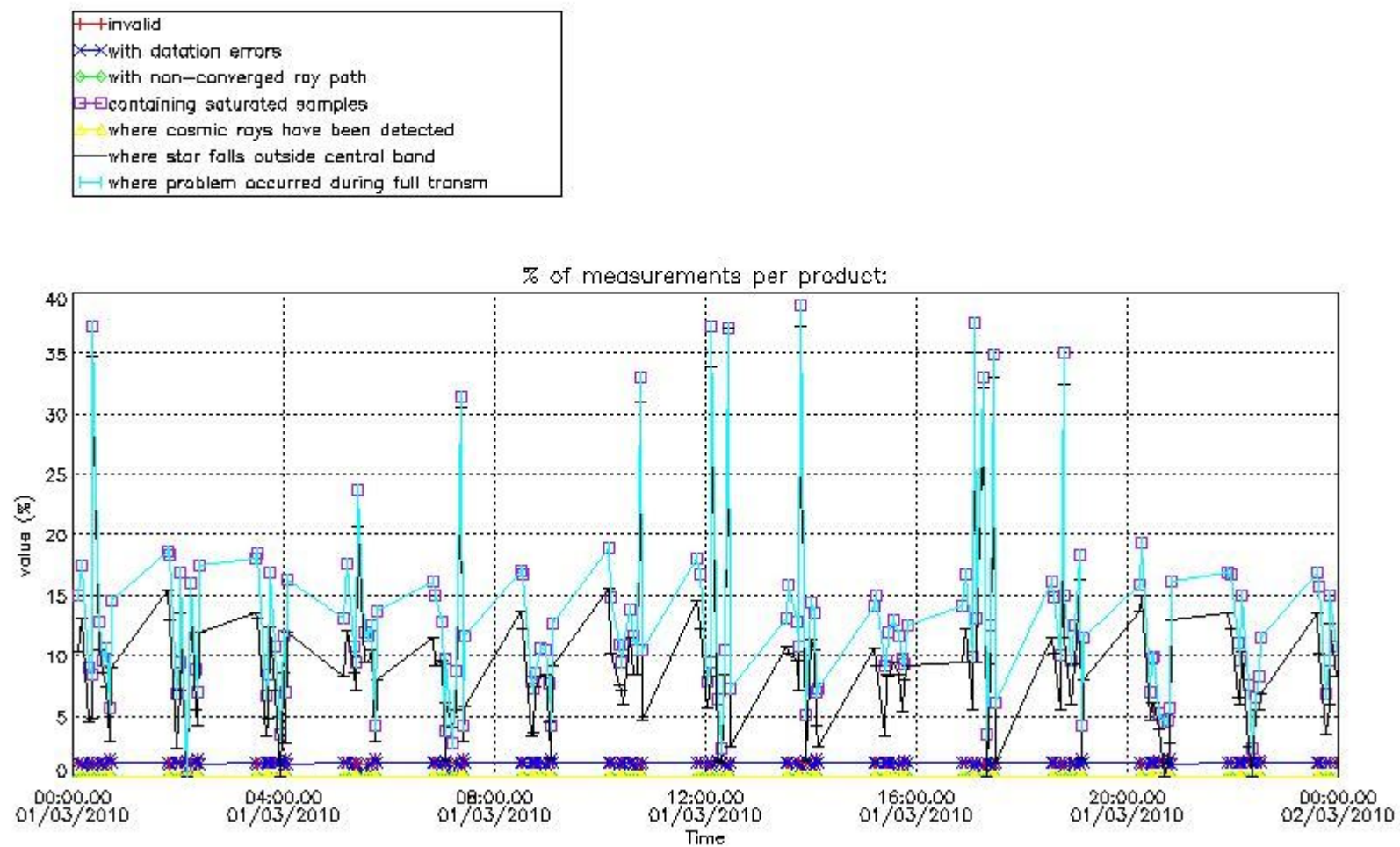
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

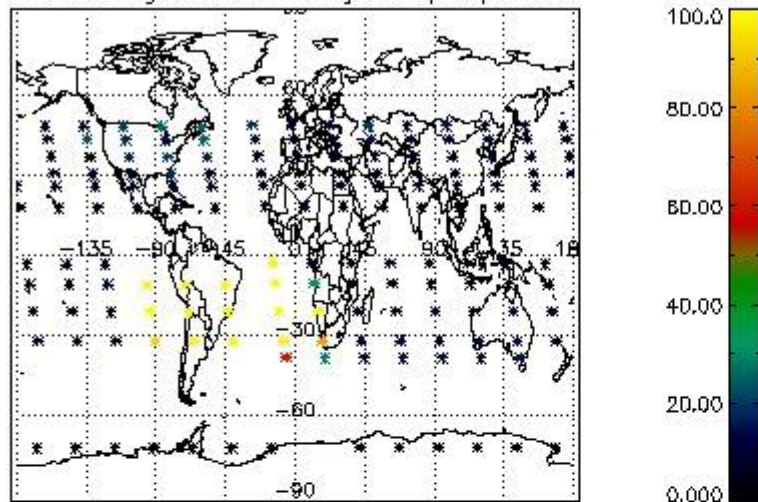


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

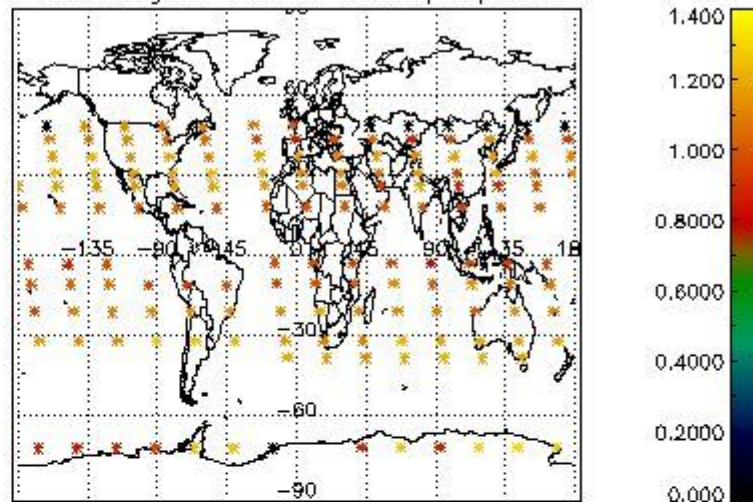


4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

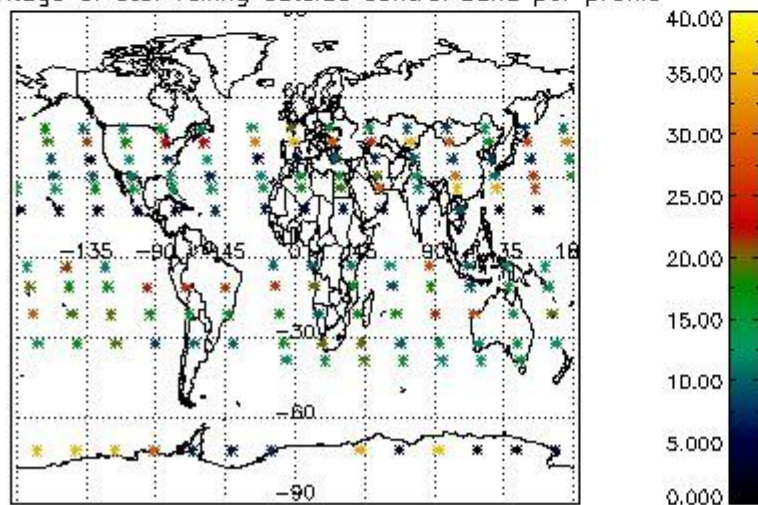
Percentage of cosmic ray hits per profile



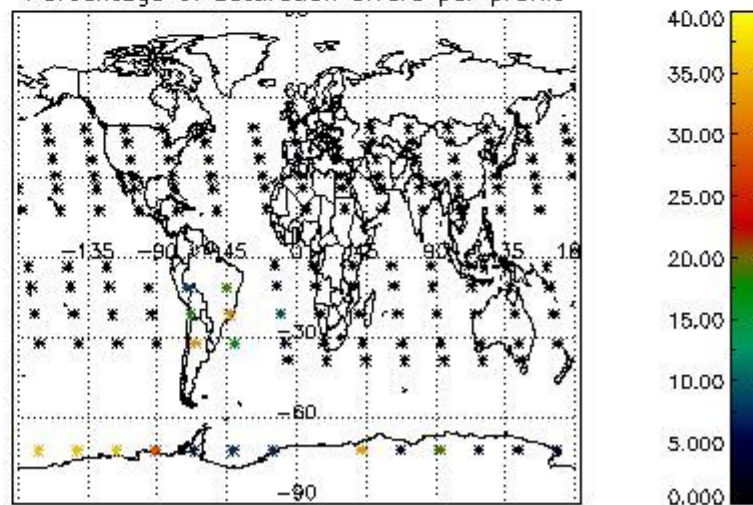
Percentage of datation errors per profile



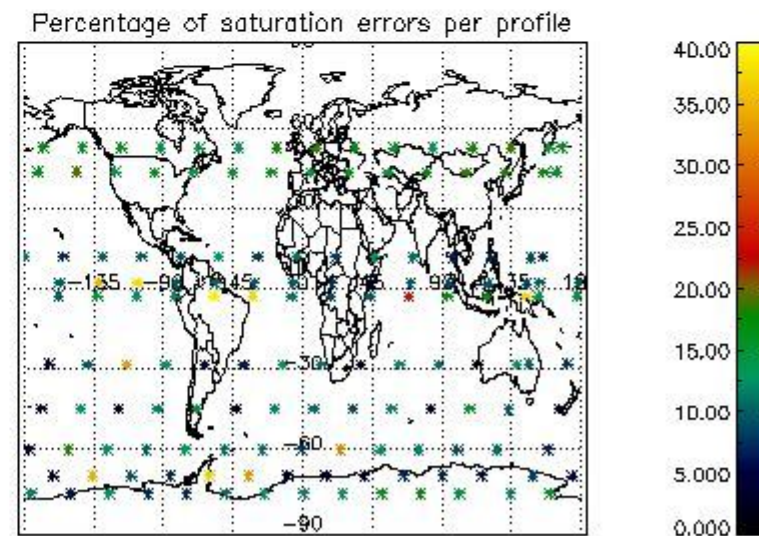
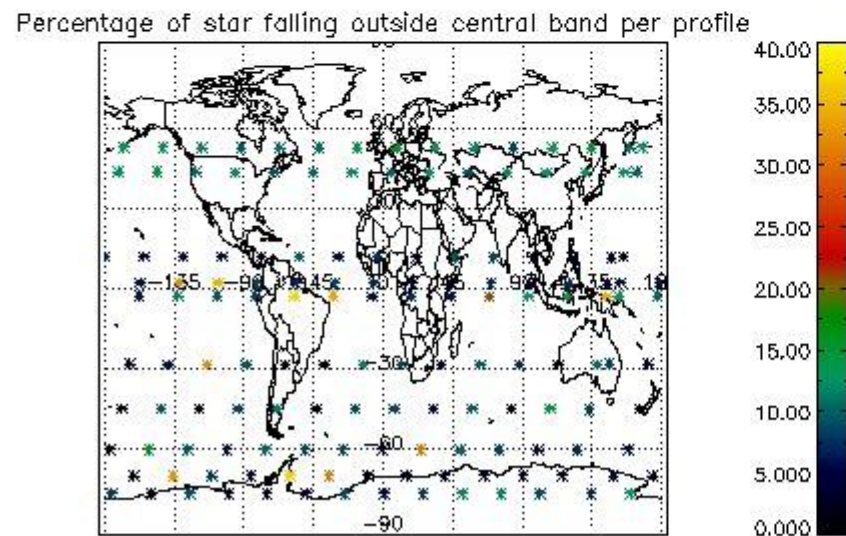
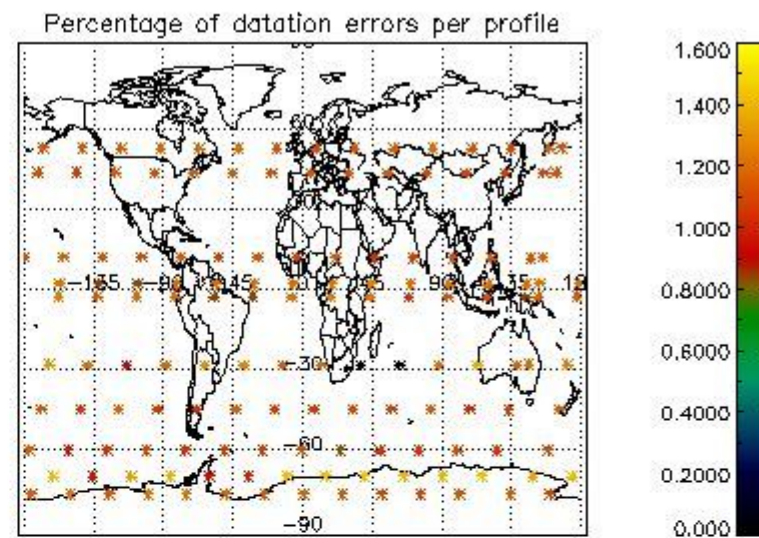
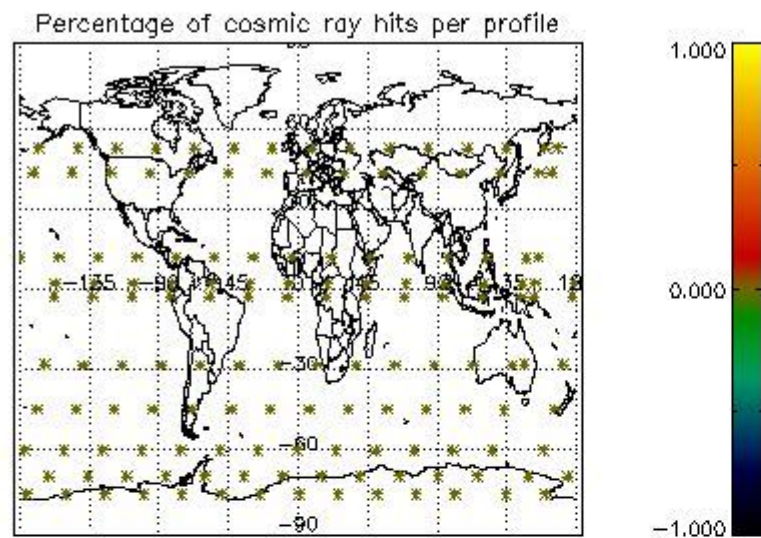
Percentage of star falling outside central band per profile



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

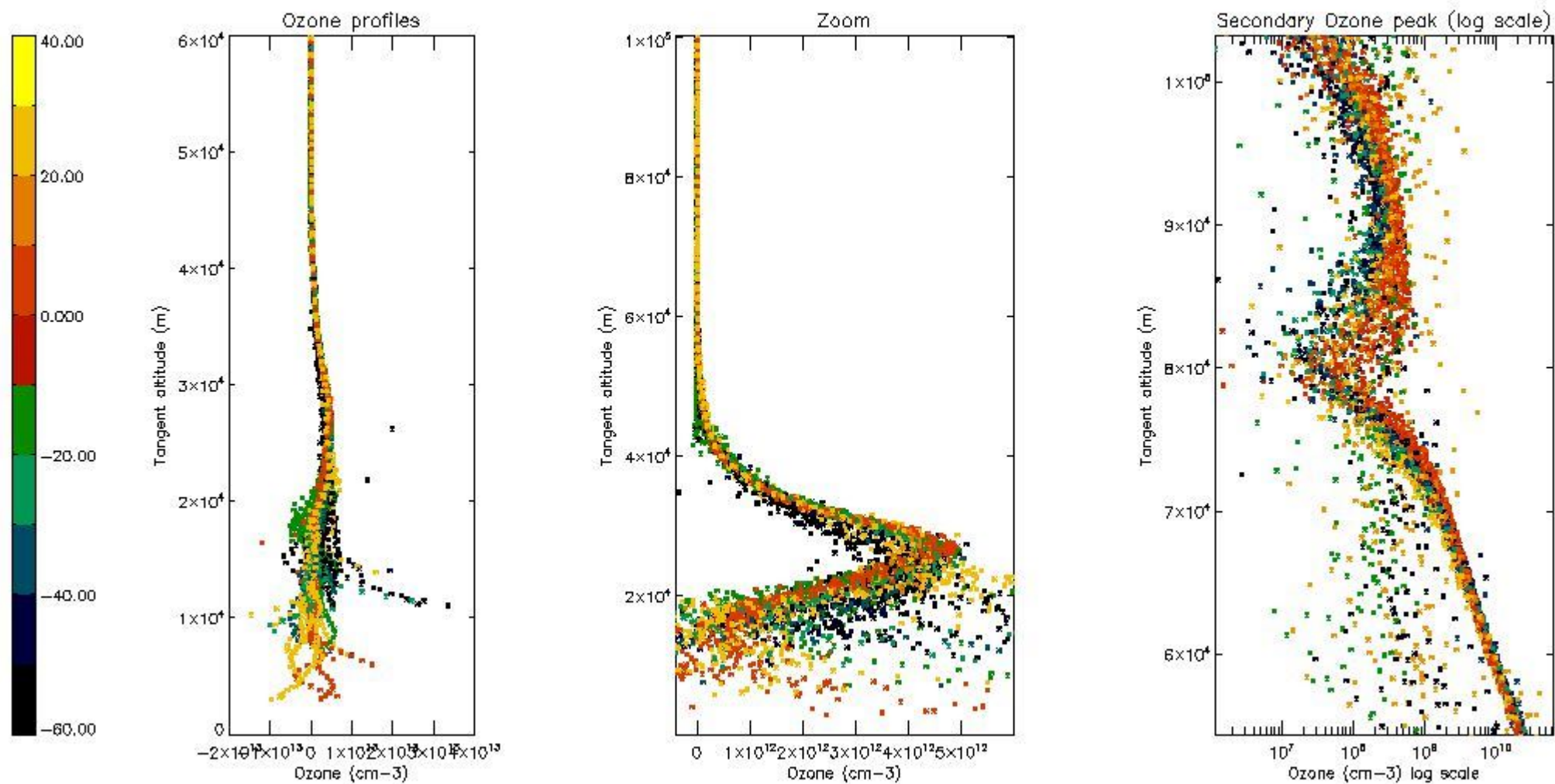
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 50 |
| STD < 20 | 27 |

| | |
|----------|----|
| STD < 10 | 22 |
| STD < 5 | 15 |

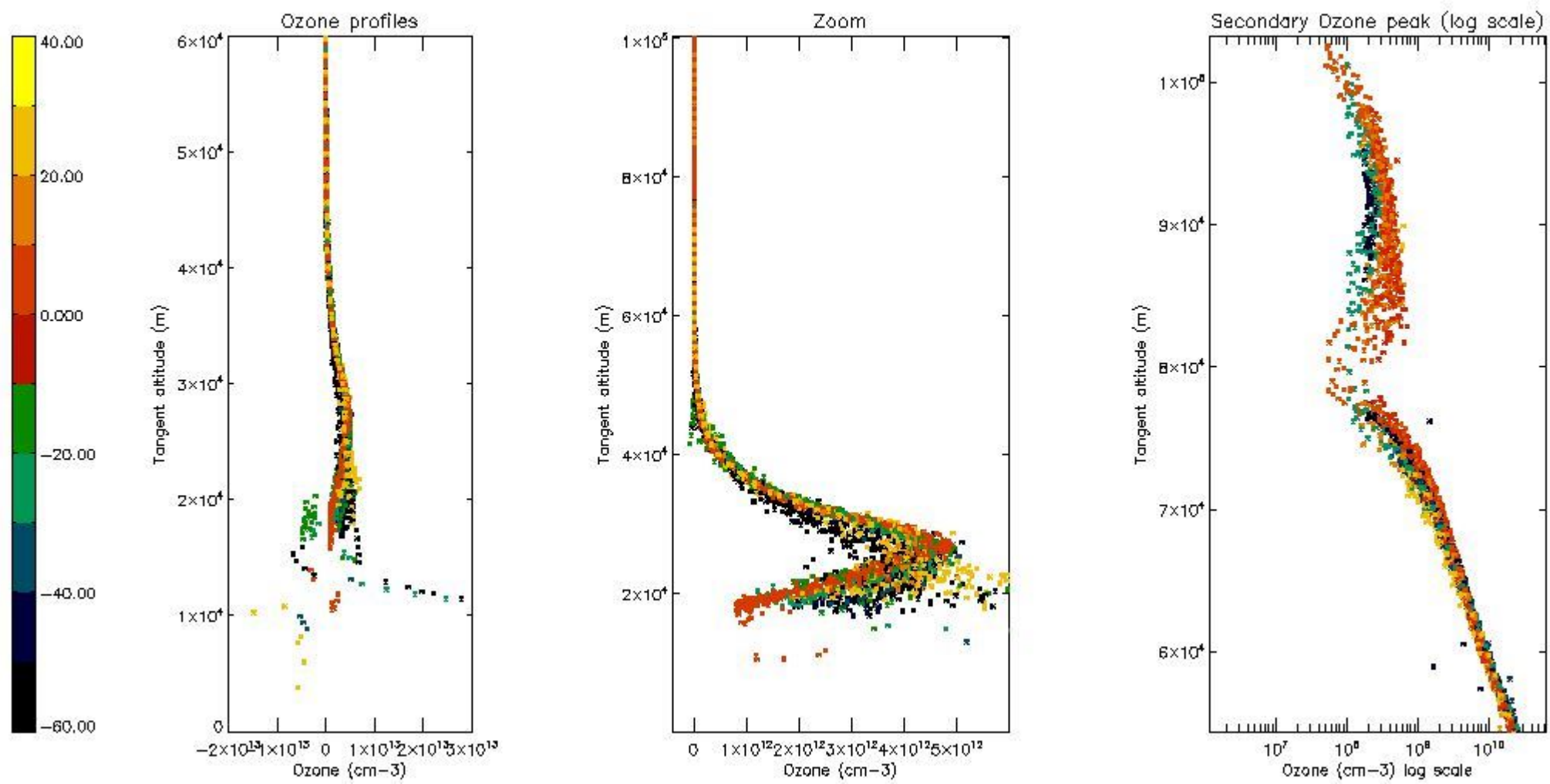
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



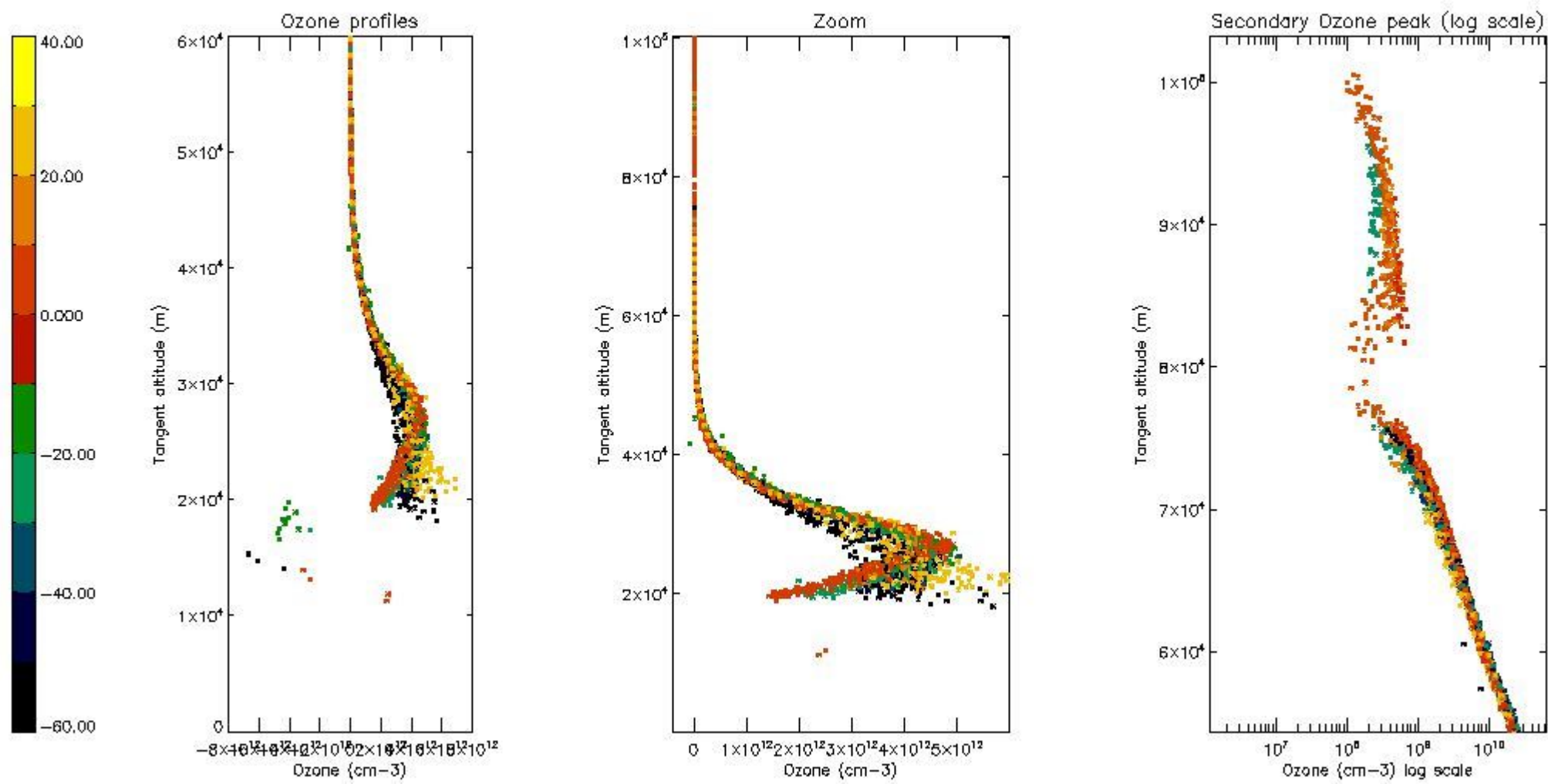
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



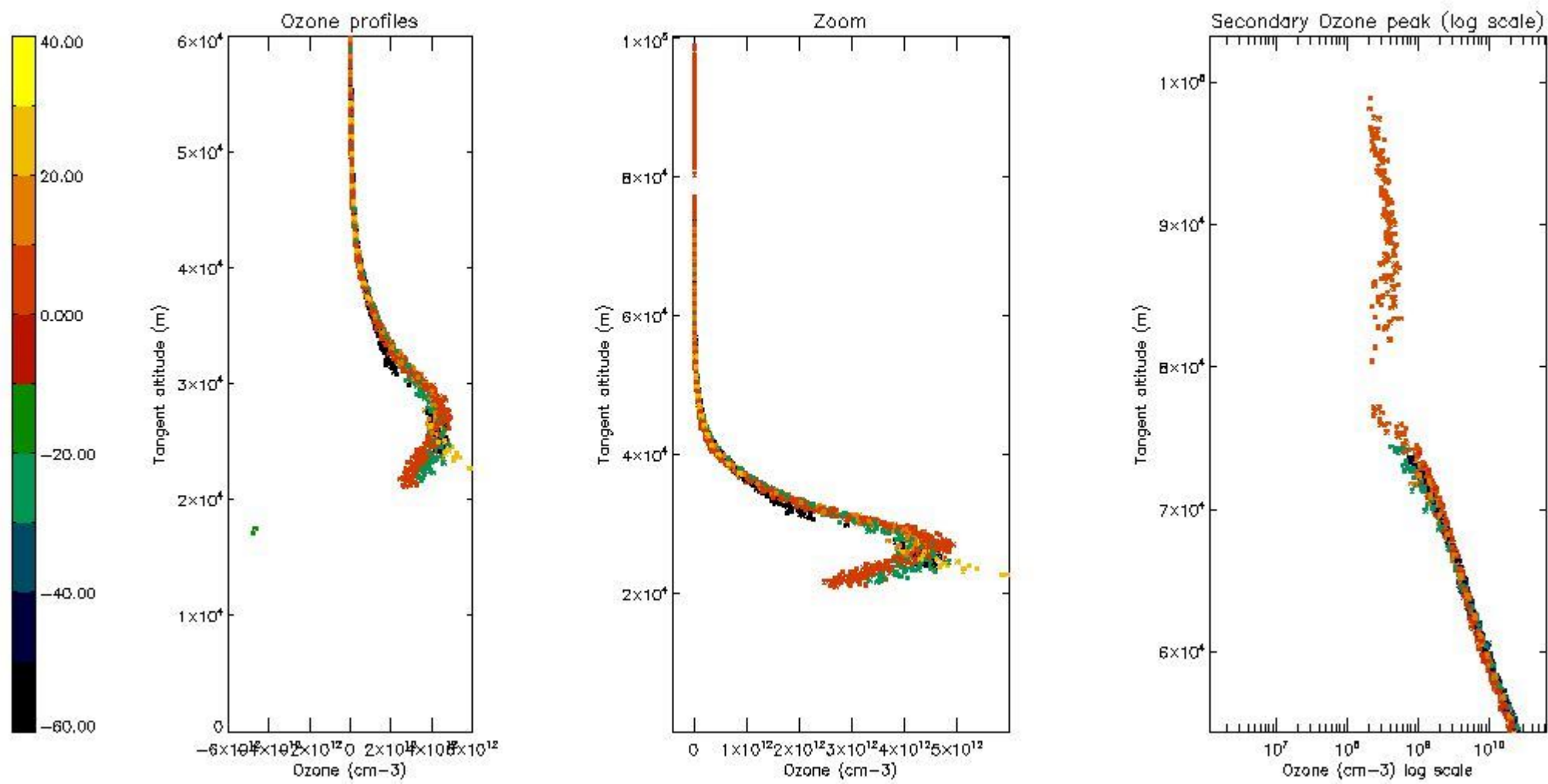
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



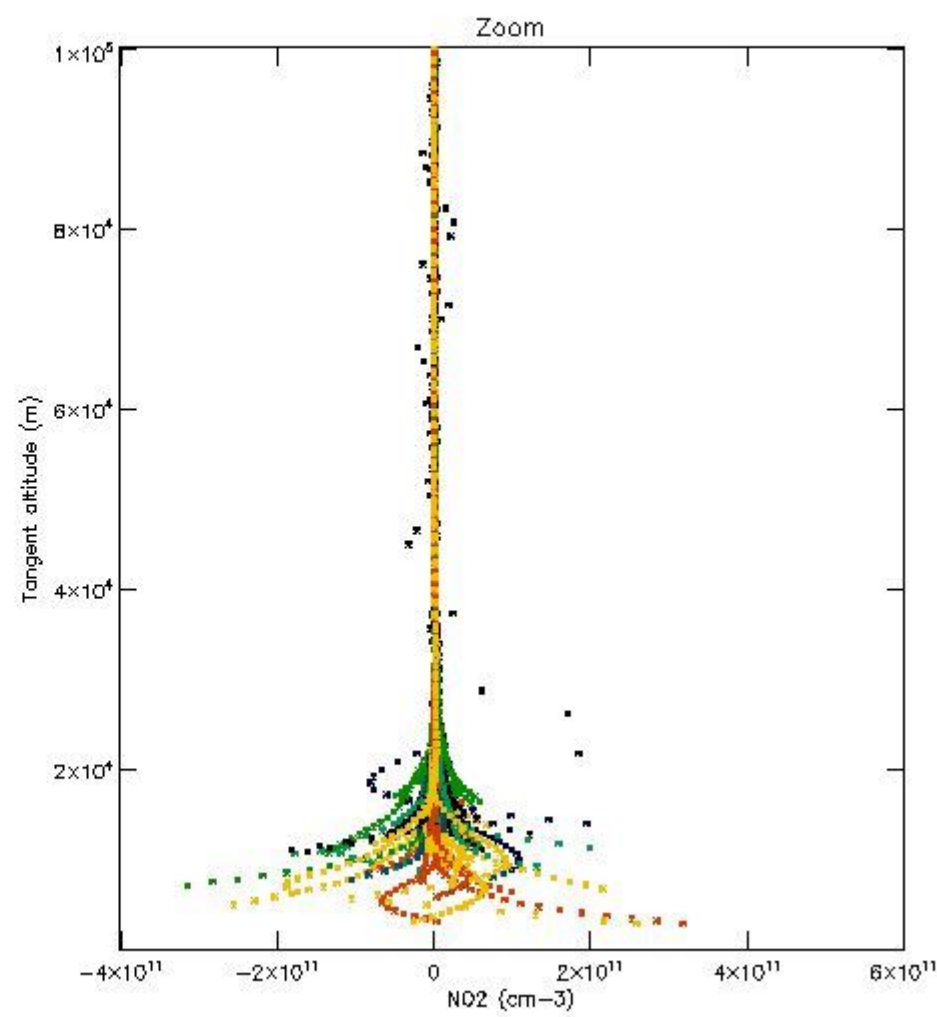
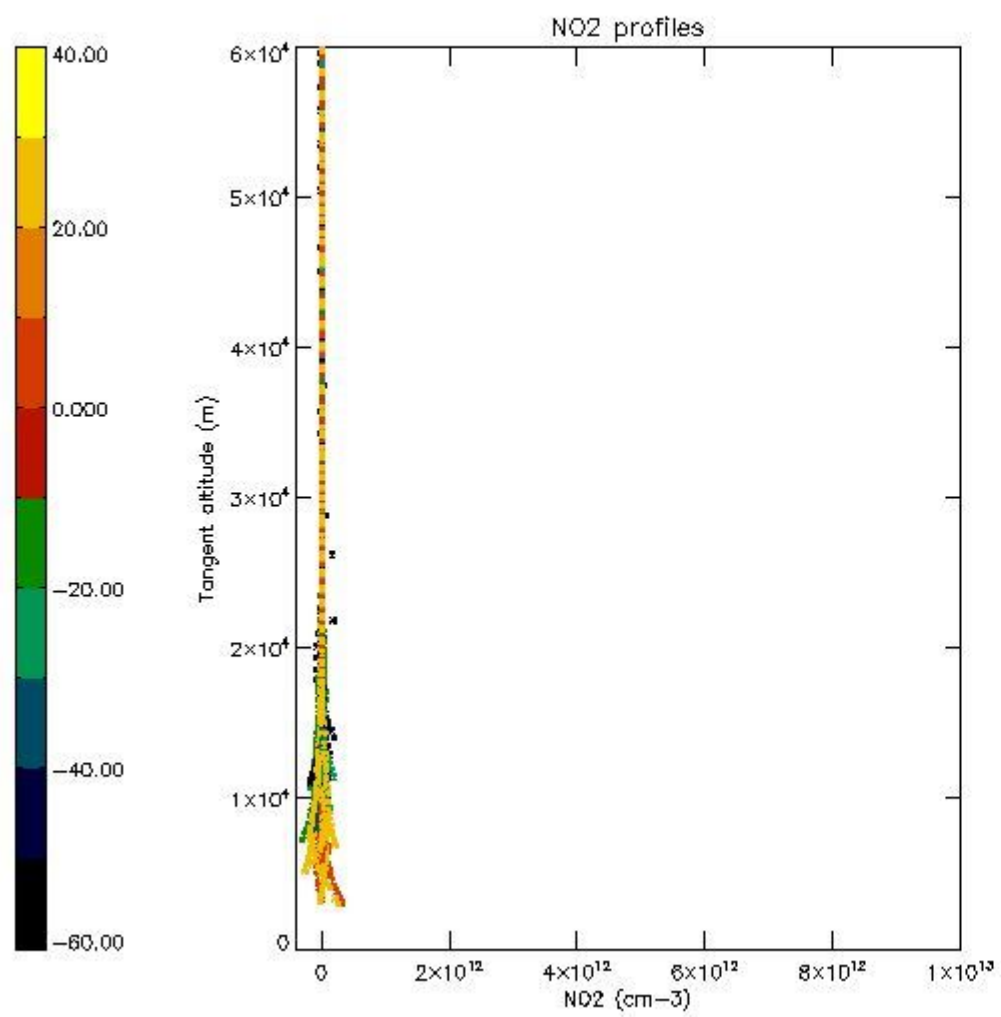
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



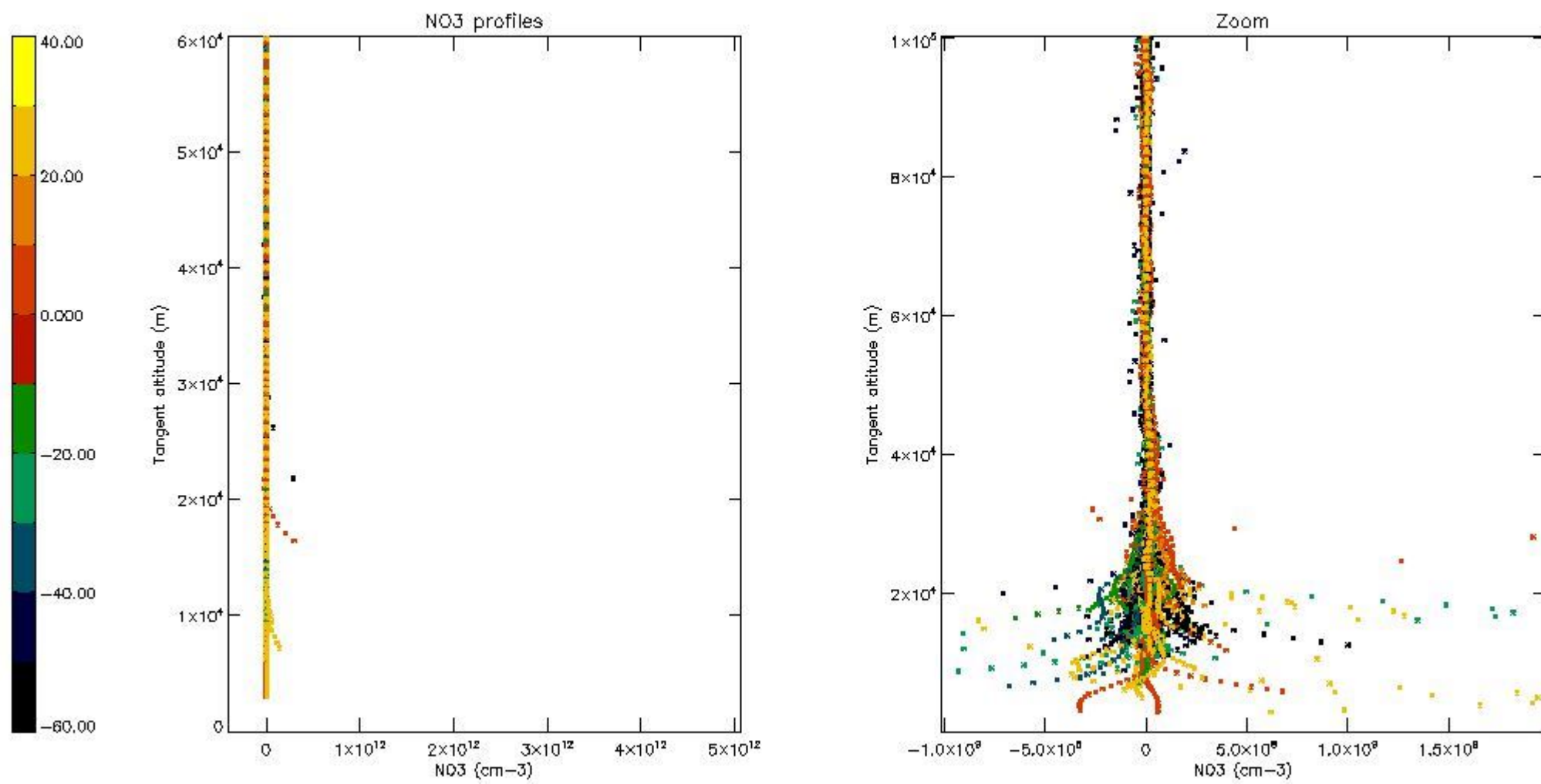
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



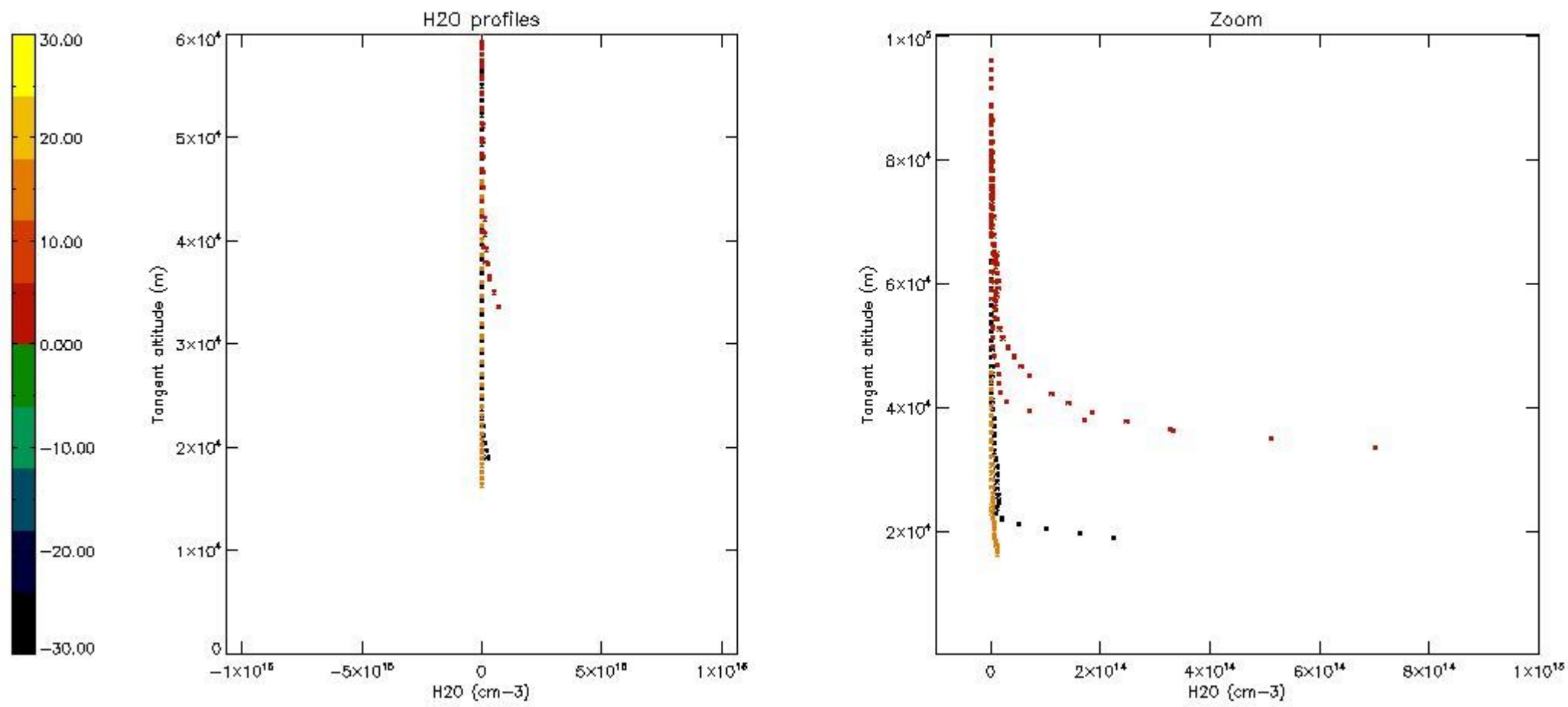
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 01-MAR-2010 00:06:44 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 01-MAR-2010 00:06:44 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 01-MAR-2010 00:06:44 |

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 26APR2013 17:46:03 |
| Data source version | GOMOS/6.01 |
| Start time of products | 01-03-2010 (01MAR2010 00:00:00) |
| Stop time of products | 02-03-2010 (02MAR2010 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 303 |
| Nb of prods with errors | 0 |

2. Summary of processed GOM_NL__2P products.

| Nr | Filename | UTC Start time | Limb | Duration | Star Id | Star Name | Star Mag | Star Temp | Nb Meas | Orbit | Prod. error |
|----|--|----------------------|--------|----------|---------|-----------|-----------|-----------|---------|-------|-------------|
| 1 | GOM_NL__2PRFIN20100301_000644_000000442087_00188_41825_7222.N1 | 01-MAR-2010 00:06:44 | Bright | 43.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 87 | 41825 | No |
| 2 | GOM_NL__2PRFIN20100301_000922_000000462087_00188_41825_7223.N1 | 01-MAR-2010 00:09:22 | Bright | 46.000 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 92 | 41825 | No |
| 3 | GOM_NL__2PRFIN20100301_001820_000000452087_00188_41825_7224.N1 | 01-MAR-2010 00:18:20 | Bright | 44.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 89 | 41825 | No |
| 4 | GOM_NL__2PRFIN20100301_002104_000000422087_00188_41825_7225.N1 | 01-MAR-2010 00:21:04 | Bright | 41.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 83 | 41825 | No |
| 5 | GOM_NL__2PRFIN20100301_002223_000000592087_00188_41825_7226.N1 | 01-MAR-2010 00:22:23 | Bright | 59.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 118 | 41825 | No |
| 6 | GOM_NL__2PRFIN20100301_002933_000000432087_00188_41825_7227.N1 | 01-MAR-2010 00:29:33 | Bright | 43.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 86 | 41825 | No |
| 7 | GOM_NL__2PRFIN20100301_003416_000000472087_00188_41825_7228.N1 | 01-MAR-2010 00:34:16 | Bright | 47.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 94 | 41825 | No |
| 8 | GOM_NL__2PRFIN20100301_003838_000000472087_00188_41825_7229.N1 | 01-MAR-2010 00:38:38 | Bright | 47.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 94 | 41825 | No |
| 9 | GOM_NL__2PRFIN20100301_004132_000000352087_00188_41825_7230.N1 | 01-MAR-2010 00:41:32 | Bright | 35.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 70 | 41825 | No |
| 10 | GOM_NL__2PRFIN20100301_004341_000000452087_00188_41825_7231.N1 | 01-MAR-2010 00:43:41 | Bright | 44.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 89 | 41825 | No |
| 11 | GOM_NL__2PRFIN20100301_005116_000000402087_00188_41825_7232.N1 | 01-MAR-2010 00:51:16 | Bright | 39.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 79 | 41825 | No |
| 12 | GOM_NL__2PRFIN20100301_010253_000000412087_00188_41825_7233.N1 | 01-MAR-2010 01:02:53 | Dark | 40.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 81 | 41825 | No |
| 13 | GOM_NL__2PRFIN20100301_010559_000000442087_00188_41825_7234.N1 | 01-MAR-2010 01:05:59 | Dark | 44.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 88 | 41825 | No |
| 14 | GOM_NL__2PRFIN20100301_010848_000000522087_00188_41825_7235.N1 | 01-MAR-2010 01:08:48 | Dark | 51.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 103 | 41825 | No |
| 15 | GOM_NL__2PRFIN20100301_011649_000000522087_00189_41826_7242.N1 | 01-MAR-2010 01:16:49 | Dark | 51.500 | 131 | Gam Lup | 2.8000 | 26000. | 103 | 41826 | No |
| 16 | GOM_NL__2PRFIN20100301_011907_000000432087_00189_41826_7243.N1 | 01-MAR-2010 01:19:07 | Dark | 43.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 86 | 41826 | No |
| 17 | GOM_NL__2PRFIN20100301_012026_000000412087_00189_41826_7244.N1 | 01-MAR-2010 01:20:26 | Dark | 40.500 | 10 | Bet Cen | 0.61000 | 28000. | 81 | 41826 | No |
| 18 | GOM_NL__2PRFIN20100301_012213_000000462087_00189_41826_7245.N1 | 01-MAR-2010 01:22:13 | Dark | 46.000 | 77 | Eps Cen | 2.3030 | 28000. | 92 | 41826 | No |
| 19 | GOM_NL__2PRFIN20100301_012403_000000482087_00189_41826_7246.N1 | 01-MAR-2010 01:24:03 | Dark | 48.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 96 | 41826 | No |
| 20 | GOM_NL__2PRFIN20100301_012527_000000452087_00189_41826_7247.N1 | 01-MAR-2010 01:25:27 | Dark | 45.000 | 64 | Gam Cen | 2.2000 | 10600. | 90 | 41826 | No |
| 21 | GOM_NL__2PRFIN20100301_014720_000000462087_00189_41826_7248.N1 | 01-MAR-2010 01:47:20 | Bright | 45.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 91 | 41826 | No |
| 22 | GOM_NL__2PRFIN20100301_014958_000000472087_00189_41826_7249.N1 | 01-MAR-2010 01:49:58 | Bright | 46.500 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 93 | 41826 | No |
| 23 | GOM_NL__2PRFIN20100301_015855_000000442087_00189_41826_7250.N1 | 01-MAR-2010 01:58:55 | Bright | 43.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 87 | 41826 | No |
| 24 | GOM_NL__2PRFIN20100301_020139_000000422087_00189_41826_7251.N1 | 01-MAR-2010 02:01:39 | Bright | 42.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 84 | 41826 | No |
| 25 | GOM_NL__2PRFIN20100301_020258_000000452087_00189_41826_7252.N1 | 01-MAR-2010 02:02:58 | Bright | 44.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 89 | 41826 | No |
| 26 | GOM_NL__2PRFIN20100301_021009_000000372087_00189_41826_7253.N1 | 01-MAR-2010 02:10:09 | Bright | 36.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 73 | 41826 | No |
| 27 | GOM_NL__2PRFIN20100301_021451_000000502087_00189_41826_7254.N1 | 01-MAR-2010 02:14:51 | Bright | 50.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 100 | 41826 | No |
| 28 | GOM_NL__2PRFIN20100301_021914_000000452087_00189_41826_7255.N1 | 01-MAR-2010 02:19:14 | Bright | 45.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 90 | 41826 | No |
| 29 | GOM_NL__2PRFIN20100301_022208_000000362087_00189_41826_7256.N1 | 01-MAR-2010 02:22:08 | Bright | 36.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 72 | 41826 | No |
| 30 | GOM_NL__2PRFIN20100301_022417_000000462087_00189_41826_7257.N1 | 01-MAR-2010 02:24:17 | Bright | 46.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 92 | 41826 | No |
| 31 | GOM_NL__2PRFIN20100301_023153_000000402087_00189_41826_7258.N1 | 01-MAR-2010 02:31:53 | Bright | 40.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 80 | 41826 | No |
| 32 | GOM_NL__2PRFIN20100301_024329_000000402087_00189_41826_7259.N1 | 01-MAR-2010 02:43:29 | Dark | 40.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 80 | 41826 | No |
| 33 | GOM_NL__2PRFIN20100301_024635_000000452087_00189_41826_7260.N1 | 01-MAR-2010 02:46:35 | Dark | 44.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 89 | 41826 | No |
| 34 | GOM_NL__2PRFIN20100301_024925_000000542087_00189_41826_7261.N1 | 01-MAR-2010 02:49:25 | Dark | 53.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 107 | 41826 | No |
| 35 | GOM_NL__2PRFIN20100301_025727_000000492087_00190_41827_7250.N1 | 01-MAR-2010 02:57:27 | Dark | 49.000 | 131 | Gam Lup | 2.8000 | 26000. | 98 | 41827 | No |
| 36 | GOM_NL__2PRFIN20100301_025944_000000432087_00190_41827_7251.N1 | 01-MAR-2010 02:59:44 | Dark | 43.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 86 | 41827 | No |
| 37 | GOM_NL__2PRFIN20100301_030103_000000432087_00190_41827_7252.N1 | 01-MAR-2010 03:01:03 | Dark | 43.000 | 10 | Bet Cen | 0.61000 | 28000. | 86 | 41827 | No |
| 38 | GOM_NL__2PRFIN20100301_030250_000000432087_00190_41827_7253.N1 | 01-MAR-2010 03:02:50 | Dark | 42.500 | 77 | Eps Cen | 2.3030 | 28000. | 85 | 41827 | No |
| 39 | GOM_NL__2PRFIN20100301_030439_000000482087_00190_41827_7254.N1 | 01-MAR-2010 03:04:39 | Dark | 48.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 96 | 41827 | No |
| 40 | GOM_NL__2PRFIN20100301_030604_000000482087_00190_41827_7255.N1 | 01-MAR-2010 03:06:04 | Dark | 47.500 | 64 | Gam Cen | 2.2000 | 10600. | 95 | 41827 | No |
| 41 | GOM_NL__2PRFIN20100301_032756_000000452087_00190_41827_7256.N1 | 01-MAR-2010 03:27:56 | Bright | 44.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 89 | 41827 | No |
| 42 | GOM_NL__2PRFIN20100301_033033_000000462087_00190_41827_7257.N1 | 01-MAR-2010 03:30:33 | Bright | 46.000 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 92 | 41827 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|--------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20100301_033930_000000452087_00190_41827_7258.N1 | 01-MAR-2010 03:39:30 | Bright | 44.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 89 | 41827 | No |
| 44 | GOM_NL__2PRFIN20100301_034215_000000422087_00190_41827_7259.N1 | 01-MAR-2010 03:42:15 | Bright | 41.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 83 | 41827 | No |
| 45 | GOM_NL__2PRFIN20100301_034334_000000452087_00190_41827_7260.N1 | 01-MAR-2010 03:43:34 | Bright | 44.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 89 | 41827 | No |
| 46 | GOM_NL__2PRFIN20100301_035044_000000422087_00190_41827_7261.N1 | 01-MAR-2010 03:50:44 | Bright | 42.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 84 | 41827 | No |
| 47 | GOM_NL__2PRFIN20100301_035526_000000442087_00190_41827_7262.N1 | 01-MAR-2010 03:55:26 | Bright | 43.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 87 | 41827 | No |
| 48 | GOM_NL__2PRFIN20100301_035950_000000472087_00190_41827_7263.N1 | 01-MAR-2010 03:59:50 | Bright | 47.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 94 | 41827 | No |
| 49 | GOM_NL__2PRFIN20100301_040244_000000362087_00190_41827_7264.N1 | 01-MAR-2010 04:02:44 | Bright | 35.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 71 | 41827 | No |
| 50 | GOM_NL__2PRFIN20100301_040453_000000462087_00190_41827_7265.N1 | 01-MAR-2010 04:04:53 | Bright | 46.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 92 | 41827 | No |
| 51 | GOM_NL__2PRFIN20100301_041229_000000402087_00190_41827_7266.N1 | 01-MAR-2010 04:12:29 | Bright | 39.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 79 | 41827 | No |
| 52 | GOM_NL__2PRFIN20100301_042405_000000402087_00190_41827_7267.N1 | 01-MAR-2010 04:24:05 | Dark | 39.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 79 | 41827 | No |
| 53 | GOM_NL__2PRFIN20100301_042712_000000452087_00190_41827_7268.N1 | 01-MAR-2010 04:27:12 | Dark | 44.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 89 | 41827 | No |
| 54 | GOM_NL__2PRFIN20100301_043002_000000532087_00190_41827_7269.N1 | 01-MAR-2010 04:30:02 | Dark | 52.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 105 | 41827 | No |
| 55 | GOM_NL__2PRFIN20100301_043804_000000502087_00191_41828_7258.N1 | 01-MAR-2010 04:38:04 | Dark | 50.000 | 131 | Gam Lup | 2.8000 | 26000. | 100 | 41828 | No |
| 56 | GOM_NL__2PRFIN20100301_044021_000000442087_00191_41828_7259.N1 | 01-MAR-2010 04:40:21 | Dark | 44.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 88 | 41828 | No |
| 57 | GOM_NL__2PRFIN20100301_044139_000000432087_00191_41828_7260.N1 | 01-MAR-2010 04:41:39 | Dark | 42.500 | 10 | Bet Cen | 0.61000 | 28000. | 85 | 41828 | No |
| 58 | GOM_NL__2PRFIN20100301_044327_000000452087_00191_41828_7261.N1 | 01-MAR-2010 04:43:27 | Dark | 44.500 | 77 | Eps Cen | 2.3030 | 28000. | 89 | 41828 | No |
| 59 | GOM_NL__2PRFIN20100301_044516_000000452087_00191_41828_7262.N1 | 01-MAR-2010 04:45:16 | Dark | 45.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 90 | 41828 | No |
| 60 | GOM_NL__2PRFIN20100301_044641_000000452087_00191_41828_7263.N1 | 01-MAR-2010 04:46:41 | Dark | 44.500 | 64 | Gam Cen | 2.2000 | 10600. | 89 | 41828 | No |
| 61 | GOM_NL__2PRFIN20100301_050832_000000422087_00191_41828_7264.N1 | 01-MAR-2010 05:08:32 | Bright | 42.000 | 22 | 32Alp Leo | 1.3600 | 15200. | 84 | 41828 | No |
| 62 | GOM_NL__2PRFIN20100301_051109_000000462087_00191_41828_7265.N1 | 01-MAR-2010 05:11:09 | Bright | 45.500 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 91 | 41828 | No |
| 63 | GOM_NL__2PRFIN20100301_052006_000000472087_00191_41828_7266.N1 | 01-MAR-2010 05:20:06 | Bright | 46.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 93 | 41828 | No |
| 64 | GOM_NL__2PRFIN20100301_052250_000000422087_00191_41828_7267.N1 | 01-MAR-2010 05:22:50 | Bright | 42.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 84 | 41828 | No |
| 65 | GOM_NL__2PRFIN20100301_052410_000000492087_00191_41828_7268.N1 | 01-MAR-2010 05:24:10 | Bright | 48.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 97 | 41828 | No |
| 66 | GOM_NL__2PRFIN20100301_053120_000000422087_00191_41828_7269.N1 | 01-MAR-2010 05:31:20 | Bright | 42.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 84 | 41828 | No |
| 67 | GOM_NL__2PRFIN20100301_053602_000000482087_00191_41828_7270.N1 | 01-MAR-2010 05:36:02 | Bright | 47.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 95 | 41828 | No |
| 68 | GOM_NL__2PRFIN20100301_054025_000000482087_00191_41828_7271.N1 | 01-MAR-2010 05:40:25 | Bright | 48.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 96 | 41828 | No |
| 69 | GOM_NL__2PRFIN20100301_054320_000000352087_00191_41828_7272.N1 | 01-MAR-2010 05:43:20 | Bright | 35.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 70 | 41828 | No |
| 70 | GOM_NL__2PRFIN20100301_054529_000000442087_00191_41828_7273.N1 | 01-MAR-2010 05:45:29 | Bright | 44.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 88 | 41828 | No |
| 71 | GOM_NL__2PRFIN20100301_055305_000000532087_00191_41828_7274.N1 | 01-MAR-2010 05:53:05 | Bright | 52.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 105 | 41828 | No |
| 72 | GOM_NL__2PRFIN20100301_060442_000000452087_00191_41828_7275.N1 | 01-MAR-2010 06:04:42 | Dark | 44.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 89 | 41828 | No |
| 73 | GOM_NL__2PRFIN20100301_060748_000000462087_00191_41828_7276.N1 | 01-MAR-2010 06:07:48 | Dark | 46.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 92 | 41828 | No |
| 74 | GOM_NL__2PRFIN20100301_061039_000000482087_00191_41828_7277.N1 | 01-MAR-2010 06:10:39 | Dark | 48.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 96 | 41828 | No |
| 75 | GOM_NL__2PRFIN20100301_061246_000000522087_00191_41828_7278.N1 | 01-MAR-2010 06:12:46 | Dark | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 41828 | No |
| 76 | GOM_NL__2PRFIN20100301_061841_000000492087_00192_41829_7266.N1 | 01-MAR-2010 06:18:41 | Dark | 48.500 | 131 | Gam Lup | 2.8000 | 26000. | 97 | 41829 | No |
| 77 | GOM_NL__2PRFIN20100301_062057_000000442087_00192_41829_7267.N1 | 01-MAR-2010 06:20:57 | Dark | 44.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 88 | 41829 | No |
| 78 | GOM_NL__2PRFIN20100301_062216_000000422087_00192_41829_7268.N1 | 01-MAR-2010 06:22:16 | Dark | 41.500 | 10 | Bet Cen | 0.61000 | 28000. | 83 | 41829 | No |
| 79 | GOM_NL__2PRFIN20100301_062404_000000412087_00192_41829_7269.N1 | 01-MAR-2010 06:24:04 | Dark | 41.000 | 77 | Eps Cen | 2.3030 | 28000. | 82 | 41829 | No |
| 80 | GOM_NL__2PRFIN20100301_062552_000000472087_00192_41829_7270.N1 | 01-MAR-2010 06:25:52 | Dark | 47.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 94 | 41829 | No |
| 81 | GOM_NL__2PRFIN20100301_062717_000000452087_00192_41829_7271.N1 | 01-MAR-2010 06:27:17 | Dark | 44.500 | 64 | Gam Cen | 2.2000 | 10600. | 89 | 41829 | No |
| 82 | GOM_NL__2PRFIN20100301_064908_000000442087_00192_41829_7272.N1 | 01-MAR-2010 06:49:08 | Bright | 43.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 87 | 41829 | No |
| 83 | GOM_NL__2PRFIN20100301_065145_000000442087_00192_41829_7273.N1 | 01-MAR-2010 06:51:45 | Bright | 43.500 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 87 | 41829 | No |
| 84 | GOM_NL__2PRFIN20100301_070041_000000472087_00192_41829_7274.N1 | 01-MAR-2010 07:00:41 | Bright | 47.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 94 | 41829 | No |
| 85 | GOM_NL__2PRFIN20100301_070326_000000402087_00192_41829_7275.N1 | 01-MAR-2010 07:03:26 | Bright | 39.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 79 | 41829 | No |
| 86 | GOM_NL__2PRFIN20100301_070445_000000412087_00192_41829_7276.N1 | 01-MAR-2010 07:04:45 | Bright | 41.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 82 | 41829 | No |
| 87 | GOM_NL__2PRFIN20100301_071156_000000372087_00192_41829_7277.N1 | 01-MAR-2010 07:11:56 | Bright | 37.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 74 | 41829 | No |
| 88 | GOM_NL__2PRFIN20100301_071638_000000462087_00192_41829_7278.N1 | 01-MAR-2010 07:16:38 | Bright | 45.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 91 | 41829 | No |
| 89 | GOM_NL__2PRFIN20100301_072101_000000612087_00192_41829_7279.N1 | 01-MAR-2010 07:21:01 | Bright | 60.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 121 | 41829 | No |
| 90 | GOM_NL__2PRFIN20100301_072356_000000352087_00192_41829_7280.N1 | 01-MAR-2010 07:23:56 | Bright | 35.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 70 | 41829 | No |
| 91 | GOM_NL__2PRFIN20100301_072605_000000432087_00192_41829_7281.N1 | 01-MAR-2010 07:26:05 | Bright | 43.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 86 | 41829 | No |
| 92 | GOM_NL__2PRFIN20100301_073341_000000582087_00192_41829_7282.N1 | 01-MAR-2010 07:33:41 | Bright | 58.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 116 | 41829 | No |
| 93 | GOM_NL__2PRFIN20100301_074519_000000442087_00192_41829_7283.N1 | 01-MAR-2010 07:45:19 | Dark | 44.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 88 | 41829 | No |
| 94 | GOM_NL__2PRFIN20100301_074825_000000462087_00192_41829_7284.N1 | 01-MAR-2010 07:48:25 | Dark | 45.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 91 | 41829 | No |
| 95 | GOM_NL__2PRFIN20100301_075116_000000492087_00192_41829_7285.N1 | 01-MAR-2010 07:51:16 | Dark | 48.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 97 | 41829 | No |
| 96 | GOM_NL__2PRFIN20100301_075323_000000582087_00192_41829_7286.N1 | 01-MAR-2010 07:53:23 | Dark | 58.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 116 | 41829 | No |
| 97 | GOM_NL__2PRFIN20100301_075918_000000482087_00193_41830_7274.N1 | 01-MAR-2010 07:59:18 | Dark | 47.500 | 131 | Gam Lup | 2.8000 | 26000. | 95 | 41830 | No |
| 98 | GOM_NL__2PRFIN20100301_080133_000000432087_00193_41830_7275.N1 | 01-MAR-2010 08:01:33 | Dark | 43.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 86 | 41830 | No |
| 99 | GOM_NL__2PRFIN20100301_080253_000000412087_00193_41830_7276.N1 | 01-MAR-2010 08:02:53 | Dark | 40.500 | 10 | Bet Cen | 0.61000 | 28000. | 81 | 41830 | No |
| 100 | GOM_NL__2PRFIN20100301_080440_000000432087_00193_41830_7277.N1 | 01-MAR-2010 08:04:40 | Dark | 43.000 | 77 | Eps Cen | 2.3030 | 28000. | 86 | 41830 | No |
| 101 | GOM_NL__2PRFIN20100301_080629_000000462087_00193_41830_7278.N1 | 01-MAR-2010 08:06:29 | Dark | 46.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 92 | 41830 | No |

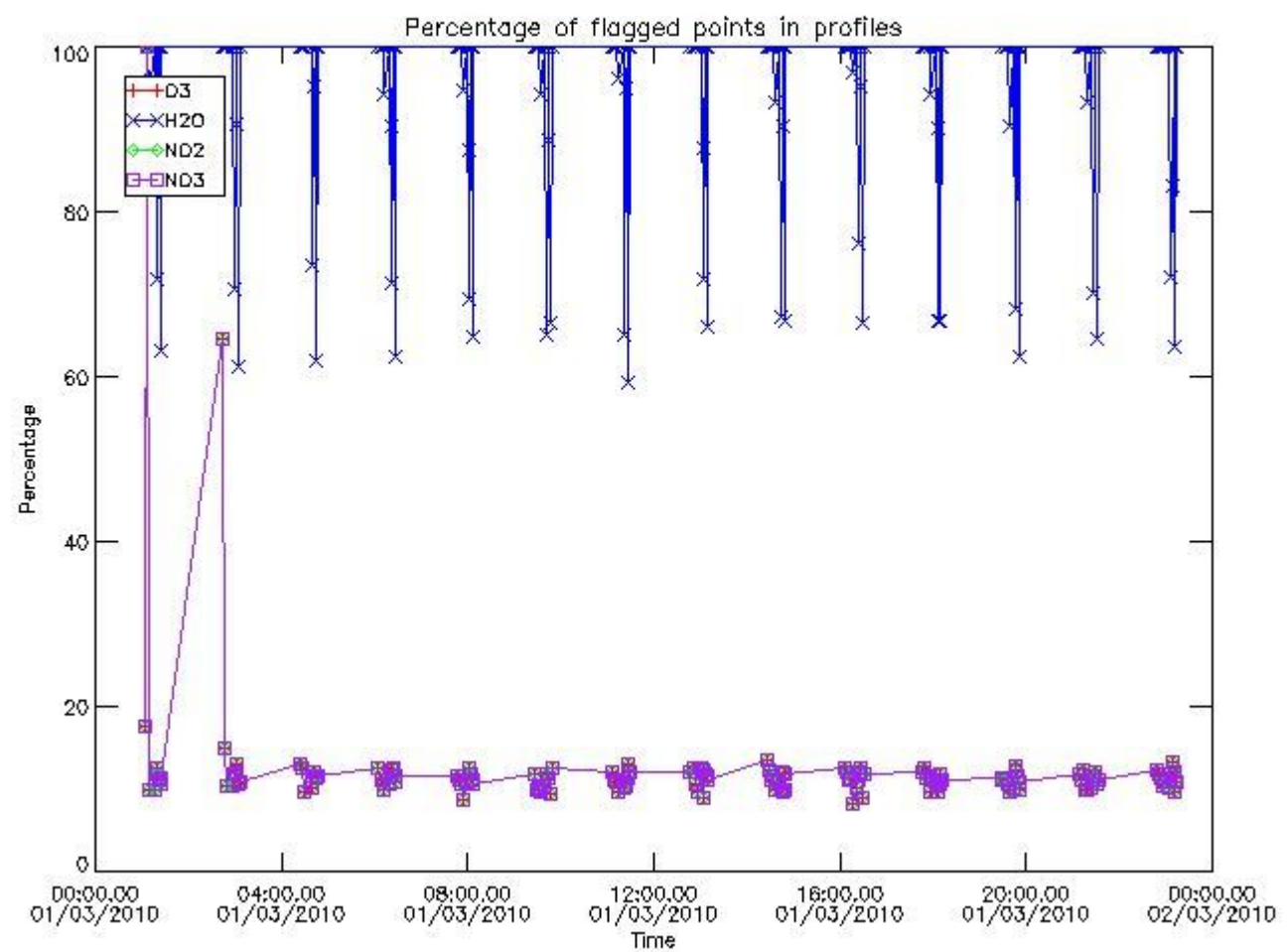
| | | | | | | | | | | | |
|-----|--|----------------------|--------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20100301_080753_000000482087_00193_41830_7279.N1 | 01-MAR-2010 08:07:53 | Dark | 48.000 | 64 | Gam Cen | 2.2000 | 10600. | 96 | 41830 | No |
| 103 | GOM_NL__2PRFIN20100301_082943_000000442087_00193_41830_7280.N1 | 01-MAR-2010 08:29:43 | Bright | 44.000 | 22 | 32Alp Leo | 1.3600 | 15200. | 88 | 41830 | No |
| 104 | GOM_NL__2PRFIN20100301_083221_000000452087_00193_41830_7281.N1 | 01-MAR-2010 08:32:21 | Bright | 45.000 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 90 | 41830 | No |
| 105 | GOM_NL__2PRFIN20100301_084116_000000452087_00193_41830_7282.N1 | 01-MAR-2010 08:41:16 | Bright | 44.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 89 | 41830 | No |
| 106 | GOM_NL__2PRFIN20100301_084401_000000412087_00193_41830_7283.N1 | 01-MAR-2010 08:44:01 | Bright | 41.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 82 | 41830 | No |
| 107 | GOM_NL__2PRFIN20100301_084521_000000412087_00193_41830_7284.N1 | 01-MAR-2010 08:45:21 | Bright | 40.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 81 | 41830 | No |
| 108 | GOM_NL__2PRFIN20100301_085231_000000432087_00193_41830_7285.N1 | 01-MAR-2010 08:52:31 | Bright | 42.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 85 | 41830 | No |
| 109 | GOM_NL__2PRFIN20100301_085713_000000482087_00193_41830_7286.N1 | 01-MAR-2010 08:57:13 | Bright | 47.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 95 | 41830 | No |
| 110 | GOM_NL__2PRFIN20100301_090137_000000452087_00193_41830_7287.N1 | 01-MAR-2010 09:01:37 | Bright | 45.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 90 | 41830 | No |
| 111 | GOM_NL__2PRFIN20100301_090432_000000352087_00193_41830_7288.N1 | 01-MAR-2010 09:04:32 | Bright | 35.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 70 | 41830 | No |
| 112 | GOM_NL__2PRFIN20100301_090641_000000442087_00193_41830_7289.N1 | 01-MAR-2010 09:06:41 | Bright | 43.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 87 | 41830 | No |
| 113 | GOM_NL__2PRFIN20100301_091418_000000582087_00193_41830_7290.N1 | 01-MAR-2010 09:14:18 | Bright | 58.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 116 | 41830 | No |
| 114 | GOM_NL__2PRFIN20100301_092555_000000432087_00193_41830_7291.N1 | 01-MAR-2010 09:25:55 | Dark | 43.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 86 | 41830 | No |
| 115 | GOM_NL__2PRFIN20100301_092901_000000522087_00193_41830_7292.N1 | 01-MAR-2010 09:29:01 | Dark | 52.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 104 | 41830 | No |
| 116 | GOM_NL__2PRFIN20100301_093152_000000512087_00193_41830_7293.N1 | 01-MAR-2010 09:31:52 | Dark | 50.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 101 | 41830 | No |
| 117 | GOM_NL__2PRFIN20100301_093400_000000532087_00193_41830_7294.N1 | 01-MAR-2010 09:34:00 | Dark | 52.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 105 | 41830 | No |
| 118 | GOM_NL__2PRFIN20100301_093955_000000492087_00194_41831_7282.N1 | 01-MAR-2010 09:39:55 | Dark | 49.000 | 131 | Gam Lup | 2.8000 | 26000. | 98 | 41831 | No |
| 119 | GOM_NL__2PRFIN20100301_094210_000000442087_00194_41831_7283.N1 | 01-MAR-2010 09:42:10 | Dark | 43.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 87 | 41831 | No |
| 120 | GOM_NL__2PRFIN20100301_094329_000000452087_00194_41831_7284.N1 | 01-MAR-2010 09:43:29 | Dark | 45.000 | 10 | Bet Cen | 0.61000 | 28000. | 90 | 41831 | No |
| 121 | GOM_NL__2PRFIN20100301_094517_000000452087_00194_41831_7285.N1 | 01-MAR-2010 09:45:17 | Dark | 45.000 | 77 | Eps Cen | 2.3030 | 28000. | 90 | 41831 | No |
| 122 | GOM_NL__2PRFIN20100301_094705_000000542087_00194_41831_7286.N1 | 01-MAR-2010 09:47:05 | Dark | 54.000 | 26 | Gam Cru | 1.6240 | 2900.0 | 108 | 41831 | No |
| 123 | GOM_NL__2PRFIN20100301_094830_000000452087_00194_41831_7287.N1 | 01-MAR-2010 09:48:30 | Dark | 44.500 | 64 | Gam Cen | 2.2000 | 10600. | 89 | 41831 | No |
| 124 | GOM_NL__2PRFIN20100301_101019_000000452087_00194_41831_7288.N1 | 01-MAR-2010 10:10:19 | Bright | 45.000 | 22 | 32Alp Leo | 1.3600 | 15200. | 90 | 41831 | No |
| 125 | GOM_NL__2PRFIN20100301_101256_000000442087_00194_41831_7289.N1 | 01-MAR-2010 10:12:56 | Bright | 44.000 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 88 | 41831 | No |
| 126 | GOM_NL__2PRFIN20100301_102151_000000462087_00194_41831_7290.N1 | 01-MAR-2010 10:21:51 | Bright | 46.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 92 | 41831 | No |
| 127 | GOM_NL__2PRFIN20100301_102437_000000422087_00194_41831_7291.N1 | 01-MAR-2010 10:24:37 | Bright | 42.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 84 | 41831 | No |
| 128 | GOM_NL__2PRFIN20100301_102557_000000422087_00194_41831_7292.N1 | 01-MAR-2010 10:25:57 | Bright | 41.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 83 | 41831 | No |
| 129 | GOM_NL__2PRFIN20100301_103307_000000442087_00194_41831_7293.N1 | 01-MAR-2010 10:33:07 | Bright | 43.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 87 | 41831 | No |
| 130 | GOM_NL__2PRFIN20100301_103748_000000482087_00194_41831_7294.N1 | 01-MAR-2010 10:37:48 | Bright | 47.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 95 | 41831 | No |
| 131 | GOM_NL__2PRFIN20100301_104212_000000482087_00194_41831_7295.N1 | 01-MAR-2010 10:42:12 | Bright | 47.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 95 | 41831 | No |
| 132 | GOM_NL__2PRFIN20100301_104508_000000502087_00194_41831_7296.N1 | 01-MAR-2010 10:45:08 | Bright | 50.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 100 | 41831 | No |
| 133 | GOM_NL__2PRFIN20100301_104717_000000432087_00194_41831_7297.N1 | 01-MAR-2010 10:47:17 | Bright | 43.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 86 | 41831 | No |
| 134 | GOM_NL__2PRFIN20100301_105454_000000582087_00194_41831_7298.N1 | 01-MAR-2010 10:54:54 | Bright | 58.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 116 | 41831 | No |
| 135 | GOM_NL__2PRFIN20100301_110631_000000422087_00194_41831_7299.N1 | 01-MAR-2010 11:06:31 | Dark | 42.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 84 | 41831 | No |
| 136 | GOM_NL__2PRFIN20100301_110938_000000462087_00194_41831_7300.N1 | 01-MAR-2010 11:09:38 | Dark | 45.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 91 | 41831 | No |
| 137 | GOM_NL__2PRFIN20100301_111229_000000472087_00194_41831_7301.N1 | 01-MAR-2010 11:12:29 | Dark | 46.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 93 | 41831 | No |
| 138 | GOM_NL__2PRFIN20100301_111437_000000532087_00194_41831_7302.N1 | 01-MAR-2010 11:14:37 | Dark | 52.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 105 | 41831 | No |
| 139 | GOM_NL__2PRFIN20100301_112032_000000492087_00195_41832_7290.N1 | 01-MAR-2010 11:20:32 | Dark | 49.000 | 131 | Gam Lup | 2.8000 | 26000. | 98 | 41832 | No |
| 140 | GOM_NL__2PRFIN20100301_112246_000000512087_00195_41832_7291.N1 | 01-MAR-2010 11:22:46 | Dark | 50.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 101 | 41832 | No |
| 141 | GOM_NL__2PRFIN20100301_112406_000000502087_00195_41832_7292.N1 | 01-MAR-2010 11:24:06 | Dark | 49.500 | 10 | Bet Cen | 0.61000 | 28000. | 99 | 41832 | No |
| 142 | GOM_NL__2PRFIN20100301_112553_000000432087_00195_41832_7293.N1 | 01-MAR-2010 11:25:53 | Dark | 43.000 | 77 | Eps Cen | 2.3030 | 28000. | 86 | 41832 | No |
| 143 | GOM_NL__2PRFIN20100301_112742_000000502087_00195_41832_7294.N1 | 01-MAR-2010 11:27:42 | Dark | 49.500 | 26 | Gam Cru | 1.6240 | 2900.0 | 99 | 41832 | No |
| 144 | GOM_NL__2PRFIN20100301_112907_000000422087_00195_41832_7295.N1 | 01-MAR-2010 11:29:07 | Dark | 42.000 | 64 | Gam Cen | 2.2000 | 10600. | 84 | 41832 | No |
| 145 | GOM_NL__2PRFIN20100301_115055_000000452087_00195_41832_7296.N1 | 01-MAR-2010 11:50:55 | Bright | 44.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 89 | 41832 | No |
| 146 | GOM_NL__2PRFIN20100301_115332_000000452087_00195_41832_7297.N1 | 01-MAR-2010 11:53:32 | Bright | 45.000 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 90 | 41832 | No |
| 147 | GOM_NL__2PRFIN20100301_120227_000000452087_00195_41832_7298.N1 | 01-MAR-2010 12:02:27 | Bright | 44.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 89 | 41832 | No |
| 148 | GOM_NL__2PRFIN20100301_120512_000000422087_00195_41832_7299.N1 | 01-MAR-2010 12:05:12 | Bright | 42.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 84 | 41832 | No |
| 149 | GOM_NL__2PRFIN20100301_120632_000000592087_00195_41832_7300.N1 | 01-MAR-2010 12:06:32 | Bright | 59.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 118 | 41832 | No |
| 150 | GOM_NL__2PRFIN20100301_121342_000000402087_00195_41832_7301.N1 | 01-MAR-2010 12:13:42 | Bright | 39.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 79 | 41832 | No |
| 151 | GOM_NL__2PRFIN20100301_121824_000000432087_00195_41832_7302.N1 | 01-MAR-2010 12:18:24 | Bright | 43.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 86 | 41832 | No |
| 152 | GOM_NL__2PRFIN20100301_122248_000000482087_00195_41832_7303.N1 | 01-MAR-2010 12:22:48 | Bright | 47.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 95 | 41832 | No |
| 153 | GOM_NL__2PRFIN20100301_122544_000000542087_00195_41832_7304.N1 | 01-MAR-2010 12:25:44 | Bright | 54.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 108 | 41832 | No |
| 154 | GOM_NL__2PRFIN20100301_122753_000000422087_00195_41832_7305.N1 | 01-MAR-2010 12:27:53 | Bright | 41.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 83 | 41832 | No |
| 155 | GOM_NL__2PRFIN20100301_123530_000000392087_00195_41832_7306.N1 | 01-MAR-2010 12:35:30 | Bright | 39.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 78 | 41832 | No |
| 156 | GOM_NL__2PRFIN20100301_124518_000000432087_00195_41832_7307.N1 | 01-MAR-2010 12:45:18 | Dark | 42.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 85 | 41832 | No |
| 157 | GOM_NL__2PRFIN20100301_124708_000000432087_00195_41832_7308.N1 | 01-MAR-2010 12:47:08 | Dark | 42.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 85 | 41832 | No |
| 158 | GOM_NL__2PRFIN20100301_125014_000000452087_00195_41832_7309.N1 | 01-MAR-2010 12:50:14 | Dark | 44.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 89 | 41832 | No |
| 159 | GOM_NL__2PRFIN20100301_125306_000000482087_00195_41832_7310.N1 | 01-MAR-2010 12:53:06 | Dark | 48.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 96 | 41832 | No |
| 160 | GOM_NL__2PRFIN20100301_125514_000000532087_00195_41832_7311.N1 | 01-MAR-2010 12:55:14 | Dark | 53.000 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 106 | 41832 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|--------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 279 | GOM_NL__2PRFIN20100301_220559_000000462087_00201_41838_7391.N1 | 01-MAR-2010 22:05:59 | Bright | 45.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 91 | 41838 | No |
| 280 | GOM_NL__2PRFIN20100301_220845_000000422087_00201_41838_7392.N1 | 01-MAR-2010 22:08:45 | Bright | 41.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 83 | 41838 | No |
| 281 | GOM_NL__2PRFIN20100301_221005_000000442087_00201_41838_7393.N1 | 01-MAR-2010 22:10:05 | Bright | 43.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 87 | 41838 | No |
| 282 | GOM_NL__2PRFIN20100301_221716_000000402087_00201_41838_7394.N1 | 01-MAR-2010 22:17:16 | Bright | 40.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 80 | 41838 | No |
| 283 | GOM_NL__2PRFIN20100301_222157_000000432087_00201_41838_7395.N1 | 01-MAR-2010 22:21:57 | Bright | 43.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 86 | 41838 | No |
| 284 | GOM_NL__2PRFIN20100301_222622_000000462087_00201_41838_7396.N1 | 01-MAR-2010 22:26:22 | Bright | 45.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 91 | 41838 | No |
| 285 | GOM_NL__2PRFIN20100301_222920_000000372087_00201_41838_7397.N1 | 01-MAR-2010 22:29:20 | Bright | 36.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 73 | 41838 | No |
| 286 | GOM_NL__2PRFIN20100301_223129_000000442087_00201_41838_7398.N1 | 01-MAR-2010 22:31:29 | Bright | 43.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 87 | 41838 | No |
| 287 | GOM_NL__2PRFIN20100301_224857_000000422087_00201_41838_7399.N1 | 01-MAR-2010 22:48:57 | Dark | 41.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 83 | 41838 | No |
| 288 | GOM_NL__2PRFIN20100301_225046_000000442087_00201_41838_7400.N1 | 01-MAR-2010 22:50:46 | Dark | 43.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 87 | 41838 | No |
| 289 | GOM_NL__2PRFIN20100301_225354_000000452087_00201_41838_7401.N1 | 01-MAR-2010 22:53:54 | Dark | 45.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 90 | 41838 | No |
| 290 | GOM_NL__2PRFIN20100301_225647_000000542087_00201_41838_7402.N1 | 01-MAR-2010 22:56:47 | Dark | 53.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 107 | 41838 | No |
| 291 | GOM_NL__2PRFIN20100301_225857_000000522087_00201_41838_7403.N1 | 01-MAR-2010 22:58:57 | Dark | 51.500 | 75 | 26Eps Sco | 2.2910 | 4250.0 | 103 | 41838 | No |
| 292 | GOM_NL__2PRFIN20100301_230452_000000512087_00202_41839_7392.N1 | 01-MAR-2010 23:04:52 | Dark | 50.500 | 131 | Gam Lup | 2.8000 | 26000. | 101 | 41839 | No |
| 293 | GOM_NL__2PRFIN20100301_230702_000000442087_00202_41839_7393.N1 | 01-MAR-2010 23:07:02 | Dark | 43.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 87 | 41839 | No |
| 294 | GOM_NL__2PRFIN20100301_230821_000000422087_00202_41839_7394.N1 | 01-MAR-2010 23:08:21 | Dark | 42.000 | 10 | Bet Cen | 0.61000 | 28000. | 84 | 41839 | No |
| 295 | GOM_NL__2PRFIN20100301_231010_000000422087_00202_41839_7395.N1 | 01-MAR-2010 23:10:10 | Dark | 42.000 | 77 | Eps Cen | 2.3030 | 28000. | 84 | 41839 | No |
| 296 | GOM_NL__2PRFIN20100301_231157_000000532087_00202_41839_7396.N1 | 01-MAR-2010 23:11:57 | Dark | 52.500 | 26 | Gam Cru | 1.6240 | 2900.0 | 105 | 41839 | No |
| 297 | GOM_NL__2PRFIN20100301_231322_000000472087_00202_41839_7397.N1 | 01-MAR-2010 23:13:22 | Dark | 46.500 | 64 | Gam Cen | 2.2000 | 10600. | 93 | 41839 | No |
| 298 | GOM_NL__2PRFIN20100301_233505_000000452087_00202_41839_7398.N1 | 01-MAR-2010 23:35:05 | Bright | 44.500 | 22 | 32Alp Leo | 1.3600 | 15200. | 89 | 41839 | No |
| 299 | GOM_NL__2PRFIN20100301_233741_000000452087_00202_41839_7399.N1 | 01-MAR-2010 23:37:41 | Bright | 44.500 | 51 | 41Gam1Leo | 2.0100 | 4500.0 | 89 | 41839 | No |
| 300 | GOM_NL__2PRFIN20100301_234634_000000442087_00202_41839_7400.N1 | 01-MAR-2010 23:46:34 | Bright | 43.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 87 | 41839 | No |
| 301 | GOM_NL__2PRFIN20100301_234920_000000422087_00202_41839_7401.N1 | 01-MAR-2010 23:49:20 | Bright | 41.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 83 | 41839 | No |
| 302 | GOM_NL__2PRFIN20100301_235041_000000442087_00202_41839_7402.N1 | 01-MAR-2010 23:50:41 | Bright | 43.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 87 | 41839 | No |
| 303 | GOM_NL__2PRFIN20100301_235751_000000422087_00202_41839_7403.N1 | 01-MAR-2010 23:57:51 | Bright | 42.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 84 | 41839 | No |

3. Quality information per product

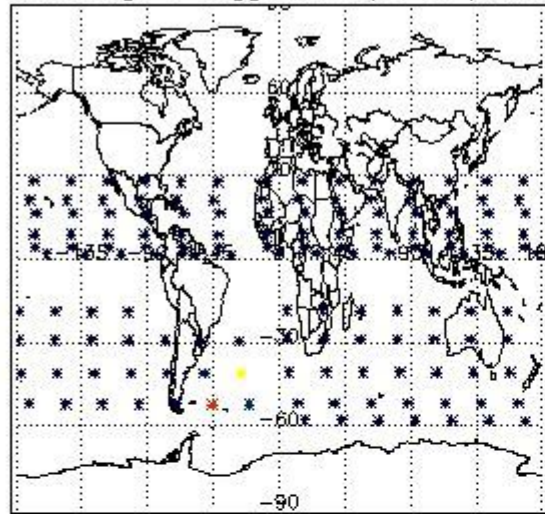
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

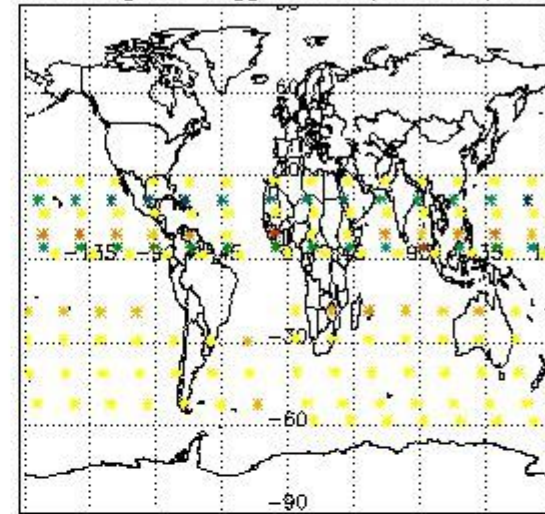


3.2 Plot quality information per product (world map)

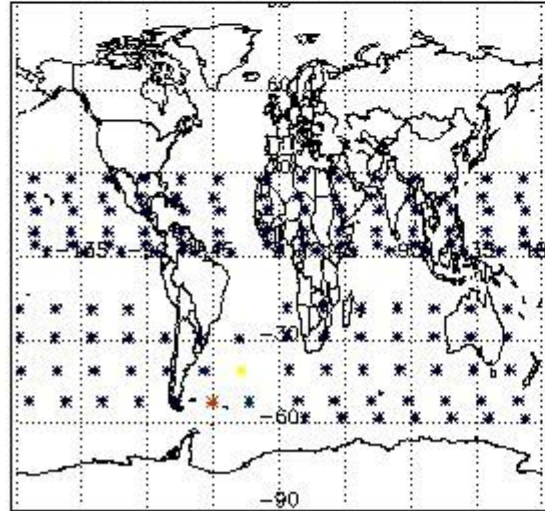
Percentage of flagged data per O3 profile



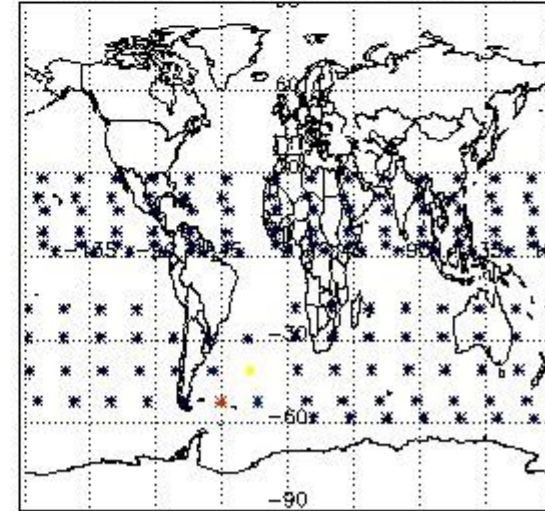
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

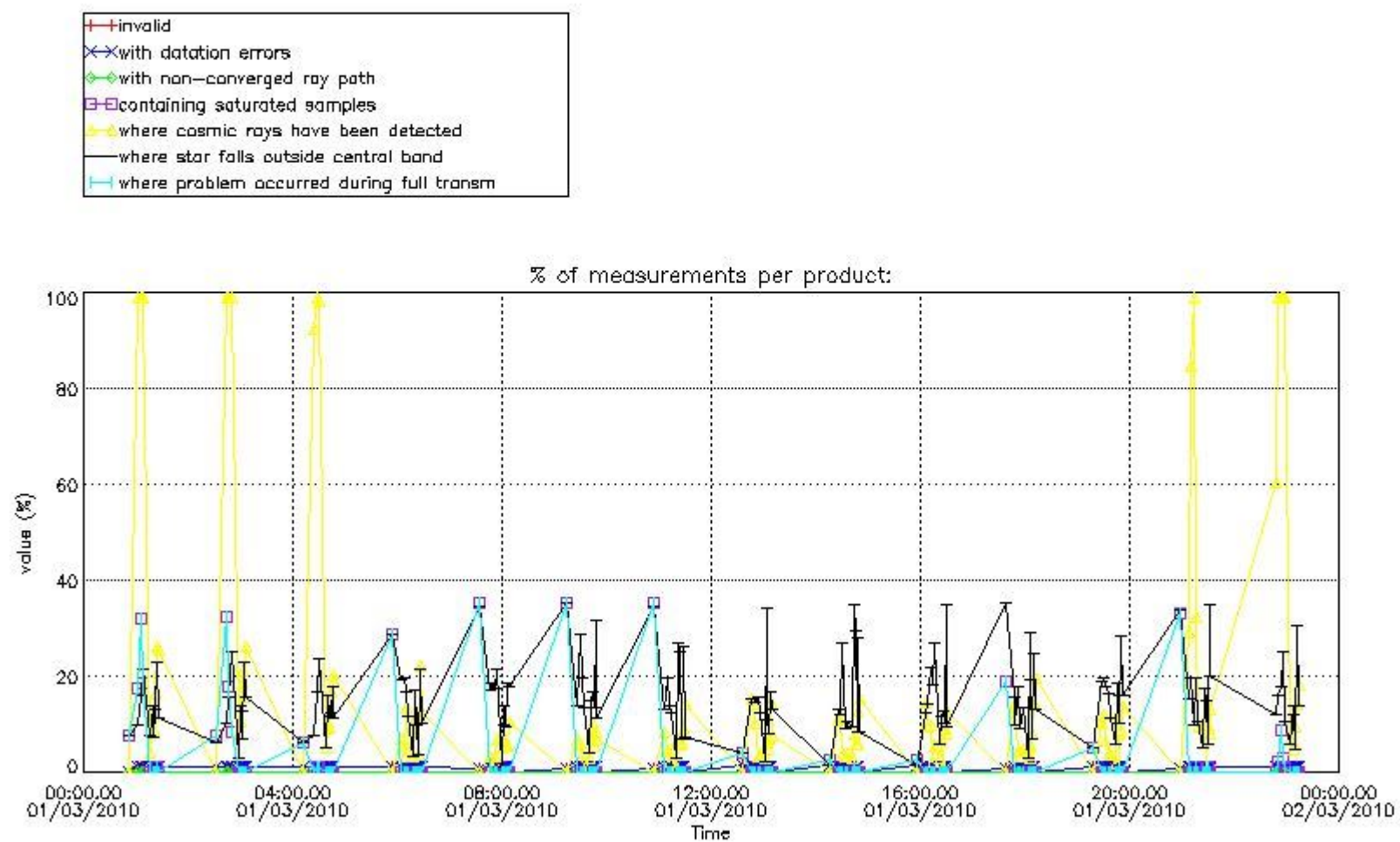


4. Level 1 quality information per product

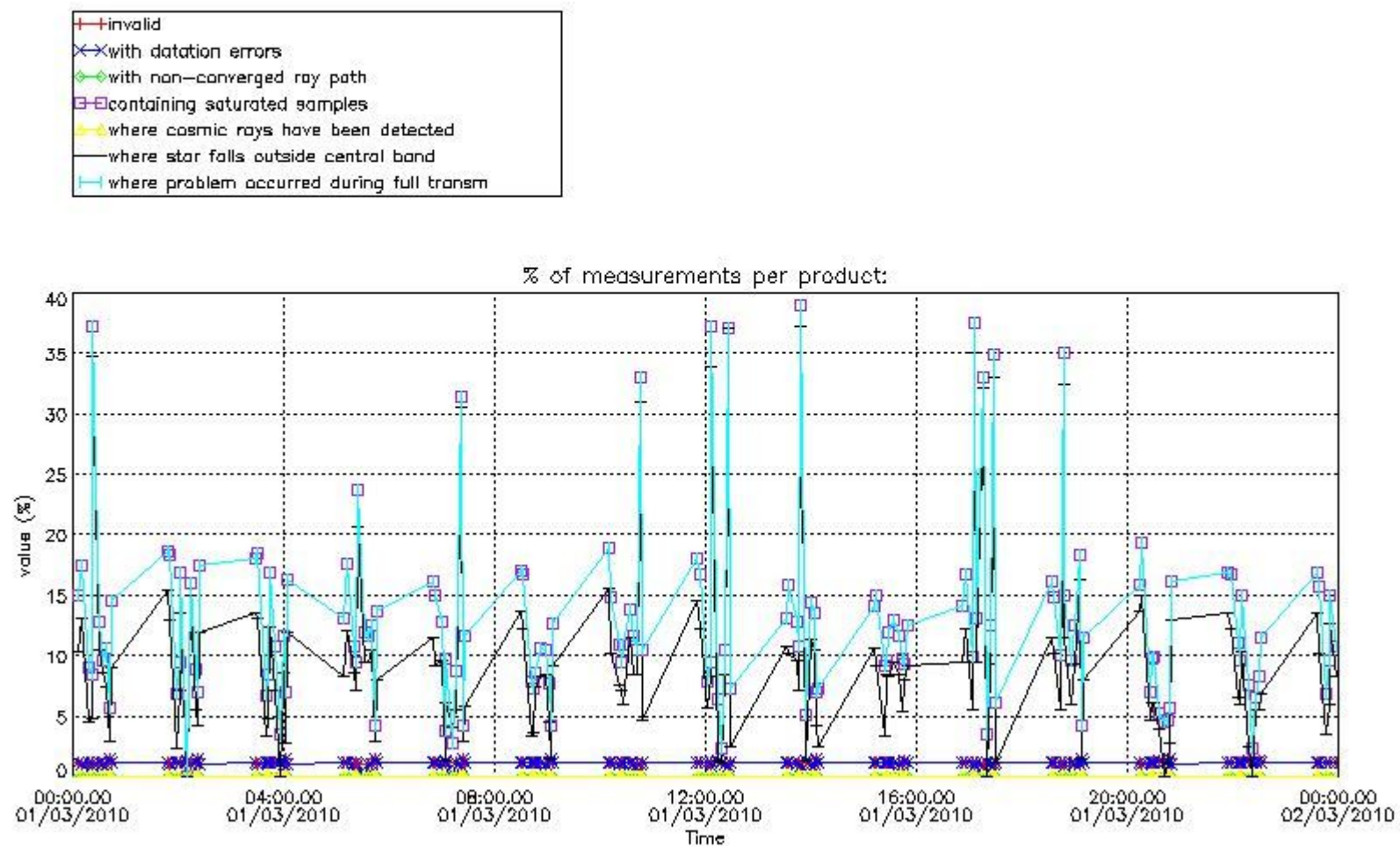
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



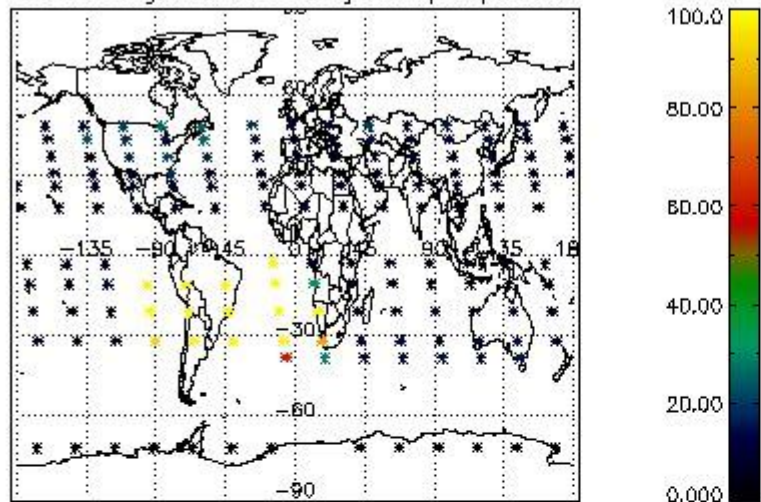
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



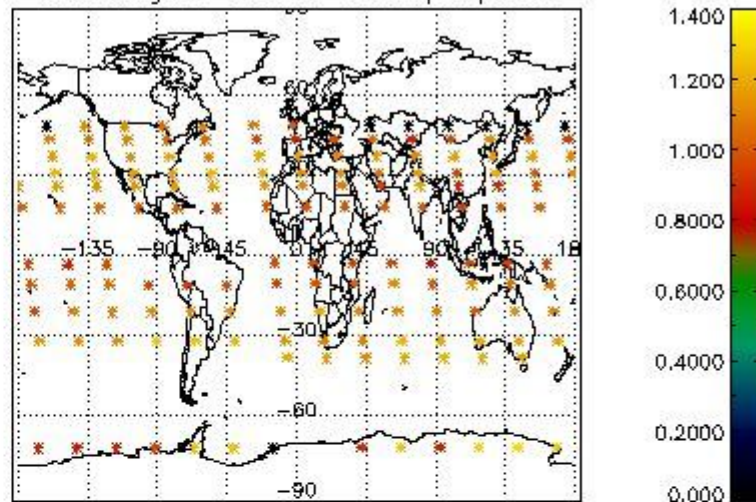
4.2 Plot quality information per product coming from level 1b processing (world map)

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

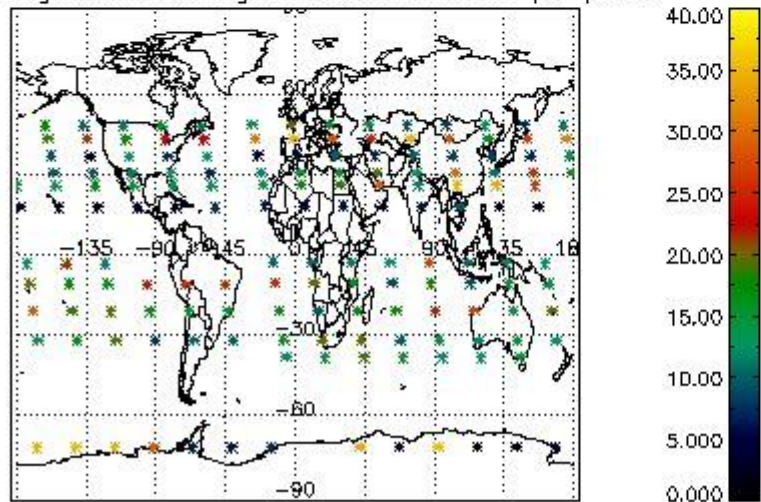
Percentage of cosmic ray hits per profile



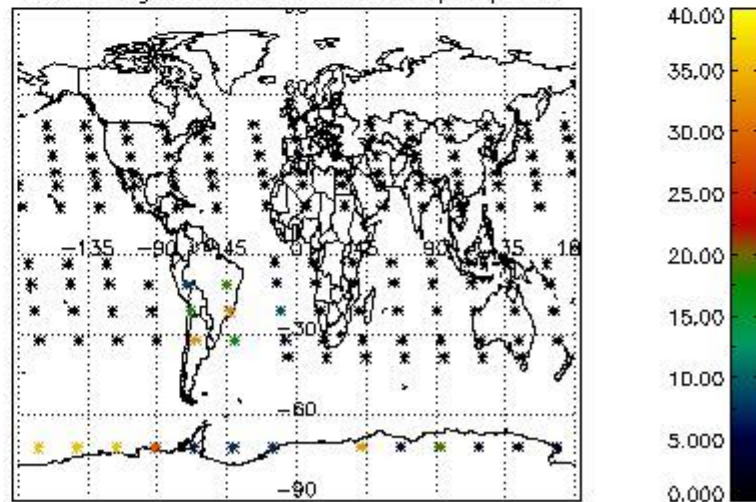
Percentage of datation errors per profile



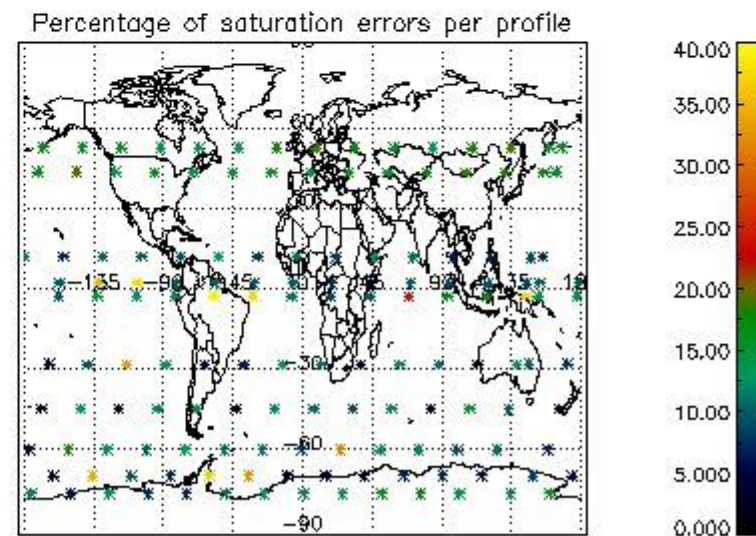
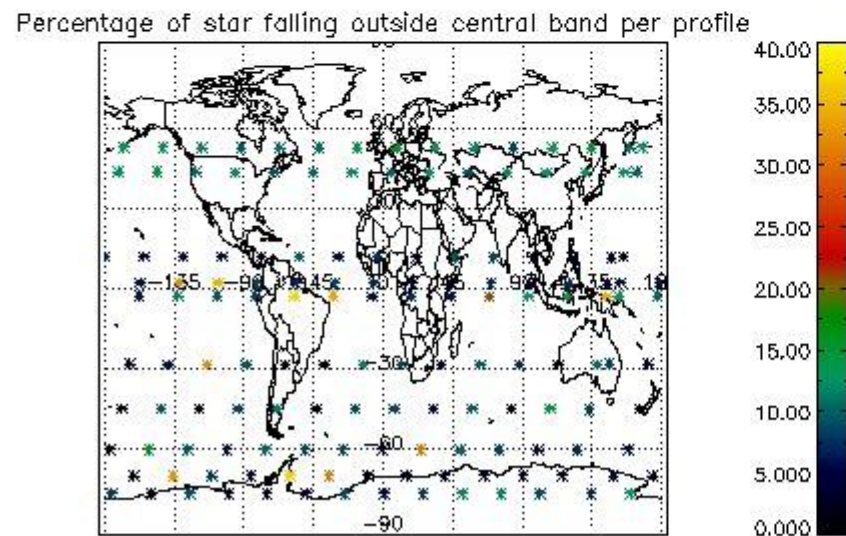
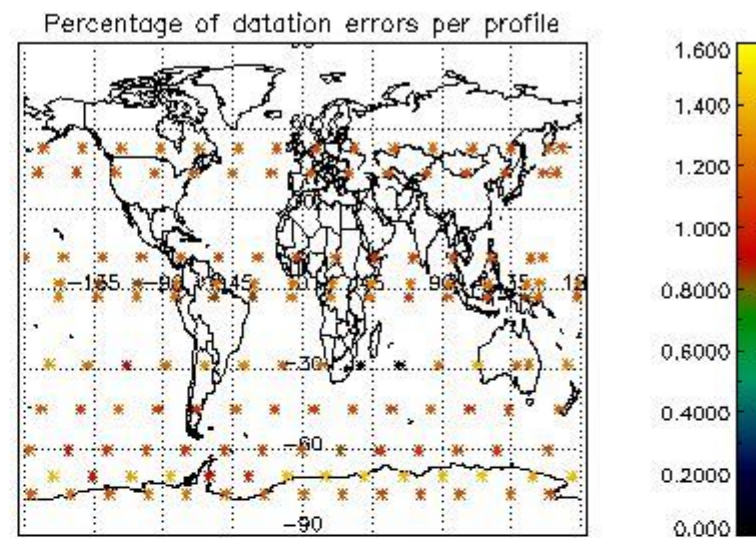
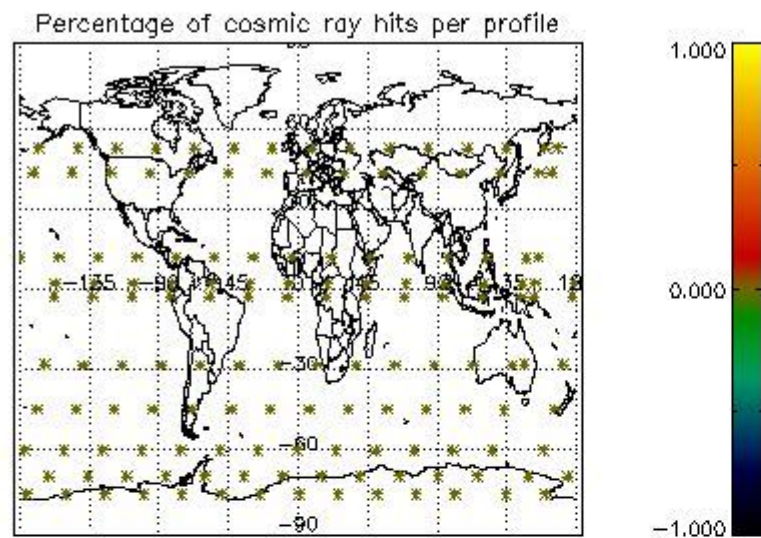
Percentage of star falling outside central band per profile



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

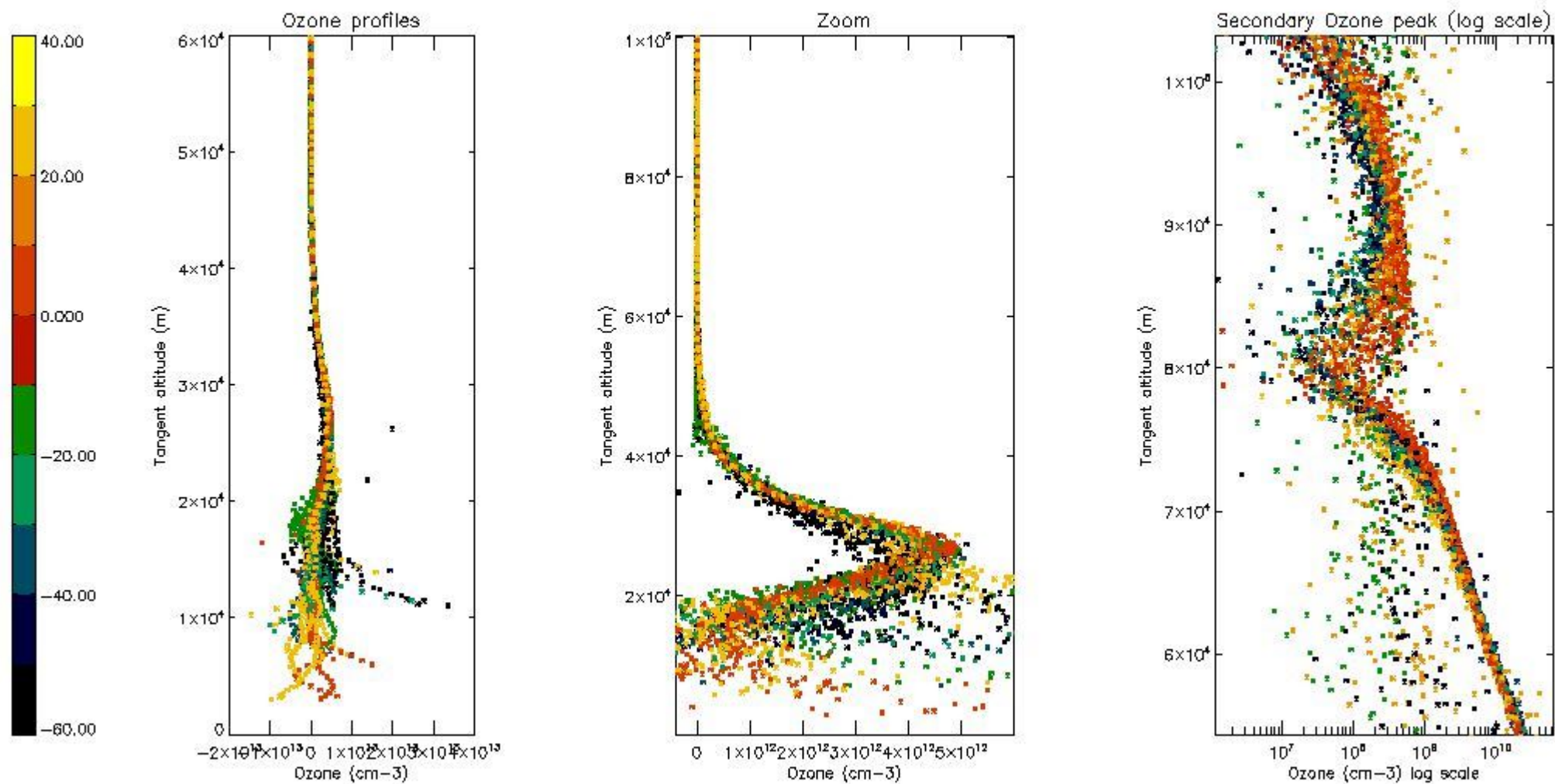
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 50 |
| STD < 20 | 27 |

| | |
|----------|----|
| STD < 10 | 22 |
| STD < 5 | 15 |

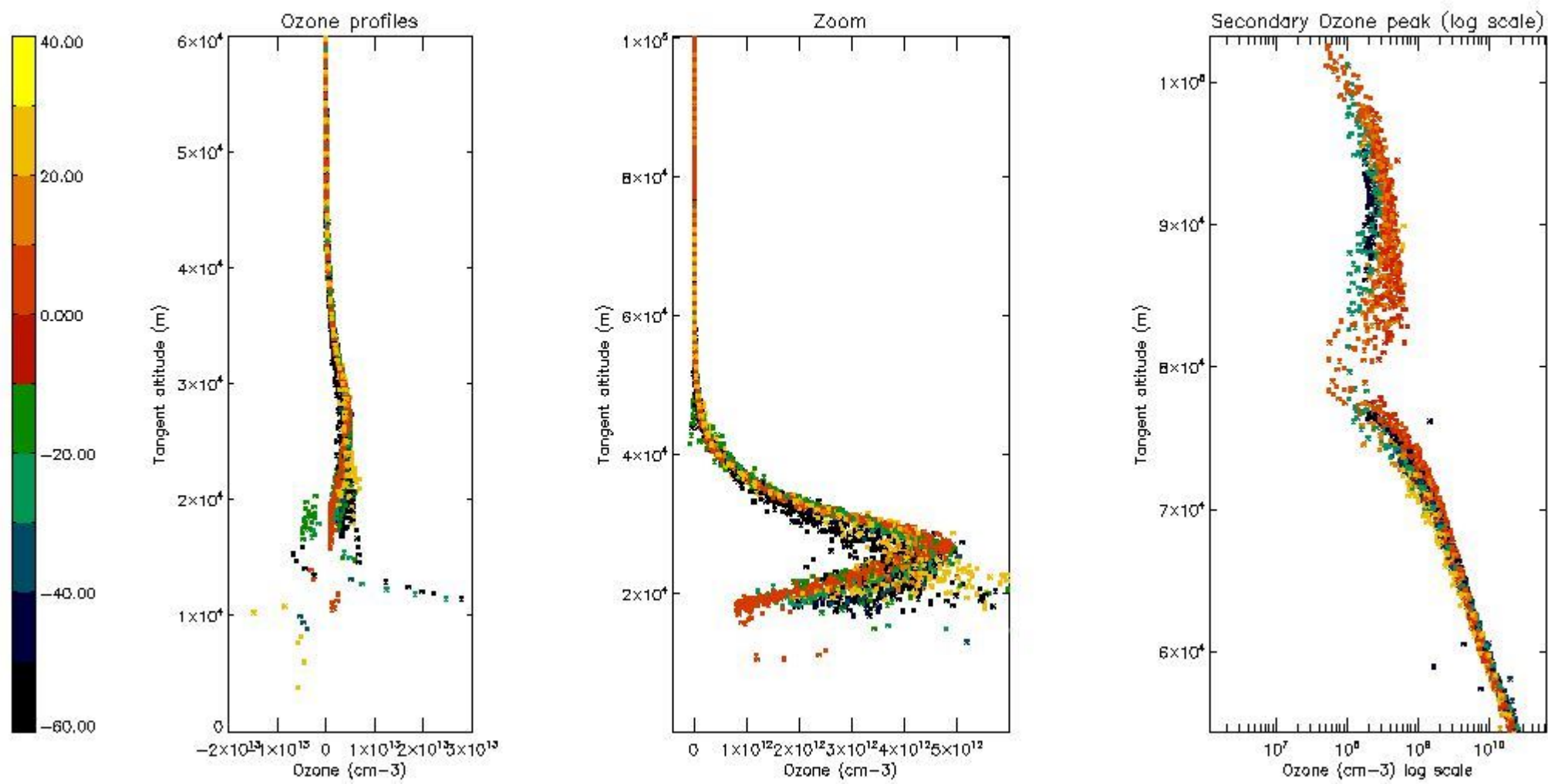
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



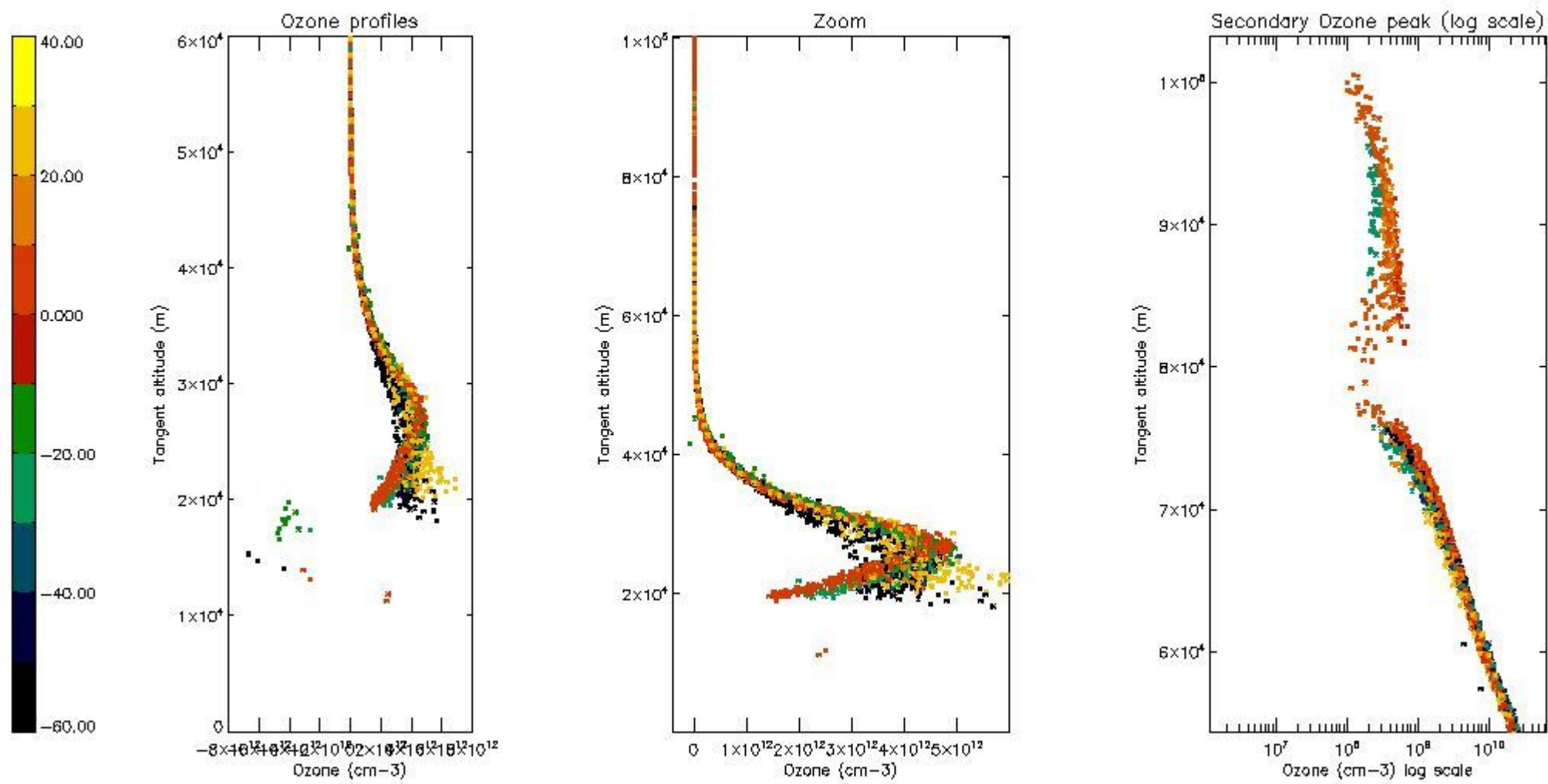
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



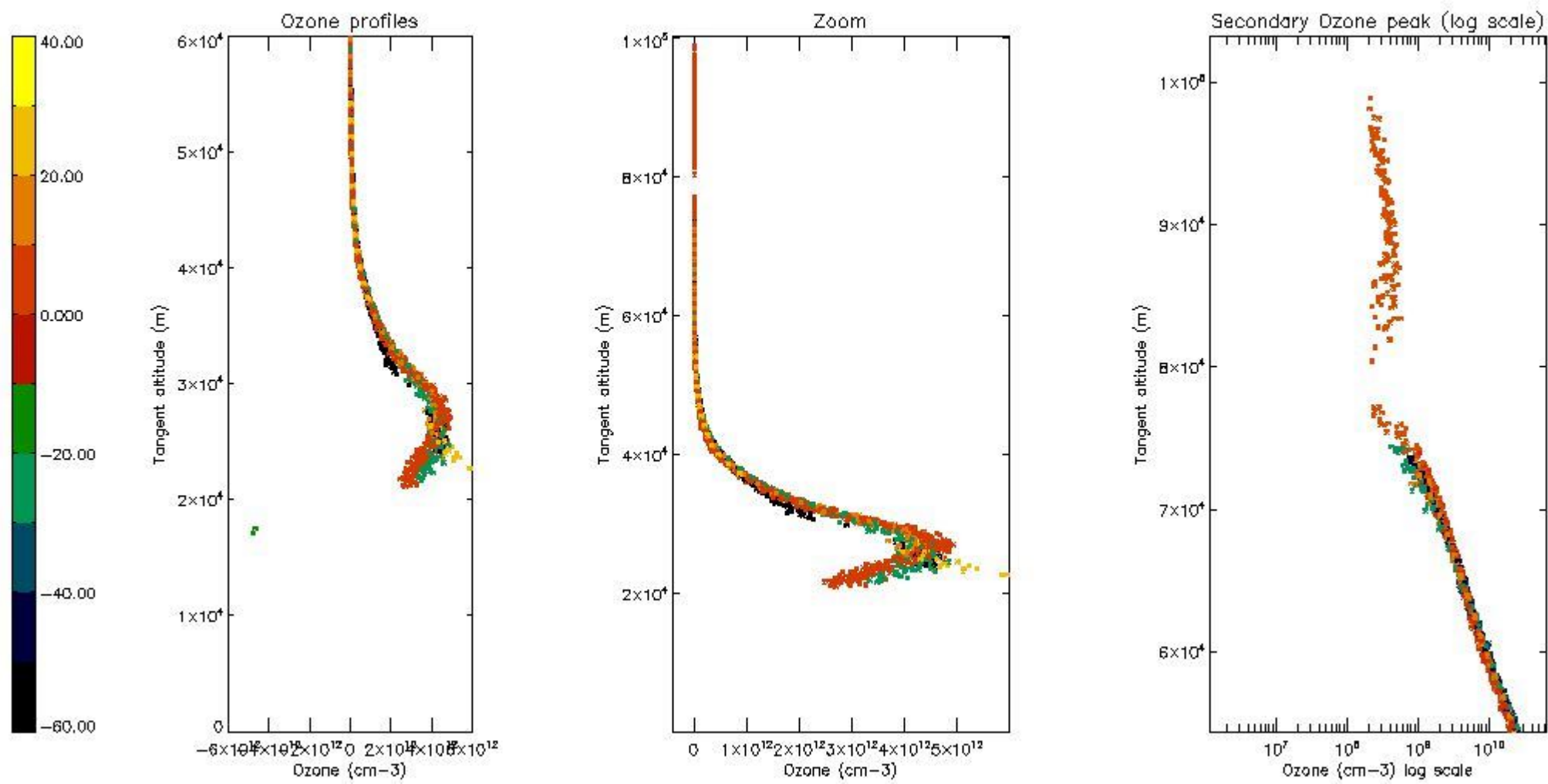
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



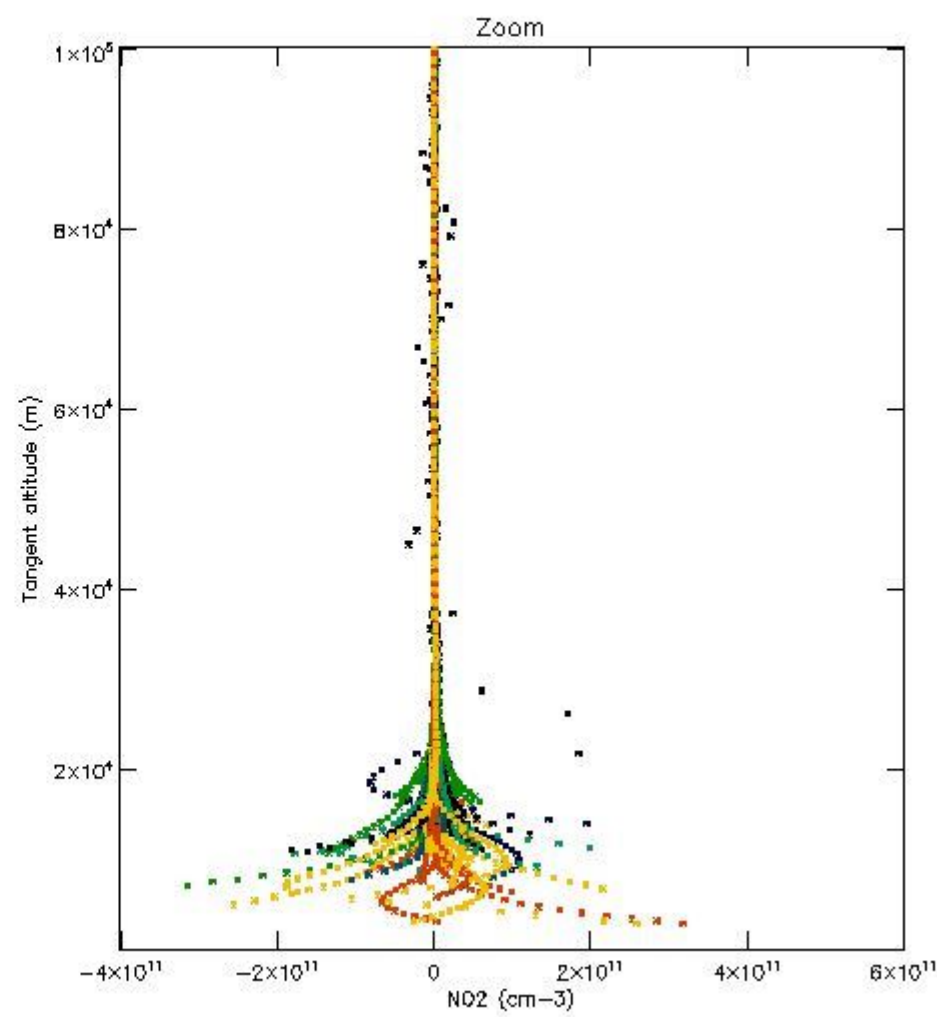
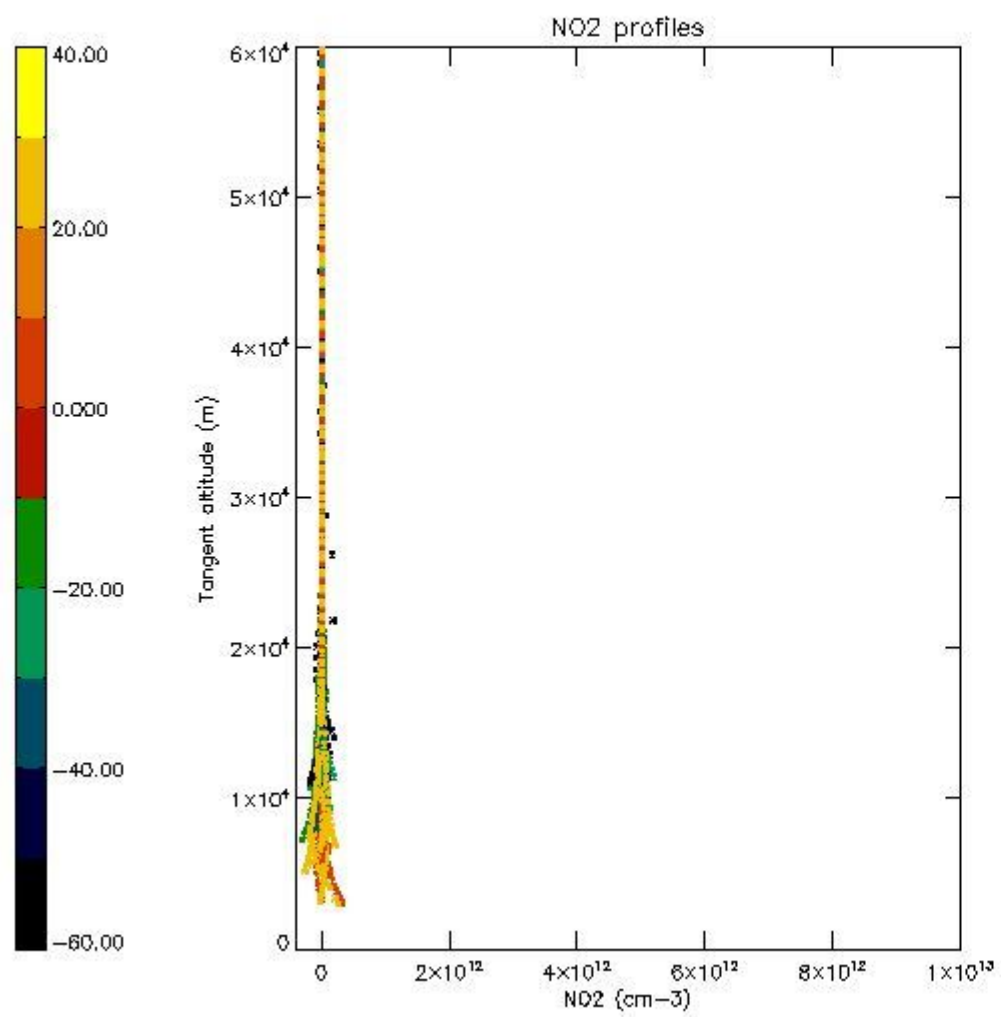
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



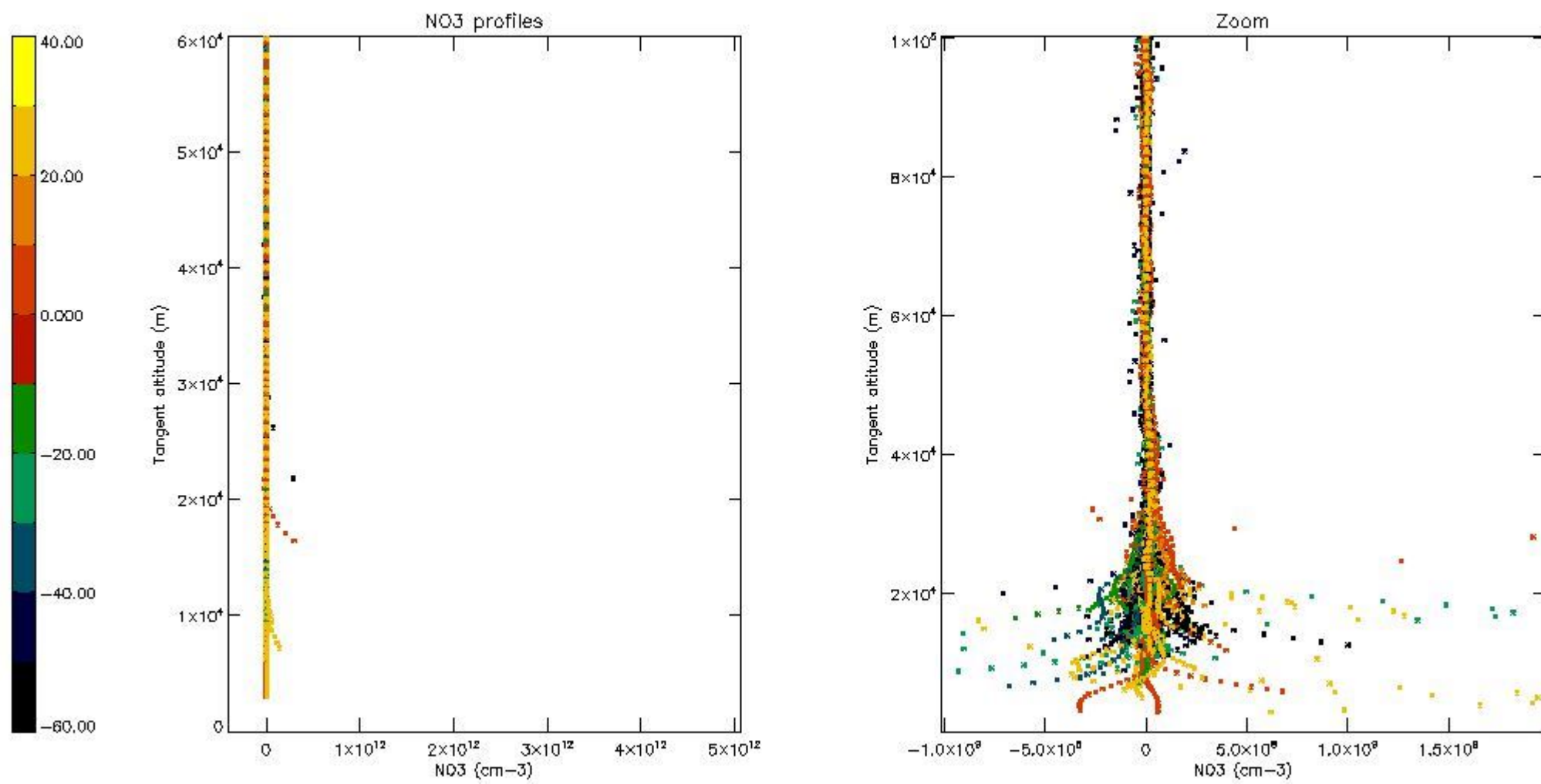
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



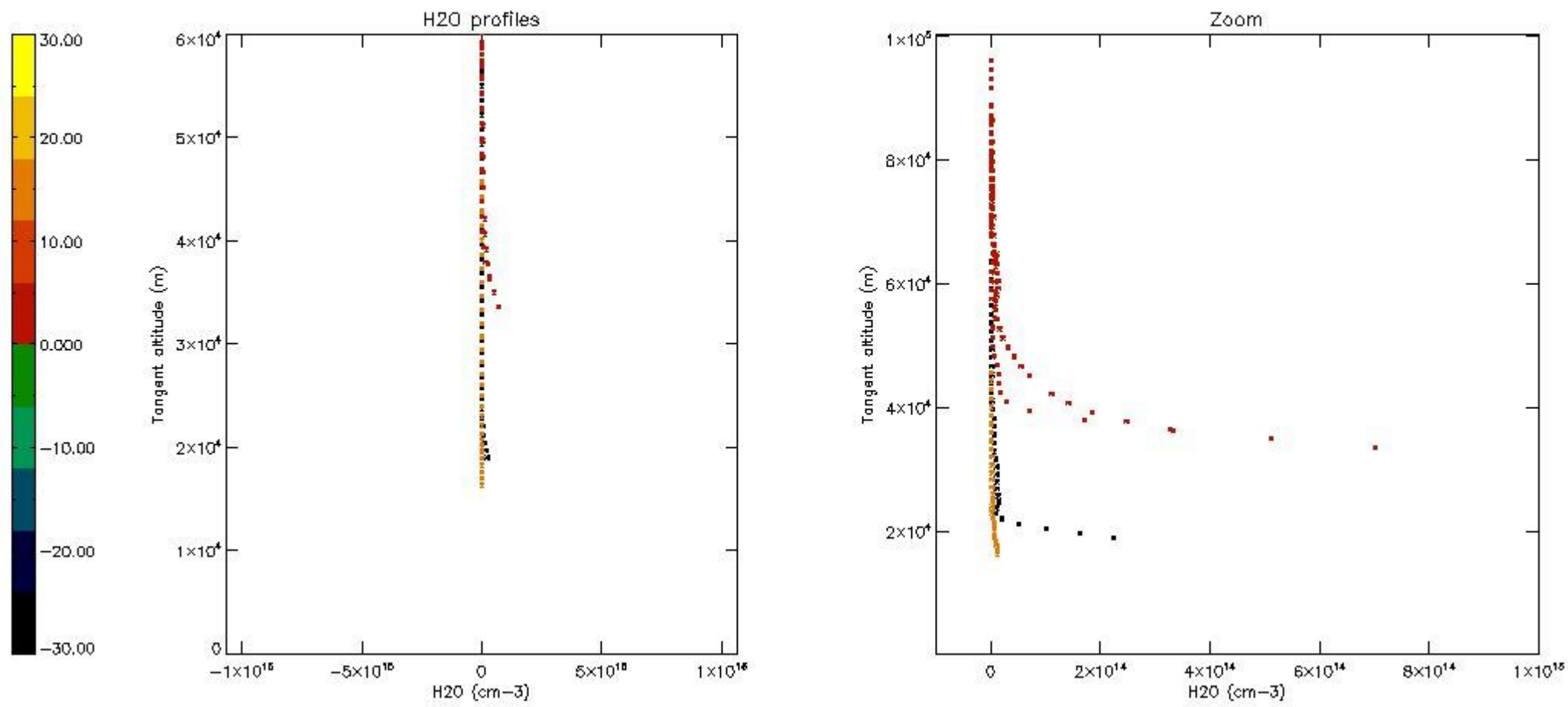
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

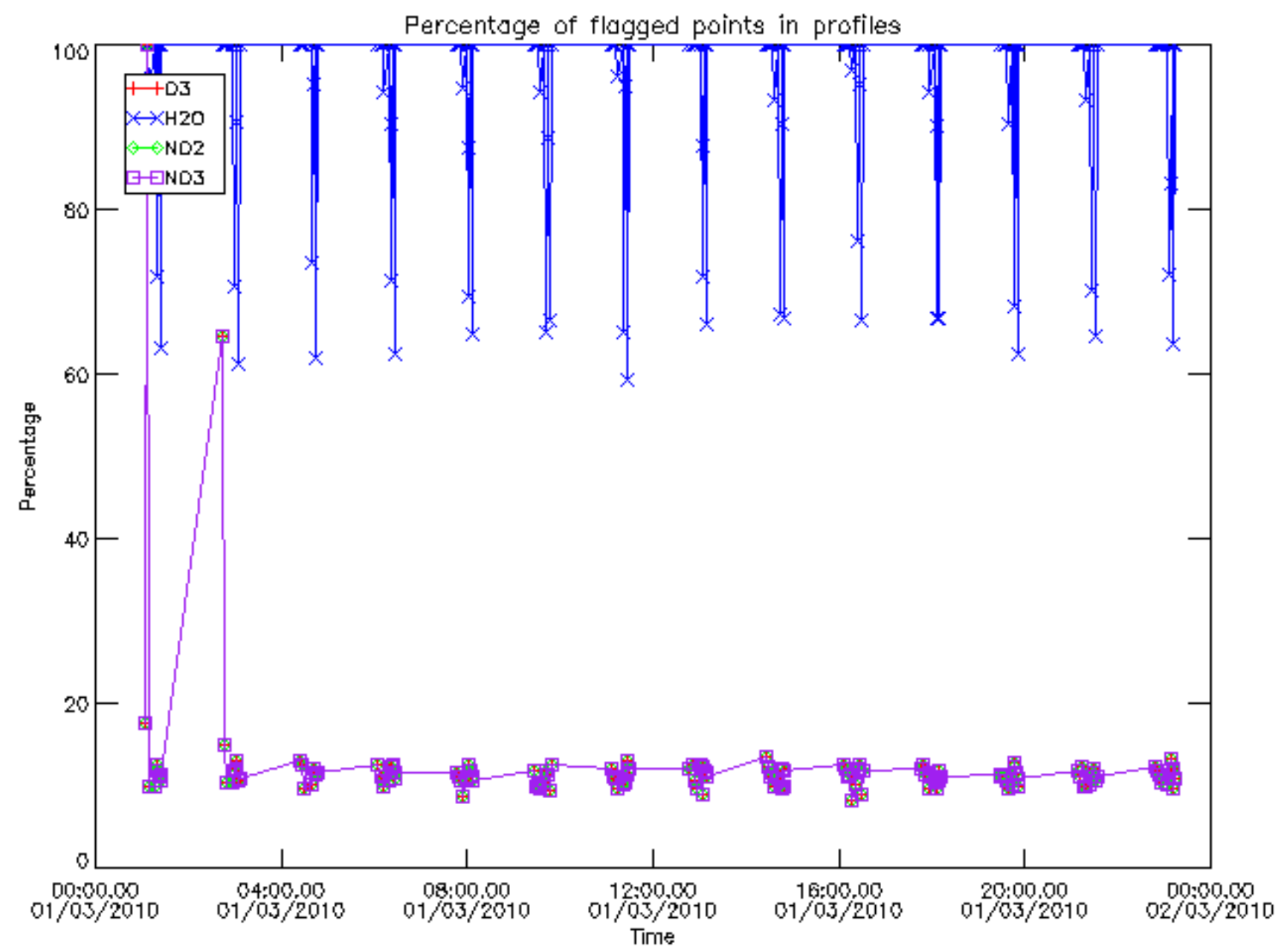
The colorbar represents the latitude.



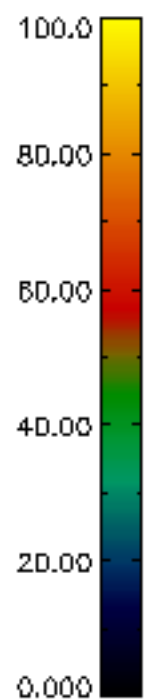
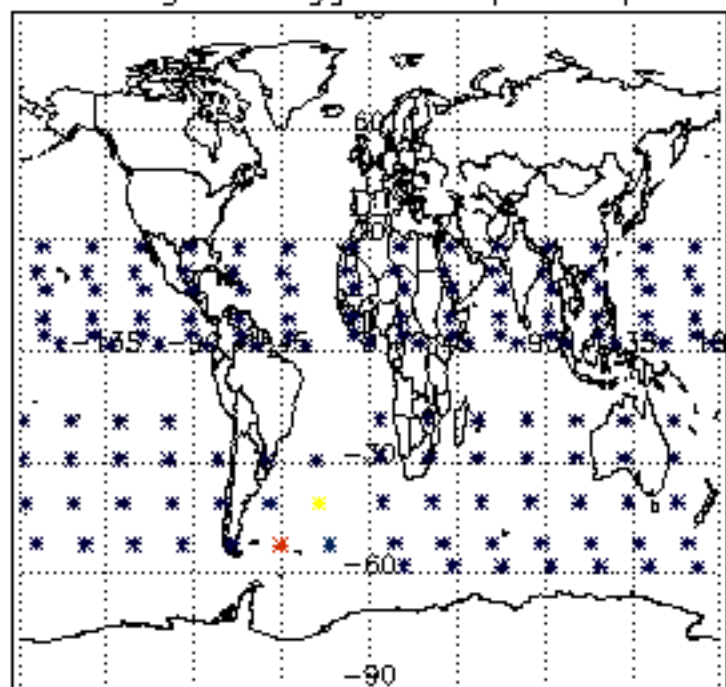
6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

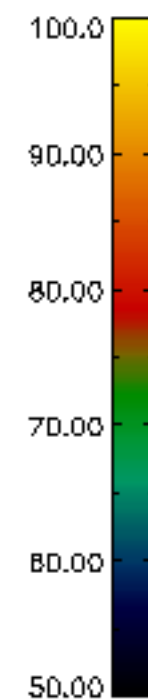
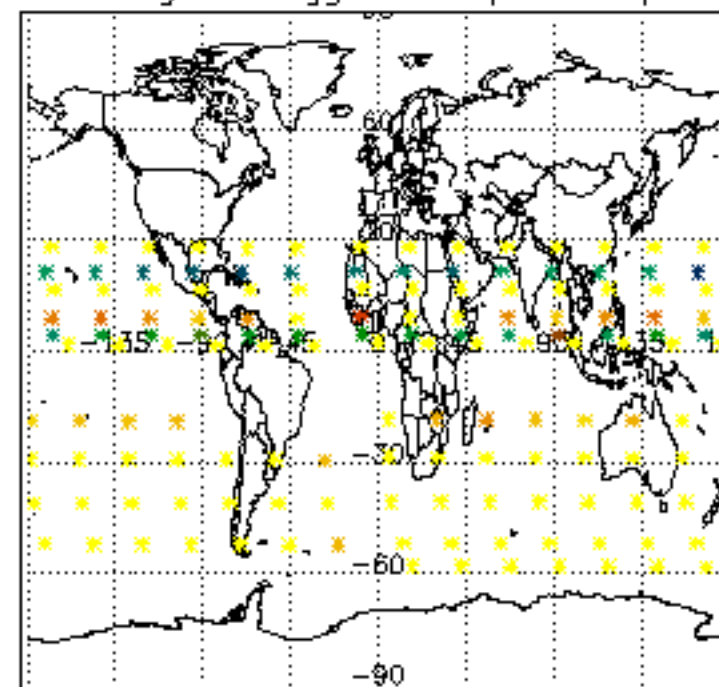
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 01-MAR-2010 00:06:44 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 01-MAR-2010 00:06:44 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 01-MAR-2010 00:06:44 |



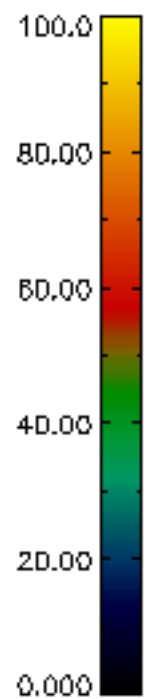
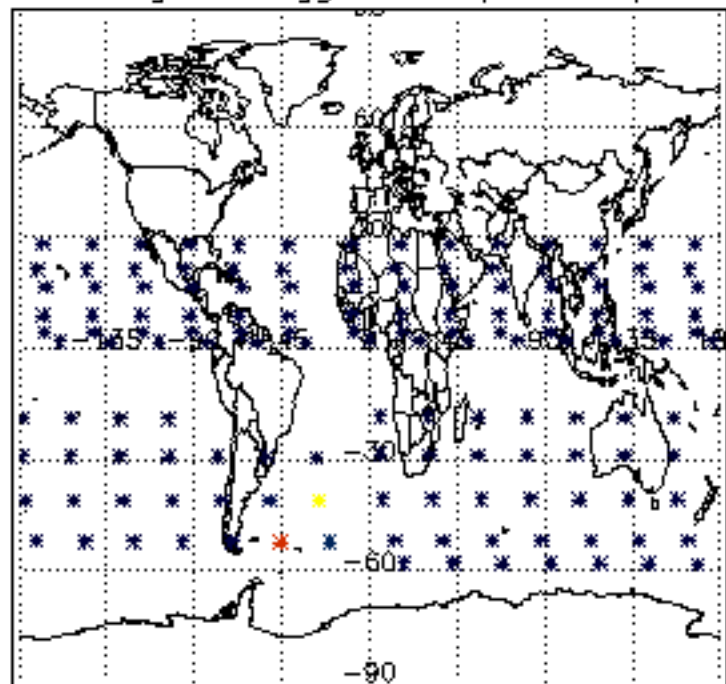
Percentage of flagged data per D3 profile



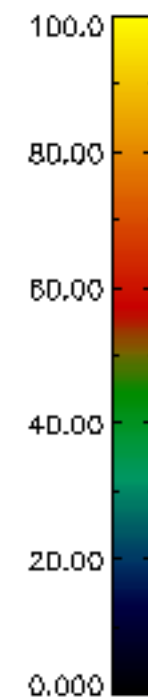
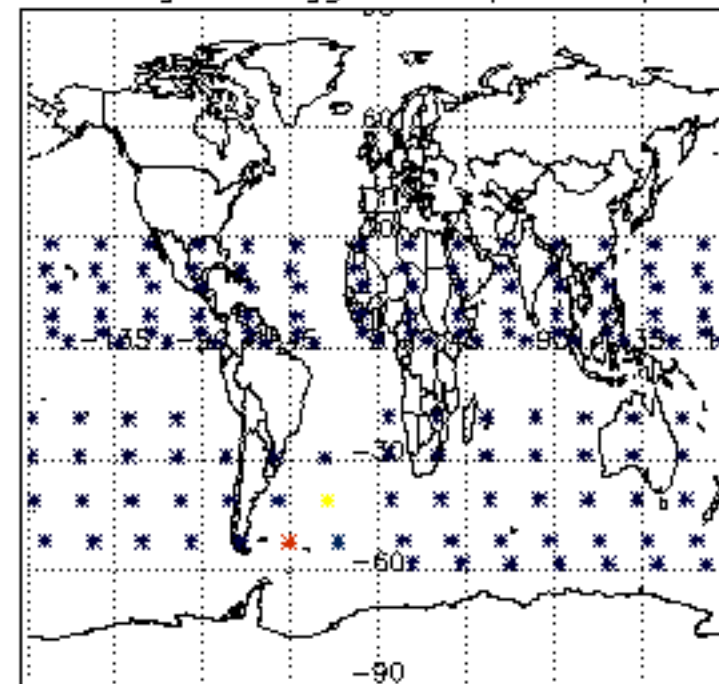
Percentage of flagged data per H2O profile

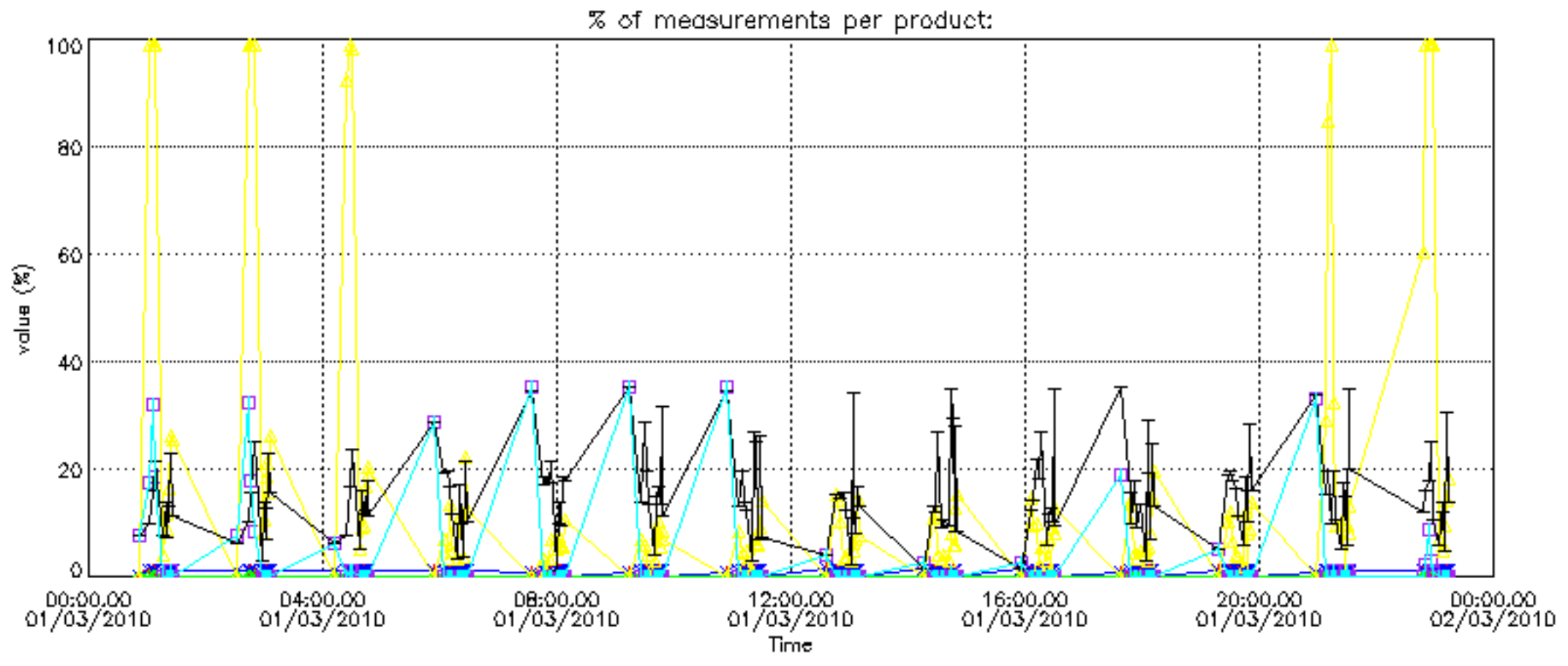


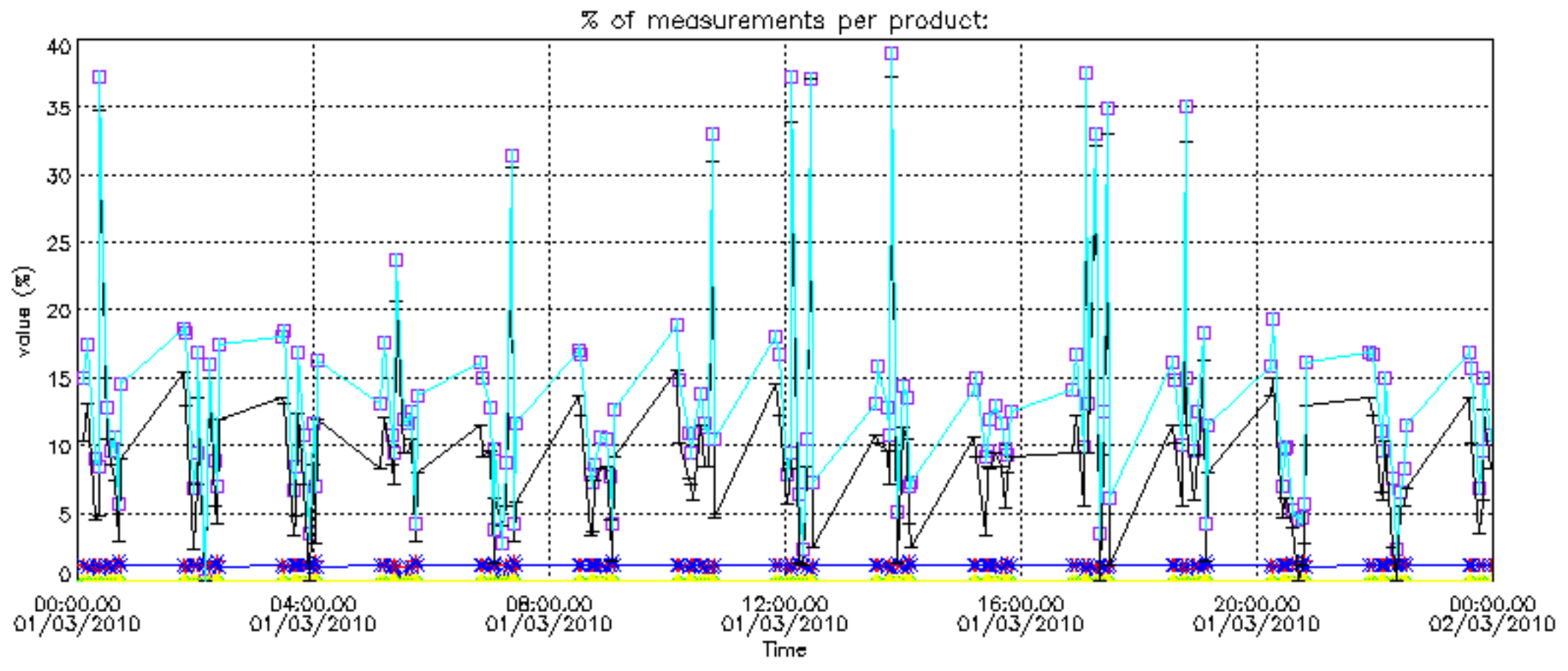
Percentage of flagged data per NO2 profile



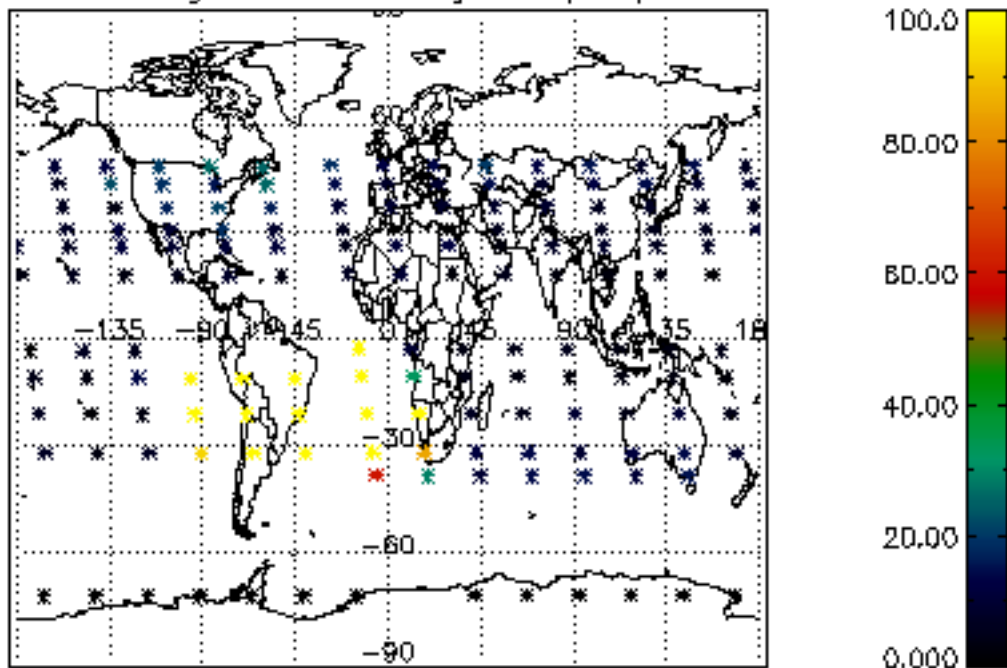
Percentage of flagged data per NO3 profile



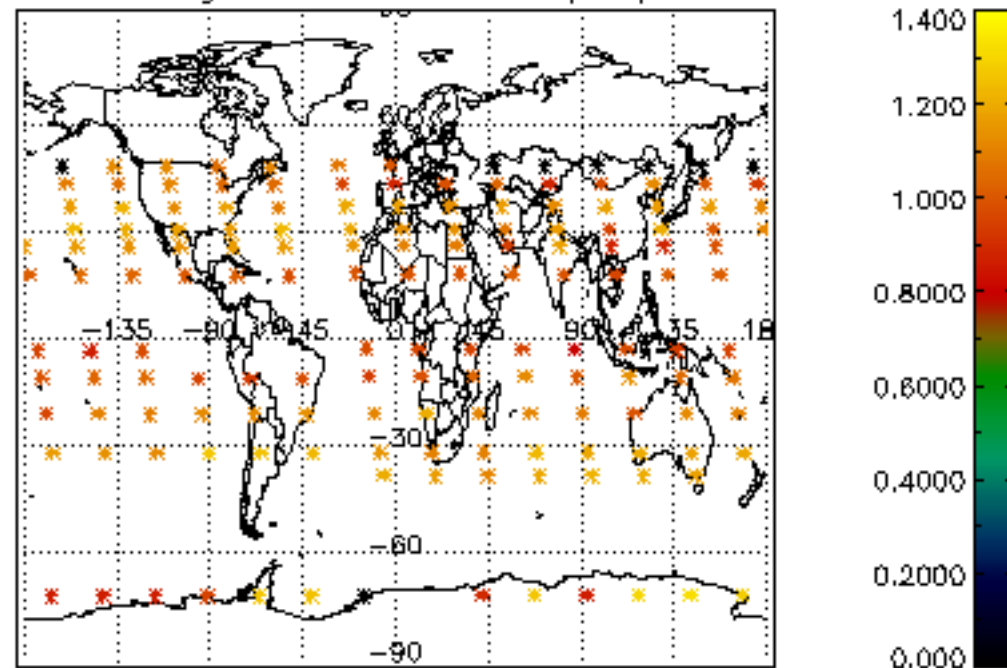




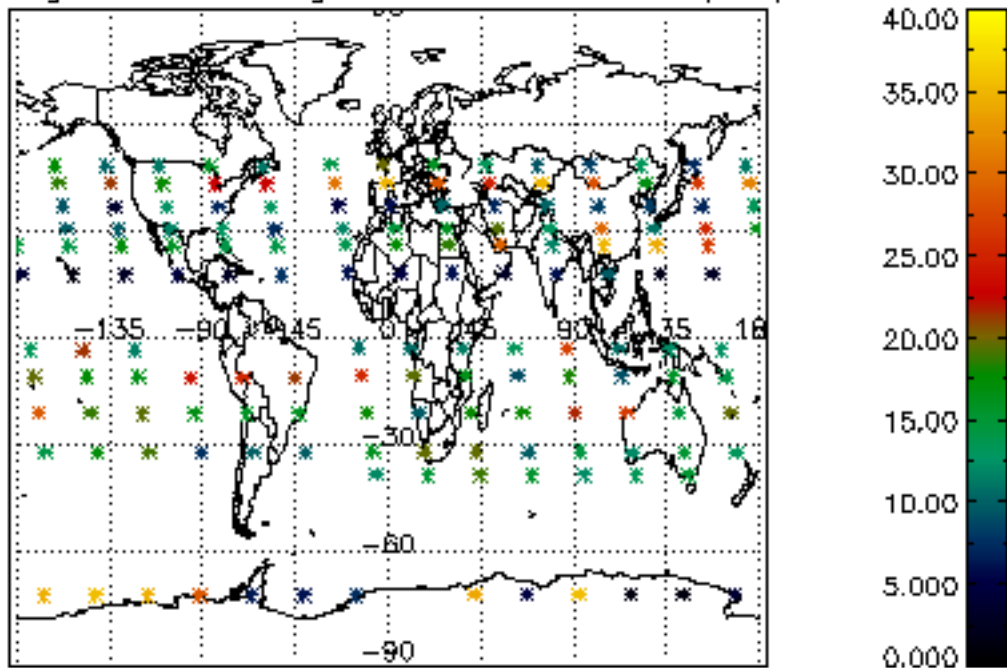
Percentage of cosmic ray hits per profile



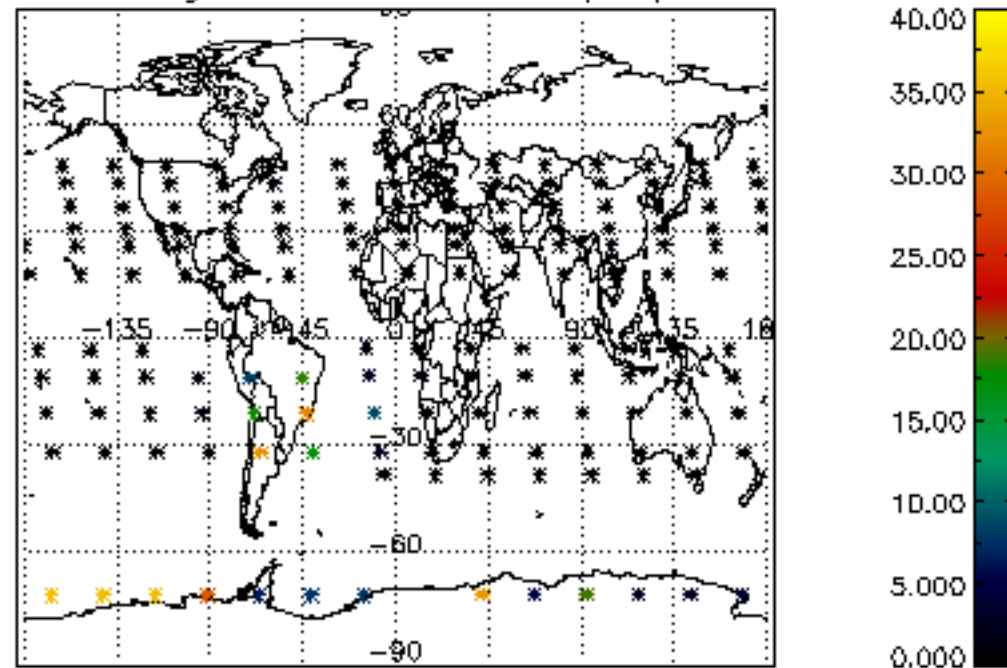
Percentage of datation errors per profile



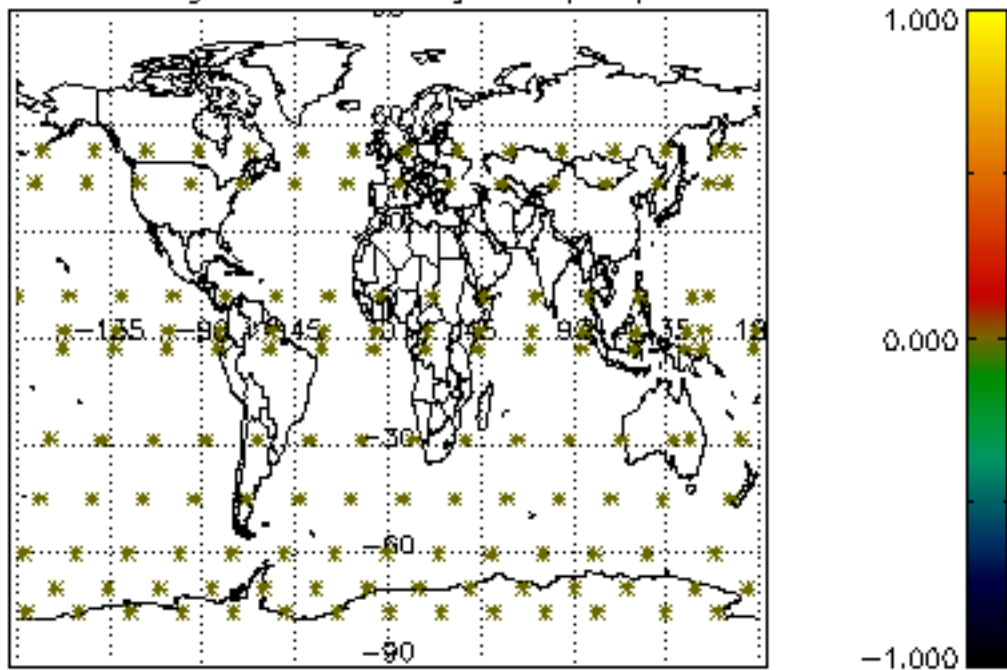
Percentage of star falling outside central band per profile



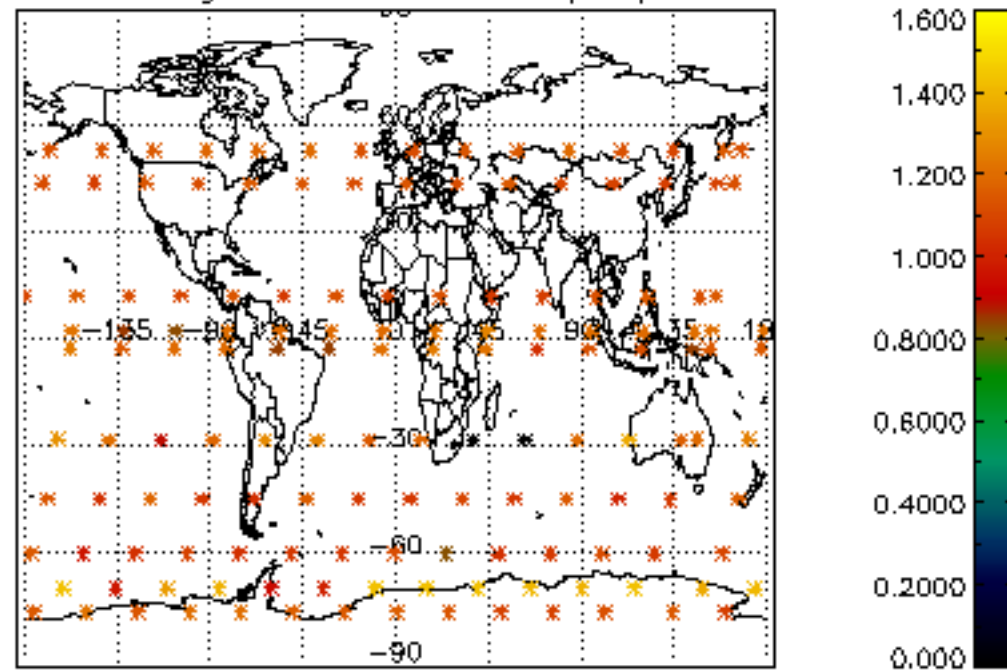
Percentage of saturation errors per profile



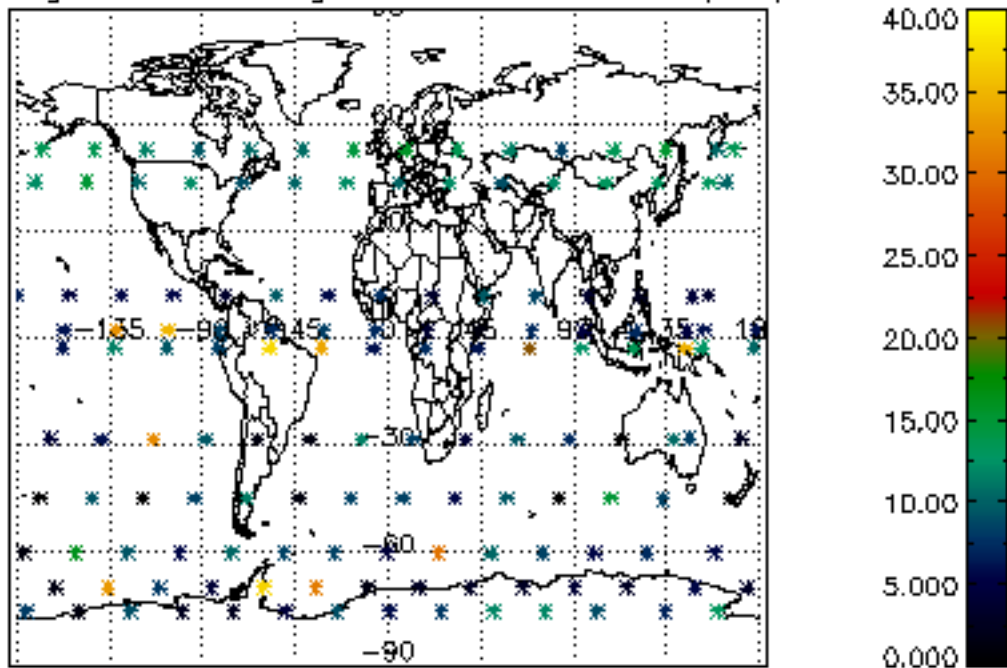
Percentage of cosmic ray hits per profile



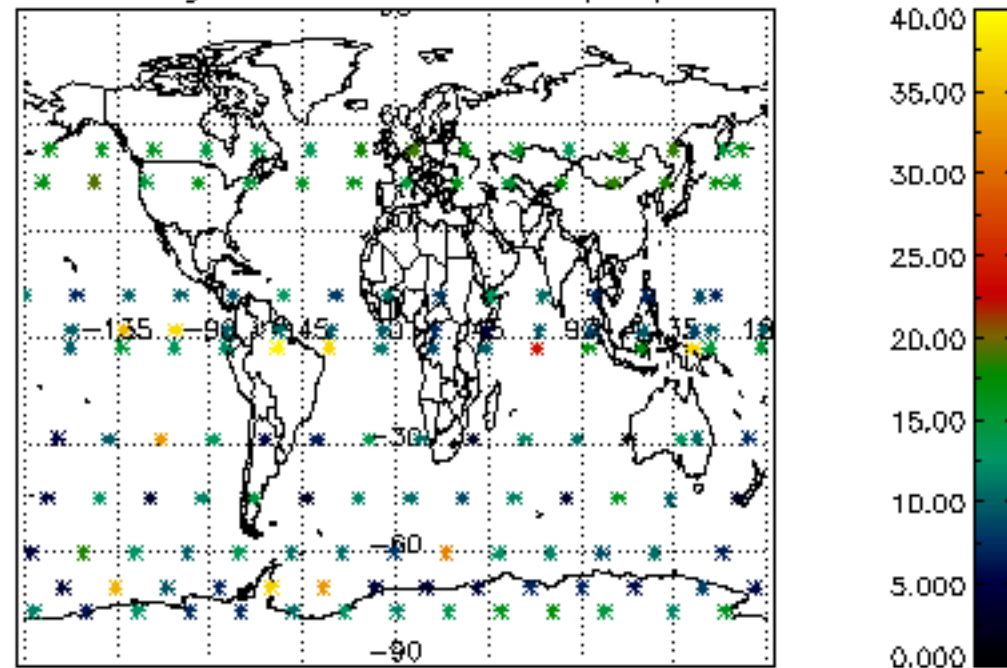
Percentage of datation errors per profile

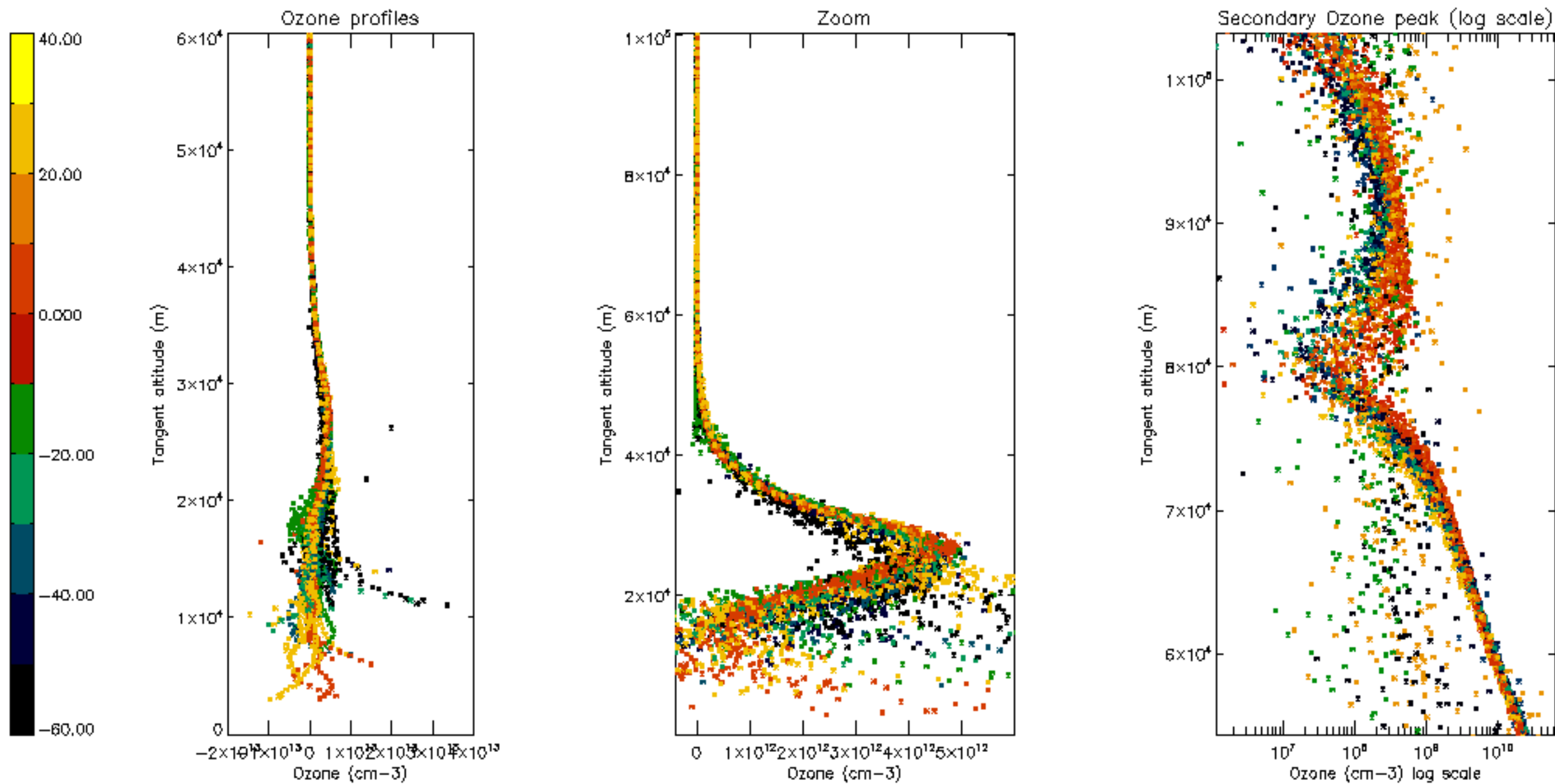


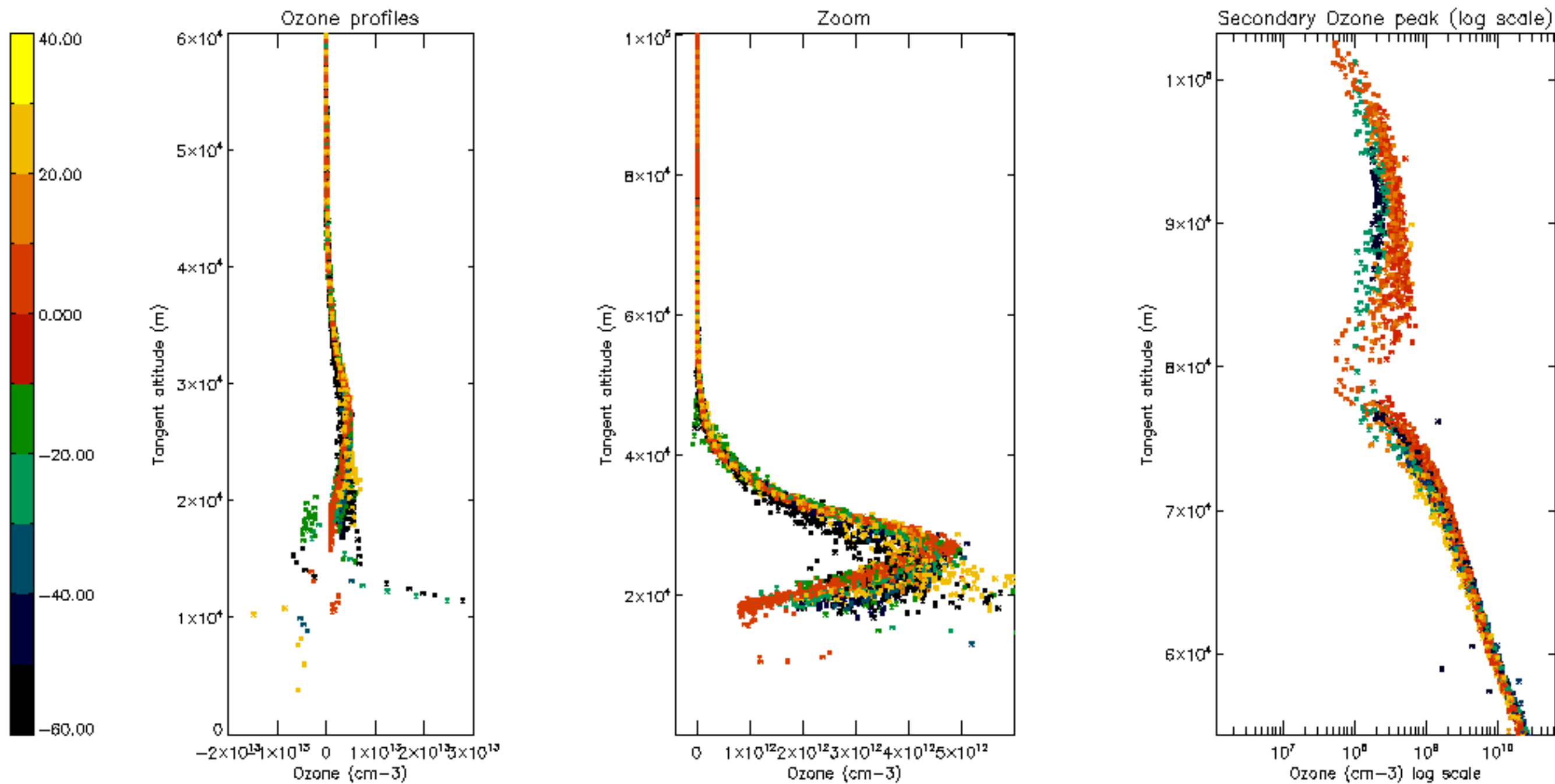
Percentage of star falling outside central band per profile

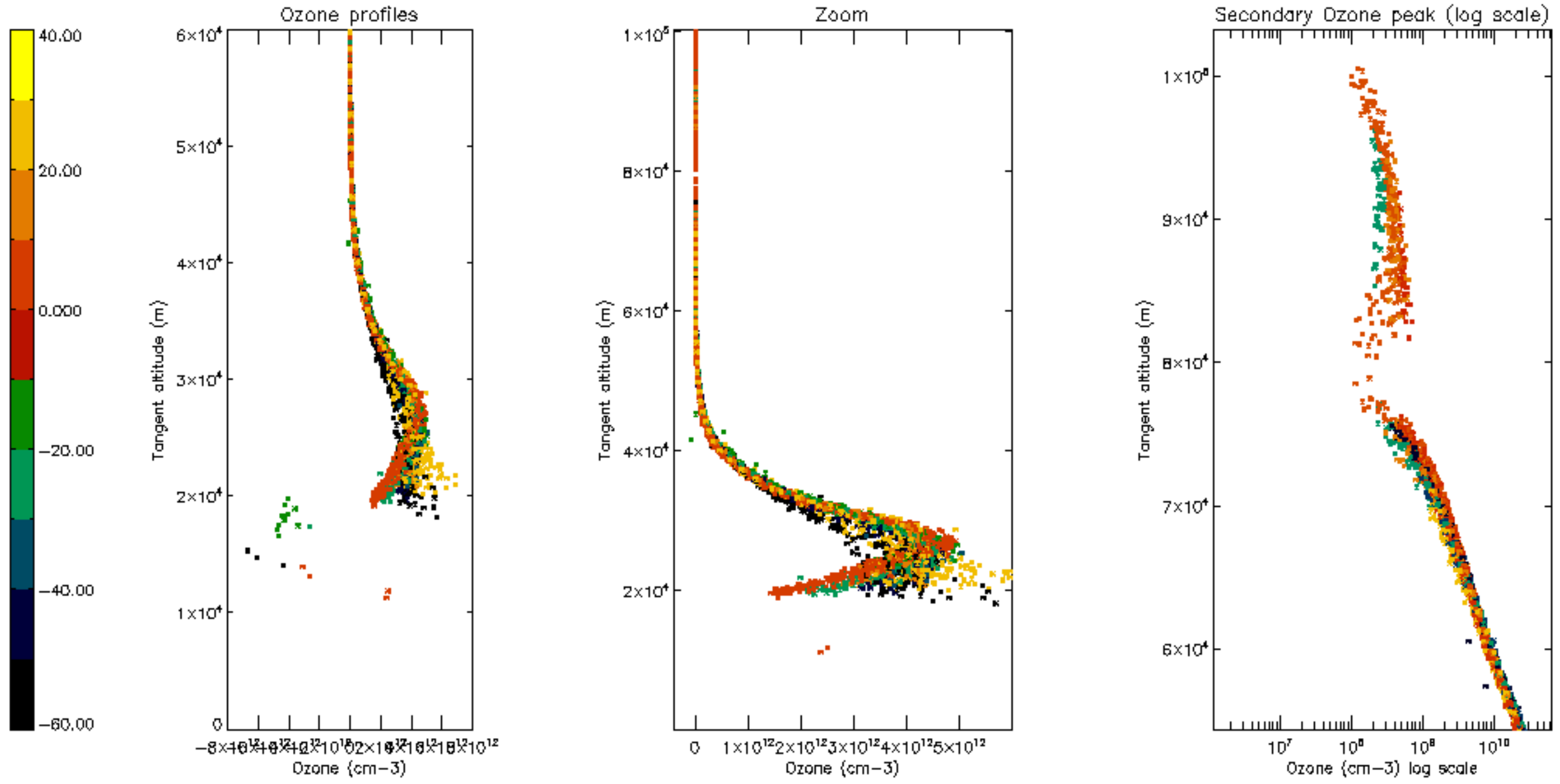


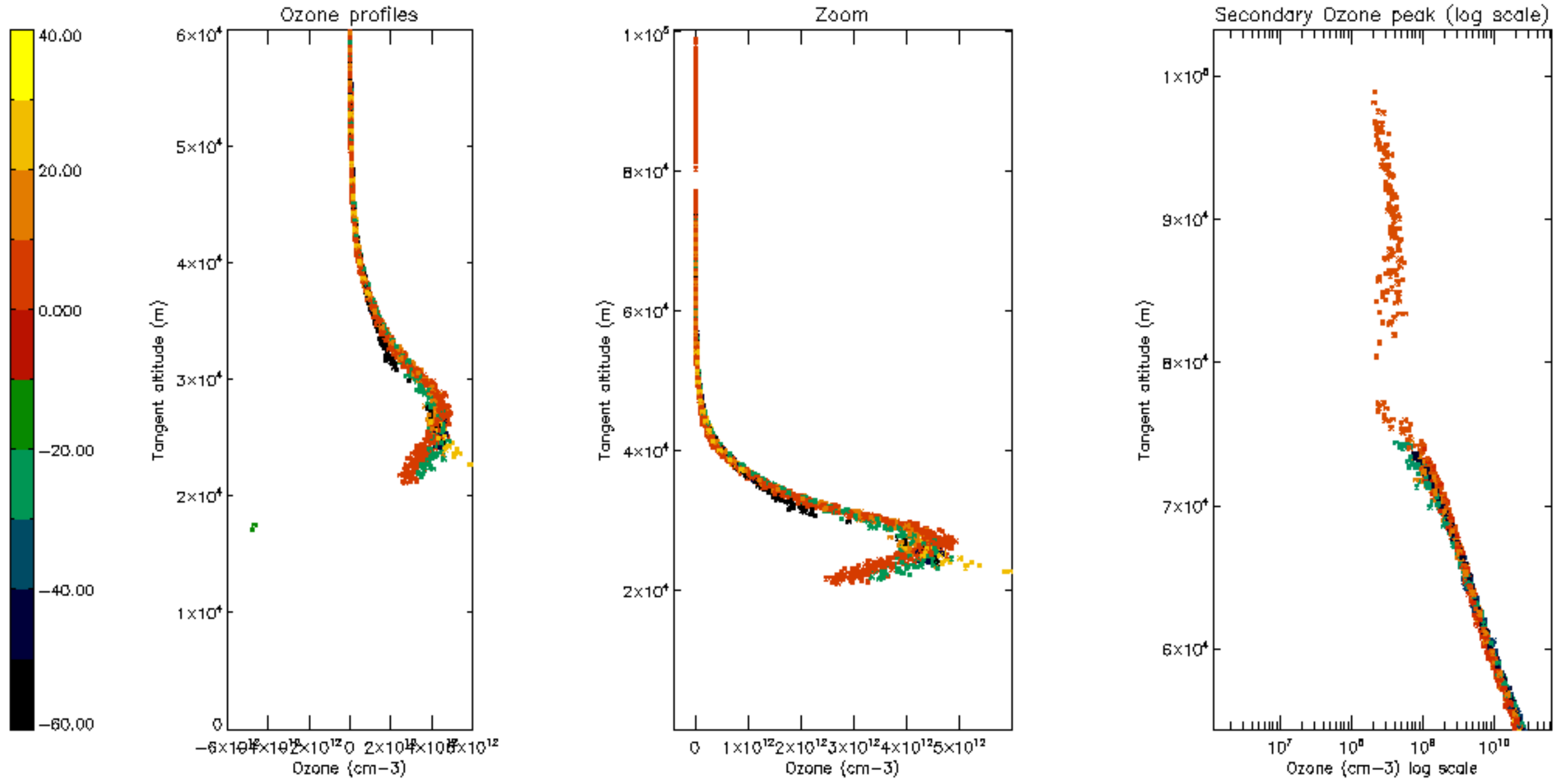
Percentage of saturation errors per profile

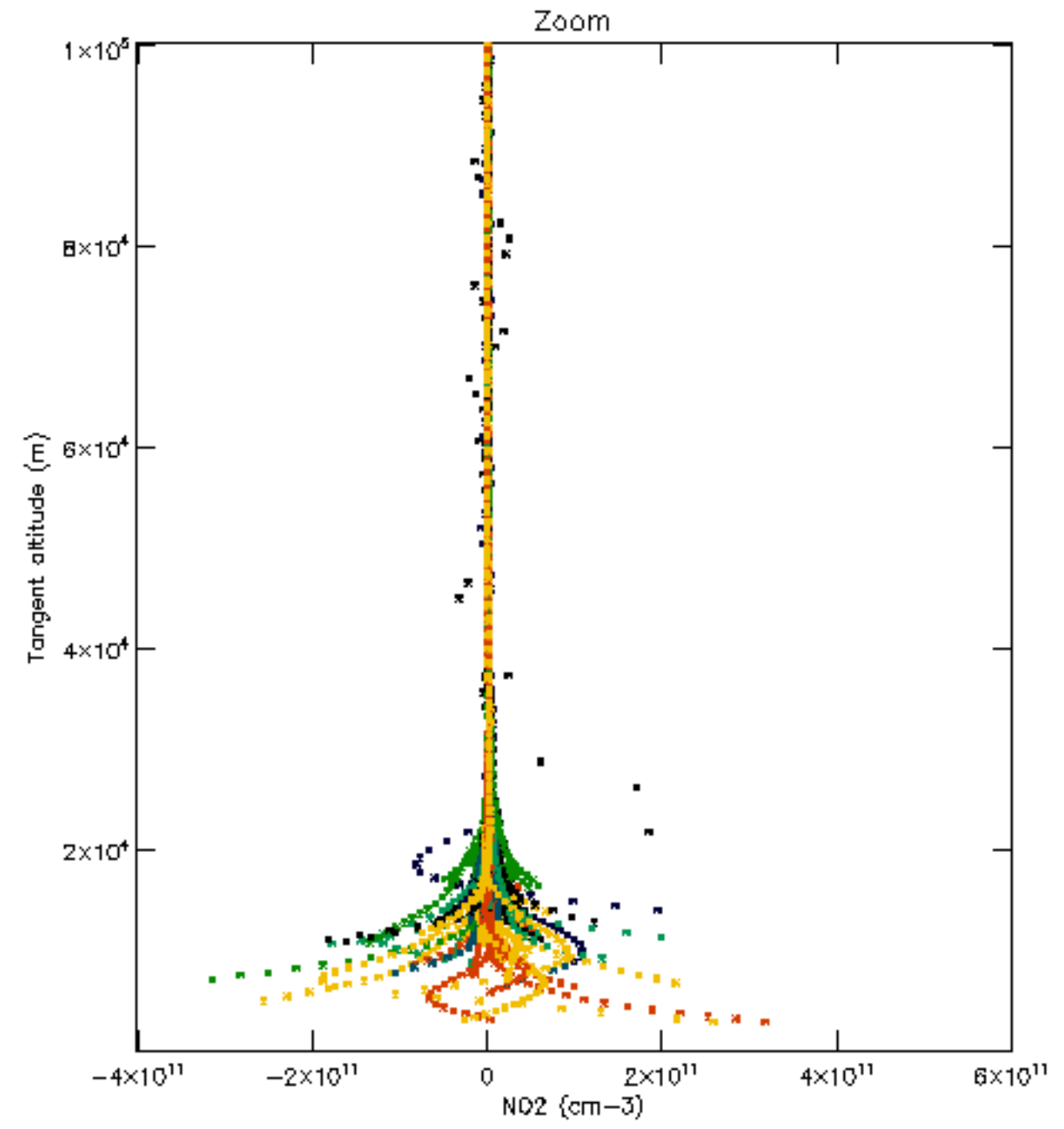
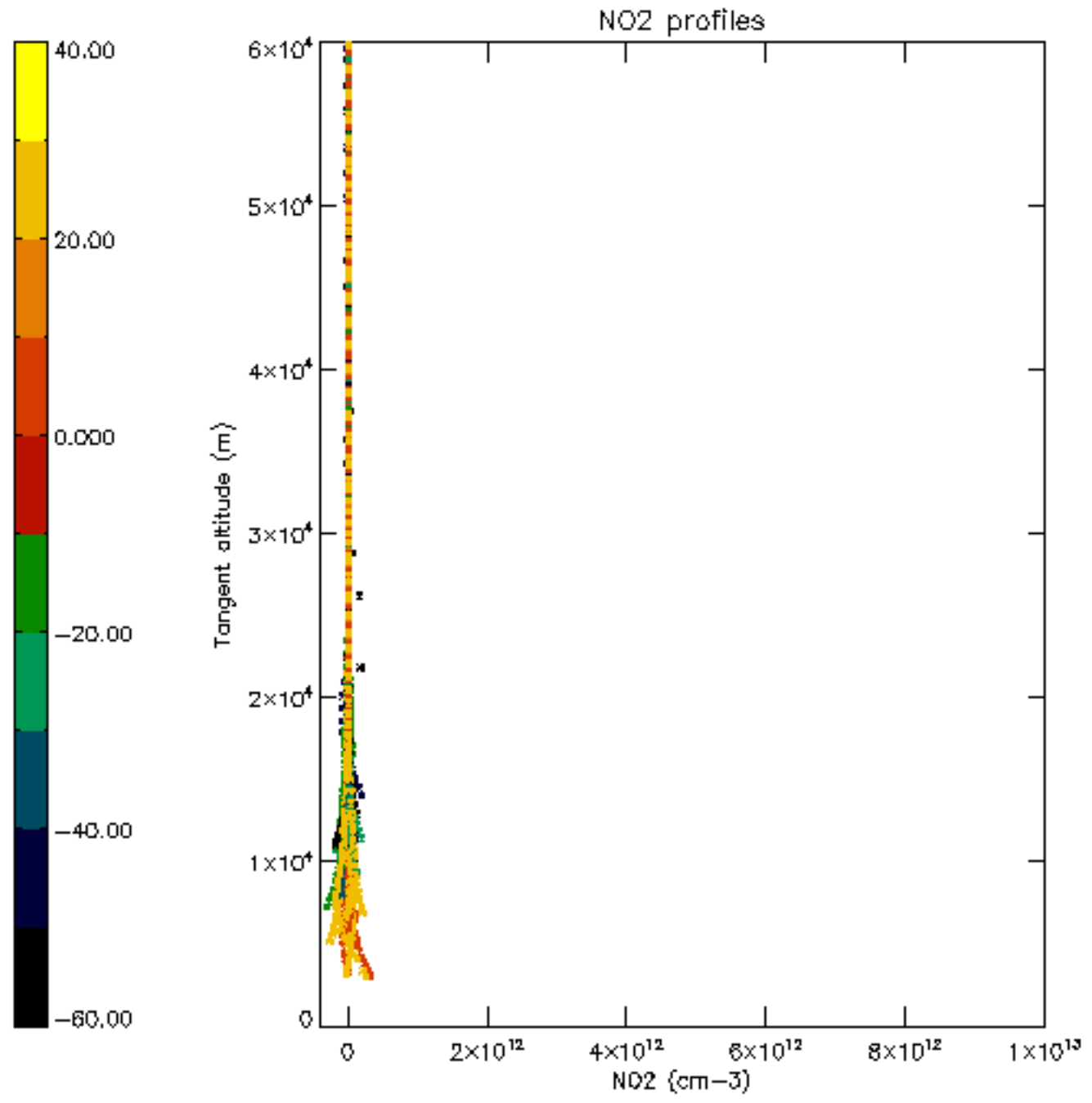


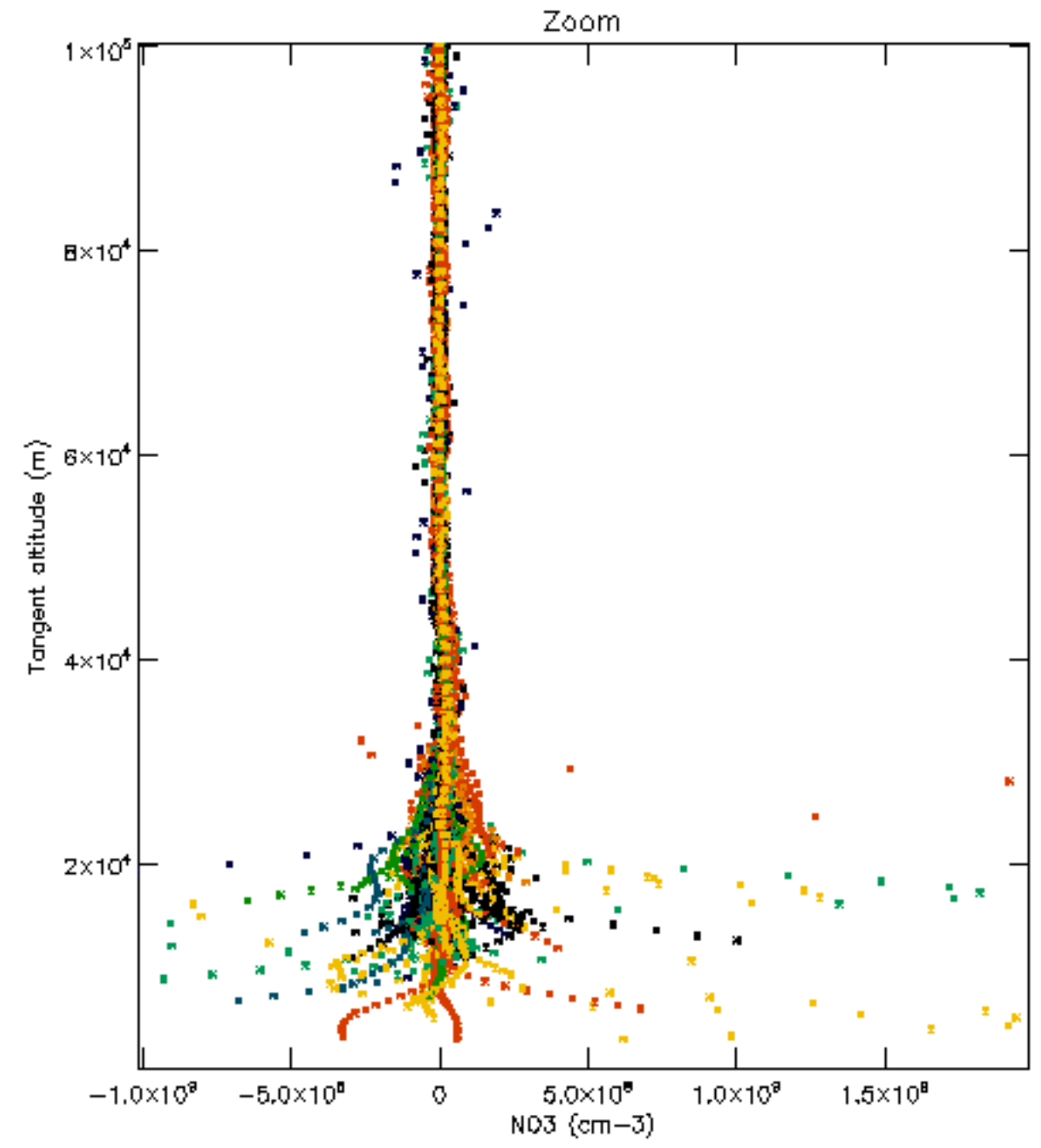
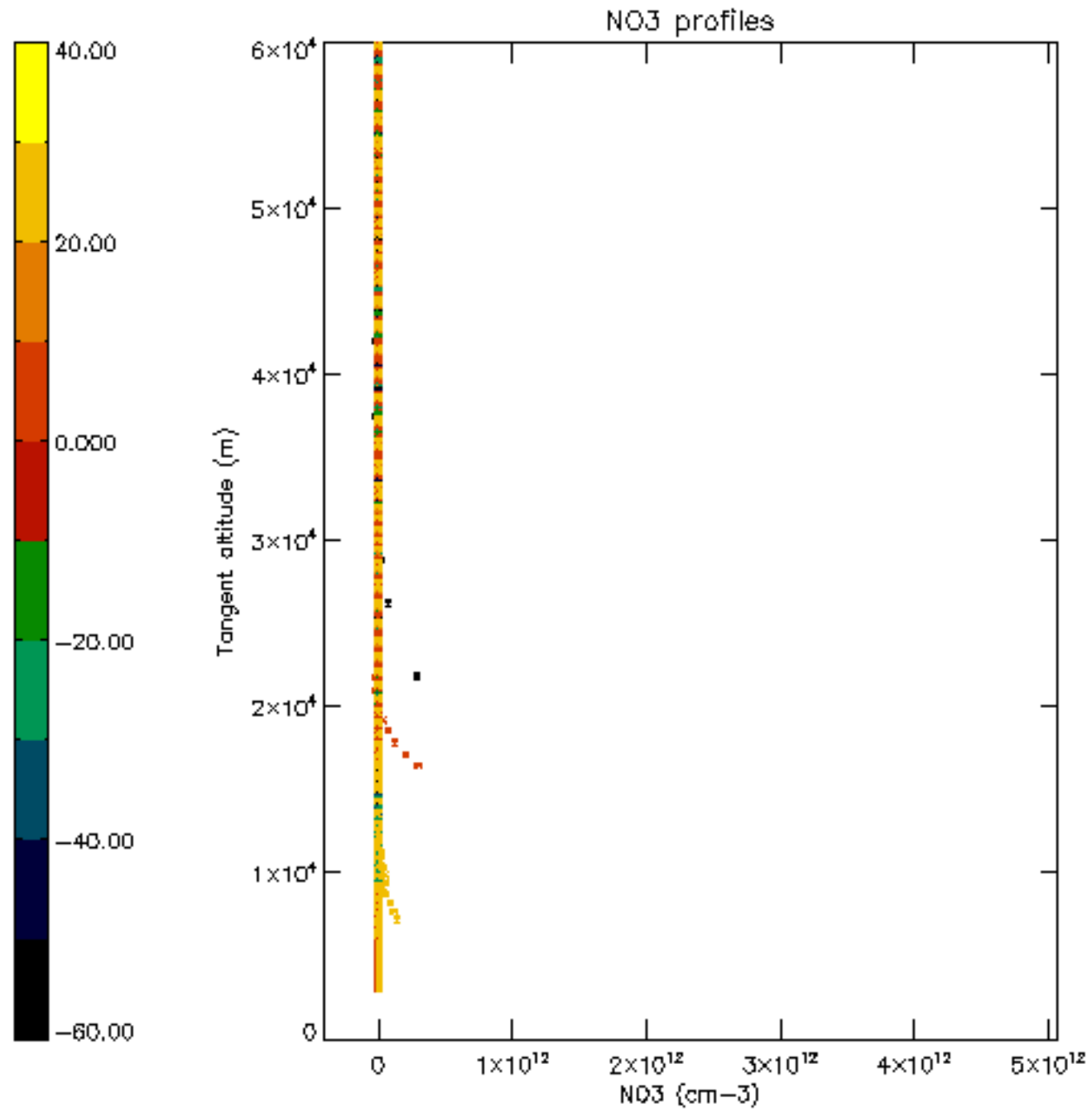


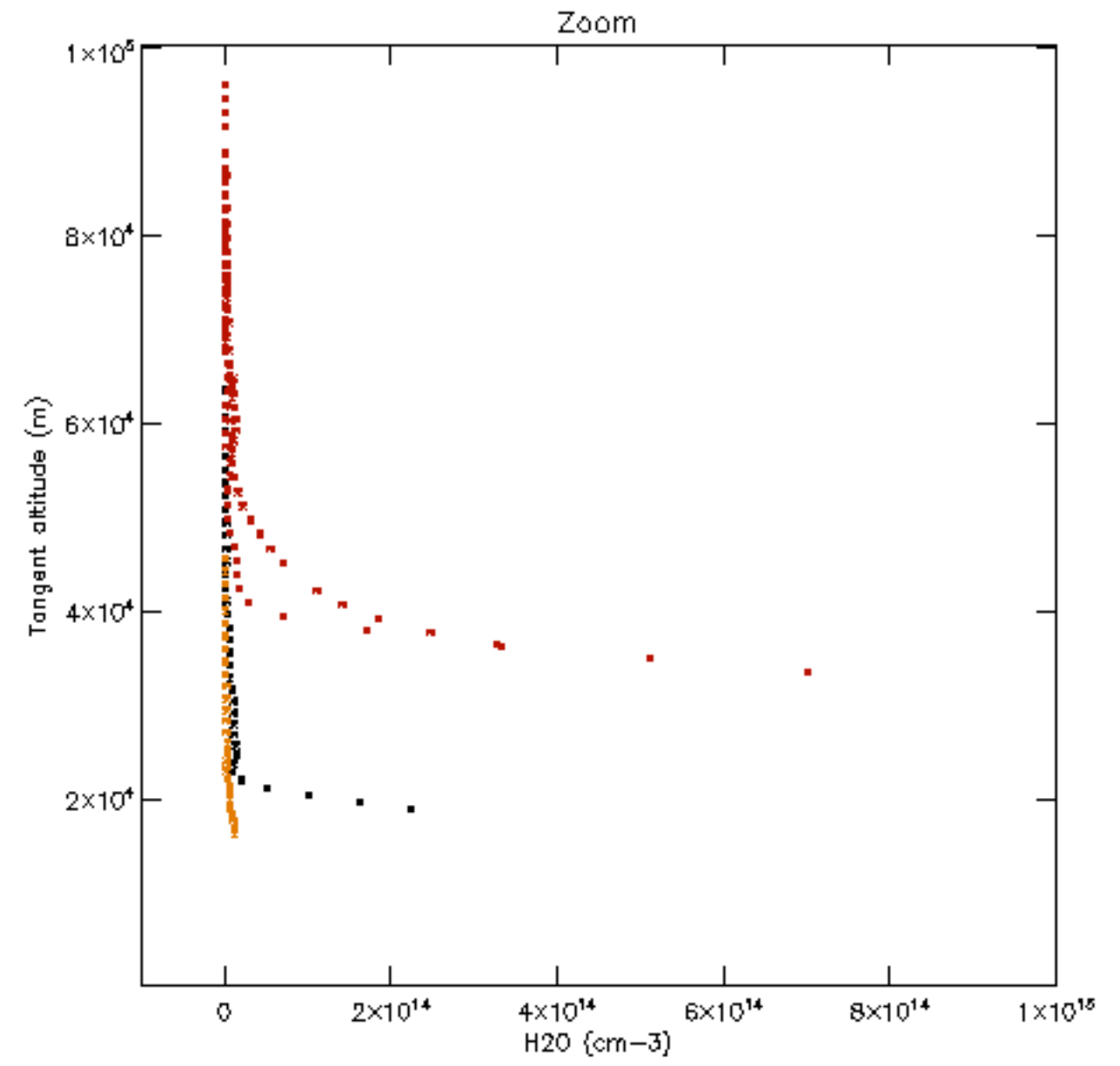
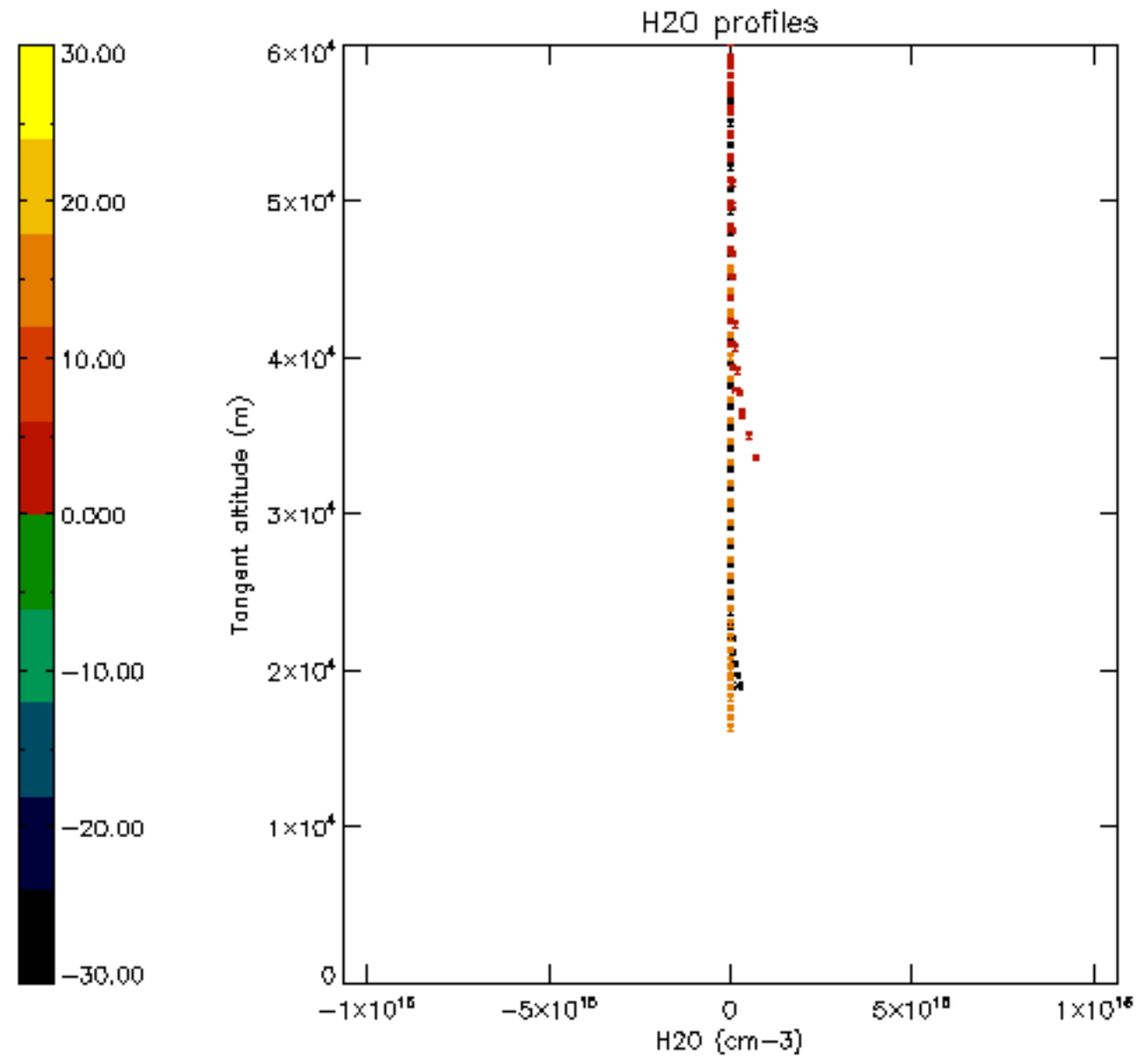


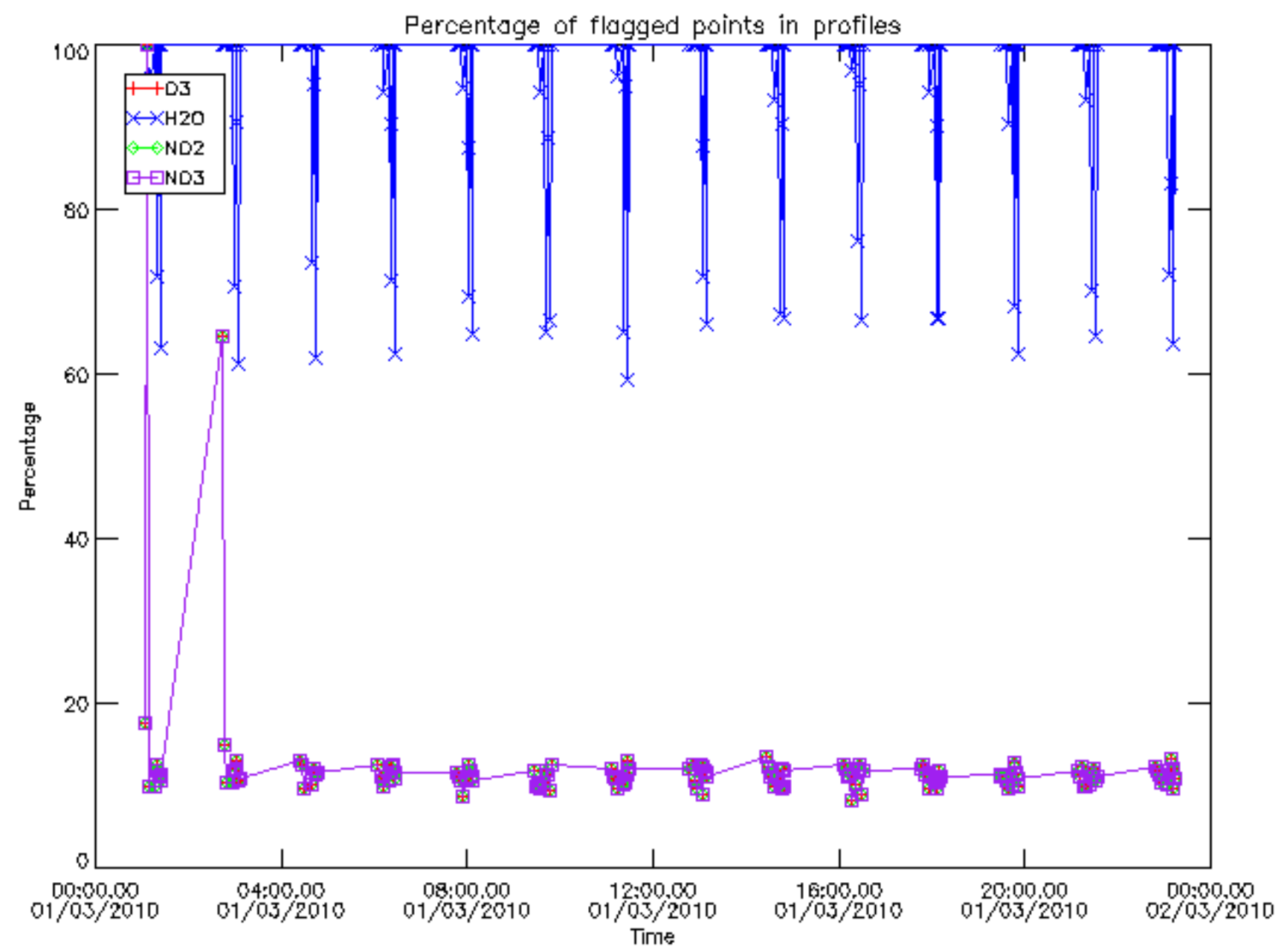




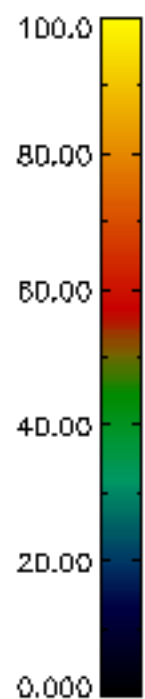
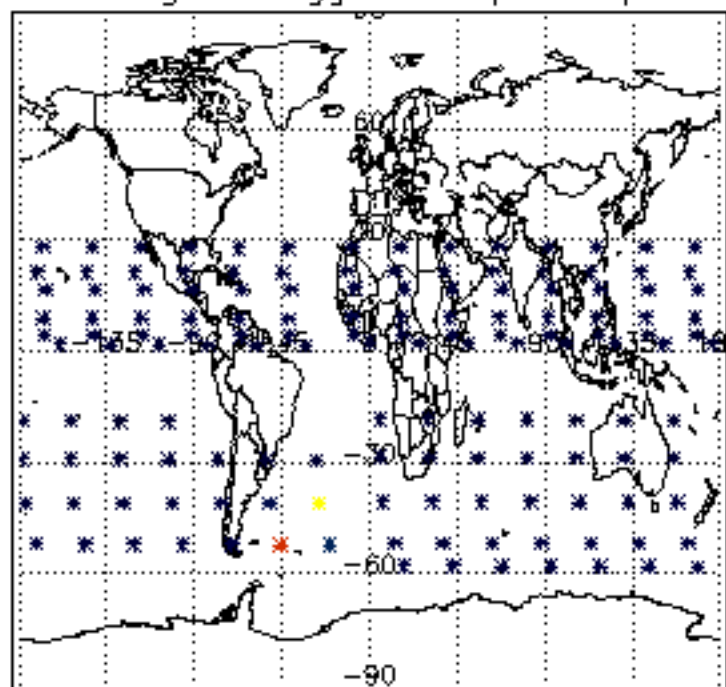




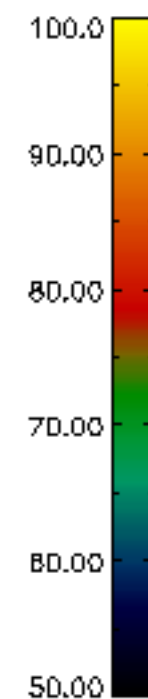
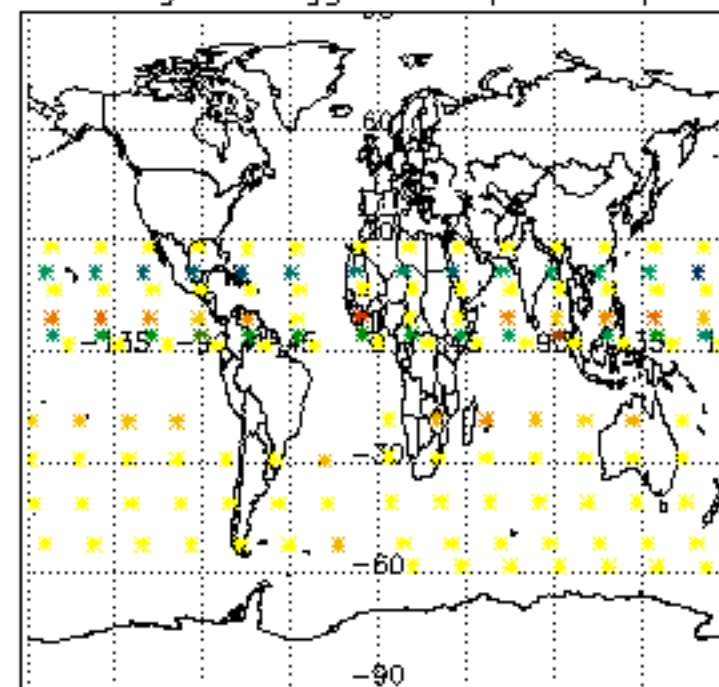




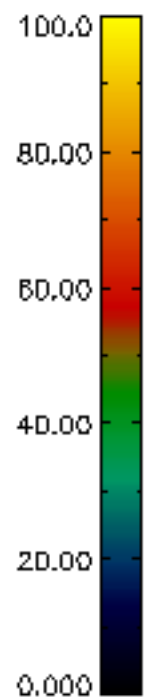
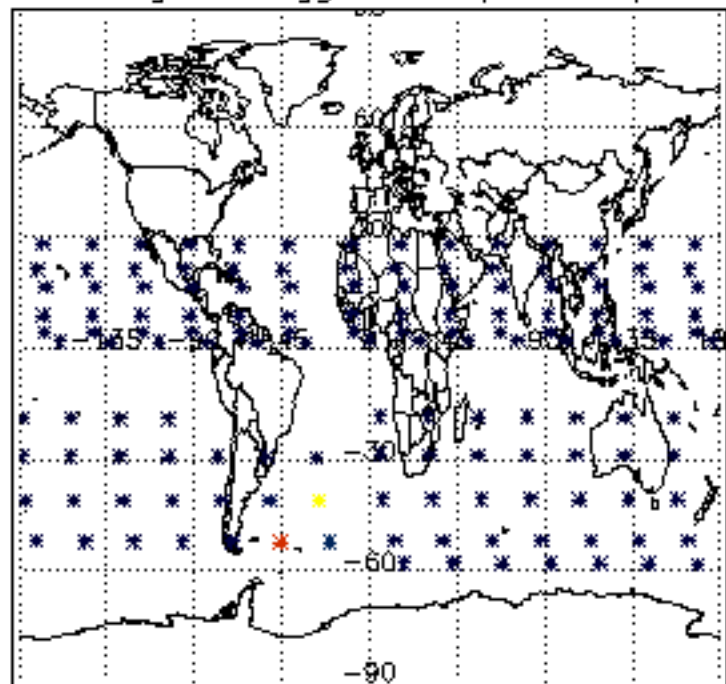
Percentage of flagged data per D3 profile



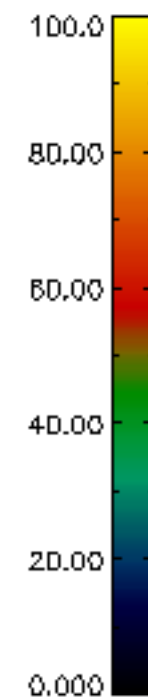
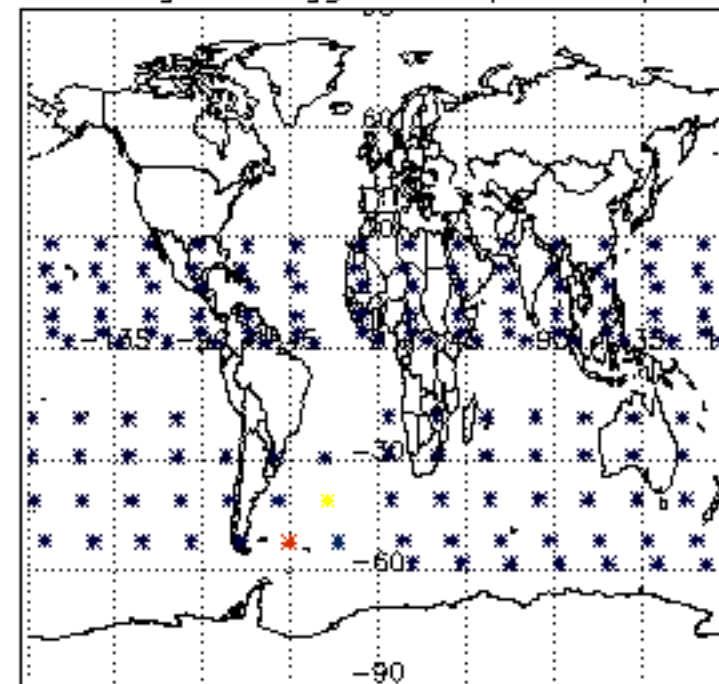
Percentage of flagged data per H2O profile

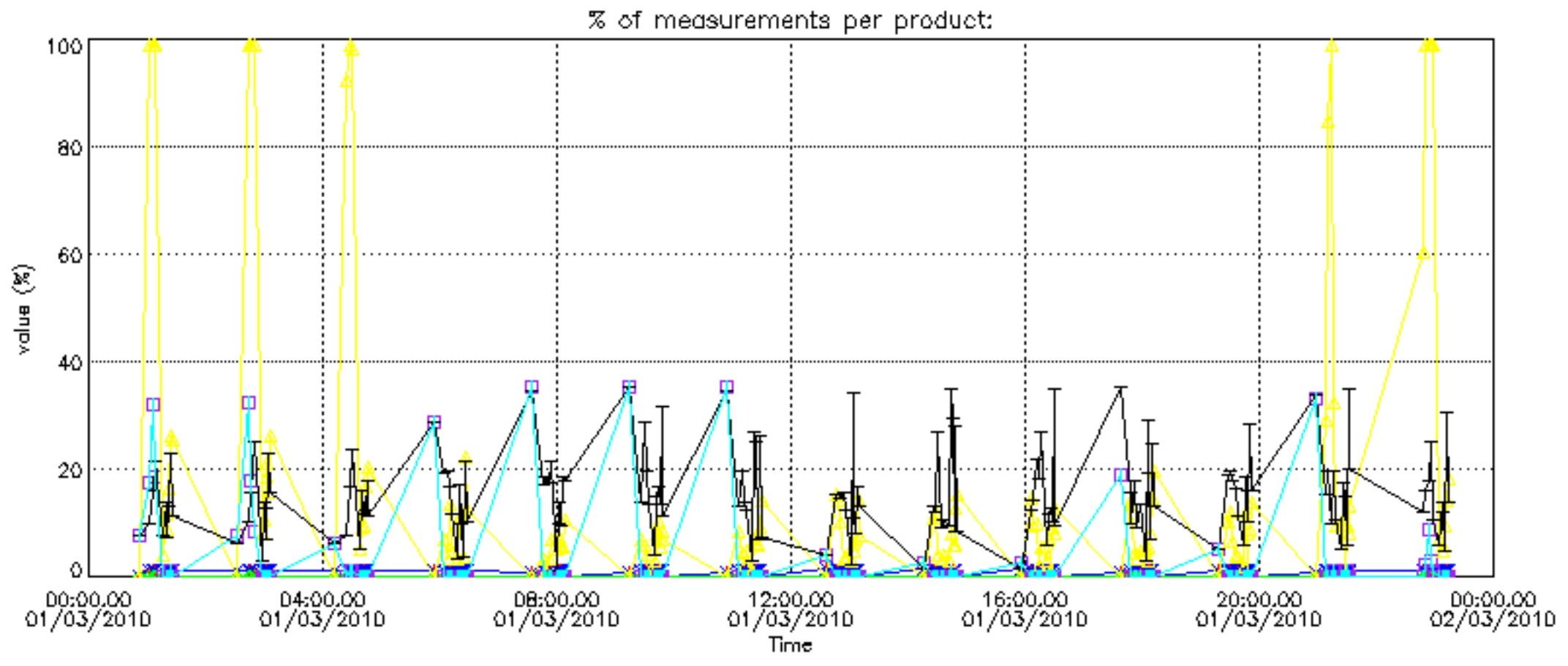


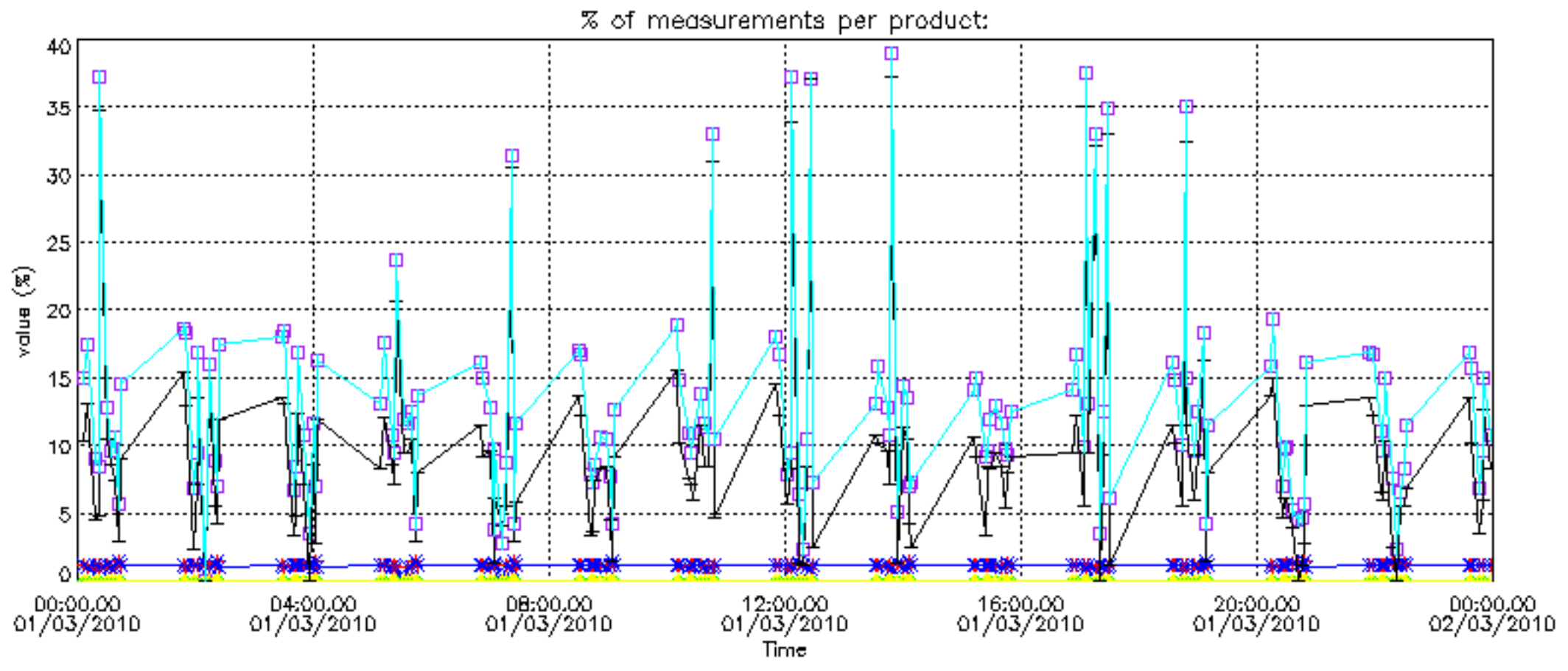
Percentage of flagged data per NO2 profile



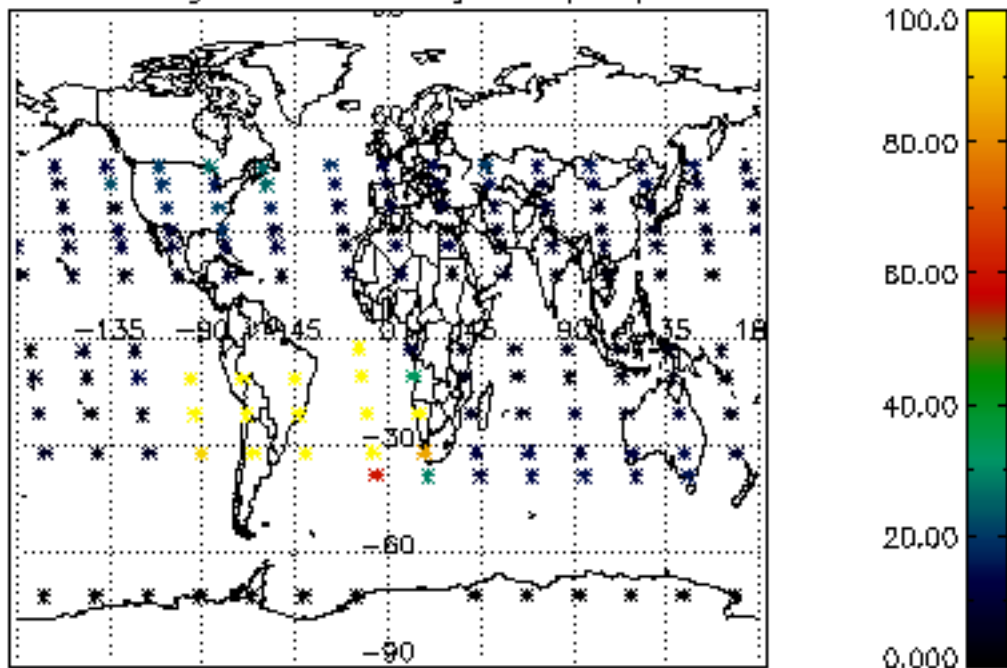
Percentage of flagged data per NO3 profile



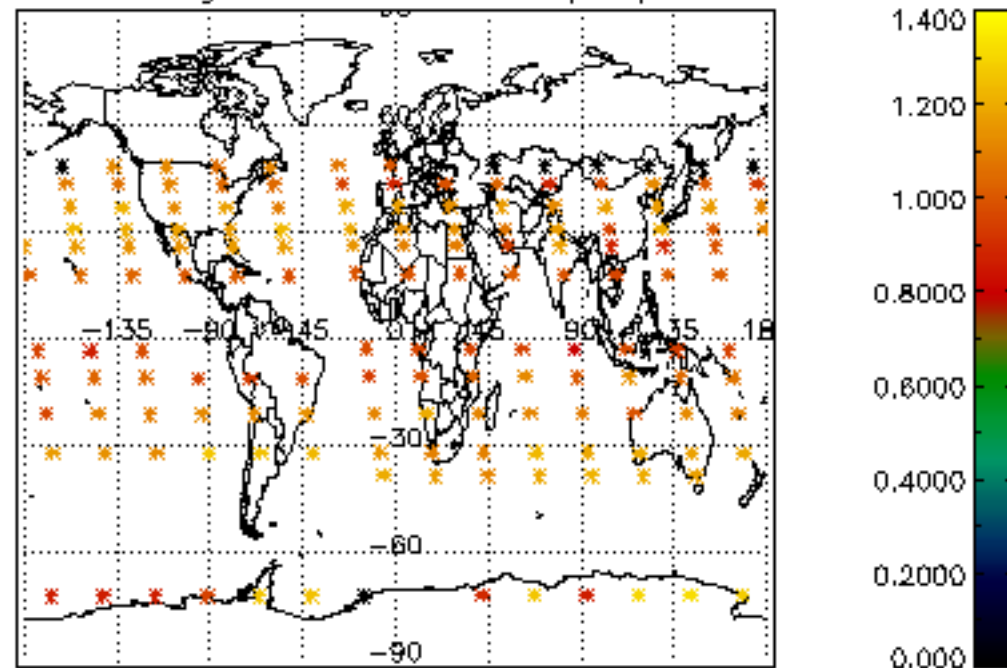




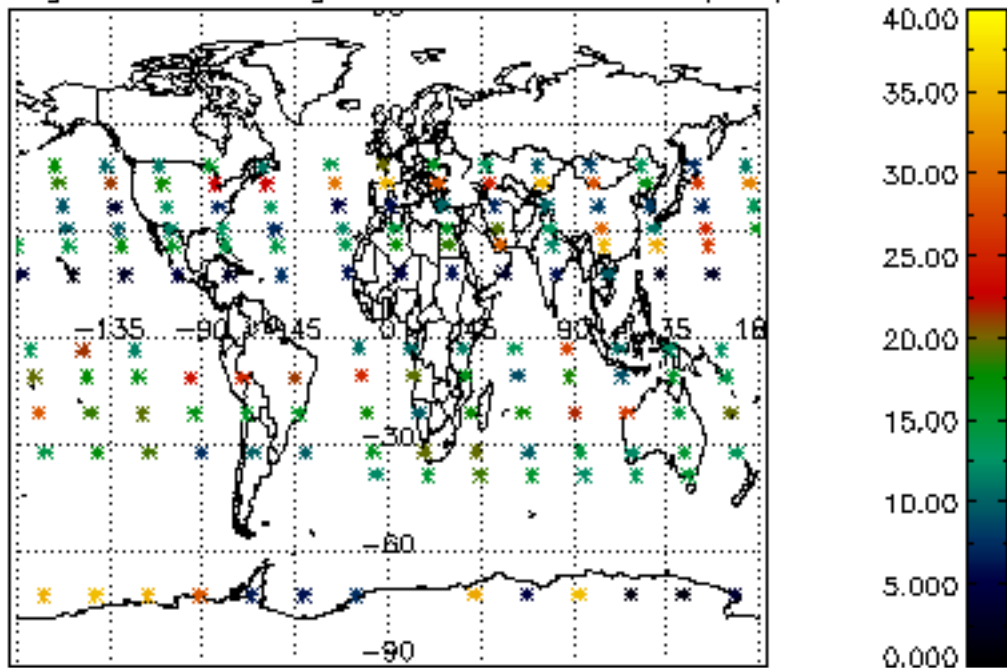
Percentage of cosmic ray hits per profile



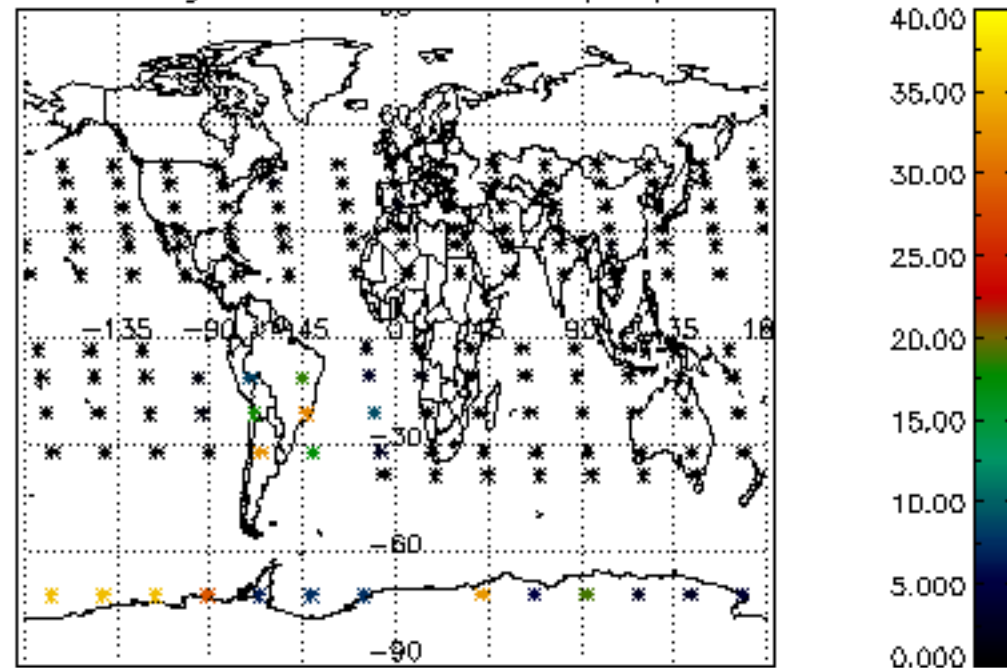
Percentage of datation errors per profile



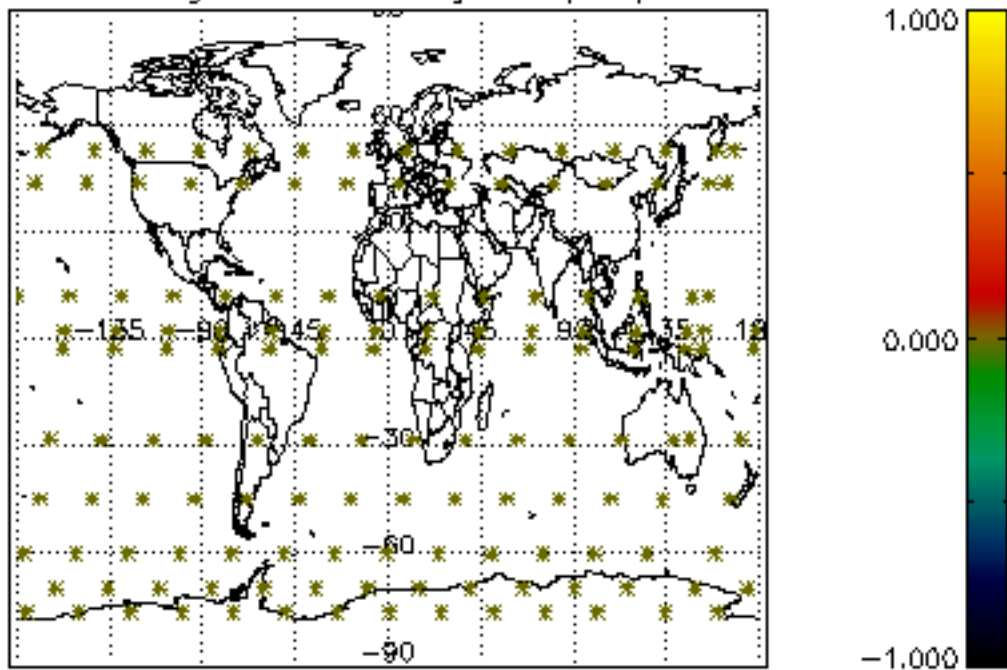
Percentage of star falling outside central band per profile



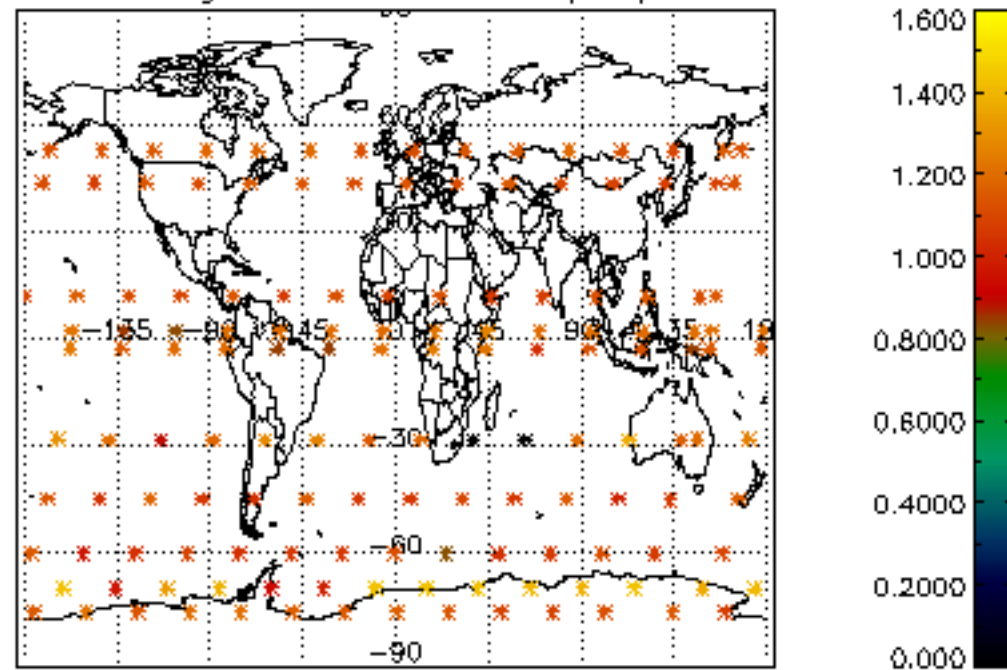
Percentage of saturation errors per profile



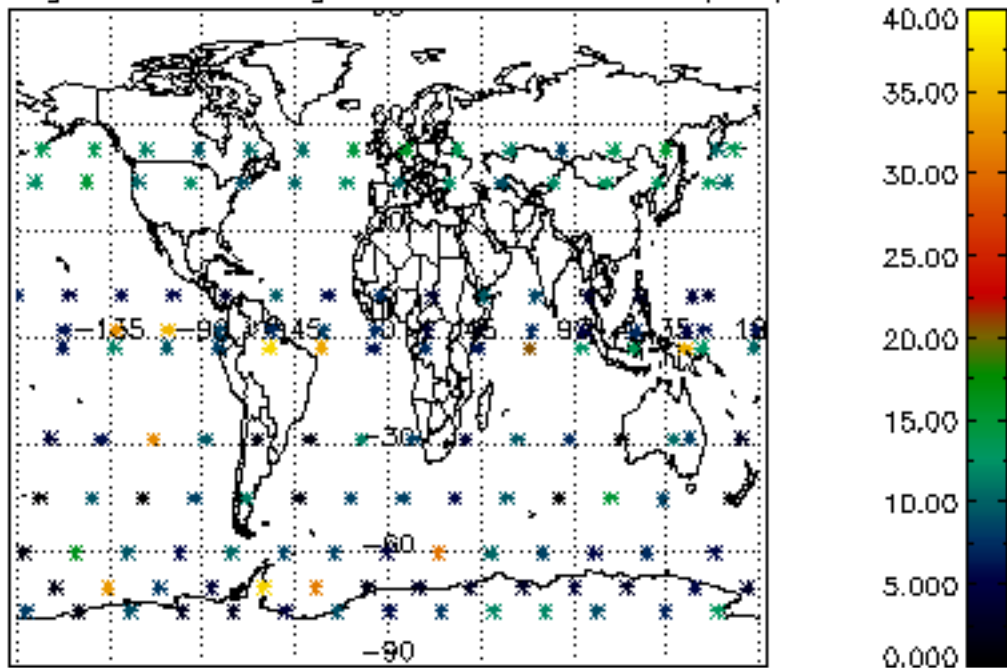
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

