

GOMOS Level 2 Daily Report

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

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 19APR2013 19:53:14 |
| Data source version | GOMOS/6.01 |
| Start time of products | 09-09-2003 (09SEP2003 00:00:00) |
| Stop time of products | 10-09-2003 (10SEP2003 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 409 |
| Nb of prods with errors | 5 |

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__2PRFIN20030909_000938_000000402019_00403_07972_9519.N1 | 09-SEP-2003 00:09:38 | Dark | 39.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 79 | 7972 | No |
| 2 | GOM_NL__2PRFIN20030909_001132_000000522019_00403_07972_9520.N1 | 09-SEP-2003 00:11:32 | Dark | 51.500 | 9 | Alp Eri | 0.45300 | 24000. | 103 | 7972 | No |
| 3 | GOM_NL__2PRFIN20030909_001513_000000452019_00403_07972_9521.N1 | 09-SEP-2003 00:15:13 | Straylight | 45.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 90 | 7972 | No |
| 4 | GOM_NL__2PRFIN20030909_001725_000000572019_00403_07972_9522.N1 | 09-SEP-2003 00:17:25 | Straylight | 57.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 114 | 7972 | No |
| 5 | GOM_NL__2PRFIN20030909_002142_000000402019_00403_07972_9523.N1 | 09-SEP-2003 00:21:42 | Straylight | 39.500 | 172 | Gam Gru | 3.0030 | 13100. | 79 | 7972 | No |
| 6 | GOM_NL__2PRFIN20030909_002302_000000472019_00403_07972_9524.N1 | 09-SEP-2003 00:23:02 | Straylight | 47.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 94 | 7972 | No |
| 7 | GOM_NL__2PRFIN20030909_002716_000000512019_00403_07972_9525.N1 | 09-SEP-2003 00:27:16 | Dark | 50.500 | 1014 | Mars | 0.0000 | 0.0000 | 101 | 7972 | Yes |
| 8 | GOM_NL__2PRFIN20030909_003045_000000402019_00403_07972_9526.N1 | 09-SEP-2003 00:30:45 | Bright | 39.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 79 | 7972 | No |
| 9 | GOM_NL__2PRFIN20030909_003203_000000402019_00403_07972_9527.N1 | 09-SEP-2003 00:32:03 | Bright | 39.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 79 | 7972 | No |
| 10 | GOM_NL__2PRFIN20030909_003501_000000392019_00403_07972_9528.N1 | 09-SEP-2003 00:35:01 | Bright | 39.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 78 | 7972 | No |
| 11 | GOM_NL__2PRFIN20030909_003711_000000442019_00403_07972_9529.N1 | 09-SEP-2003 00:37:11 | Bright | 43.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 87 | 7972 | No |
| 12 | GOM_NL__2PRFIN20030909_004124_000000412019_00403_07972_9530.N1 | 09-SEP-2003 00:41:24 | Bright | 40.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 81 | 7972 | No |
| 13 | GOM_NL__2PRFIN20030909_004406_000000382019_00403_07972_9531.N1 | 09-SEP-2003 00:44:06 | Bright | 37.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 75 | 7972 | No |
| 14 | GOM_NL__2PRFIN20030909_004602_000000382019_00403_07972_9532.N1 | 09-SEP-2003 00:46:02 | Bright | 37.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 75 | 7972 | No |
| 15 | GOM_NL__2PRFIN20030909_004955_000000392019_00403_07972_9533.N1 | 09-SEP-2003 00:49:55 | Bright | 38.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 77 | 7972 | No |
| 16 | GOM_NL__2PRFIN20030909_005146_000000452019_00403_07972_9534.N1 | 09-SEP-2003 00:51:46 | Bright | 44.500 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 89 | 7972 | No |
| 17 | GOM_NL__2PRFIN20030909_005345_000000462019_00403_07972_9535.N1 | 09-SEP-2003 00:53:45 | Bright | 45.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 91 | 7972 | No |
| 18 | GOM_NL__2PRFIN20030909_005738_000000382019_00403_07972_9536.N1 | 09-SEP-2003 00:57:38 | Bright | 37.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 75 | 7972 | No |
| 19 | GOM_NL__2PRFIN20030909_010030_000000572019_00403_07972_9537.N1 | 09-SEP-2003 01:00:30 | Bright | 57.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 114 | 7972 | No |
| 20 | GOM_NL__2PRFIN20030909_010557_000000522019_00403_07972_9538.N1 | 09-SEP-2003 01:05:57 | Bright | 52.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 104 | 7972 | No |
| 21 | GOM_NL__2PRFIN20030909_010909_000000622019_00403_07972_9539.N1 | 09-SEP-2003 01:09:09 | Bright | 62.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 124 | 7972 | No |
| 22 | GOM_NL__2PRFIN20030909_011326_000000552019_00403_07972_9540.N1 | 09-SEP-2003 01:13:26 | Bright | 55.000 | 107 | 37The Aur | 2.6490 | 11000. | 110 | 7972 | No |
| 23 | GOM_NL__2PRFIN20030909_011559_000000432019_00403_07972_9541.N1 | 09-SEP-2003 01:15:59 | Bright | 43.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 86 | 7972 | No |
| 24 | GOM_NL__2PRFIN20030909_011753_000000842019_00403_07972_9542.N1 | 09-SEP-2003 01:17:53 | Twilight | 84.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 168 | 7972 | No |
| 25 | GOM_NL__2PRFIN20030909_012108_000000582019_00403_07972_9543.N1 | 09-SEP-2003 01:21:08 | Twilight | 58.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 116 | 7972 | No |
| 26 | GOM_NL__2PRFIN20030909_012300_000000542019_00403_07972_9544.N1 | 09-SEP-2003 01:23:00 | Twilight | 54.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 108 | 7972 | No |
| 27 | GOM_NL__2PRFIN20030909_012645_000000832019_00403_07972_9545.N1 | 09-SEP-2003 01:26:45 | Dark | 83.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 166 | 7972 | No |
| 28 | GOM_NL__2PRFIN20030909_013115_000000562019_00403_07972_9546.N1 | 09-SEP-2003 01:31:15 | Dark | 56.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 112 | 7972 | No |
| 29 | GOM_NL__2PRFIN20030909_013348_000000502019_00403_07972_9547.N1 | 09-SEP-2003 01:33:48 | Dark | 49.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 99 | 7972 | No |
| 30 | GOM_NL__2PRFIN20030909_013509_000000472019_00403_07972_9548.N1 | 09-SEP-2003 01:35:09 | Dark | 47.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 94 | 7972 | No |
| 31 | GOM_NL__2PRFIN20030909_013634_000000402019_00403_07972_9549.N1 | 09-SEP-2003 01:36:34 | Dark | 39.500 | 34 | Gam2Vel | 1.7930 | 23000. | 79 | 7972 | No |
| 32 | GOM_NL__2PRFIN20030909_015014_000000402019_00404_07973_9208.N1 | 09-SEP-2003 01:50:14 | Dark | 39.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 79 | 7973 | No |
| 33 | GOM_NL__2PRFIN20030909_015209_000000482019_00404_07973_9209.N1 | 09-SEP-2003 01:52:09 | Dark | 47.500 | 9 | Alp Eri | 0.45300 | 24000. | 95 | 7973 | No |
| 34 | GOM_NL__2PRFIN20030909_015549_000000412019_00404_07973_9210.N1 | 09-SEP-2003 01:55:49 | Straylight | 41.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 82 | 7973 | No |
| 35 | GOM_NL__2PRFIN20030909_015802_000000482019_00404_07973_9211.N1 | 09-SEP-2003 01:58:02 | Straylight | 48.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 96 | 7973 | No |
| 36 | GOM_NL__2PRFIN20030909_020219_000000412019_00404_07973_9212.N1 | 09-SEP-2003 02:02:19 | Straylight | 40.500 | 172 | Gam Gru | 3.0030 | 13100. | 81 | 7973 | No |
| 37 | GOM_NL__2PRFIN20030909_020339_000000492019_00404_07973_9213.N1 | 09-SEP-2003 02:03:39 | Straylight | 48.500 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 97 | 7973 | No |
| 38 | GOM_NL__2PRFIN20030909_020752_000000542019_00404_07973_9214.N1 | 09-SEP-2003 02:07:52 | Dark | 54.000 | 1014 | Mars | 0.0000 | 0.0000 | 108 | 7973 | Yes |
| 39 | GOM_NL__2PRFIN20030909_021121_000000412019_00404_07973_9215.N1 | 09-SEP-2003 02:11:21 | Bright | 40.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 81 | 7973 | No |
| 40 | GOM_NL__2PRFIN20030909_021239_000000402019_00404_07973_9216.N1 | 09-SEP-2003 02:12:39 | Bright | 40.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 80 | 7973 | No |
| 41 | GOM_NL__2PRFIN20030909_021537_000000402019_00404_07973_9217.N1 | 09-SEP-2003 02:15:37 | Bright | 39.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 79 | 7973 | No |
| 42 | GOM_NL__2PRFIN20030909_021746_000000442019_00404_07973_9218.N1 | 09-SEP-2003 02:17:46 | Bright | 44.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 88 | 7973 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|------|-----------|----------|--------|-----|------|-----|
| 43 | GOM_NL__2PRFIN20030909_022200_000000422019_00404_07973_9219.N1 | 09-SEP-2003 02:22:00 | Bright | 41.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 83 | 7973 | No |
| 44 | GOM_NL__2PRFIN20030909_022442_000000382019_00404_07973_9220.N1 | 09-SEP-2003 02:24:42 | Bright | 38.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 76 | 7973 | No |
| 45 | GOM_NL__2PRFIN20030909_022638_000000362019_00404_07973_9221.N1 | 09-SEP-2003 02:26:38 | Bright | 36.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 72 | 7973 | No |
| 46 | GOM_NL__2PRFIN20030909_023030_000000362019_00404_07973_9222.N1 | 09-SEP-2003 02:30:30 | Bright | 36.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 72 | 7973 | No |
| 47 | GOM_NL__2PRFIN20030909_023221_000000402019_00404_07973_9223.N1 | 09-SEP-2003 02:32:21 | Bright | 40.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 80 | 7973 | No |
| 48 | GOM_NL__2PRFIN20030909_023420_000000432019_00404_07973_9224.N1 | 09-SEP-2003 02:34:20 | Bright | 42.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 85 | 7973 | No |
| 49 | GOM_NL__2PRFIN20030909_023814_000000362019_00404_07973_9225.N1 | 09-SEP-2003 02:38:14 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 7973 | No |
| 50 | GOM_NL__2PRFIN20030909_024104_000000602019_00404_07973_9226.N1 | 09-SEP-2003 02:41:04 | Bright | 59.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 119 | 7973 | No |
| 51 | GOM_NL__2PRFIN20030909_024634_000000382019_00404_07973_9227.N1 | 09-SEP-2003 02:46:34 | Bright | 38.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 76 | 7973 | No |
| 52 | GOM_NL__2PRFIN20030909_024944_000000632019_00404_07973_9228.N1 | 09-SEP-2003 02:49:44 | Bright | 63.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 126 | 7973 | No |
| 53 | GOM_NL__2PRFIN20030909_025401_000000512019_00404_07973_9229.N1 | 09-SEP-2003 02:54:01 | Bright | 50.500 | 107 | 37The Aur | 2.6490 | 11000. | 101 | 7973 | No |
| 54 | GOM_NL__2PRFIN20030909_025634_000000452019_00404_07973_9230.N1 | 09-SEP-2003 02:56:34 | Bright | 44.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 89 | 7973 | No |
| 55 | GOM_NL__2PRFIN20030909_025830_000000922019_00404_07973_9231.N1 | 09-SEP-2003 02:58:30 | Twilight | 91.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 183 | 7973 | No |
| 56 | GOM_NL__2PRFIN20030909_030144_000000592019_00404_07973_9232.N1 | 09-SEP-2003 03:01:44 | Twilight | 59.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 118 | 7973 | No |
| 57 | GOM_NL__2PRFIN20030909_030336_000000492019_00404_07973_9233.N1 | 09-SEP-2003 03:03:36 | Twilight | 48.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 97 | 7973 | No |
| 58 | GOM_NL__2PRFIN20030909_030722_000000812019_00404_07973_9234.N1 | 09-SEP-2003 03:07:22 | Dark | 81.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 162 | 7973 | No |
| 59 | GOM_NL__2PRFIN20030909_031154_000000562019_00404_07973_9235.N1 | 09-SEP-2003 03:11:54 | Dark | 56.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 112 | 7973 | No |
| 60 | GOM_NL__2PRFIN20030909_031423_000000502019_00404_07973_9236.N1 | 09-SEP-2003 03:14:23 | Dark | 49.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 99 | 7973 | No |
| 61 | GOM_NL__2PRFIN20030909_031545_000000502019_00404_07973_9237.N1 | 09-SEP-2003 03:15:45 | Dark | 50.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 100 | 7973 | No |
| 62 | GOM_NL__2PRFIN20030909_031709_000000452019_00404_07973_9238.N1 | 09-SEP-2003 03:17:09 | Dark | 45.000 | 34 | Gam2Vel | 1.7930 | 23000. | 90 | 7973 | No |
| 63 | GOM_NL__2PRFIN20030909_033049_000000422019_00405_07974_9391.N1 | 09-SEP-2003 03:30:49 | Dark | 42.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 84 | 7974 | No |
| 64 | GOM_NL__2PRFIN20030909_033245_000000472019_00405_07974_9392.N1 | 09-SEP-2003 03:32:45 | Dark | 46.500 | 9 | Alp Eri | 0.45300 | 24000. | 93 | 7974 | No |
| 65 | GOM_NL__2PRFIN20030909_033624_000000462019_00405_07974_9393.N1 | 09-SEP-2003 03:36:24 | Straylight | 45.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 91 | 7974 | No |
| 66 | GOM_NL__2PRFIN20030909_033838_000000542019_00405_07974_9394.N1 | 09-SEP-2003 03:38:38 | Straylight | 53.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 107 | 7974 | No |
| 67 | GOM_NL__2PRFIN20030909_034252_000000442019_00405_07974_9395.N1 | 09-SEP-2003 03:42:52 | Straylight | 43.500 | 172 | Gam Gru | 3.0030 | 13100. | 87 | 7974 | No |
| 68 | GOM_NL__2PRFIN20030909_034414_000000462019_00405_07974_9396.N1 | 09-SEP-2003 03:44:14 | Straylight | 45.500 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 91 | 7974 | No |
| 69 | GOM_NL__2PRFIN20030909_034827_000000542019_00405_07974_9397.N1 | 09-SEP-2003 03:48:27 | Dark | 54.000 | 1014 | Mars | 0.0000 | 0.0000 | 108 | 7974 | Yes |
| 70 | GOM_NL__2PRFIN20030909_035157_000000412019_00405_07974_9398.N1 | 09-SEP-2003 03:51:57 | Bright | 40.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 81 | 7974 | No |
| 71 | GOM_NL__2PRFIN20030909_035314_000000412019_00405_07974_9399.N1 | 09-SEP-2003 03:53:14 | Bright | 40.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 81 | 7974 | No |
| 72 | GOM_NL__2PRFIN20030909_035611_000000422019_00405_07974_9400.N1 | 09-SEP-2003 03:56:11 | Bright | 41.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 83 | 7974 | No |
| 73 | GOM_NL__2PRFIN20030909_035822_000000442019_00405_07974_9401.N1 | 09-SEP-2003 03:58:22 | Bright | 43.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 87 | 7974 | No |
| 74 | GOM_NL__2PRFIN20030909_040235_000000442019_00405_07974_9402.N1 | 09-SEP-2003 04:02:35 | Bright | 43.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 87 | 7974 | No |
| 75 | GOM_NL__2PRFIN20030909_040517_000000402019_00405_07974_9403.N1 | 09-SEP-2003 04:05:17 | Bright | 40.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 80 | 7974 | No |
| 76 | GOM_NL__2PRFIN20030909_040715_000000382019_00405_07974_9404.N1 | 09-SEP-2003 04:07:15 | Bright | 38.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 76 | 7974 | No |
| 77 | GOM_NL__2PRFIN20030909_041106_000000382019_00405_07974_9405.N1 | 09-SEP-2003 04:11:06 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 7974 | No |
| 78 | GOM_NL__2PRFIN20030909_041257_000000432019_00405_07974_9406.N1 | 09-SEP-2003 04:12:57 | Bright | 43.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 86 | 7974 | No |
| 79 | GOM_NL__2PRFIN20030909_041455_000000462019_00405_07974_9407.N1 | 09-SEP-2003 04:14:55 | Bright | 46.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 92 | 7974 | No |
| 80 | GOM_NL__2PRFIN20030909_041849_000000382019_00405_07974_9408.N1 | 09-SEP-2003 04:18:49 | Bright | 37.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 75 | 7974 | No |
| 81 | GOM_NL__2PRFIN20030909_042139_000000602019_00405_07974_9409.N1 | 09-SEP-2003 04:21:39 | Bright | 59.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 119 | 7974 | No |
| 82 | GOM_NL__2PRFIN20030909_042709_000000482019_00405_07974_9410.N1 | 09-SEP-2003 04:27:09 | Bright | 48.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 96 | 7974 | No |
| 83 | GOM_NL__2PRFIN20030909_043020_000000632019_00405_07974_9411.N1 | 09-SEP-2003 04:30:20 | Bright | 63.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 126 | 7974 | No |
| 84 | GOM_NL__2PRFIN20030909_043437_000000552019_00405_07974_9412.N1 | 09-SEP-2003 04:34:37 | Bright | 55.000 | 107 | 37The Aur | 2.6490 | 11000. | 110 | 7974 | No |
| 85 | GOM_NL__2PRFIN20030909_043711_000000442019_00405_07974_9413.N1 | 09-SEP-2003 04:37:11 | Bright | 44.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 88 | 7974 | No |
| 86 | GOM_NL__2PRFIN20030909_043906_000000832019_00405_07974_9414.N1 | 09-SEP-2003 04:39:06 | Twilight | 83.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 166 | 7974 | No |
| 87 | GOM_NL__2PRFIN20030909_044221_000000612019_00405_07974_9415.N1 | 09-SEP-2003 04:42:21 | Twilight | 60.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 121 | 7974 | No |
| 88 | GOM_NL__2PRFIN20030909_044412_000000572019_00405_07974_9416.N1 | 09-SEP-2003 04:44:12 | Twilight | 56.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 113 | 7974 | No |
| 89 | GOM_NL__2PRFIN20030909_044759_000000972019_00405_07974_9417.N1 | 09-SEP-2003 04:47:59 | Dark | 97.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 194 | 7974 | No |
| 90 | GOM_NL__2PRFIN20030909_045230_000000572019_00405_07974_9418.N1 | 09-SEP-2003 04:52:30 | Dark | 57.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 114 | 7974 | No |
| 91 | GOM_NL__2PRFIN20030909_045502_000000482019_00405_07974_9419.N1 | 09-SEP-2003 04:55:02 | Dark | 48.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 96 | 7974 | No |
| 92 | GOM_NL__2PRFIN20030909_045621_000000452019_00405_07974_9420.N1 | 09-SEP-2003 04:56:21 | Dark | 45.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 90 | 7974 | No |
| 93 | GOM_NL__2PRFIN20030909_045746_000000442019_00405_07974_9421.N1 | 09-SEP-2003 04:57:46 | Dark | 43.500 | 34 | Gam2Vel | 1.7930 | 23000. | 87 | 7974 | No |
| 94 | GOM_NL__2PRFIN20030909_051126_000000442019_00406_07975_9392.N1 | 09-SEP-2003 05:11:26 | Dark | 43.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 87 | 7975 | No |
| 95 | GOM_NL__2PRFIN20030909_051322_000000492019_00406_07975_9393.N1 | 09-SEP-2003 05:13:22 | Dark | 48.500 | 9 | Alp Eri | 0.45300 | 24000. | 97 | 7975 | No |
| 96 | GOM_NL__2PRFIN20030909_051701_000000472019_00406_07975_9394.N1 | 09-SEP-2003 05:17:01 | Straylight | 46.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 93 | 7975 | No |
| 97 | GOM_NL__2PRFIN20030909_052040_000000452019_00406_07975_9395.N1 | 09-SEP-2003 05:20:40 | Straylight | 45.000 | 31 | Alp Gru | 1.7340 | 15200. | 90 | 7975 | No |
| 98 | GOM_NL__2PRFIN20030909_052330_000000402019_00406_07975_9396.N1 | 09-SEP-2003 05:23:30 | Straylight | 39.500 | 172 | Gam Gru | 3.0030 | 13100. | 79 | 7975 | No |
| 99 | GOM_NL__2PRFIN20030909_052451_000000452019_00406_07975_9397.N1 | 09-SEP-2003 05:24:51 | Straylight | 45.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 90 | 7975 | No |
| 100 | GOM_NL__2PRFIN20030909_053231_000000432019_00406_07975_9398.N1 | 09-SEP-2003 05:32:31 | Bright | 43.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 86 | 7975 | No |
| 101 | GOM_NL__2PRFIN20030909_053351_000000402019_00406_07975_9399.N1 | 09-SEP-2003 05:33:51 | Bright | 40.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 80 | 7975 | No |

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|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|------|----|
| 102 | GOM_NL__2PRFIN20030909_053647_000000422019_00406_07975_9400.N1 | 09-SEP-2003 05:36:47 | Bright | 41.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 83 | 7975 | No |
| 103 | GOM_NL__2PRFIN20030909_053858_000000442019_00406_07975_9401.N1 | 09-SEP-2003 05:38:58 | Bright | 43.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 87 | 7975 | No |
| 104 | GOM_NL__2PRFIN20030909_054311_000000422019_00406_07975_9402.N1 | 09-SEP-2003 05:43:11 | Bright | 41.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 83 | 7975 | No |
| 105 | GOM_NL__2PRFIN20030909_054554_000000402019_00406_07975_9403.N1 | 09-SEP-2003 05:45:54 | Bright | 39.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 79 | 7975 | No |
| 106 | GOM_NL__2PRFIN20030909_054751_000000372019_00406_07975_9404.N1 | 09-SEP-2003 05:47:51 | Bright | 37.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 74 | 7975 | No |
| 107 | GOM_NL__2PRFIN20030909_055143_000000382019_00406_07975_9405.N1 | 09-SEP-2003 05:51:43 | Bright | 38.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 76 | 7975 | No |
| 108 | GOM_NL__2PRFIN20030909_055332_000000442019_00406_07975_9406.N1 | 09-SEP-2003 05:53:32 | Bright | 43.500 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 87 | 7975 | No |
| 109 | GOM_NL__2PRFIN20030909_055531_000000472019_00406_07975_9407.N1 | 09-SEP-2003 05:55:31 | Bright | 47.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 94 | 7975 | No |
| 110 | GOM_NL__2PRFIN20030909_055925_000000402019_00406_07975_9408.N1 | 09-SEP-2003 05:59:25 | Bright | 40.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 80 | 7975 | No |
| 111 | GOM_NL__2PRFIN20030909_060214_000000602019_00406_07975_9409.N1 | 09-SEP-2003 06:02:14 | Bright | 59.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 119 | 7975 | No |
| 112 | GOM_NL__2PRFIN20030909_060746_000000382019_00406_07975_9410.N1 | 09-SEP-2003 06:07:46 | Bright | 37.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 75 | 7975 | No |
| 113 | GOM_NL__2PRFIN20030909_061056_000000652019_00406_07975_9411.N1 | 09-SEP-2003 06:10:56 | Bright | 65.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 130 | 7975 | No |
| 114 | GOM_NL__2PRFIN20030909_061513_000000542019_00406_07975_9412.N1 | 09-SEP-2003 06:15:13 | Bright | 54.000 | 107 | 37The Aur | 2.6490 | 11000. | 108 | 7975 | No |
| 115 | GOM_NL__2PRFIN20030909_061748_000000572019_00406_07975_9413.N1 | 09-SEP-2003 06:17:48 | Bright | 57.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 114 | 7975 | No |
| 116 | GOM_NL__2PRFIN20030909_061942_000000922019_00406_07975_9414.N1 | 09-SEP-2003 06:19:42 | Twilight | 91.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 183 | 7975 | No |
| 117 | GOM_NL__2PRFIN20030909_062257_000000552019_00406_07975_9415.N1 | 09-SEP-2003 06:22:57 | Twilight | 55.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 110 | 7975 | No |
| 118 | GOM_NL__2PRFIN20030909_062448_000000512019_00406_07975_9416.N1 | 09-SEP-2003 06:24:48 | Twilight | 51.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 102 | 7975 | No |
| 119 | GOM_NL__2PRFIN20030909_062837_000000842019_00406_07975_9417.N1 | 09-SEP-2003 06:28:37 | Dark | 84.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 168 | 7975 | No |
| 120 | GOM_NL__2PRFIN20030909_063307_000000562019_00406_07975_9418.N1 | 09-SEP-2003 06:33:07 | Dark | 56.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 112 | 7975 | No |
| 121 | GOM_NL__2PRFIN20030909_063436_000000502019_00406_07975_9419.N1 | 09-SEP-2003 06:34:36 | Dark | 50.000 | 37 | 25Del CMa | 1.8300 | 5900.0 | 100 | 7975 | No |
| 122 | GOM_NL__2PRFIN20030909_063633_000000442019_00406_07975_9420.N1 | 09-SEP-2003 06:36:33 | Dark | 43.500 | 70 | Zet Pup | 2.2460 | 39000. | 87 | 7975 | No |
| 123 | GOM_NL__2PRFIN20030909_063822_000000412019_00406_07975_9421.N1 | 09-SEP-2003 06:38:22 | Dark | 40.500 | 34 | Gam2Vel | 1.7930 | 23000. | 81 | 7975 | No |
| 124 | GOM_NL__2PRFIN20030909_065202_000000402019_00407_07976_9393.N1 | 09-SEP-2003 06:52:02 | Dark | 39.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 79 | 7976 | No |
| 125 | GOM_NL__2PRFIN20030909_065358_000000462019_00407_07976_9394.N1 | 09-SEP-2003 06:53:58 | Dark | 46.000 | 9 | Alp Eri | 0.45300 | 24000. | 92 | 7976 | No |
| 126 | GOM_NL__2PRFIN20030909_065737_000000412019_00407_07976_9395.N1 | 09-SEP-2003 06:57:37 | Straylight | 41.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 82 | 7976 | No |
| 127 | GOM_NL__2PRFIN20030909_070118_000000432019_00407_07976_9396.N1 | 09-SEP-2003 07:01:18 | Straylight | 43.000 | 31 | Alp Gru | 1.7340 | 15200. | 86 | 7976 | No |
| 128 | GOM_NL__2PRFIN20030909_070406_000000402019_00407_07976_9397.N1 | 09-SEP-2003 07:04:06 | Straylight | 39.500 | 172 | Gam Gru | 3.0030 | 13100. | 79 | 7976 | No |
| 129 | GOM_NL__2PRFIN20030909_070527_000000502019_00407_07976_9398.N1 | 09-SEP-2003 07:05:27 | Straylight | 49.500 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 99 | 7976 | No |
| 130 | GOM_NL__2PRFIN20030909_071309_000000392019_00407_07976_9399.N1 | 09-SEP-2003 07:13:09 | Bright | 38.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 77 | 7976 | No |
| 131 | GOM_NL__2PRFIN20030909_071427_000000412019_00407_07976_9400.N1 | 09-SEP-2003 07:14:27 | Bright | 40.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 81 | 7976 | No |
| 132 | GOM_NL__2PRFIN20030909_071723_000000422019_00407_07976_9401.N1 | 09-SEP-2003 07:17:23 | Bright | 41.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 83 | 7976 | No |
| 133 | GOM_NL__2PRFIN20030909_071933_000000442019_00407_07976_9402.N1 | 09-SEP-2003 07:19:33 | Bright | 43.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 87 | 7976 | No |
| 134 | GOM_NL__2PRFIN20030909_072347_000000422019_00407_07976_9403.N1 | 09-SEP-2003 07:23:47 | Bright | 42.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 84 | 7976 | No |
| 135 | GOM_NL__2PRFIN20030909_072630_000000392019_00407_07976_9404.N1 | 09-SEP-2003 07:26:30 | Bright | 39.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 78 | 7976 | No |
| 136 | GOM_NL__2PRFIN20030909_072827_000000382019_00407_07976_9405.N1 | 09-SEP-2003 07:28:27 | Bright | 38.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 76 | 7976 | No |
| 137 | GOM_NL__2PRFIN20030909_073219_000000392019_00407_07976_9406.N1 | 09-SEP-2003 07:32:19 | Bright | 39.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 78 | 7976 | No |
| 138 | GOM_NL__2PRFIN20030909_073407_000000452019_00407_07976_9407.N1 | 09-SEP-2003 07:34:07 | Bright | 44.500 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 89 | 7976 | No |
| 139 | GOM_NL__2PRFIN20030909_073606_000000442019_00407_07976_9408.N1 | 09-SEP-2003 07:36:06 | Bright | 43.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 87 | 7976 | No |
| 140 | GOM_NL__2PRFIN20030909_074001_000000372019_00407_07976_9409.N1 | 09-SEP-2003 07:40:01 | Bright | 37.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 74 | 7976 | No |
| 141 | GOM_NL__2PRFIN20030909_074249_000000582019_00407_07976_9410.N1 | 09-SEP-2003 07:42:49 | Bright | 58.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 116 | 7976 | No |
| 142 | GOM_NL__2PRFIN20030909_074822_000000372019_00407_07976_9411.N1 | 09-SEP-2003 07:48:22 | Bright | 36.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 73 | 7976 | No |
| 143 | GOM_NL__2PRFIN20030909_075131_000000602019_00407_07976_9412.N1 | 09-SEP-2003 07:51:31 | Bright | 60.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 120 | 7976 | No |
| 144 | GOM_NL__2PRFIN20030909_075549_000000542019_00407_07976_9413.N1 | 09-SEP-2003 07:55:49 | Bright | 53.500 | 107 | 37The Aur | 2.6490 | 11000. | 107 | 7976 | No |
| 145 | GOM_NL__2PRFIN20030909_075823_000000472019_00407_07976_9414.N1 | 09-SEP-2003 07:58:23 | Bright | 47.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 94 | 7976 | No |
| 146 | GOM_NL__2PRFIN20030909_080019_000000902019_00407_07976_9415.N1 | 09-SEP-2003 08:00:19 | Twilight | 90.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 180 | 7976 | No |
| 147 | GOM_NL__2PRFIN20030909_080334_000000592019_00407_07976_9416.N1 | 09-SEP-2003 08:03:34 | Twilight | 59.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 118 | 7976 | No |
| 148 | GOM_NL__2PRFIN20030909_080524_000000552019_00407_07976_9417.N1 | 09-SEP-2003 08:05:24 | Twilight | 54.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 109 | 7976 | No |
| 149 | GOM_NL__2PRFIN20030909_080914_000000932019_00407_07976_9418.N1 | 09-SEP-2003 08:09:14 | Dark | 93.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 186 | 7976 | No |
| 150 | GOM_NL__2PRFIN20030909_081344_000000582019_00407_07976_9419.N1 | 09-SEP-2003 08:13:44 | Dark | 57.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 115 | 7976 | No |
| 151 | GOM_NL__2PRFIN20030909_081513_000000532019_00407_07976_9420.N1 | 09-SEP-2003 08:15:13 | Dark | 52.500 | 37 | 25Del CMa | 1.8300 | 5900.0 | 105 | 7976 | No |
| 152 | GOM_NL__2PRFIN20030909_081710_000000422019_00407_07976_9421.N1 | 09-SEP-2003 08:17:10 | Dark | 41.500 | 70 | Zet Pup | 2.2460 | 39000. | 83 | 7976 | No |
| 153 | GOM_NL__2PRFIN20030909_081858_000000422019_00407_07976_9422.N1 | 09-SEP-2003 08:18:58 | Dark | 41.500 | 34 | Gam2Vel | 1.7930 | 23000. | 83 | 7976 | No |
| 154 | GOM_NL__2PRFIN20030909_083238_000000402019_00408_07977_9536.N1 | 09-SEP-2003 08:32:38 | Dark | 39.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 79 | 7977 | No |
| 155 | GOM_NL__2PRFIN20030909_083435_000000552019_00408_07977_9537.N1 | 09-SEP-2003 08:34:35 | Dark | 55.000 | 9 | Alp Eri | 0.45300 | 24000. | 110 | 7977 | No |
| 156 | GOM_NL__2PRFIN20030909_083813_000000442019_00408_07977_9538.N1 | 09-SEP-2003 08:38:13 | Straylight | 43.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 87 | 7977 | No |
| 157 | GOM_NL__2PRFIN20030909_084153_000000422019_00408_07977_9539.N1 | 09-SEP-2003 08:41:53 | Straylight | 42.000 | 31 | Alp Gru | 1.7340 | 15200. | 84 | 7977 | No |
| 158 | GOM_NL__2PRFIN20030909_084442_000000432019_00408_07977_9540.N1 | 09-SEP-2003 08:44:42 | Straylight | 42.500 | 172 | Gam Gru | 3.0030 | 13100. | 85 | 7977 | No |
| 159 | GOM_NL__2PRFIN20030909_084604_000000512019_00408_07977_9541.N1 | 09-SEP-2003 08:46:04 | Straylight | 50.500 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 101 | 7977 | No |
| 160 | GOM_NL__2PRFIN20030909_085343_000000432019_00408_07977_9542.N1 | 09-SEP-2003 08:53:43 | Bright | 42.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 85 | 7977 | No |

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|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|------|----|
| 161 | GOM_NL__2PRFIN20030909_085503_000000402019_00408_07977_9543.N1 | 09-SEP-2003 08:55:03 | Bright | 40.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 80 | 7977 | No |
| 162 | GOM_NL__2PRFIN20030909_085800_000000412019_00408_07977_9544.N1 | 09-SEP-2003 08:58:00 | Bright | 40.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 81 | 7977 | No |
| 163 | GOM_NL__2PRFIN20030909_090009_000000432019_00408_07977_9545.N1 | 09-SEP-2003 09:00:09 | Bright | 43.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 86 | 7977 | No |
| 164 | GOM_NL__2PRFIN20030909_090422_000000412019_00408_07977_9546.N1 | 09-SEP-2003 09:04:22 | Bright | 40.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 81 | 7977 | No |
| 165 | GOM_NL__2PRFIN20030909_090706_000000382019_00408_07977_9547.N1 | 09-SEP-2003 09:07:06 | Bright | 37.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 75 | 7977 | No |
| 166 | GOM_NL__2PRFIN20030909_090904_000000392019_00408_07977_9548.N1 | 09-SEP-2003 09:09:04 | Bright | 38.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 77 | 7977 | No |
| 167 | GOM_NL__2PRFIN20030909_091254_000000392019_00408_07977_9549.N1 | 09-SEP-2003 09:12:54 | Bright | 38.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 77 | 7977 | No |
| 168 | GOM_NL__2PRFIN20030909_091443_000000442019_00408_07977_9550.N1 | 09-SEP-2003 09:14:43 | Bright | 43.500 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 87 | 7977 | No |
| 169 | GOM_NL__2PRFIN20030909_091641_000000472019_00408_07977_9551.N1 | 09-SEP-2003 09:16:41 | Bright | 46.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 93 | 7977 | No |
| 170 | GOM_NL__2PRFIN20030909_092037_000000402019_00408_07977_9552.N1 | 09-SEP-2003 09:20:37 | Bright | 40.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 80 | 7977 | No |
| 171 | GOM_NL__2PRFIN20030909_092324_000000592019_00408_07977_9553.N1 | 09-SEP-2003 09:23:24 | Bright | 58.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 117 | 7977 | No |
| 172 | GOM_NL__2PRFIN20030909_092859_000000362019_00408_07977_9554.N1 | 09-SEP-2003 09:28:59 | Bright | 35.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 71 | 7977 | No |
| 173 | GOM_NL__2PRFIN20030909_093207_000000632019_00408_07977_9555.N1 | 09-SEP-2003 09:32:07 | Bright | 63.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 126 | 7977 | No |
| 174 | GOM_NL__2PRFIN20030909_093625_000000542019_00408_07977_9556.N1 | 09-SEP-2003 09:36:25 | Bright | 54.000 | 107 | 37The Aur | 2.6490 | 11000. | 108 | 7977 | No |
| 175 | GOM_NL__2PRFIN20030909_093859_000000442019_00408_07977_9557.N1 | 09-SEP-2003 09:38:59 | Bright | 43.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 87 | 7977 | No |
| 176 | GOM_NL__2PRFIN20030909_094055_000000892019_00408_07977_9558.N1 | 09-SEP-2003 09:40:55 | Tw_i_and_stray | 89.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 178 | 7977 | No |
| 177 | GOM_NL__2PRFIN20030909_094410_000000592019_00408_07977_9559.N1 | 09-SEP-2003 09:44:10 | Tw_i_and_stray | 58.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 117 | 7977 | No |
| 178 | GOM_NL__2PRFIN20030909_094601_000000582019_00408_07977_9560.N1 | 09-SEP-2003 09:46:01 | Twilight | 58.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 116 | 7977 | No |
| 179 | GOM_NL__2PRFIN20030909_094951_000000992019_00408_07977_9561.N1 | 09-SEP-2003 09:49:51 | Dark | 99.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 198 | 7977 | No |
| 180 | GOM_NL__2PRFIN20030909_095421_000000582019_00408_07977_9562.N1 | 09-SEP-2003 09:54:21 | Dark | 57.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 115 | 7977 | No |
| 181 | GOM_NL__2PRFIN20030909_095548_000000512019_00408_07977_9563.N1 | 09-SEP-2003 09:55:48 | Dark | 51.000 | 37 | 25Del CMa | 1.8300 | 5900.0 | 102 | 7977 | No |
| 182 | GOM_NL__2PRFIN20030909_095745_000000432019_00408_07977_9564.N1 | 09-SEP-2003 09:57:45 | Dark | 42.500 | 70 | Zet Pup | 2.2460 | 39000. | 85 | 7977 | No |
| 183 | GOM_NL__2PRFIN20030909_095935_000000412019_00408_07977_9565.N1 | 09-SEP-2003 09:59:35 | Dark | 41.000 | 34 | Gam2Vel | 1.7930 | 23000. | 82 | 7977 | No |
| 184 | GOM_NL__2PRFIN20030909_101315_000000412019_00409_07978_9235.N1 | 09-SEP-2003 10:13:15 | Dark | 40.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 81 | 7978 | No |
| 185 | GOM_NL__2PRFIN20030909_101512_000000562019_00409_07978_9236.N1 | 09-SEP-2003 10:15:12 | Dark | 55.500 | 9 | Alp Eri | 0.45300 | 24000. | 111 | 7978 | No |
| 186 | GOM_NL__2PRFIN20030909_101850_000000422019_00409_07978_9237.N1 | 09-SEP-2003 10:18:50 | Straylight | 42.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 84 | 7978 | No |
| 187 | GOM_NL__2PRFIN20030909_102231_000000432019_00409_07978_9238.N1 | 09-SEP-2003 10:22:31 | Straylight | 42.500 | 31 | Alp Gru | 1.7340 | 15200. | 85 | 7978 | No |
| 188 | GOM_NL__2PRFIN20030909_102519_000000412019_00409_07978_9239.N1 | 09-SEP-2003 10:25:19 | Straylight | 41.000 | 172 | Gam Gru | 3.0030 | 13100. | 82 | 7978 | No |
| 189 | GOM_NL__2PRFIN20030909_102640_000000462019_00409_07978_9240.N1 | 09-SEP-2003 10:26:40 | Straylight | 45.500 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 91 | 7978 | No |
| 190 | GOM_NL__2PRFIN20030909_103421_000000412019_00409_07978_9241.N1 | 09-SEP-2003 10:34:21 | Bright | 41.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 82 | 7978 | No |
| 191 | GOM_NL__2PRFIN20030909_103538_000000392019_00409_07978_9242.N1 | 09-SEP-2003 10:35:38 | Bright | 39.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 78 | 7978 | No |
| 192 | GOM_NL__2PRFIN20030909_103837_000000402019_00409_07978_9243.N1 | 09-SEP-2003 10:38:37 | Bright | 39.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 79 | 7978 | No |
| 193 | GOM_NL__2PRFIN20030909_104044_000000452019_00409_07978_9244.N1 | 09-SEP-2003 10:40:44 | Bright | 45.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 90 | 7978 | No |
| 194 | GOM_NL__2PRFIN20030909_104458_000000412019_00409_07978_9245.N1 | 09-SEP-2003 10:44:58 | Bright | 40.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 81 | 7978 | No |
| 195 | GOM_NL__2PRFIN20030909_104743_000000392019_00409_07978_9246.N1 | 09-SEP-2003 10:47:43 | Bright | 38.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 77 | 7978 | No |
| 196 | GOM_NL__2PRFIN20030909_104941_000000382019_00409_07978_9247.N1 | 09-SEP-2003 10:49:41 | Bright | 38.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 76 | 7978 | No |
| 197 | GOM_NL__2PRFIN20030909_105331_000000392019_00409_07978_9248.N1 | 09-SEP-2003 10:53:31 | Bright | 38.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 77 | 7978 | No |
| 198 | GOM_NL__2PRFIN20030909_105518_000000442019_00409_07978_9249.N1 | 09-SEP-2003 10:55:18 | Bright | 43.500 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 87 | 7978 | No |
| 199 | GOM_NL__2PRFIN20030909_110114_000000382019_00409_07978_9250.N1 | 09-SEP-2003 11:01:14 | Bright | 38.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 76 | 7978 | No |
| 200 | GOM_NL__2PRFIN20030909_110359_000000572019_00409_07978_9251.N1 | 09-SEP-2003 11:03:59 | Bright | 57.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 114 | 7978 | No |
| 201 | GOM_NL__2PRFIN20030909_110935_000000522019_00409_07978_9252.N1 | 09-SEP-2003 11:09:35 | Bright | 52.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 104 | 7978 | No |
| 202 | GOM_NL__2PRFIN20030909_111242_000000642019_00409_07978_9253.N1 | 09-SEP-2003 11:12:42 | Bright | 64.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 128 | 7978 | No |
| 203 | GOM_NL__2PRFIN20030909_111701_000000532019_00409_07978_9254.N1 | 09-SEP-2003 11:17:01 | Bright | 53.000 | 107 | 37The Aur | 2.6490 | 11000. | 106 | 7978 | No |
| 204 | GOM_NL__2PRFIN20030909_111936_000000502019_00409_07978_9255.N1 | 09-SEP-2003 11:19:36 | Bright | 49.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 99 | 7978 | No |
| 205 | GOM_NL__2PRFIN20030909_112132_000000892019_00409_07978_9256.N1 | 09-SEP-2003 11:21:32 | Tw_i_and_stray | 88.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 177 | 7978 | No |
| 206 | GOM_NL__2PRFIN20030909_112447_000000602019_00409_07978_9257.N1 | 09-SEP-2003 11:24:47 | Tw_i_and_stray | 59.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 119 | 7978 | No |
| 207 | GOM_NL__2PRFIN20030909_112637_000000482019_00409_07978_9258.N1 | 09-SEP-2003 11:26:37 | Twilight | 48.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 96 | 7978 | No |
| 208 | GOM_NL__2PRFIN20030909_113028_000000932019_00409_07978_9259.N1 | 09-SEP-2003 11:30:28 | Dark | 93.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 186 | 7978 | No |
| 209 | GOM_NL__2PRFIN20030909_113458_000000582019_00409_07978_9260.N1 | 09-SEP-2003 11:34:58 | Dark | 57.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 115 | 7978 | No |
| 210 | GOM_NL__2PRFIN20030909_113626_000000472019_00409_07978_9261.N1 | 09-SEP-2003 11:36:26 | Dark | 47.000 | 37 | 25Del CMa | 1.8300 | 5900.0 | 94 | 7978 | No |
| 211 | GOM_NL__2PRFIN20030909_113822_000000422019_00409_07978_9262.N1 | 09-SEP-2003 11:38:22 | Dark | 42.000 | 70 | Zet Pup | 2.2460 | 39000. | 84 | 7978 | No |
| 212 | GOM_NL__2PRFIN20030909_114011_000000432019_00409_07978_9263.N1 | 09-SEP-2003 11:40:11 | Dark | 42.500 | 34 | Gam2Vel | 1.7930 | 23000. | 85 | 7978 | No |
| 213 | GOM_NL__2PRFIN20030909_133428_000000392019_00411_07980_8658.N1 | 09-SEP-2003 13:34:28 | Dark | 38.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 77 | 7980 | No |
| 214 | GOM_NL__2PRFIN20030909_133625_000000472019_00411_07980_8659.N1 | 09-SEP-2003 13:36:25 | Dark | 46.500 | 9 | Alp Eri | 0.45300 | 24000. | 93 | 7980 | No |
| 215 | GOM_NL__2PRFIN20030909_134002_000000422019_00411_07980_8660.N1 | 09-SEP-2003 13:40:02 | Straylight | 41.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 83 | 7980 | No |
| 216 | GOM_NL__2PRFIN20030909_134344_000000442019_00411_07980_8661.N1 | 09-SEP-2003 13:43:44 | Straylight | 43.500 | 31 | Alp Gru | 1.7340 | 15200. | 87 | 7980 | No |
| 217 | GOM_NL__2PRFIN20030909_134632_000000382019_00411_07980_8662.N1 | 09-SEP-2003 13:46:32 | Straylight | 38.000 | 172 | Gam Gru | 3.0030 | 13100. | 76 | 7980 | No |
| 218 | GOM_NL__2PRFIN20030909_134752_000000482019_00411_07980_8663.N1 | 09-SEP-2003 13:47:52 | Straylight | 47.500 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 95 | 7980 | No |
| 219 | GOM_NL__2PRFIN20030909_135026_000000682019_00411_07980_8664.N1 | 09-SEP-2003 13:50:26 | Tw_i_and_stray | 68.000 | 52 | 16Bet Cet | 2.0370 | 4500.0 | 136 | 7980 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|------|----|
| 220 | GOM_NL__2PRFIN20030909_135229_000000402019_00411_07980_8665.N1 | 09-SEP-2003 13:52:29 | Bright | 40.000 | 142 | 49Del Cap | 2.8500 | 8900.0 | 80 | 7980 | No |
| 221 | GOM_NL__2PRFIN20030909_135534_000000392019_00411_07980_8666.N1 | 09-SEP-2003 13:55:34 | Bright | 38.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 77 | 7980 | No |
| 222 | GOM_NL__2PRFIN20030909_135650_000000402019_00411_07980_8667.N1 | 09-SEP-2003 13:56:50 | Bright | 40.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 80 | 7980 | No |
| 223 | GOM_NL__2PRFIN20030909_135949_000000382019_00411_07980_8668.N1 | 09-SEP-2003 13:59:49 | Bright | 38.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 76 | 7980 | No |
| 224 | GOM_NL__2PRFIN20030909_140156_000000442019_00411_07980_8669.N1 | 09-SEP-2003 14:01:56 | Bright | 44.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 88 | 7980 | No |
| 225 | GOM_NL__2PRFIN20030909_140610_000000402019_00411_07980_8670.N1 | 09-SEP-2003 14:06:10 | Bright | 40.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 80 | 7980 | No |
| 226 | GOM_NL__2PRFIN20030909_140856_000000392019_00411_07980_8671.N1 | 09-SEP-2003 14:08:56 | Bright | 38.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 77 | 7980 | No |
| 227 | GOM_NL__2PRFIN20030909_141053_000000382019_00411_07980_8672.N1 | 09-SEP-2003 14:10:53 | Bright | 37.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 75 | 7980 | No |
| 228 | GOM_NL__2PRFIN20030909_141444_000000382019_00411_07980_8673.N1 | 09-SEP-2003 14:14:44 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 7980 | No |
| 229 | GOM_NL__2PRFIN20030909_141630_000000432019_00411_07980_8674.N1 | 09-SEP-2003 14:16:30 | Bright | 42.500 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 85 | 7980 | No |
| 230 | GOM_NL__2PRFIN20030909_141828_000000422019_00411_07980_8675.N1 | 09-SEP-2003 14:18:28 | Bright | 41.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 83 | 7980 | No |
| 231 | GOM_NL__2PRFIN20030909_142227_000000372019_00411_07980_8676.N1 | 09-SEP-2003 14:22:27 | Bright | 37.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 74 | 7980 | No |
| 232 | GOM_NL__2PRFIN20030909_142509_000000602019_00411_07980_8677.N1 | 09-SEP-2003 14:25:09 | Bright | 59.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 119 | 7980 | No |
| 233 | GOM_NL__2PRFIN20030909_143048_000000522019_00411_07980_8678.N1 | 09-SEP-2003 14:30:48 | Bright | 52.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 104 | 7980 | No |
| 234 | GOM_NL__2PRFIN20030909_143353_000000672019_00411_07980_8679.N1 | 09-SEP-2003 14:33:53 | Bright | 67.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 134 | 7980 | No |
| 235 | GOM_NL__2PRFIN20030909_143812_000000562019_00411_07980_8680.N1 | 09-SEP-2003 14:38:12 | Bright | 56.000 | 107 | 37The Aur | 2.6490 | 11000. | 112 | 7980 | No |
| 236 | GOM_NL__2PRFIN20030909_144048_000000432019_00411_07980_8681.N1 | 09-SEP-2003 14:40:48 | Bright | 43.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 86 | 7980 | No |
| 237 | GOM_NL__2PRFIN20030909_144244_000000932019_00411_07980_8682.N1 | 09-SEP-2003 14:42:44 | Twilight | 92.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 185 | 7980 | No |
| 238 | GOM_NL__2PRFIN20030909_144600_000000602019_00411_07980_8683.N1 | 09-SEP-2003 14:46:00 | Twilight | 60.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 120 | 7980 | No |
| 239 | GOM_NL__2PRFIN20030909_144750_000000532019_00411_07980_8684.N1 | 09-SEP-2003 14:47:50 | Twilight | 52.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 105 | 7980 | No |
| 240 | GOM_NL__2PRFIN20030909_145142_000000912019_00411_07980_8685.N1 | 09-SEP-2003 14:51:42 | Dark | 90.500 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 181 | 7980 | No |
| 241 | GOM_NL__2PRFIN20030909_145612_000000572019_00411_07980_8686.N1 | 09-SEP-2003 14:56:12 | Dark | 57.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 114 | 7980 | No |
| 242 | GOM_NL__2PRFIN20030909_145751_000000412019_00411_07980_8687.N1 | 09-SEP-2003 14:57:51 | Dark | 41.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 82 | 7980 | No |
| 243 | GOM_NL__2PRFIN20030909_145945_000000482019_00411_07980_8688.N1 | 09-SEP-2003 14:59:45 | Dark | 47.500 | 65 | Lam Vel | 2.2040 | 4400.0 | 95 | 7980 | No |
| 244 | GOM_NL__2PRFIN20030909_150124_000000412019_00411_07980_8689.N1 | 09-SEP-2003 15:01:24 | Dark | 40.500 | 34 | Gam2Vel | 1.7930 | 23000. | 81 | 7980 | No |
| 245 | GOM_NL__2PRFIN20030909_151503_000000402019_00412_07981_9543.N1 | 09-SEP-2003 15:15:03 | Dark | 39.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 79 | 7981 | No |
| 246 | GOM_NL__2PRFIN20030909_151702_000000462019_00412_07981_9544.N1 | 09-SEP-2003 15:17:02 | Dark | 46.000 | 9 | Alp Eri | 0.45300 | 24000. | 92 | 7981 | No |
| 247 | GOM_NL__2PRFIN20030909_152038_000000442019_00412_07981_9545.N1 | 09-SEP-2003 15:20:38 | Straylight | 44.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 88 | 7981 | No |
| 248 | GOM_NL__2PRFIN20030909_152420_000000422019_00412_07981_9546.N1 | 09-SEP-2003 15:24:20 | Straylight | 42.000 | 31 | Alp Gru | 1.7340 | 15200. | 84 | 7981 | No |
| 249 | GOM_NL__2PRFIN20030909_152707_000000402019_00412_07981_9547.N1 | 09-SEP-2003 15:27:07 | Straylight | 40.000 | 172 | Gam Gru | 3.0030 | 13100. | 80 | 7981 | No |
| 250 | GOM_NL__2PRFIN20030909_152829_000000482019_00412_07981_9548.N1 | 09-SEP-2003 15:28:29 | Straylight | 48.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 96 | 7981 | No |
| 251 | GOM_NL__2PRFIN20030909_153059_000000732019_00412_07981_9549.N1 | 09-SEP-2003 15:30:59 | Twilight | 73.000 | 52 | 16Bet Cet | 2.0370 | 4500.0 | 146 | 7981 | No |
| 252 | GOM_NL__2PRFIN20030909_153306_000000422019_00412_07981_9550.N1 | 09-SEP-2003 15:33:06 | Bright | 41.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 83 | 7981 | No |
| 253 | GOM_NL__2PRFIN20030909_153610_000000392019_00412_07981_9551.N1 | 09-SEP-2003 15:36:10 | Bright | 38.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 77 | 7981 | No |
| 254 | GOM_NL__2PRFIN20030909_153727_000000402019_00412_07981_9552.N1 | 09-SEP-2003 15:37:27 | Bright | 39.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 79 | 7981 | No |
| 255 | GOM_NL__2PRFIN20030909_154026_000000392019_00412_07981_9553.N1 | 09-SEP-2003 15:40:26 | Bright | 39.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 78 | 7981 | No |
| 256 | GOM_NL__2PRFIN20030909_154231_000000432019_00412_07981_9554.N1 | 09-SEP-2003 15:42:31 | Bright | 42.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 85 | 7981 | No |
| 257 | GOM_NL__2PRFIN20030909_154645_000000422019_00412_07981_9555.N1 | 09-SEP-2003 15:46:45 | Bright | 41.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 83 | 7981 | No |
| 258 | GOM_NL__2PRFIN20030909_154931_000000392019_00412_07981_9556.N1 | 09-SEP-2003 15:49:31 | Bright | 39.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 78 | 7981 | No |
| 259 | GOM_NL__2PRFIN20030909_155129_000000392019_00412_07981_9557.N1 | 09-SEP-2003 15:51:29 | Bright | 38.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 77 | 7981 | No |
| 260 | GOM_NL__2PRFIN20030909_155519_000000372019_00412_07981_9558.N1 | 09-SEP-2003 15:55:19 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 7981 | No |
| 261 | GOM_NL__2PRFIN20030909_155705_000000442019_00412_07981_9559.N1 | 09-SEP-2003 15:57:05 | Bright | 43.500 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 87 | 7981 | No |
| 262 | GOM_NL__2PRFIN20030909_155903_000000432019_00412_07981_9560.N1 | 09-SEP-2003 15:59:03 | Bright | 42.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 85 | 7981 | No |
| 263 | GOM_NL__2PRFIN20030909_160302_000000382019_00412_07981_9561.N1 | 09-SEP-2003 16:03:02 | Bright | 37.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 75 | 7981 | No |
| 264 | GOM_NL__2PRFIN20030909_160544_000000562019_00412_07981_9562.N1 | 09-SEP-2003 16:05:44 | Bright | 56.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 112 | 7981 | No |
| 265 | GOM_NL__2PRFIN20030909_161123_000000392019_00412_07981_9563.N1 | 09-SEP-2003 16:11:23 | Bright | 38.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 77 | 7981 | No |
| 266 | GOM_NL__2PRFIN20030909_161428_000000682019_00412_07981_9564.N1 | 09-SEP-2003 16:14:28 | Bright | 68.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 136 | 7981 | No |
| 267 | GOM_NL__2PRFIN20030909_161848_000000562019_00412_07981_9565.N1 | 09-SEP-2003 16:18:48 | Bright | 56.000 | 107 | 37The Aur | 2.6490 | 11000. | 112 | 7981 | No |
| 268 | GOM_NL__2PRFIN20030909_162124_000000452019_00412_07981_9566.N1 | 09-SEP-2003 16:21:24 | Bright | 44.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 89 | 7981 | No |
| 269 | GOM_NL__2PRFIN20030909_162320_000000842019_00412_07981_9567.N1 | 09-SEP-2003 16:23:20 | Twilight | 83.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 167 | 7981 | No |
| 270 | GOM_NL__2PRFIN20030909_162636_000000592019_00412_07981_9568.N1 | 09-SEP-2003 16:26:36 | Twilight | 59.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 118 | 7981 | No |
| 271 | GOM_NL__2PRFIN20030909_162827_000000572019_00412_07981_9569.N1 | 09-SEP-2003 16:28:27 | Twilight | 56.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 113 | 7981 | No |
| 272 | GOM_NL__2PRFIN20030909_163220_000001002019_00412_07981_9570.N1 | 09-SEP-2003 16:32:20 | Dark | 100.00 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 200 | 7981 | No |
| 273 | GOM_NL__2PRFIN20030909_163648_000000632019_00412_07981_9571.N1 | 09-SEP-2003 16:36:48 | Dark | 62.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 125 | 7981 | No |
| 274 | GOM_NL__2PRFIN20030909_163828_000000452019_00412_07981_9572.N1 | 09-SEP-2003 16:38:28 | Dark | 44.500 | 88 | 31Eta CMa | 2.4480 | 20000. | 89 | 7981 | No |
| 275 | GOM_NL__2PRFIN20030909_164021_000000422019_00412_07981_9573.N1 | 09-SEP-2003 16:40:21 | Dark | 42.000 | 65 | Lam Vel | 2.2040 | 4400.0 | 84 | 7981 | No |
| 276 | GOM_NL__2PRFIN20030909_164200_000000402019_00412_07981_9574.N1 | 09-SEP-2003 16:42:00 | Dark | 39.500 | 34 | Gam2Vel | 1.7930 | 23000. | 79 | 7981 | No |
| 277 | GOM_NL__2PRFIN20030909_165540_000000382019_00413_07982_9544.N1 | 09-SEP-2003 16:55:40 | Dark | 38.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 76 | 7982 | No |
| 278 | GOM_NL__2PRFIN20030909_165738_000000462019_00413_07982_9545.N1 | 09-SEP-2003 16:57:38 | Dark | 45.500 | 9 | Alp Eri | 0.45300 | 24000. | 91 | 7982 | No |

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|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|------|----|
| 279 | GOM_NL__2PRFIN20030909_170113_000000402019_00413_07982_9546.N1 | 09-SEP-2003 17:01:13 | Straylight | 40.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 80 | 7982 | No |
| 280 | GOM_NL__2PRFIN20030909_170456_000000432019_00413_07982_9547.N1 | 09-SEP-2003 17:04:56 | Straylight | 42.500 | 31 | Alp Gru | 1.7340 | 15200. | 85 | 7982 | No |
| 281 | GOM_NL__2PRFIN20030909_170743_000000392019_00413_07982_9548.N1 | 09-SEP-2003 17:07:43 | Straylight | 38.500 | 172 | Gam Gru | 3.0030 | 13100. | 77 | 7982 | No |
| 282 | GOM_NL__2PRFIN20030909_170905_000000472019_00413_07982_9549.N1 | 09-SEP-2003 17:09:05 | Straylight | 46.500 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 93 | 7982 | No |
| 283 | GOM_NL__2PRFIN20030909_171137_000000722019_00413_07982_9550.N1 | 09-SEP-2003 17:11:37 | Tw_i_and_stray | 72.000 | 52 | 16Bet Cet | 2.0370 | 4500.0 | 144 | 7982 | No |
| 284 | GOM_NL__2PRFIN20030909_171341_000000432019_00413_07982_9551.N1 | 09-SEP-2003 17:13:41 | Bright | 42.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 85 | 7982 | No |
| 285 | GOM_NL__2PRFIN20030909_171646_000000402019_00413_07982_9552.N1 | 09-SEP-2003 17:16:46 | Bright | 40.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 80 | 7982 | No |
| 286 | GOM_NL__2PRFIN20030909_171803_000000412019_00413_07982_9553.N1 | 09-SEP-2003 17:18:03 | Bright | 40.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 81 | 7982 | No |
| 287 | GOM_NL__2PRFIN20030909_172101_000000392019_00413_07982_9554.N1 | 09-SEP-2003 17:21:01 | Bright | 38.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 77 | 7982 | No |
| 288 | GOM_NL__2PRFIN20030909_172306_000000452019_00413_07982_9555.N1 | 09-SEP-2003 17:23:06 | Bright | 44.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 89 | 7982 | No |
| 289 | GOM_NL__2PRFIN20030909_172720_000000442019_00413_07982_9556.N1 | 09-SEP-2003 17:27:20 | Bright | 43.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 87 | 7982 | No |
| 290 | GOM_NL__2PRFIN20030909_173007_000000402019_00413_07982_9557.N1 | 09-SEP-2003 17:30:07 | Bright | 40.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 80 | 7982 | No |
| 291 | GOM_NL__2PRFIN20030909_173206_000000382019_00413_07982_9558.N1 | 09-SEP-2003 17:32:06 | Bright | 38.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 76 | 7982 | No |
| 292 | GOM_NL__2PRFIN20030909_173555_000000382019_00413_07982_9559.N1 | 09-SEP-2003 17:35:55 | Bright | 38.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 76 | 7982 | No |
| 293 | GOM_NL__2PRFIN20030909_173739_000000452019_00413_07982_9560.N1 | 09-SEP-2003 17:37:39 | Bright | 44.500 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 89 | 7982 | No |
| 294 | GOM_NL__2PRFIN20030909_173937_000000472019_00413_07982_9561.N1 | 09-SEP-2003 17:39:37 | Bright | 47.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 94 | 7982 | No |
| 295 | GOM_NL__2PRFIN20030909_174338_000000382019_00413_07982_9562.N1 | 09-SEP-2003 17:43:38 | Bright | 38.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 76 | 7982 | No |
| 296 | GOM_NL__2PRFIN20030909_174619_000000582019_00413_07982_9563.N1 | 09-SEP-2003 17:46:19 | Bright | 57.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 115 | 7982 | No |
| 297 | GOM_NL__2PRFIN20030909_175200_000000352019_00413_07982_9564.N1 | 09-SEP-2003 17:52:00 | Bright | 35.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 70 | 7982 | No |
| 298 | GOM_NL__2PRFIN20030909_175504_000000712019_00413_07982_9565.N1 | 09-SEP-2003 17:55:04 | Bright | 71.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 142 | 7982 | No |
| 299 | GOM_NL__2PRFIN20030909_175924_000000542019_00413_07982_9566.N1 | 09-SEP-2003 17:59:24 | Bright | 54.000 | 107 | 37The Aur | 2.6490 | 11000. | 108 | 7982 | No |
| 300 | GOM_NL__2PRFIN20030909_180159_000000462019_00413_07982_9567.N1 | 09-SEP-2003 18:01:59 | Bright | 46.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 92 | 7982 | No |
| 301 | GOM_NL__2PRFIN20030909_180356_000000832019_00413_07982_9568.N1 | 09-SEP-2003 18:03:56 | Tw_i_and_stray | 82.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 165 | 7982 | No |
| 302 | GOM_NL__2PRFIN20030909_180711_000000632019_00413_07982_9569.N1 | 09-SEP-2003 18:07:11 | Tw_i_and_stray | 62.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 125 | 7982 | No |
| 303 | GOM_NL__2PRFIN20030909_180903_000000512019_00413_07982_9570.N1 | 09-SEP-2003 18:09:03 | Twilight | 50.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 101 | 7982 | No |
| 304 | GOM_NL__2PRFIN20030909_181257_000001002019_00413_07982_9571.N1 | 09-SEP-2003 18:12:57 | Dark | 100.00 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 200 | 7982 | No |
| 305 | GOM_NL__2PRFIN20030909_181724_000000572019_00413_07982_9572.N1 | 09-SEP-2003 18:17:24 | Dark | 56.500 | 1 | 9Alp CMa | -1.4400 | 11000. | 113 | 7982 | No |
| 306 | GOM_NL__2PRFIN20030909_181903_000000452019_00413_07982_9573.N1 | 09-SEP-2003 18:19:03 | Dark | 44.500 | 88 | 31Eta CMa | 2.4480 | 20000. | 89 | 7982 | No |
| 307 | GOM_NL__2PRFIN20030909_182057_000000452019_00413_07982_9574.N1 | 09-SEP-2003 18:20:57 | Dark | 44.500 | 65 | Lam Vel | 2.2040 | 4400.0 | 89 | 7982 | No |
| 308 | GOM_NL__2PRFIN20030909_182236_000000392019_00413_07982_9575.N1 | 09-SEP-2003 18:22:36 | Dark | 38.500 | 34 | Gam2Vel | 1.7930 | 23000. | 77 | 7982 | No |
| 309 | GOM_NL__2PRFIN20030909_183615_000000402019_00414_07983_9541.N1 | 09-SEP-2003 18:36:15 | Dark | 40.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 80 | 7983 | No |
| 310 | GOM_NL__2PRFIN20030909_183814_000000442019_00414_07983_9542.N1 | 09-SEP-2003 18:38:14 | Dark | 43.500 | 9 | Alp Eri | 0.45300 | 24000. | 87 | 7983 | No |
| 311 | GOM_NL__2PRFIN20030909_184149_000000482019_00414_07983_9543.N1 | 09-SEP-2003 18:41:49 | Straylight | 47.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 95 | 7983 | No |
| 312 | GOM_NL__2PRFIN20030909_184531_000000432019_00414_07983_9544.N1 | 09-SEP-2003 18:45:31 | Straylight | 42.500 | 31 | Alp Gru | 1.7340 | 15200. | 85 | 7983 | No |
| 313 | GOM_NL__2PRFIN20030909_184819_000000412019_00414_07983_9545.N1 | 09-SEP-2003 18:48:19 | Straylight | 40.500 | 172 | Gam Gru | 3.0030 | 13100. | 81 | 7983 | No |
| 314 | GOM_NL__2PRFIN20030909_184940_000000472019_00414_07983_9546.N1 | 09-SEP-2003 18:49:40 | Straylight | 47.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 94 | 7983 | No |
| 315 | GOM_NL__2PRFIN20030909_185211_000000742019_00414_07983_9547.N1 | 09-SEP-2003 18:52:11 | Tw_i_and_stray | 74.000 | 52 | 16Bet Cet | 2.0370 | 4500.0 | 148 | 7983 | No |
| 316 | GOM_NL__2PRFIN20030909_185415_000000462019_00414_07983_9548.N1 | 09-SEP-2003 18:54:15 | Bright | 45.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 91 | 7983 | No |
| 317 | GOM_NL__2PRFIN20030909_185722_000000392019_00414_07983_9549.N1 | 09-SEP-2003 18:57:22 | Bright | 38.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 77 | 7983 | No |
| 318 | GOM_NL__2PRFIN20030909_185839_000000402019_00414_07983_9550.N1 | 09-SEP-2003 18:58:39 | Bright | 39.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 79 | 7983 | No |
| 319 | GOM_NL__2PRFIN20030909_190137_000000402019_00414_07983_9551.N1 | 09-SEP-2003 19:01:37 | Bright | 39.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 79 | 7983 | No |
| 320 | GOM_NL__2PRFIN20030909_190343_000000452019_00414_07983_9552.N1 | 09-SEP-2003 19:03:43 | Bright | 45.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 90 | 7983 | No |
| 321 | GOM_NL__2PRFIN20030909_190756_000000412019_00414_07983_9553.N1 | 09-SEP-2003 19:07:56 | Bright | 41.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 82 | 7983 | No |
| 322 | GOM_NL__2PRFIN20030909_191043_000000412019_00414_07983_9554.N1 | 09-SEP-2003 19:10:43 | Bright | 40.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 81 | 7983 | No |
| 323 | GOM_NL__2PRFIN20030909_191242_000000382019_00414_07983_9555.N1 | 09-SEP-2003 19:12:42 | Bright | 38.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 76 | 7983 | No |
| 324 | GOM_NL__2PRFIN20030909_191631_000000382019_00414_07983_9556.N1 | 09-SEP-2003 19:16:31 | Bright | 38.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 76 | 7983 | No |
| 325 | GOM_NL__2PRFIN20030909_191815_000000452019_00414_07983_9557.N1 | 09-SEP-2003 19:18:15 | Bright | 44.500 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 89 | 7983 | No |
| 326 | GOM_NL__2PRFIN20030909_192012_000000482019_00414_07983_9558.N1 | 09-SEP-2003 19:20:12 | Bright | 47.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 95 | 7983 | No |
| 327 | GOM_NL__2PRFIN20030909_192413_000000392019_00414_07983_9559.N1 | 09-SEP-2003 19:24:13 | Bright | 39.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 78 | 7983 | No |
| 328 | GOM_NL__2PRFIN20030909_192654_000000582019_00414_07983_9560.N1 | 09-SEP-2003 19:26:54 | Bright | 58.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 116 | 7983 | No |
| 329 | GOM_NL__2PRFIN20030909_193235_000000372019_00414_07983_9561.N1 | 09-SEP-2003 19:32:35 | Bright | 36.500 | 82 | 48Bet UMa | 2.3650 | 10600. | 73 | 7983 | No |
| 330 | GOM_NL__2PRFIN20030909_193539_000000682019_00414_07983_9562.N1 | 09-SEP-2003 19:35:39 | Bright | 68.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 136 | 7983 | No |
| 331 | GOM_NL__2PRFIN20030909_194000_000000552019_00414_07983_9563.N1 | 09-SEP-2003 19:40:00 | Bright | 54.500 | 107 | 37The Aur | 2.6490 | 11000. | 109 | 7983 | No |
| 332 | GOM_NL__2PRFIN20030909_194235_000000472019_00414_07983_9564.N1 | 09-SEP-2003 19:42:35 | Bright | 46.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 93 | 7983 | No |
| 333 | GOM_NL__2PRFIN20030909_194433_000000792019_00414_07983_9565.N1 | 09-SEP-2003 19:44:33 | Tw_i_and_stray | 79.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 158 | 7983 | No |
| 334 | GOM_NL__2PRFIN20030909_194748_000000602019_00414_07983_9566.N1 | 09-SEP-2003 19:47:48 | Tw_i_and_stray | 60.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 120 | 7983 | No |
| 335 | GOM_NL__2PRFIN20030909_194939_000000522019_00414_07983_9567.N1 | 09-SEP-2003 19:49:39 | Twilight | 52.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 104 | 7983 | No |
| 336 | GOM_NL__2PRFIN20030909_195334_000000912019_00414_07983_9568.N1 | 09-SEP-2003 19:53:34 | Dark | 90.500 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 181 | 7983 | No |
| 337 | GOM_NL__2PRFIN20030909_195801_000000562019_00414_07983_9569.N1 | 09-SEP-2003 19:58:01 | Dark | 56.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 112 | 7983 | No |

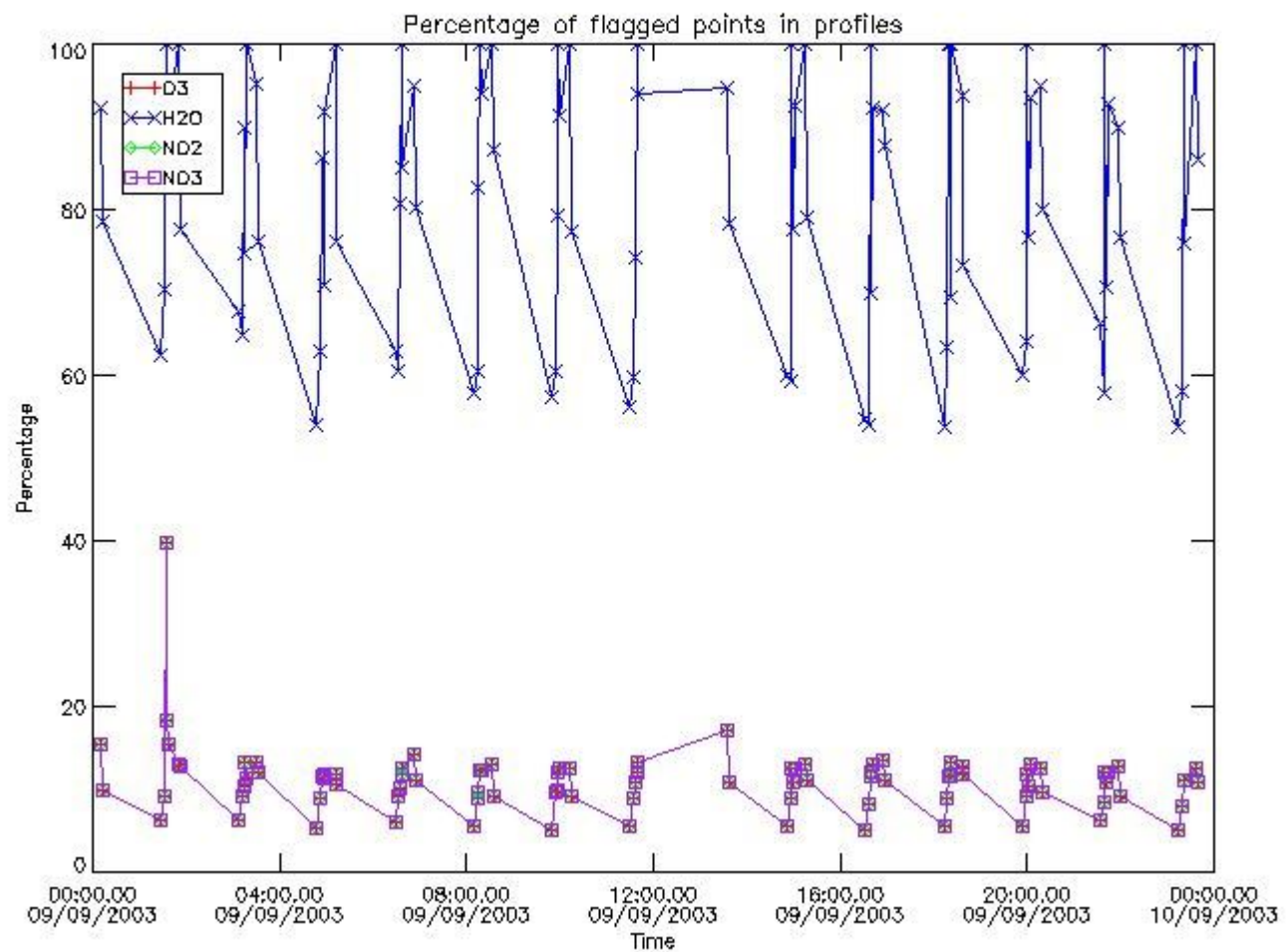
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|-----|--|----------------------|------------|--------|------|-----------|----------|--------|-----|------|-----|
| 338 | GOM_NL__2PRFIN20030909_195940_000000442019_00414_07983_9570.N1 | 09-SEP-2003 19:59:40 | Dark | 43.500 | 88 | 31Eta CMa | 2.4480 | 20000. | 87 | 7983 | No |
| 339 | GOM_NL__2PRFIN20030909_200133_000000502019_00414_07983_9571.N1 | 09-SEP-2003 20:01:33 | Dark | 49.500 | 65 | Lam Vel | 2.2040 | 4400.0 | 99 | 7983 | No |
| 340 | GOM_NL__2PRFIN20030909_200312_000000402019_00414_07983_9572.N1 | 09-SEP-2003 20:03:12 | Dark | 39.500 | 34 | Gam2Vel | 1.7930 | 23000. | 79 | 7983 | No |
| 341 | GOM_NL__2PRFIN20030909_201651_000000412019_00415_07984_9364.N1 | 09-SEP-2003 20:16:51 | Dark | 40.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 81 | 7984 | No |
| 342 | GOM_NL__2PRFIN20030909_201851_000000532019_00415_07984_9365.N1 | 09-SEP-2003 20:18:51 | Dark | 53.000 | 9 | Alp Eri | 0.45300 | 24000. | 106 | 7984 | No |
| 343 | GOM_NL__2PRFIN20030909_202226_000000412019_00415_07984_9366.N1 | 09-SEP-2003 20:22:26 | Straylight | 41.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 82 | 7984 | No |
| 344 | GOM_NL__2PRFIN20030909_202607_000000442019_00415_07984_9367.N1 | 09-SEP-2003 20:26:07 | Straylight | 44.000 | 31 | Alp Gru | 1.7340 | 15200. | 88 | 7984 | No |
| 345 | GOM_NL__2PRFIN20030909_202853_000000422019_00415_07984_9368.N1 | 09-SEP-2003 20:28:53 | Straylight | 42.000 | 172 | Gam Gru | 3.0030 | 13100. | 84 | 7984 | No |
| 346 | GOM_NL__2PRFIN20030909_203016_000000532019_00415_07984_9369.N1 | 09-SEP-2003 20:30:16 | Straylight | 53.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 106 | 7984 | No |
| 347 | GOM_NL__2PRFIN20030909_203249_000000712019_00415_07984_9370.N1 | 09-SEP-2003 20:32:49 | Twilight | 71.000 | 52 | 16Bet Cet | 2.0370 | 4500.0 | 142 | 7984 | No |
| 348 | GOM_NL__2PRFIN20030909_203453_000000442019_00415_07984_9371.N1 | 09-SEP-2003 20:34:53 | Bright | 43.500 | 142 | 49Del Cap | 2.8500 | 8900.0 | 87 | 7984 | No |
| 349 | GOM_NL__2PRFIN20030909_203758_000000402019_00415_07984_9372.N1 | 09-SEP-2003 20:37:58 | Bright | 39.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 79 | 7984 | No |
| 350 | GOM_NL__2PRFIN20030909_203914_000000412019_00415_07984_9373.N1 | 09-SEP-2003 20:39:14 | Bright | 40.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 81 | 7984 | No |
| 351 | GOM_NL__2PRFIN20030909_204212_000000412019_00415_07984_9374.N1 | 09-SEP-2003 20:42:12 | Bright | 40.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 81 | 7984 | No |
| 352 | GOM_NL__2PRFIN20030909_204418_000000442019_00415_07984_9375.N1 | 09-SEP-2003 20:44:18 | Bright | 44.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 88 | 7984 | No |
| 353 | GOM_NL__2PRFIN20030909_204831_000000432019_00415_07984_9376.N1 | 09-SEP-2003 20:48:31 | Bright | 43.000 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 86 | 7984 | No |
| 354 | GOM_NL__2PRFIN20030909_205119_000000372019_00415_07984_9377.N1 | 09-SEP-2003 20:51:19 | Bright | 37.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 74 | 7984 | No |
| 355 | GOM_NL__2PRFIN20030909_205318_000000392019_00415_07984_9378.N1 | 09-SEP-2003 20:53:18 | Bright | 38.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 77 | 7984 | No |
| 356 | GOM_NL__2PRFIN20030909_205706_000000382019_00415_07984_9379.N1 | 09-SEP-2003 20:57:06 | Bright | 38.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 76 | 7984 | No |
| 357 | GOM_NL__2PRFIN20030909_205851_000000442019_00415_07984_9380.N1 | 09-SEP-2003 20:58:51 | Bright | 43.500 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 87 | 7984 | No |
| 358 | GOM_NL__2PRFIN20030909_210048_000000432019_00415_07984_9381.N1 | 09-SEP-2003 21:00:48 | Bright | 42.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 85 | 7984 | No |
| 359 | GOM_NL__2PRFIN20030909_210447_000000412019_00415_07984_9382.N1 | 09-SEP-2003 21:04:47 | Bright | 41.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 82 | 7984 | No |
| 360 | GOM_NL__2PRFIN20030909_210729_000000602019_00415_07984_9383.N1 | 09-SEP-2003 21:07:29 | Bright | 60.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 120 | 7984 | No |
| 361 | GOM_NL__2PRFIN20030909_211311_000000372019_00415_07984_9384.N1 | 09-SEP-2003 21:13:11 | Bright | 37.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 74 | 7984 | No |
| 362 | GOM_NL__2PRFIN20030909_211615_000000612019_00415_07984_9385.N1 | 09-SEP-2003 21:16:15 | Bright | 60.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 121 | 7984 | No |
| 363 | GOM_NL__2PRFIN20030909_212036_000000552019_00415_07984_9386.N1 | 09-SEP-2003 21:20:36 | Bright | 54.500 | 107 | 37The Aur | 2.6490 | 11000. | 109 | 7984 | No |
| 364 | GOM_NL__2PRFIN20030909_212312_000000422019_00415_07984_9387.N1 | 09-SEP-2003 21:23:12 | Bright | 42.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 84 | 7984 | No |
| 365 | GOM_NL__2PRFIN20030909_212510_000000882019_00415_07984_9388.N1 | 09-SEP-2003 21:25:10 | Twilight | 87.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 175 | 7984 | No |
| 366 | GOM_NL__2PRFIN20030909_212825_000000642019_00415_07984_9389.N1 | 09-SEP-2003 21:28:25 | Twilight | 64.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 128 | 7984 | No |
| 367 | GOM_NL__2PRFIN20030909_213015_000000532019_00415_07984_9390.N1 | 09-SEP-2003 21:30:15 | Twilight | 53.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 106 | 7984 | No |
| 368 | GOM_NL__2PRFIN20030909_213412_000000822019_00415_07984_9391.N1 | 09-SEP-2003 21:34:12 | Dark | 82.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 164 | 7984 | No |
| 369 | GOM_NL__2PRFIN20030909_213837_000000612019_00415_07984_9392.N1 | 09-SEP-2003 21:38:37 | Dark | 61.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 122 | 7984 | No |
| 370 | GOM_NL__2PRFIN20030909_214016_000000432019_00415_07984_9393.N1 | 09-SEP-2003 21:40:16 | Dark | 42.500 | 88 | 31Eta CMa | 2.4480 | 20000. | 85 | 7984 | No |
| 371 | GOM_NL__2PRFIN20030909_214209_000000472019_00415_07984_9394.N1 | 09-SEP-2003 21:42:09 | Dark | 46.500 | 65 | Lam Vel | 2.2040 | 4400.0 | 93 | 7984 | No |
| 372 | GOM_NL__2PRFIN20030909_214345_000000422019_00415_07984_9395.N1 | 09-SEP-2003 21:43:45 | Dark | 42.000 | 34 | Gam2Vel | 1.7930 | 23000. | 84 | 7984 | No |
| 373 | GOM_NL__2PRFIN20030909_215727_000000402019_00416_07985_9385.N1 | 09-SEP-2003 21:57:27 | Dark | 40.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 80 | 7985 | No |
| 374 | GOM_NL__2PRFIN20030909_215926_000000562019_00416_07985_9386.N1 | 09-SEP-2003 21:59:26 | Dark | 56.000 | 9 | Alp Eri | 0.45300 | 24000. | 112 | 7985 | No |
| 375 | GOM_NL__2PRFIN20030909_220302_000000442019_00416_07985_9387.N1 | 09-SEP-2003 22:03:02 | Straylight | 44.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 88 | 7985 | No |
| 376 | GOM_NL__2PRFIN20030909_220617_000000412019_00416_07985_9388.N1 | 09-SEP-2003 22:06:17 | Straylight | 41.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 82 | 7985 | No |
| 377 | GOM_NL__2PRFIN20030909_220929_000000422019_00416_07985_9389.N1 | 09-SEP-2003 22:09:29 | Straylight | 42.000 | 172 | Gam Gru | 3.0030 | 13100. | 84 | 7985 | No |
| 378 | GOM_NL__2PRFIN20030909_221052_000000502019_00416_07985_9390.N1 | 09-SEP-2003 22:10:52 | Straylight | 50.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 100 | 7985 | No |
| 379 | GOM_NL__2PRFIN20030909_221503_000000532019_00416_07985_9391.N1 | 09-SEP-2003 22:15:03 | Dark | 52.500 | 1014 | Mars | 0.0000 | 0.0000 | 105 | 7985 | Yes |
| 380 | GOM_NL__2PRFIN20030909_221834_000000382019_00416_07985_9392.N1 | 09-SEP-2003 22:18:34 | Bright | 38.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 76 | 7985 | No |
| 381 | GOM_NL__2PRFIN20030909_221950_000000402019_00416_07985_9393.N1 | 09-SEP-2003 22:19:50 | Bright | 40.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 80 | 7985 | No |
| 382 | GOM_NL__2PRFIN20030909_222248_000000402019_00416_07985_9394.N1 | 09-SEP-2003 22:22:48 | Bright | 40.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 80 | 7985 | No |
| 383 | GOM_NL__2PRFIN20030909_222454_000000432019_00416_07985_9395.N1 | 09-SEP-2003 22:24:54 | Bright | 43.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 86 | 7985 | No |
| 384 | GOM_NL__2PRFIN20030909_223156_000000402019_00416_07985_9396.N1 | 09-SEP-2003 22:31:56 | Bright | 39.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 79 | 7985 | No |
| 385 | GOM_NL__2PRFIN20030909_223354_000000392019_00416_07985_9397.N1 | 09-SEP-2003 22:33:54 | Bright | 39.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 78 | 7985 | No |
| 386 | GOM_NL__2PRFIN20030909_223742_000000392019_00416_07985_9398.N1 | 09-SEP-2003 22:37:42 | Bright | 38.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 77 | 7985 | No |
| 387 | GOM_NL__2PRFIN20030909_223926_000000442019_00416_07985_9399.N1 | 09-SEP-2003 22:39:26 | Bright | 44.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 88 | 7985 | No |
| 388 | GOM_NL__2PRFIN20030909_224123_000000472019_00416_07985_9400.N1 | 09-SEP-2003 22:41:23 | Bright | 47.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 94 | 7985 | No |
| 389 | GOM_NL__2PRFIN20030909_224525_000000392019_00416_07985_9401.N1 | 09-SEP-2003 22:45:25 | Bright | 39.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 78 | 7985 | No |
| 390 | GOM_NL__2PRFIN20030909_224803_000000572019_00416_07985_9402.N1 | 09-SEP-2003 22:48:03 | Bright | 57.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 114 | 7985 | No |
| 391 | GOM_NL__2PRFIN20030909_225346_000000522019_00416_07985_9403.N1 | 09-SEP-2003 22:53:46 | Bright | 52.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 104 | 7985 | No |
| 392 | GOM_NL__2PRFIN20030909_225651_000000612019_00416_07985_9404.N1 | 09-SEP-2003 22:56:51 | Bright | 61.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 122 | 7985 | No |
| 393 | GOM_NL__2PRFIN20030909_230112_000000562019_00416_07985_9405.N1 | 09-SEP-2003 23:01:12 | Bright | 56.000 | 107 | 37The Aur | 2.6490 | 11000. | 112 | 7985 | No |
| 394 | GOM_NL__2PRFIN20030909_230347_000000462019_00416_07985_9406.N1 | 09-SEP-2003 23:03:47 | Bright | 45.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 91 | 7985 | No |
| 395 | GOM_NL__2PRFIN20030909_230546_000000832019_00416_07985_9407.N1 | 09-SEP-2003 23:05:46 | Twilight | 83.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 166 | 7985 | No |
| 396 | GOM_NL__2PRFIN20030909_230901_000000612019_00416_07985_9408.N1 | 09-SEP-2003 23:09:01 | Twilight | 61.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 122 | 7985 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|------|-----------|---------|--------|-----|------|-----|
| 397 | GOM_NL__2PRFIN20030909_231051_000000572019_00416_07985_9409.N1 | 09-SEP-2003 23:10:51 | Twilight | 57.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 114 | 7985 | No |
| 398 | GOM_NL__2PRFIN20030909_231449_000001012019_00416_07985_9410.N1 | 09-SEP-2003 23:14:49 | Dark | 101.00 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 202 | 7985 | No |
| 399 | GOM_NL__2PRFIN20030909_231912_000000652019_00416_07985_9411.N1 | 09-SEP-2003 23:19:12 | Dark | 65.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 130 | 7985 | No |
| 400 | GOM_NL__2PRFIN20030909_232052_000000462019_00416_07985_9412.N1 | 09-SEP-2003 23:20:52 | Dark | 45.500 | 88 | 31Eta CMa | 2.4480 | 20000. | 91 | 7985 | No |
| 401 | GOM_NL__2PRFIN20030909_232244_000000462019_00416_07985_9413.N1 | 09-SEP-2003 23:22:44 | Dark | 46.000 | 65 | Lam Vel | 2.2040 | 4400.0 | 92 | 7985 | No |
| 402 | GOM_NL__2PRFIN20030909_233804_000000412019_00417_07986_9561.N1 | 09-SEP-2003 23:38:04 | Dark | 40.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 81 | 7986 | No |
| 403 | GOM_NL__2PRFIN20030909_234003_000000472019_00417_07986_9562.N1 | 09-SEP-2003 23:40:03 | Dark | 47.000 | 9 | Alp Eri | 0.45300 | 24000. | 94 | 7986 | No |
| 404 | GOM_NL__2PRFIN20030909_234338_000000462019_00417_07986_9563.N1 | 09-SEP-2003 23:43:38 | Straylight | 46.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 92 | 7986 | No |
| 405 | GOM_NL__2PRFIN20030909_234654_000000522019_00417_07986_9564.N1 | 09-SEP-2003 23:46:54 | Straylight | 51.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 103 | 7986 | No |
| 406 | GOM_NL__2PRFIN20030909_235008_000000392019_00417_07986_9565.N1 | 09-SEP-2003 23:50:08 | Straylight | 39.000 | 172 | Gam Gru | 3.0030 | 13100. | 78 | 7986 | No |
| 407 | GOM_NL__2PRFIN20030909_235126_000000482019_00417_07986_9566.N1 | 09-SEP-2003 23:51:26 | Straylight | 48.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 96 | 7986 | No |
| 408 | GOM_NL__2PRFIN20030909_235540_000000492019_00417_07986_9567.N1 | 09-SEP-2003 23:55:40 | Dark | 48.500 | 1014 | Mars | 0.0000 | 0.0000 | 97 | 7986 | Yes |
| 409 | GOM_NL__2PRFIN20030909_235908_000000412019_00417_07986_9568.N1 | 09-SEP-2003 23:59:08 | Bright | 41.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 82 | 7986 | No |

3. Quality information per product

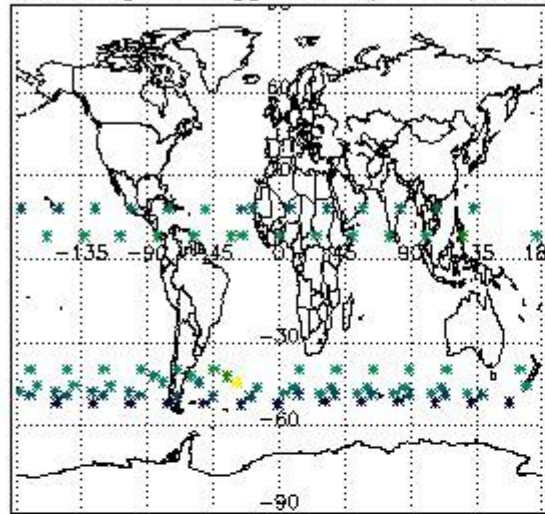
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

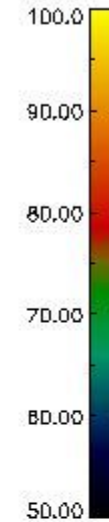
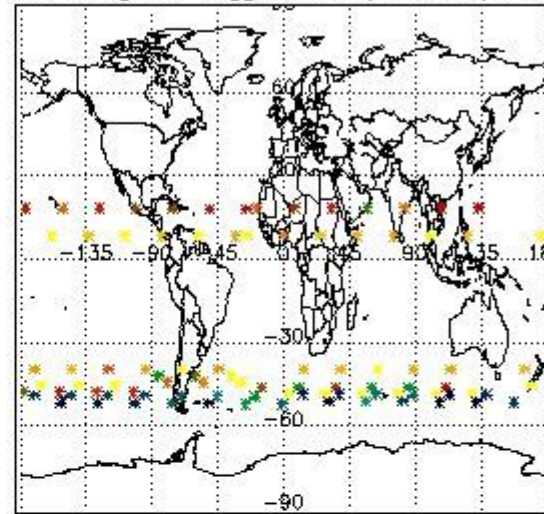


3.2 Plot quality information per product (world map)

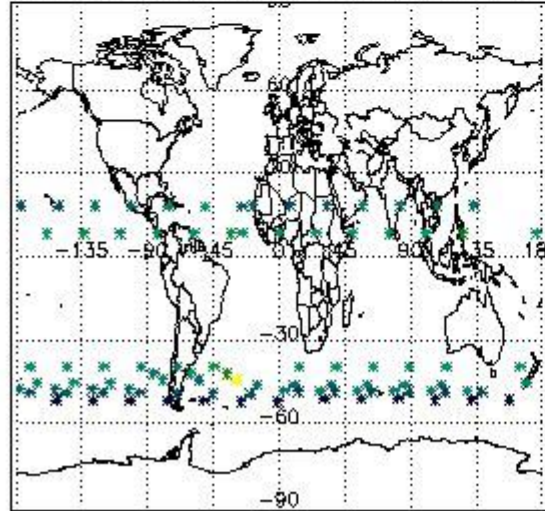
Percentage of flagged data per O3 profile



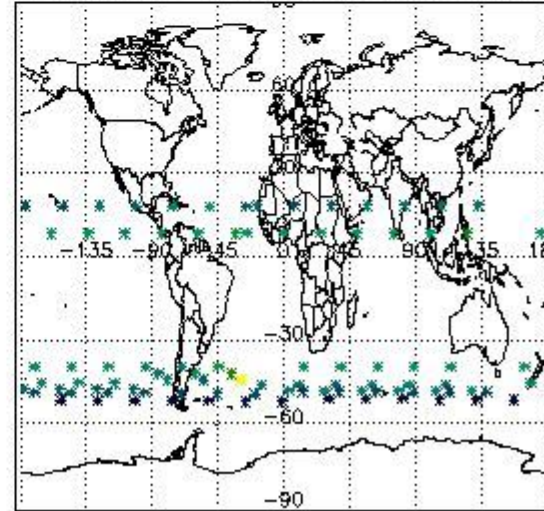
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

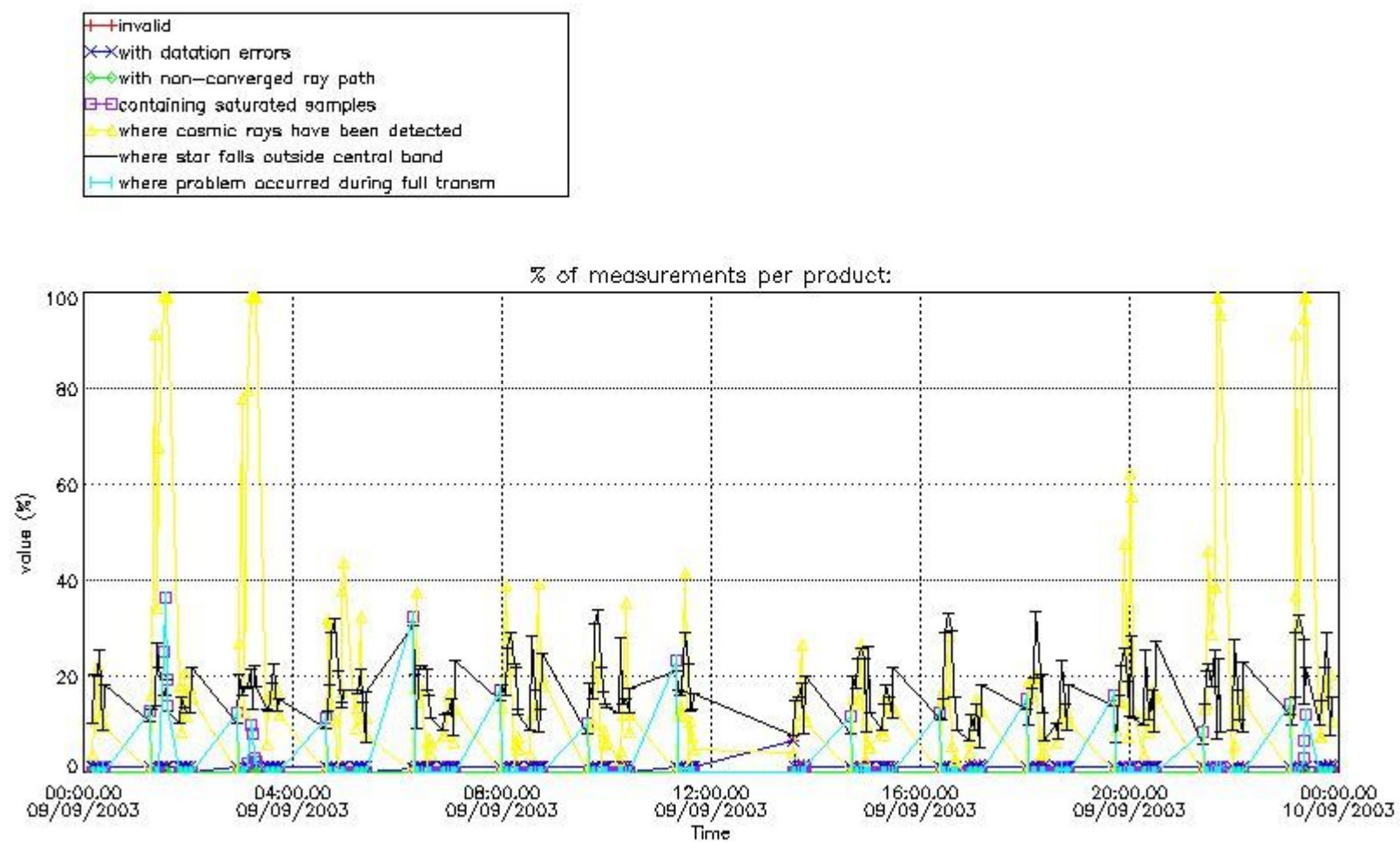


4. Level 1 quality information per product

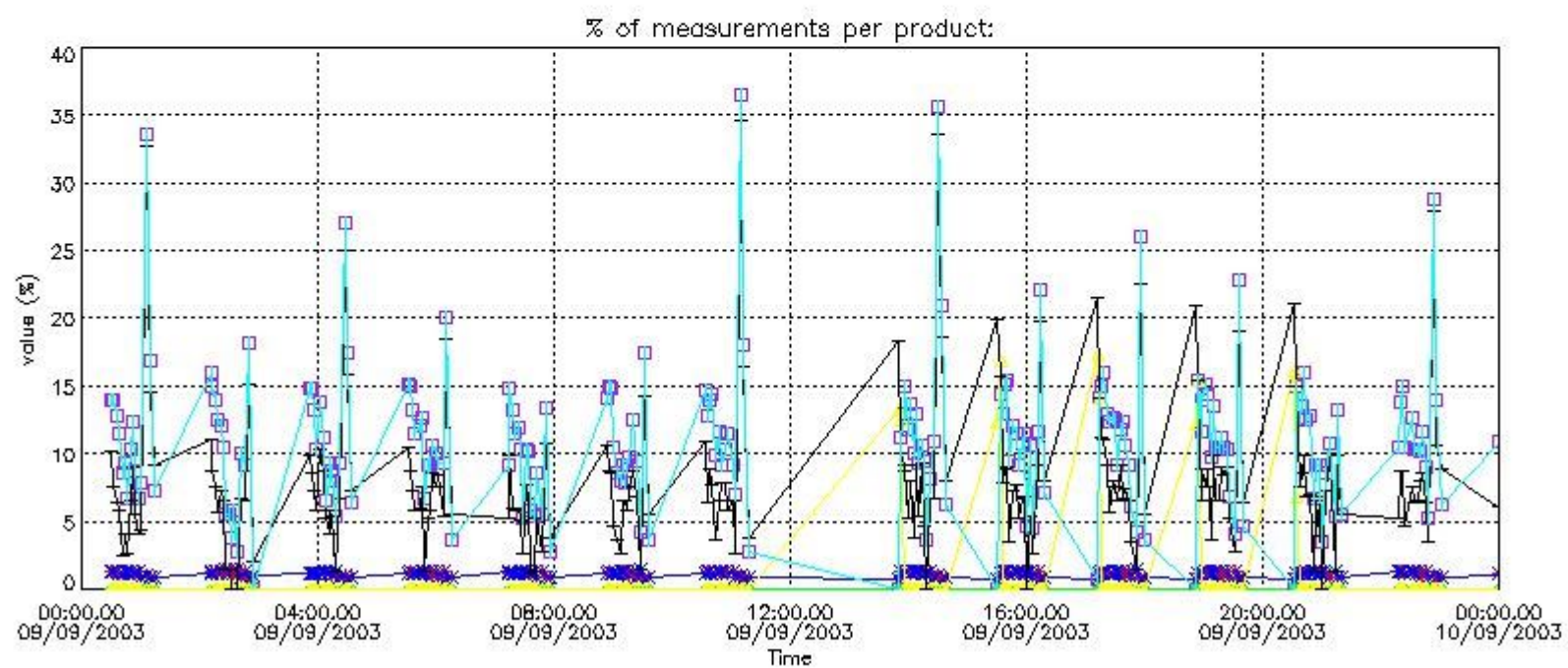
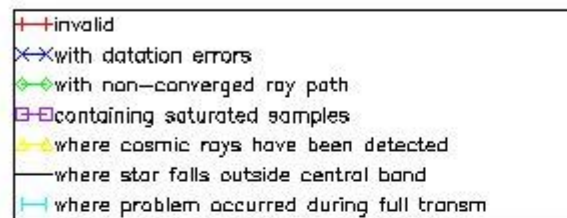
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



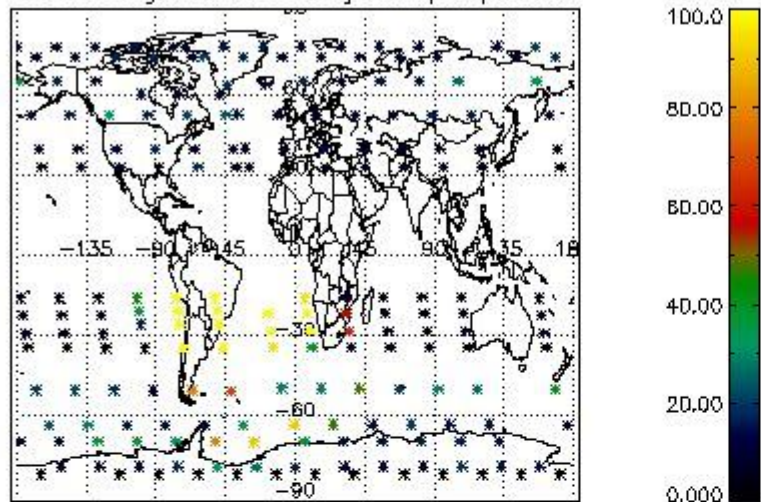
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



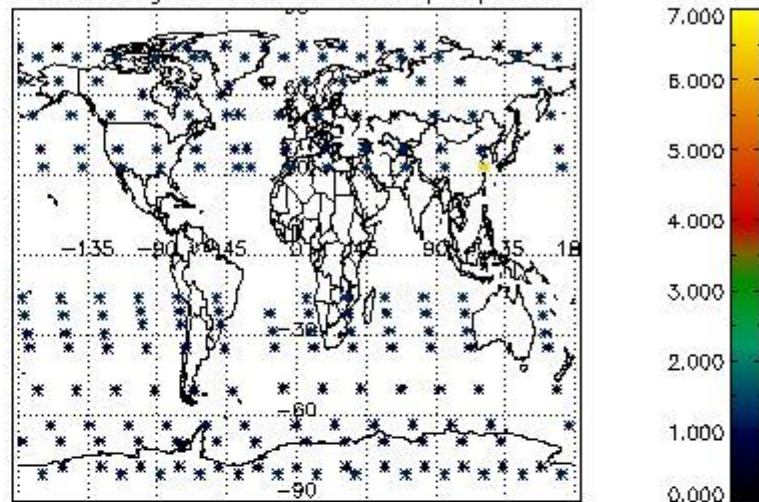
4.2 Plot quality information per product coming from level 1b processing (world map)

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

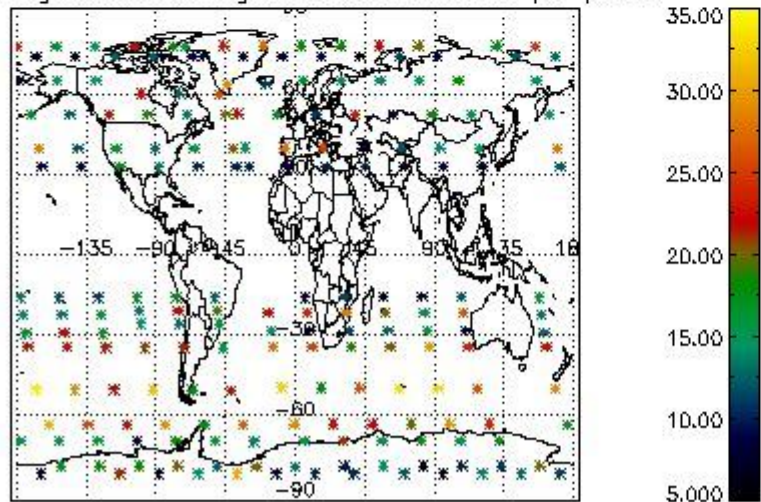
Percentage of cosmic ray hits per profile



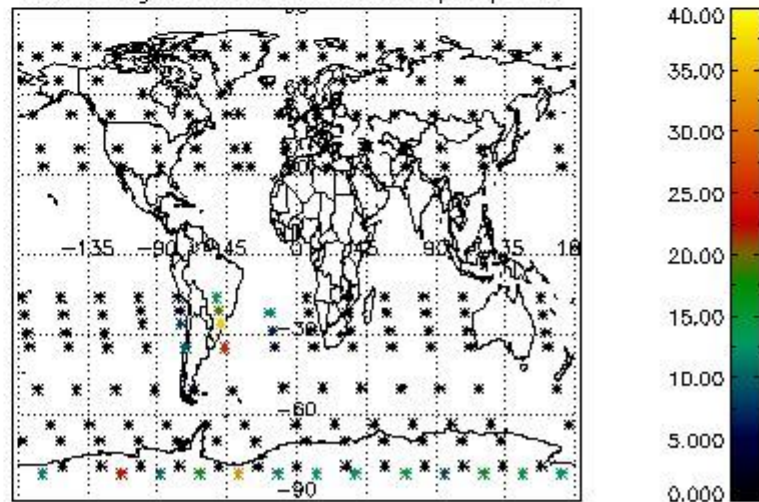
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

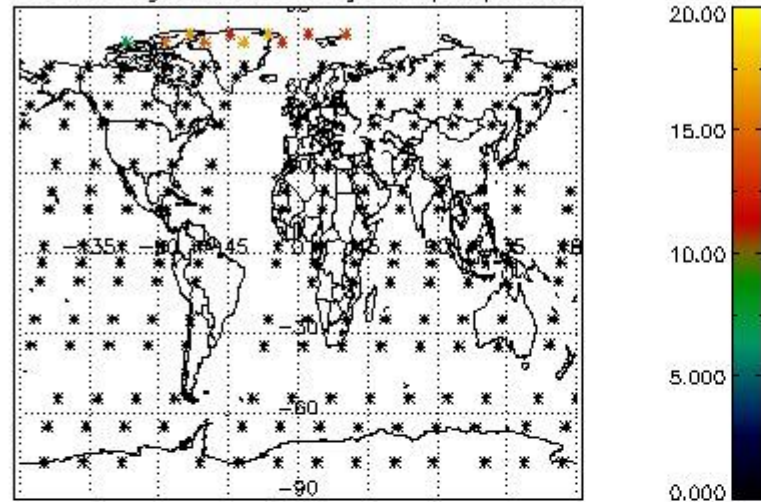


Percentage of saturation errors per profile

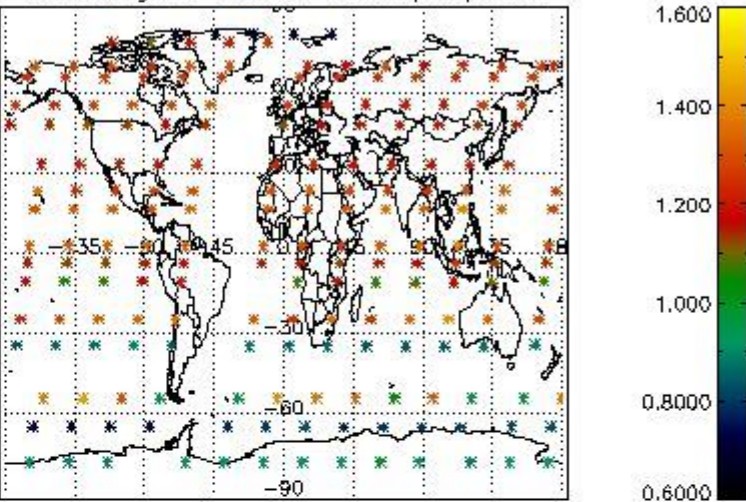


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

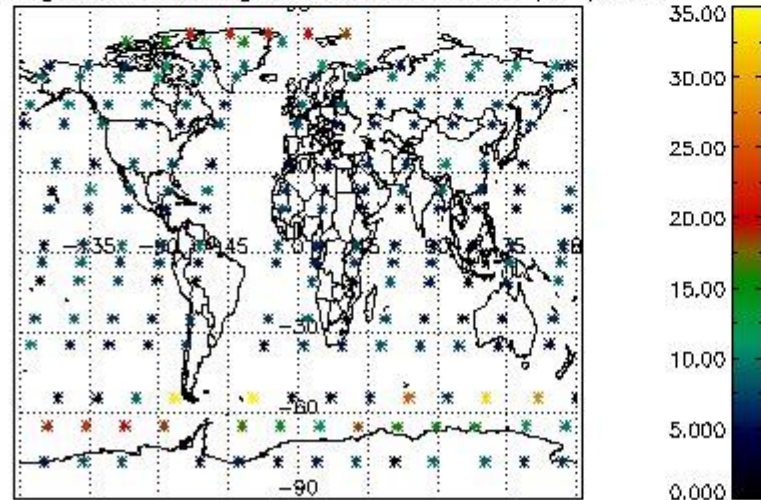
Percentage of cosmic ray hits per profile



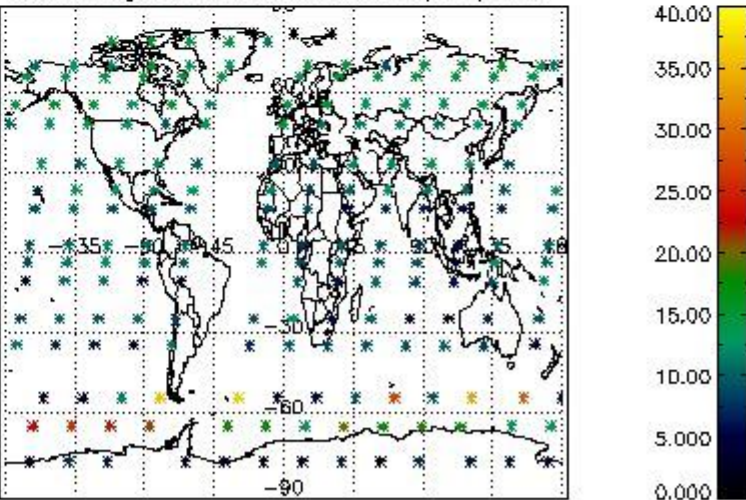
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

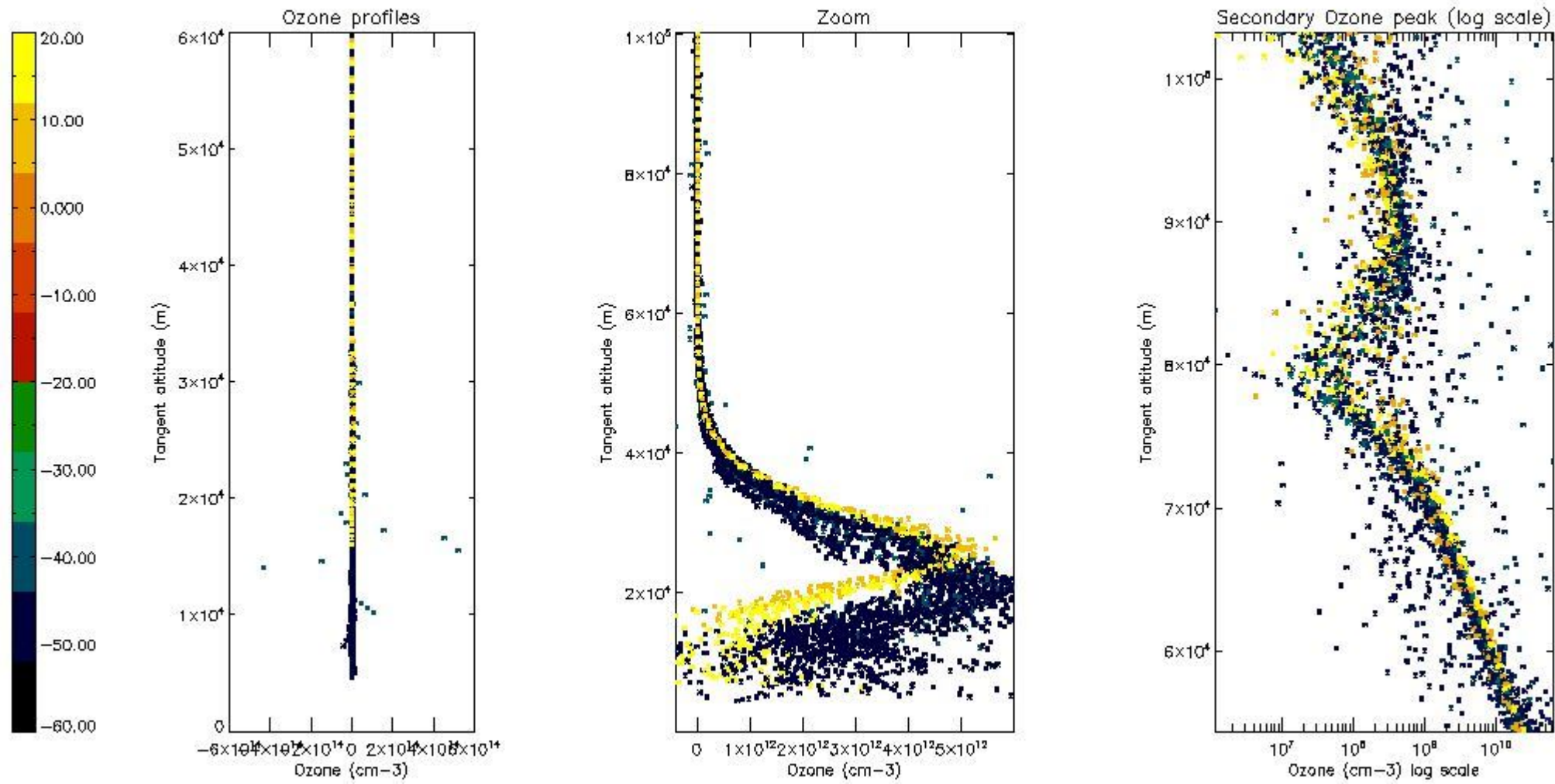
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 25 |
| STD < 20 | 14 |

| | |
|----------|----|
| STD < 10 | 12 |
| STD < 5 | 9 |

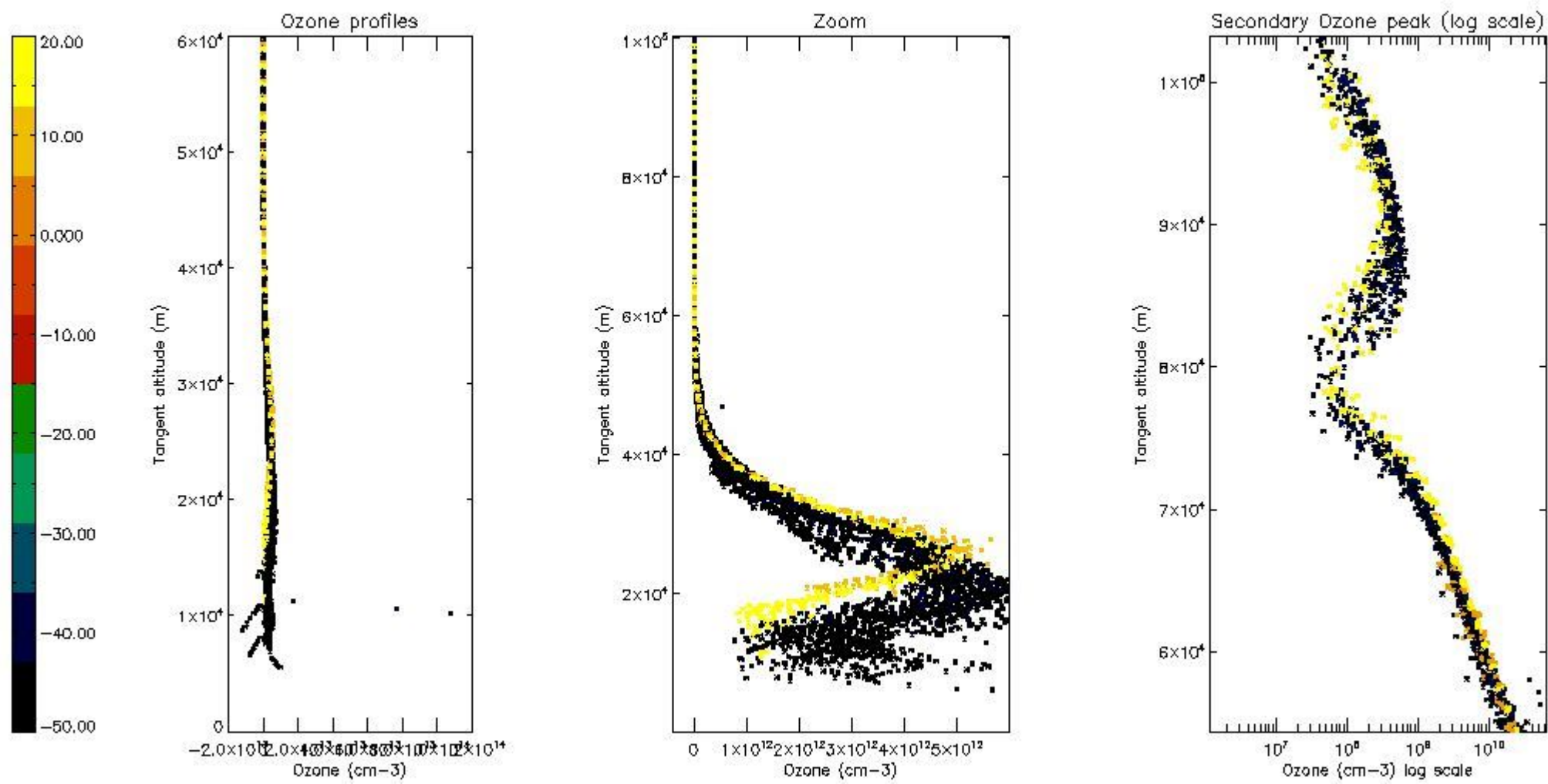
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



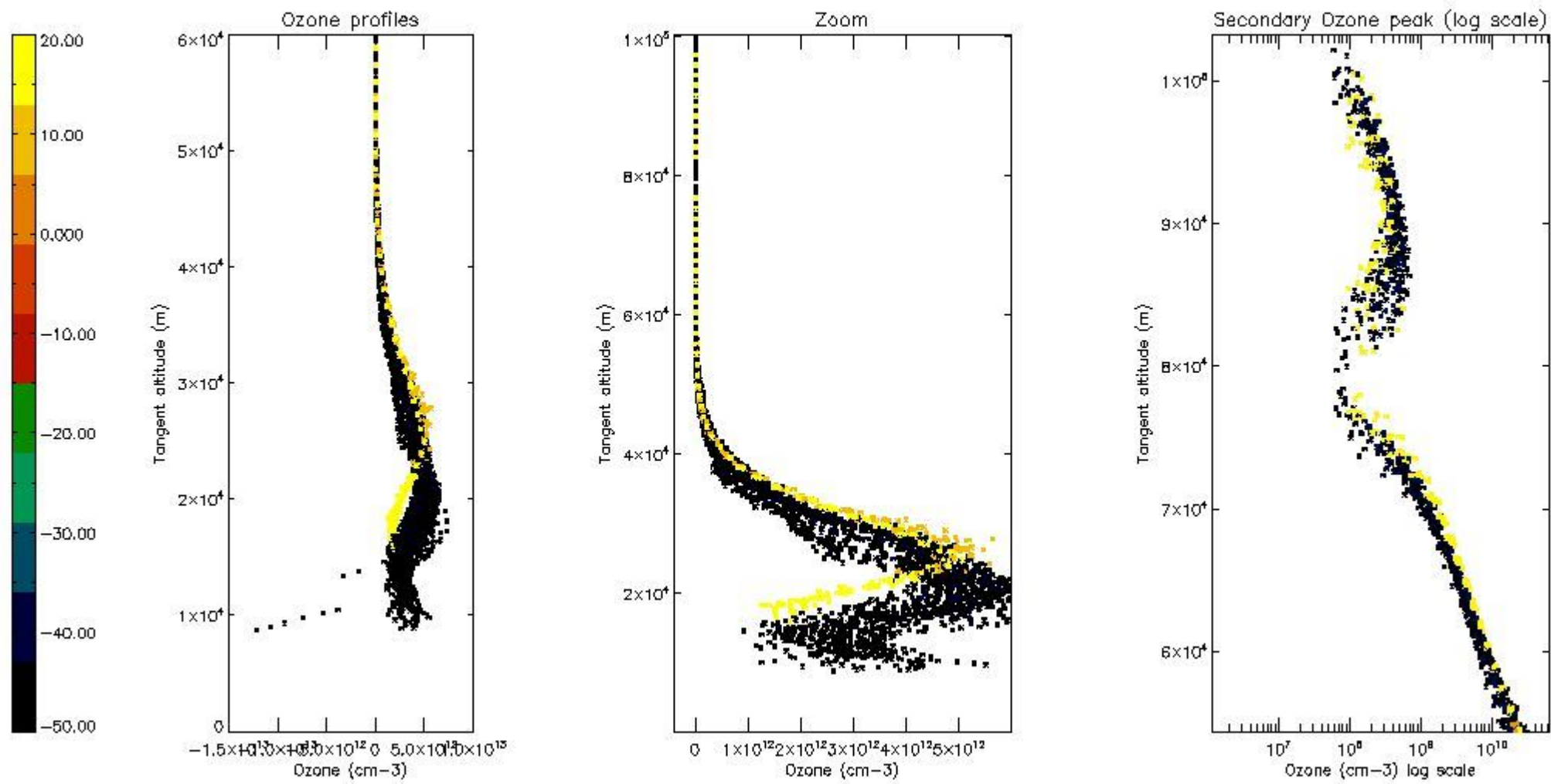
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



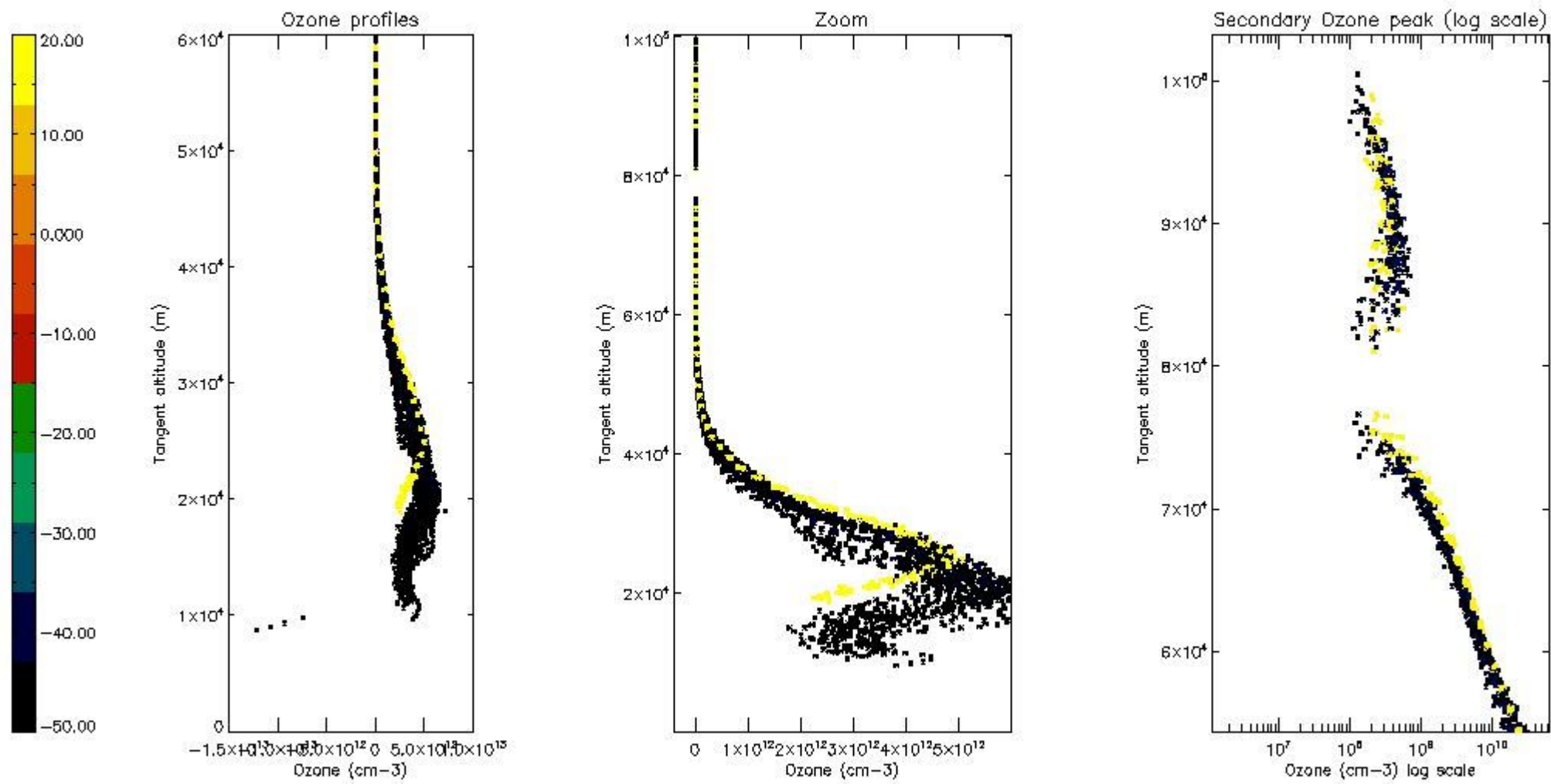
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



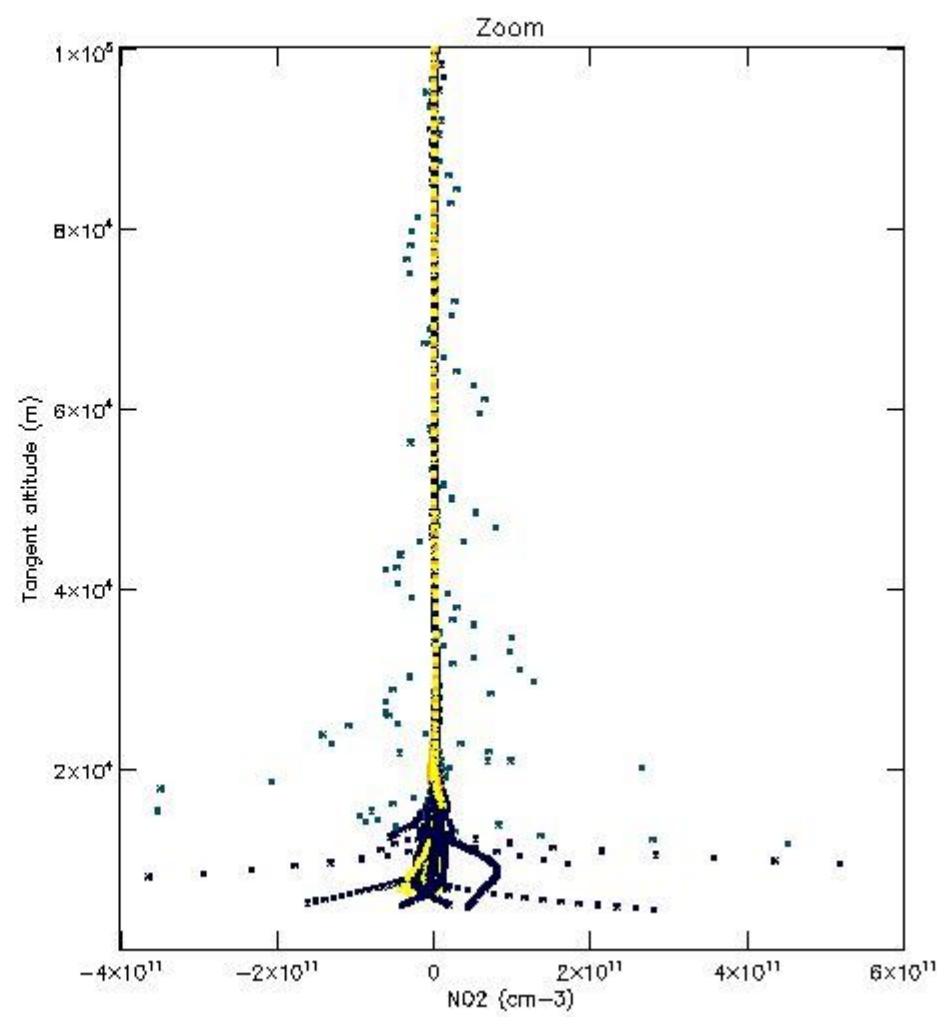
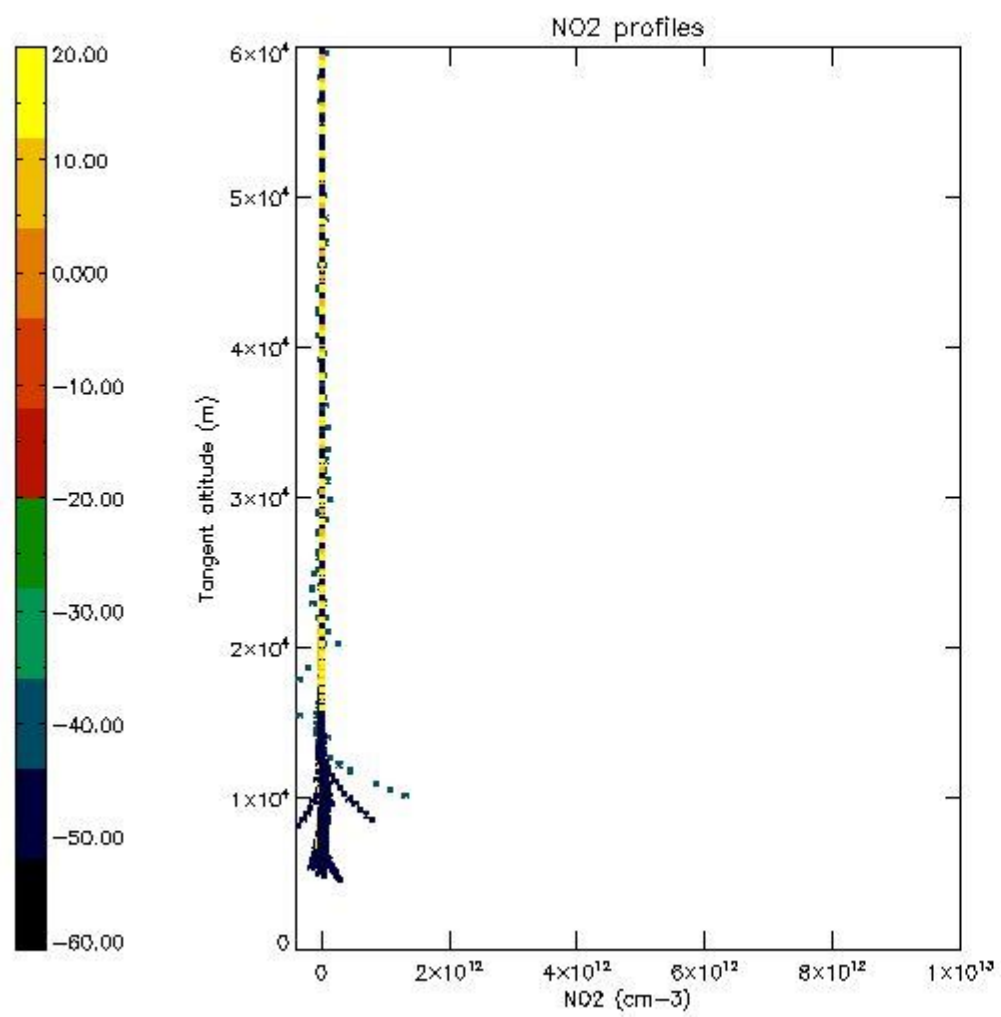
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



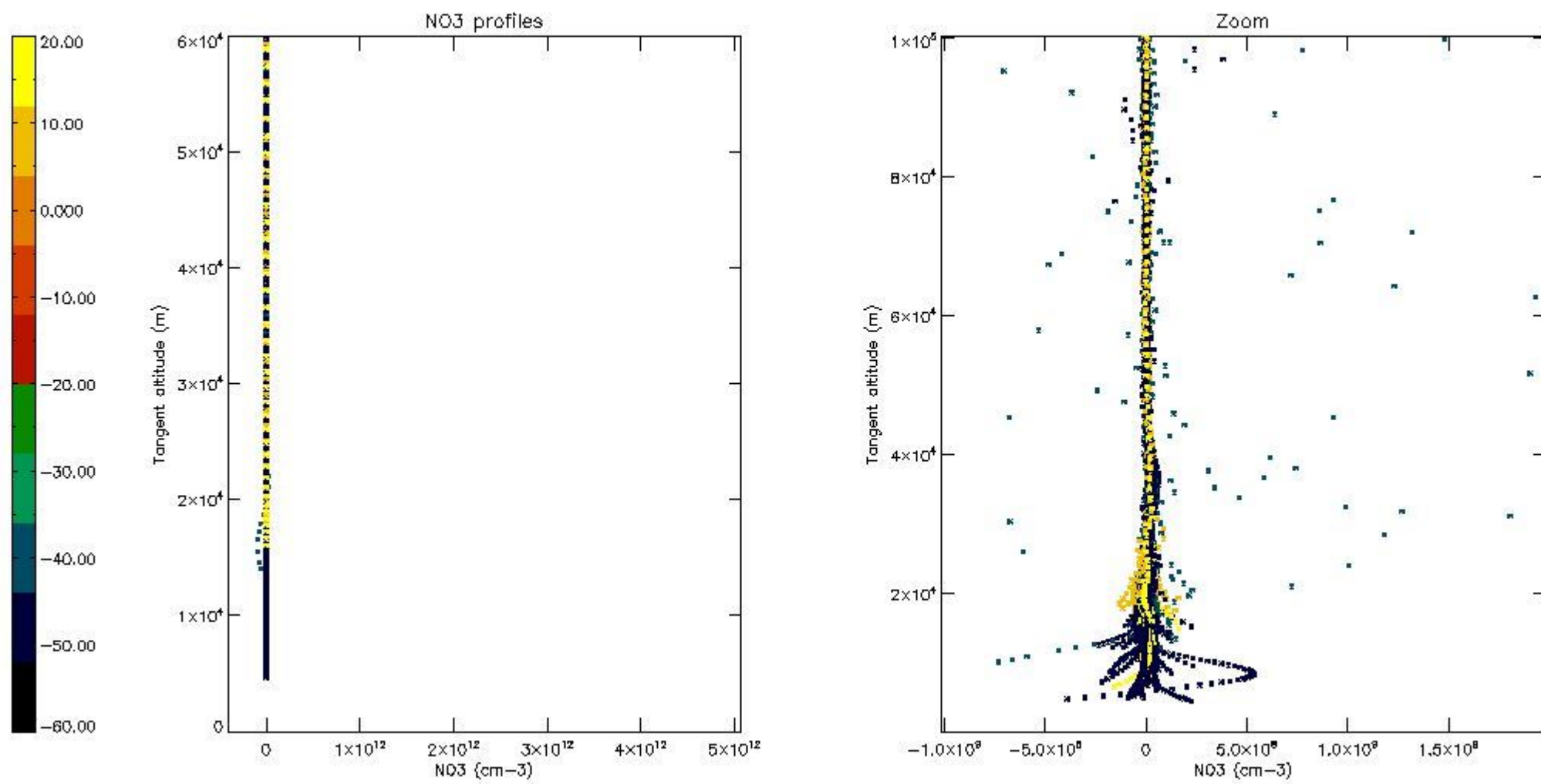
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



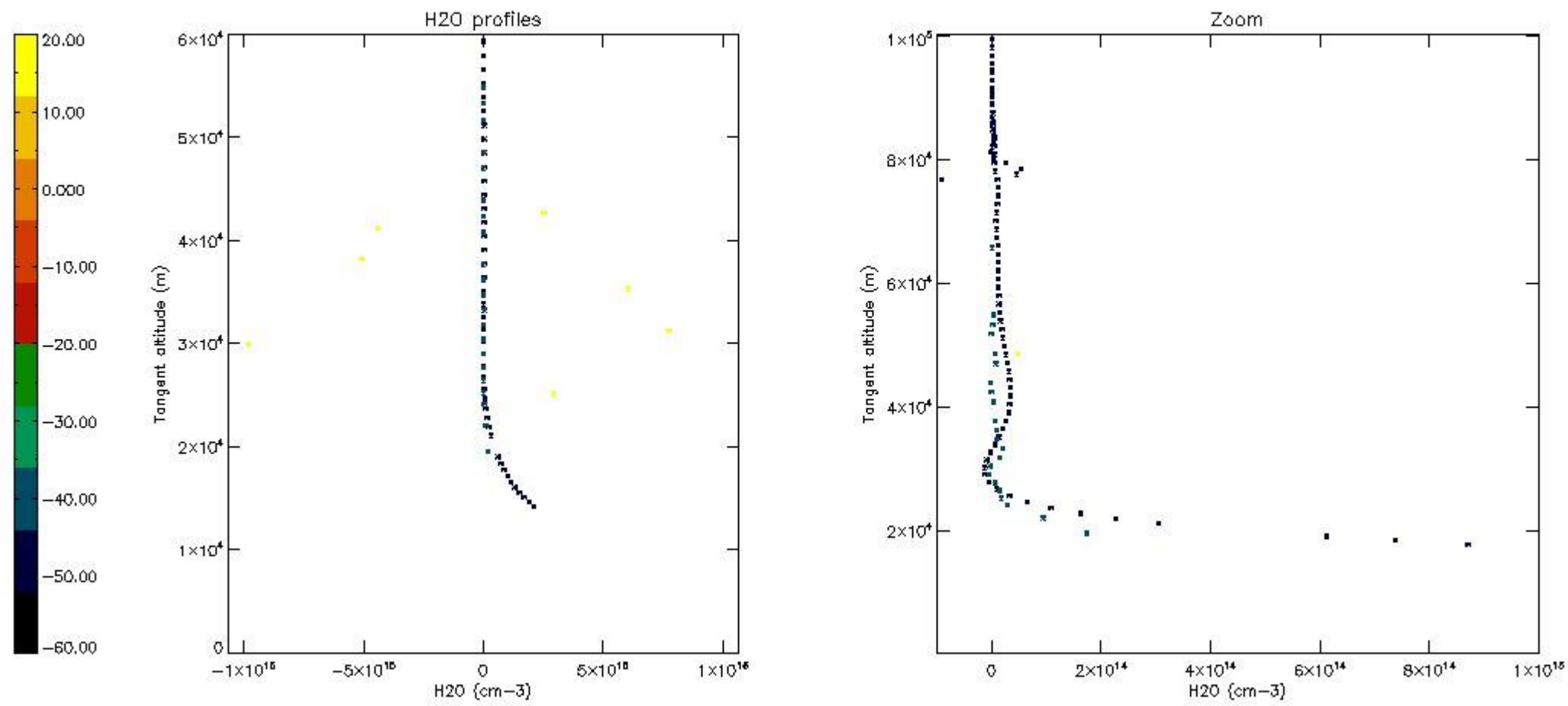
5.7 Plot NO3 profiles for all STD (dark without errors)

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 | 09-SEP-2003 00:09:38 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 09-SEP-2003 00:09:38 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 09-SEP-2003 00:09:38 |

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 19APR2013 19:53:14 |
| Data source version | GOMOS/6.01 |
| Start time of products | 09-09-2003 (09SEP2003 00:00:00) |
| Stop time of products | 10-09-2003 (10SEP2003 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 409 |
| Nb of prods with errors | 5 |

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__2PRFIN20030909_000938_000000402019_00403_07972_9519.N1 | 09-SEP-2003 00:09:38 | Dark | 39.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 79 | 7972 | No |
| 2 | GOM_NL__2PRFIN20030909_001132_000000522019_00403_07972_9520.N1 | 09-SEP-2003 00:11:32 | Dark | 51.500 | 9 | Alp Eri | 0.45300 | 24000. | 103 | 7972 | No |
| 3 | GOM_NL__2PRFIN20030909_001513_000000452019_00403_07972_9521.N1 | 09-SEP-2003 00:15:13 | Straylight | 45.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 90 | 7972 | No |
| 4 | GOM_NL__2PRFIN20030909_001725_000000572019_00403_07972_9522.N1 | 09-SEP-2003 00:17:25 | Straylight | 57.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 114 | 7972 | No |
| 5 | GOM_NL__2PRFIN20030909_002142_000000402019_00403_07972_9523.N1 | 09-SEP-2003 00:21:42 | Straylight | 39.500 | 172 | Gam Gru | 3.0030 | 13100. | 79 | 7972 | No |
| 6 | GOM_NL__2PRFIN20030909_002302_000000472019_00403_07972_9524.N1 | 09-SEP-2003 00:23:02 | Straylight | 47.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 94 | 7972 | No |
| 7 | GOM_NL__2PRFIN20030909_002716_000000512019_00403_07972_9525.N1 | 09-SEP-2003 00:27:16 | Dark | 50.500 | 1014 | Mars | 0.0000 | 0.0000 | 101 | 7972 | Yes |
| 8 | GOM_NL__2PRFIN20030909_003045_000000402019_00403_07972_9526.N1 | 09-SEP-2003 00:30:45 | Bright | 39.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 79 | 7972 | No |
| 9 | GOM_NL__2PRFIN20030909_003203_000000402019_00403_07972_9527.N1 | 09-SEP-2003 00:32:03 | Bright | 39.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 79 | 7972 | No |
| 10 | GOM_NL__2PRFIN20030909_003501_000000392019_00403_07972_9528.N1 | 09-SEP-2003 00:35:01 | Bright | 39.000 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 78 | 7972 | No |
| 11 | GOM_NL__2PRFIN20030909_003711_000000442019_00403_07972_9529.N1 | 09-SEP-2003 00:37:11 | Bright | 43.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 87 | 7972 | No |
| 12 | GOM_NL__2PRFIN20030909_004124_000000412019_00403_07972_9530.N1 | 09-SEP-2003 00:41:24 | Bright | 40.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 81 | 7972 | No |
| 13 | GOM_NL__2PRFIN20030909_004406_000000382019_00403_07972_9531.N1 | 09-SEP-2003 00:44:06 | Bright | 37.500 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 75 | 7972 | No |
| 14 | GOM_NL__2PRFIN20030909_004602_000000382019_00403_07972_9532.N1 | 09-SEP-2003 00:46:02 | Bright | 37.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 75 | 7972 | No |
| 15 | GOM_NL__2PRFIN20030909_004955_000000392019_00403_07972_9533.N1 | 09-SEP-2003 00:49:55 | Bright | 38.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 77 | 7972 | No |
| 16 | GOM_NL__2PRFIN20030909_005146_000000452019_00403_07972_9534.N1 | 09-SEP-2003 00:51:46 | Bright | 44.500 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 89 | 7972 | No |
| 17 | GOM_NL__2PRFIN20030909_005345_000000462019_00403_07972_9535.N1 | 09-SEP-2003 00:53:45 | Bright | 45.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 91 | 7972 | No |
| 18 | GOM_NL__2PRFIN20030909_005738_000000382019_00403_07972_9536.N1 | 09-SEP-2003 00:57:38 | Bright | 37.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 75 | 7972 | No |
| 19 | GOM_NL__2PRFIN20030909_010030_000000572019_00403_07972_9537.N1 | 09-SEP-2003 01:00:30 | Bright | 57.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 114 | 7972 | No |
| 20 | GOM_NL__2PRFIN20030909_010557_000000522019_00403_07972_9538.N1 | 09-SEP-2003 01:05:57 | Bright | 52.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 104 | 7972 | No |
| 21 | GOM_NL__2PRFIN20030909_010909_000000622019_00403_07972_9539.N1 | 09-SEP-2003 01:09:09 | Bright | 62.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 124 | 7972 | No |
| 22 | GOM_NL__2PRFIN20030909_011326_000000552019_00403_07972_9540.N1 | 09-SEP-2003 01:13:26 | Bright | 55.000 | 107 | 37The Aur | 2.6490 | 11000. | 110 | 7972 | No |
| 23 | GOM_NL__2PRFIN20030909_011559_000000432019_00403_07972_9541.N1 | 09-SEP-2003 01:15:59 | Bright | 43.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 86 | 7972 | No |
| 24 | GOM_NL__2PRFIN20030909_011753_000000842019_00403_07972_9542.N1 | 09-SEP-2003 01:17:53 | Twilight | 84.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 168 | 7972 | No |
| 25 | GOM_NL__2PRFIN20030909_012108_000000582019_00403_07972_9543.N1 | 09-SEP-2003 01:21:08 | Twilight | 58.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 116 | 7972 | No |
| 26 | GOM_NL__2PRFIN20030909_012300_000000542019_00403_07972_9544.N1 | 09-SEP-2003 01:23:00 | Twilight | 54.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 108 | 7972 | No |
| 27 | GOM_NL__2PRFIN20030909_012645_000000832019_00403_07972_9545.N1 | 09-SEP-2003 01:26:45 | Dark | 83.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 166 | 7972 | No |
| 28 | GOM_NL__2PRFIN20030909_013115_000000562019_00403_07972_9546.N1 | 09-SEP-2003 01:31:15 | Dark | 56.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 112 | 7972 | No |
| 29 | GOM_NL__2PRFIN20030909_013348_000000502019_00403_07972_9547.N1 | 09-SEP-2003 01:33:48 | Dark | 49.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 99 | 7972 | No |
| 30 | GOM_NL__2PRFIN20030909_013509_000000472019_00403_07972_9548.N1 | 09-SEP-2003 01:35:09 | Dark | 47.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 94 | 7972 | No |
| 31 | GOM_NL__2PRFIN20030909_013634_000000402019_00403_07972_9549.N1 | 09-SEP-2003 01:36:34 | Dark | 39.500 | 34 | Gam2Vel | 1.7930 | 23000. | 79 | 7972 | No |
| 32 | GOM_NL__2PRFIN20030909_015014_000000402019_00404_07973_9208.N1 | 09-SEP-2003 01:50:14 | Dark | 39.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 79 | 7973 | No |
| 33 | GOM_NL__2PRFIN20030909_015209_000000482019_00404_07973_9209.N1 | 09-SEP-2003 01:52:09 | Dark | 47.500 | 9 | Alp Eri | 0.45300 | 24000. | 95 | 7973 | No |
| 34 | GOM_NL__2PRFIN20030909_015549_000000412019_00404_07973_9210.N1 | 09-SEP-2003 01:55:49 | Straylight | 41.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 82 | 7973 | No |
| 35 | GOM_NL__2PRFIN20030909_015802_000000482019_00404_07973_9211.N1 | 09-SEP-2003 01:58:02 | Straylight | 48.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 96 | 7973 | No |
| 36 | GOM_NL__2PRFIN20030909_020219_000000412019_00404_07973_9212.N1 | 09-SEP-2003 02:02:19 | Straylight | 40.500 | 172 | Gam Gru | 3.0030 | 13100. | 81 | 7973 | No |
| 37 | GOM_NL__2PRFIN20030909_020339_000000492019_00404_07973_9213.N1 | 09-SEP-2003 02:03:39 | Straylight | 48.500 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 97 | 7973 | No |
| 38 | GOM_NL__2PRFIN20030909_020752_000000542019_00404_07973_9214.N1 | 09-SEP-2003 02:07:52 | Dark | 54.000 | 1014 | Mars | 0.0000 | 0.0000 | 108 | 7973 | Yes |
| 39 | GOM_NL__2PRFIN20030909_021121_000000412019_00404_07973_9215.N1 | 09-SEP-2003 02:11:21 | Bright | 40.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 81 | 7973 | No |
| 40 | GOM_NL__2PRFIN20030909_021239_000000402019_00404_07973_9216.N1 | 09-SEP-2003 02:12:39 | Bright | 40.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 80 | 7973 | No |
| 41 | GOM_NL__2PRFIN20030909_021537_000000402019_00404_07973_9217.N1 | 09-SEP-2003 02:15:37 | Bright | 39.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 79 | 7973 | No |
| 42 | GOM_NL__2PRFIN20030909_021746_000000442019_00404_07973_9218.N1 | 09-SEP-2003 02:17:46 | Bright | 44.000 | 90 | 54Alp Peg | 2.4870 | 11000. | 88 | 7973 | No |

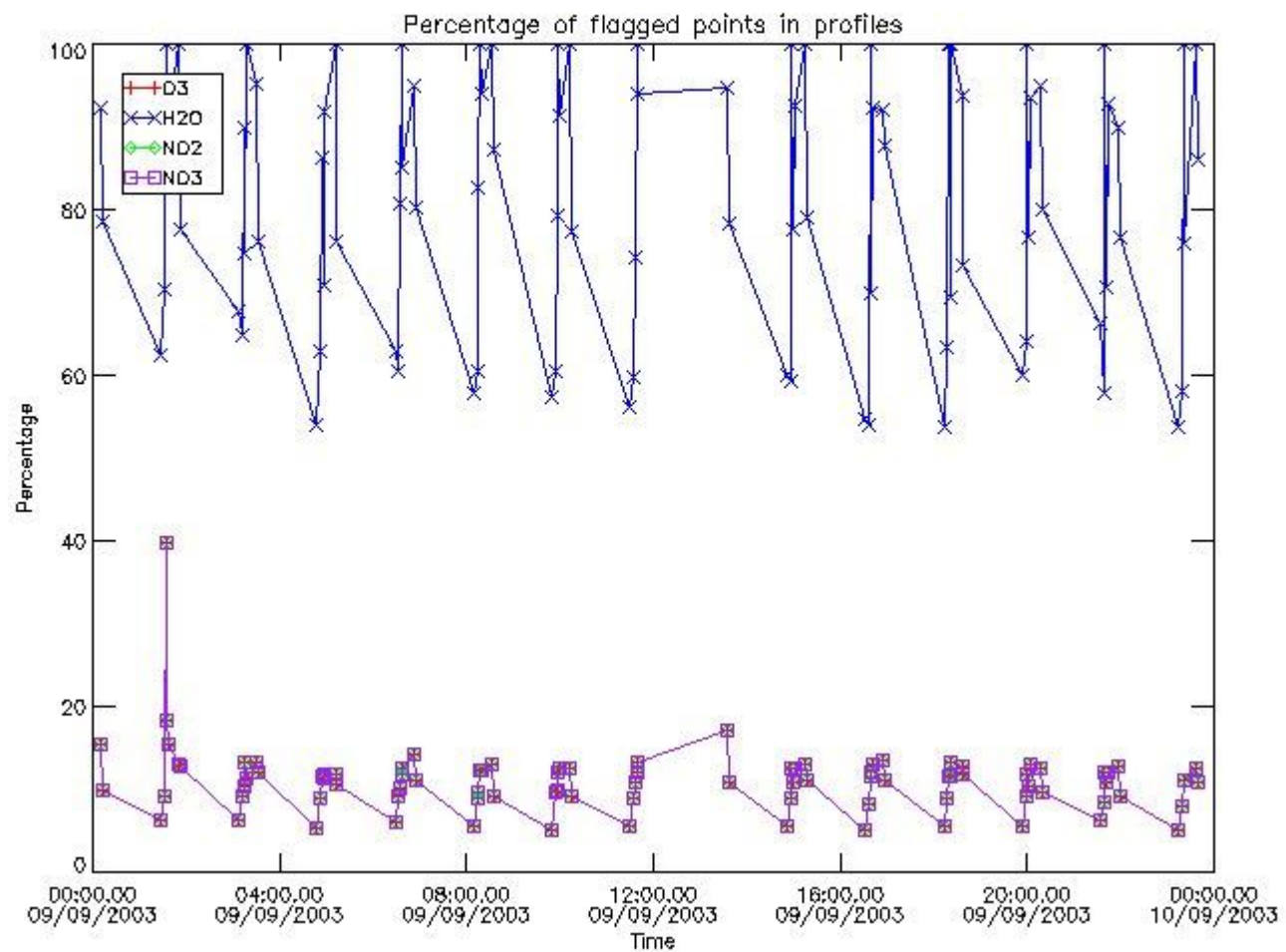
| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|------|-----------|----------|--------|-----|------|-----|
| 43 | GOM_NL__2PRFIN20030909_022200_000000422019_00404_07973_9219.N1 | 09-SEP-2003 02:22:00 | Bright | 41.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 83 | 7973 | No |
| 44 | GOM_NL__2PRFIN20030909_022442_000000382019_00404_07973_9220.N1 | 09-SEP-2003 02:24:42 | Bright | 38.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 76 | 7973 | No |
| 45 | GOM_NL__2PRFIN20030909_022638_000000362019_00404_07973_9221.N1 | 09-SEP-2003 02:26:38 | Bright | 36.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 72 | 7973 | No |
| 46 | GOM_NL__2PRFIN20030909_023030_000000362019_00404_07973_9222.N1 | 09-SEP-2003 02:30:30 | Bright | 36.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 72 | 7973 | No |
| 47 | GOM_NL__2PRFIN20030909_023221_000000402019_00404_07973_9223.N1 | 09-SEP-2003 02:32:21 | Bright | 40.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 80 | 7973 | No |
| 48 | GOM_NL__2PRFIN20030909_023420_000000432019_00404_07973_9224.N1 | 09-SEP-2003 02:34:20 | Bright | 42.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 85 | 7973 | No |
| 49 | GOM_NL__2PRFIN20030909_023814_000000362019_00404_07973_9225.N1 | 09-SEP-2003 02:38:14 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 7973 | No |
| 50 | GOM_NL__2PRFIN20030909_024104_000000602019_00404_07973_9226.N1 | 09-SEP-2003 02:41:04 | Bright | 59.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 119 | 7973 | No |
| 51 | GOM_NL__2PRFIN20030909_024634_000000382019_00404_07973_9227.N1 | 09-SEP-2003 02:46:34 | Bright | 38.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 76 | 7973 | No |
| 52 | GOM_NL__2PRFIN20030909_024944_000000632019_00404_07973_9228.N1 | 09-SEP-2003 02:49:44 | Bright | 63.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 126 | 7973 | No |
| 53 | GOM_NL__2PRFIN20030909_025401_000000512019_00404_07973_9229.N1 | 09-SEP-2003 02:54:01 | Bright | 50.500 | 107 | 37The Aur | 2.6490 | 11000. | 101 | 7973 | No |
| 54 | GOM_NL__2PRFIN20030909_025634_000000452019_00404_07973_9230.N1 | 09-SEP-2003 02:56:34 | Bright | 44.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 89 | 7973 | No |
| 55 | GOM_NL__2PRFIN20030909_025830_000000922019_00404_07973_9231.N1 | 09-SEP-2003 02:58:30 | Twilight | 91.500 | 28 | 12Bet Tau | 1.6500 | 15200. | 183 | 7973 | No |
| 56 | GOM_NL__2PRFIN20030909_030144_000000592019_00404_07973_9232.N1 | 09-SEP-2003 03:01:44 | Twilight | 59.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 118 | 7973 | No |
| 57 | GOM_NL__2PRFIN20030909_030336_000000492019_00404_07973_9233.N1 | 09-SEP-2003 03:03:36 | Twilight | 48.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 97 | 7973 | No |
| 58 | GOM_NL__2PRFIN20030909_030722_000000812019_00404_07973_9234.N1 | 09-SEP-2003 03:07:22 | Dark | 81.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 162 | 7973 | No |
| 59 | GOM_NL__2PRFIN20030909_031154_000000562019_00404_07973_9235.N1 | 09-SEP-2003 03:11:54 | Dark | 56.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 112 | 7973 | No |
| 60 | GOM_NL__2PRFIN20030909_031423_000000502019_00404_07973_9236.N1 | 09-SEP-2003 03:14:23 | Dark | 49.500 | 23 | 21Eps CMa | 1.5020 | 26000. | 99 | 7973 | No |
| 61 | GOM_NL__2PRFIN20030909_031545_000000502019_00404_07973_9237.N1 | 09-SEP-2003 03:15:45 | Dark | 50.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 100 | 7973 | No |
| 62 | GOM_NL__2PRFIN20030909_031709_000000452019_00404_07973_9238.N1 | 09-SEP-2003 03:17:09 | Dark | 45.000 | 34 | Gam2Vel | 1.7930 | 23000. | 90 | 7973 | No |
| 63 | GOM_NL__2PRFIN20030909_033049_000000422019_00405_07974_9391.N1 | 09-SEP-2003 03:30:49 | Dark | 42.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 84 | 7974 | No |
| 64 | GOM_NL__2PRFIN20030909_033245_000000472019_00405_07974_9392.N1 | 09-SEP-2003 03:32:45 | Dark | 46.500 | 9 | Alp Eri | 0.45300 | 24000. | 93 | 7974 | No |
| 65 | GOM_NL__2PRFIN20030909_033624_000000462019_00405_07974_9393.N1 | 09-SEP-2003 03:36:24 | Straylight | 45.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 91 | 7974 | No |
| 66 | GOM_NL__2PRFIN20030909_033838_000000542019_00405_07974_9394.N1 | 09-SEP-2003 03:38:38 | Straylight | 53.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 107 | 7974 | No |
| 67 | GOM_NL__2PRFIN20030909_034252_000000442019_00405_07974_9395.N1 | 09-SEP-2003 03:42:52 | Straylight | 43.500 | 172 | Gam Gru | 3.0030 | 13100. | 87 | 7974 | No |
| 68 | GOM_NL__2PRFIN20030909_034414_000000462019_00405_07974_9396.N1 | 09-SEP-2003 03:44:14 | Straylight | 45.500 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 91 | 7974 | No |
| 69 | GOM_NL__2PRFIN20030909_034827_000000542019_00405_07974_9397.N1 | 09-SEP-2003 03:48:27 | Dark | 54.000 | 1014 | Mars | 0.0000 | 0.0000 | 108 | 7974 | Yes |
| 70 | GOM_NL__2PRFIN20030909_035157_000000412019_00405_07974_9398.N1 | 09-SEP-2003 03:51:57 | Bright | 40.500 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 81 | 7974 | No |
| 71 | GOM_NL__2PRFIN20030909_035314_000000412019_00405_07974_9399.N1 | 09-SEP-2003 03:53:14 | Bright | 40.500 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 81 | 7974 | No |
| 72 | GOM_NL__2PRFIN20030909_035611_000000422019_00405_07974_9400.N1 | 09-SEP-2003 03:56:11 | Bright | 41.500 | 61 | 8Eps Peg | 2.1000 | 3900.0 | 83 | 7974 | No |
| 73 | GOM_NL__2PRFIN20030909_035822_000000442019_00405_07974_9401.N1 | 09-SEP-2003 03:58:22 | Bright | 43.500 | 90 | 54Alp Peg | 2.4870 | 11000. | 87 | 7974 | No |
| 74 | GOM_NL__2PRFIN20030909_040235_000000442019_00405_07974_9402.N1 | 09-SEP-2003 04:02:35 | Bright | 43.500 | 164 | 44Eta Peg | 2.9480 | 5400.0 | 87 | 7974 | No |
| 75 | GOM_NL__2PRFIN20030909_040517_000000402019_00405_07974_9403.N1 | 09-SEP-2003 04:05:17 | Bright | 40.000 | 66 | 37Gam Cyg | 2.2080 | 5900.0 | 80 | 7974 | No |
| 76 | GOM_NL__2PRFIN20030909_040715_000000382019_00405_07974_9404.N1 | 09-SEP-2003 04:07:15 | Bright | 38.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 76 | 7974 | No |
| 77 | GOM_NL__2PRFIN20030909_041106_000000382019_00405_07974_9405.N1 | 09-SEP-2003 04:11:06 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 7974 | No |
| 78 | GOM_NL__2PRFIN20030909_041257_000000432019_00405_07974_9406.N1 | 09-SEP-2003 04:12:57 | Bright | 43.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 86 | 7974 | No |
| 79 | GOM_NL__2PRFIN20030909_041455_000000462019_00405_07974_9407.N1 | 09-SEP-2003 04:14:55 | Bright | 46.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 92 | 7974 | No |
| 80 | GOM_NL__2PRFIN20030909_041849_000000382019_00405_07974_9408.N1 | 09-SEP-2003 04:18:49 | Bright | 37.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 75 | 7974 | No |
| 81 | GOM_NL__2PRFIN20030909_042139_000000602019_00405_07974_9409.N1 | 09-SEP-2003 04:21:39 | Bright | 59.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 119 | 7974 | No |
| 82 | GOM_NL__2PRFIN20030909_042709_000000482019_00405_07974_9410.N1 | 09-SEP-2003 04:27:09 | Bright | 48.000 | 82 | 48Bet UMa | 2.3650 | 10600. | 96 | 7974 | No |
| 83 | GOM_NL__2PRFIN20030909_043020_000000632019_00405_07974_9411.N1 | 09-SEP-2003 04:30:20 | Bright | 63.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 126 | 7974 | No |
| 84 | GOM_NL__2PRFIN20030909_043437_000000552019_00405_07974_9412.N1 | 09-SEP-2003 04:34:37 | Bright | 55.000 | 107 | 37The Aur | 2.6490 | 11000. | 110 | 7974 | No |
| 85 | GOM_NL__2PRFIN20030909_043711_000000442019_00405_07974_9413.N1 | 09-SEP-2003 04:37:11 | Bright | 44.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 88 | 7974 | No |
| 86 | GOM_NL__2PRFIN20030909_043906_000000832019_00405_07974_9414.N1 | 09-SEP-2003 04:39:06 | Twilight | 83.000 | 28 | 12Bet Tau | 1.6500 | 15200. | 166 | 7974 | No |
| 87 | GOM_NL__2PRFIN20030909_044221_000000612019_00405_07974_9415.N1 | 09-SEP-2003 04:42:21 | Twilight | 60.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 121 | 7974 | No |
| 88 | GOM_NL__2PRFIN20030909_044412_000000572019_00405_07974_9416.N1 | 09-SEP-2003 04:44:12 | Twilight | 56.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 113 | 7974 | No |
| 89 | GOM_NL__2PRFIN20030909_044759_000000972019_00405_07974_9417.N1 | 09-SEP-2003 04:47:59 | Dark | 97.000 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 194 | 7974 | No |
| 90 | GOM_NL__2PRFIN20030909_045230_000000572019_00405_07974_9418.N1 | 09-SEP-2003 04:52:30 | Dark | 57.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 114 | 7974 | No |
| 91 | GOM_NL__2PRFIN20030909_045502_000000482019_00405_07974_9419.N1 | 09-SEP-2003 04:55:02 | Dark | 48.000 | 23 | 21Eps CMa | 1.5020 | 26000. | 96 | 7974 | No |
| 92 | GOM_NL__2PRFIN20030909_045621_000000452019_00405_07974_9420.N1 | 09-SEP-2003 04:56:21 | Dark | 45.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 90 | 7974 | No |
| 93 | GOM_NL__2PRFIN20030909_045746_000000442019_00405_07974_9421.N1 | 09-SEP-2003 04:57:46 | Dark | 43.500 | 34 | Gam2Vel | 1.7930 | 23000. | 87 | 7974 | No |
| 94 | GOM_NL__2PRFIN20030909_051126_000000442019_00406_07975_9392.N1 | 09-SEP-2003 05:11:26 | Dark | 43.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 87 | 7975 | No |
| 95 | GOM_NL__2PRFIN20030909_051322_000000492019_00406_07975_9393.N1 | 09-SEP-2003 05:13:22 | Dark | 48.500 | 9 | Alp Eri | 0.45300 | 24000. | 97 | 7975 | No |
| 96 | GOM_NL__2PRFIN20030909_051701_000000472019_00406_07975_9394.N1 | 09-SEP-2003 05:17:01 | Straylight | 46.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 93 | 7975 | No |
| 97 | GOM_NL__2PRFIN20030909_052040_000000452019_00406_07975_9395.N1 | 09-SEP-2003 05:20:40 | Straylight | 45.000 | 31 | Alp Gru | 1.7340 | 15200. | 90 | 7975 | No |
| 98 | GOM_NL__2PRFIN20030909_052330_000000402019_00406_07975_9396.N1 | 09-SEP-2003 05:23:30 | Straylight | 39.500 | 172 | Gam Gru | 3.0030 | 13100. | 79 | 7975 | No |
| 99 | GOM_NL__2PRFIN20030909_052451_000000452019_00406_07975_9397.N1 | 09-SEP-2003 05:24:51 | Straylight | 45.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 90 | 7975 | No |
| 100 | GOM_NL__2PRFIN20030909_053231_000000432019_00406_07975_9398.N1 | 09-SEP-2003 05:32:31 | Bright | 43.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 86 | 7975 | No |
| 101 | GOM_NL__2PRFIN20030909_053351_000000402019_00406_07975_9399.N1 | 09-SEP-2003 05:33:51 | Bright | 40.000 | 162 | 34Alp Aqr | 2.9440 | 5350.0 | 80 | 7975 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|------|-----------|---------|--------|-----|------|-----|
| 397 | GOM_NL__2PRFIN20030909_231051_000000572019_00416_07985_9409.N1 | 09-SEP-2003 23:10:51 | Twilight | 57.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 114 | 7985 | No |
| 398 | GOM_NL__2PRFIN20030909_231449_000001012019_00416_07985_9410.N1 | 09-SEP-2003 23:14:49 | Dark | 101.00 | 14 | 58Alp Ori | 0.87000 | 3000.0 | 202 | 7985 | No |
| 399 | GOM_NL__2PRFIN20030909_231912_000000652019_00416_07985_9411.N1 | 09-SEP-2003 23:19:12 | Dark | 65.000 | 1 | 9Alp CMa | -1.4400 | 11000. | 130 | 7985 | No |
| 400 | GOM_NL__2PRFIN20030909_232052_000000462019_00416_07985_9412.N1 | 09-SEP-2003 23:20:52 | Dark | 45.500 | 88 | 31Eta CMa | 2.4480 | 20000. | 91 | 7985 | No |
| 401 | GOM_NL__2PRFIN20030909_232244_000000462019_00416_07985_9413.N1 | 09-SEP-2003 23:22:44 | Dark | 46.000 | 65 | Lam Vel | 2.2040 | 4400.0 | 92 | 7985 | No |
| 402 | GOM_NL__2PRFIN20030909_233804_000000412019_00417_07986_9561.N1 | 09-SEP-2003 23:38:04 | Dark | 40.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 81 | 7986 | No |
| 403 | GOM_NL__2PRFIN20030909_234003_000000472019_00417_07986_9562.N1 | 09-SEP-2003 23:40:03 | Dark | 47.000 | 9 | Alp Eri | 0.45300 | 24000. | 94 | 7986 | No |
| 404 | GOM_NL__2PRFIN20030909_234338_000000462019_00417_07986_9563.N1 | 09-SEP-2003 23:43:38 | Straylight | 46.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 92 | 7986 | No |
| 405 | GOM_NL__2PRFIN20030909_234654_000000522019_00417_07986_9564.N1 | 09-SEP-2003 23:46:54 | Straylight | 51.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 103 | 7986 | No |
| 406 | GOM_NL__2PRFIN20030909_235008_000000392019_00417_07986_9565.N1 | 09-SEP-2003 23:50:08 | Straylight | 39.000 | 172 | Gam Gru | 3.0030 | 13100. | 78 | 7986 | No |
| 407 | GOM_NL__2PRFIN20030909_235126_000000482019_00417_07986_9566.N1 | 09-SEP-2003 23:51:26 | Straylight | 48.000 | 18 | 24Alp PsA | 1.1660 | 9700.0 | 96 | 7986 | No |
| 408 | GOM_NL__2PRFIN20030909_235540_000000492019_00417_07986_9567.N1 | 09-SEP-2003 23:55:40 | Dark | 48.500 | 1014 | Mars | 0.0000 | 0.0000 | 97 | 7986 | Yes |
| 409 | GOM_NL__2PRFIN20030909_235908_000000412019_00417_07986_9568.N1 | 09-SEP-2003 23:59:08 | Bright | 41.000 | 154 | 22Bet Aqr | 2.8990 | 5700.0 | 82 | 7986 | No |

3. Quality information per product

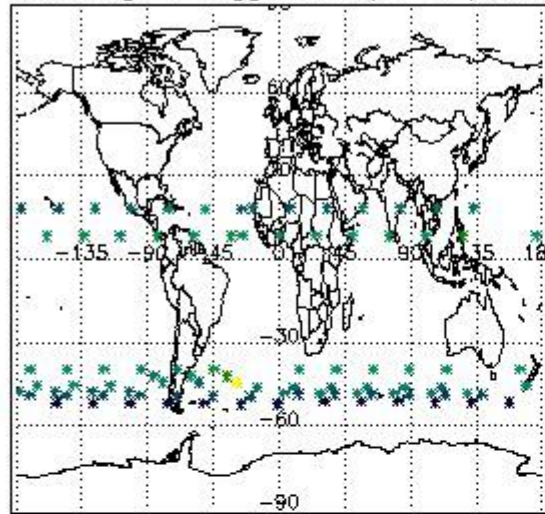
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

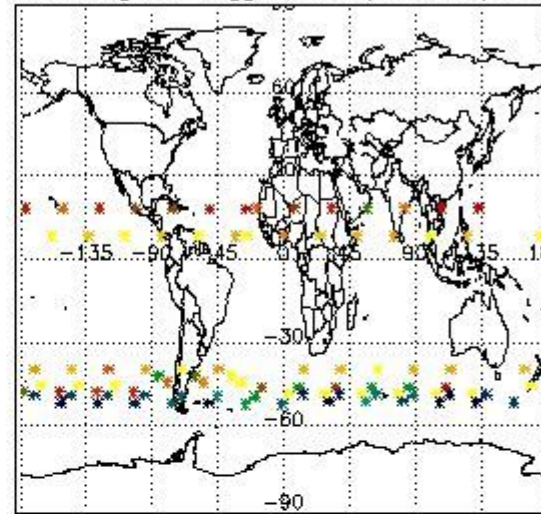


3.2 Plot quality information per product (world map)

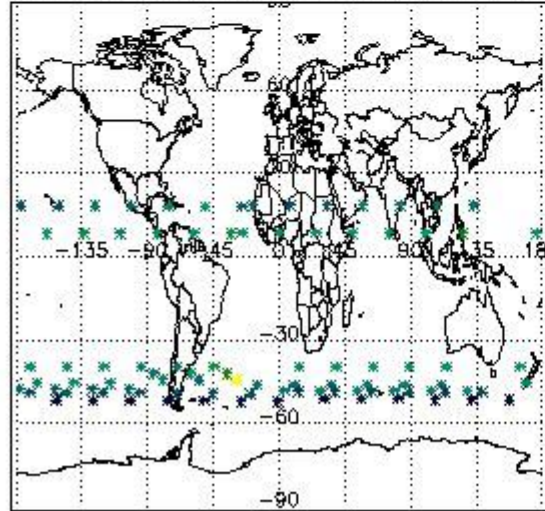
Percentage of flagged data per O3 profile



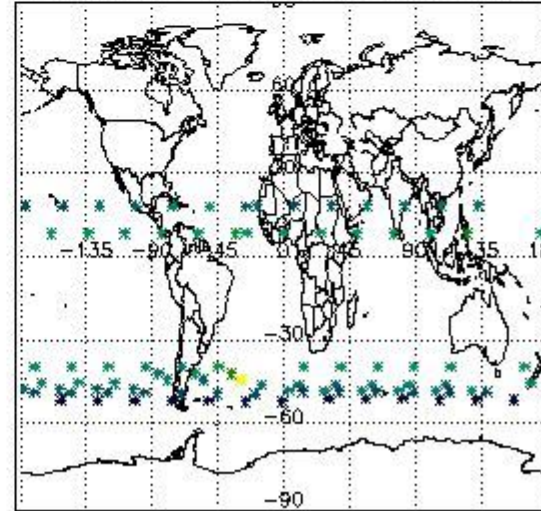
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

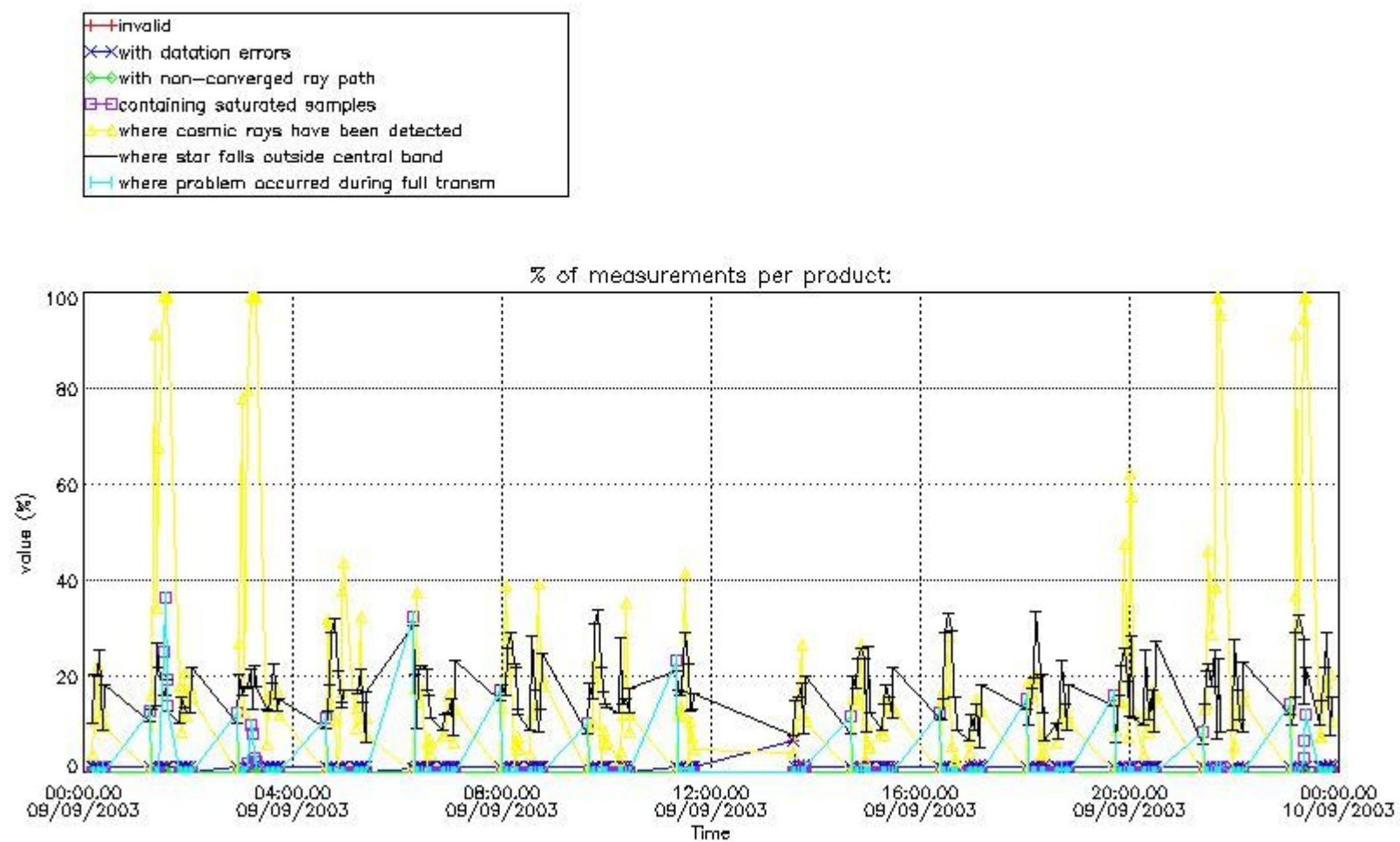


4. Level 1 quality information per product

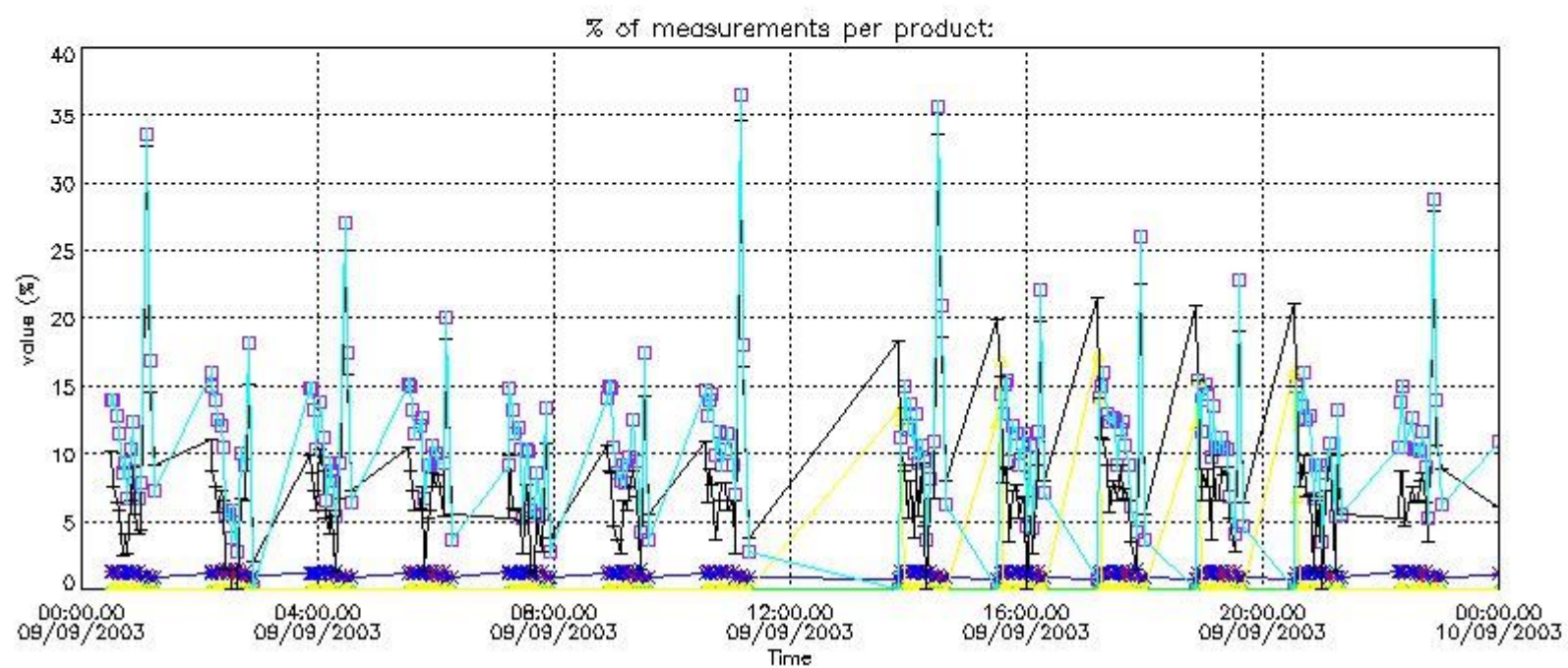
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

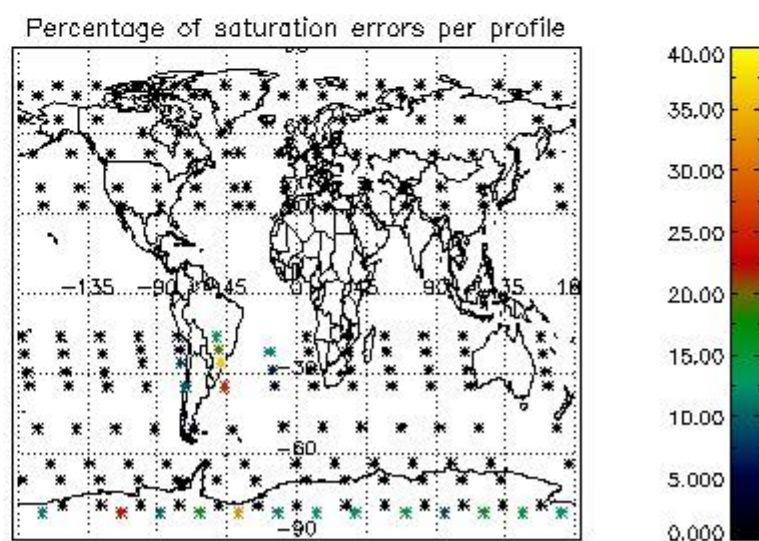
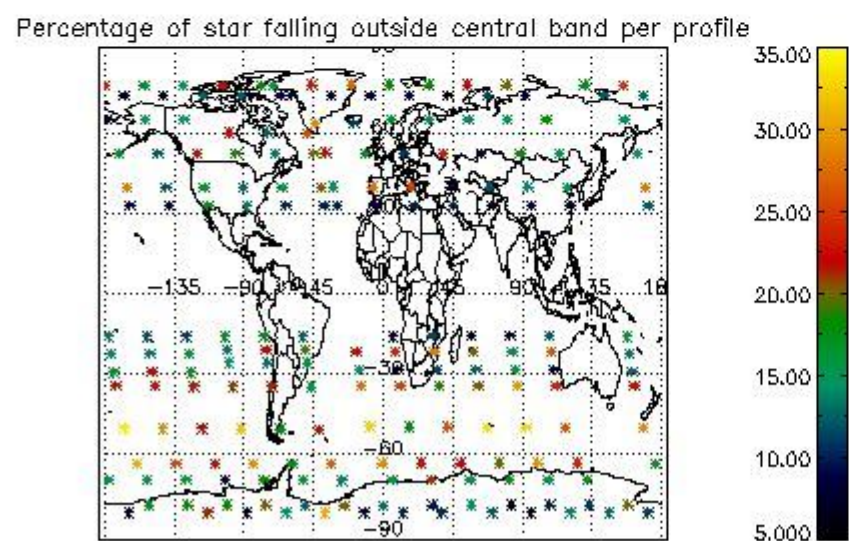
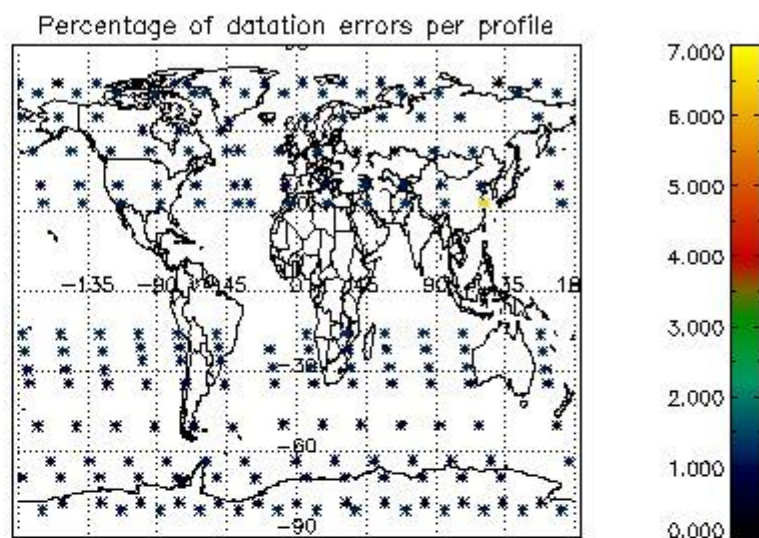
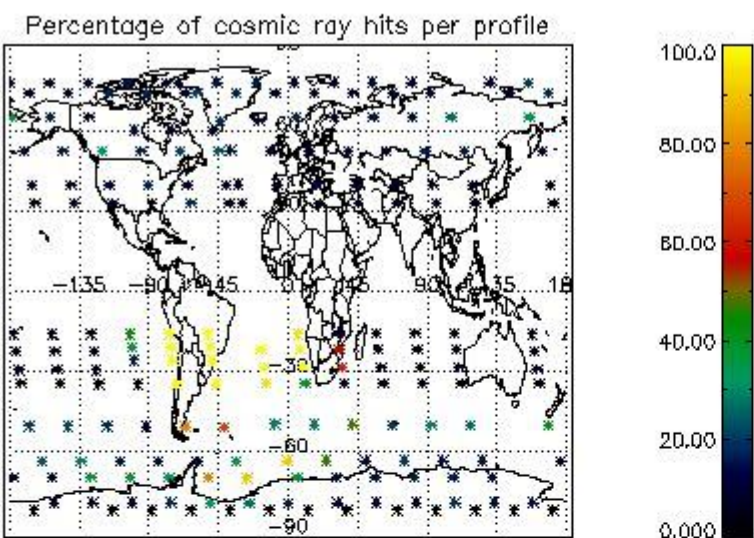


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



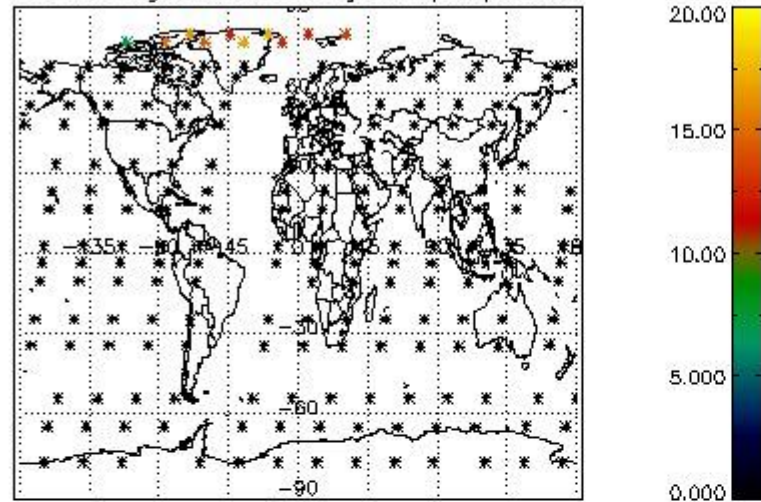
4.2 Plot quality information per product coming from level 1b processing (world map)

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

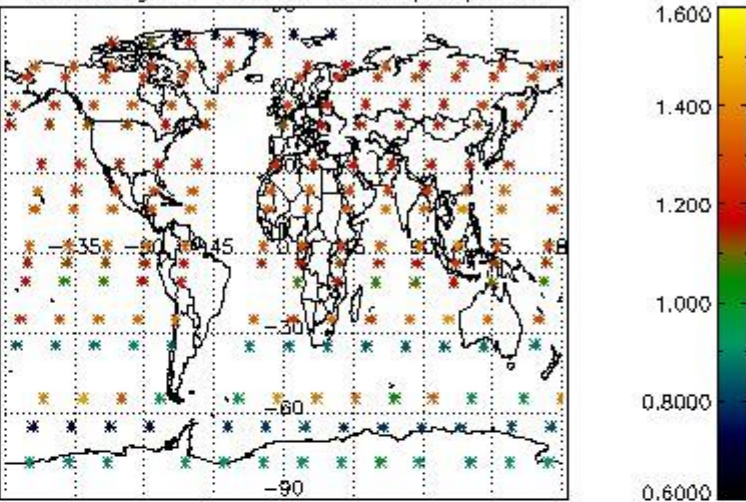


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

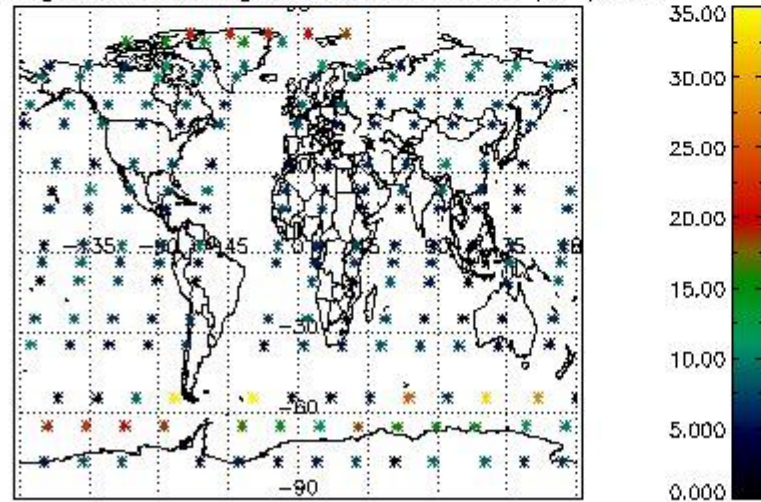
Percentage of cosmic ray hits per profile



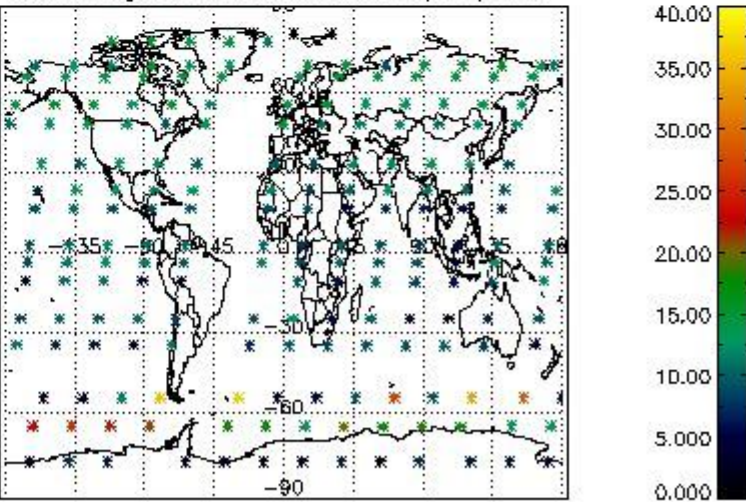
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

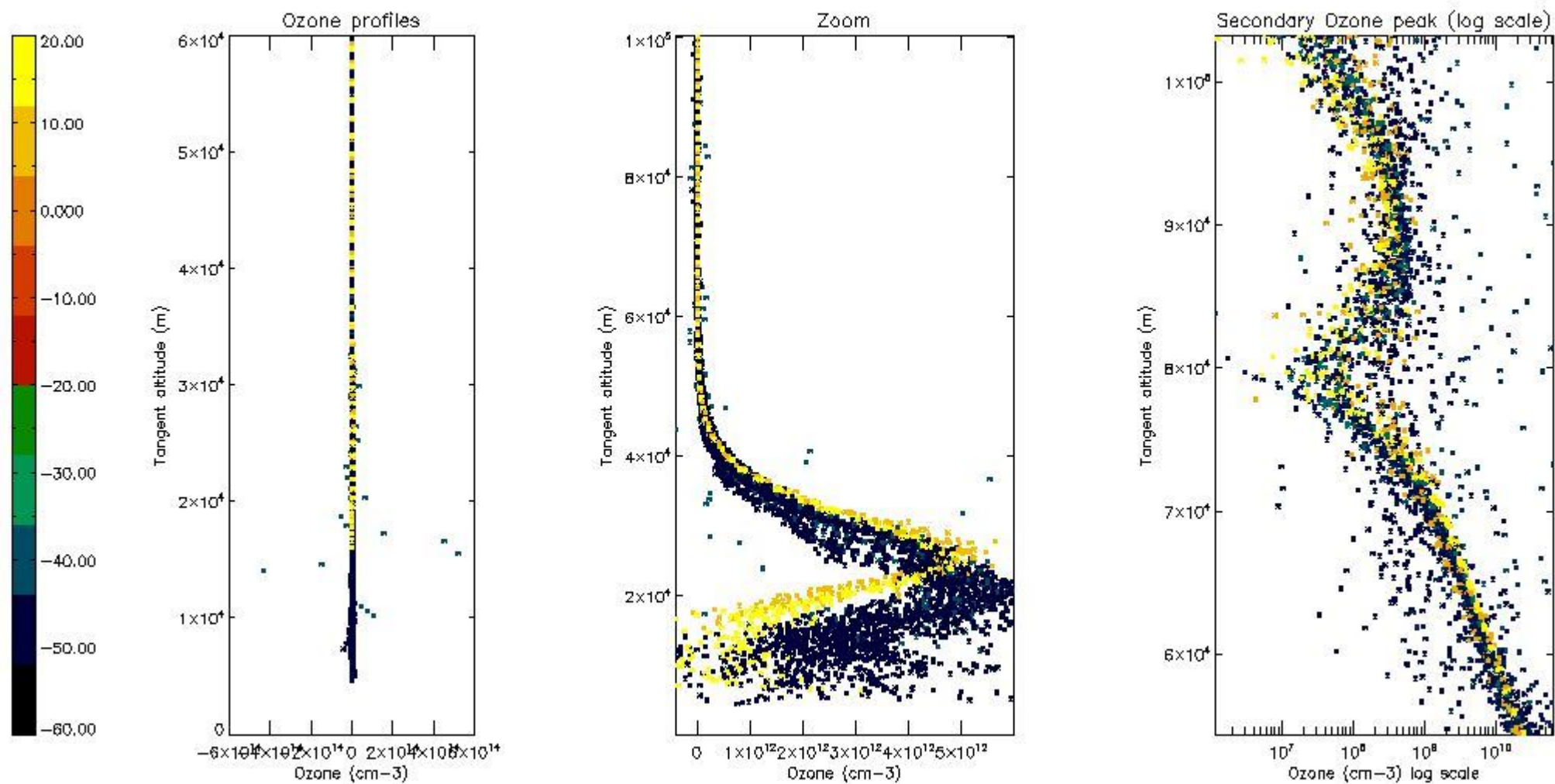
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 25 |
| STD < 20 | 14 |

| | |
|----------|----|
| STD < 10 | 12 |
| STD < 5 | 9 |

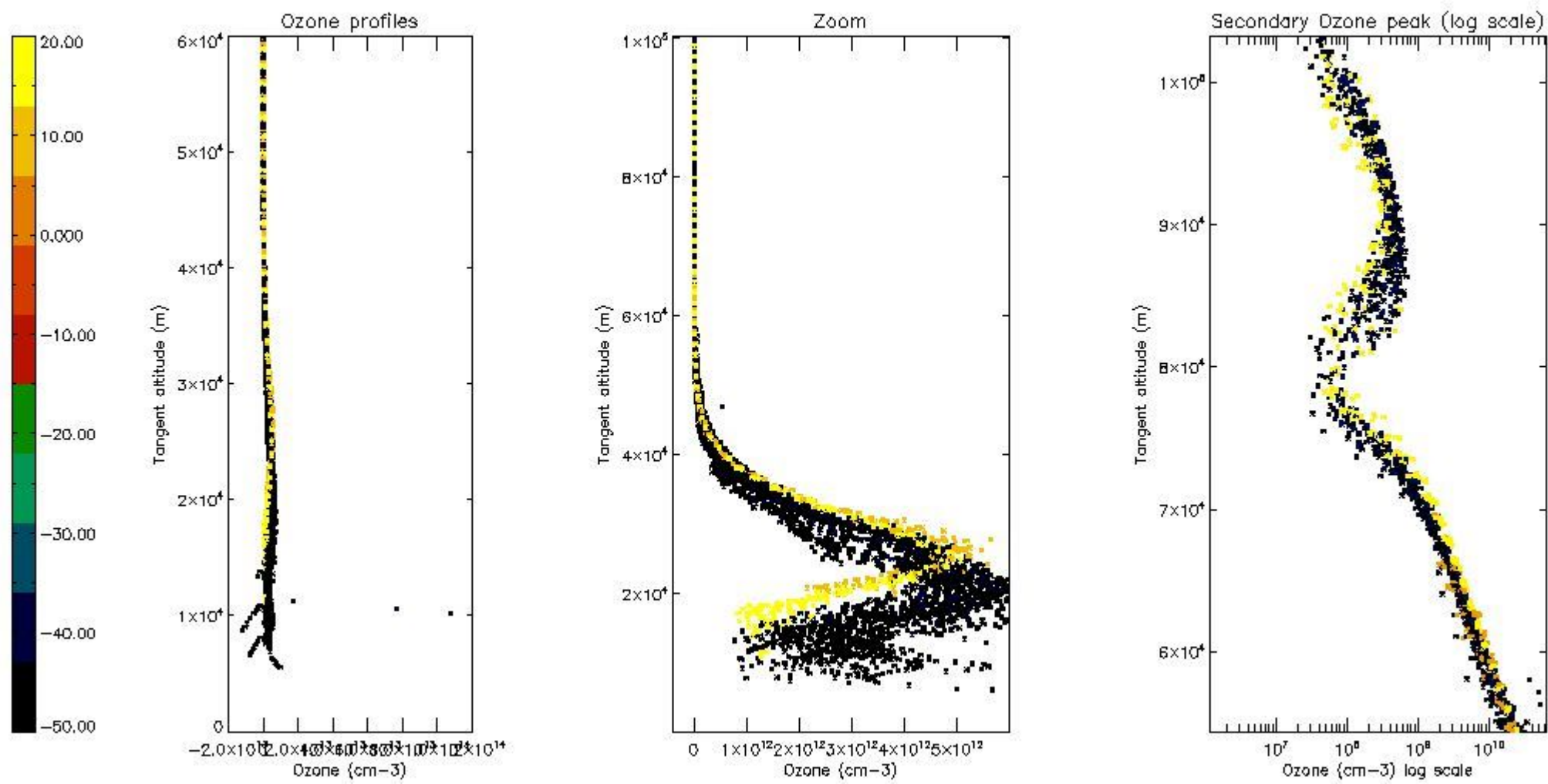
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



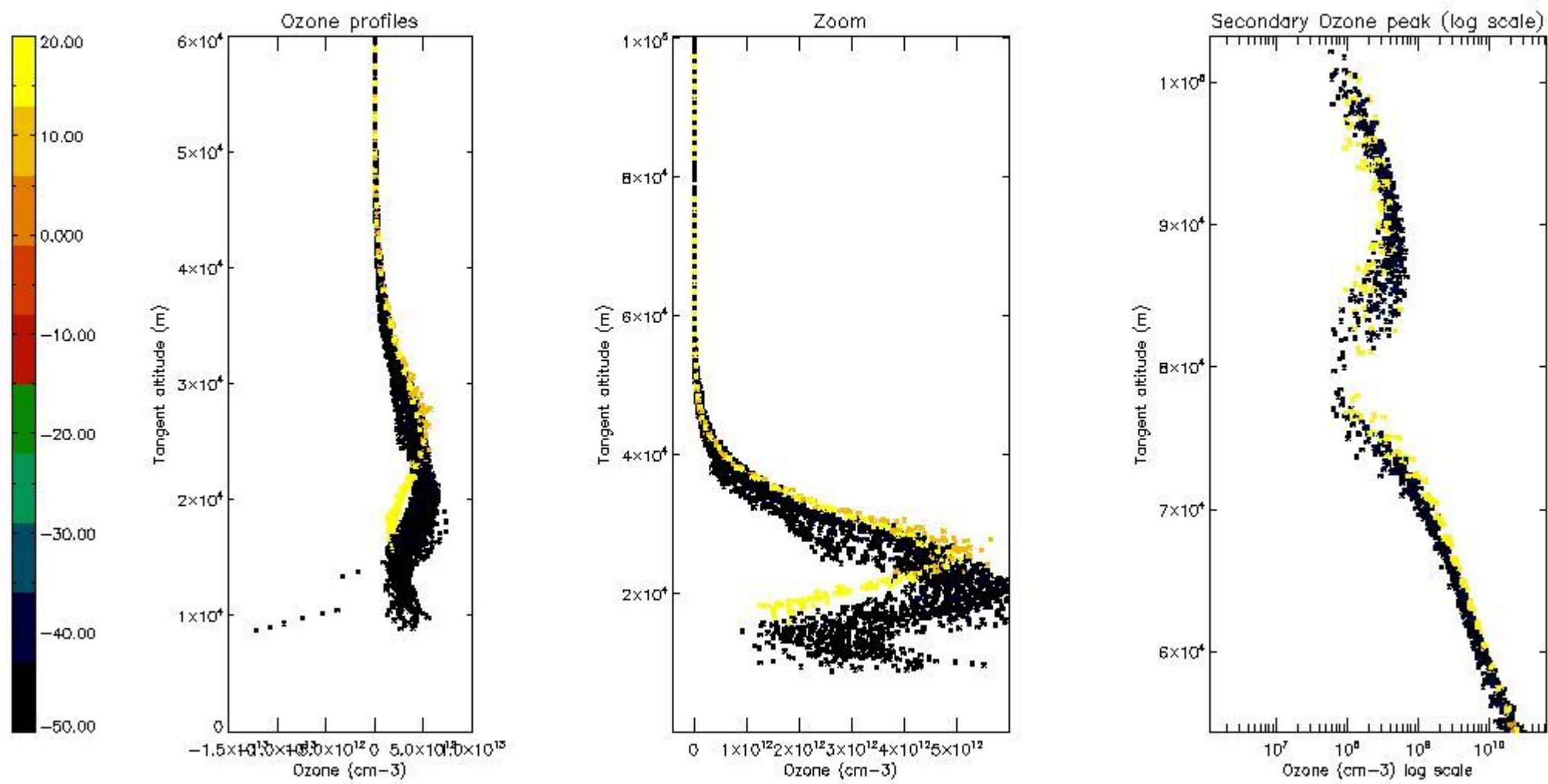
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



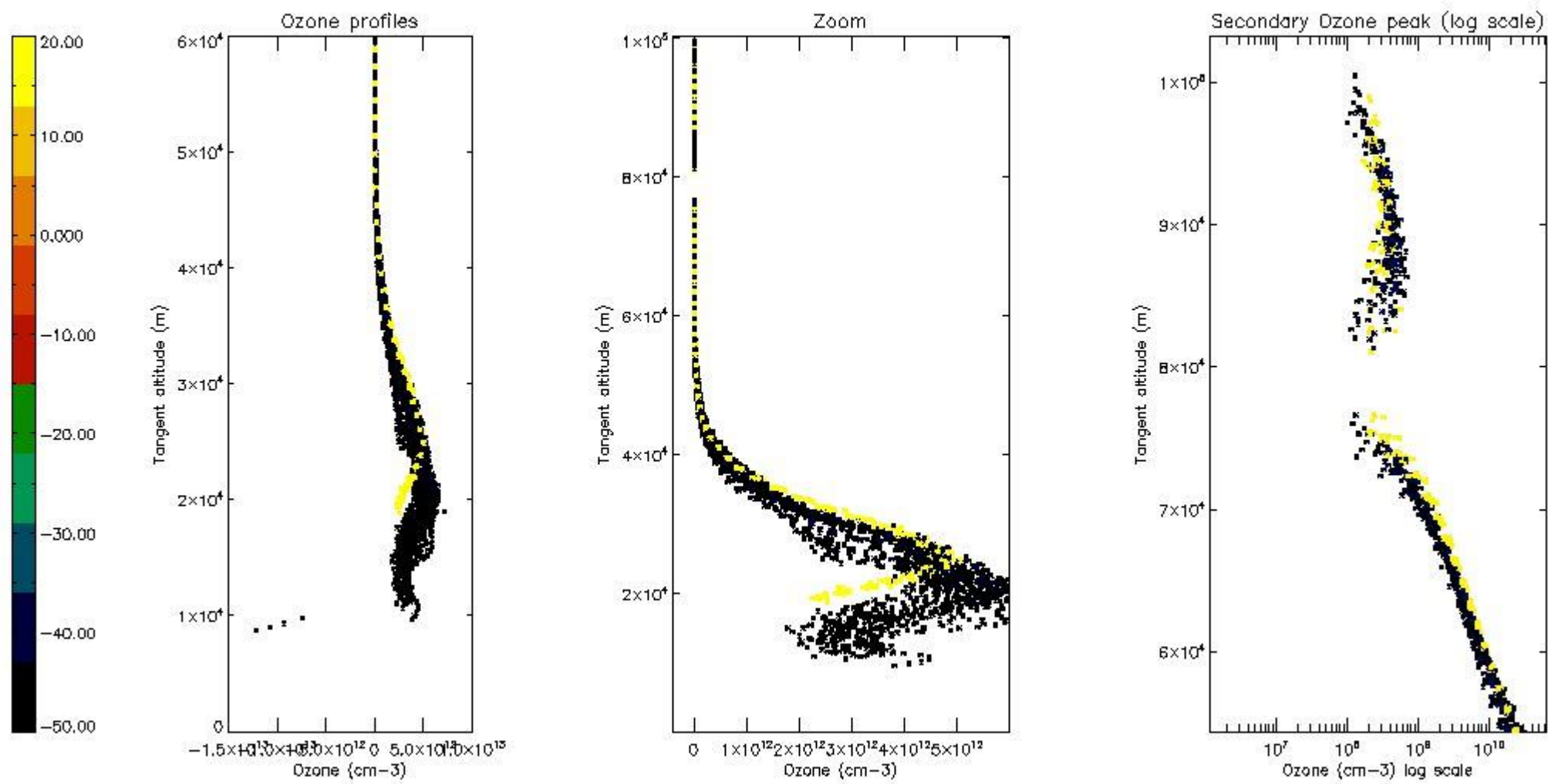
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



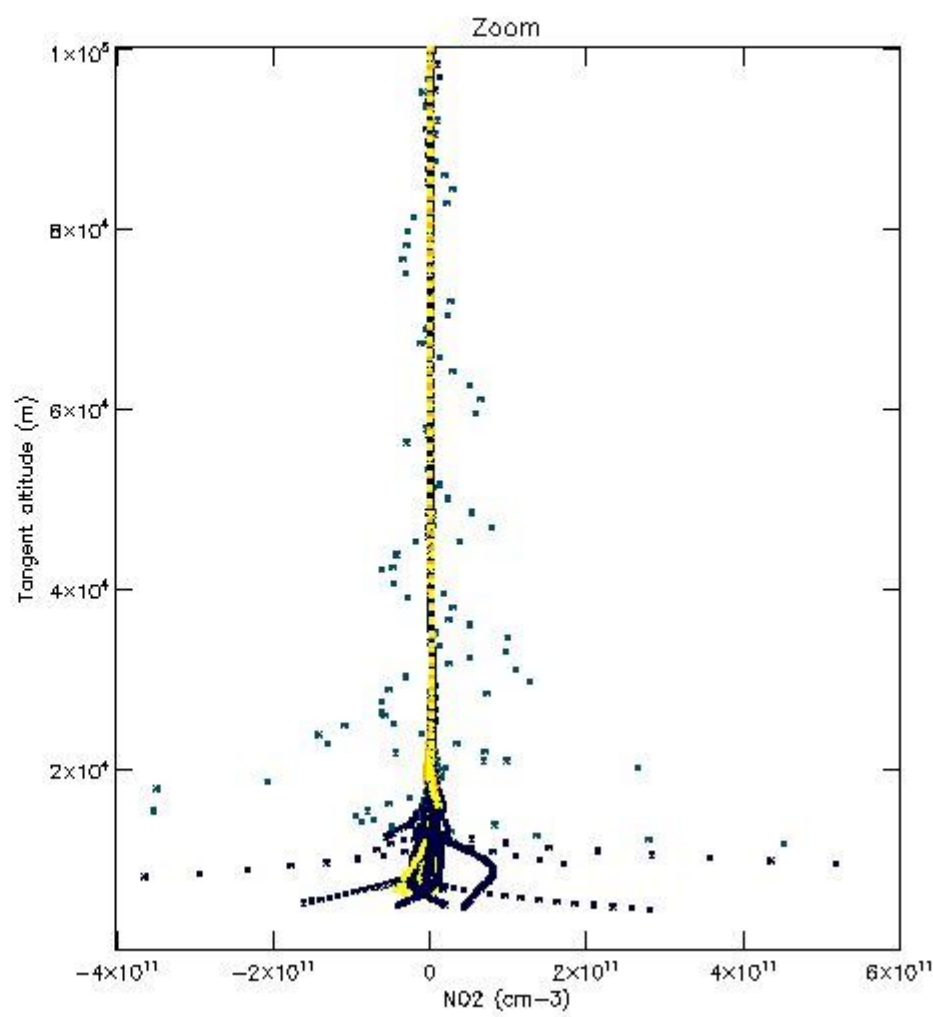
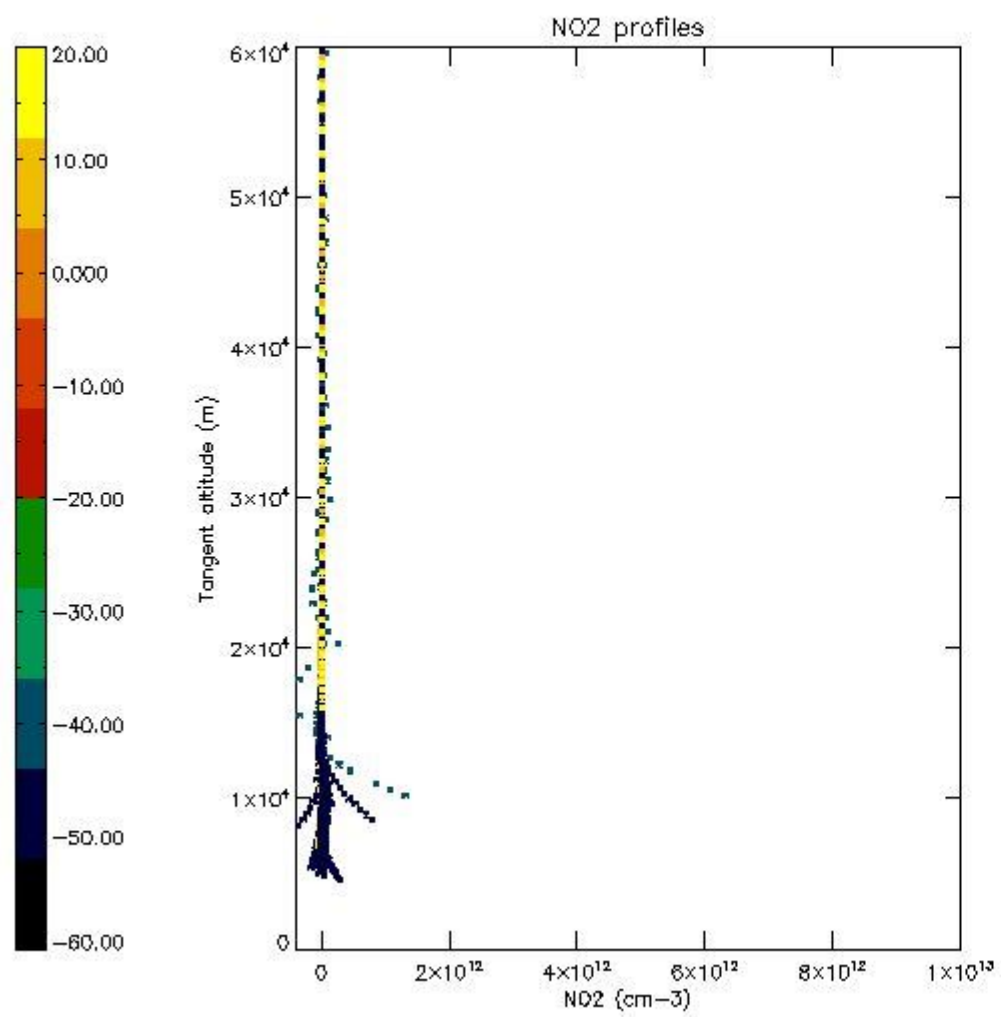
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



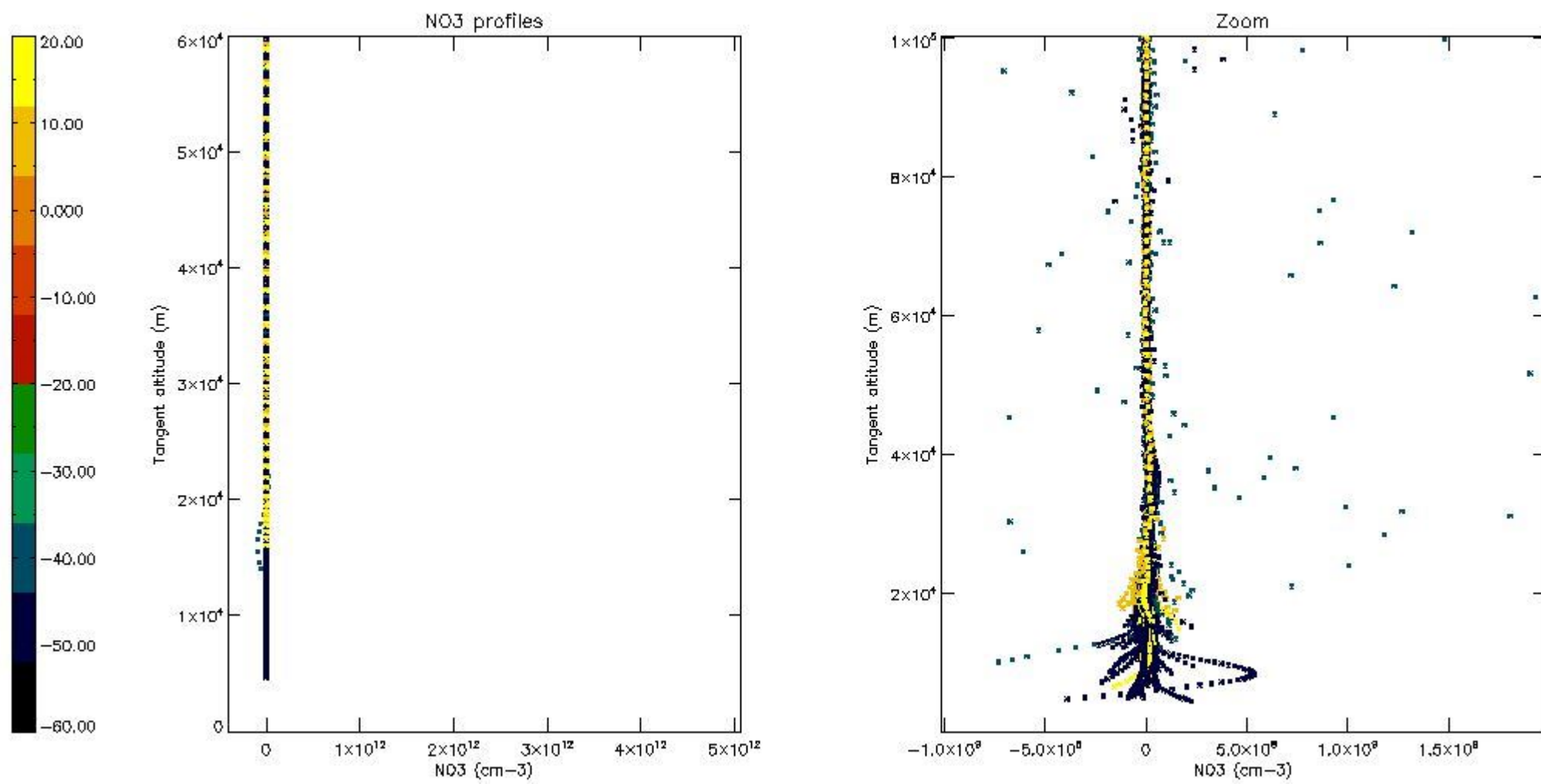
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



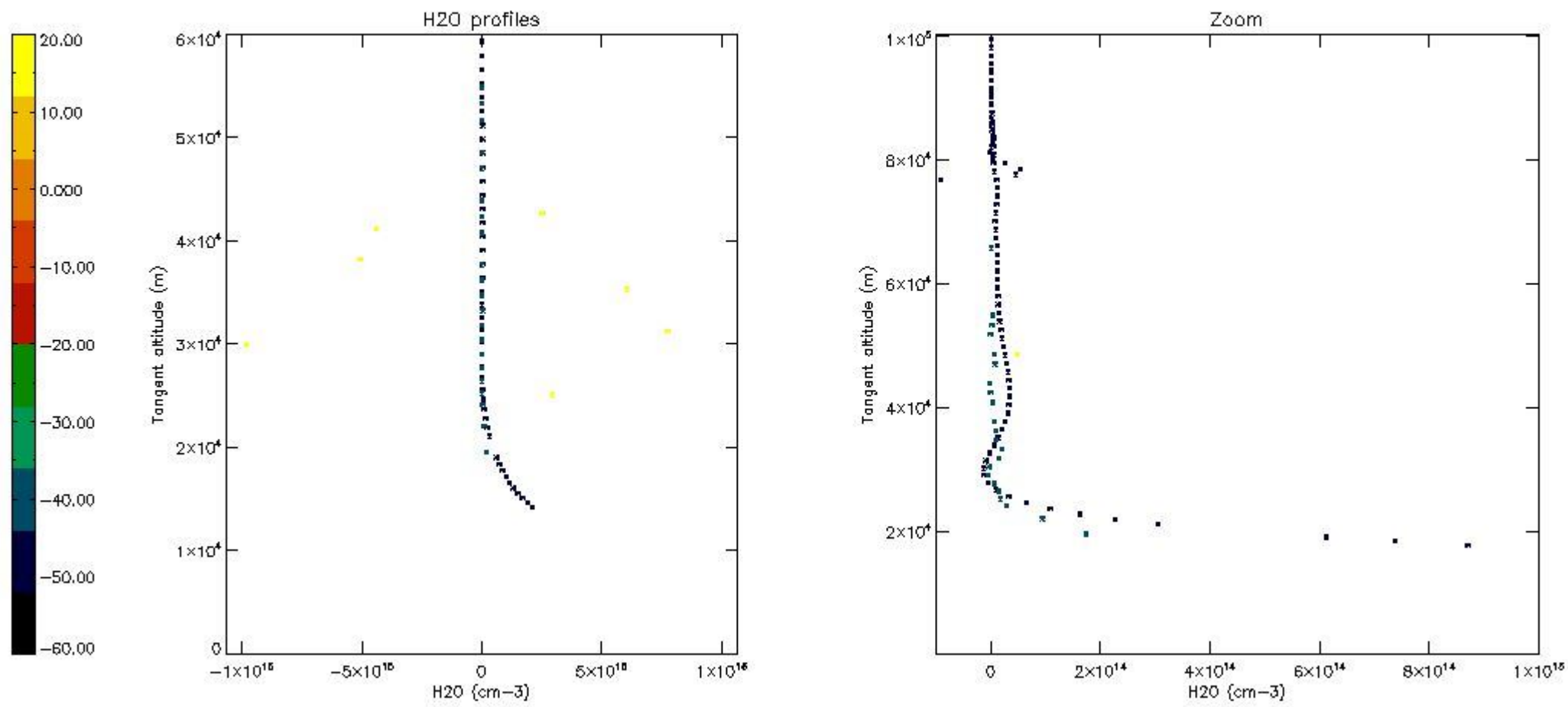
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

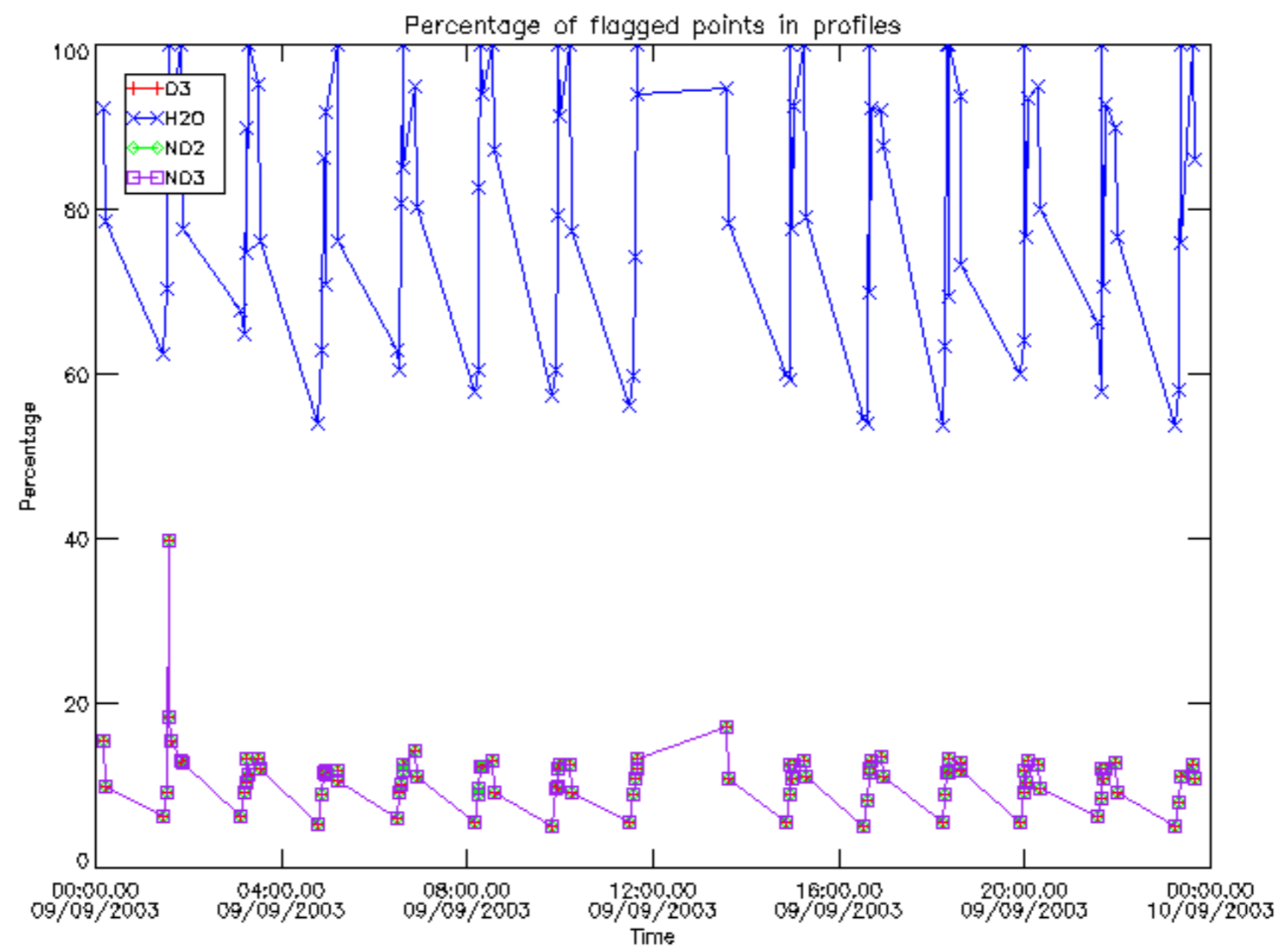
The colorbar represents the latitude.



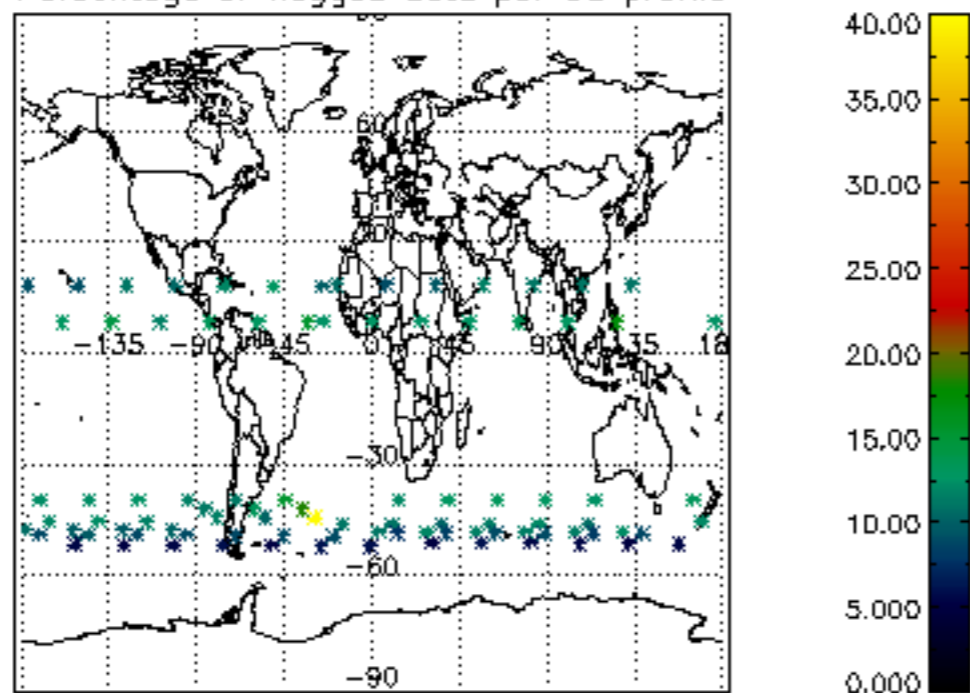
6. Auxiliary Data Files used for the production reported in section 2

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.

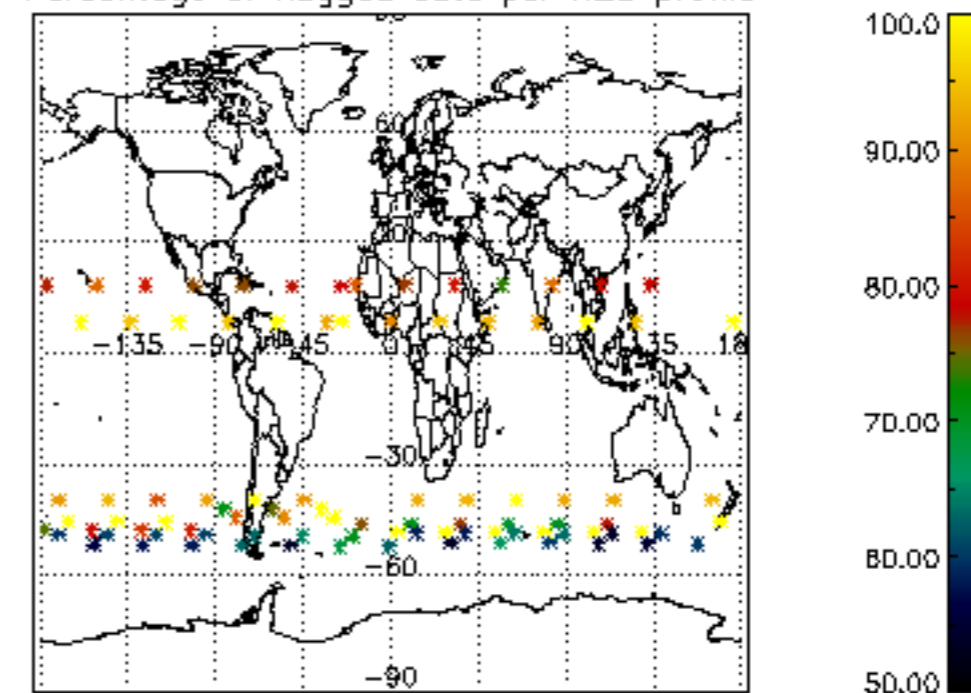
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 09-SEP-2003 00:09:38 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 09-SEP-2003 00:09:38 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 09-SEP-2003 00:09:38 |



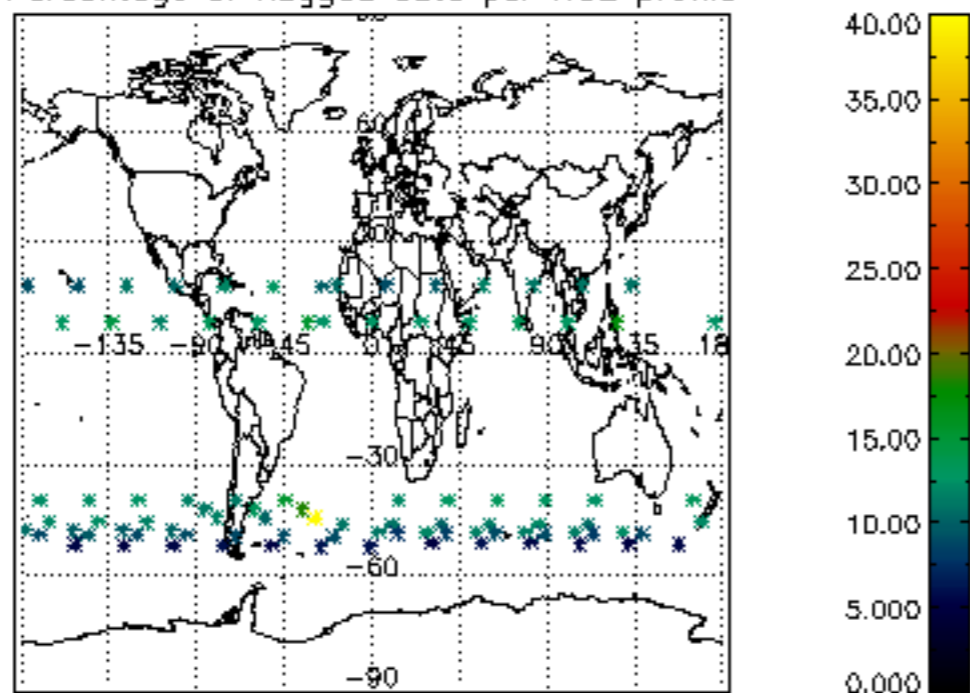
Percentage of flagged data per D3 profile



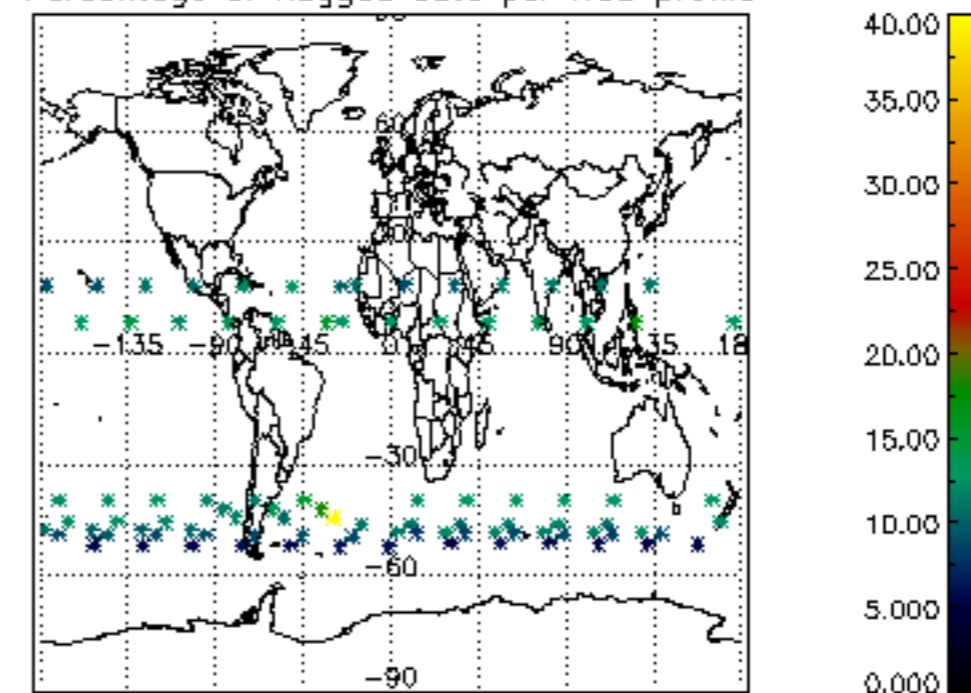
Percentage of flagged data per H2O profile

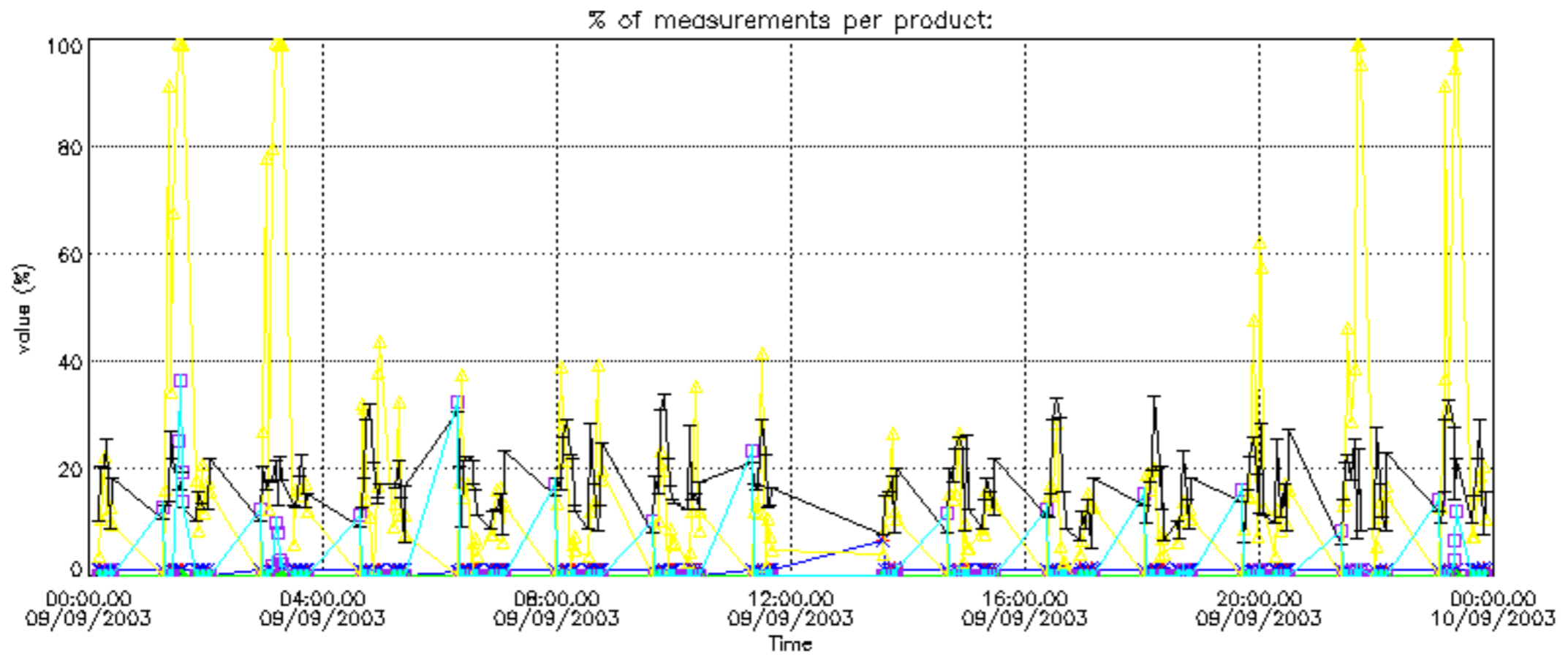


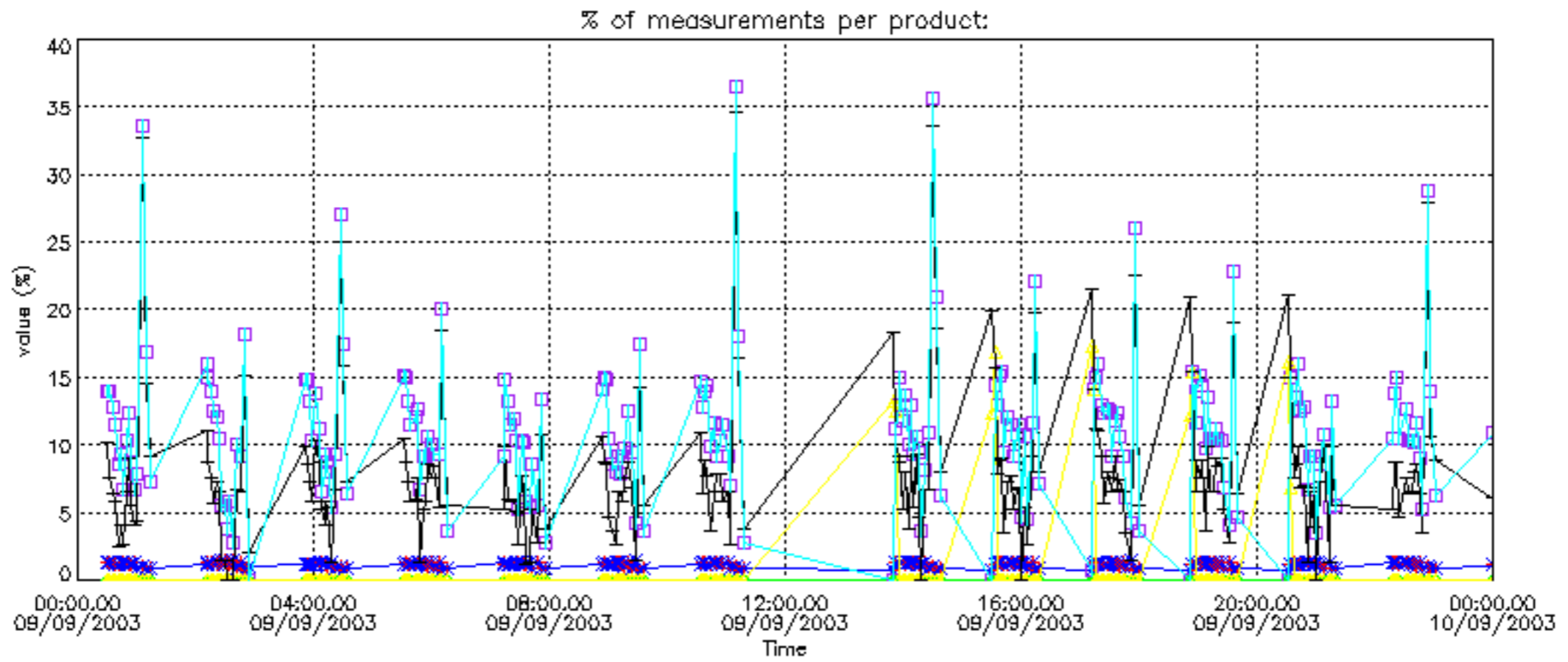
Percentage of flagged data per NO2 profile



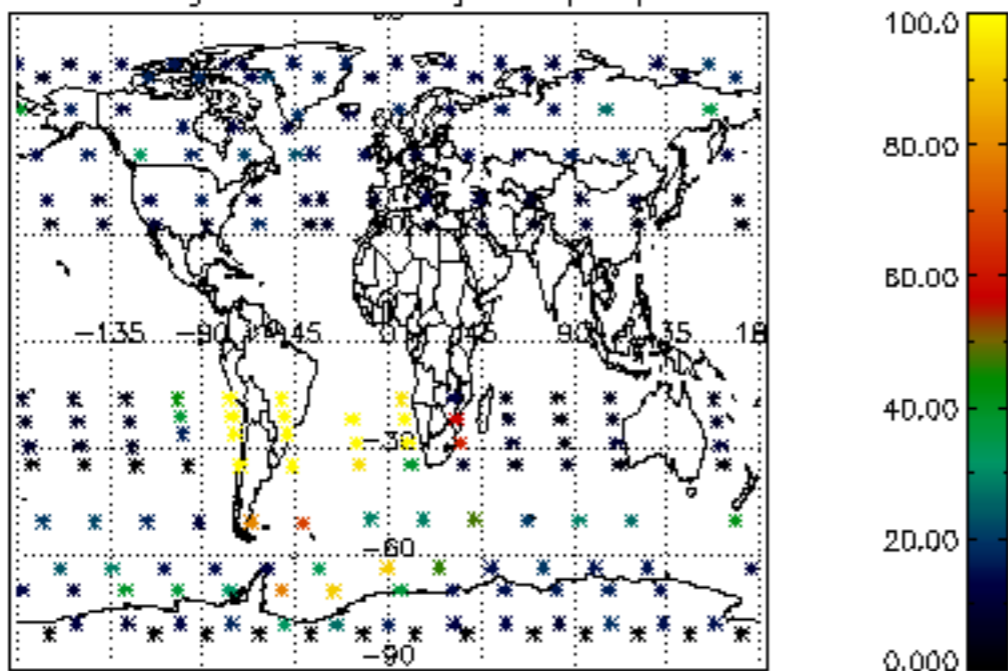
Percentage of flagged data per NO3 profile



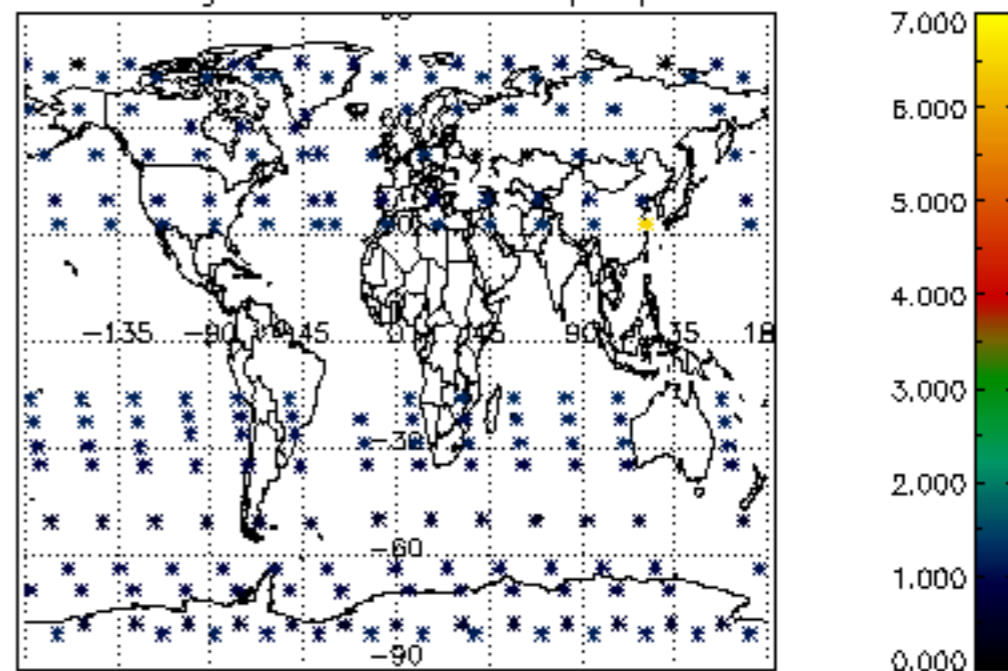




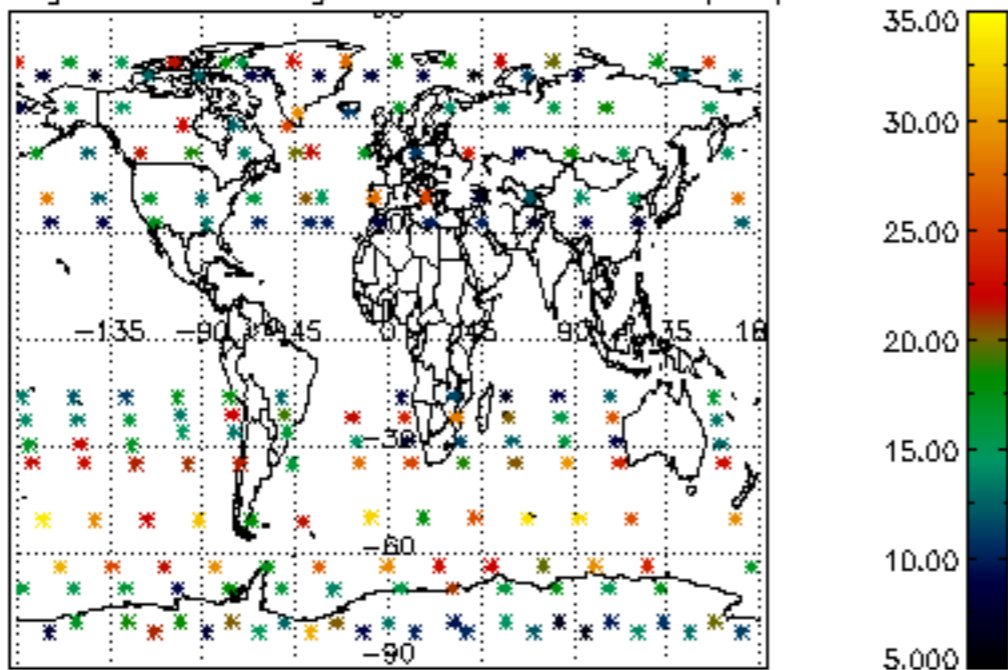
Percentage of cosmic ray hits per profile



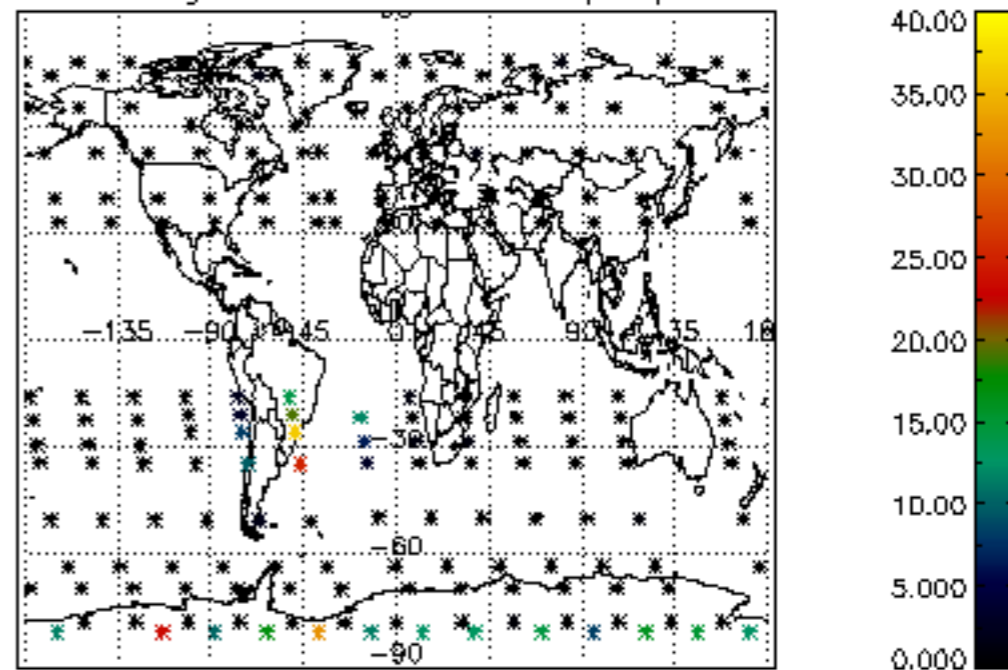
Percentage of datation errors per profile



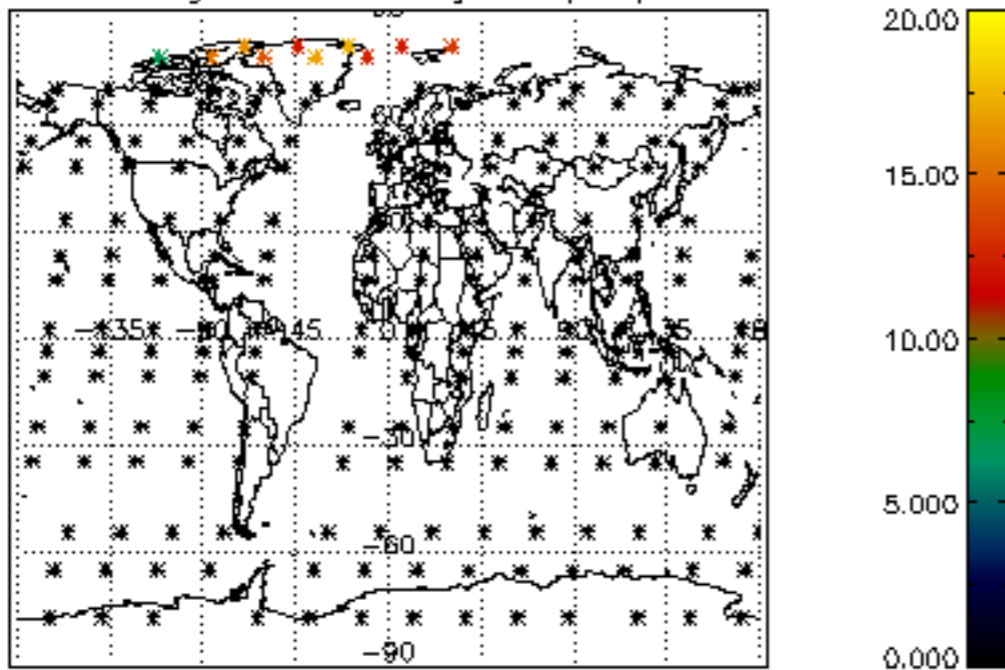
Percentage of star falling outside central band per profile



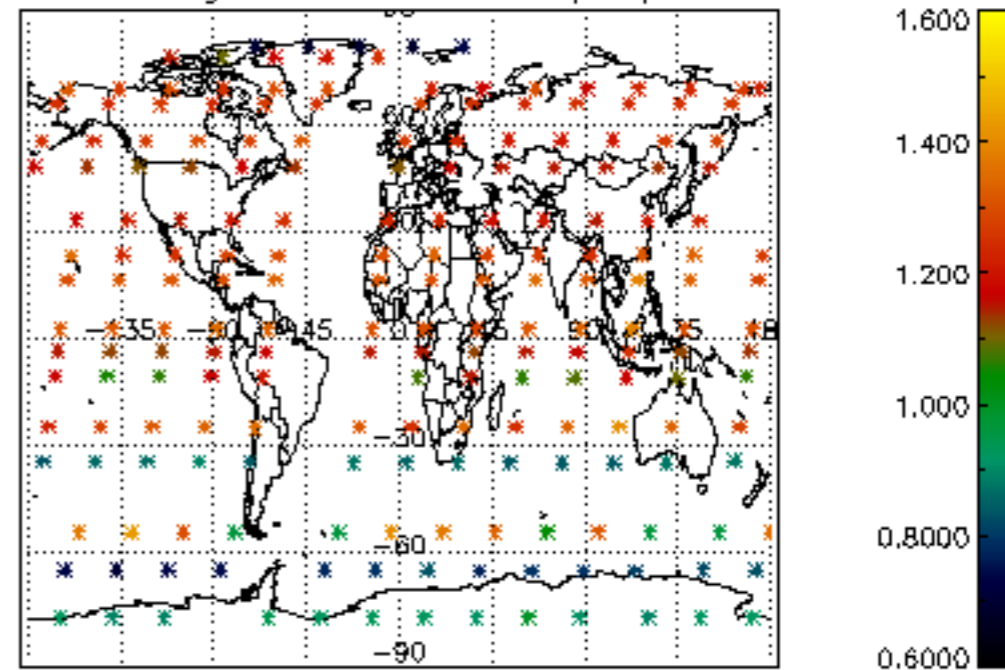
Percentage of saturation errors per profile



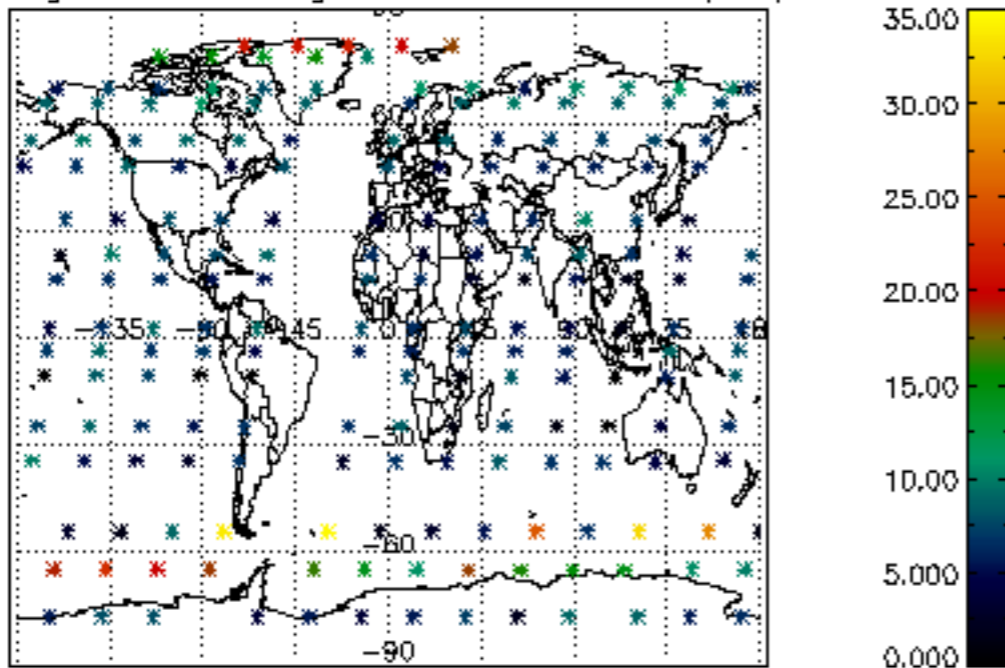
Percentage of cosmic ray hits per profile



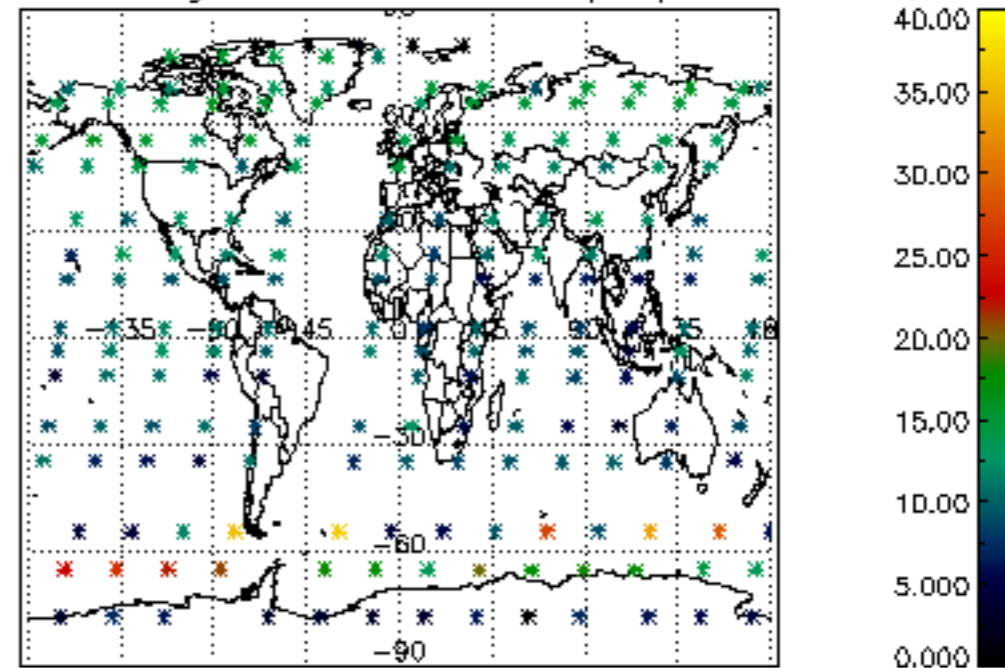
Percentage of datation errors per profile

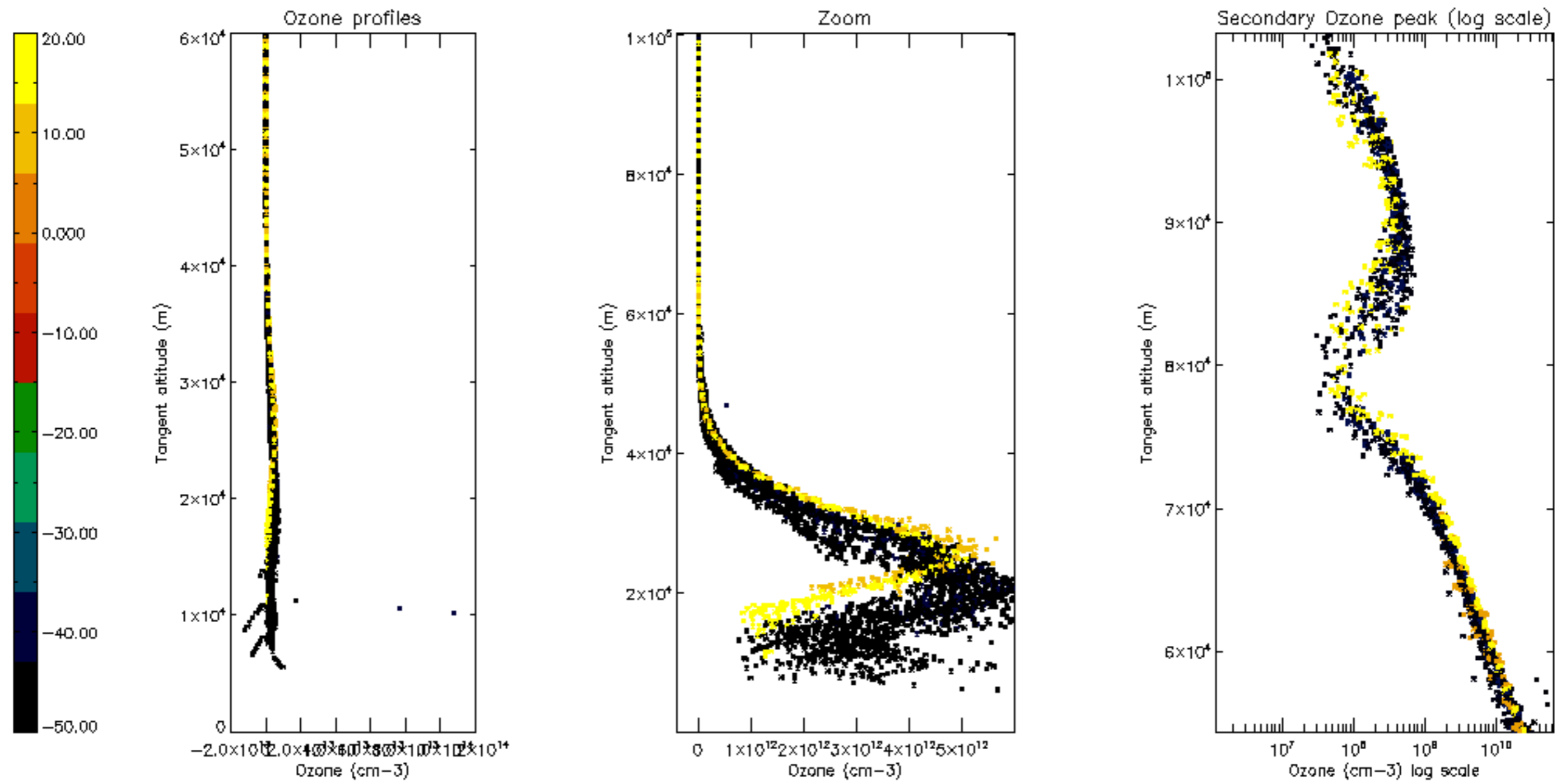


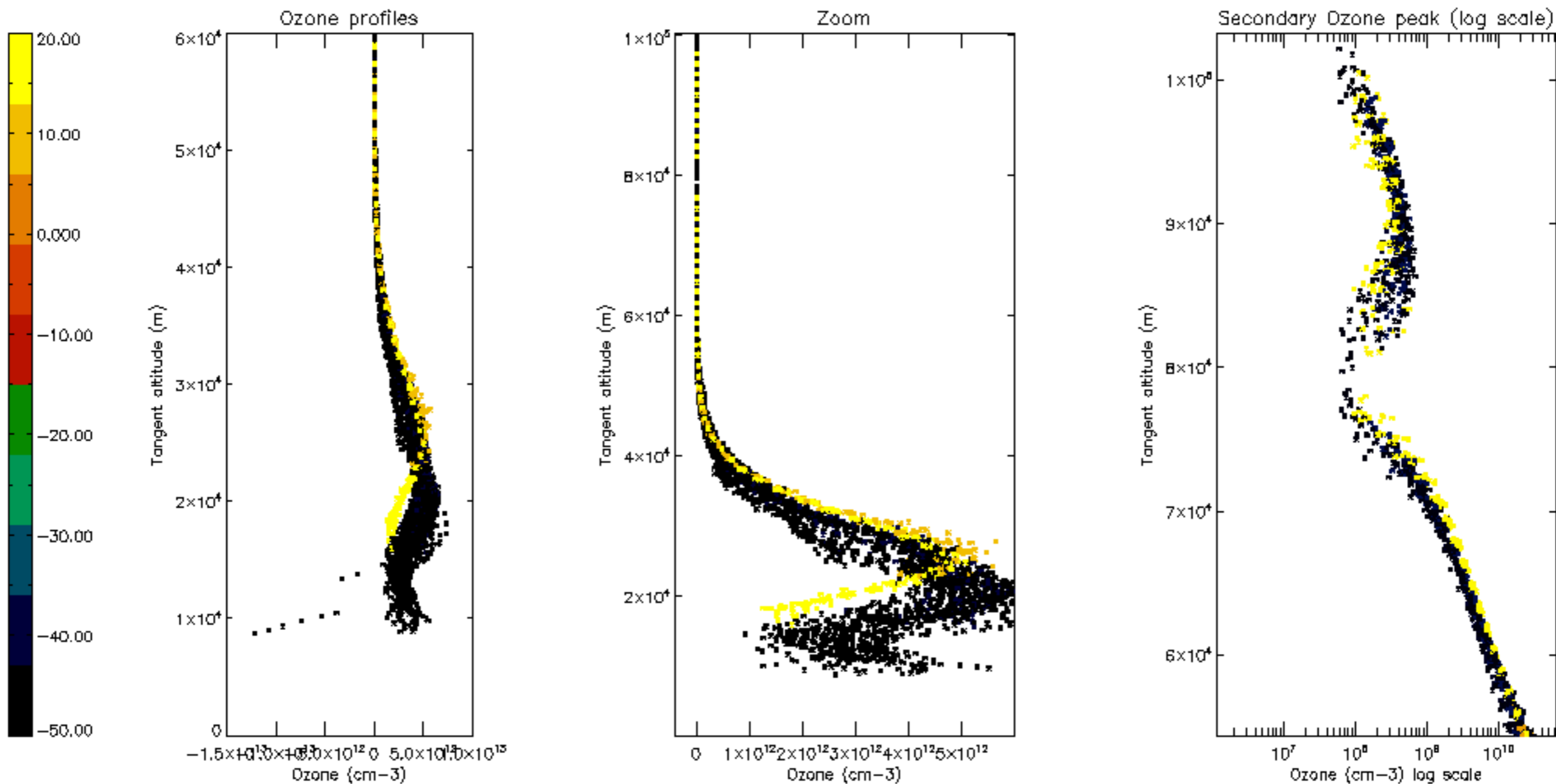
Percentage of star falling outside central band per profile

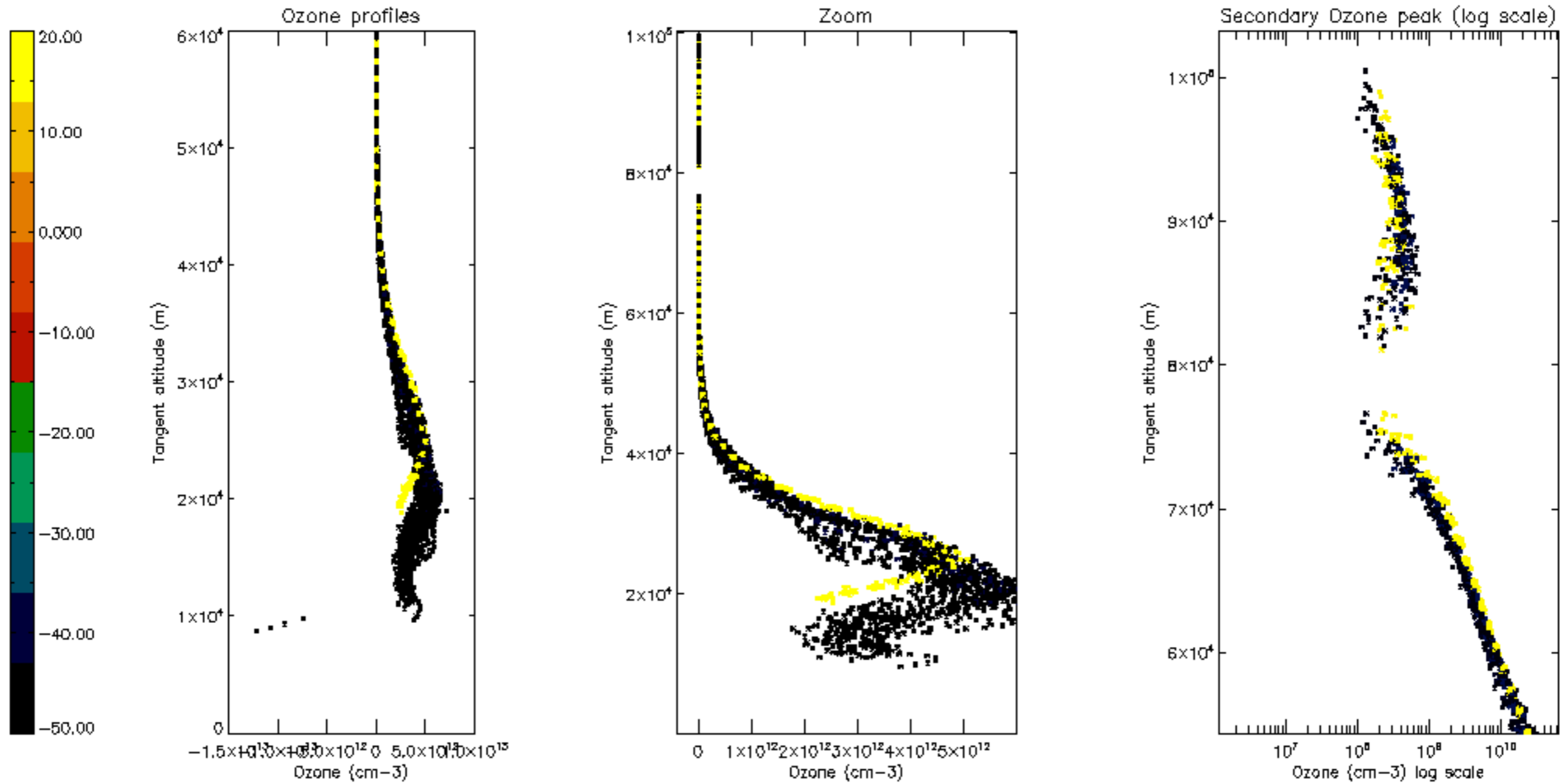


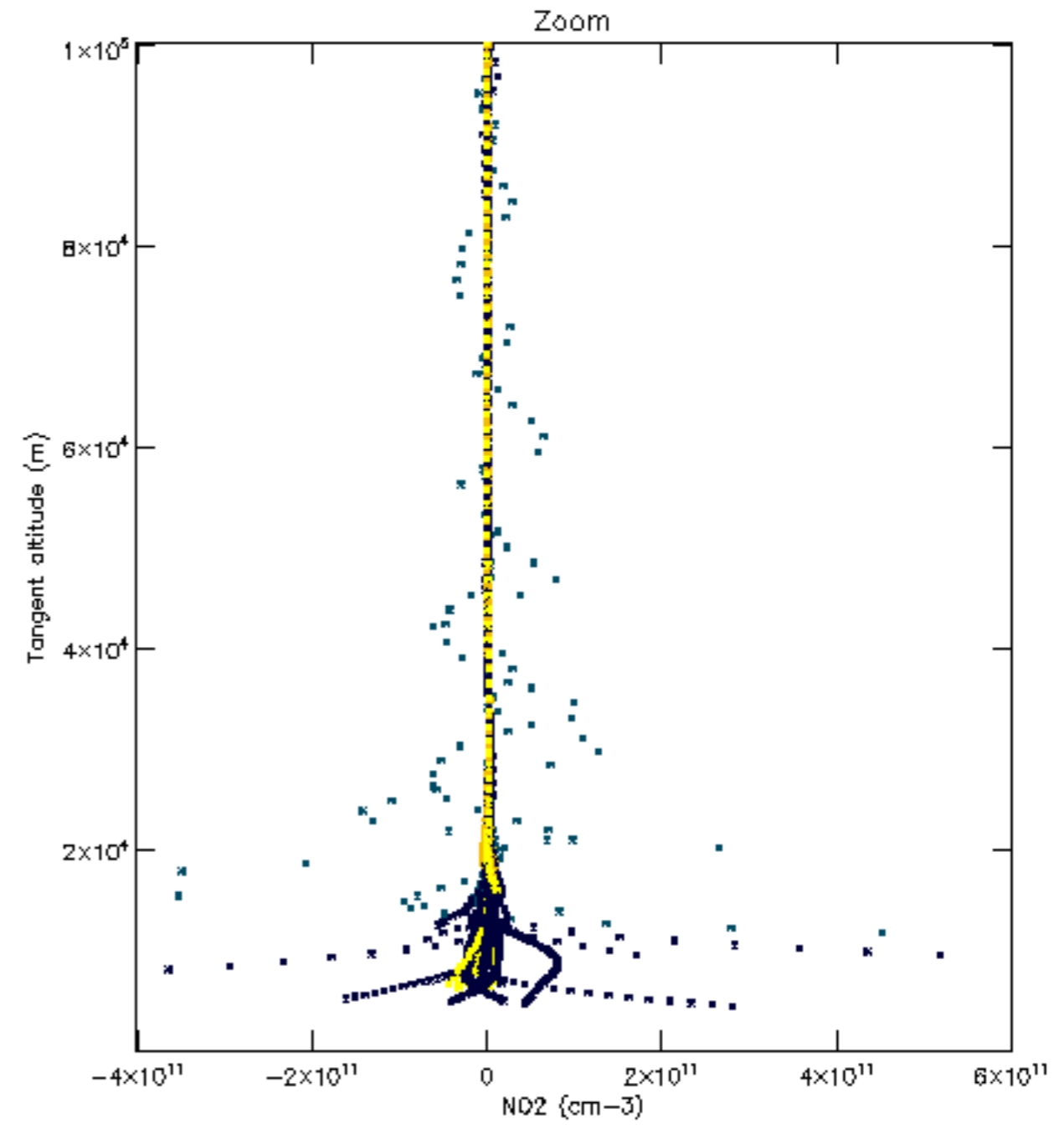
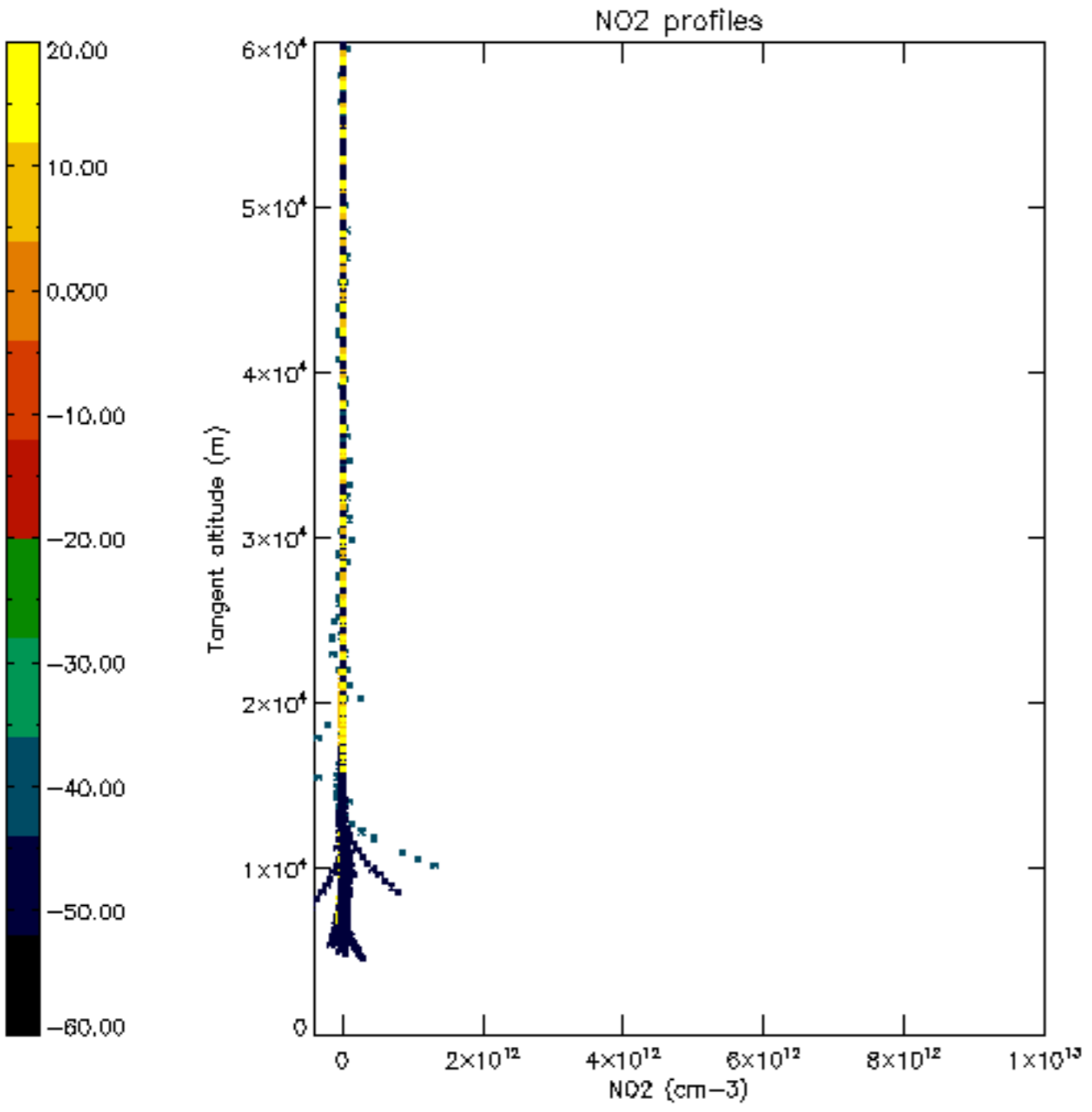
Percentage of saturation errors per profile

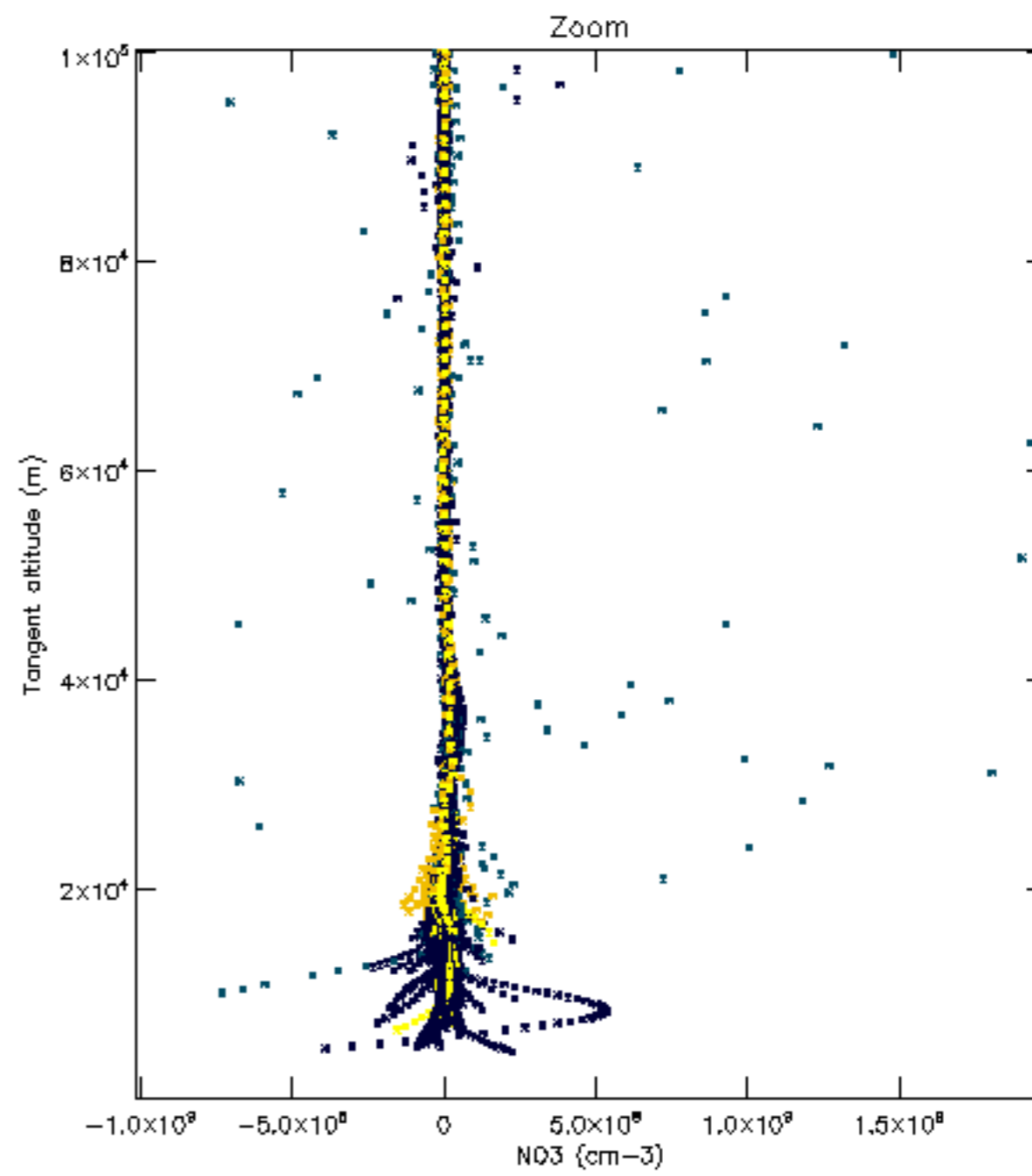
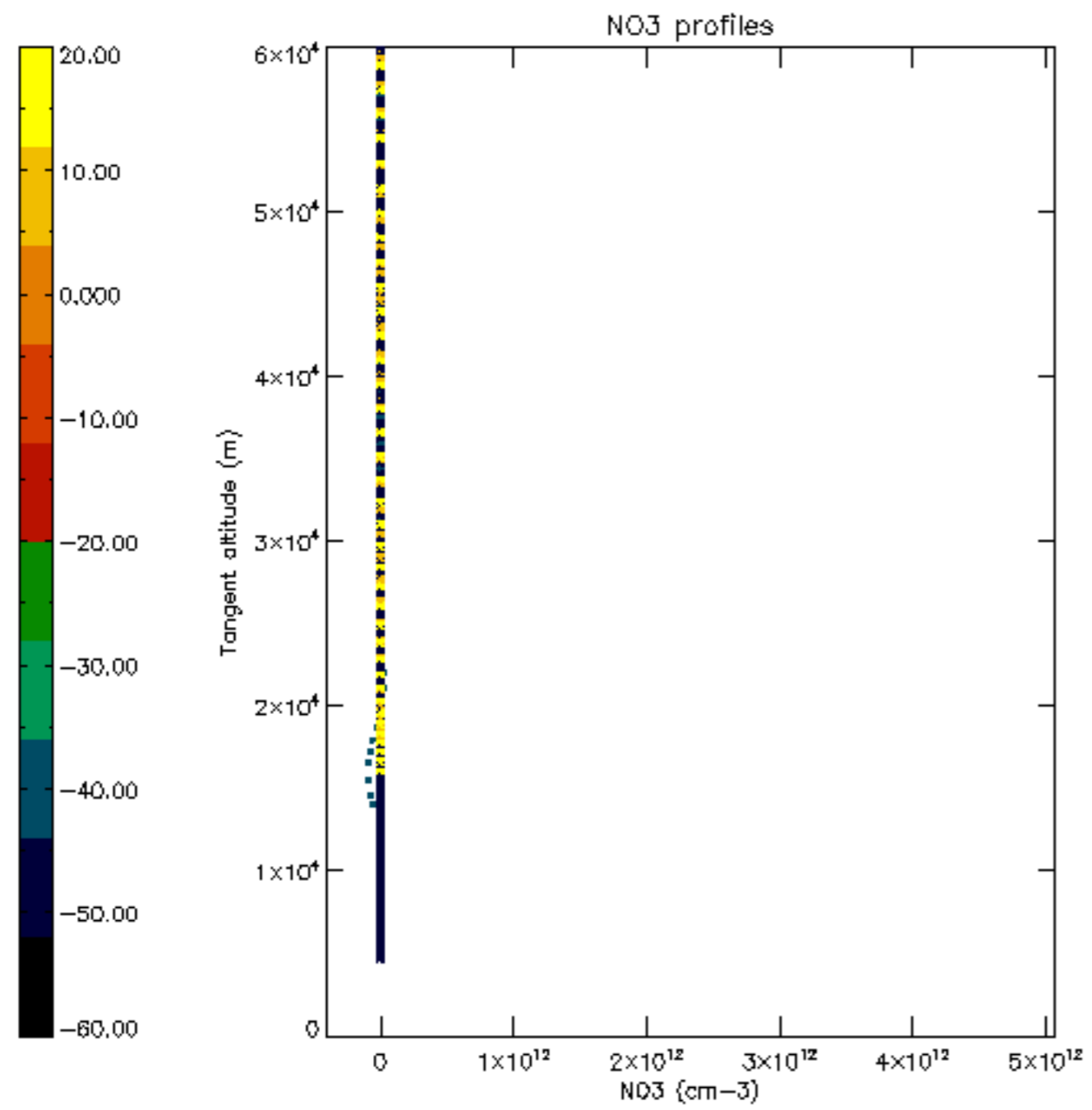


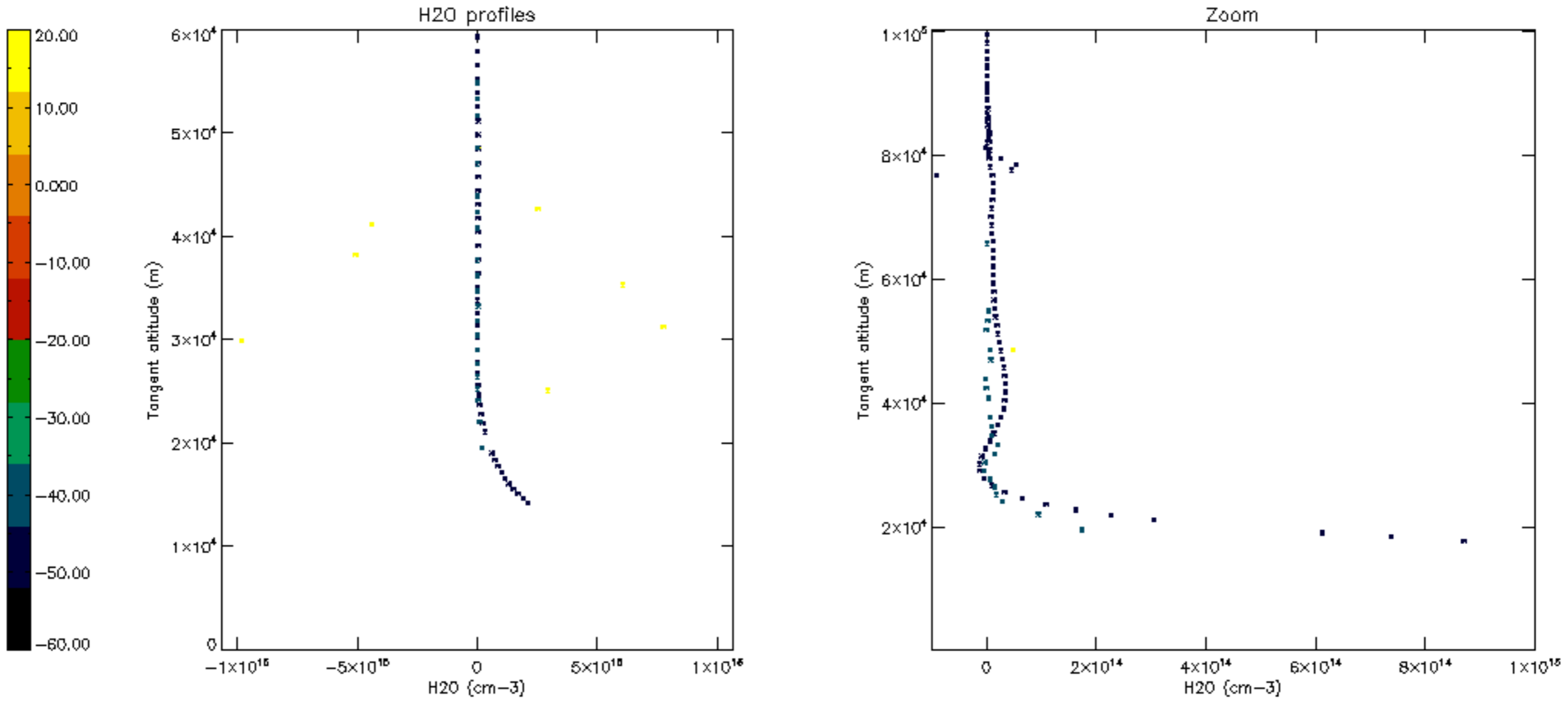




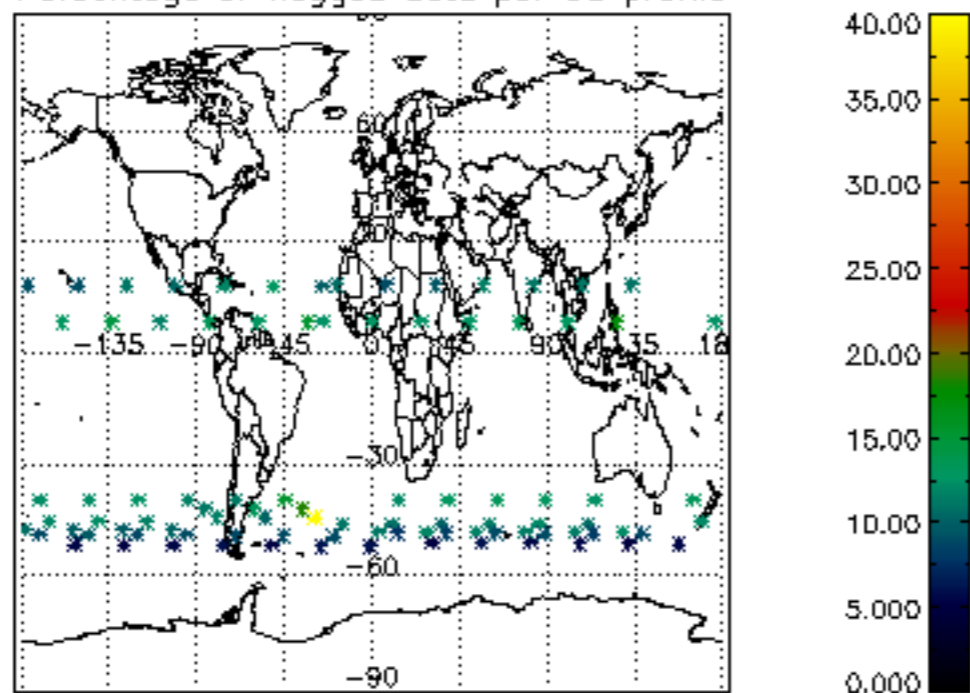




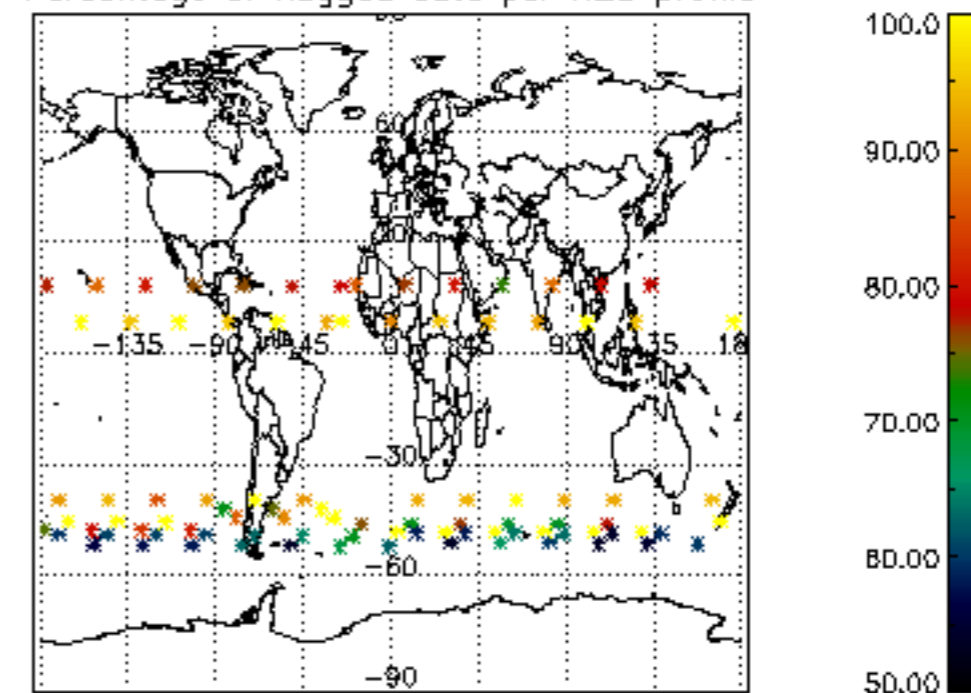




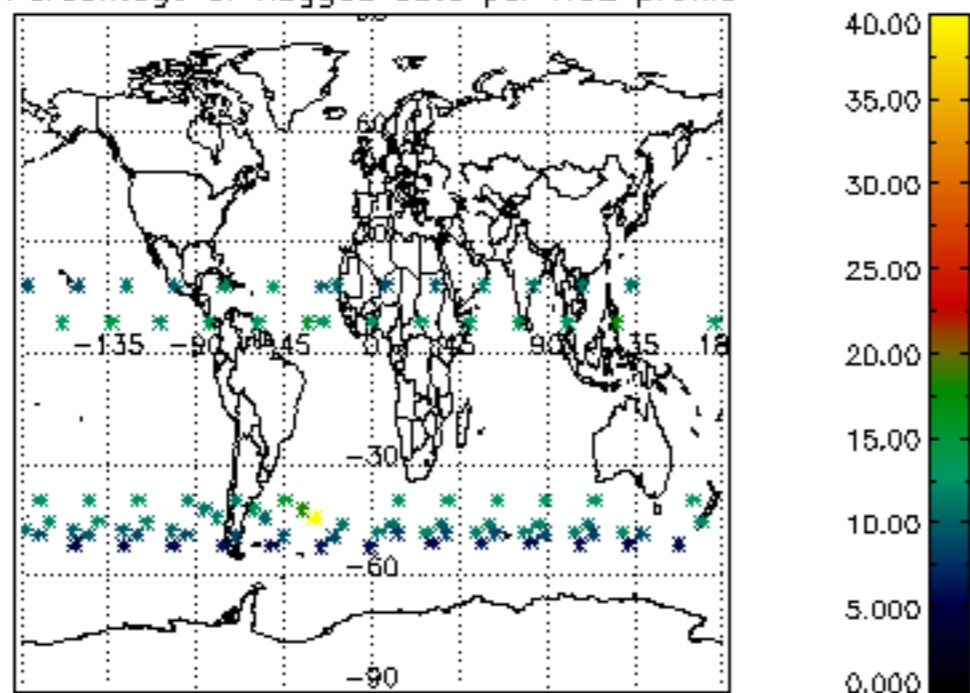
Percentage of flagged data per D3 profile



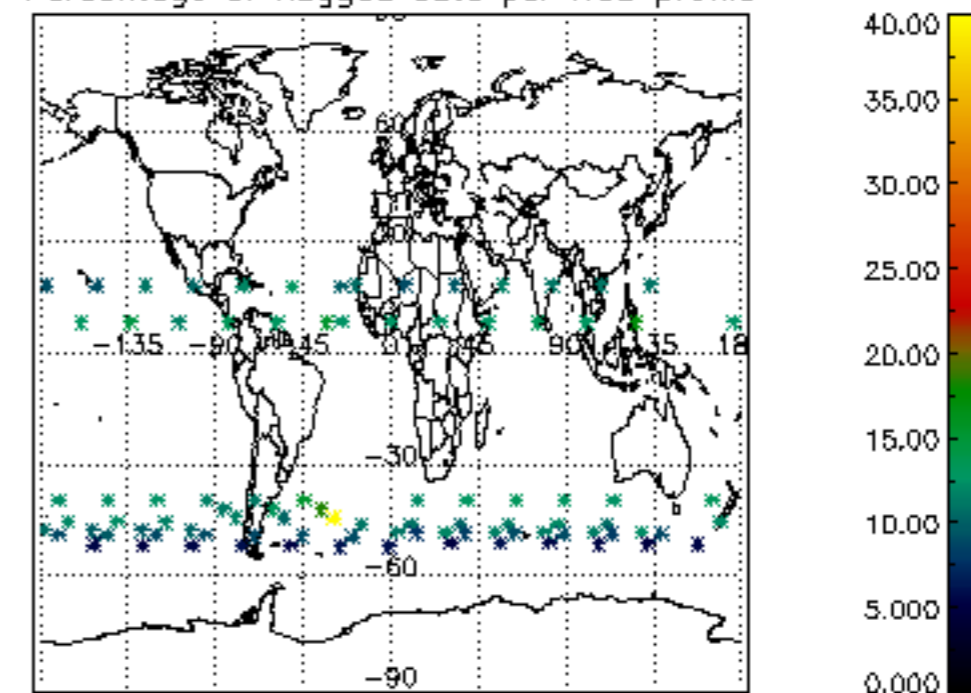
Percentage of flagged data per H2O profile

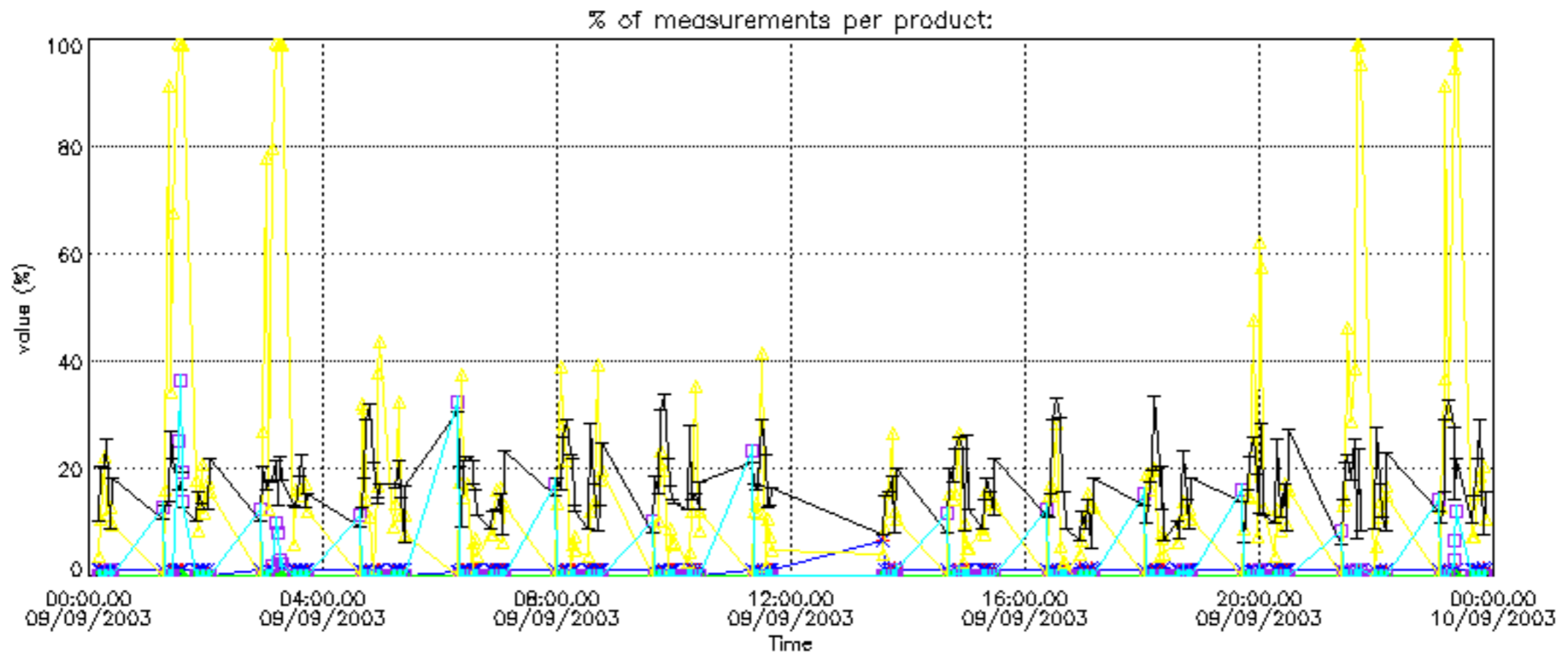


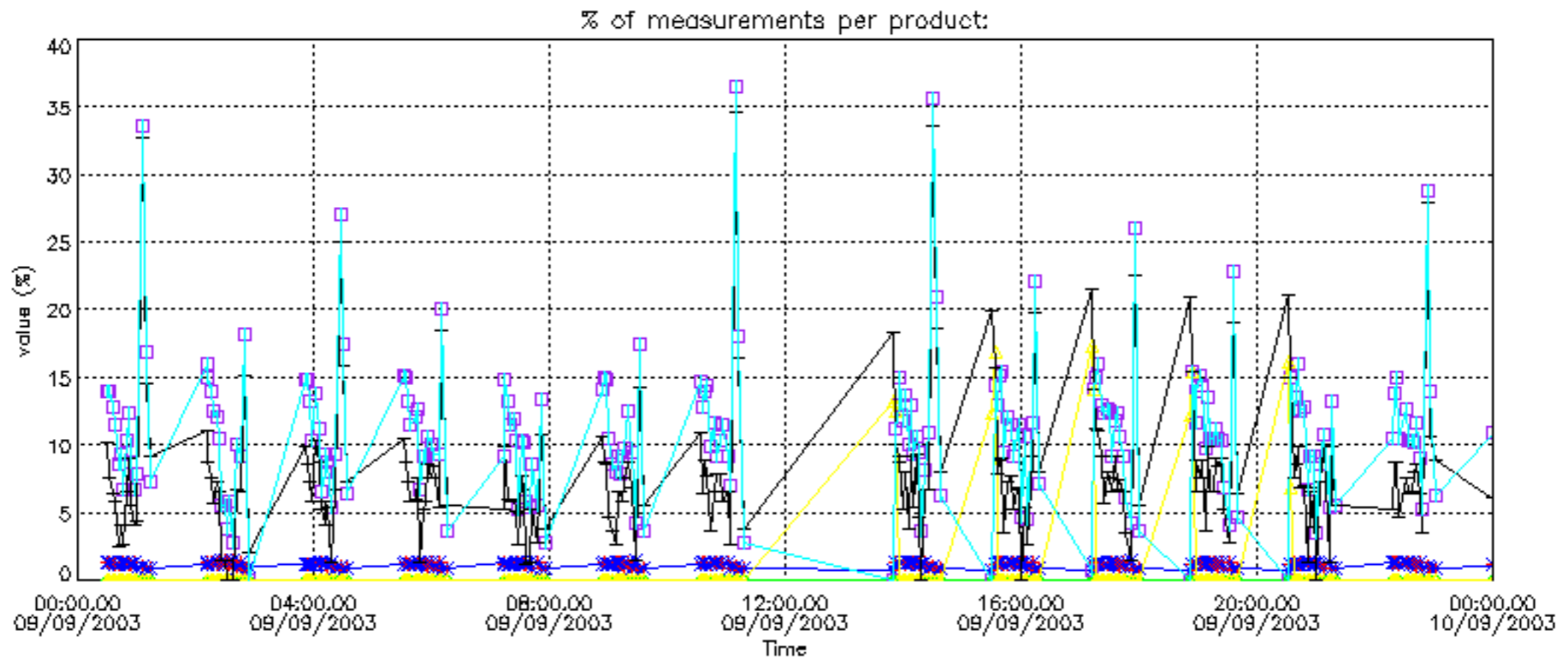
Percentage of flagged data per NO2 profile



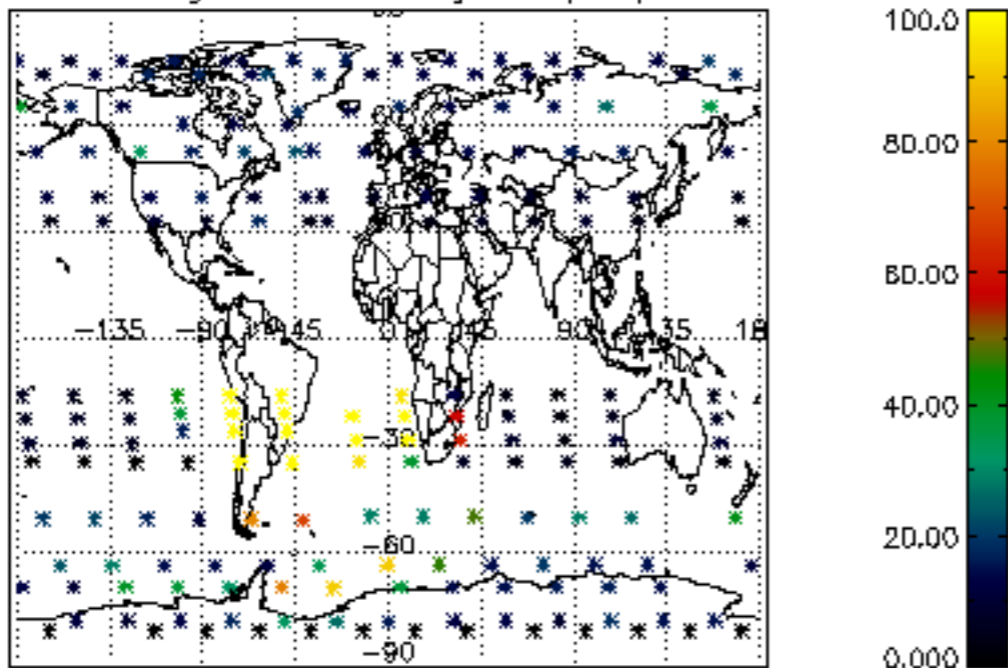
Percentage of flagged data per NO3 profile



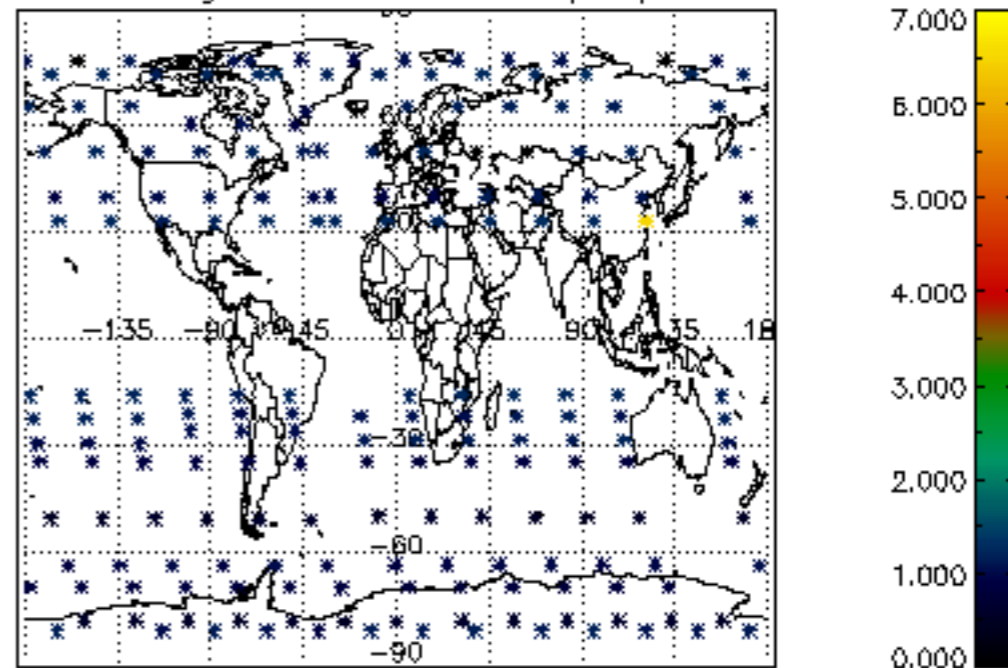




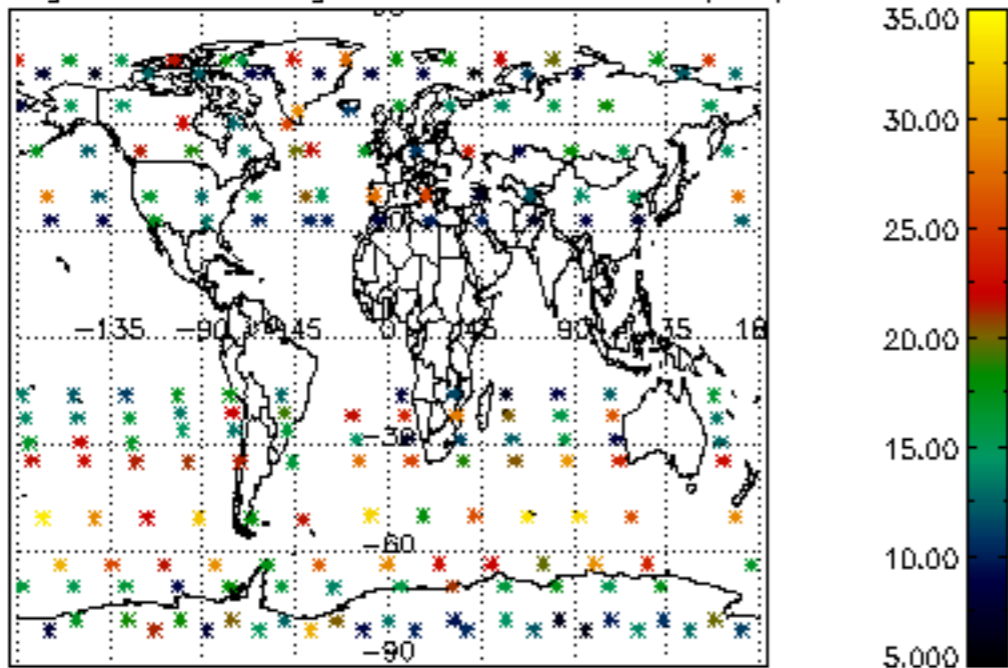
Percentage of cosmic ray hits per profile



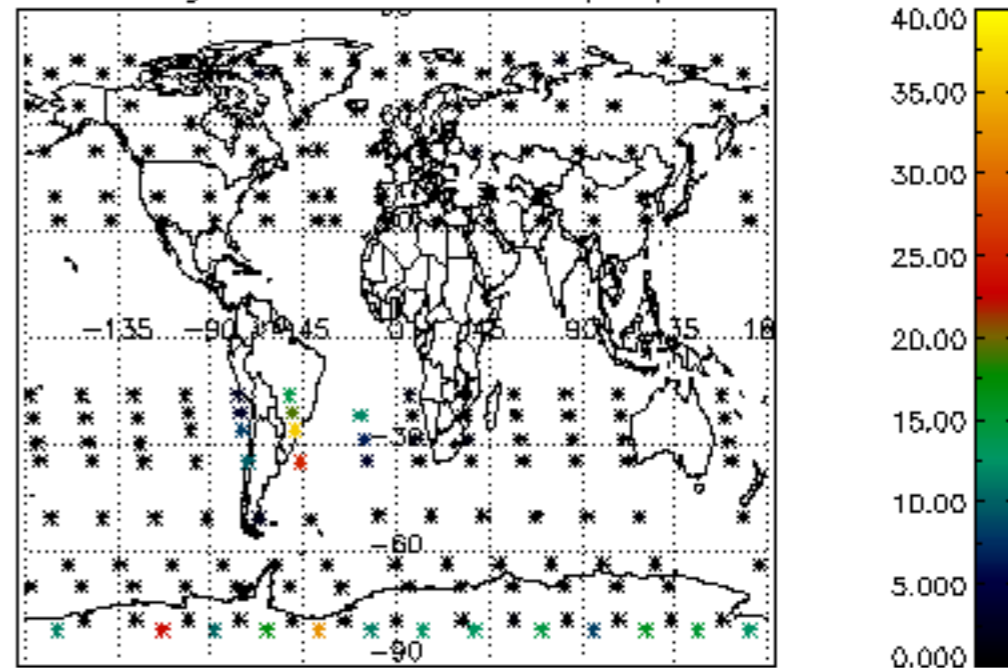
Percentage of datation errors per profile



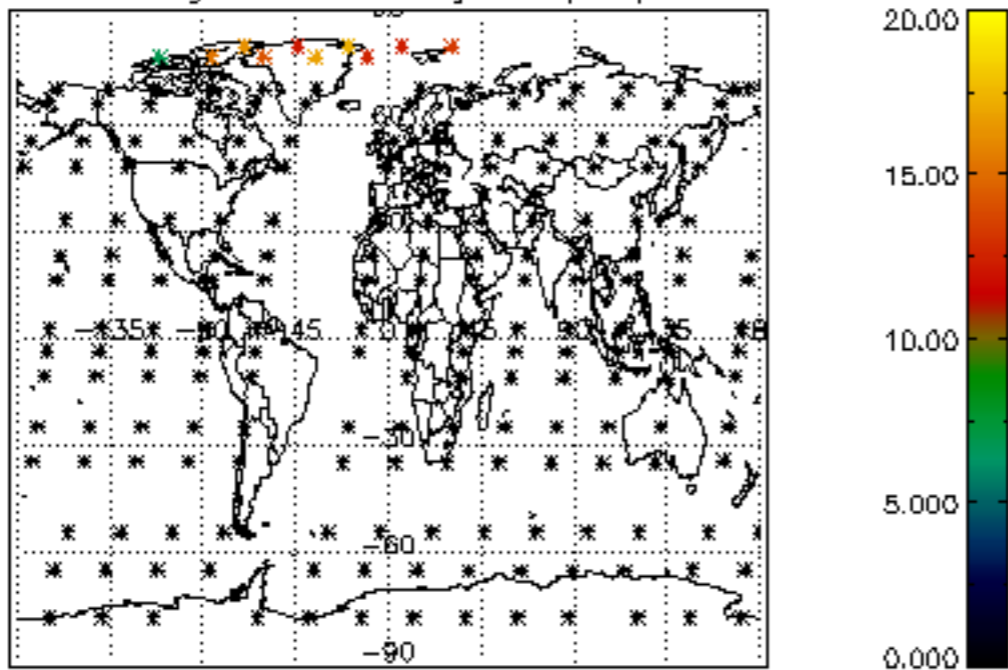
Percentage of star falling outside central band per profile



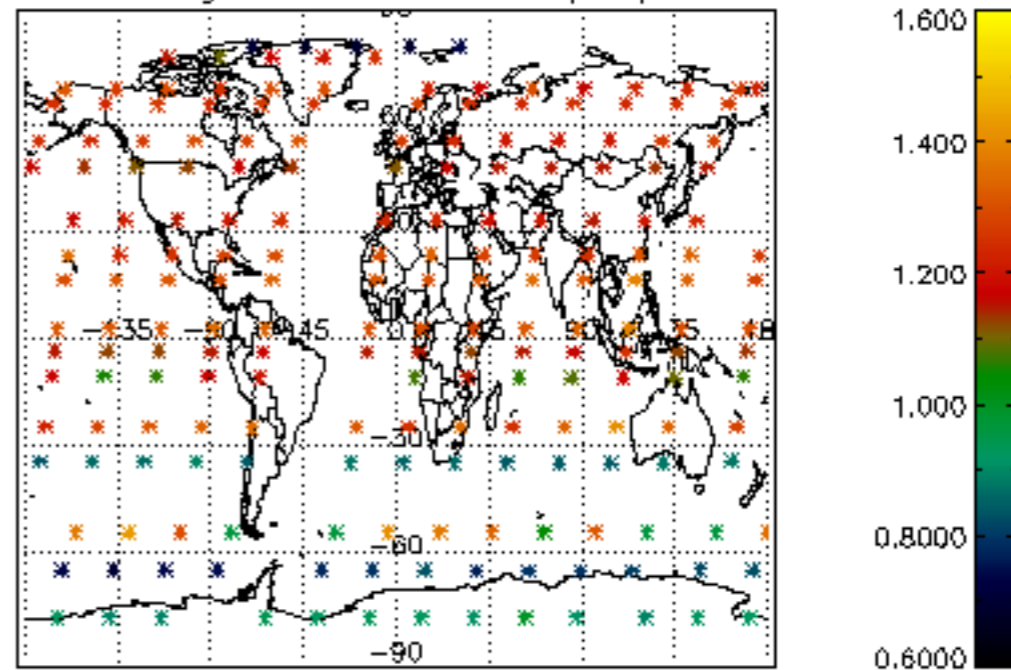
Percentage of saturation errors per profile



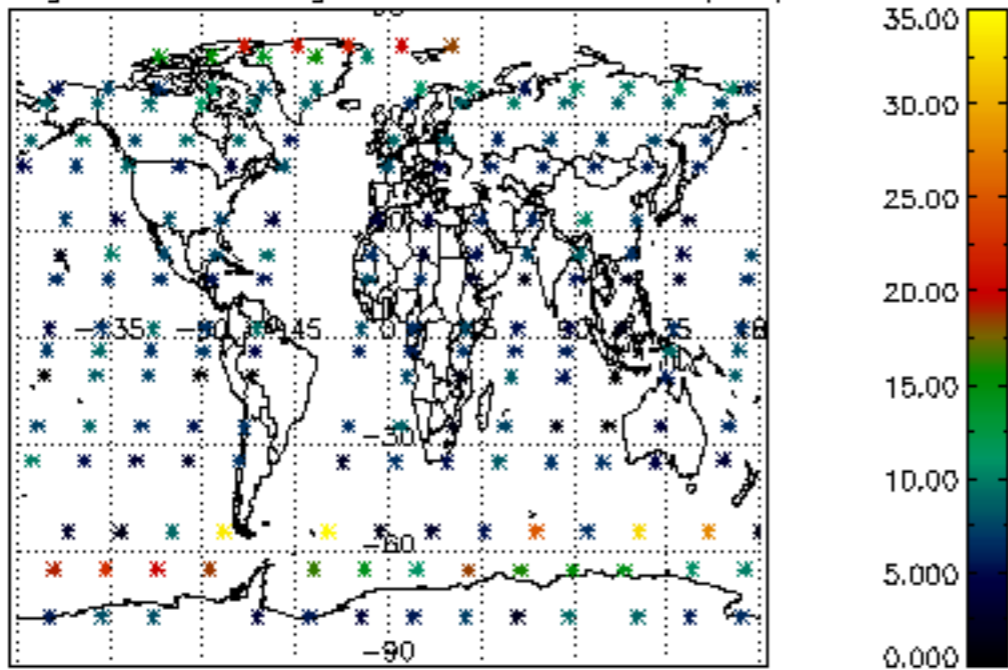
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

