

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 09:17:36 |
| Data source version | GOMOS/6.01 |
| Start time of products | 11-02-2003 (11FEB2003 00:00:00) |
| Stop time of products | 12-02-2003 (12FEB2003 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 437 |
| Nb of prods with errors | 0 |

2. Summary of processed GOM_NL__2P products.

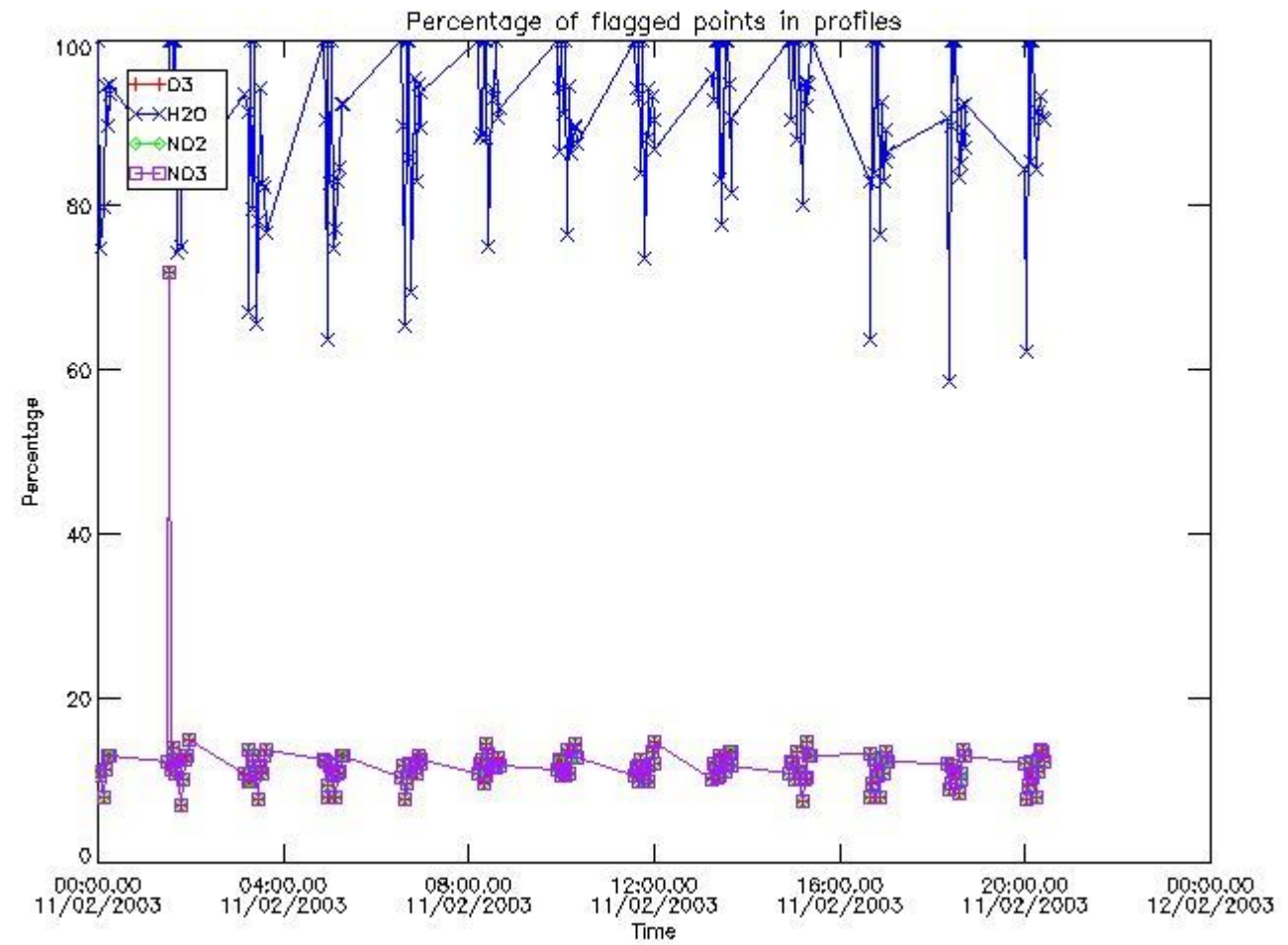
| Nr | Filename | UTC Start time | Limb | Duration | Star Id | Star Name | Star Mag | Star Temp | Nb Meas | Orbit | Prod. error |
|----|--|----------------------|------------|----------|---------|-----------|----------|-----------|---------|-------|-------------|
| 1 | GOM_NL__2PRFIN20030211_000019_000000462013_00403_04966_5508.N1 | 11-FEB-2003 00:00:19 | Dark | 46.000 | 131 | Gam Lup | 2.8000 | 26000. | 92 | 4966 | No |
| 2 | GOM_NL__2PRFIN20030211_000233_000000482013_00403_04966_5509.N1 | 11-FEB-2003 00:02:33 | Dark | 48.000 | 43 | Alp TrA | 1.9100 | 4250.0 | 96 | 4966 | No |
| 3 | GOM_NL__2PRFIN20030211_000634_000000702013_00403_04966_5510.N1 | 11-FEB-2003 00:06:34 | Dark | 70.000 | 54 | 5The Cen | 2.0550 | 4500.0 | 140 | 4966 | No |
| 4 | GOM_NL__2PRFIN20030211_000915_000000452013_00403_04966_5511.N1 | 11-FEB-2003 00:09:15 | Dark | 45.000 | 12 | Alp1Cru | 0.77500 | 30000. | 90 | 4966 | No |
| 5 | GOM_NL__2PRFIN20030211_001203_000000392013_00403_04966_5512.N1 | 11-FEB-2003 00:12:03 | Dark | 39.000 | 29 | Bet Car | 1.6720 | 10200. | 78 | 4966 | No |
| 6 | GOM_NL__2PRFIN20030211_001436_000000402013_00403_04966_5513.N1 | 11-FEB-2003 00:14:36 | Dark | 39.500 | 71 | lot Car | 2.2460 | 7700.0 | 79 | 4966 | No |
| 7 | GOM_NL__2PRFIN20030211_001616_000000392013_00403_04966_5514.N1 | 11-FEB-2003 00:16:16 | Dark | 39.000 | 46 | Del Vel | 1.9540 | 10600. | 78 | 4966 | No |
| 8 | GOM_NL__2PRFIN20030211_001842_000000422013_00403_04966_5515.N1 | 11-FEB-2003 00:18:42 | Straylight | 42.000 | 34 | Gam2Vel | 1.7930 | 23000. | 84 | 4966 | No |
| 9 | GOM_NL__2PRFIN20030211_002107_000000952013_00403_04966_5516.N1 | 11-FEB-2003 00:21:07 | Straylight | 94.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 189 | 4966 | No |
| 10 | GOM_NL__2PRFIN20030211_002431_000001282013_00403_04966_5517.N1 | 11-FEB-2003 00:24:31 | Straylight | 127.50 | 100 | 4Gam Crv | 2.5800 | 13100. | 255 | 4966 | No |
| 11 | GOM_NL__2PRFIN20030211_002910_000000602013_00403_04966_5518.N1 | 11-FEB-2003 00:29:10 | Straylight | 60.000 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 120 | 4966 | No |
| 12 | GOM_NL__2PRFIN20030211_003333_000000512013_00403_04966_5519.N1 | 11-FEB-2003 00:33:33 | Bright | 50.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 101 | 4966 | No |
| 13 | GOM_NL__2PRFIN20030211_003722_000000392013_00403_04966_5520.N1 | 11-FEB-2003 00:37:22 | Bright | 38.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 77 | 4966 | No |
| 14 | GOM_NL__2PRFIN20030211_003956_000000392013_00403_04966_5521.N1 | 11-FEB-2003 00:39:56 | Bright | 38.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 77 | 4966 | No |
| 15 | GOM_NL__2PRFIN20030211_004343_000000382013_00403_04966_5522.N1 | 11-FEB-2003 00:43:43 | Bright | 38.000 | 107 | 37The Aur | 2.6490 | 11000. | 76 | 4966 | No |
| 16 | GOM_NL__2PRFIN20030211_004542_000000382013_00403_04966_5523.N1 | 11-FEB-2003 00:45:42 | Bright | 38.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 76 | 4966 | No |
| 17 | GOM_NL__2PRFIN20030211_005107_000000582013_00403_04966_5524.N1 | 11-FEB-2003 00:51:07 | Bright | 58.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 116 | 4966 | No |
| 18 | GOM_NL__2PRFIN20030211_005327_000000462013_00403_04966_5525.N1 | 11-FEB-2003 00:53:27 | Bright | 45.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 91 | 4966 | No |
| 19 | GOM_NL__2PRFIN20030211_005502_000000522013_00403_04966_5526.N1 | 11-FEB-2003 00:55:02 | Bright | 51.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 103 | 4966 | No |
| 20 | GOM_NL__2PRFIN20030211_005721_000000352013_00403_04966_5527.N1 | 11-FEB-2003 00:57:21 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 4966 | No |
| 21 | GOM_NL__2PRFIN20030211_005947_000000422013_00403_04966_5528.N1 | 11-FEB-2003 00:59:47 | Bright | 41.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 83 | 4966 | No |
| 22 | GOM_NL__2PRFIN20030211_010404_000000362013_00403_04966_5529.N1 | 11-FEB-2003 01:04:04 | Bright | 35.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 71 | 4966 | No |
| 23 | GOM_NL__2PRFIN20030211_010812_000000412013_00403_04966_5530.N1 | 11-FEB-2003 01:08:12 | Bright | 40.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 81 | 4966 | No |
| 24 | GOM_NL__2PRFIN20030211_010954_000000352013_00403_04966_5531.N1 | 11-FEB-2003 01:09:54 | Bright | 34.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 69 | 4966 | No |
| 25 | GOM_NL__2PRFIN20030211_011213_000000372013_00403_04966_5532.N1 | 11-FEB-2003 01:12:13 | Bright | 37.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 74 | 4966 | No |
| 26 | GOM_NL__2PRFIN20030211_011517_000000522013_00403_04966_5533.N1 | 11-FEB-2003 01:15:17 | Bright | 51.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 103 | 4966 | No |
| 27 | GOM_NL__2PRFIN20030211_011851_000000842013_00403_04966_5534.N1 | 11-FEB-2003 01:18:51 | Bright | 84.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 168 | 4966 | No |
| 28 | GOM_NL__2PRFIN20030211_012208_000002552013_00403_04966_5535.N1 | 11-FEB-2003 01:22:08 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4966 | No |
| 29 | GOM_NL__2PRFIN20030211_013010_000000462013_00403_04966_5536.N1 | 11-FEB-2003 01:30:10 | Dark | 46.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 92 | 4966 | No |
| 30 | GOM_NL__2PRFIN20030211_013252_000000432013_00403_04966_5537.N1 | 11-FEB-2003 01:32:52 | Dark | 43.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 86 | 4966 | No |
| 31 | GOM_NL__2PRFIN20030211_013458_000000542013_00403_04966_5538.N1 | 11-FEB-2003 01:34:58 | Dark | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 4966 | No |
| 32 | GOM_NL__2PRFIN20030211_013654_000000512013_00403_04966_5539.N1 | 11-FEB-2003 01:36:54 | Dark | 51.000 | 158 | 6Pi Sco | 2.9060 | 28000. | 102 | 4966 | No |
| 33 | GOM_NL__2PRFIN20030211_013926_000000442013_00403_04966_5540.N1 | 11-FEB-2003 01:39:26 | Dark | 43.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 87 | 4966 | No |
| 34 | GOM_NL__2PRFIN20030211_014055_000000472013_00404_04967_5472.N1 | 11-FEB-2003 01:40:55 | Dark | 47.000 | 131 | Gam Lup | 2.8000 | 26000. | 94 | 4967 | No |
| 35 | GOM_NL__2PRFIN20030211_014309_000000412013_00404_04967_5473.N1 | 11-FEB-2003 01:43:09 | Dark | 41.000 | 43 | Alp TrA | 1.9100 | 4250.0 | 82 | 4967 | No |
| 36 | GOM_NL__2PRFIN20030211_014712_000000732013_00404_04967_5474.N1 | 11-FEB-2003 01:47:12 | Dark | 72.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 145 | 4967 | No |
| 37 | GOM_NL__2PRFIN20030211_014951_000000502013_00404_04967_5475.N1 | 11-FEB-2003 01:49:51 | Dark | 50.000 | 12 | Alp1Cru | 0.77500 | 30000. | 100 | 4967 | No |
| 38 | GOM_NL__2PRFIN20030211_015239_000000412013_00404_04967_5476.N1 | 11-FEB-2003 01:52:39 | Dark | 40.500 | 29 | Bet Car | 1.6720 | 10200. | 81 | 4967 | No |
| 39 | GOM_NL__2PRFIN20030211_015512_000000392013_00404_04967_5477.N1 | 11-FEB-2003 01:55:12 | Dark | 39.000 | 71 | lot Car | 2.2460 | 7700.0 | 78 | 4967 | No |
| 40 | GOM_NL__2PRFIN20030211_015652_000000382013_00404_04967_5478.N1 | 11-FEB-2003 01:56:52 | Dark | 37.500 | 46 | Del Vel | 1.9540 | 10600. | 75 | 4967 | No |
| 41 | GOM_NL__2PRFIN20030211_015918_000000402013_00404_04967_5479.N1 | 11-FEB-2003 01:59:18 | Straylight | 39.500 | 34 | Gam2Vel | 1.7930 | 23000. | 79 | 4967 | No |
| 42 | GOM_NL__2PRFIN20030211_020144_000000972013_00404_04967_5480.N1 | 11-FEB-2003 02:01:44 | Straylight | 96.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 193 | 4967 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|------|----|
| 397 | GOM_NL__2PRFIN20030211_193631_000000362013_00414_04977_5319.N1 | 11-FEB-2003 19:36:31 | Bright | 36.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 72 | 4977 | No |
| 398 | GOM_NL__2PRFIN20030211_193849_000000362013_00414_04977_5320.N1 | 11-FEB-2003 19:38:49 | Bright | 35.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 71 | 4977 | No |
| 399 | GOM_NL__2PRFIN20030211_194154_000000542013_00414_04977_5321.N1 | 11-FEB-2003 19:41:54 | Bright | 53.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 107 | 4977 | No |
| 400 | GOM_NL__2PRFIN20030211_194533_000000952013_00414_04977_5322.N1 | 11-FEB-2003 19:45:33 | Twilight | 95.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 190 | 4977 | No |
| 401 | GOM_NL__2PRFIN20030211_194916_000002552013_00414_04977_5323.N1 | 11-FEB-2003 19:49:16 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4977 | No |
| 402 | GOM_NL__2PRFIN20030211_195649_000000402013_00414_04977_5324.N1 | 11-FEB-2003 19:56:49 | Twilight | 40.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 80 | 4977 | No |
| 403 | GOM_NL__2PRFIN20030211_195930_000000422013_00414_04977_5325.N1 | 11-FEB-2003 19:59:30 | Dark | 42.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 84 | 4977 | No |
| 404 | GOM_NL__2PRFIN20030211_200144_000000672013_00414_04977_5326.N1 | 11-FEB-2003 20:01:44 | Dark | 66.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 133 | 4977 | No |
| 405 | GOM_NL__2PRFIN20030211_200342_000000542013_00414_04977_5327.N1 | 11-FEB-2003 20:03:42 | Dark | 54.000 | 158 | 6Pi Sco | 2.9060 | 28000. | 108 | 4977 | No |
| 406 | GOM_NL__2PRFIN20030211_200605_000000422013_00414_04977_5328.N1 | 11-FEB-2003 20:06:05 | Dark | 41.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 83 | 4977 | No |
| 407 | GOM_NL__2PRFIN20030211_200741_000000472013_00415_04978_5294.N1 | 11-FEB-2003 20:07:41 | Dark | 46.500 | 131 | Gam Lup | 2.8000 | 26000. | 93 | 4978 | No |
| 408 | GOM_NL__2PRFIN20030211_201009_000000502013_00415_04978_5295.N1 | 11-FEB-2003 20:10:09 | Dark | 49.500 | 109 | Bet Lup | 2.6770 | 26000. | 99 | 4978 | No |
| 409 | GOM_NL__2PRFIN20030211_201402_000000652013_00415_04978_5296.N1 | 11-FEB-2003 20:14:02 | Dark | 64.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 129 | 4978 | No |
| 410 | GOM_NL__2PRFIN20030211_201632_000000412013_00415_04978_5297.N1 | 11-FEB-2003 20:16:32 | Dark | 41.000 | 12 | Alp1Cru | 0.77500 | 30000. | 82 | 4978 | No |
| 411 | GOM_NL__2PRFIN20030211_201755_000000462013_00415_04978_5298.N1 | 11-FEB-2003 20:17:55 | Dark | 46.000 | 64 | Gam Cen | 2.2000 | 10600. | 92 | 4978 | No |
| 412 | GOM_NL__2PRFIN20030211_201956_000000372013_00415_04978_5299.N1 | 11-FEB-2003 20:19:56 | Dark | 37.000 | 159 | Ups Car | 2.9200 | 7200.0 | 74 | 4978 | No |
| 413 | GOM_NL__2PRFIN20030211_202150_000000382013_00415_04978_5300.N1 | 11-FEB-2003 20:21:50 | Dark | 38.000 | 71 | lot Car | 2.2460 | 7700.0 | 76 | 4978 | No |
| 414 | GOM_NL__2PRFIN20030211_202329_000000422013_00415_04978_5301.N1 | 11-FEB-2003 20:23:29 | Dark | 41.500 | 46 | Del Vel | 1.9540 | 10600. | 83 | 4978 | No |
| 415 | GOM_NL__2PRFIN20030211_202610_000000462013_00415_04978_5302.N1 | 11-FEB-2003 20:26:10 | Straylight | 46.000 | 65 | Lam Vel | 2.2040 | 4400.0 | 92 | 4978 | No |
| 416 | GOM_NL__2PRFIN20030211_202759_000000392013_00415_04978_5303.N1 | 11-FEB-2003 20:27:59 | Straylight | 38.500 | 70 | Zet Pup | 2.2460 | 39000. | 77 | 4978 | No |
| 417 | GOM_NL__2PRFIN20030211_202914_000000432013_00415_04978_5304.N1 | 11-FEB-2003 20:29:14 | Straylight | 43.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 86 | 4978 | No |
| 418 | GOM_NL__2PRFIN20030211_203217_000000402013_00415_04978_5305.N1 | 11-FEB-2003 20:32:17 | Straylight | 39.500 | 132 | 15Rho Pup | 2.8030 | 6900.0 | 79 | 4978 | No |
| 419 | GOM_NL__2PRFIN20030211_203621_000000552013_00415_04978_5306.N1 | 11-FEB-2003 20:36:21 | Straylight | 54.500 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 109 | 4978 | No |
| 420 | GOM_NL__2PRFIN20030211_204046_000000492013_00415_04978_5307.N1 | 11-FEB-2003 20:40:46 | Bright | 48.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 97 | 4978 | No |
| 421 | GOM_NL__2PRFIN20030211_204436_000000372013_00415_04978_5308.N1 | 11-FEB-2003 20:44:36 | Bright | 37.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 74 | 4978 | No |
| 422 | GOM_NL__2PRFIN20030211_204707_000000402013_00415_04978_5309.N1 | 11-FEB-2003 20:47:07 | Bright | 39.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 79 | 4978 | No |
| 423 | GOM_NL__2PRFIN20030211_205058_000000382013_00415_04978_5310.N1 | 11-FEB-2003 20:50:58 | Bright | 37.500 | 107 | 37The Aur | 2.6490 | 11000. | 75 | 4978 | No |
| 424 | GOM_NL__2PRFIN20030211_205257_000000382013_00415_04978_5311.N1 | 11-FEB-2003 20:52:57 | Bright | 38.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 76 | 4978 | No |
| 425 | GOM_NL__2PRFIN20030211_205804_000000592013_00415_04978_5312.N1 | 11-FEB-2003 20:58:04 | Bright | 58.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 117 | 4978 | No |
| 426 | GOM_NL__2PRFIN20030211_210031_000000442013_00415_04978_5313.N1 | 11-FEB-2003 21:00:31 | Bright | 43.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 87 | 4978 | No |
| 427 | GOM_NL__2PRFIN20030211_210201_000000522013_00415_04978_5314.N1 | 11-FEB-2003 21:02:01 | Bright | 51.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 103 | 4978 | No |
| 428 | GOM_NL__2PRFIN20030211_210432_000000362013_00415_04978_5315.N1 | 11-FEB-2003 21:04:32 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 4978 | No |
| 429 | GOM_NL__2PRFIN20030211_210655_000000422013_00415_04978_5316.N1 | 11-FEB-2003 21:06:55 | Bright | 42.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 84 | 4978 | No |
| 430 | GOM_NL__2PRFIN20030211_211117_000000372013_00415_04978_5317.N1 | 11-FEB-2003 21:11:17 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 4978 | No |
| 431 | GOM_NL__2PRFIN20030211_211521_000000412013_00415_04978_5318.N1 | 11-FEB-2003 21:15:21 | Bright | 40.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 81 | 4978 | No |
| 432 | GOM_NL__2PRFIN20030211_211707_000000342013_00415_04978_5319.N1 | 11-FEB-2003 21:17:07 | Bright | 34.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 68 | 4978 | No |
| 433 | GOM_NL__2PRFIN20030211_211925_000000372013_00415_04978_5320.N1 | 11-FEB-2003 21:19:25 | Bright | 37.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 74 | 4978 | No |
| 434 | GOM_NL__2PRFIN20030211_212231_000000532013_00415_04978_5321.N1 | 11-FEB-2003 21:22:31 | Bright | 53.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 106 | 4978 | No |
| 435 | GOM_NL__2PRFIN20030211_212609_000000902013_00415_04978_5322.N1 | 11-FEB-2003 21:26:09 | Twilight | 90.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 180 | 4978 | No |
| 436 | GOM_NL__2PRFIN20030211_212955_000002552013_00415_04978_5323.N1 | 11-FEB-2003 21:29:55 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4978 | No |
| 437 | GOM_NL__2PRFIN20030211_213725_000000382013_00415_04978_5324.N1 | 11-FEB-2003 21:37:25 | Twilight | 38.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 76 | 4978 | No |

3. Quality information per product

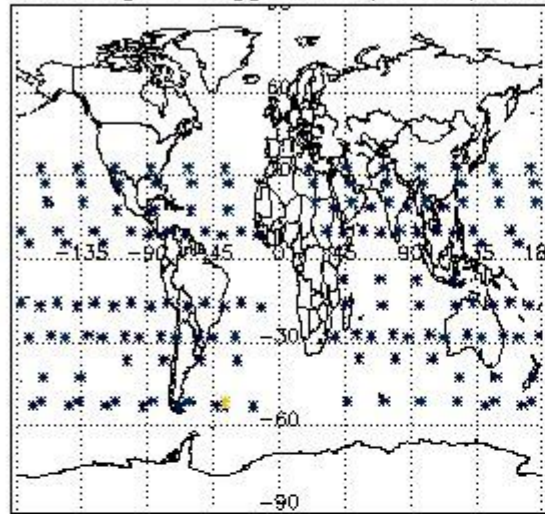
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

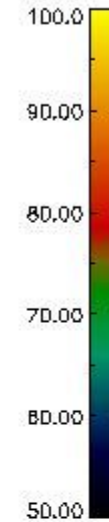
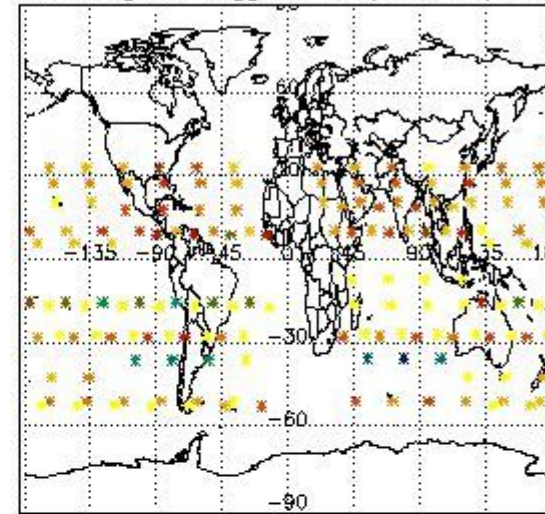


3.2 Plot quality information per product (world map)

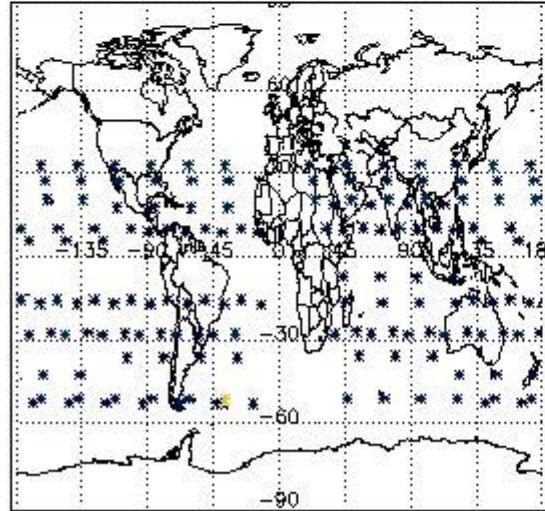
Percentage of flagged data per O3 profile



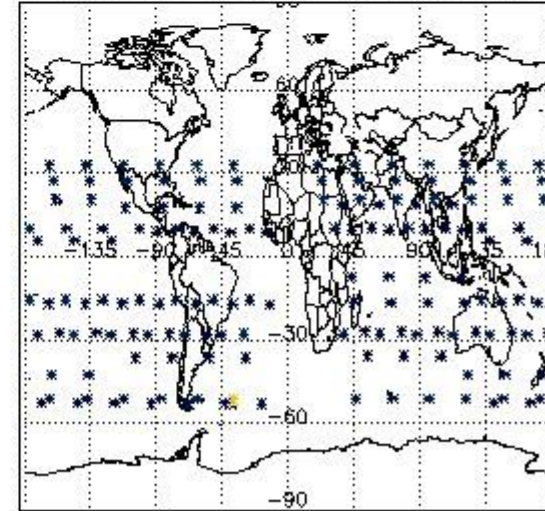
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

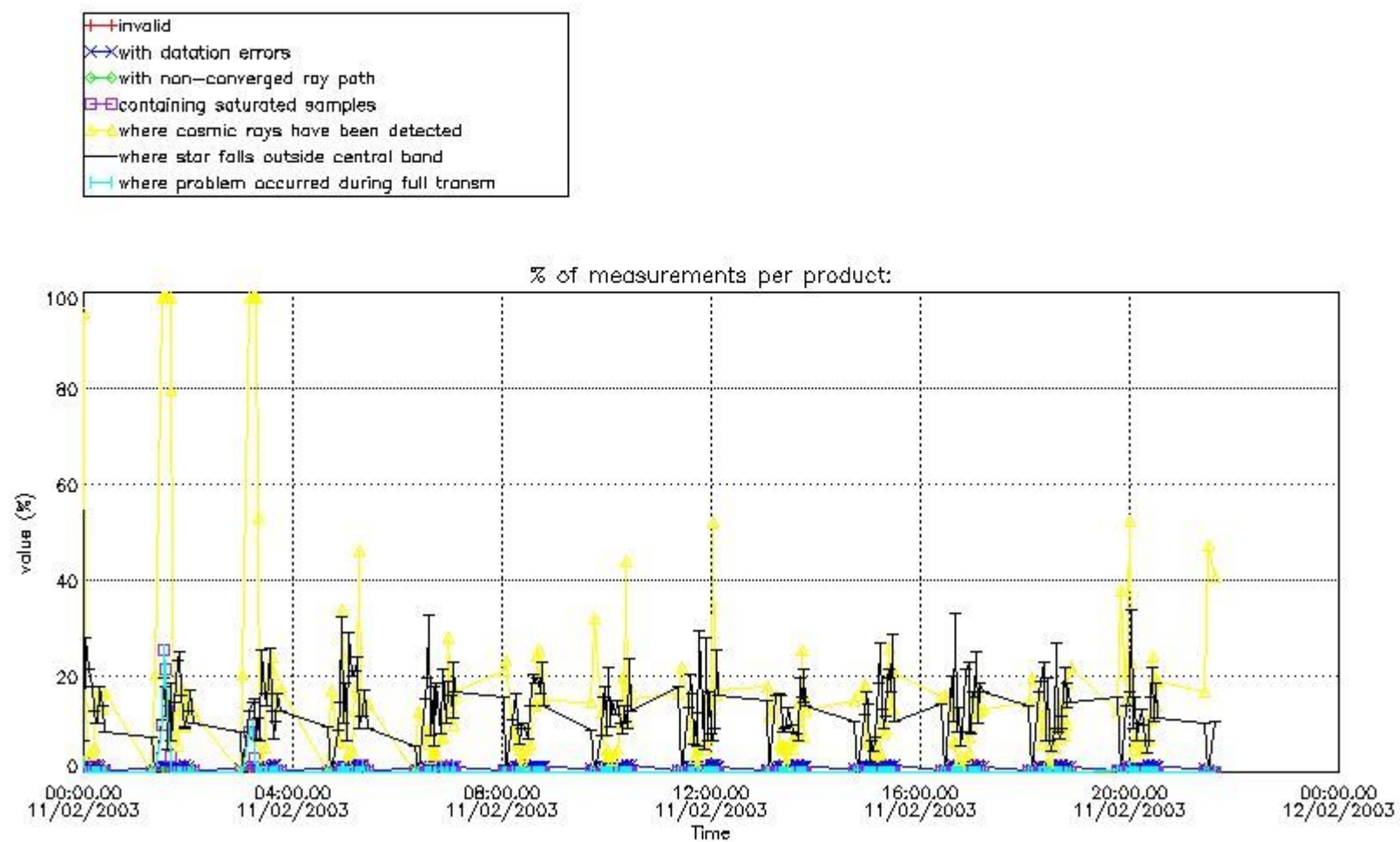


4. Level 1 quality information per product

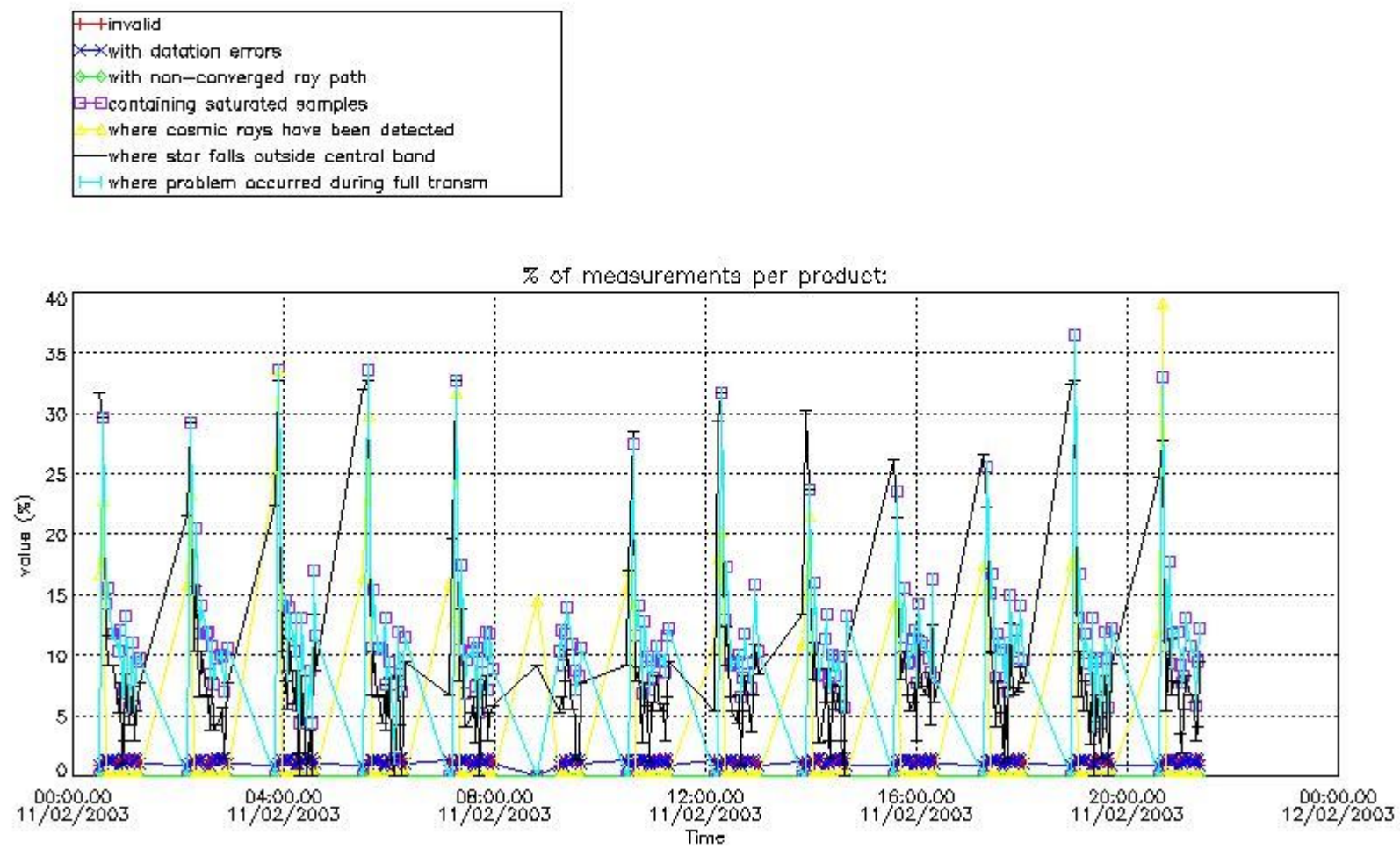
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

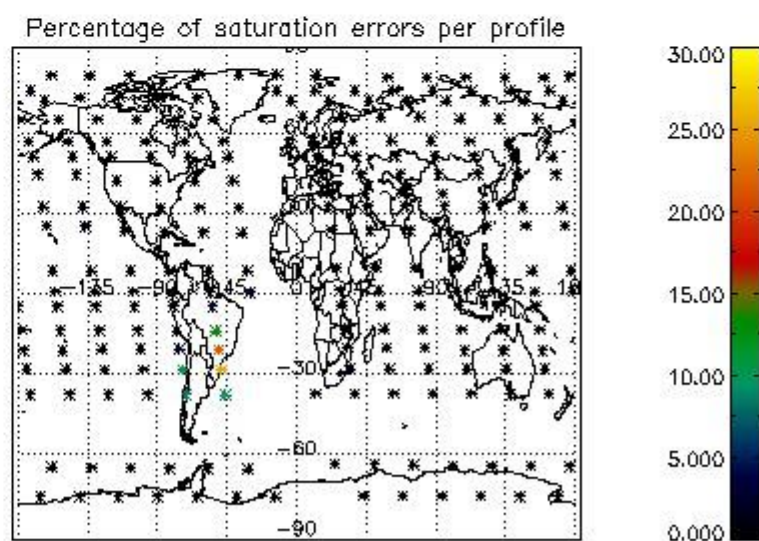
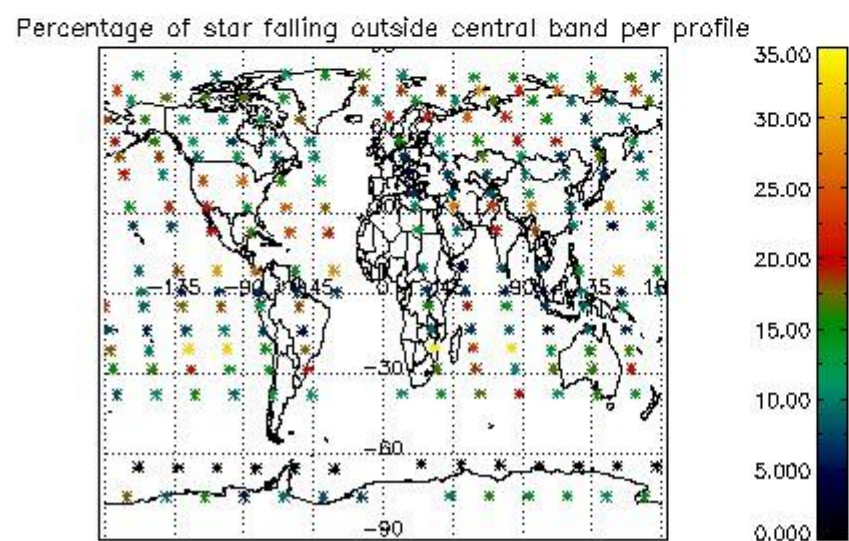
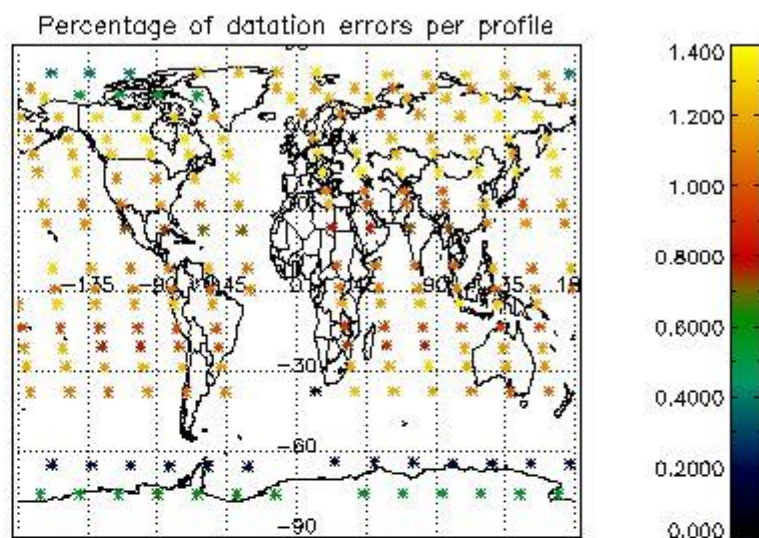
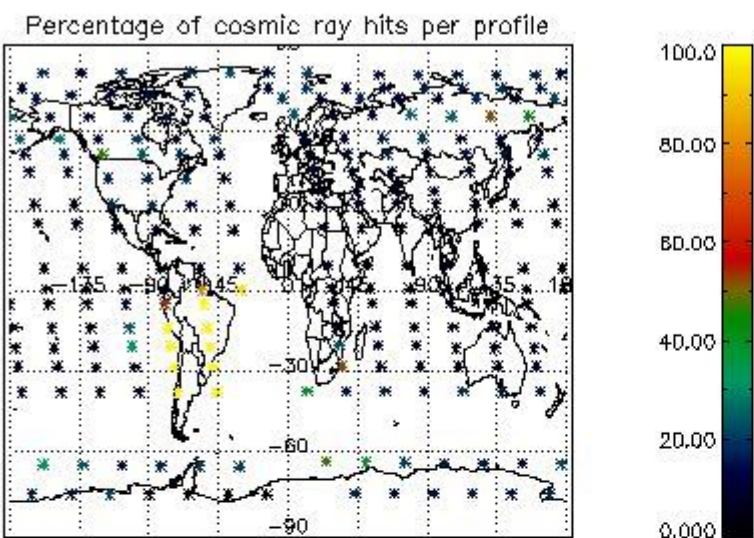


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

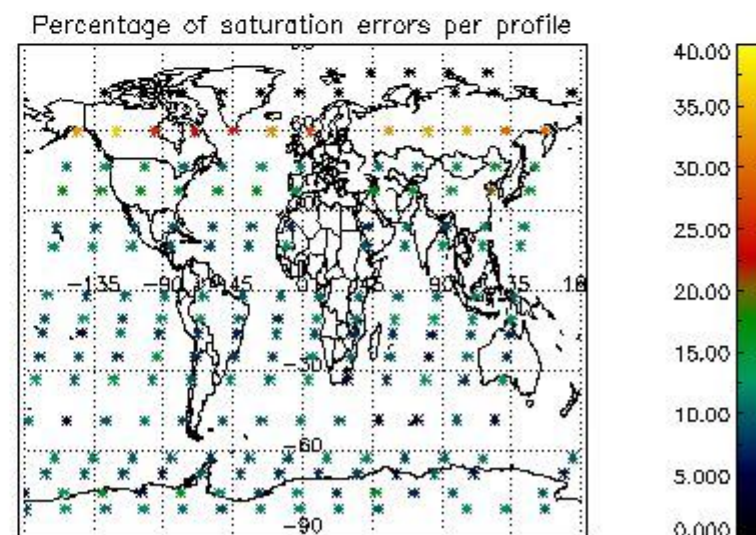
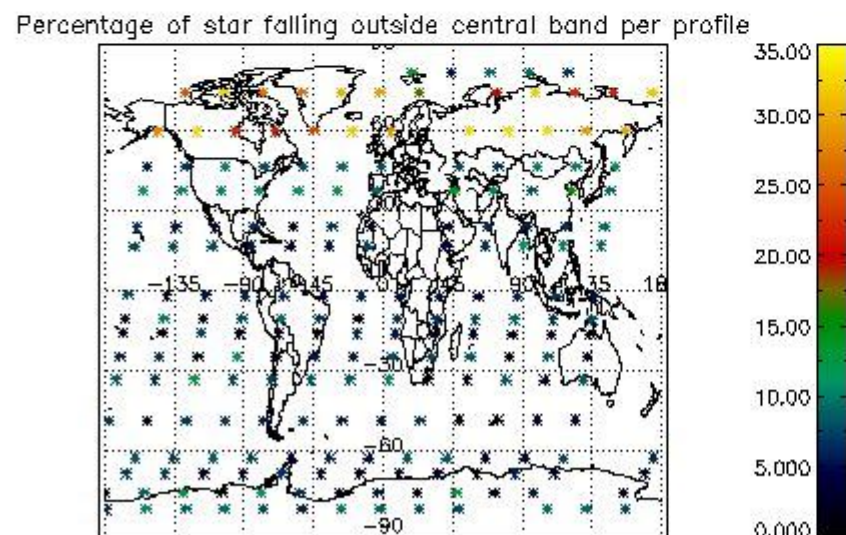
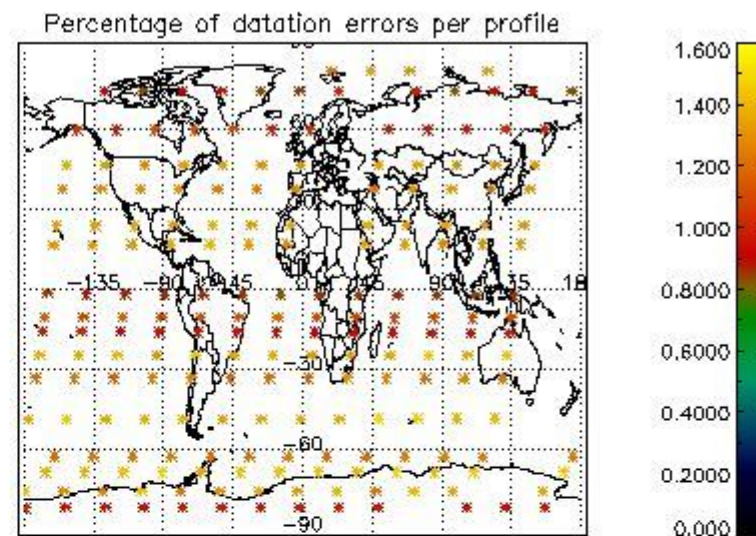
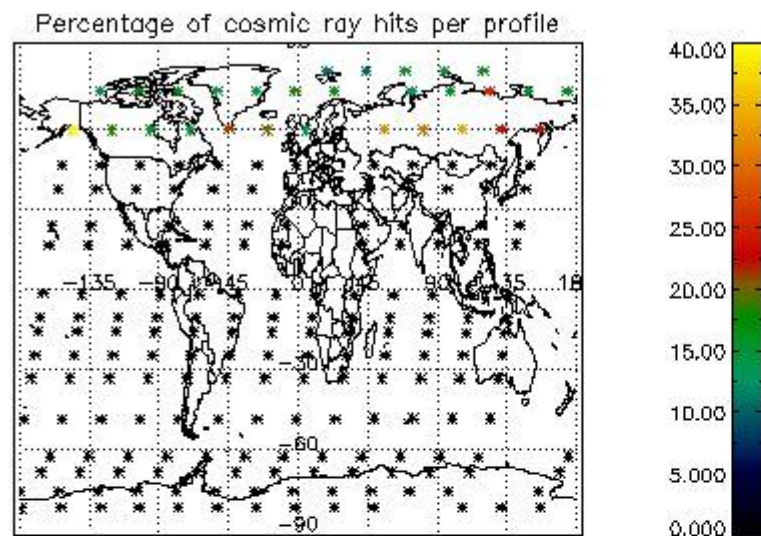


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

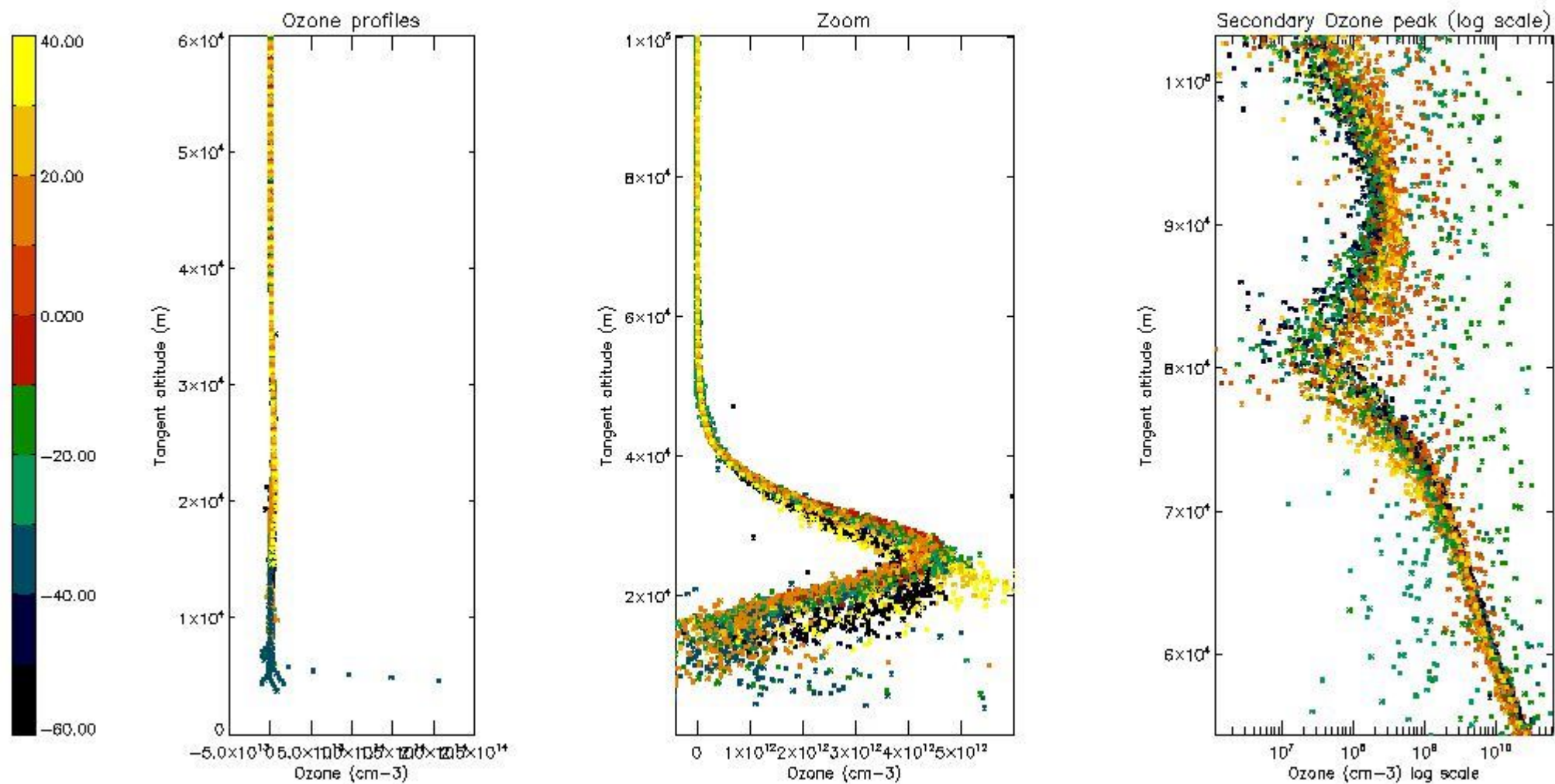
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 30 |
| STD < 20 | 17 |

| | |
|----------|----|
| STD < 10 | 14 |
| STD < 5 | 10 |

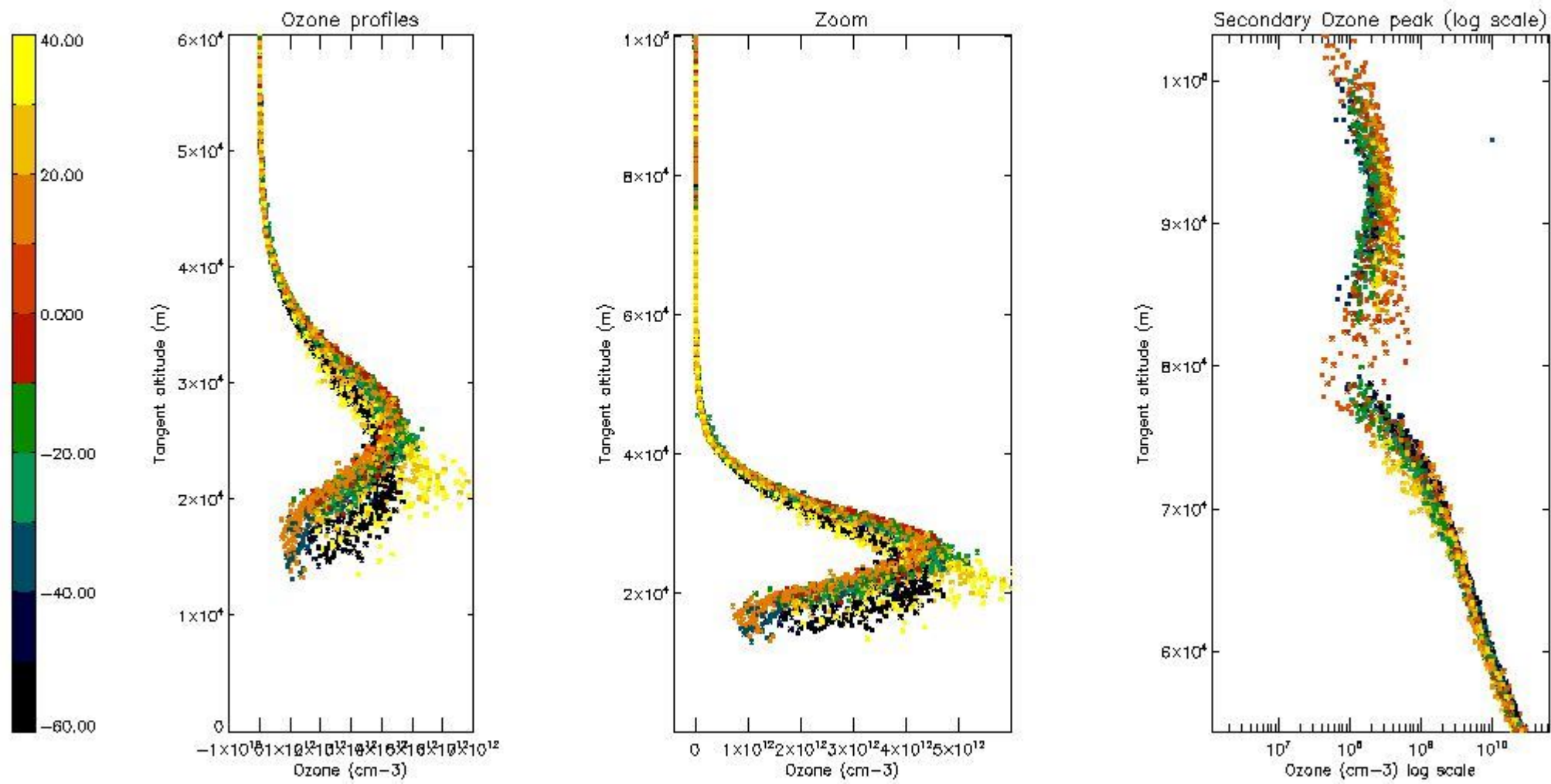
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



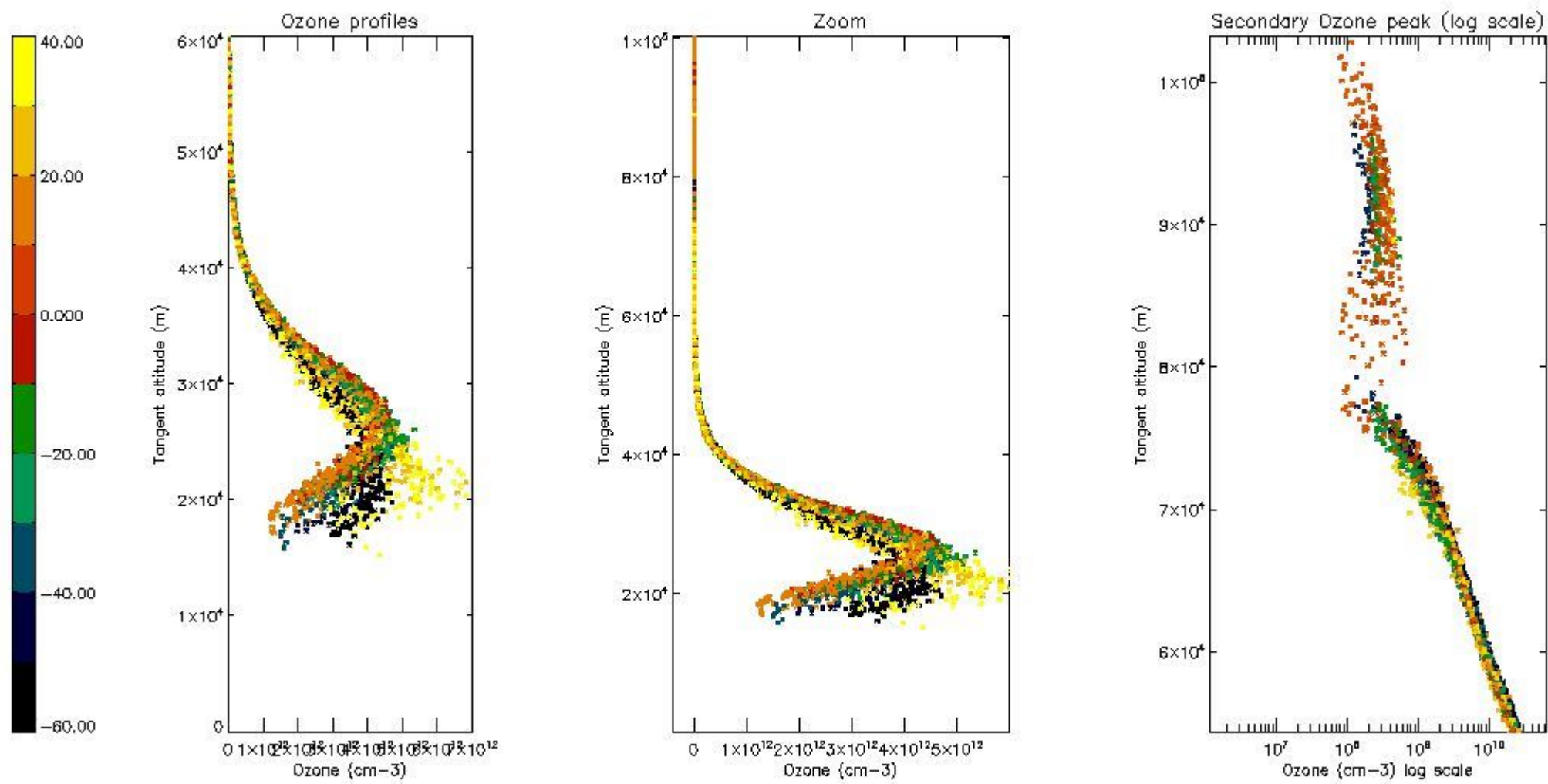
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



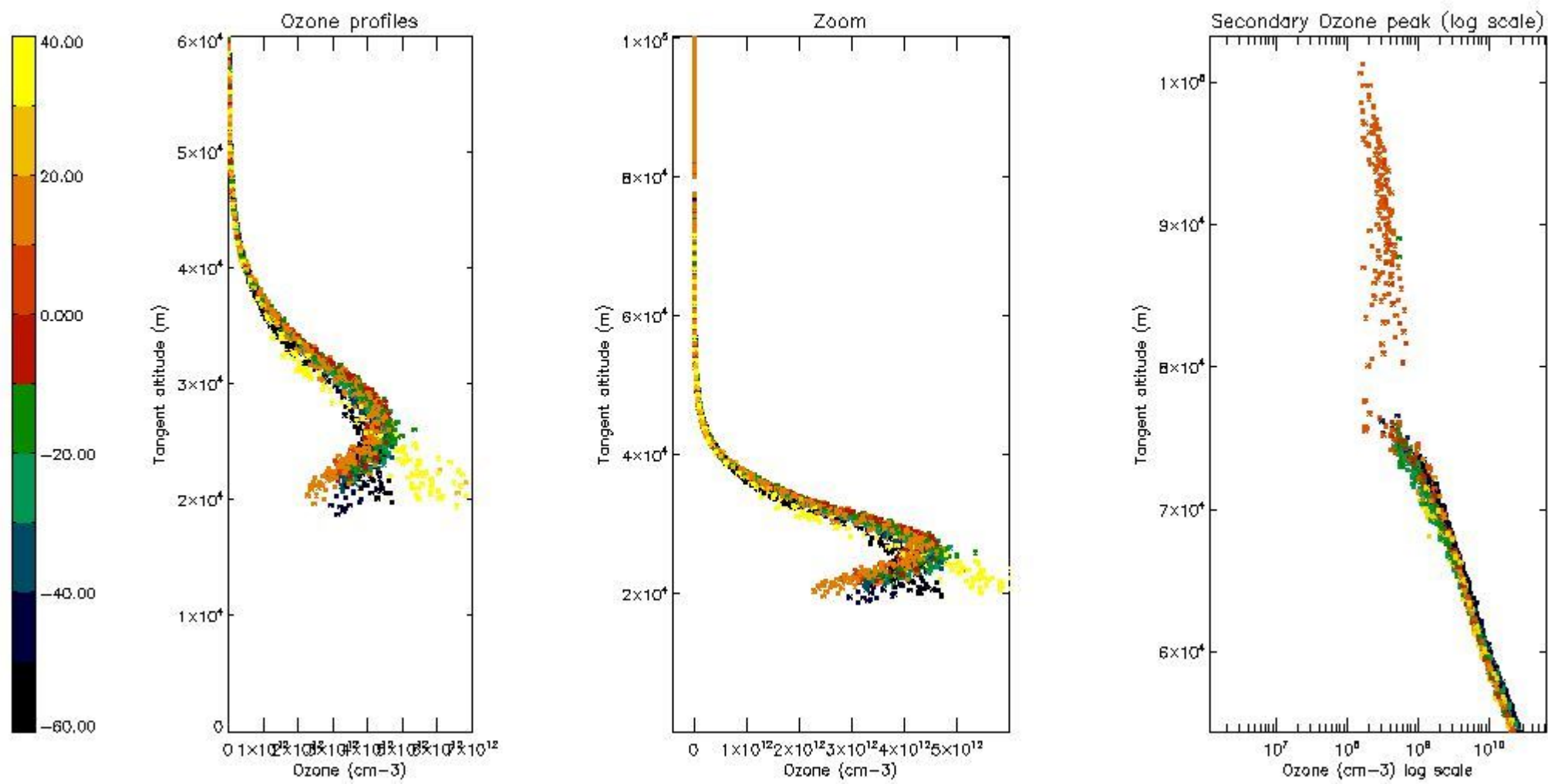
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



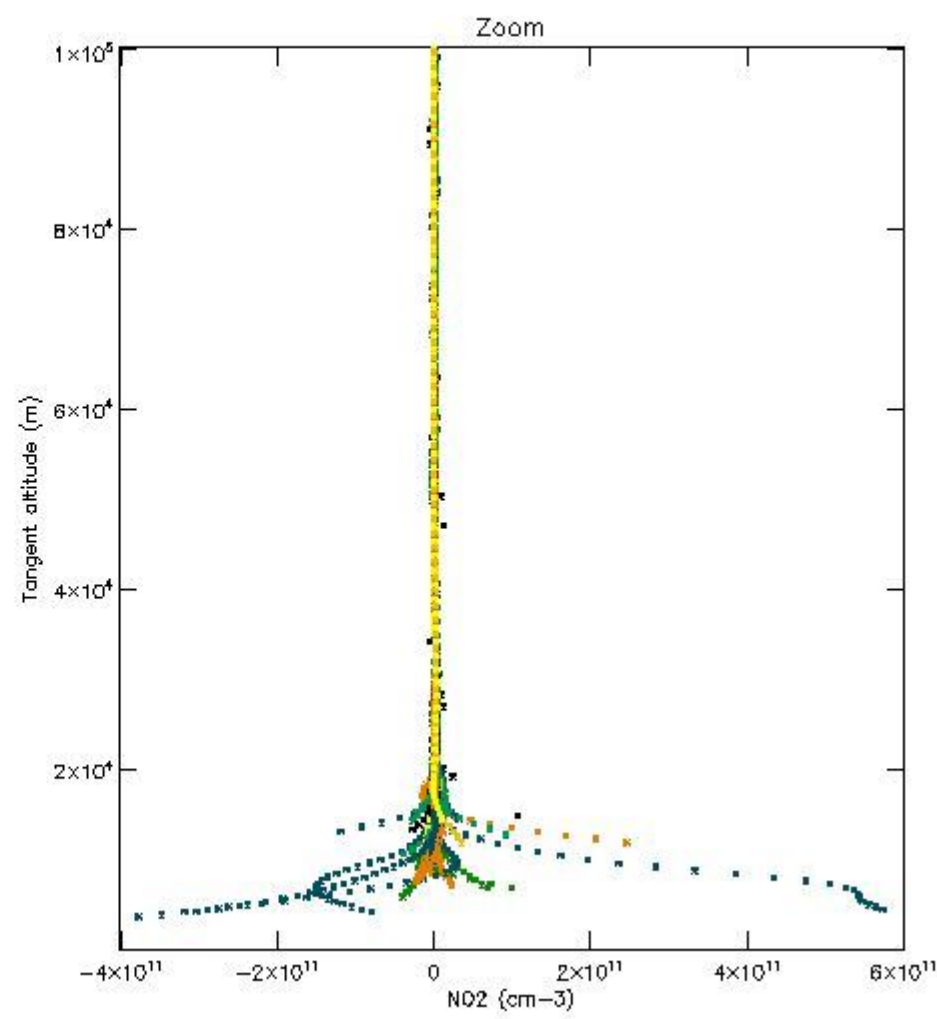
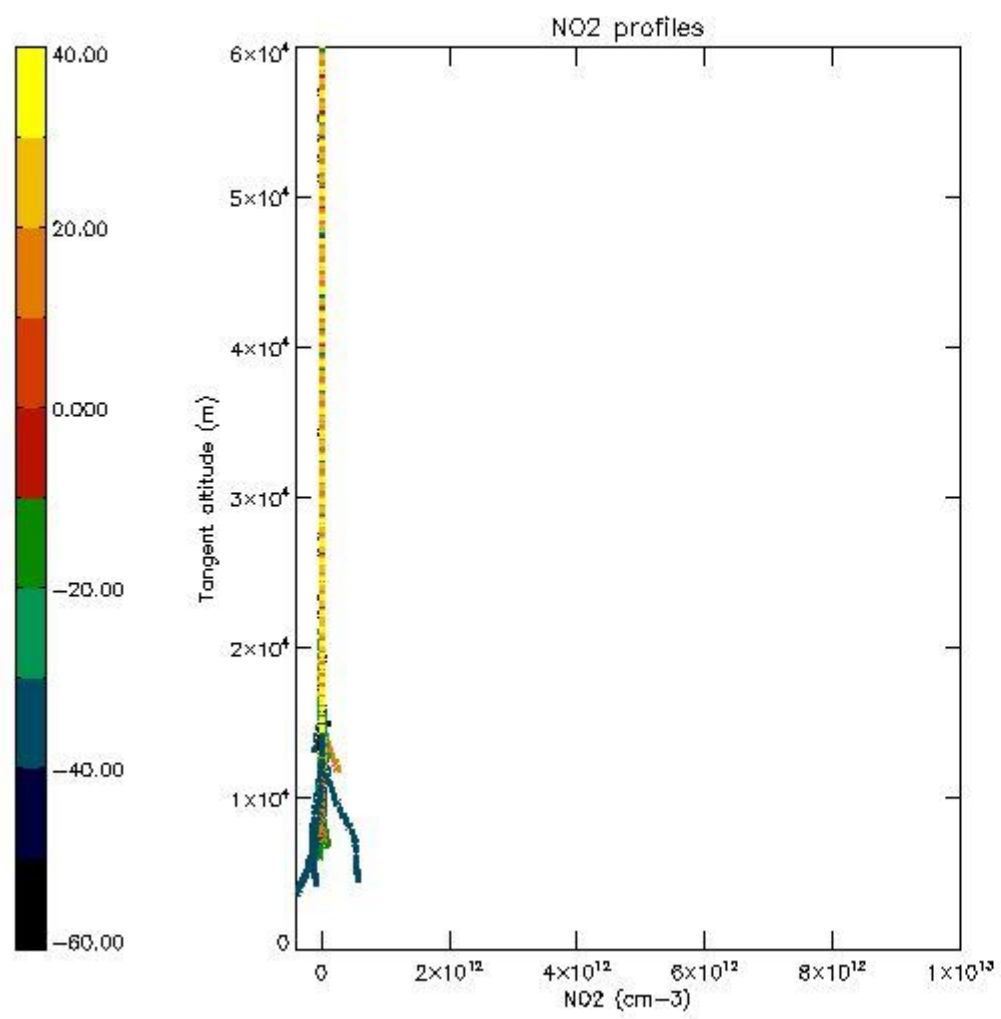
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



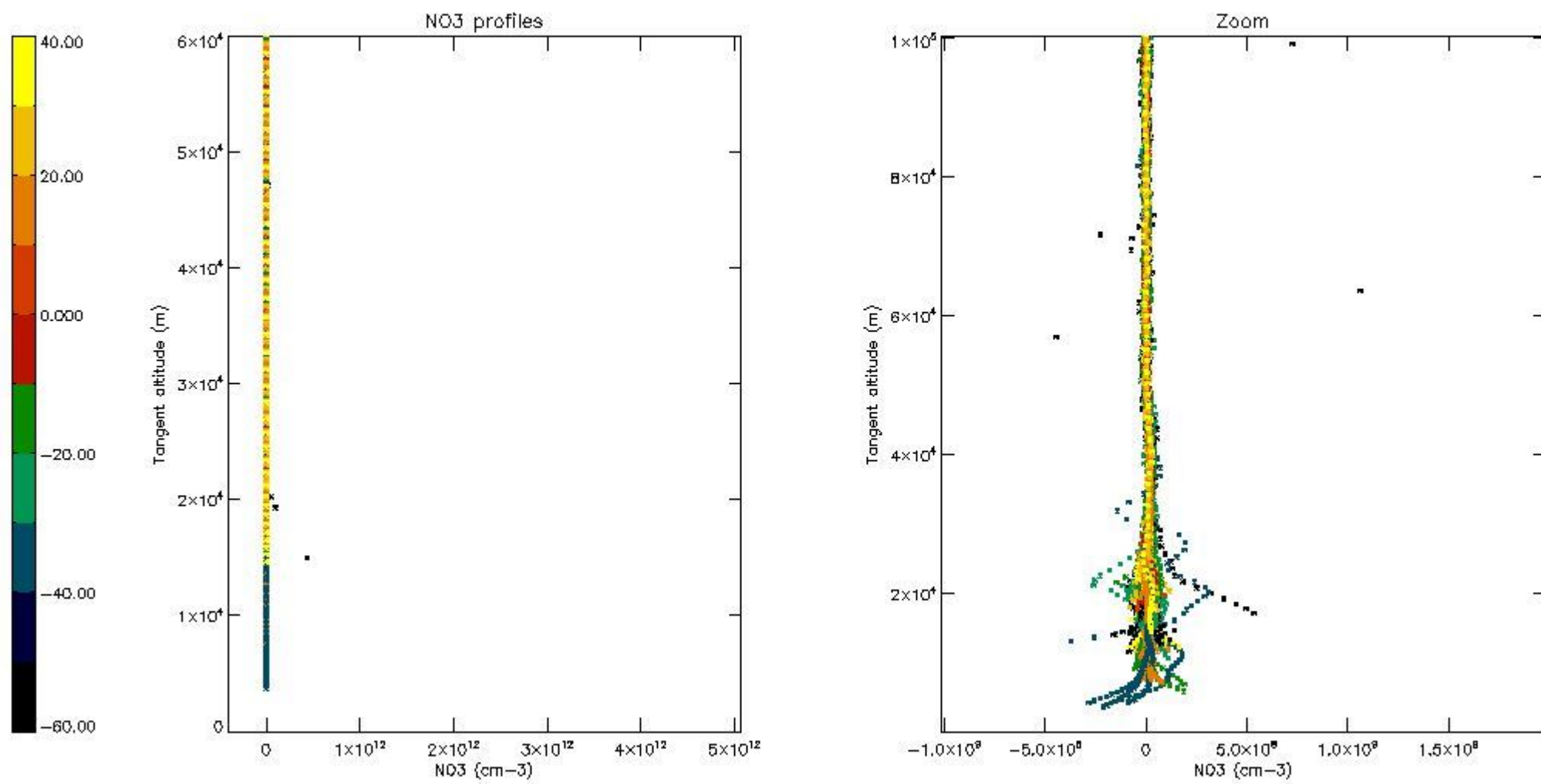
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



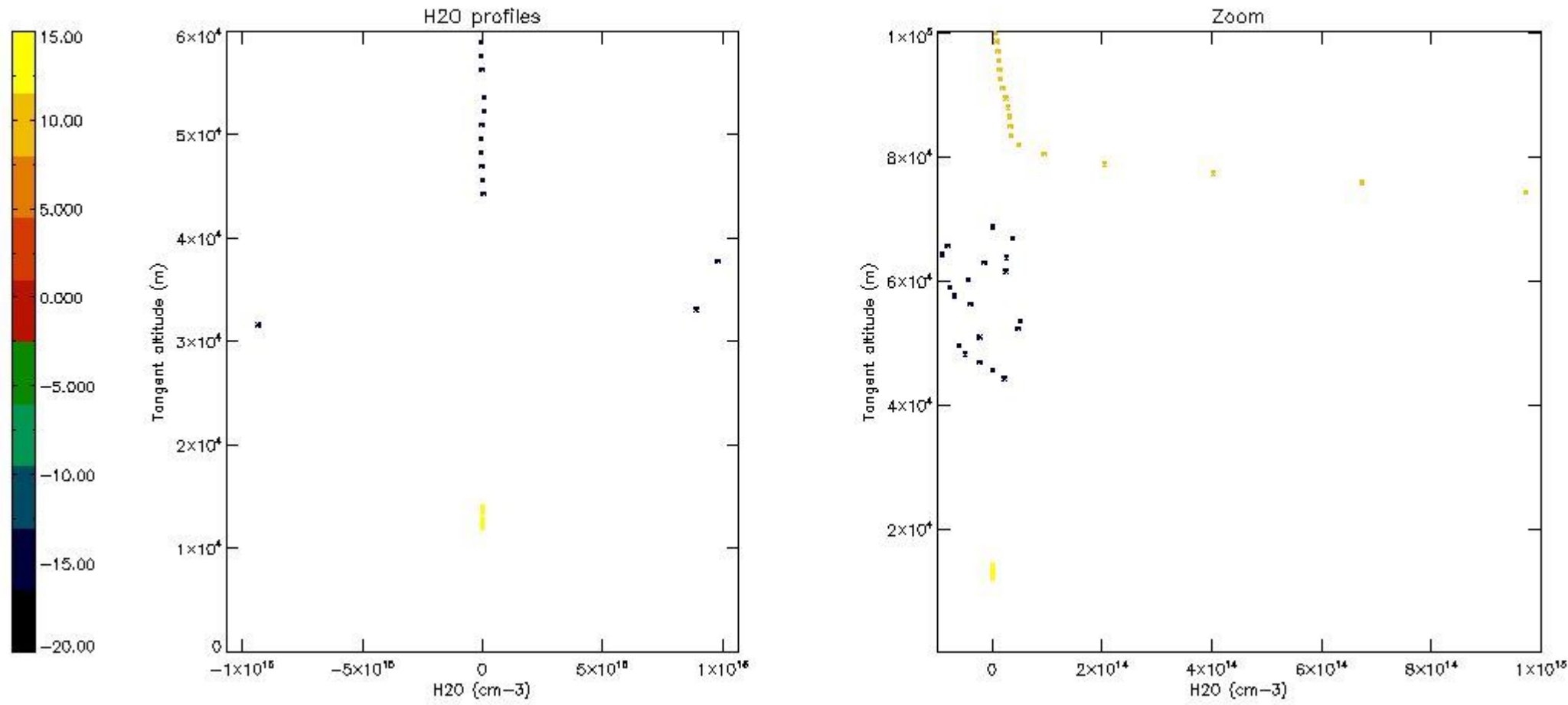
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000 | 1 | 11-FEB-2003 00:00:19 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 11-FEB-2003 00:00:19 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 11-FEB-2003 00:00:19 |

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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[5.4. 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 09:17:36 |
| Data source version | GOMOS/6.01 |
| Start time of products | 11-02-2003 (11FEB2003 00:00:00) |
| Stop time of products | 12-02-2003 (12FEB2003 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 437 |
| Nb of prods with errors | 0 |

2. Summary of processed GOM_NL__2P products.

| Nr | Filename | UTC Start time | Limb | Duration | Star Id | Star Name | Star Mag | Star Temp | Nb Meas | Orbit | Prod. error |
|----|--|----------------------|------------|----------|---------|-----------|----------|-----------|---------|-------|-------------|
| 1 | GOM_NL__2PRFIN20030211_000019_000000462013_00403_04966_5508.N1 | 11-FEB-2003 00:00:19 | Dark | 46.000 | 131 | Gam Lup | 2.8000 | 26000. | 92 | 4966 | No |
| 2 | GOM_NL__2PRFIN20030211_000233_000000482013_00403_04966_5509.N1 | 11-FEB-2003 00:02:33 | Dark | 48.000 | 43 | Alp TrA | 1.9100 | 4250.0 | 96 | 4966 | No |
| 3 | GOM_NL__2PRFIN20030211_000634_000000702013_00403_04966_5510.N1 | 11-FEB-2003 00:06:34 | Dark | 70.000 | 54 | 5The Cen | 2.0550 | 4500.0 | 140 | 4966 | No |
| 4 | GOM_NL__2PRFIN20030211_000915_000000452013_00403_04966_5511.N1 | 11-FEB-2003 00:09:15 | Dark | 45.000 | 12 | Alp1Cru | 0.77500 | 30000. | 90 | 4966 | No |
| 5 | GOM_NL__2PRFIN20030211_001203_000000392013_00403_04966_5512.N1 | 11-FEB-2003 00:12:03 | Dark | 39.000 | 29 | Bet Car | 1.6720 | 10200. | 78 | 4966 | No |
| 6 | GOM_NL__2PRFIN20030211_001436_000000402013_00403_04966_5513.N1 | 11-FEB-2003 00:14:36 | Dark | 39.500 | 71 | lot Car | 2.2460 | 7700.0 | 79 | 4966 | No |
| 7 | GOM_NL__2PRFIN20030211_001616_000000392013_00403_04966_5514.N1 | 11-FEB-2003 00:16:16 | Dark | 39.000 | 46 | Del Vel | 1.9540 | 10600. | 78 | 4966 | No |
| 8 | GOM_NL__2PRFIN20030211_001842_000000422013_00403_04966_5515.N1 | 11-FEB-2003 00:18:42 | Straylight | 42.000 | 34 | Gam2Vel | 1.7930 | 23000. | 84 | 4966 | No |
| 9 | GOM_NL__2PRFIN20030211_002107_000000952013_00403_04966_5516.N1 | 11-FEB-2003 00:21:07 | Straylight | 94.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 189 | 4966 | No |
| 10 | GOM_NL__2PRFIN20030211_002431_000001282013_00403_04966_5517.N1 | 11-FEB-2003 00:24:31 | Straylight | 127.50 | 100 | 4Gam Crv | 2.5800 | 13100. | 255 | 4966 | No |
| 11 | GOM_NL__2PRFIN20030211_002910_000000602013_00403_04966_5518.N1 | 11-FEB-2003 00:29:10 | Straylight | 60.000 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 120 | 4966 | No |
| 12 | GOM_NL__2PRFIN20030211_003333_000000512013_00403_04966_5519.N1 | 11-FEB-2003 00:33:33 | Bright | 50.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 101 | 4966 | No |
| 13 | GOM_NL__2PRFIN20030211_003722_000000392013_00403_04966_5520.N1 | 11-FEB-2003 00:37:22 | Bright | 38.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 77 | 4966 | No |
| 14 | GOM_NL__2PRFIN20030211_003956_000000392013_00403_04966_5521.N1 | 11-FEB-2003 00:39:56 | Bright | 38.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 77 | 4966 | No |
| 15 | GOM_NL__2PRFIN20030211_004343_000000382013_00403_04966_5522.N1 | 11-FEB-2003 00:43:43 | Bright | 38.000 | 107 | 37The Aur | 2.6490 | 11000. | 76 | 4966 | No |
| 16 | GOM_NL__2PRFIN20030211_004542_000000382013_00403_04966_5523.N1 | 11-FEB-2003 00:45:42 | Bright | 38.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 76 | 4966 | No |
| 17 | GOM_NL__2PRFIN20030211_005107_000000582013_00403_04966_5524.N1 | 11-FEB-2003 00:51:07 | Bright | 58.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 116 | 4966 | No |
| 18 | GOM_NL__2PRFIN20030211_005327_000000462013_00403_04966_5525.N1 | 11-FEB-2003 00:53:27 | Bright | 45.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 91 | 4966 | No |
| 19 | GOM_NL__2PRFIN20030211_005502_000000522013_00403_04966_5526.N1 | 11-FEB-2003 00:55:02 | Bright | 51.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 103 | 4966 | No |
| 20 | GOM_NL__2PRFIN20030211_005721_000000352013_00403_04966_5527.N1 | 11-FEB-2003 00:57:21 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 4966 | No |
| 21 | GOM_NL__2PRFIN20030211_005947_000000422013_00403_04966_5528.N1 | 11-FEB-2003 00:59:47 | Bright | 41.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 83 | 4966 | No |
| 22 | GOM_NL__2PRFIN20030211_010404_000000362013_00403_04966_5529.N1 | 11-FEB-2003 01:04:04 | Bright | 35.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 71 | 4966 | No |
| 23 | GOM_NL__2PRFIN20030211_010812_000000412013_00403_04966_5530.N1 | 11-FEB-2003 01:08:12 | Bright | 40.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 81 | 4966 | No |
| 24 | GOM_NL__2PRFIN20030211_010954_000000352013_00403_04966_5531.N1 | 11-FEB-2003 01:09:54 | Bright | 34.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 69 | 4966 | No |
| 25 | GOM_NL__2PRFIN20030211_011213_000000372013_00403_04966_5532.N1 | 11-FEB-2003 01:12:13 | Bright | 37.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 74 | 4966 | No |
| 26 | GOM_NL__2PRFIN20030211_011517_000000522013_00403_04966_5533.N1 | 11-FEB-2003 01:15:17 | Bright | 51.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 103 | 4966 | No |
| 27 | GOM_NL__2PRFIN20030211_011851_000000842013_00403_04966_5534.N1 | 11-FEB-2003 01:18:51 | Bright | 84.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 168 | 4966 | No |
| 28 | GOM_NL__2PRFIN20030211_012208_000002552013_00403_04966_5535.N1 | 11-FEB-2003 01:22:08 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4966 | No |
| 29 | GOM_NL__2PRFIN20030211_013010_000000462013_00403_04966_5536.N1 | 11-FEB-2003 01:30:10 | Dark | 46.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 92 | 4966 | No |
| 30 | GOM_NL__2PRFIN20030211_013252_000000432013_00403_04966_5537.N1 | 11-FEB-2003 01:32:52 | Dark | 43.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 86 | 4966 | No |
| 31 | GOM_NL__2PRFIN20030211_013458_000000542013_00403_04966_5538.N1 | 11-FEB-2003 01:34:58 | Dark | 53.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 107 | 4966 | No |
| 32 | GOM_NL__2PRFIN20030211_013654_000000512013_00403_04966_5539.N1 | 11-FEB-2003 01:36:54 | Dark | 51.000 | 158 | 6Pi Sco | 2.9060 | 28000. | 102 | 4966 | No |
| 33 | GOM_NL__2PRFIN20030211_013926_000000442013_00403_04966_5540.N1 | 11-FEB-2003 01:39:26 | Dark | 43.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 87 | 4966 | No |
| 34 | GOM_NL__2PRFIN20030211_014055_000000472013_00404_04967_5472.N1 | 11-FEB-2003 01:40:55 | Dark | 47.000 | 131 | Gam Lup | 2.8000 | 26000. | 94 | 4967 | No |
| 35 | GOM_NL__2PRFIN20030211_014309_000000412013_00404_04967_5473.N1 | 11-FEB-2003 01:43:09 | Dark | 41.000 | 43 | Alp TrA | 1.9100 | 4250.0 | 82 | 4967 | No |
| 36 | GOM_NL__2PRFIN20030211_014712_000000732013_00404_04967_5474.N1 | 11-FEB-2003 01:47:12 | Dark | 72.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 145 | 4967 | No |
| 37 | GOM_NL__2PRFIN20030211_014951_000000502013_00404_04967_5475.N1 | 11-FEB-2003 01:49:51 | Dark | 50.000 | 12 | Alp1Cru | 0.77500 | 30000. | 100 | 4967 | No |
| 38 | GOM_NL__2PRFIN20030211_015239_000000412013_00404_04967_5476.N1 | 11-FEB-2003 01:52:39 | Dark | 40.500 | 29 | Bet Car | 1.6720 | 10200. | 81 | 4967 | No |
| 39 | GOM_NL__2PRFIN20030211_015512_000000392013_00404_04967_5477.N1 | 11-FEB-2003 01:55:12 | Dark | 39.000 | 71 | lot Car | 2.2460 | 7700.0 | 78 | 4967 | No |
| 40 | GOM_NL__2PRFIN20030211_015652_000000382013_00404_04967_5478.N1 | 11-FEB-2003 01:56:52 | Dark | 37.500 | 46 | Del Vel | 1.9540 | 10600. | 75 | 4967 | No |
| 41 | GOM_NL__2PRFIN20030211_015918_000000402013_00404_04967_5479.N1 | 11-FEB-2003 01:59:18 | Straylight | 39.500 | 34 | Gam2Vel | 1.7930 | 23000. | 79 | 4967 | No |
| 42 | GOM_NL__2PRFIN20030211_020144_000000972013_00404_04967_5480.N1 | 11-FEB-2003 02:01:44 | Straylight | 96.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 193 | 4967 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|------|----|
| 43 | GOM_NL__2PRFIN20030211_020509_000001282013_00404_04967_5481.N1 | 11-FEB-2003 02:05:09 | Straylight | 128.00 | 100 | 4Gam Crv | 2.5800 | 13100. | 256 | 4967 | No |
| 44 | GOM_NL__2PRFIN20030211_020945_000000542013_00404_04967_5482.N1 | 11-FEB-2003 02:09:45 | Straylight | 53.500 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 107 | 4967 | No |
| 45 | GOM_NL__2PRFIN20030211_021409_000000502013_00404_04967_5483.N1 | 11-FEB-2003 02:14:09 | Bright | 49.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 99 | 4967 | No |
| 46 | GOM_NL__2PRFIN20030211_021758_000000392013_00404_04967_5484.N1 | 11-FEB-2003 02:17:58 | Bright | 39.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 78 | 4967 | No |
| 47 | GOM_NL__2PRFIN20030211_022032_000000422013_00404_04967_5485.N1 | 11-FEB-2003 02:20:32 | Bright | 41.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 83 | 4967 | No |
| 48 | GOM_NL__2PRFIN20030211_022419_000000382013_00404_04967_5486.N1 | 11-FEB-2003 02:24:19 | Bright | 38.000 | 107 | 37The Aur | 2.6490 | 11000. | 76 | 4967 | No |
| 49 | GOM_NL__2PRFIN20030211_022618_000000392013_00404_04967_5487.N1 | 11-FEB-2003 02:26:18 | Bright | 39.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 78 | 4967 | No |
| 50 | GOM_NL__2PRFIN20030211_023142_000000602013_00404_04967_5488.N1 | 11-FEB-2003 02:31:42 | Bright | 59.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 119 | 4967 | No |
| 51 | GOM_NL__2PRFIN20030211_023402_000000462013_00404_04967_5489.N1 | 11-FEB-2003 02:34:02 | Bright | 46.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 92 | 4967 | No |
| 52 | GOM_NL__2PRFIN20030211_023536_000000542013_00404_04967_5490.N1 | 11-FEB-2003 02:35:36 | Bright | 53.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 107 | 4967 | No |
| 53 | GOM_NL__2PRFIN20030211_023757_000000372013_00404_04967_5491.N1 | 11-FEB-2003 02:37:57 | Bright | 37.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 74 | 4967 | No |
| 54 | GOM_NL__2PRFIN20030211_024023_000000402013_00404_04967_5492.N1 | 11-FEB-2003 02:40:23 | Bright | 39.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 79 | 4967 | No |
| 55 | GOM_NL__2PRFIN20030211_024440_000000362013_00404_04967_5493.N1 | 11-FEB-2003 02:44:40 | Bright | 36.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 72 | 4967 | No |
| 56 | GOM_NL__2PRFIN20030211_024847_000000402013_00404_04967_5494.N1 | 11-FEB-2003 02:48:47 | Bright | 40.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 80 | 4967 | No |
| 57 | GOM_NL__2PRFIN20030211_025030_000000362013_00404_04967_5495.N1 | 11-FEB-2003 02:50:30 | Bright | 35.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 71 | 4967 | No |
| 58 | GOM_NL__2PRFIN20030211_025249_000000362013_00404_04967_5496.N1 | 11-FEB-2003 02:52:49 | Bright | 35.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 71 | 4967 | No |
| 59 | GOM_NL__2PRFIN20030211_025554_000000522013_00404_04967_5497.N1 | 11-FEB-2003 02:55:54 | Bright | 51.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 103 | 4967 | No |
| 60 | GOM_NL__2PRFIN20030211_025927_000000862013_00404_04967_5498.N1 | 11-FEB-2003 02:59:27 | Bright | 85.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 171 | 4967 | No |
| 61 | GOM_NL__2PRFIN20030211_030247_000002552013_00404_04967_5499.N1 | 11-FEB-2003 03:02:47 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4967 | No |
| 62 | GOM_NL__2PRFIN20030211_031046_000000472013_00404_04967_5500.N1 | 11-FEB-2003 03:10:46 | Dark | 47.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 94 | 4967 | No |
| 63 | GOM_NL__2PRFIN20030211_031328_000000412013_00404_04967_5501.N1 | 11-FEB-2003 03:13:28 | Dark | 41.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 82 | 4967 | No |
| 64 | GOM_NL__2PRFIN20030211_031535_000000522013_00404_04967_5502.N1 | 11-FEB-2003 03:15:35 | Dark | 52.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 104 | 4967 | No |
| 65 | GOM_NL__2PRFIN20030211_031730_000000522013_00404_04967_5503.N1 | 11-FEB-2003 03:17:30 | Dark | 52.000 | 158 | 6Pi Sco | 2.9060 | 28000. | 104 | 4967 | No |
| 66 | GOM_NL__2PRFIN20030211_032002_000000402013_00404_04967_5504.N1 | 11-FEB-2003 03:20:02 | Dark | 39.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 79 | 4967 | No |
| 67 | GOM_NL__2PRFIN20030211_032132_000000472013_00405_04968_5488.N1 | 11-FEB-2003 03:21:32 | Dark | 46.500 | 131 | Gam Lup | 2.8000 | 26000. | 93 | 4968 | No |
| 68 | GOM_NL__2PRFIN20030211_032346_000000462013_00405_04968_5489.N1 | 11-FEB-2003 03:23:46 | Dark | 45.500 | 43 | Alp TrA | 1.9100 | 4250.0 | 91 | 4968 | No |
| 69 | GOM_NL__2PRFIN20030211_032749_000000672013_00405_04968_5490.N1 | 11-FEB-2003 03:27:49 | Dark | 66.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 133 | 4968 | No |
| 70 | GOM_NL__2PRFIN20030211_033028_000000432013_00405_04968_5491.N1 | 11-FEB-2003 03:30:28 | Dark | 43.000 | 12 | Alp1Cru | 0.77500 | 30000. | 86 | 4968 | No |
| 71 | GOM_NL__2PRFIN20030211_033315_000000472013_00405_04968_5492.N1 | 11-FEB-2003 03:33:15 | Dark | 46.500 | 29 | Bet Car | 1.6720 | 10200. | 93 | 4968 | No |
| 72 | GOM_NL__2PRFIN20030211_033548_000000402013_00405_04968_5493.N1 | 11-FEB-2003 03:35:48 | Dark | 39.500 | 71 | lot Car | 2.2460 | 7700.0 | 79 | 4968 | No |
| 73 | GOM_NL__2PRFIN20030211_033729_000000372013_00405_04968_5494.N1 | 11-FEB-2003 03:37:29 | Dark | 37.000 | 46 | Del Vel | 1.9540 | 10600. | 74 | 4968 | No |
| 74 | GOM_NL__2PRFIN20030211_033954_000000392013_00405_04968_5495.N1 | 11-FEB-2003 03:39:54 | Straylight | 38.500 | 34 | Gam2Vel | 1.7930 | 23000. | 77 | 4968 | No |
| 75 | GOM_NL__2PRFIN20030211_034220_000000972013_00405_04968_5496.N1 | 11-FEB-2003 03:42:20 | Straylight | 97.000 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 194 | 4968 | No |
| 76 | GOM_NL__2PRFIN20030211_034544_000001312013_00405_04968_5497.N1 | 11-FEB-2003 03:45:44 | Straylight | 131.00 | 100 | 4Gam Crv | 2.5800 | 13100. | 262 | 4968 | No |
| 77 | GOM_NL__2PRFIN20030211_035022_000000542013_00405_04968_5498.N1 | 11-FEB-2003 03:50:22 | Straylight | 53.500 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 107 | 4968 | No |
| 78 | GOM_NL__2PRFIN20030211_035445_000000522013_00405_04968_5499.N1 | 11-FEB-2003 03:54:45 | Bright | 52.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 104 | 4968 | No |
| 79 | GOM_NL__2PRFIN20030211_035834_000000392013_00405_04968_5500.N1 | 11-FEB-2003 03:58:34 | Bright | 39.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 78 | 4968 | No |
| 80 | GOM_NL__2PRFIN20030211_040108_000000382013_00405_04968_5501.N1 | 11-FEB-2003 04:01:08 | Bright | 38.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 76 | 4968 | No |
| 81 | GOM_NL__2PRFIN20030211_040455_000000372013_00405_04968_5502.N1 | 11-FEB-2003 04:04:55 | Bright | 36.500 | 107 | 37The Aur | 2.6490 | 11000. | 73 | 4968 | No |
| 82 | GOM_NL__2PRFIN20030211_040654_000000402013_00405_04968_5503.N1 | 11-FEB-2003 04:06:54 | Bright | 39.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 79 | 4968 | No |
| 83 | GOM_NL__2PRFIN20030211_041217_000000582013_00405_04968_5504.N1 | 11-FEB-2003 04:12:17 | Bright | 58.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 116 | 4968 | No |
| 84 | GOM_NL__2PRFIN20030211_041438_000000462013_00405_04968_5505.N1 | 11-FEB-2003 04:14:38 | Bright | 46.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 92 | 4968 | No |
| 85 | GOM_NL__2PRFIN20030211_041611_000000522013_00405_04968_5506.N1 | 11-FEB-2003 04:16:11 | Bright | 52.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 104 | 4968 | No |
| 86 | GOM_NL__2PRFIN20030211_041832_000000352013_00405_04968_5507.N1 | 11-FEB-2003 04:18:32 | Bright | 34.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 69 | 4968 | No |
| 87 | GOM_NL__2PRFIN20030211_042058_000000422013_00405_04968_5508.N1 | 11-FEB-2003 04:20:58 | Bright | 42.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 84 | 4968 | No |
| 88 | GOM_NL__2PRFIN20030211_042516_000000342013_00405_04968_5509.N1 | 11-FEB-2003 04:25:16 | Bright | 34.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 68 | 4968 | No |
| 89 | GOM_NL__2PRFIN20030211_042923_000000402013_00405_04968_5510.N1 | 11-FEB-2003 04:29:23 | Bright | 40.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 80 | 4968 | No |
| 90 | GOM_NL__2PRFIN20030211_043106_000000342013_00405_04968_5511.N1 | 11-FEB-2003 04:31:06 | Bright | 34.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 68 | 4968 | No |
| 91 | GOM_NL__2PRFIN20030211_043325_000000412013_00405_04968_5512.N1 | 11-FEB-2003 04:33:25 | Bright | 41.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 82 | 4968 | No |
| 92 | GOM_NL__2PRFIN20030211_043630_000000522013_00405_04968_5513.N1 | 11-FEB-2003 04:36:30 | Bright | 51.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 103 | 4968 | No |
| 93 | GOM_NL__2PRFIN20030211_044004_000000862013_00405_04968_5514.N1 | 11-FEB-2003 04:40:04 | Bright | 86.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 172 | 4968 | No |
| 94 | GOM_NL__2PRFIN20030211_044326_000002552013_00405_04968_5515.N1 | 11-FEB-2003 04:43:26 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4968 | No |
| 95 | GOM_NL__2PRFIN20030211_045123_000000452013_00405_04968_5516.N1 | 11-FEB-2003 04:51:23 | Dark | 45.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 90 | 4968 | No |
| 96 | GOM_NL__2PRFIN20030211_045404_000000422013_00405_04968_5517.N1 | 11-FEB-2003 04:54:04 | Dark | 41.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 83 | 4968 | No |
| 97 | GOM_NL__2PRFIN20030211_045612_000000652013_00405_04968_5518.N1 | 11-FEB-2003 04:56:12 | Dark | 65.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 130 | 4968 | No |
| 98 | GOM_NL__2PRFIN20030211_045808_000000542013_00405_04968_5519.N1 | 11-FEB-2003 04:58:08 | Dark | 54.000 | 158 | 6Pi Sco | 2.9060 | 28000. | 108 | 4968 | No |
| 99 | GOM_NL__2PRFIN20030211_050039_000000442013_00405_04968_5520.N1 | 11-FEB-2003 05:00:39 | Dark | 43.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 87 | 4968 | No |
| 100 | GOM_NL__2PRFIN20030211_050209_000000472013_00406_04969_5294.N1 | 11-FEB-2003 05:02:09 | Dark | 46.500 | 131 | Gam Lup | 2.8000 | 26000. | 93 | 4969 | No |
| 101 | GOM_NL__2PRFIN20030211_050422_000000482013_00406_04969_5295.N1 | 11-FEB-2003 05:04:22 | Dark | 48.000 | 43 | Alp TrA | 1.9100 | 4250.0 | 96 | 4969 | No |

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|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|------|----|
| 102 | GOM_NL__2PRFIN20030211_050826_000000702013_00406_04969_5296.N1 | 11-FEB-2003 05:08:26 | Dark | 70.000 | 54 | 5The Cen | 2.0550 | 4500.0 | 140 | 4969 | No |
| 103 | GOM_NL__2PRFIN20030211_051104_000000482013_00406_04969_5297.N1 | 11-FEB-2003 05:11:04 | Dark | 47.500 | 12 | Alp1Cru | 0.77500 | 30000. | 95 | 4969 | No |
| 104 | GOM_NL__2PRFIN20030211_051351_000000462013_00406_04969_5298.N1 | 11-FEB-2003 05:13:51 | Dark | 45.500 | 29 | Bet Car | 1.6720 | 10200. | 91 | 4969 | No |
| 105 | GOM_NL__2PRFIN20030211_051624_000000392013_00406_04969_5299.N1 | 11-FEB-2003 05:16:24 | Dark | 39.000 | 71 | lot Car | 2.2460 | 7700.0 | 78 | 4969 | No |
| 106 | GOM_NL__2PRFIN20030211_051805_000000392013_00406_04969_5300.N1 | 11-FEB-2003 05:18:05 | Dark | 39.000 | 46 | Del Vel | 1.9540 | 10600. | 78 | 4969 | No |
| 107 | GOM_NL__2PRFIN20030211_052030_000000392013_00406_04969_5301.N1 | 11-FEB-2003 05:20:30 | Straylight | 38.500 | 34 | Gam2Vel | 1.7930 | 23000. | 77 | 4969 | No |
| 108 | GOM_NL__2PRFIN20030211_052257_000000982013_00406_04969_5302.N1 | 11-FEB-2003 05:22:57 | Straylight | 97.500 | 171 | 2Eps Crv | 3.0010 | 4250.0 | 195 | 4969 | No |
| 109 | GOM_NL__2PRFIN20030211_052620_000001262013_00406_04969_5303.N1 | 11-FEB-2003 05:26:20 | Straylight | 125.50 | 100 | 4Gam Crv | 2.5800 | 13100. | 251 | 4969 | No |
| 110 | GOM_NL__2PRFIN20030211_053058_000000612013_00406_04969_5304.N1 | 11-FEB-2003 05:30:58 | Straylight | 61.000 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 122 | 4969 | No |
| 111 | GOM_NL__2PRFIN20030211_053521_000000522013_00406_04969_5305.N1 | 11-FEB-2003 05:35:21 | Bright | 52.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 104 | 4969 | No |
| 112 | GOM_NL__2PRFIN20030211_053910_000000382013_00406_04969_5306.N1 | 11-FEB-2003 05:39:10 | Bright | 37.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 75 | 4969 | No |
| 113 | GOM_NL__2PRFIN20030211_054144_000000392013_00406_04969_5307.N1 | 11-FEB-2003 05:41:44 | Bright | 39.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 78 | 4969 | No |
| 114 | GOM_NL__2PRFIN20030211_054531_000000382013_00406_04969_5308.N1 | 11-FEB-2003 05:45:31 | Bright | 38.000 | 107 | 37The Aur | 2.6490 | 11000. | 76 | 4969 | No |
| 115 | GOM_NL__2PRFIN20030211_054730_000000382013_00406_04969_5309.N1 | 11-FEB-2003 05:47:30 | Bright | 37.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 75 | 4969 | No |
| 116 | GOM_NL__2PRFIN20030211_055252_000000582013_00406_04969_5310.N1 | 11-FEB-2003 05:52:52 | Bright | 57.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 115 | 4969 | No |
| 117 | GOM_NL__2PRFIN20030211_055513_000000462013_00406_04969_5311.N1 | 11-FEB-2003 05:55:13 | Bright | 46.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 92 | 4969 | No |
| 118 | GOM_NL__2PRFIN20030211_055646_000000532013_00406_04969_5312.N1 | 11-FEB-2003 05:56:46 | Bright | 53.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 106 | 4969 | No |
| 119 | GOM_NL__2PRFIN20030211_055908_000000372013_00406_04969_5313.N1 | 11-FEB-2003 05:59:08 | Bright | 37.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 74 | 4969 | No |
| 120 | GOM_NL__2PRFIN20030211_060134_000000402013_00406_04969_5314.N1 | 11-FEB-2003 06:01:34 | Bright | 39.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 79 | 4969 | No |
| 121 | GOM_NL__2PRFIN20030211_060552_000000342013_00406_04969_5315.N1 | 11-FEB-2003 06:05:52 | Bright | 33.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 67 | 4969 | No |
| 122 | GOM_NL__2PRFIN20030211_060959_000000422013_00406_04969_5316.N1 | 11-FEB-2003 06:09:59 | Bright | 42.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 84 | 4969 | No |
| 123 | GOM_NL__2PRFIN20030211_061142_000000362013_00406_04969_5317.N1 | 11-FEB-2003 06:11:42 | Bright | 35.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 71 | 4969 | No |
| 124 | GOM_NL__2PRFIN20030211_061401_000000362013_00406_04969_5318.N1 | 11-FEB-2003 06:14:01 | Bright | 36.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 72 | 4969 | No |
| 125 | GOM_NL__2PRFIN20030211_061706_000000532013_00406_04969_5319.N1 | 11-FEB-2003 06:17:06 | Bright | 52.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 105 | 4969 | No |
| 126 | GOM_NL__2PRFIN20030211_062041_000000832013_00406_04969_5320.N1 | 11-FEB-2003 06:20:41 | Tw_i_and_stray | 82.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 165 | 4969 | No |
| 127 | GOM_NL__2PRFIN20030211_062404_000002552013_00406_04969_5321.N1 | 11-FEB-2003 06:24:04 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4969 | No |
| 128 | GOM_NL__2PRFIN20030211_063200_000000492013_00406_04969_5322.N1 | 11-FEB-2003 06:32:00 | Dark | 49.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 98 | 4969 | No |
| 129 | GOM_NL__2PRFIN20030211_063440_000000442013_00406_04969_5323.N1 | 11-FEB-2003 06:34:40 | Dark | 43.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 87 | 4969 | No |
| 130 | GOM_NL__2PRFIN20030211_063649_000000662013_00406_04969_5324.N1 | 11-FEB-2003 06:36:49 | Dark | 65.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 131 | 4969 | No |
| 131 | GOM_NL__2PRFIN20030211_063845_000000532013_00406_04969_5325.N1 | 11-FEB-2003 06:38:45 | Dark | 53.000 | 158 | 6Pi Sco | 2.9060 | 28000. | 106 | 4969 | No |
| 132 | GOM_NL__2PRFIN20030211_064115_000000432013_00406_04969_5326.N1 | 11-FEB-2003 06:41:15 | Dark | 42.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 85 | 4969 | No |
| 133 | GOM_NL__2PRFIN20030211_064246_000000462013_00407_04970_5294.N1 | 11-FEB-2003 06:42:46 | Dark | 46.000 | 131 | Gam Lup | 2.8000 | 26000. | 92 | 4970 | No |
| 134 | GOM_NL__2PRFIN20030211_064457_000000432013_00407_04970_5295.N1 | 11-FEB-2003 06:44:57 | Dark | 43.000 | 43 | Alp TrA | 1.9100 | 4250.0 | 86 | 4970 | No |
| 135 | GOM_NL__2PRFIN20030211_064940_000000452013_00407_04970_5296.N1 | 11-FEB-2003 06:49:40 | Dark | 44.500 | 77 | Eps Cen | 2.3030 | 28000. | 89 | 4970 | No |
| 136 | GOM_NL__2PRFIN20030211_065140_000000472013_00407_04970_5297.N1 | 11-FEB-2003 06:51:40 | Dark | 47.000 | 12 | Alp1Cru | 0.77500 | 30000. | 94 | 4970 | No |
| 137 | GOM_NL__2PRFIN20030211_065506_000000392013_00407_04970_5298.N1 | 11-FEB-2003 06:55:06 | Dark | 39.000 | 159 | Ups Car | 2.9200 | 7200.0 | 78 | 4970 | No |
| 138 | GOM_NL__2PRFIN20030211_065701_000000432013_00407_04970_5299.N1 | 11-FEB-2003 06:57:01 | Dark | 42.500 | 71 | lot Car | 2.2460 | 7700.0 | 85 | 4970 | No |
| 139 | GOM_NL__2PRFIN20030211_065840_000000412013_00407_04970_5300.N1 | 11-FEB-2003 06:58:40 | Dark | 41.000 | 46 | Del Vel | 1.9540 | 10600. | 82 | 4970 | No |
| 140 | GOM_NL__2PRFIN20030211_070106_000000412013_00407_04970_5301.N1 | 11-FEB-2003 07:01:06 | Straylight | 41.000 | 34 | Gam2Vel | 1.7930 | 23000. | 82 | 4970 | No |
| 141 | GOM_NL__2PRFIN20030211_070310_000000402013_00407_04970_5302.N1 | 11-FEB-2003 07:03:10 | Straylight | 39.500 | 70 | Zet Pup | 2.2460 | 39000. | 79 | 4970 | No |
| 142 | GOM_NL__2PRFIN20030211_070426_000000462013_00407_04970_5303.N1 | 11-FEB-2003 07:04:26 | Straylight | 45.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 91 | 4970 | No |
| 143 | GOM_NL__2PRFIN20030211_070632_000000422013_00407_04970_5304.N1 | 11-FEB-2003 07:06:32 | Straylight | 41.500 | 88 | 31Eta CMa | 2.4480 | 20000. | 83 | 4970 | No |
| 144 | GOM_NL__2PRFIN20030211_070816_000000382013_00407_04970_5305.N1 | 11-FEB-2003 07:08:16 | Straylight | 37.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 75 | 4970 | No |
| 145 | GOM_NL__2PRFIN20030211_071134_000000512013_00407_04970_5306.N1 | 11-FEB-2003 07:11:34 | Straylight | 51.000 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 102 | 4970 | No |
| 146 | GOM_NL__2PRFIN20030211_071557_000000522013_00407_04970_5307.N1 | 11-FEB-2003 07:15:57 | Bright | 52.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 104 | 4970 | No |
| 147 | GOM_NL__2PRFIN20030211_071947_000000382013_00407_04970_5308.N1 | 11-FEB-2003 07:19:47 | Bright | 38.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 76 | 4970 | No |
| 148 | GOM_NL__2PRFIN20030211_072220_000000402013_00407_04970_5309.N1 | 11-FEB-2003 07:22:20 | Bright | 40.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 80 | 4970 | No |
| 149 | GOM_NL__2PRFIN20030211_072607_000000372013_00407_04970_5310.N1 | 11-FEB-2003 07:26:07 | Bright | 36.500 | 107 | 37The Aur | 2.6490 | 11000. | 73 | 4970 | No |
| 150 | GOM_NL__2PRFIN20030211_072807_000000372013_00407_04970_5311.N1 | 11-FEB-2003 07:28:07 | Bright | 36.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 73 | 4970 | No |
| 151 | GOM_NL__2PRFIN20030211_073326_000000582013_00407_04970_5312.N1 | 11-FEB-2003 07:33:26 | Bright | 58.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 116 | 4970 | No |
| 152 | GOM_NL__2PRFIN20030211_073548_000000462013_00407_04970_5313.N1 | 11-FEB-2003 07:35:48 | Bright | 45.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 91 | 4970 | No |
| 153 | GOM_NL__2PRFIN20030211_073720_000000542013_00407_04970_5314.N1 | 11-FEB-2003 07:37:20 | Bright | 53.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 107 | 4970 | No |
| 154 | GOM_NL__2PRFIN20030211_073944_000000382013_00407_04970_5315.N1 | 11-FEB-2003 07:39:44 | Bright | 37.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 75 | 4970 | No |
| 155 | GOM_NL__2PRFIN20030211_074209_000000392013_00407_04970_5316.N1 | 11-FEB-2003 07:42:09 | Bright | 38.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 77 | 4970 | No |
| 156 | GOM_NL__2PRFIN20030211_074628_000000372013_00407_04970_5317.N1 | 11-FEB-2003 07:46:28 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 4970 | No |
| 157 | GOM_NL__2PRFIN20030211_075034_000000422013_00407_04970_5318.N1 | 11-FEB-2003 07:50:34 | Bright | 42.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 84 | 4970 | No |
| 158 | GOM_NL__2PRFIN20030211_075218_000000352013_00407_04970_5319.N1 | 11-FEB-2003 07:52:18 | Bright | 35.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 70 | 4970 | No |
| 159 | GOM_NL__2PRFIN20030211_075437_000000382013_00407_04970_5320.N1 | 11-FEB-2003 07:54:37 | Bright | 38.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 76 | 4970 | No |
| 160 | GOM_NL__2PRFIN20030211_075742_000000512013_00407_04970_5321.N1 | 11-FEB-2003 07:57:42 | Bright | 51.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 102 | 4970 | No |

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| 161 | GOM_NL__2PRFIN20030211_080117_000000932013_00407_04970_5322.N1 | 11-FEB-2003 08:01:17 | Twl_and_stray | 92.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 185 | 4970 | No |
| 162 | GOM_NL__2PRFIN20030211_080443_000002552013_00407_04970_5323.N1 | 11-FEB-2003 08:04:43 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4970 | No |
| 163 | GOM_NL__2PRFIN20030211_081236_000000472013_00407_04970_5324.N1 | 11-FEB-2003 08:12:36 | Dark | 46.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 93 | 4970 | No |
| 164 | GOM_NL__2PRFIN20030211_081516_000000432013_00407_04970_5325.N1 | 11-FEB-2003 08:15:16 | Dark | 42.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 85 | 4970 | No |
| 165 | GOM_NL__2PRFIN20030211_081712_000000412013_00407_04970_5326.N1 | 11-FEB-2003 08:17:12 | Dark | 40.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 81 | 4970 | No |
| 166 | GOM_NL__2PRFIN20030211_081921_000000532013_00407_04970_5327.N1 | 11-FEB-2003 08:19:21 | Dark | 52.500 | 158 | 6Pi Sco | 2.9060 | 28000. | 105 | 4970 | No |
| 167 | GOM_NL__2PRFIN20030211_082151_000000392013_00407_04970_5328.N1 | 11-FEB-2003 08:21:51 | Dark | 38.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 77 | 4970 | No |
| 168 | GOM_NL__2PRFIN20030211_082323_000000492013_00408_04971_5294.N1 | 11-FEB-2003 08:23:23 | Dark | 48.500 | 131 | Gam Lup | 2.8000 | 26000. | 97 | 4971 | No |
| 169 | GOM_NL__2PRFIN20030211_082534_000000392013_00408_04971_5295.N1 | 11-FEB-2003 08:25:34 | Dark | 38.500 | 43 | Alp TrA | 1.9100 | 4250.0 | 77 | 4971 | No |
| 170 | GOM_NL__2PRFIN20030211_083016_000000442013_00408_04971_5296.N1 | 11-FEB-2003 08:30:16 | Dark | 44.000 | 77 | Eps Cen | 2.3030 | 28000. | 88 | 4971 | No |
| 171 | GOM_NL__2PRFIN20030211_083217_000000432013_00408_04971_5297.N1 | 11-FEB-2003 08:32:17 | Dark | 43.000 | 12 | Alp1Cru | 0.77500 | 30000. | 86 | 4971 | No |
| 172 | GOM_NL__2PRFIN20030211_083543_000000442013_00408_04971_5298.N1 | 11-FEB-2003 08:35:43 | Dark | 44.000 | 159 | Ups Car | 2.9200 | 7200.0 | 88 | 4971 | No |
| 173 | GOM_NL__2PRFIN20030211_083737_000000442013_00408_04971_5299.N1 | 11-FEB-2003 08:37:37 | Dark | 43.500 | 71 | lot Car | 2.2460 | 7700.0 | 87 | 4971 | No |
| 174 | GOM_NL__2PRFIN20030211_083917_000000432013_00408_04971_5300.N1 | 11-FEB-2003 08:39:17 | Dark | 43.000 | 46 | Del Vel | 1.9540 | 10600. | 86 | 4971 | No |
| 175 | GOM_NL__2PRFIN20030211_084142_000000432013_00408_04971_5301.N1 | 11-FEB-2003 08:41:42 | Straylight | 43.000 | 34 | Gam2Vel | 1.7930 | 23000. | 86 | 4971 | No |
| 176 | GOM_NL__2PRFIN20030211_084346_000000432013_00408_04971_5302.N1 | 11-FEB-2003 08:43:46 | Straylight | 42.500 | 70 | Zet Pup | 2.2460 | 39000. | 85 | 4971 | No |
| 177 | GOM_NL__2PRFIN20030211_084502_000000462013_00408_04971_5303.N1 | 11-FEB-2003 08:45:02 | Straylight | 45.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 91 | 4971 | No |
| 178 | GOM_NL__2PRFIN20030211_084708_000000402013_00408_04971_5304.N1 | 11-FEB-2003 08:47:08 | Straylight | 40.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 80 | 4971 | No |
| 179 | GOM_NL__2PRFIN20030211_084852_000000382013_00408_04971_5305.N1 | 11-FEB-2003 08:48:52 | Straylight | 38.000 | 179 | 24Omi2CMa | 3.0320 | 24000. | 76 | 4971 | No |
| 180 | GOM_NL__2PRFIN20030211_091401_000000582013_00408_04971_5306.N1 | 11-FEB-2003 09:14:01 | Bright | 58.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 116 | 4971 | No |
| 181 | GOM_NL__2PRFIN20030211_091624_000000462013_00408_04971_5307.N1 | 11-FEB-2003 09:16:24 | Bright | 45.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 91 | 4971 | No |
| 182 | GOM_NL__2PRFIN20030211_091755_000000552013_00408_04971_5308.N1 | 11-FEB-2003 09:17:55 | Bright | 55.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 110 | 4971 | No |
| 183 | GOM_NL__2PRFIN20030211_092020_000000382013_00408_04971_5309.N1 | 11-FEB-2003 09:20:20 | Bright | 38.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 76 | 4971 | No |
| 184 | GOM_NL__2PRFIN20030211_092245_000000432013_00408_04971_5310.N1 | 11-FEB-2003 09:22:45 | Bright | 43.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 86 | 4971 | No |
| 185 | GOM_NL__2PRFIN20030211_092704_000000372013_00408_04971_5311.N1 | 11-FEB-2003 09:27:04 | Bright | 36.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 73 | 4971 | No |
| 186 | GOM_NL__2PRFIN20030211_093110_000000402013_00408_04971_5312.N1 | 11-FEB-2003 09:31:10 | Bright | 40.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 80 | 4971 | No |
| 187 | GOM_NL__2PRFIN20030211_093254_000000352013_00408_04971_5313.N1 | 11-FEB-2003 09:32:54 | Bright | 35.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 70 | 4971 | No |
| 188 | GOM_NL__2PRFIN20030211_093513_000000372013_00408_04971_5314.N1 | 11-FEB-2003 09:35:13 | Bright | 36.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 73 | 4971 | No |
| 189 | GOM_NL__2PRFIN20030211_093818_000000522013_00408_04971_5315.N1 | 11-FEB-2003 09:38:18 | Bright | 52.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 104 | 4971 | No |
| 190 | GOM_NL__2PRFIN20030211_094154_000000872013_00408_04971_5316.N1 | 11-FEB-2003 09:41:54 | Twl_and_stray | 86.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 173 | 4971 | No |
| 191 | GOM_NL__2PRFIN20030211_094522_000002552013_00408_04971_5317.N1 | 11-FEB-2003 09:45:22 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4971 | No |
| 192 | GOM_NL__2PRFIN20030211_095313_000000452013_00408_04971_5318.N1 | 11-FEB-2003 09:53:13 | Dark | 45.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 90 | 4971 | No |
| 193 | GOM_NL__2PRFIN20030211_095552_000000422013_00408_04971_5319.N1 | 11-FEB-2003 09:55:52 | Dark | 41.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 83 | 4971 | No |
| 194 | GOM_NL__2PRFIN20030211_095749_000000452013_00408_04971_5320.N1 | 11-FEB-2003 09:57:49 | Dark | 44.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 89 | 4971 | No |
| 195 | GOM_NL__2PRFIN20030211_095959_000000532013_00408_04971_5321.N1 | 11-FEB-2003 09:59:59 | Dark | 53.000 | 158 | 6Pi Sco | 2.9060 | 28000. | 106 | 4971 | No |
| 196 | GOM_NL__2PRFIN20030211_100227_000000462013_00408_04971_5322.N1 | 11-FEB-2003 10:02:27 | Dark | 45.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 91 | 4971 | No |
| 197 | GOM_NL__2PRFIN20030211_100400_000000482013_00409_04972_5294.N1 | 11-FEB-2003 10:04:00 | Dark | 48.000 | 131 | Gam Lup | 2.8000 | 26000. | 96 | 4972 | No |
| 198 | GOM_NL__2PRFIN20030211_100610_000000412013_00409_04972_5295.N1 | 11-FEB-2003 10:06:10 | Dark | 40.500 | 43 | Alp TrA | 1.9100 | 4250.0 | 81 | 4972 | No |
| 199 | GOM_NL__2PRFIN20030211_101053_000000472013_00409_04972_5296.N1 | 11-FEB-2003 10:10:53 | Dark | 46.500 | 77 | Eps Cen | 2.3030 | 28000. | 93 | 4972 | No |
| 200 | GOM_NL__2PRFIN20030211_101253_000000442013_00409_04972_5297.N1 | 11-FEB-2003 10:12:53 | Dark | 44.000 | 12 | Alp1Cru | 0.77500 | 30000. | 88 | 4972 | No |
| 201 | GOM_NL__2PRFIN20030211_101619_000000392013_00409_04972_5298.N1 | 11-FEB-2003 10:16:19 | Dark | 39.000 | 159 | Ups Car | 2.9200 | 7200.0 | 78 | 4972 | No |
| 202 | GOM_NL__2PRFIN20030211_101813_000000382013_00409_04972_5299.N1 | 11-FEB-2003 10:18:13 | Dark | 38.000 | 71 | lot Car | 2.2460 | 7700.0 | 76 | 4972 | No |
| 203 | GOM_NL__2PRFIN20030211_101953_000000402013_00409_04972_5300.N1 | 11-FEB-2003 10:19:53 | Dark | 40.000 | 46 | Del Vel | 1.9540 | 10600. | 80 | 4972 | No |
| 204 | GOM_NL__2PRFIN20030211_102218_000000392013_00409_04972_5301.N1 | 11-FEB-2003 10:22:18 | Straylight | 38.500 | 34 | Gam2Vel | 1.7930 | 23000. | 77 | 4972 | No |
| 205 | GOM_NL__2PRFIN20030211_102422_000000392013_00409_04972_5302.N1 | 11-FEB-2003 10:24:22 | Straylight | 38.500 | 70 | Zet Pup | 2.2460 | 39000. | 77 | 4972 | No |
| 206 | GOM_NL__2PRFIN20030211_102538_000000452013_00409_04972_5303.N1 | 11-FEB-2003 10:25:38 | Straylight | 44.500 | 117 | Pi Pup | 2.7060 | 3800.0 | 89 | 4972 | No |
| 207 | GOM_NL__2PRFIN20030211_102744_000000392013_00409_04972_5304.N1 | 11-FEB-2003 10:27:44 | Straylight | 39.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 78 | 4972 | No |
| 208 | GOM_NL__2PRFIN20030211_102928_000000392013_00409_04972_5305.N1 | 11-FEB-2003 10:29:28 | Straylight | 38.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 77 | 4972 | No |
| 209 | GOM_NL__2PRFIN20030211_103245_000000502013_00409_04972_5306.N1 | 11-FEB-2003 10:32:45 | Straylight | 50.000 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 100 | 4972 | No |
| 210 | GOM_NL__2PRFIN20030211_103709_000000492013_00409_04972_5307.N1 | 11-FEB-2003 10:37:09 | Bright | 49.000 | 8 | 10Alp CMI | 0.40000 | 6500.0 | 98 | 4972 | No |
| 211 | GOM_NL__2PRFIN20030211_104059_000000392013_00409_04972_5308.N1 | 11-FEB-2003 10:40:59 | Bright | 38.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 77 | 4972 | No |
| 212 | GOM_NL__2PRFIN20030211_104331_000000392013_00409_04972_5309.N1 | 11-FEB-2003 10:43:31 | Bright | 39.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 78 | 4972 | No |
| 213 | GOM_NL__2PRFIN20030211_104720_000000372013_00409_04972_5310.N1 | 11-FEB-2003 10:47:20 | Bright | 36.500 | 107 | 37The Aur | 2.6490 | 11000. | 73 | 4972 | No |
| 214 | GOM_NL__2PRFIN20030211_104919_000000392013_00409_04972_5311.N1 | 11-FEB-2003 10:49:19 | Bright | 39.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 78 | 4972 | No |
| 215 | GOM_NL__2PRFIN20030211_105433_000000612013_00409_04972_5312.N1 | 11-FEB-2003 10:54:33 | Bright | 60.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 121 | 4972 | No |
| 216 | GOM_NL__2PRFIN20030211_105659_000000432013_00409_04972_5313.N1 | 11-FEB-2003 10:56:59 | Bright | 42.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 85 | 4972 | No |
| 217 | GOM_NL__2PRFIN20030211_105828_000000572013_00409_04972_5314.N1 | 11-FEB-2003 10:58:28 | Bright | 57.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 114 | 4972 | No |
| 218 | GOM_NL__2PRFIN20030211_110056_000000372013_00409_04972_5315.N1 | 11-FEB-2003 11:00:56 | Bright | 37.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 74 | 4972 | No |
| 219 | GOM_NL__2PRFIN20030211_110320_000000422013_00409_04972_5316.N1 | 11-FEB-2003 11:03:20 | Bright | 42.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 84 | 4972 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|------|----|
| 220 | GOM_NL__2PRFIN20030211_110740_000000372013_00409_04972_5317.N1 | 11-FEB-2003 11:07:40 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 4972 | No |
| 221 | GOM_NL__2PRFIN20030211_111146_000000422013_00409_04972_5318.N1 | 11-FEB-2003 11:11:46 | Bright | 41.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 83 | 4972 | No |
| 222 | GOM_NL__2PRFIN20030211_111330_000000352013_00409_04972_5319.N1 | 11-FEB-2003 11:13:30 | Bright | 35.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 70 | 4972 | No |
| 223 | GOM_NL__2PRFIN20030211_111549_000000392013_00409_04972_5320.N1 | 11-FEB-2003 11:15:49 | Bright | 38.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 77 | 4972 | No |
| 224 | GOM_NL__2PRFIN20030211_111854_000000532013_00409_04972_5321.N1 | 11-FEB-2003 11:18:54 | Bright | 53.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 106 | 4972 | No |
| 225 | GOM_NL__2PRFIN20030211_112230_000000982013_00409_04972_5322.N1 | 11-FEB-2003 11:22:30 | Tw_i_and_stray | 97.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 195 | 4972 | No |
| 226 | GOM_NL__2PRFIN20030211_112601_000002552013_00409_04972_5323.N1 | 11-FEB-2003 11:26:01 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4972 | No |
| 227 | GOM_NL__2PRFIN20030211_113349_000000492013_00409_04972_5324.N1 | 11-FEB-2003 11:33:49 | Dark | 48.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 97 | 4972 | No |
| 228 | GOM_NL__2PRFIN20030211_113628_000000442013_00409_04972_5325.N1 | 11-FEB-2003 11:36:28 | Dark | 44.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 88 | 4972 | No |
| 229 | GOM_NL__2PRFIN20030211_113825_000000432013_00409_04972_5326.N1 | 11-FEB-2003 11:38:25 | Dark | 43.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 86 | 4972 | No |
| 230 | GOM_NL__2PRFIN20030211_114036_000000522013_00409_04972_5327.N1 | 11-FEB-2003 11:40:36 | Dark | 52.000 | 158 | 6Pi Sco | 2.9060 | 28000. | 104 | 4972 | No |
| 231 | GOM_NL__2PRFIN20030211_114303_000000412013_00409_04972_5328.N1 | 11-FEB-2003 11:43:03 | Dark | 40.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 81 | 4972 | No |
| 232 | GOM_NL__2PRFIN20030211_114436_000000472013_00410_04973_5294.N1 | 11-FEB-2003 11:44:36 | Dark | 46.500 | 131 | Gam Lup | 2.8000 | 26000. | 93 | 4973 | No |
| 233 | GOM_NL__2PRFIN20030211_114646_000000502013_00410_04973_5295.N1 | 11-FEB-2003 11:46:46 | Dark | 49.500 | 43 | Alp TrA | 1.9100 | 4250.0 | 99 | 4973 | No |
| 234 | GOM_NL__2PRFIN20030211_115129_000000442013_00410_04973_5296.N1 | 11-FEB-2003 11:51:29 | Dark | 43.500 | 77 | Eps Cen | 2.3030 | 28000. | 87 | 4973 | No |
| 235 | GOM_NL__2PRFIN20030211_115329_000000522013_00410_04973_5297.N1 | 11-FEB-2003 11:53:29 | Dark | 51.500 | 12 | Alp1Cru | 0.77500 | 30000. | 103 | 4973 | No |
| 236 | GOM_NL__2PRFIN20030211_115655_000000382013_00410_04973_5298.N1 | 11-FEB-2003 11:56:55 | Dark | 37.500 | 159 | Ups Car | 2.9200 | 7200.0 | 75 | 4973 | No |
| 237 | GOM_NL__2PRFIN20030211_115849_000000422013_00410_04973_5299.N1 | 11-FEB-2003 11:58:49 | Dark | 42.000 | 71 | lot Car | 2.2460 | 7700.0 | 84 | 4973 | No |
| 238 | GOM_NL__2PRFIN20030211_120029_000000382013_00410_04973_5300.N1 | 11-FEB-2003 12:00:29 | Dark | 38.000 | 46 | Del Vel | 1.9540 | 10600. | 76 | 4973 | No |
| 239 | GOM_NL__2PRFIN20030211_120254_000000382013_00410_04973_5301.N1 | 11-FEB-2003 12:02:54 | Straylight | 37.500 | 34 | Gam2Vel | 1.7930 | 23000. | 75 | 4973 | No |
| 240 | GOM_NL__2PRFIN20030211_120458_000000382013_00410_04973_5302.N1 | 11-FEB-2003 12:04:58 | Straylight | 38.000 | 70 | Zet Pup | 2.2460 | 39000. | 76 | 4973 | No |
| 241 | GOM_NL__2PRFIN20030211_120614_000000472013_00410_04973_5303.N1 | 11-FEB-2003 12:06:14 | Straylight | 47.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 94 | 4973 | No |
| 242 | GOM_NL__2PRFIN20030211_120820_000000412013_00410_04973_5304.N1 | 11-FEB-2003 12:08:20 | Straylight | 41.000 | 88 | 31Eta CMa | 2.4480 | 20000. | 82 | 4973 | No |
| 243 | GOM_NL__2PRFIN20030211_121004_000000382013_00410_04973_5305.N1 | 11-FEB-2003 12:10:04 | Straylight | 37.500 | 179 | 24Omi2CMa | 3.0320 | 24000. | 75 | 4973 | No |
| 244 | GOM_NL__2PRFIN20030211_121321_000000582013_00410_04973_5306.N1 | 11-FEB-2003 12:13:21 | Straylight | 58.000 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 116 | 4973 | No |
| 245 | GOM_NL__2PRFIN20030211_121745_000000522013_00410_04973_5307.N1 | 11-FEB-2003 12:17:45 | Bright | 52.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 104 | 4973 | No |
| 246 | GOM_NL__2PRFIN20030211_122135_000000392013_00410_04973_5308.N1 | 11-FEB-2003 12:21:35 | Bright | 38.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 77 | 4973 | No |
| 247 | GOM_NL__2PRFIN20030211_122406_000000412013_00410_04973_5309.N1 | 11-FEB-2003 12:24:06 | Bright | 40.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 81 | 4973 | No |
| 248 | GOM_NL__2PRFIN20030211_122756_000000382013_00410_04973_5310.N1 | 11-FEB-2003 12:27:56 | Bright | 38.000 | 107 | 37The Aur | 2.6490 | 11000. | 76 | 4973 | No |
| 249 | GOM_NL__2PRFIN20030211_122955_000000382013_00410_04973_5311.N1 | 11-FEB-2003 12:29:55 | Bright | 37.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 75 | 4973 | No |
| 250 | GOM_NL__2PRFIN20030211_123510_000000582013_00410_04973_5312.N1 | 11-FEB-2003 12:35:10 | Bright | 58.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 116 | 4973 | No |
| 251 | GOM_NL__2PRFIN20030211_123734_000000452013_00410_04973_5313.N1 | 11-FEB-2003 12:37:34 | Bright | 45.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 90 | 4973 | No |
| 252 | GOM_NL__2PRFIN20030211_123905_000000532013_00410_04973_5314.N1 | 11-FEB-2003 12:39:05 | Bright | 53.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 106 | 4973 | No |
| 253 | GOM_NL__2PRFIN20030211_124131_000000372013_00410_04973_5315.N1 | 11-FEB-2003 12:41:31 | Bright | 37.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 74 | 4973 | No |
| 254 | GOM_NL__2PRFIN20030211_124356_000000432013_00410_04973_5316.N1 | 11-FEB-2003 12:43:56 | Bright | 42.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 85 | 4973 | No |
| 255 | GOM_NL__2PRFIN20030211_124816_000000382013_00410_04973_5317.N1 | 11-FEB-2003 12:48:16 | Bright | 37.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 75 | 4973 | No |
| 256 | GOM_NL__2PRFIN20030211_125221_000000412013_00410_04973_5318.N1 | 11-FEB-2003 12:52:21 | Bright | 41.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 82 | 4973 | No |
| 257 | GOM_NL__2PRFIN20030211_125405_000000372013_00410_04973_5319.N1 | 11-FEB-2003 12:54:05 | Bright | 37.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 74 | 4973 | No |
| 258 | GOM_NL__2PRFIN20030211_125624_000000412013_00410_04973_5320.N1 | 11-FEB-2003 12:56:24 | Bright | 41.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 82 | 4973 | No |
| 259 | GOM_NL__2PRFIN20030211_125929_000000532013_00410_04973_5321.N1 | 11-FEB-2003 12:59:29 | Bright | 53.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 106 | 4973 | No |
| 260 | GOM_NL__2PRFIN20030211_130307_000000932013_00410_04973_5322.N1 | 11-FEB-2003 13:03:07 | Tw_i_and_stray | 93.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 186 | 4973 | No |
| 261 | GOM_NL__2PRFIN20030211_130640_000002552013_00410_04973_5323.N1 | 11-FEB-2003 13:06:40 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4973 | No |
| 262 | GOM_NL__2PRFIN20030211_131425_000000512013_00410_04973_5324.N1 | 11-FEB-2003 13:14:25 | Dark | 50.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 101 | 4973 | No |
| 263 | GOM_NL__2PRFIN20030211_131704_000000432013_00410_04973_5325.N1 | 11-FEB-2003 13:17:04 | Dark | 42.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 85 | 4973 | No |
| 264 | GOM_NL__2PRFIN20030211_131901_000000442013_00410_04973_5326.N1 | 11-FEB-2003 13:19:01 | Dark | 44.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 88 | 4973 | No |
| 265 | GOM_NL__2PRFIN20030211_132113_000000542013_00410_04973_5327.N1 | 11-FEB-2003 13:21:13 | Dark | 53.500 | 158 | 6Pi Sco | 2.9060 | 28000. | 107 | 4973 | No |
| 266 | GOM_NL__2PRFIN20030211_132339_000000392013_00410_04973_5328.N1 | 11-FEB-2003 13:23:39 | Dark | 39.000 | 141 | Bet Ara | 2.8400 | 4600.0 | 78 | 4973 | No |
| 267 | GOM_NL__2PRFIN20030211_132513_000000482013_00411_04974_5294.N1 | 11-FEB-2003 13:25:13 | Dark | 48.000 | 131 | Gam Lup | 2.8000 | 26000. | 96 | 4974 | No |
| 268 | GOM_NL__2PRFIN20030211_132722_000000412013_00411_04974_5295.N1 | 11-FEB-2003 13:27:22 | Dark | 40.500 | 43 | Alp TrA | 1.9100 | 4250.0 | 81 | 4974 | No |
| 269 | GOM_NL__2PRFIN20030211_133206_000000462013_00411_04974_5296.N1 | 11-FEB-2003 13:32:06 | Dark | 45.500 | 77 | Eps Cen | 2.3030 | 28000. | 91 | 4974 | No |
| 270 | GOM_NL__2PRFIN20030211_133405_000000422013_00411_04974_5297.N1 | 11-FEB-2003 13:34:05 | Dark | 42.000 | 12 | Alp1Cru | 0.77500 | 30000. | 84 | 4974 | No |
| 271 | GOM_NL__2PRFIN20030211_133731_000000382013_00411_04974_5298.N1 | 11-FEB-2003 13:37:31 | Dark | 38.000 | 159 | Ups Car | 2.9200 | 7200.0 | 76 | 4974 | No |
| 272 | GOM_NL__2PRFIN20030211_133925_000000382013_00411_04974_5299.N1 | 11-FEB-2003 13:39:25 | Dark | 38.000 | 71 | lot Car | 2.2460 | 7700.0 | 76 | 4974 | No |
| 273 | GOM_NL__2PRFIN20030211_134105_000000442013_00411_04974_5300.N1 | 11-FEB-2003 13:41:05 | Dark | 43.500 | 46 | Del Vel | 1.9540 | 10600. | 87 | 4974 | No |
| 274 | GOM_NL__2PRFIN20030211_134330_000000422013_00411_04974_5301.N1 | 11-FEB-2003 13:43:30 | Straylight | 41.500 | 34 | Gam2Vel | 1.7930 | 23000. | 83 | 4974 | No |
| 275 | GOM_NL__2PRFIN20030211_134534_000000412013_00411_04974_5302.N1 | 11-FEB-2003 13:45:34 | Straylight | 41.000 | 70 | Zet Pup | 2.2460 | 39000. | 82 | 4974 | No |
| 276 | GOM_NL__2PRFIN20030211_134650_000000442013_00411_04974_5303.N1 | 11-FEB-2003 13:46:50 | Straylight | 44.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 88 | 4974 | No |
| 277 | GOM_NL__2PRFIN20030211_134856_000000402013_00411_04974_5304.N1 | 11-FEB-2003 13:48:56 | Straylight | 39.500 | 88 | 31Eta CMa | 2.4480 | 20000. | 79 | 4974 | No |
| 278 | GOM_NL__2PRFIN20030211_135040_000000412013_00411_04974_5305.N1 | 11-FEB-2003 13:50:40 | Straylight | 41.000 | 179 | 24Omi2CMa | 3.0320 | 24000. | 82 | 4974 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|---------------|--------|-----|-----------|----------|--------|-----|------|----|
| 279 | GOM_NL__2PRFIN20030211_135356_000000602013_00411_04974_5306.N1 | 11-FEB-2003 13:53:56 | Straylight | 59.500 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 119 | 4974 | No |
| 280 | GOM_NL__2PRFIN20030211_135821_000000472013_00411_04974_5307.N1 | 11-FEB-2003 13:58:21 | Bright | 46.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 93 | 4974 | No |
| 281 | GOM_NL__2PRFIN20030211_140211_000000382013_00411_04974_5308.N1 | 11-FEB-2003 14:02:11 | Bright | 37.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 75 | 4974 | No |
| 282 | GOM_NL__2PRFIN20030211_140442_000000412013_00411_04974_5309.N1 | 11-FEB-2003 14:04:42 | Bright | 40.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 81 | 4974 | No |
| 283 | GOM_NL__2PRFIN20030211_140833_000000362013_00411_04974_5310.N1 | 11-FEB-2003 14:08:33 | Bright | 36.000 | 107 | 37The Aur | 2.6490 | 11000. | 72 | 4974 | No |
| 284 | GOM_NL__2PRFIN20030211_141032_000000362013_00411_04974_5311.N1 | 11-FEB-2003 14:10:32 | Bright | 35.500 | 42 | 34Bet Aur | 1.9000 | 10200. | 71 | 4974 | No |
| 285 | GOM_NL__2PRFIN20030211_141546_000000582013_00411_04974_5312.N1 | 11-FEB-2003 14:15:46 | Bright | 57.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 115 | 4974 | No |
| 286 | GOM_NL__2PRFIN20030211_141810_000000452013_00411_04974_5313.N1 | 11-FEB-2003 14:18:10 | Bright | 45.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 90 | 4974 | No |
| 287 | GOM_NL__2PRFIN20030211_141941_000000522013_00411_04974_5314.N1 | 11-FEB-2003 14:19:41 | Bright | 52.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 104 | 4974 | No |
| 288 | GOM_NL__2PRFIN20030211_142208_000000352013_00411_04974_5315.N1 | 11-FEB-2003 14:22:08 | Bright | 34.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 69 | 4974 | No |
| 289 | GOM_NL__2PRFIN20030211_142432_000000402013_00411_04974_5316.N1 | 11-FEB-2003 14:24:32 | Bright | 40.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 80 | 4974 | No |
| 290 | GOM_NL__2PRFIN20030211_142853_000000362013_00411_04974_5317.N1 | 11-FEB-2003 14:28:53 | Bright | 36.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 72 | 4974 | No |
| 291 | GOM_NL__2PRFIN20030211_143258_000000412013_00411_04974_5318.N1 | 11-FEB-2003 14:32:58 | Bright | 40.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 81 | 4974 | No |
| 292 | GOM_NL__2PRFIN20030211_143443_000000342013_00411_04974_5319.N1 | 11-FEB-2003 14:34:43 | Bright | 34.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 68 | 4974 | No |
| 293 | GOM_NL__2PRFIN20030211_143701_000000352013_00411_04974_5320.N1 | 11-FEB-2003 14:37:01 | Bright | 35.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 70 | 4974 | No |
| 294 | GOM_NL__2PRFIN20030211_144007_000000532013_00411_04974_5321.N1 | 11-FEB-2003 14:40:07 | Bright | 53.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 106 | 4974 | No |
| 295 | GOM_NL__2PRFIN20030211_144343_000000902013_00411_04974_5322.N1 | 11-FEB-2003 14:43:43 | Twl_and_stray | 90.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 180 | 4974 | No |
| 296 | GOM_NL__2PRFIN20030211_144718_000002552013_00411_04974_5323.N1 | 11-FEB-2003 14:47:18 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4974 | No |
| 297 | GOM_NL__2PRFIN20030211_145503_000000472013_00411_04974_5324.N1 | 11-FEB-2003 14:55:03 | Dark | 46.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 93 | 4974 | No |
| 298 | GOM_NL__2PRFIN20030211_145741_000000422013_00411_04974_5325.N1 | 11-FEB-2003 14:57:41 | Dark | 41.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 83 | 4974 | No |
| 299 | GOM_NL__2PRFIN20030211_145938_000000432013_00411_04974_5326.N1 | 11-FEB-2003 14:59:38 | Dark | 42.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 85 | 4974 | No |
| 300 | GOM_NL__2PRFIN20030211_150150_000000502013_00411_04974_5327.N1 | 11-FEB-2003 15:01:50 | Dark | 50.000 | 158 | 6Pi Sco | 2.9060 | 28000. | 100 | 4974 | No |
| 301 | GOM_NL__2PRFIN20030211_150417_000000382013_00411_04974_5328.N1 | 11-FEB-2003 15:04:17 | Dark | 37.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 75 | 4974 | No |
| 302 | GOM_NL__2PRFIN20030211_150551_000000462013_00412_04975_5294.N1 | 11-FEB-2003 15:05:51 | Dark | 45.500 | 131 | Gam Lup | 2.8000 | 26000. | 91 | 4975 | No |
| 303 | GOM_NL__2PRFIN20030211_150818_000000482013_00412_04975_5295.N1 | 11-FEB-2003 15:08:18 | Dark | 47.500 | 109 | Bet Lup | 2.6770 | 26000. | 95 | 4975 | No |
| 304 | GOM_NL__2PRFIN20030211_151211_000000682013_00412_04975_5296.N1 | 11-FEB-2003 15:12:11 | Dark | 68.000 | 54 | 5The Cen | 2.0550 | 4500.0 | 136 | 4975 | No |
| 305 | GOM_NL__2PRFIN20030211_151443_000000502013_00412_04975_5297.N1 | 11-FEB-2003 15:14:43 | Dark | 50.000 | 12 | Alp1Cru | 0.77500 | 30000. | 100 | 4975 | No |
| 306 | GOM_NL__2PRFIN20030211_151605_000000502013_00412_04975_5298.N1 | 11-FEB-2003 15:16:05 | Dark | 49.500 | 64 | Gam Cen | 2.2000 | 10600. | 99 | 4975 | No |
| 307 | GOM_NL__2PRFIN20030211_151808_000000382013_00412_04975_5299.N1 | 11-FEB-2003 15:18:08 | Dark | 38.000 | 159 | Ups Car | 2.9200 | 7200.0 | 76 | 4975 | No |
| 308 | GOM_NL__2PRFIN20030211_152002_000000392013_00412_04975_5300.N1 | 11-FEB-2003 15:20:02 | Dark | 39.000 | 71 | lot Car | 2.2460 | 7700.0 | 78 | 4975 | No |
| 309 | GOM_NL__2PRFIN20030211_152141_000000432013_00412_04975_5301.N1 | 11-FEB-2003 15:21:41 | Dark | 43.000 | 46 | Del Vel | 1.9540 | 10600. | 86 | 4975 | No |
| 310 | GOM_NL__2PRFIN20030211_152421_000000452013_00412_04975_5302.N1 | 11-FEB-2003 15:24:21 | Straylight | 44.500 | 65 | Lam Vel | 2.2040 | 4400.0 | 89 | 4975 | No |
| 311 | GOM_NL__2PRFIN20030211_152611_000000422013_00412_04975_5303.N1 | 11-FEB-2003 15:26:11 | Straylight | 41.500 | 70 | Zet Pup | 2.2460 | 39000. | 83 | 4975 | No |
| 312 | GOM_NL__2PRFIN20030211_152726_000000492013_00412_04975_5304.N1 | 11-FEB-2003 15:27:26 | Straylight | 49.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 98 | 4975 | No |
| 313 | GOM_NL__2PRFIN20030211_153029_000000392013_00412_04975_5305.N1 | 11-FEB-2003 15:30:29 | Straylight | 38.500 | 132 | 15Rho Pup | 2.8030 | 6900.0 | 77 | 4975 | No |
| 314 | GOM_NL__2PRFIN20030211_153434_000000542013_00412_04975_5306.N1 | 11-FEB-2003 15:34:34 | Straylight | 53.500 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 107 | 4975 | No |
| 315 | GOM_NL__2PRFIN20030211_153858_000000452013_00412_04975_5307.N1 | 11-FEB-2003 15:38:58 | Bright | 44.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 89 | 4975 | No |
| 316 | GOM_NL__2PRFIN20030211_154248_000000382013_00412_04975_5308.N1 | 11-FEB-2003 15:42:48 | Bright | 37.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 75 | 4975 | No |
| 317 | GOM_NL__2PRFIN20030211_154520_000000392013_00412_04975_5309.N1 | 11-FEB-2003 15:45:20 | Bright | 38.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 77 | 4975 | No |
| 318 | GOM_NL__2PRFIN20030211_154909_000000382013_00412_04975_5310.N1 | 11-FEB-2003 15:49:09 | Bright | 37.500 | 107 | 37The Aur | 2.6490 | 11000. | 75 | 4975 | No |
| 319 | GOM_NL__2PRFIN20030211_155108_000000372013_00412_04975_5311.N1 | 11-FEB-2003 15:51:08 | Bright | 37.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 74 | 4975 | No |
| 320 | GOM_NL__2PRFIN20030211_155620_000000582013_00412_04975_5312.N1 | 11-FEB-2003 15:56:20 | Bright | 57.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 115 | 4975 | No |
| 321 | GOM_NL__2PRFIN20030211_155845_000000462013_00412_04975_5313.N1 | 11-FEB-2003 15:58:45 | Bright | 45.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 91 | 4975 | No |
| 322 | GOM_NL__2PRFIN20030211_160016_000000522013_00412_04975_5314.N1 | 11-FEB-2003 16:00:16 | Bright | 52.000 | 87 | 64Gam UMa | 2.4330 | 11000. | 104 | 4975 | No |
| 323 | GOM_NL__2PRFIN20030211_160244_000000392013_00412_04975_5315.N1 | 11-FEB-2003 16:02:44 | Bright | 38.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 77 | 4975 | No |
| 324 | GOM_NL__2PRFIN20030211_160508_000000412013_00412_04975_5316.N1 | 11-FEB-2003 16:05:08 | Bright | 40.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 81 | 4975 | No |
| 325 | GOM_NL__2PRFIN20030211_160929_000000372013_00412_04975_5317.N1 | 11-FEB-2003 16:09:29 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 4975 | No |
| 326 | GOM_NL__2PRFIN20030211_161334_000000412013_00412_04975_5318.N1 | 11-FEB-2003 16:13:34 | Bright | 41.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 82 | 4975 | No |
| 327 | GOM_NL__2PRFIN20030211_161519_000000352013_00412_04975_5319.N1 | 11-FEB-2003 16:15:19 | Bright | 35.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 70 | 4975 | No |
| 328 | GOM_NL__2PRFIN20030211_161737_000000402013_00412_04975_5320.N1 | 11-FEB-2003 16:17:37 | Bright | 40.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 80 | 4975 | No |
| 329 | GOM_NL__2PRFIN20030211_162043_000000502013_00412_04975_5321.N1 | 11-FEB-2003 16:20:43 | Bright | 49.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 99 | 4975 | No |
| 330 | GOM_NL__2PRFIN20030211_162420_000000932013_00412_04975_5322.N1 | 11-FEB-2003 16:24:20 | Twl_and_stray | 92.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 185 | 4975 | No |
| 331 | GOM_NL__2PRFIN20030211_162757_000002552013_00412_04975_5323.N1 | 11-FEB-2003 16:27:57 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4975 | No |
| 332 | GOM_NL__2PRFIN20030211_163537_000000432013_00412_04975_5324.N1 | 11-FEB-2003 16:35:37 | Twilight | 42.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 85 | 4975 | No |
| 333 | GOM_NL__2PRFIN20030211_163818_000000392013_00412_04975_5325.N1 | 11-FEB-2003 16:38:18 | Dark | 38.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 77 | 4975 | No |
| 334 | GOM_NL__2PRFIN20030211_164030_000000652013_00412_04975_5326.N1 | 11-FEB-2003 16:40:30 | Dark | 65.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 130 | 4975 | No |
| 335 | GOM_NL__2PRFIN20030211_164227_000000542013_00412_04975_5327.N1 | 11-FEB-2003 16:42:27 | Dark | 53.500 | 158 | 6Pi Sco | 2.9060 | 28000. | 107 | 4975 | No |
| 336 | GOM_NL__2PRFIN20030211_164453_000000412013_00412_04975_5328.N1 | 11-FEB-2003 16:44:53 | Dark | 40.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 81 | 4975 | No |
| 337 | GOM_NL__2PRFIN20030211_164628_000000462013_00413_04976_5294.N1 | 11-FEB-2003 16:46:28 | Dark | 45.500 | 131 | Gam Lup | 2.8000 | 26000. | 91 | 4976 | No |

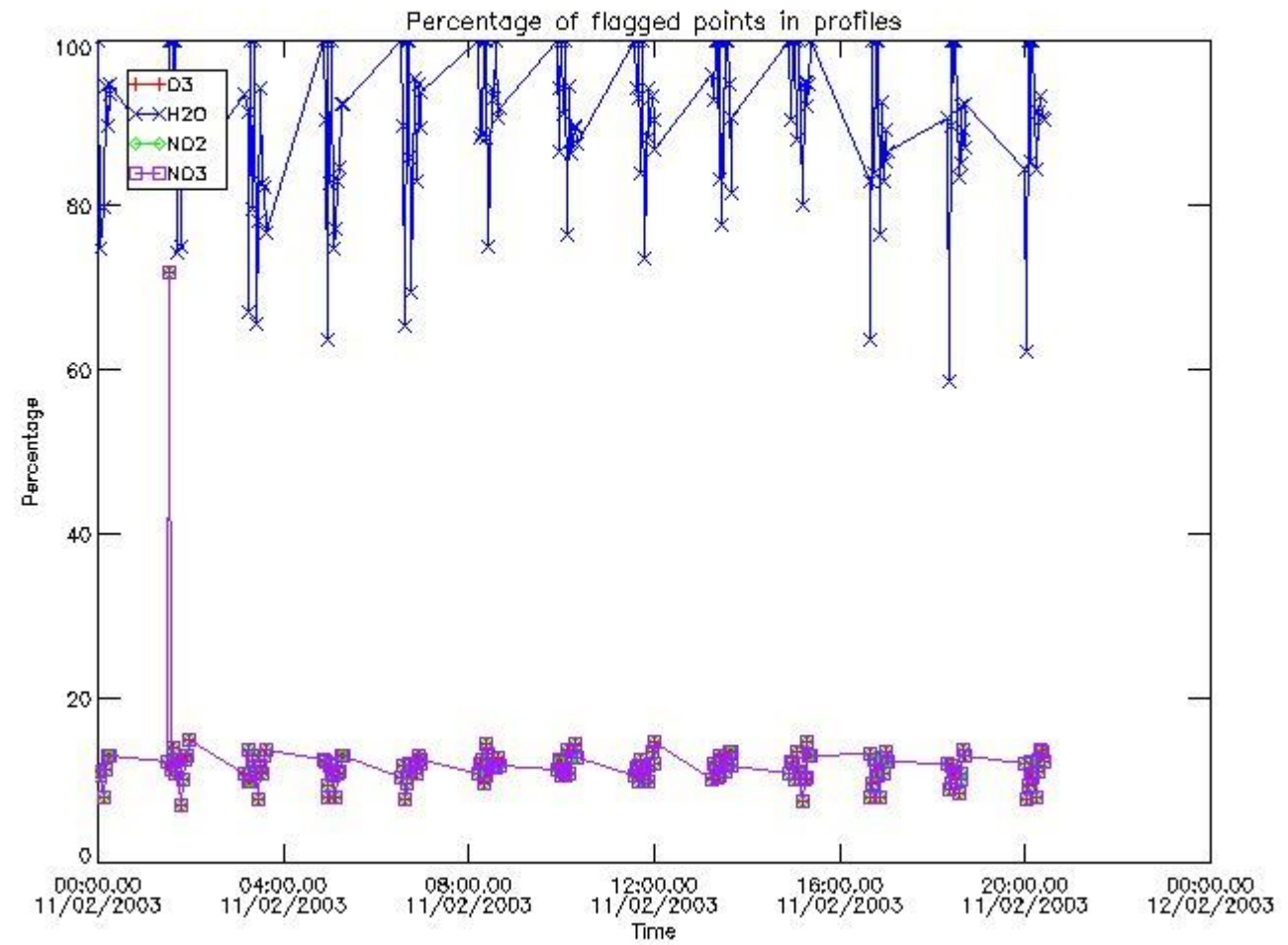
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|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|------|----|
| 338 | GOM_NL__2PRFIN20030211_164855_000000492013_00413_04976_5295.N1 | 11-FEB-2003 16:48:55 | Dark | 48.500 | 109 | Bet Lup | 2.6770 | 26000. | 97 | 4976 | No |
| 339 | GOM_NL__2PRFIN20030211_165248_000000712013_00413_04976_5296.N1 | 11-FEB-2003 16:52:48 | Dark | 70.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 141 | 4976 | No |
| 340 | GOM_NL__2PRFIN20030211_165519_000000482013_00413_04976_5297.N1 | 11-FEB-2003 16:55:19 | Dark | 48.000 | 12 | Alp1Cru | 0.77500 | 30000. | 96 | 4976 | No |
| 341 | GOM_NL__2PRFIN20030211_165642_000000482013_00413_04976_5298.N1 | 11-FEB-2003 16:56:42 | Dark | 47.500 | 64 | Gam Cen | 2.2000 | 10600. | 95 | 4976 | No |
| 342 | GOM_NL__2PRFIN20030211_165844_000000382013_00413_04976_5299.N1 | 11-FEB-2003 16:58:44 | Dark | 37.500 | 159 | Ups Car | 2.9200 | 7200.0 | 75 | 4976 | No |
| 343 | GOM_NL__2PRFIN20030211_170038_000000422013_00413_04976_5300.N1 | 11-FEB-2003 17:00:38 | Dark | 41.500 | 71 | lot Car | 2.2460 | 7700.0 | 83 | 4976 | No |
| 344 | GOM_NL__2PRFIN20030211_170217_000000422013_00413_04976_5301.N1 | 11-FEB-2003 17:02:17 | Dark | 41.500 | 46 | Del Vel | 1.9540 | 10600. | 83 | 4976 | No |
| 345 | GOM_NL__2PRFIN20030211_170458_000000482013_00413_04976_5302.N1 | 11-FEB-2003 17:04:58 | Straylight | 48.000 | 65 | Lam Vel | 2.2040 | 4400.0 | 96 | 4976 | No |
| 346 | GOM_NL__2PRFIN20030211_170647_000000392013_00413_04976_5303.N1 | 11-FEB-2003 17:06:47 | Straylight | 39.000 | 70 | Zet Pup | 2.2460 | 39000. | 78 | 4976 | No |
| 347 | GOM_NL__2PRFIN20030211_170802_000000432013_00413_04976_5304.N1 | 11-FEB-2003 17:08:02 | Straylight | 43.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 86 | 4976 | No |
| 348 | GOM_NL__2PRFIN20030211_171104_000000422013_00413_04976_5305.N1 | 11-FEB-2003 17:11:04 | Straylight | 42.000 | 132 | 15Rho Pup | 2.8030 | 6900.0 | 84 | 4976 | No |
| 349 | GOM_NL__2PRFIN20030211_171509_000000552013_00413_04976_5306.N1 | 11-FEB-2003 17:15:09 | Straylight | 54.500 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 109 | 4976 | No |
| 350 | GOM_NL__2PRFIN20030211_171934_000000452013_00413_04976_5307.N1 | 11-FEB-2003 17:19:34 | Bright | 45.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 90 | 4976 | No |
| 351 | GOM_NL__2PRFIN20030211_172324_000000402013_00413_04976_5308.N1 | 11-FEB-2003 17:23:24 | Bright | 39.500 | 44 | 24Gam Gem | 1.9280 | 11000. | 79 | 4976 | No |
| 352 | GOM_NL__2PRFIN20030211_172555_000000392013_00413_04976_5309.N1 | 11-FEB-2003 17:25:55 | Bright | 39.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 78 | 4976 | No |
| 353 | GOM_NL__2PRFIN20030211_172945_000000372013_00413_04976_5310.N1 | 11-FEB-2003 17:29:45 | Bright | 37.000 | 107 | 37The Aur | 2.6490 | 11000. | 74 | 4976 | No |
| 354 | GOM_NL__2PRFIN20030211_173145_000000382013_00413_04976_5311.N1 | 11-FEB-2003 17:31:45 | Bright | 38.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 76 | 4976 | No |
| 355 | GOM_NL__2PRFIN20030211_173655_000000582013_00413_04976_5312.N1 | 11-FEB-2003 17:36:55 | Bright | 57.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 115 | 4976 | No |
| 356 | GOM_NL__2PRFIN20030211_173920_000000432013_00413_04976_5313.N1 | 11-FEB-2003 17:39:20 | Bright | 43.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 86 | 4976 | No |
| 357 | GOM_NL__2PRFIN20030211_174051_000000552013_00413_04976_5314.N1 | 11-FEB-2003 17:40:51 | Bright | 54.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 109 | 4976 | No |
| 358 | GOM_NL__2PRFIN20030211_174320_000000362013_00413_04976_5315.N1 | 11-FEB-2003 17:43:20 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 4976 | No |
| 359 | GOM_NL__2PRFIN20030211_174543_000000442013_00413_04976_5316.N1 | 11-FEB-2003 17:45:43 | Bright | 43.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 87 | 4976 | No |
| 360 | GOM_NL__2PRFIN20030211_175005_000000372013_00413_04976_5317.N1 | 11-FEB-2003 17:50:05 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 4976 | No |
| 361 | GOM_NL__2PRFIN20030211_175410_000000422013_00413_04976_5318.N1 | 11-FEB-2003 17:54:10 | Bright | 41.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 83 | 4976 | No |
| 362 | GOM_NL__2PRFIN20030211_175555_000000362013_00413_04976_5319.N1 | 11-FEB-2003 17:55:55 | Bright | 36.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 72 | 4976 | No |
| 363 | GOM_NL__2PRFIN20030211_175813_000000392013_00413_04976_5320.N1 | 11-FEB-2003 17:58:13 | Bright | 39.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 78 | 4976 | No |
| 364 | GOM_NL__2PRFIN20030211_180118_000000522013_00413_04976_5321.N1 | 11-FEB-2003 18:01:18 | Bright | 52.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 104 | 4976 | No |
| 365 | GOM_NL__2PRFIN20030211_180456_000000942013_00413_04976_5322.N1 | 11-FEB-2003 18:04:56 | Twilight | 93.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 187 | 4976 | No |
| 366 | GOM_NL__2PRFIN20030211_180836_000002552013_00413_04976_5323.N1 | 11-FEB-2003 18:08:36 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4976 | No |
| 367 | GOM_NL__2PRFIN20030211_181613_000000422013_00413_04976_5324.N1 | 11-FEB-2003 18:16:13 | Twilight | 41.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 83 | 4976 | No |
| 368 | GOM_NL__2PRFIN20030211_181854_000000432013_00413_04976_5325.N1 | 11-FEB-2003 18:18:54 | Dark | 42.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 85 | 4976 | No |
| 369 | GOM_NL__2PRFIN20030211_182107_000000572013_00413_04976_5326.N1 | 11-FEB-2003 18:21:07 | Dark | 57.000 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 114 | 4976 | No |
| 370 | GOM_NL__2PRFIN20030211_182305_000000532013_00413_04976_5327.N1 | 11-FEB-2003 18:23:05 | Dark | 52.500 | 158 | 6Pi Sco | 2.9060 | 28000. | 105 | 4976 | No |
| 371 | GOM_NL__2PRFIN20030211_182529_000000442013_00413_04976_5328.N1 | 11-FEB-2003 18:25:29 | Dark | 43.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 87 | 4976 | No |
| 372 | GOM_NL__2PRFIN20030211_182705_000000462013_00414_04977_5294.N1 | 11-FEB-2003 18:27:05 | Dark | 46.000 | 131 | Gam Lup | 2.8000 | 26000. | 92 | 4977 | No |
| 373 | GOM_NL__2PRFIN20030211_182932_000000472013_00414_04977_5295.N1 | 11-FEB-2003 18:29:32 | Dark | 47.000 | 109 | Bet Lup | 2.6770 | 26000. | 94 | 4977 | No |
| 374 | GOM_NL__2PRFIN20030211_183325_000000612013_00414_04977_5296.N1 | 11-FEB-2003 18:33:25 | Dark | 61.000 | 54 | 5The Cen | 2.0550 | 4500.0 | 122 | 4977 | No |
| 375 | GOM_NL__2PRFIN20030211_183556_000000512013_00414_04977_5297.N1 | 11-FEB-2003 18:35:56 | Dark | 50.500 | 12 | Alp1Cru | 0.77500 | 30000. | 101 | 4977 | No |
| 376 | GOM_NL__2PRFIN20030211_183719_000000472013_00414_04977_5298.N1 | 11-FEB-2003 18:37:19 | Dark | 47.000 | 64 | Gam Cen | 2.2000 | 10600. | 94 | 4977 | No |
| 377 | GOM_NL__2PRFIN20030211_183920_000000372013_00414_04977_5299.N1 | 11-FEB-2003 18:39:20 | Dark | 37.000 | 159 | Ups Car | 2.9200 | 7200.0 | 74 | 4977 | No |
| 378 | GOM_NL__2PRFIN20030211_184114_000000392013_00414_04977_5300.N1 | 11-FEB-2003 18:41:14 | Dark | 39.000 | 71 | lot Car | 2.2460 | 7700.0 | 78 | 4977 | No |
| 379 | GOM_NL__2PRFIN20030211_184253_000000392013_00414_04977_5301.N1 | 11-FEB-2003 18:42:53 | Dark | 38.500 | 46 | Del Vel | 1.9540 | 10600. | 77 | 4977 | No |
| 380 | GOM_NL__2PRFIN20030211_184533_000000462013_00414_04977_5302.N1 | 11-FEB-2003 18:45:33 | Straylight | 46.000 | 65 | Lam Vel | 2.2040 | 4400.0 | 92 | 4977 | No |
| 381 | GOM_NL__2PRFIN20030211_184723_000000412013_00414_04977_5303.N1 | 11-FEB-2003 18:47:23 | Straylight | 40.500 | 70 | Zet Pup | 2.2460 | 39000. | 81 | 4977 | No |
| 382 | GOM_NL__2PRFIN20030211_184838_000000432013_00414_04977_5304.N1 | 11-FEB-2003 18:48:38 | Straylight | 43.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 86 | 4977 | No |
| 383 | GOM_NL__2PRFIN20030211_185140_000000412013_00414_04977_5305.N1 | 11-FEB-2003 18:51:40 | Straylight | 41.000 | 132 | 15Rho Pup | 2.8030 | 6900.0 | 82 | 4977 | No |
| 384 | GOM_NL__2PRFIN20030211_185545_000000602013_00414_04977_5306.N1 | 11-FEB-2003 18:55:45 | Straylight | 60.000 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 120 | 4977 | No |
| 385 | GOM_NL__2PRFIN20030211_190010_000000522013_00414_04977_5307.N1 | 11-FEB-2003 19:00:10 | Bright | 52.000 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 104 | 4977 | No |
| 386 | GOM_NL__2PRFIN20030211_190400_000000382013_00414_04977_5308.N1 | 11-FEB-2003 19:04:00 | Bright | 38.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 76 | 4977 | No |
| 387 | GOM_NL__2PRFIN20030211_190631_000000392013_00414_04977_5309.N1 | 11-FEB-2003 19:06:31 | Bright | 39.000 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 78 | 4977 | No |
| 388 | GOM_NL__2PRFIN20030211_191022_000000382013_00414_04977_5310.N1 | 11-FEB-2003 19:10:22 | Bright | 37.500 | 107 | 37The Aur | 2.6490 | 11000. | 75 | 4977 | No |
| 389 | GOM_NL__2PRFIN20030211_191221_000000382013_00414_04977_5311.N1 | 11-FEB-2003 19:12:21 | Bright | 38.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 76 | 4977 | No |
| 390 | GOM_NL__2PRFIN20030211_191730_000000562013_00414_04977_5312.N1 | 11-FEB-2003 19:17:30 | Bright | 56.000 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 112 | 4977 | No |
| 391 | GOM_NL__2PRFIN20030211_191955_000000462013_00414_04977_5313.N1 | 11-FEB-2003 19:19:55 | Bright | 46.000 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 92 | 4977 | No |
| 392 | GOM_NL__2PRFIN20030211_192126_000000502013_00414_04977_5314.N1 | 11-FEB-2003 19:21:26 | Bright | 49.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 99 | 4977 | No |
| 393 | GOM_NL__2PRFIN20030211_192356_000000372013_00414_04977_5315.N1 | 11-FEB-2003 19:23:56 | Bright | 37.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 74 | 4977 | No |
| 394 | GOM_NL__2PRFIN20030211_192619_000000412013_00414_04977_5316.N1 | 11-FEB-2003 19:26:19 | Bright | 41.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 82 | 4977 | No |
| 395 | GOM_NL__2PRFIN20030211_193041_000000352013_00414_04977_5317.N1 | 11-FEB-2003 19:30:41 | Bright | 34.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 69 | 4977 | No |
| 396 | GOM_NL__2PRFIN20030211_193445_000000422013_00414_04977_5318.N1 | 11-FEB-2003 19:34:45 | Bright | 42.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 84 | 4977 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|------|----|
| 397 | GOM_NL__2PRFIN20030211_193631_000000362013_00414_04977_5319.N1 | 11-FEB-2003 19:36:31 | Bright | 36.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 72 | 4977 | No |
| 398 | GOM_NL__2PRFIN20030211_193849_000000362013_00414_04977_5320.N1 | 11-FEB-2003 19:38:49 | Bright | 35.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 71 | 4977 | No |
| 399 | GOM_NL__2PRFIN20030211_194154_000000542013_00414_04977_5321.N1 | 11-FEB-2003 19:41:54 | Bright | 53.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 107 | 4977 | No |
| 400 | GOM_NL__2PRFIN20030211_194533_000000952013_00414_04977_5322.N1 | 11-FEB-2003 19:45:33 | Twilight | 95.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 190 | 4977 | No |
| 401 | GOM_NL__2PRFIN20030211_194916_000002552013_00414_04977_5323.N1 | 11-FEB-2003 19:49:16 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4977 | No |
| 402 | GOM_NL__2PRFIN20030211_195649_000000402013_00414_04977_5324.N1 | 11-FEB-2003 19:56:49 | Twilight | 40.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 80 | 4977 | No |
| 403 | GOM_NL__2PRFIN20030211_195930_000000422013_00414_04977_5325.N1 | 11-FEB-2003 19:59:30 | Dark | 42.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 84 | 4977 | No |
| 404 | GOM_NL__2PRFIN20030211_200144_000000672013_00414_04977_5326.N1 | 11-FEB-2003 20:01:44 | Dark | 66.500 | 16 | 21Alp Sco | 1.0200 | 3000.0 | 133 | 4977 | No |
| 405 | GOM_NL__2PRFIN20030211_200342_000000542013_00414_04977_5327.N1 | 11-FEB-2003 20:03:42 | Dark | 54.000 | 158 | 6Pi Sco | 2.9060 | 28000. | 108 | 4977 | No |
| 406 | GOM_NL__2PRFIN20030211_200605_000000422013_00414_04977_5328.N1 | 11-FEB-2003 20:06:05 | Dark | 41.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 83 | 4977 | No |
| 407 | GOM_NL__2PRFIN20030211_200741_000000472013_00415_04978_5294.N1 | 11-FEB-2003 20:07:41 | Dark | 46.500 | 131 | Gam Lup | 2.8000 | 26000. | 93 | 4978 | No |
| 408 | GOM_NL__2PRFIN20030211_201009_000000502013_00415_04978_5295.N1 | 11-FEB-2003 20:10:09 | Dark | 49.500 | 109 | Bet Lup | 2.6770 | 26000. | 99 | 4978 | No |
| 409 | GOM_NL__2PRFIN20030211_201402_000000652013_00415_04978_5296.N1 | 11-FEB-2003 20:14:02 | Dark | 64.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 129 | 4978 | No |
| 410 | GOM_NL__2PRFIN20030211_201632_000000412013_00415_04978_5297.N1 | 11-FEB-2003 20:16:32 | Dark | 41.000 | 12 | Alp1Cru | 0.77500 | 30000. | 82 | 4978 | No |
| 411 | GOM_NL__2PRFIN20030211_201755_000000462013_00415_04978_5298.N1 | 11-FEB-2003 20:17:55 | Dark | 46.000 | 64 | Gam Cen | 2.2000 | 10600. | 92 | 4978 | No |
| 412 | GOM_NL__2PRFIN20030211_201956_000000372013_00415_04978_5299.N1 | 11-FEB-2003 20:19:56 | Dark | 37.000 | 159 | Ups Car | 2.9200 | 7200.0 | 74 | 4978 | No |
| 413 | GOM_NL__2PRFIN20030211_202150_000000382013_00415_04978_5300.N1 | 11-FEB-2003 20:21:50 | Dark | 38.000 | 71 | lot Car | 2.2460 | 7700.0 | 76 | 4978 | No |
| 414 | GOM_NL__2PRFIN20030211_202329_000000422013_00415_04978_5301.N1 | 11-FEB-2003 20:23:29 | Dark | 41.500 | 46 | Del Vel | 1.9540 | 10600. | 83 | 4978 | No |
| 415 | GOM_NL__2PRFIN20030211_202610_000000462013_00415_04978_5302.N1 | 11-FEB-2003 20:26:10 | Straylight | 46.000 | 65 | Lam Vel | 2.2040 | 4400.0 | 92 | 4978 | No |
| 416 | GOM_NL__2PRFIN20030211_202759_000000392013_00415_04978_5303.N1 | 11-FEB-2003 20:27:59 | Straylight | 38.500 | 70 | Zet Pup | 2.2460 | 39000. | 77 | 4978 | No |
| 417 | GOM_NL__2PRFIN20030211_202914_000000432013_00415_04978_5304.N1 | 11-FEB-2003 20:29:14 | Straylight | 43.000 | 117 | Pi Pup | 2.7060 | 3800.0 | 86 | 4978 | No |
| 418 | GOM_NL__2PRFIN20030211_203217_000000402013_00415_04978_5305.N1 | 11-FEB-2003 20:32:17 | Straylight | 39.500 | 132 | 15Rho Pup | 2.8030 | 6900.0 | 79 | 4978 | No |
| 419 | GOM_NL__2PRFIN20030211_203621_000000552013_00415_04978_5306.N1 | 11-FEB-2003 20:36:21 | Straylight | 54.500 | 48 | 30Alp Hya | 1.9770 | 4100.0 | 109 | 4978 | No |
| 420 | GOM_NL__2PRFIN20030211_204046_000000492013_00415_04978_5307.N1 | 11-FEB-2003 20:40:46 | Bright | 48.500 | 8 | 10Alp CMi | 0.40000 | 6500.0 | 97 | 4978 | No |
| 421 | GOM_NL__2PRFIN20030211_204436_000000372013_00415_04978_5308.N1 | 11-FEB-2003 20:44:36 | Bright | 37.000 | 44 | 24Gam Gem | 1.9280 | 11000. | 74 | 4978 | No |
| 422 | GOM_NL__2PRFIN20030211_204707_000000402013_00415_04978_5309.N1 | 11-FEB-2003 20:47:07 | Bright | 39.500 | 17 | 78Bet Gem | 1.1610 | 4500.0 | 79 | 4978 | No |
| 423 | GOM_NL__2PRFIN20030211_205058_000000382013_00415_04978_5310.N1 | 11-FEB-2003 20:50:58 | Bright | 37.500 | 107 | 37The Aur | 2.6490 | 11000. | 75 | 4978 | No |
| 424 | GOM_NL__2PRFIN20030211_205257_000000382013_00415_04978_5311.N1 | 11-FEB-2003 20:52:57 | Bright | 38.000 | 42 | 34Bet Aur | 1.9000 | 10200. | 76 | 4978 | No |
| 425 | GOM_NL__2PRFIN20030211_205804_000000592013_00415_04978_5312.N1 | 11-FEB-2003 20:58:04 | Bright | 58.500 | 174 | 52Psi UMa | 3.0040 | 4400.0 | 117 | 4978 | No |
| 426 | GOM_NL__2PRFIN20030211_210031_000000442013_00415_04978_5313.N1 | 11-FEB-2003 21:00:31 | Bright | 43.500 | 36 | 50Alp UMa | 1.8000 | 6300.0 | 87 | 4978 | No |
| 427 | GOM_NL__2PRFIN20030211_210201_000000522013_00415_04978_5314.N1 | 11-FEB-2003 21:02:01 | Bright | 51.500 | 87 | 64Gam UMa | 2.4330 | 11000. | 103 | 4978 | No |
| 428 | GOM_NL__2PRFIN20030211_210432_000000362013_00415_04978_5315.N1 | 11-FEB-2003 21:04:32 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 4978 | No |
| 429 | GOM_NL__2PRFIN20030211_210655_000000422013_00415_04978_5316.N1 | 11-FEB-2003 21:06:55 | Bright | 42.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 84 | 4978 | No |
| 430 | GOM_NL__2PRFIN20030211_211117_000000372013_00415_04978_5317.N1 | 11-FEB-2003 21:11:17 | Bright | 37.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 74 | 4978 | No |
| 431 | GOM_NL__2PRFIN20030211_211521_000000412013_00415_04978_5318.N1 | 11-FEB-2003 21:15:21 | Bright | 40.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 81 | 4978 | No |
| 432 | GOM_NL__2PRFIN20030211_211707_000000342013_00415_04978_5319.N1 | 11-FEB-2003 21:17:07 | Bright | 34.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 68 | 4978 | No |
| 433 | GOM_NL__2PRFIN20030211_211925_000000372013_00415_04978_5320.N1 | 11-FEB-2003 21:19:25 | Bright | 37.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 74 | 4978 | No |
| 434 | GOM_NL__2PRFIN20030211_212231_000000532013_00415_04978_5321.N1 | 11-FEB-2003 21:22:31 | Bright | 53.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 106 | 4978 | No |
| 435 | GOM_NL__2PRFIN20030211_212609_000000902013_00415_04978_5322.N1 | 11-FEB-2003 21:26:09 | Twilight | 90.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 180 | 4978 | No |
| 436 | GOM_NL__2PRFIN20030211_212955_000002552013_00415_04978_5323.N1 | 11-FEB-2003 21:29:55 | Straylight | 255.00 | 83 | | 2.3780 | 11000. | 510 | 4978 | No |
| 437 | GOM_NL__2PRFIN20030211_213725_000000382013_00415_04978_5324.N1 | 11-FEB-2003 21:37:25 | Twilight | 38.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 76 | 4978 | No |

3. Quality information per product

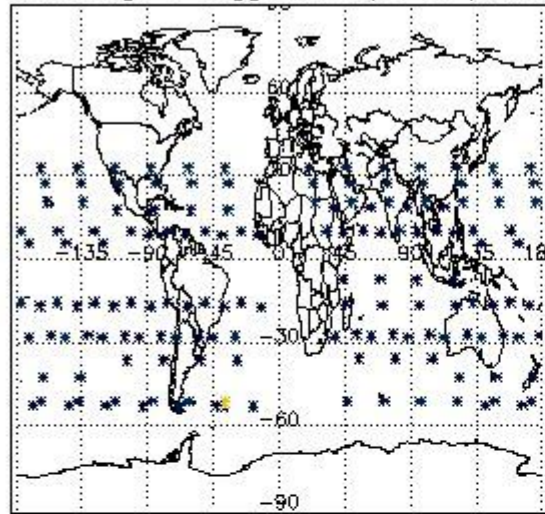
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

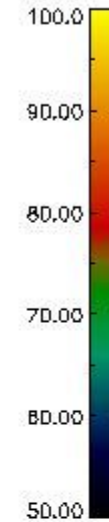
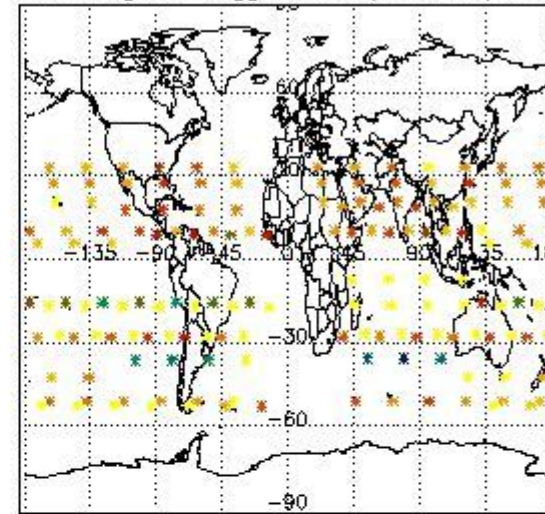


3.2 Plot quality information per product (world map)

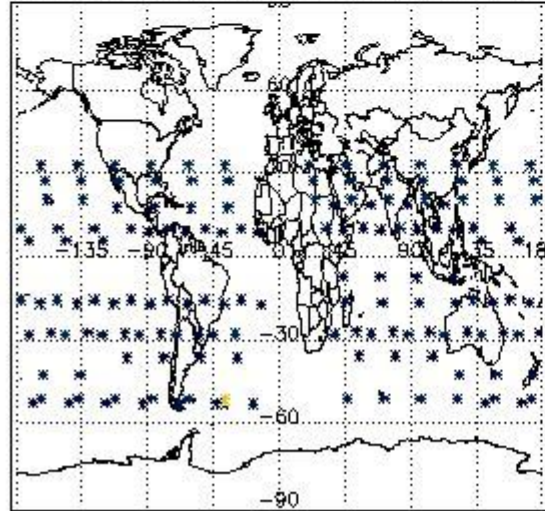
Percentage of flagged data per O3 profile



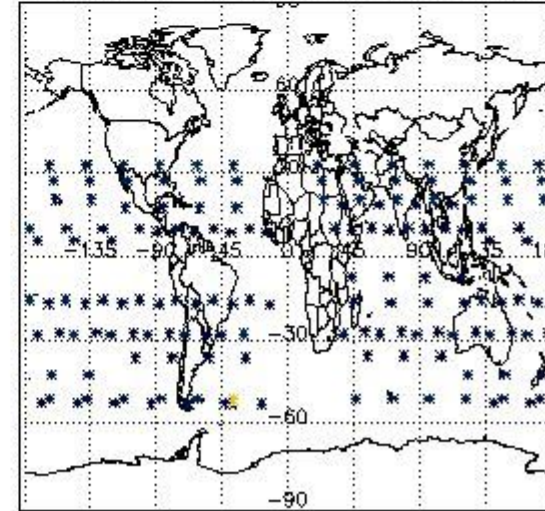
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

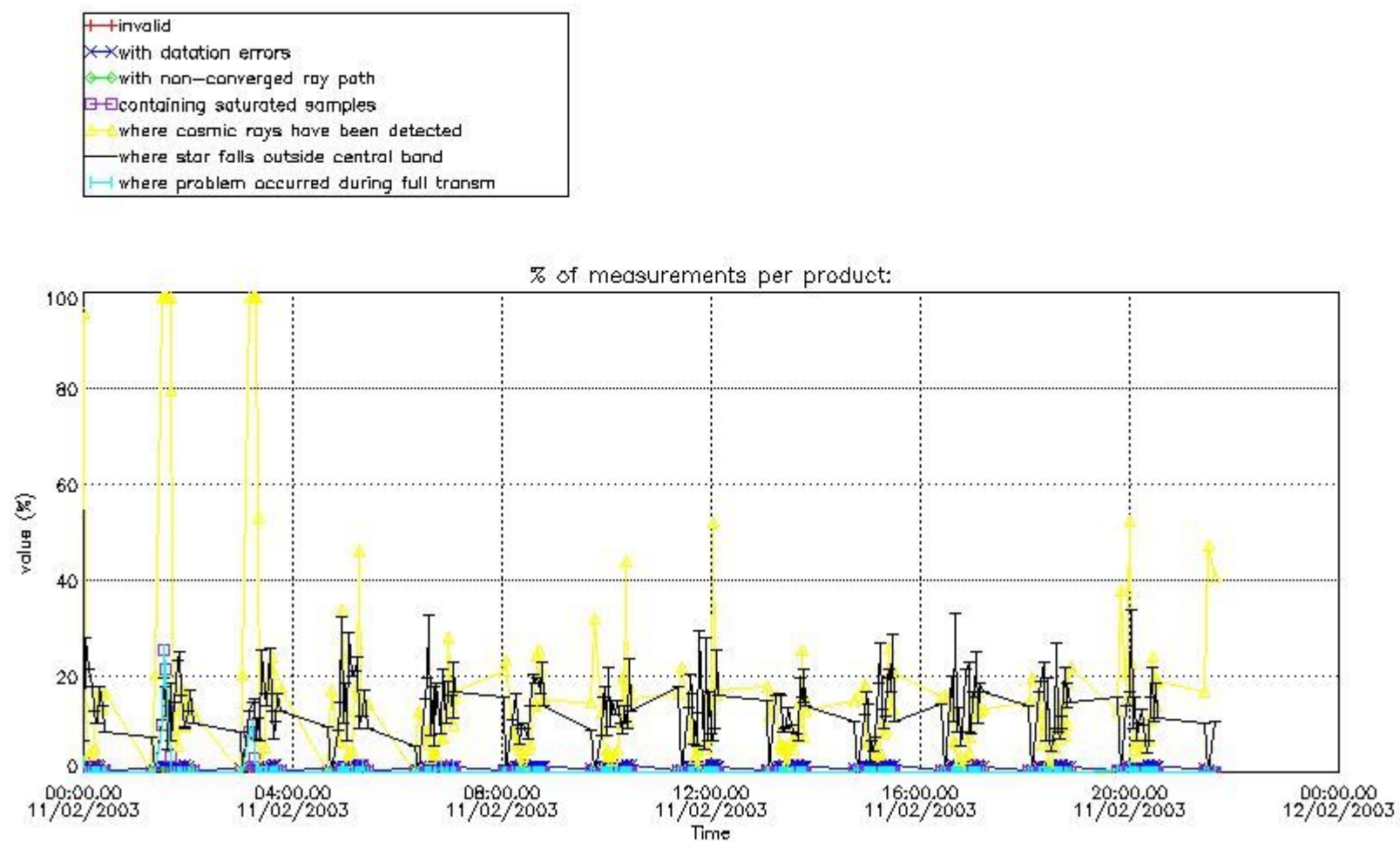


4. Level 1 quality information per product

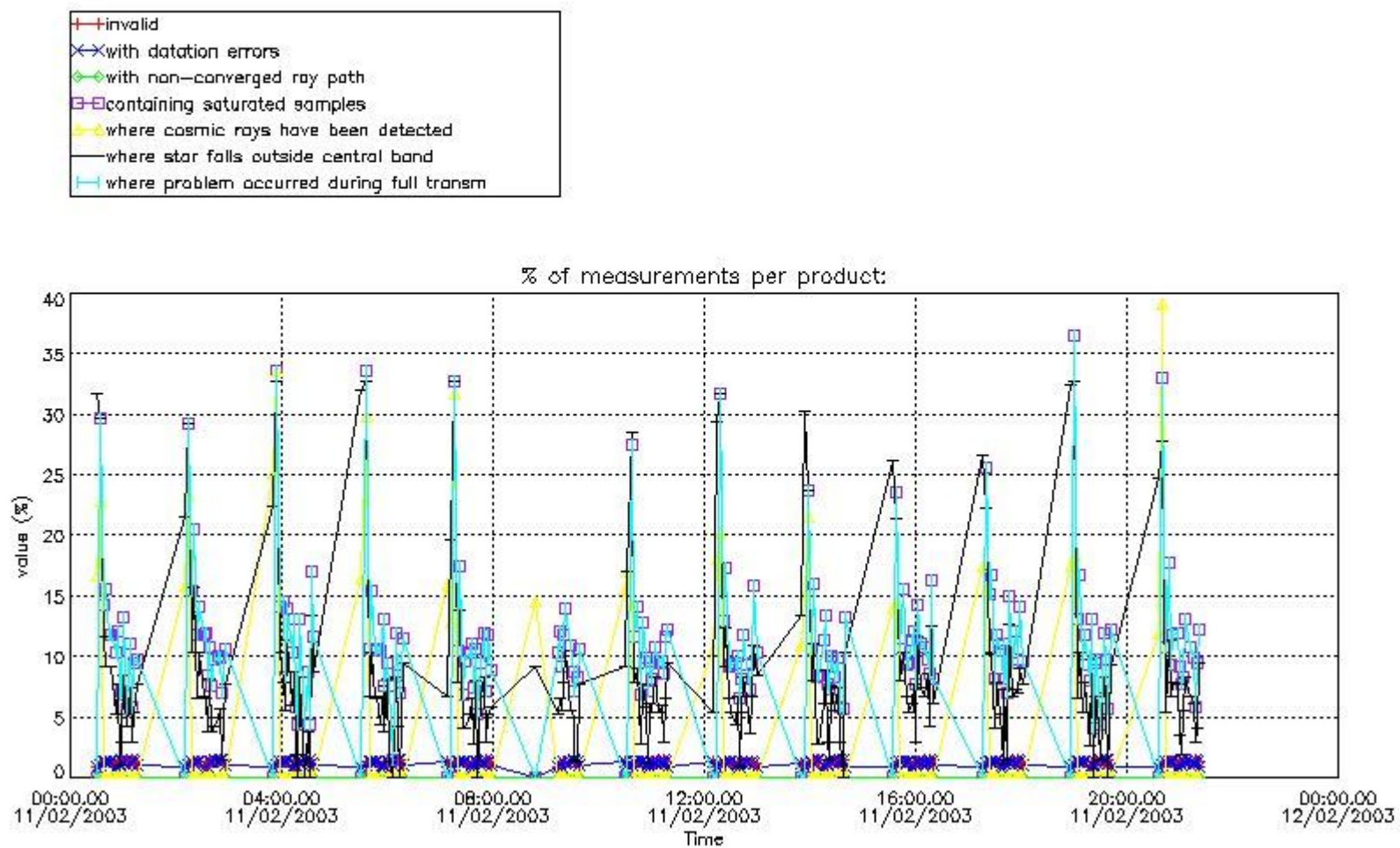
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

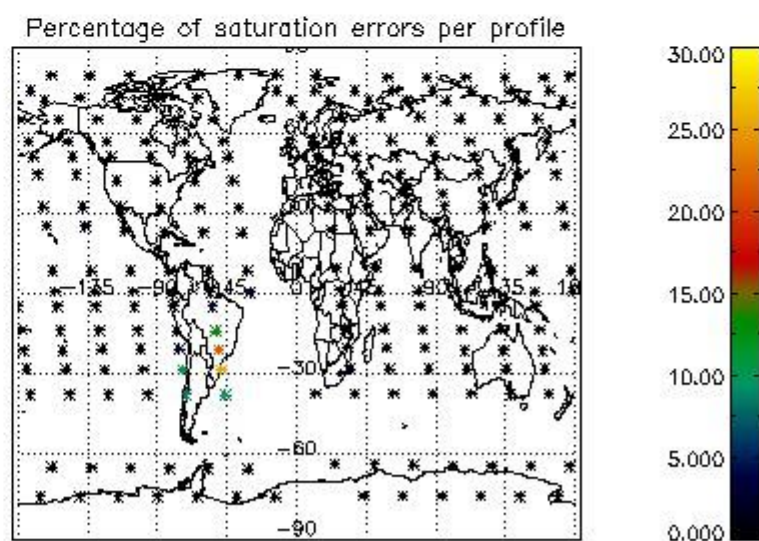
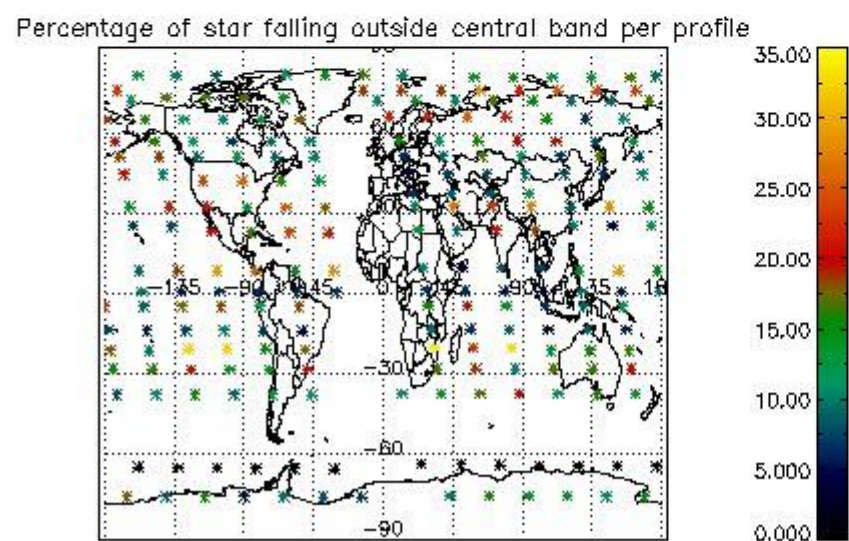
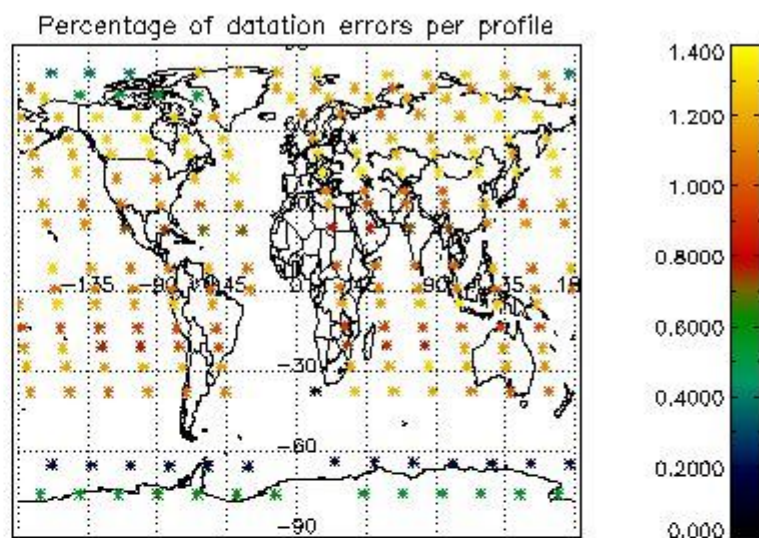
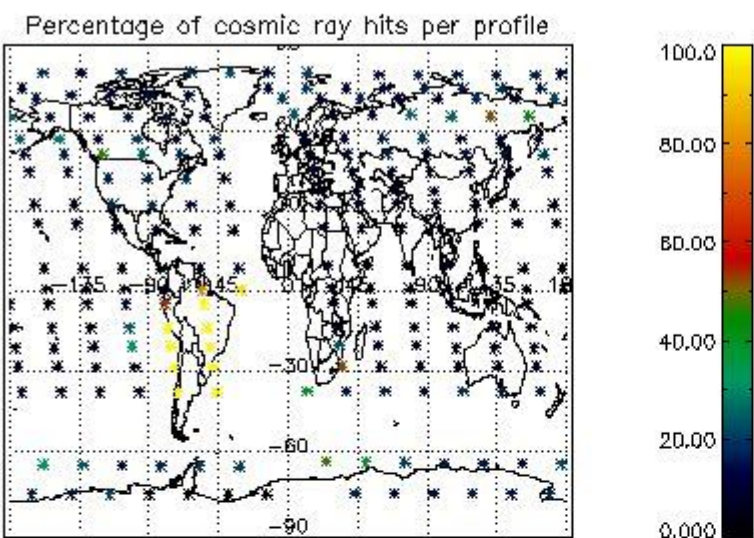


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

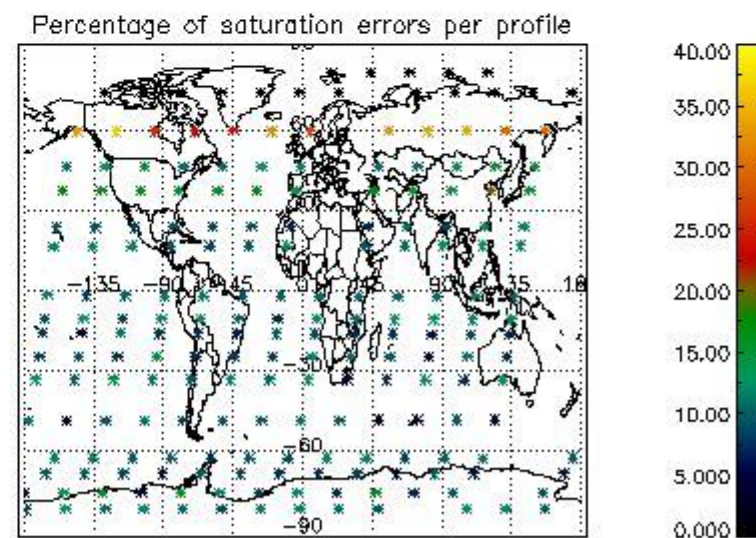
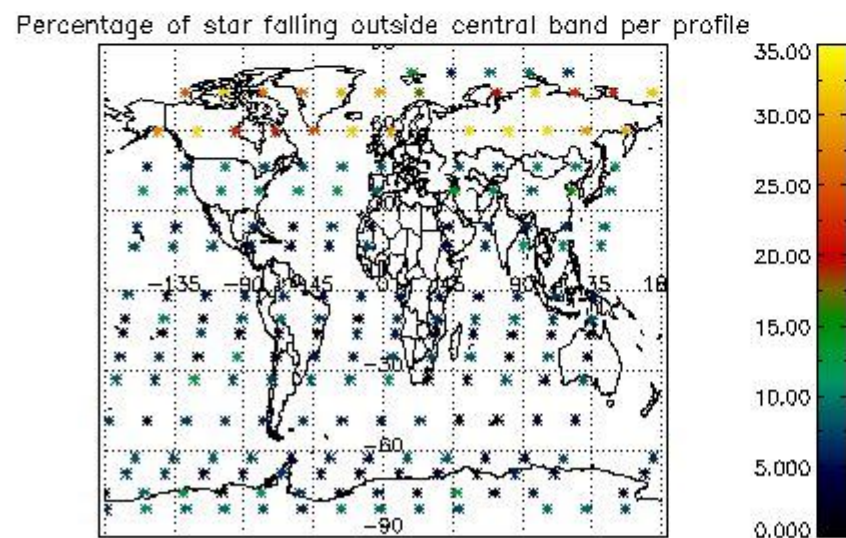
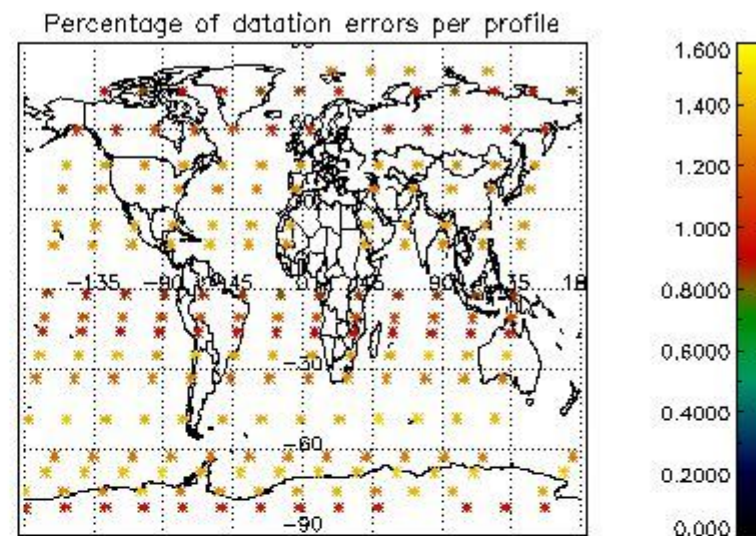
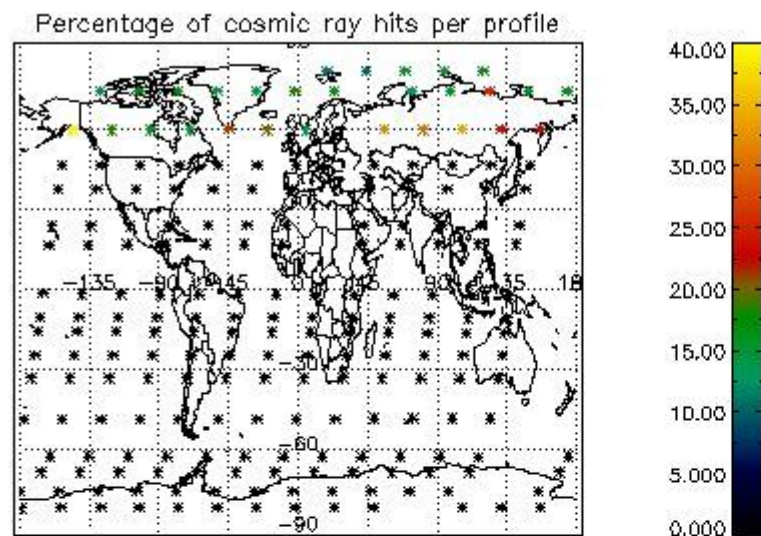


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

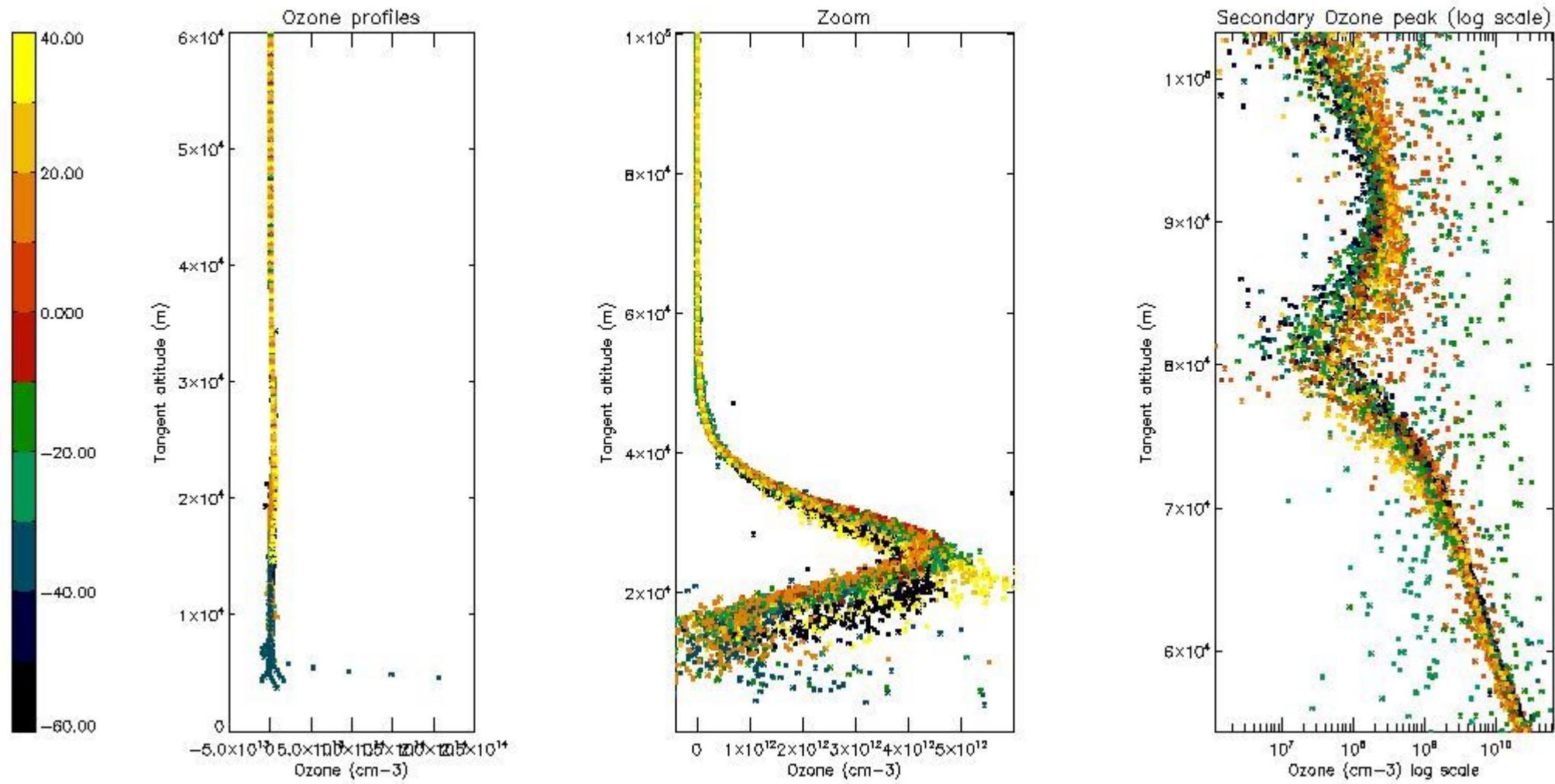
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 30 |
| STD < 20 | 17 |

| | |
|----------|----|
| STD < 10 | 14 |
| STD < 5 | 10 |

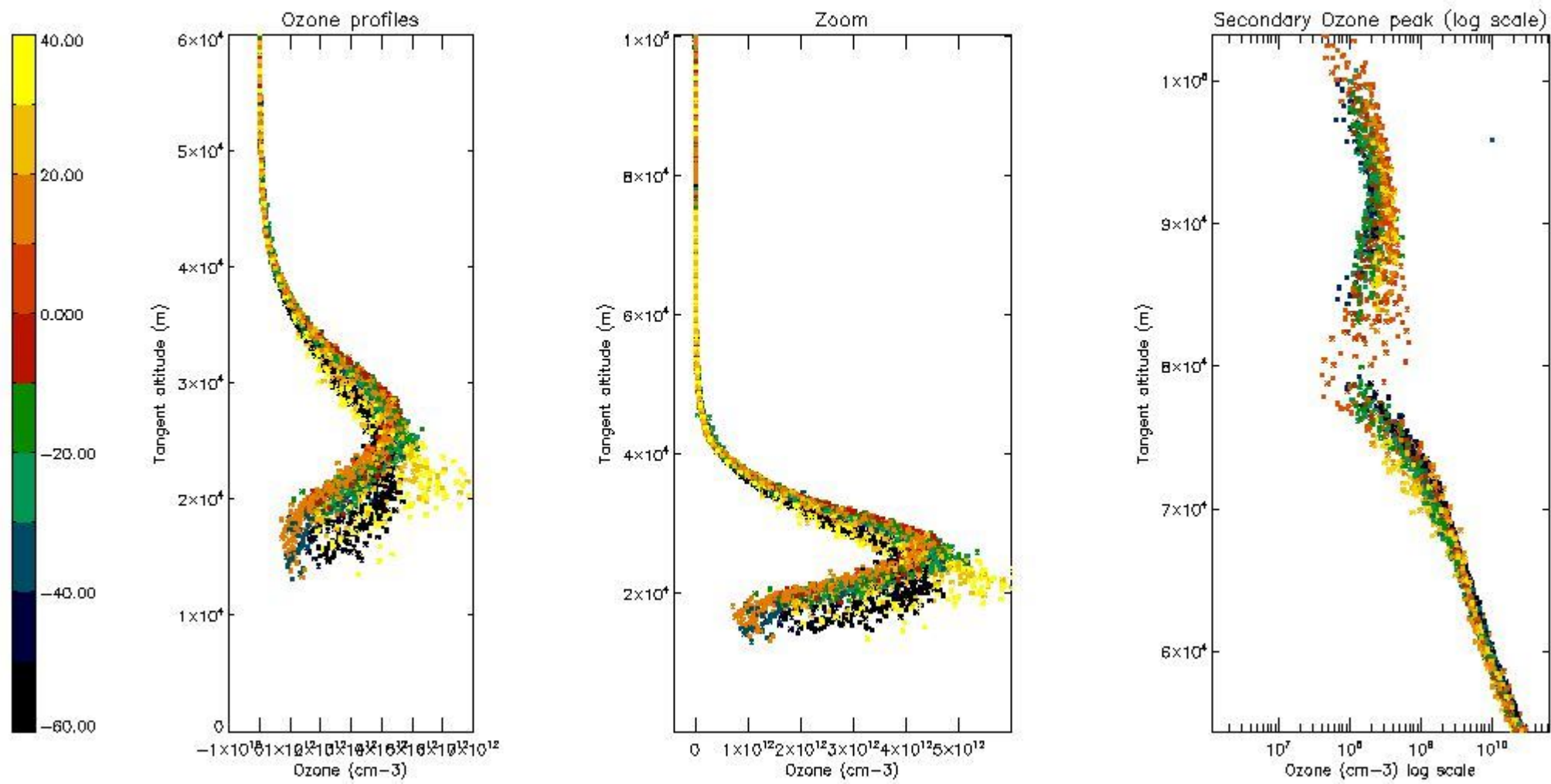
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



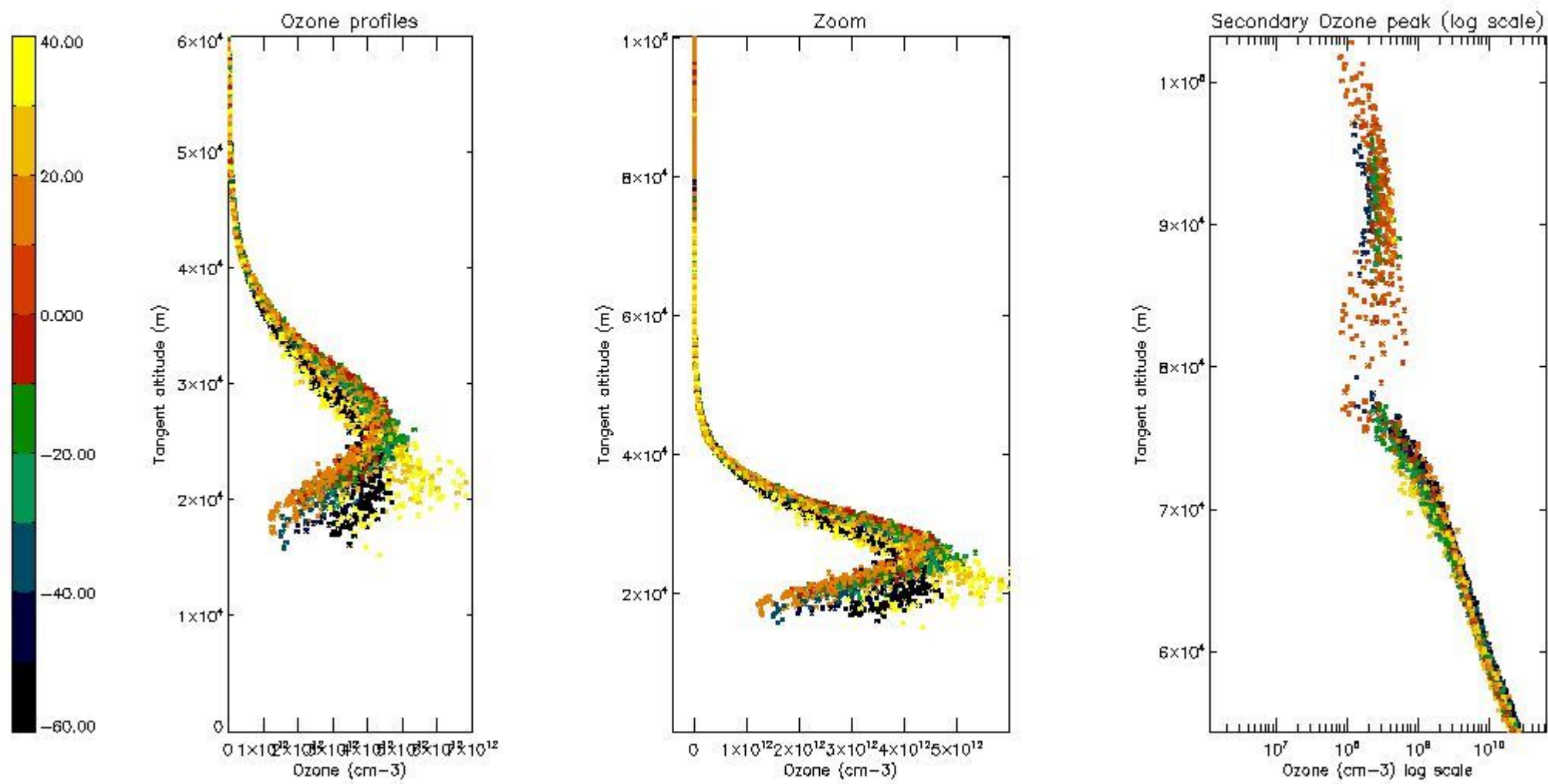
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



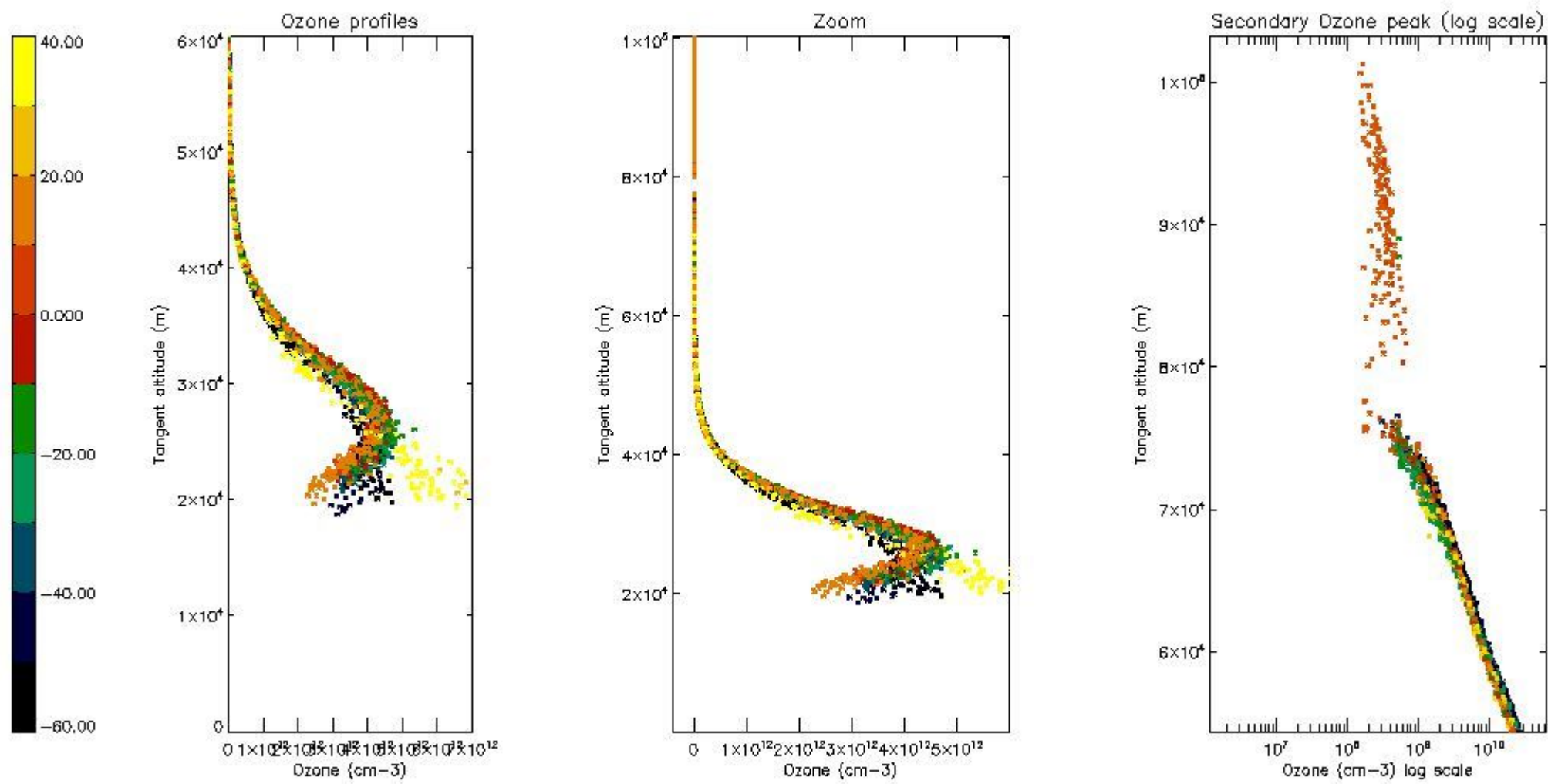
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



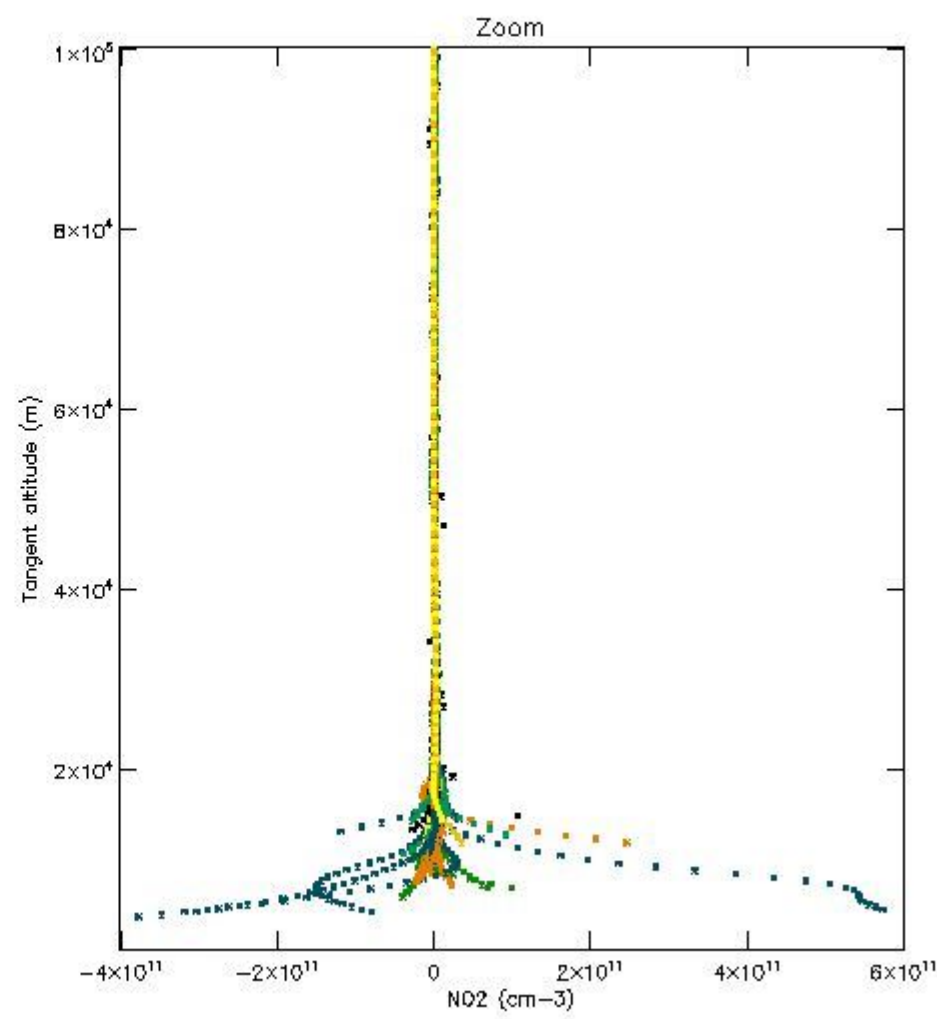
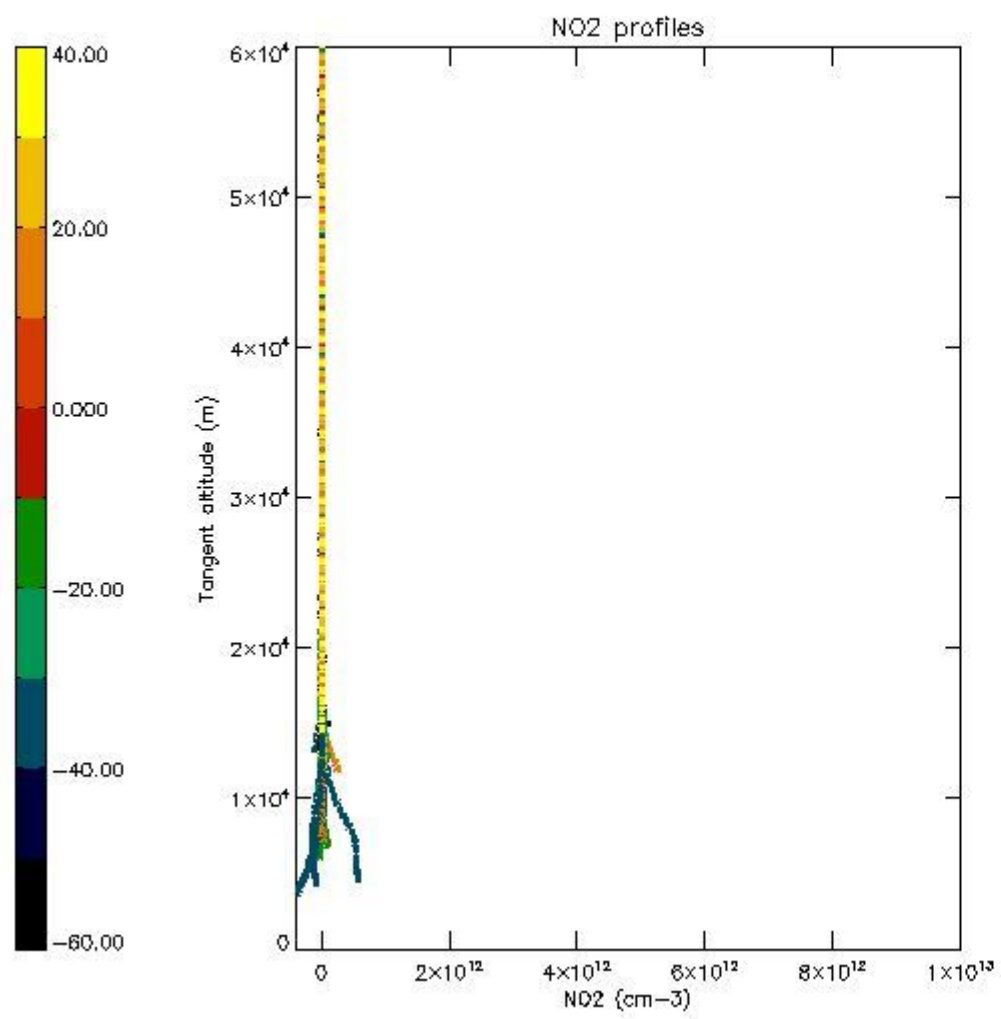
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



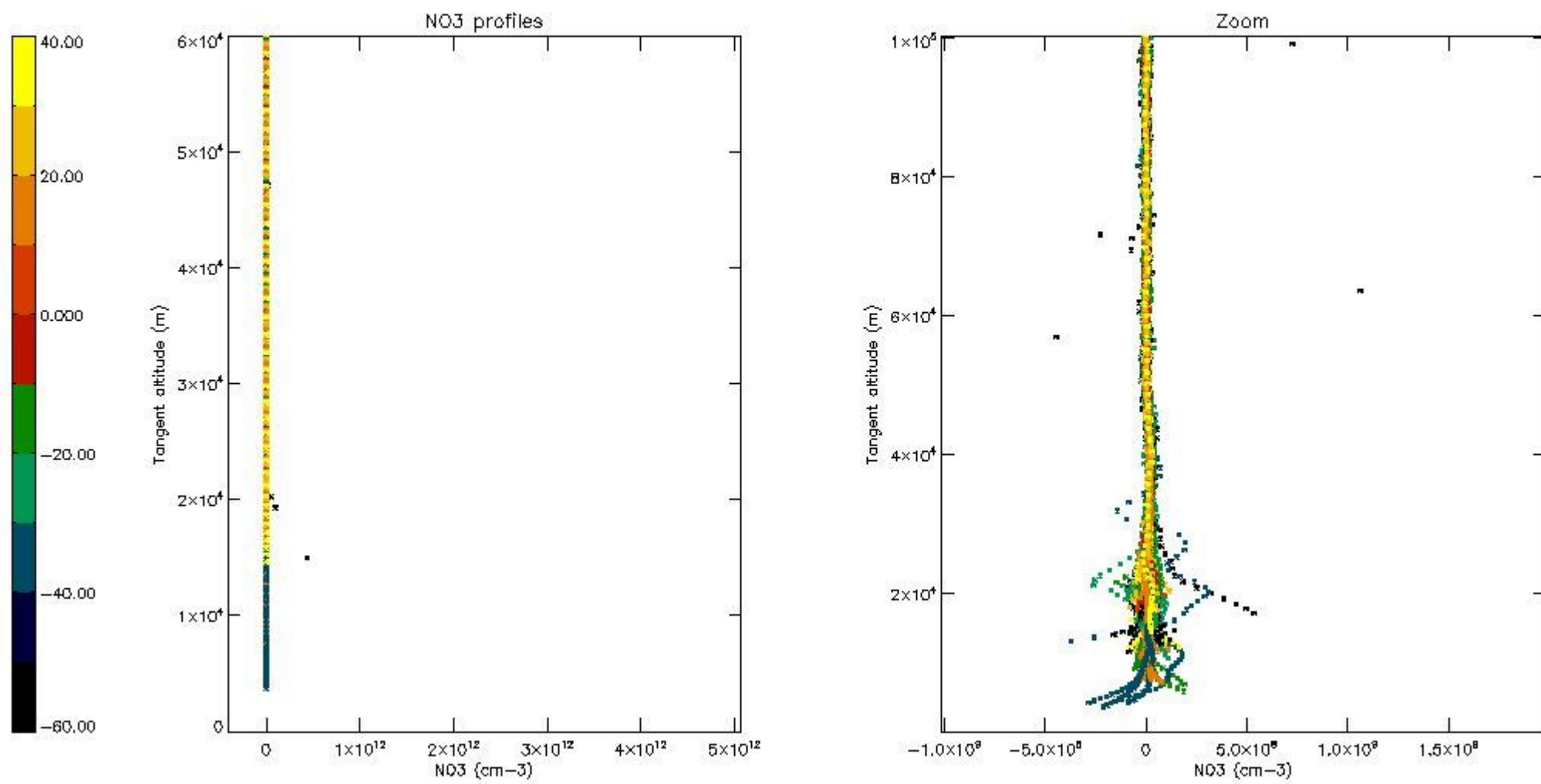
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



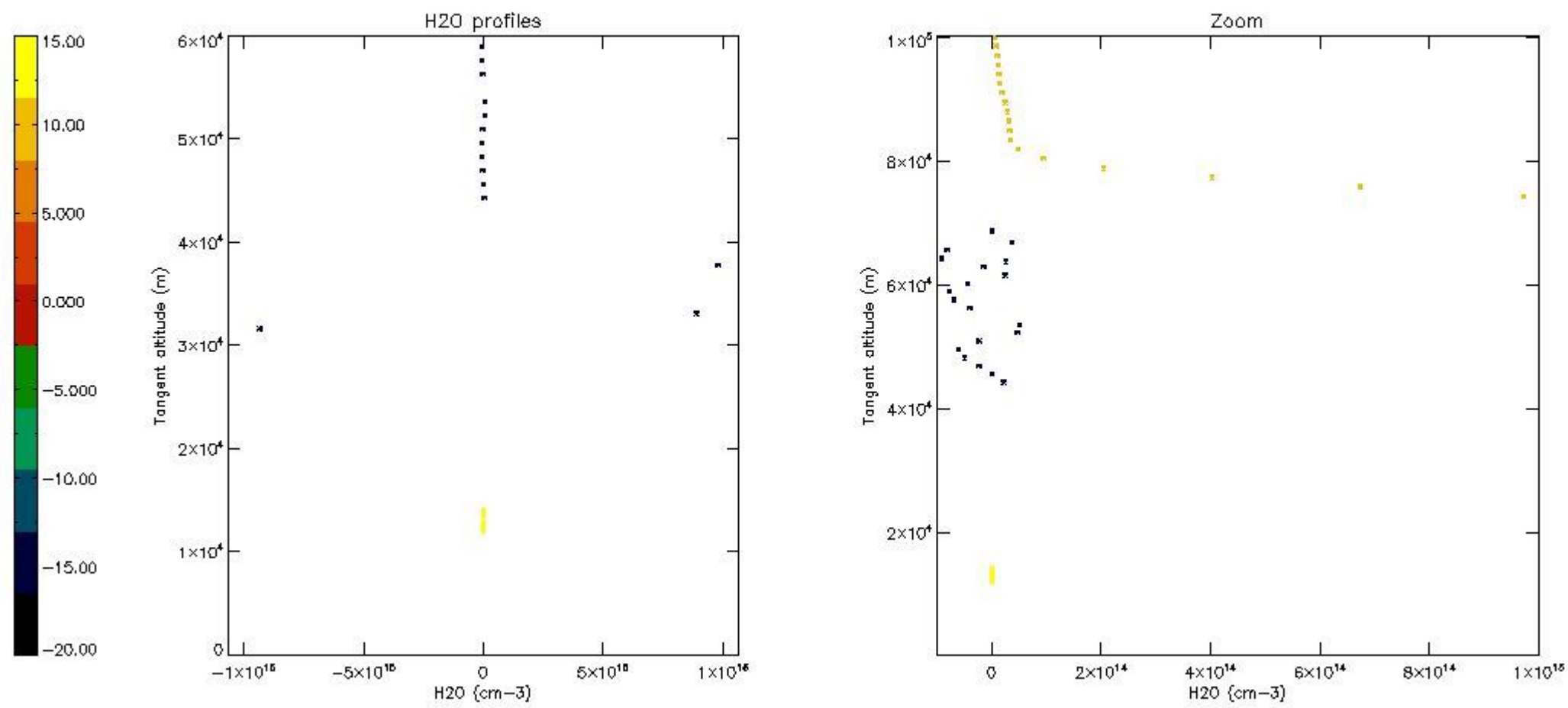
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

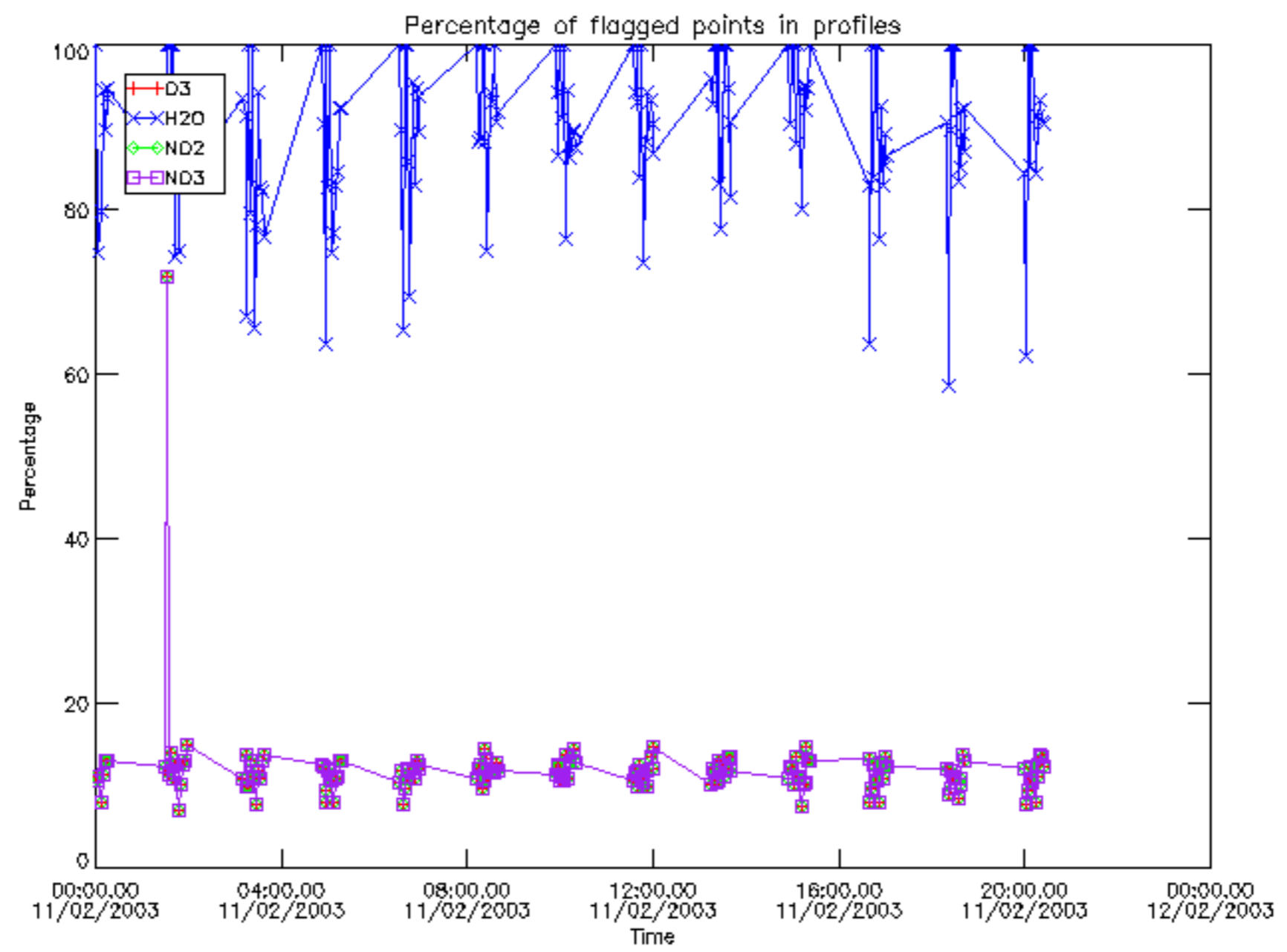
The colorbar represents the latitude.



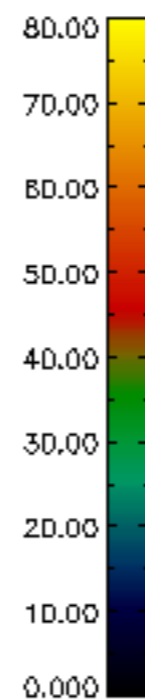
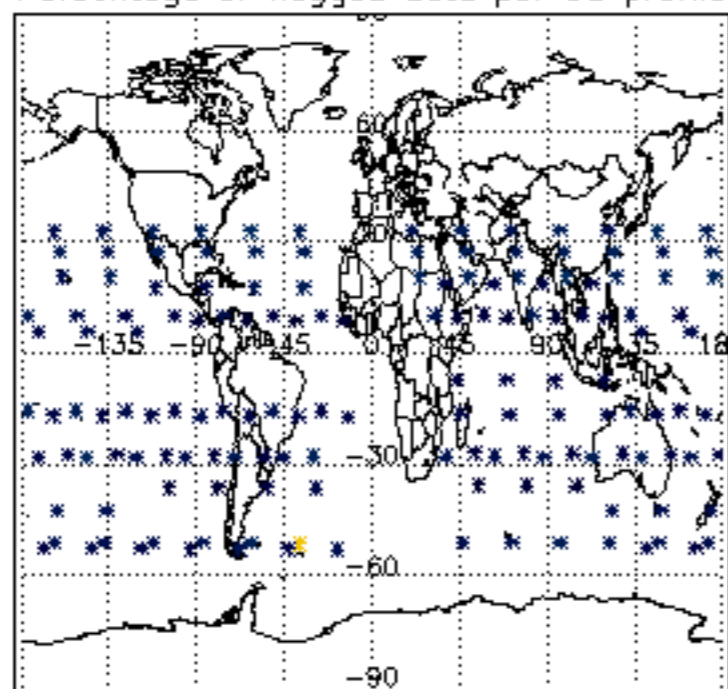
6. Auxiliary Data Files used for the production reported in section 2

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

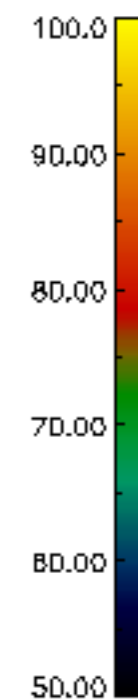
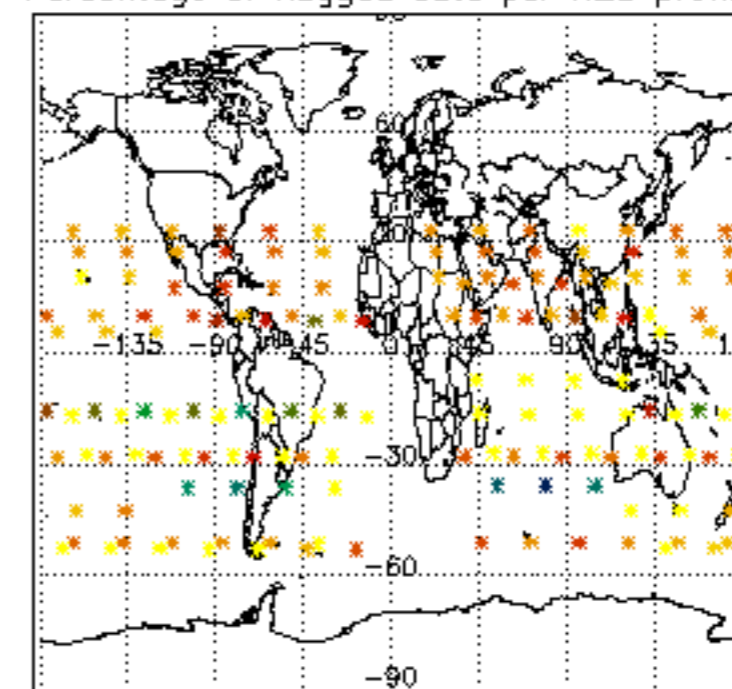
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXNIEC20050627_150440_20020301_000000_20100101_000000 | 1 | 11-FEB-2003 00:00:19 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 11-FEB-2003 00:00:19 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 11-FEB-2003 00:00:19 |



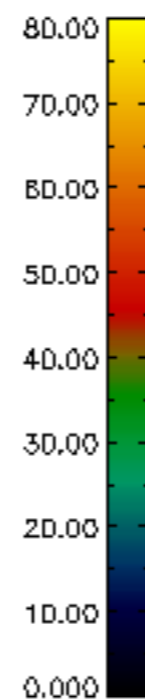
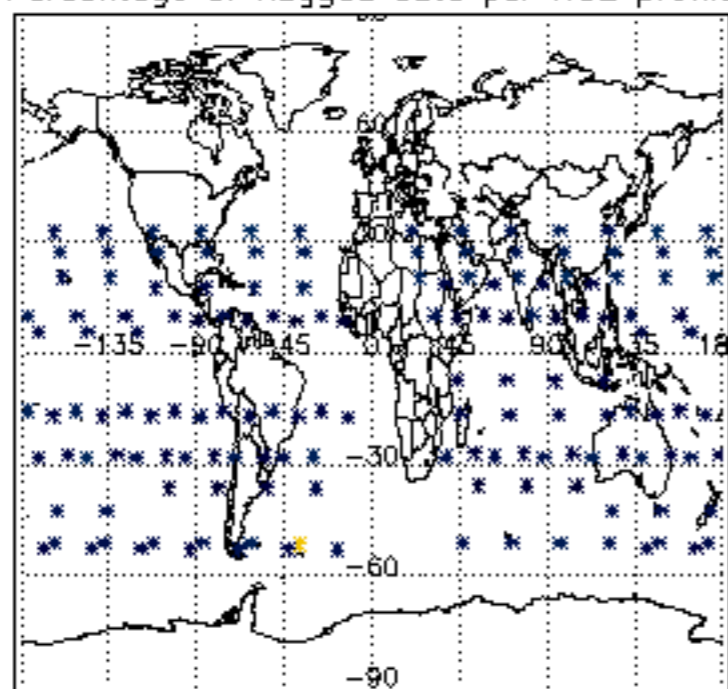
Percentage of flagged data per D3 profile



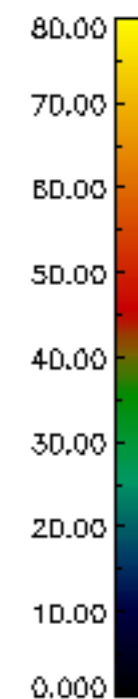
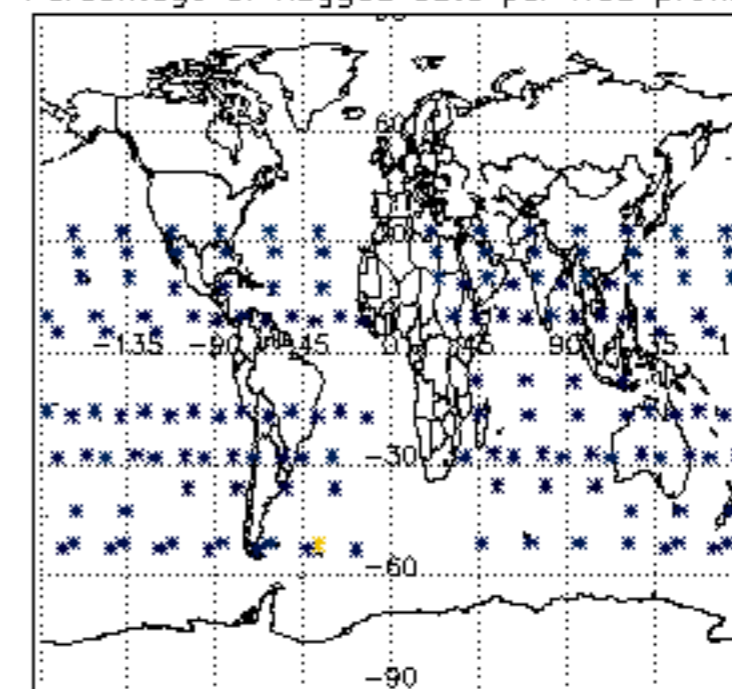
Percentage of flagged data per H2O profile

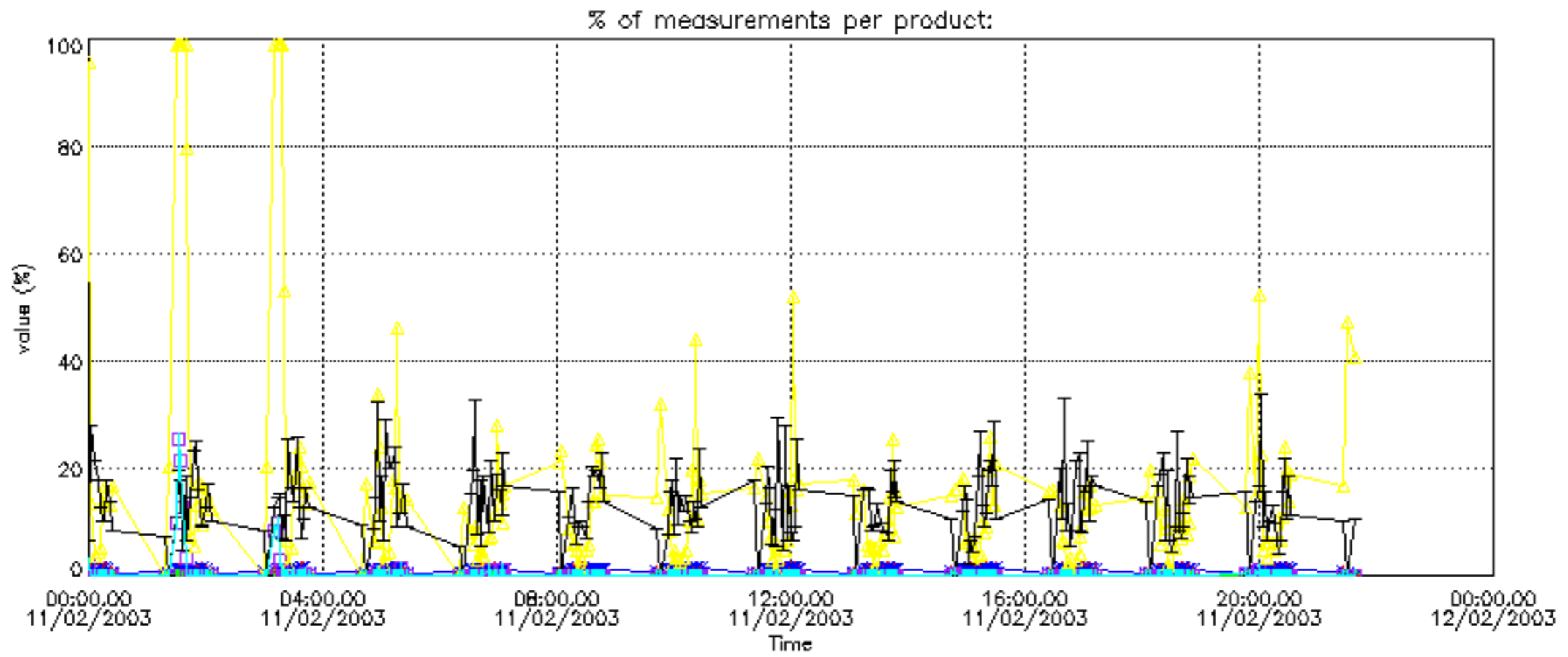


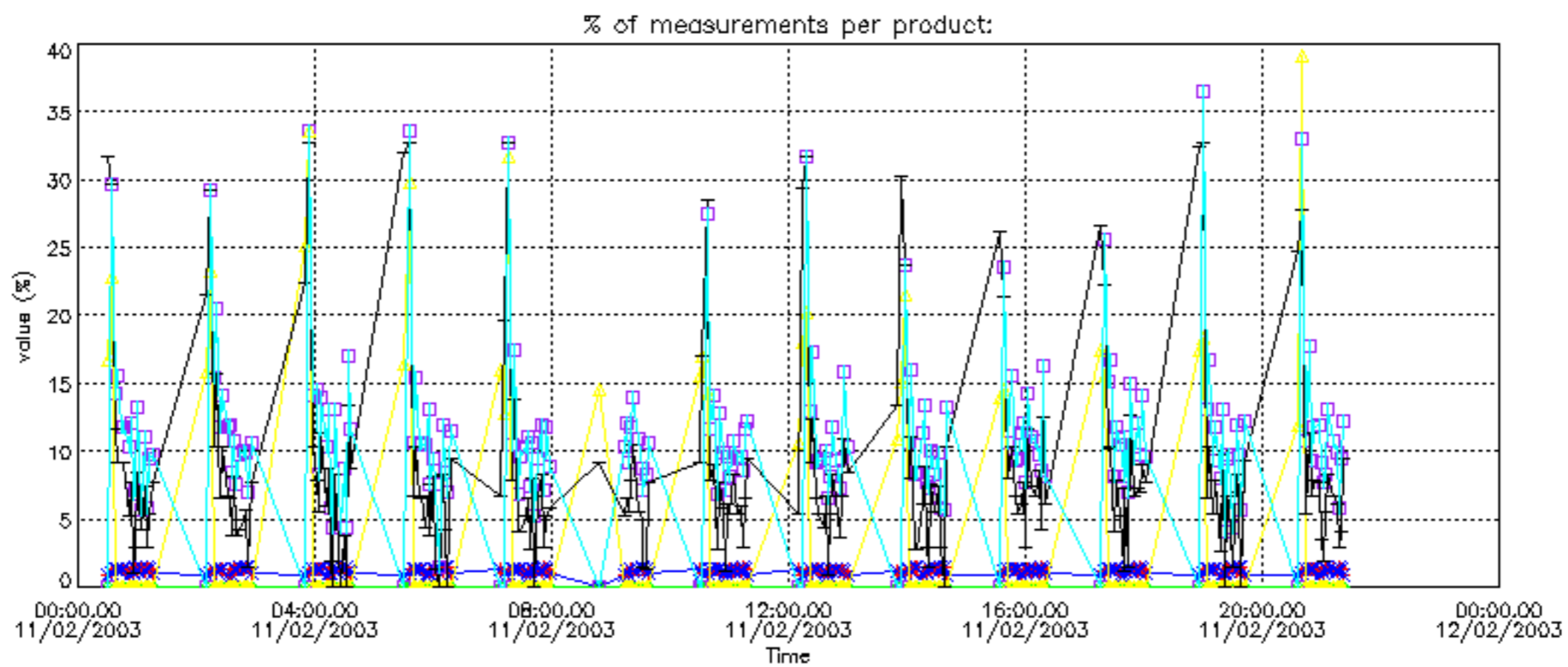
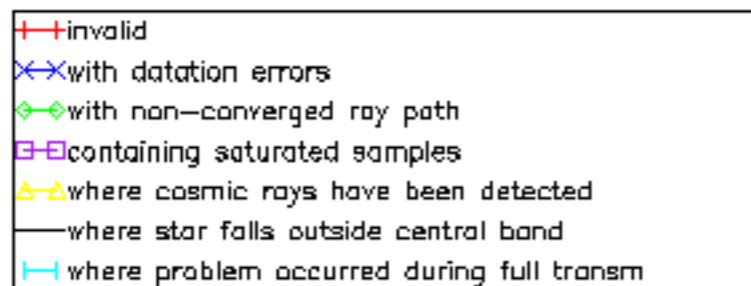
Percentage of flagged data per NO2 profile



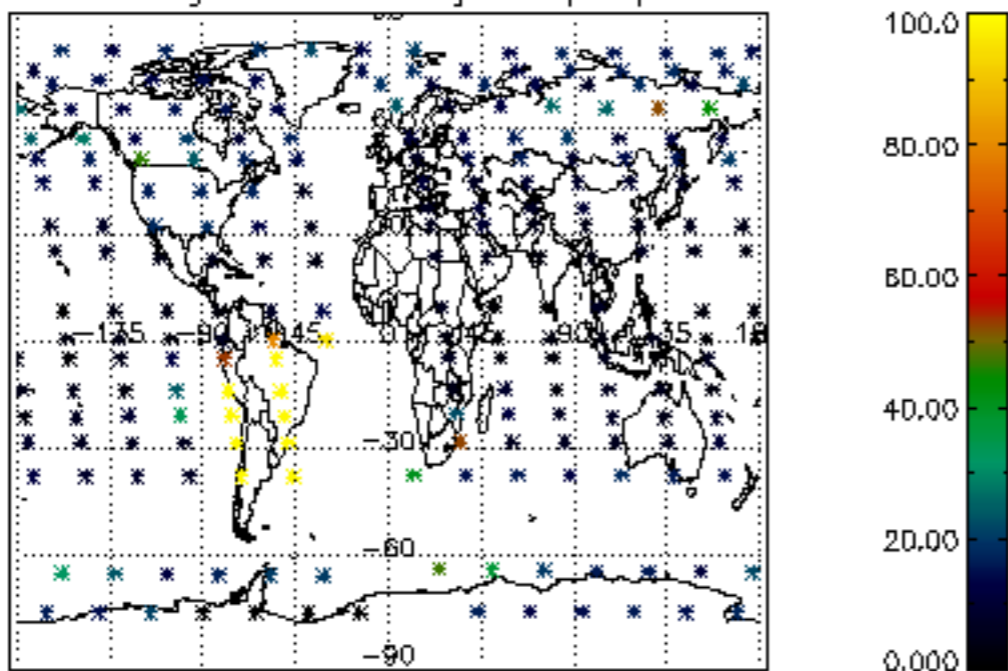
Percentage of flagged data per NO3 profile



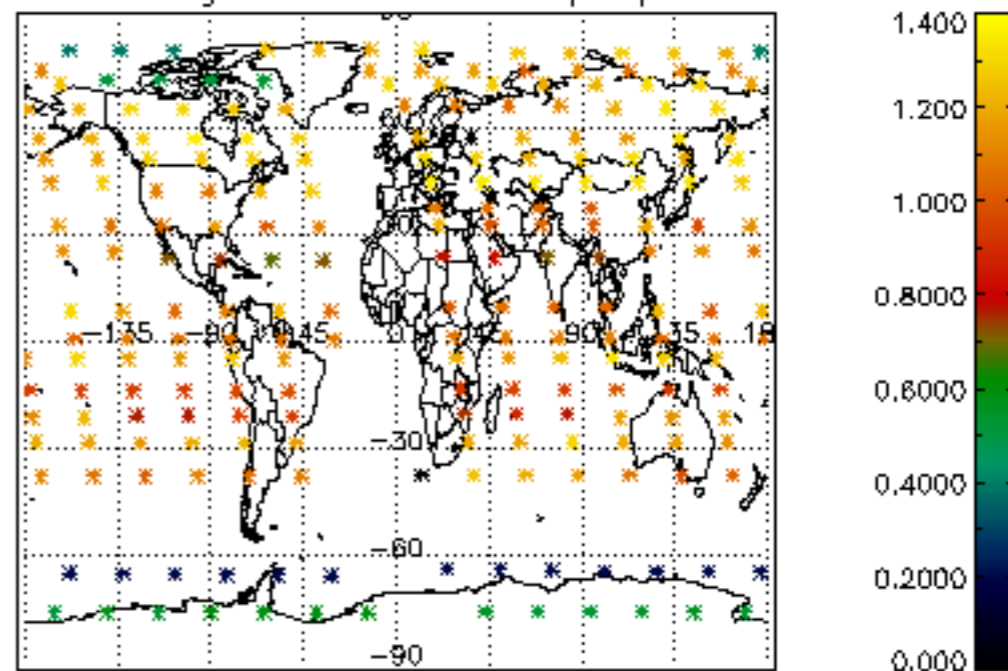




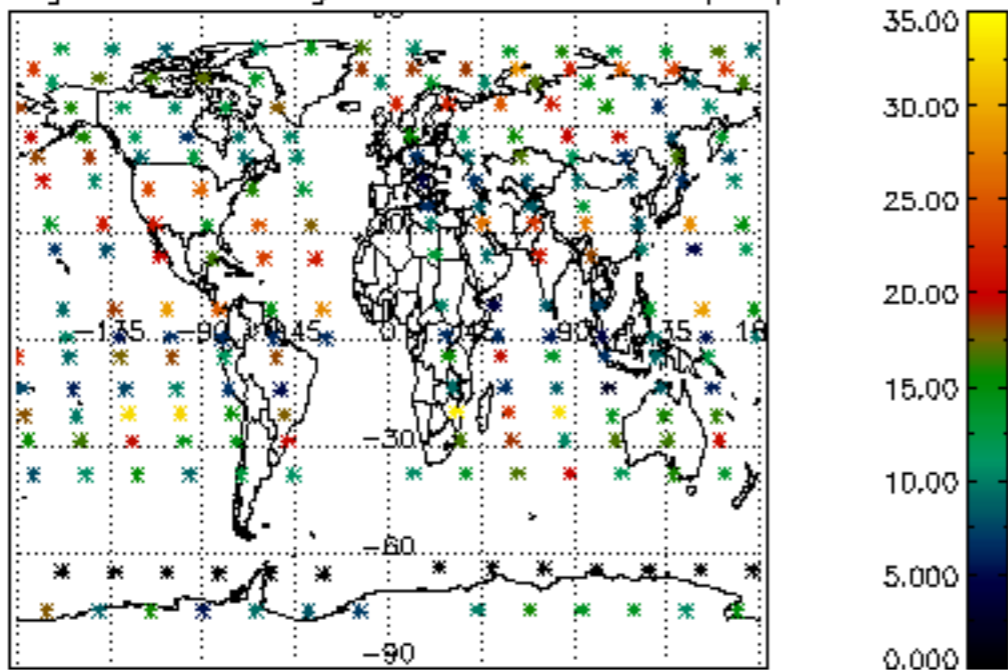
Percentage of cosmic ray hits per profile



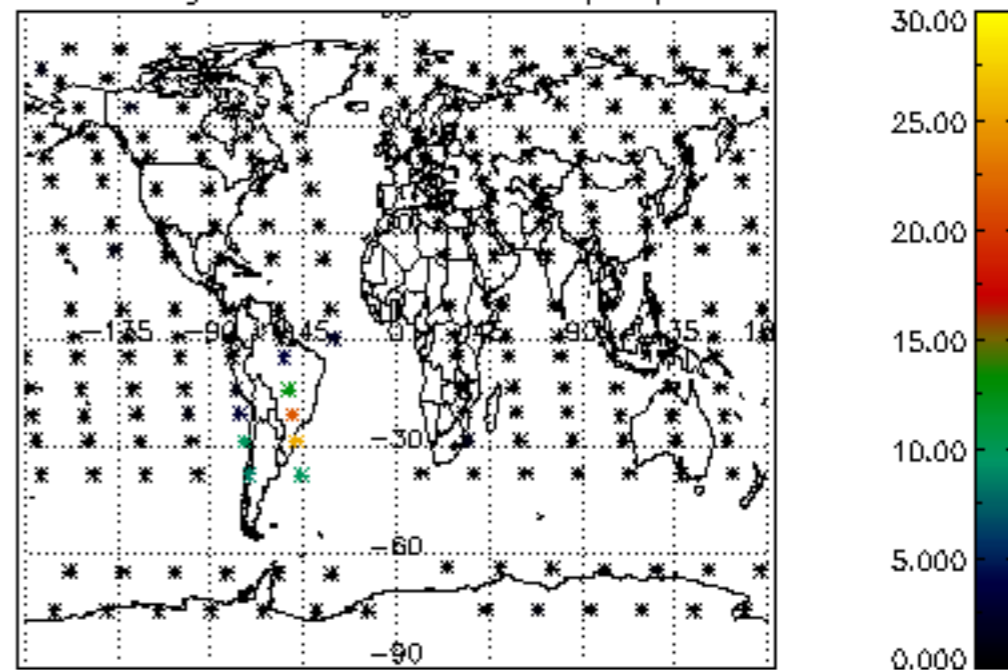
Percentage of datation errors per profile



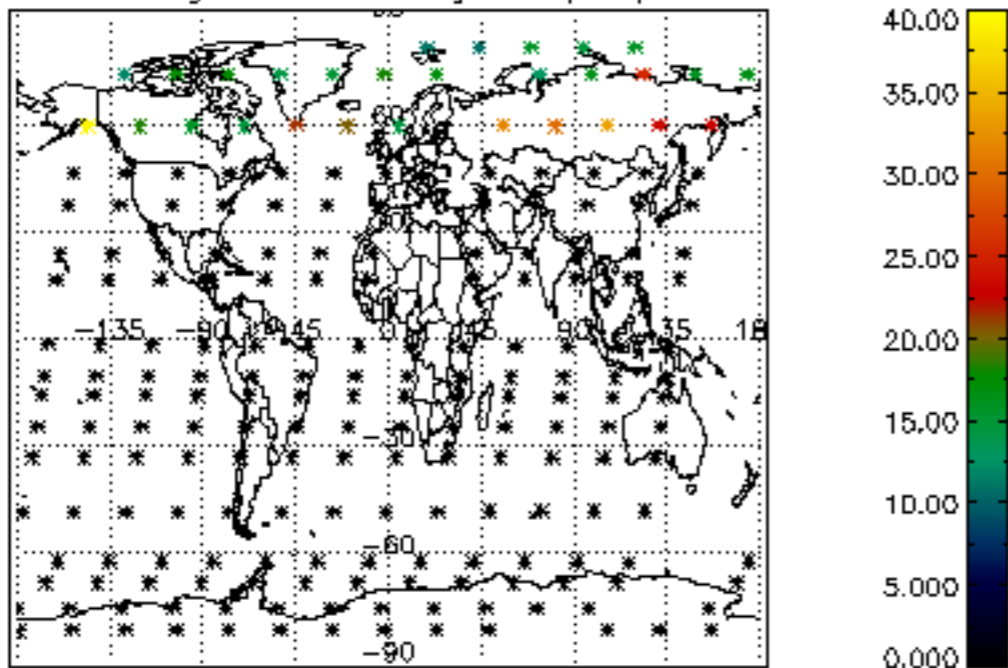
Percentage of star falling outside central band per profile



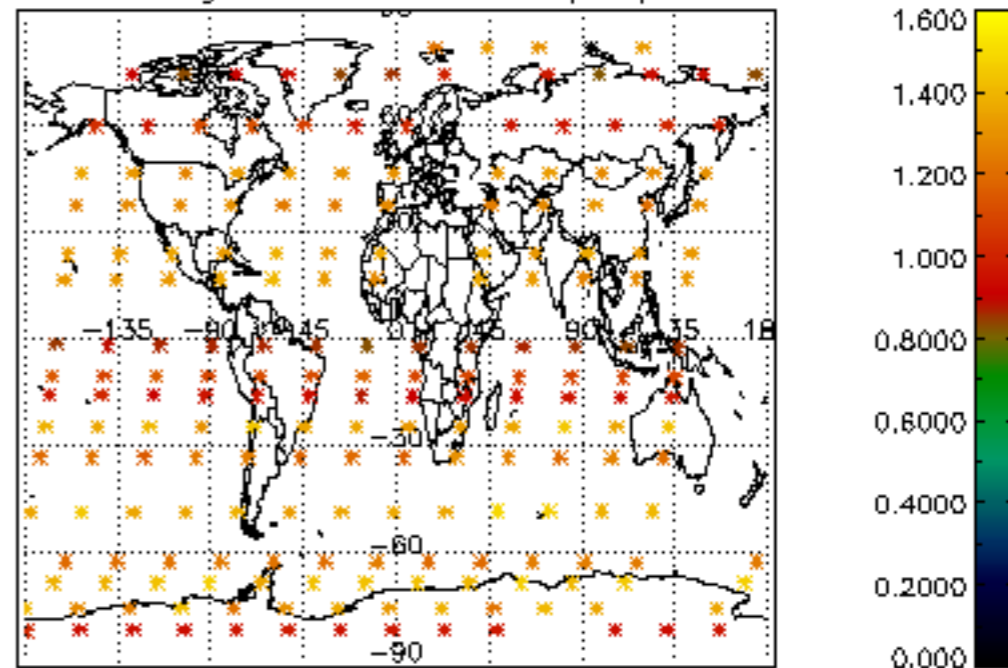
Percentage of saturation errors per profile



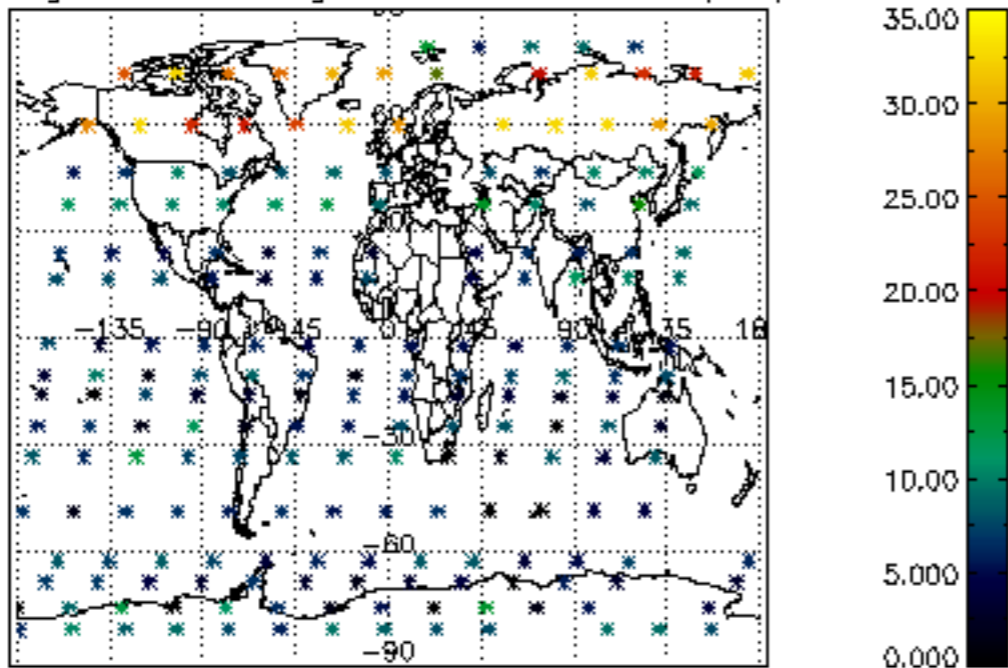
Percentage of cosmic ray hits per profile



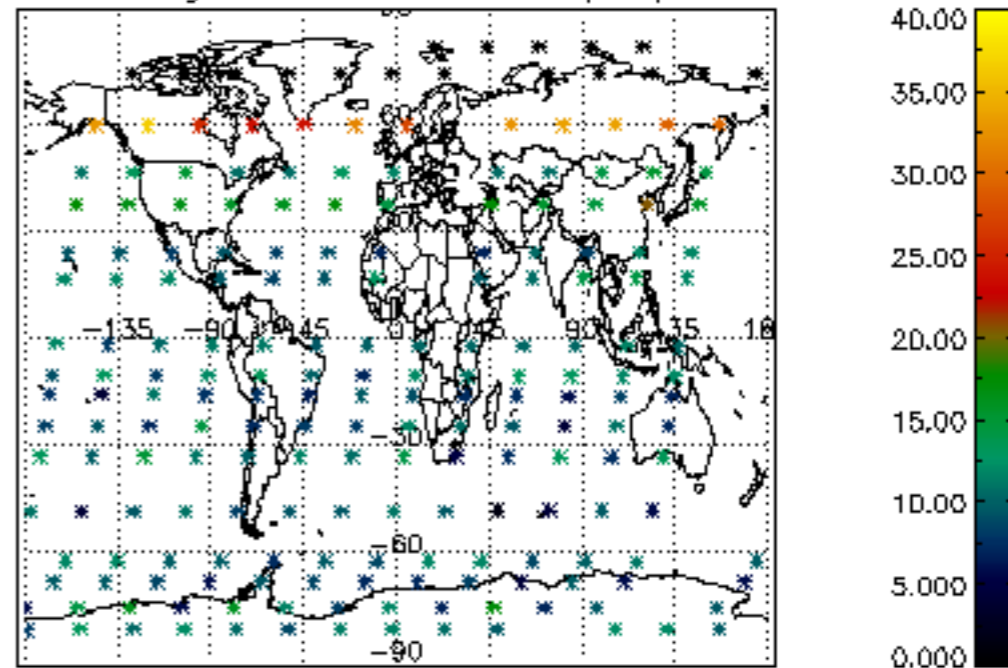
Percentage of datation errors per profile

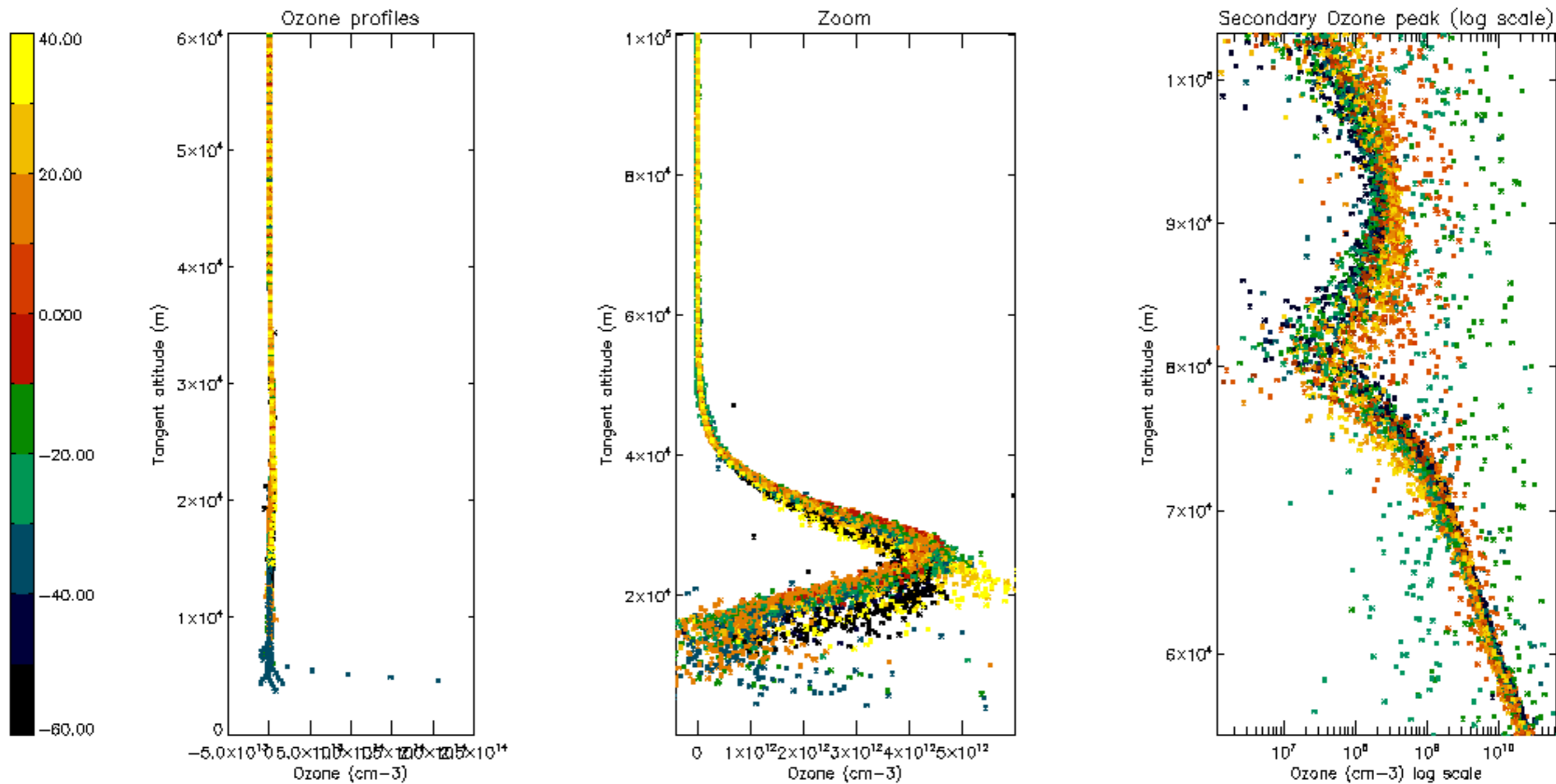


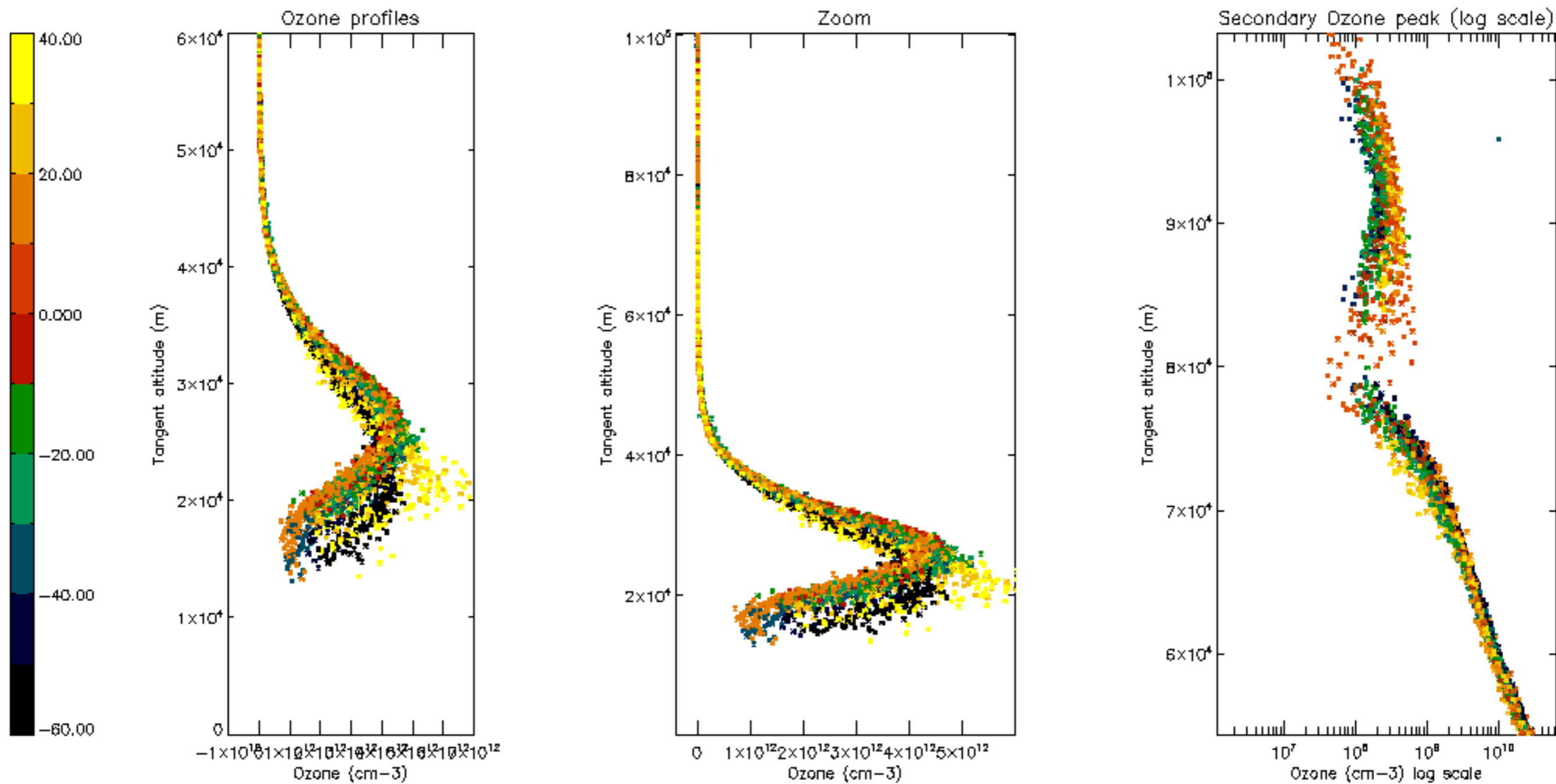
Percentage of star falling outside central band per profile

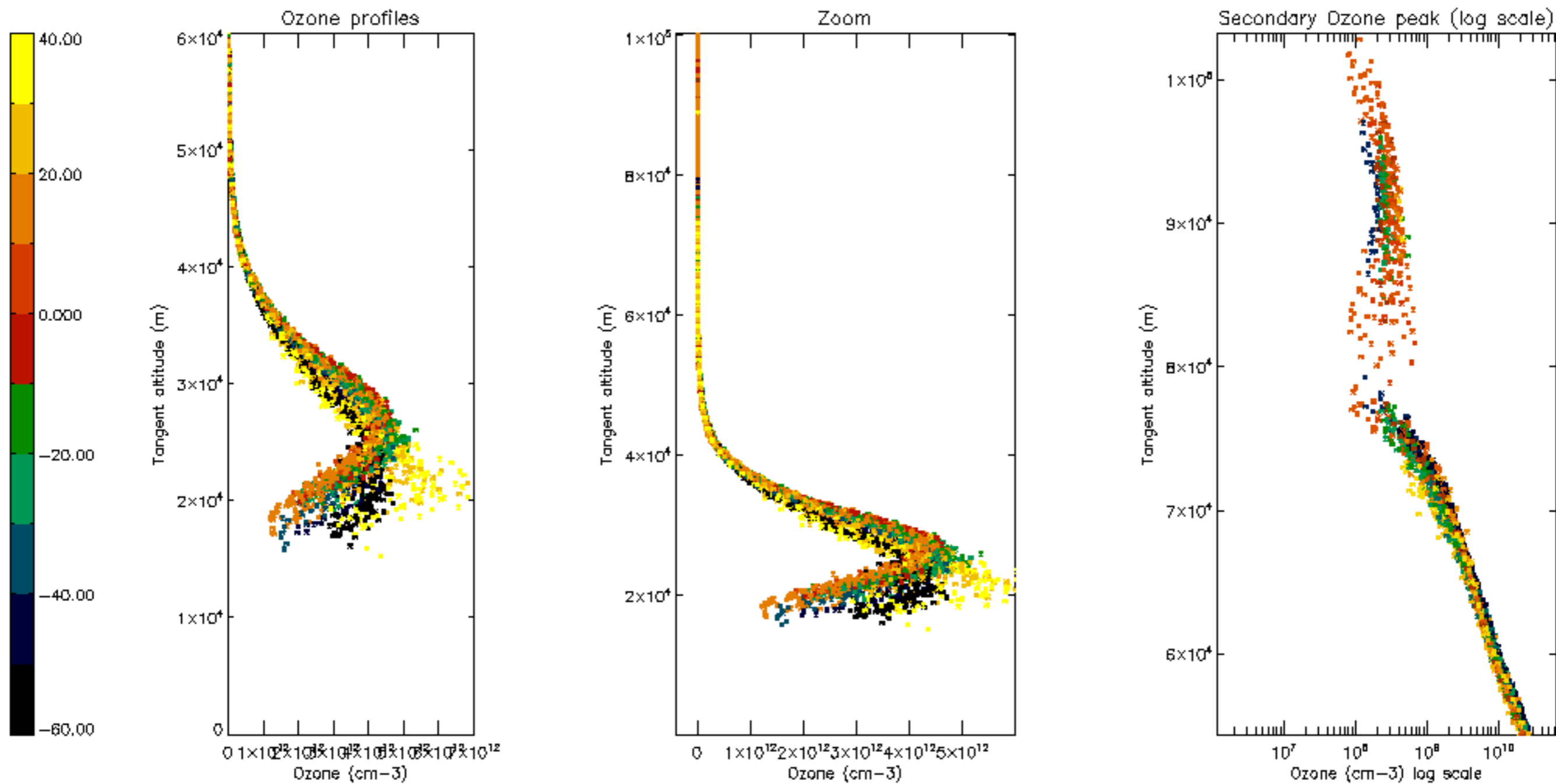


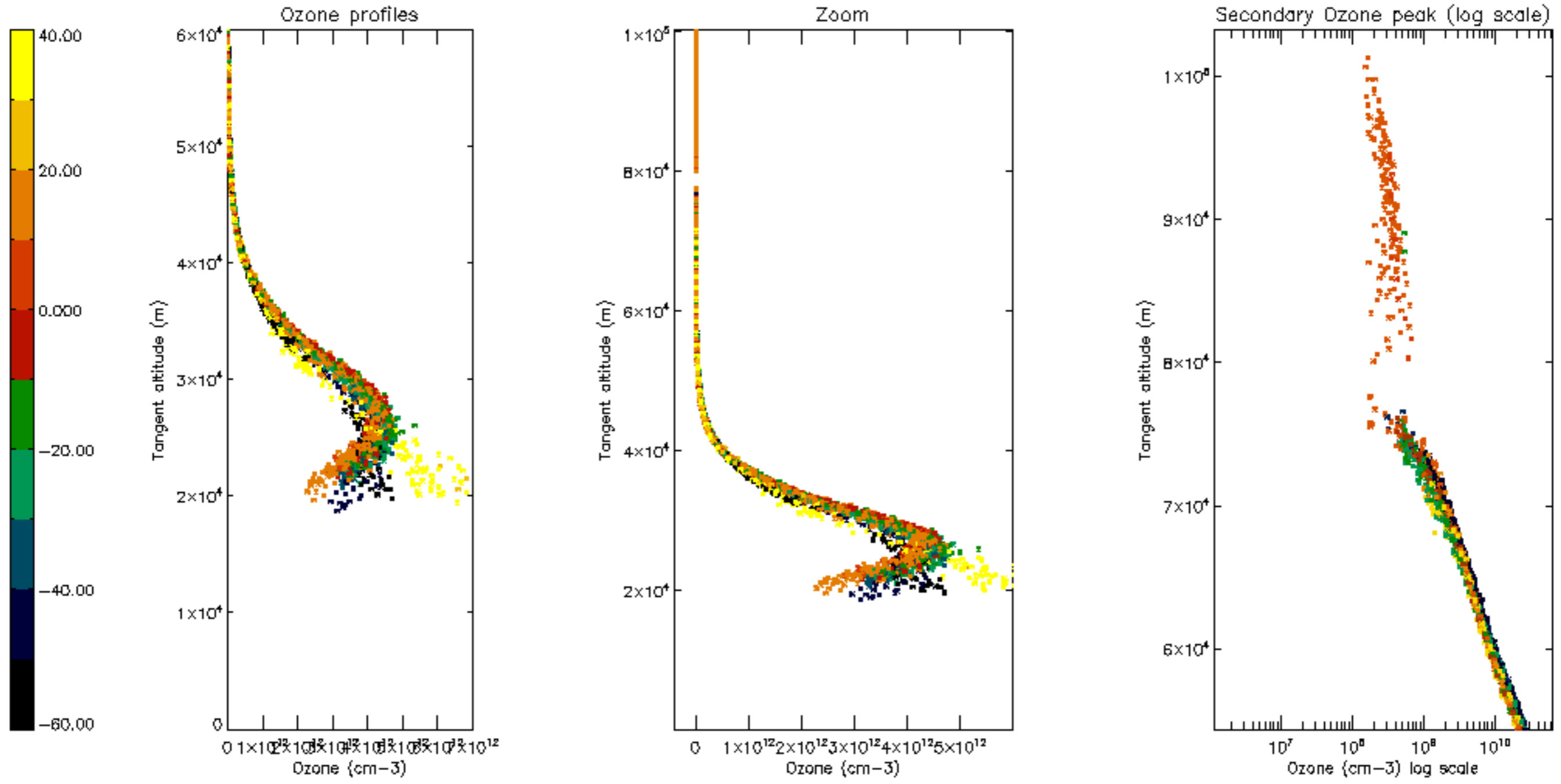
Percentage of saturation errors per profile

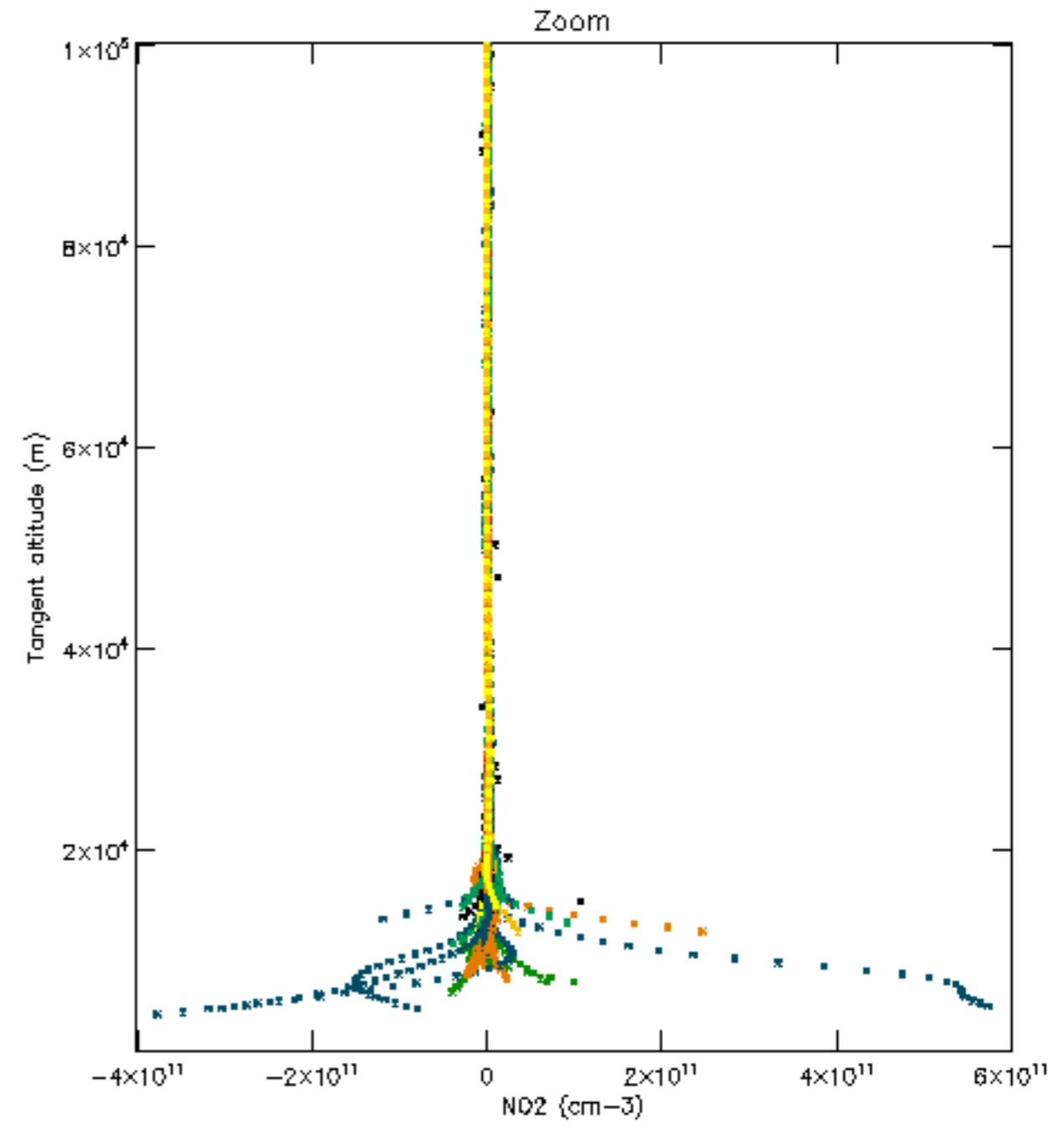
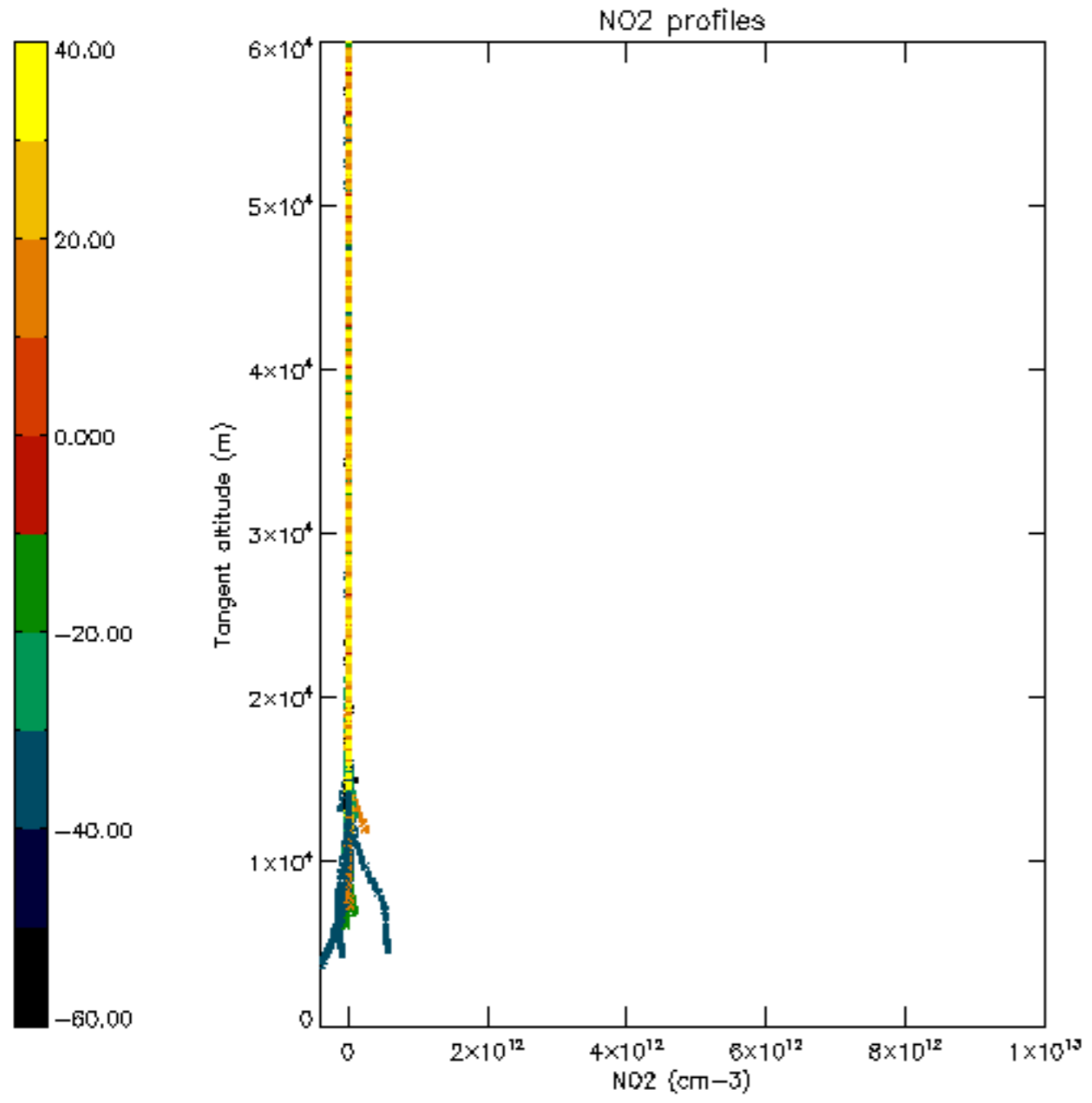


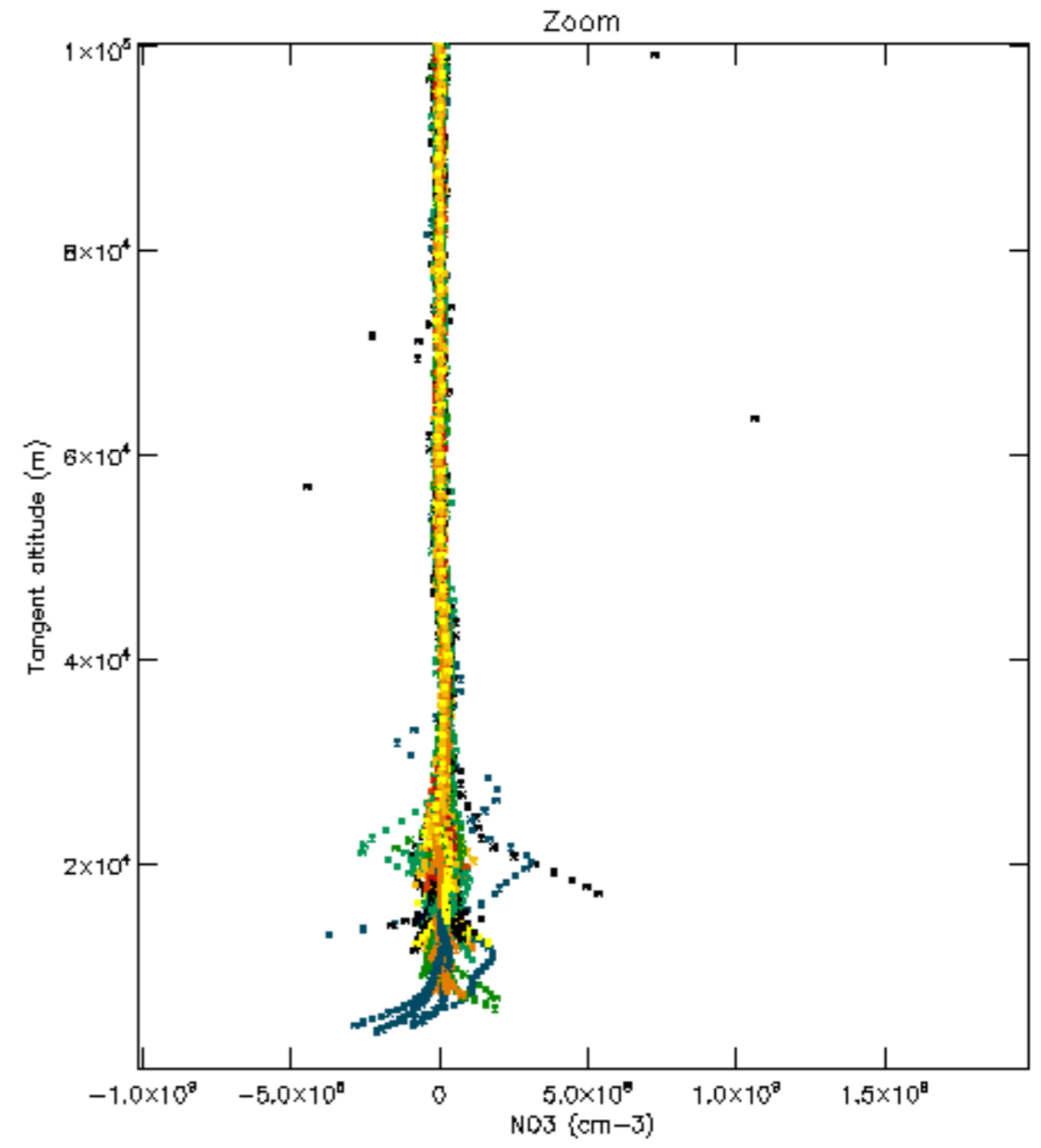
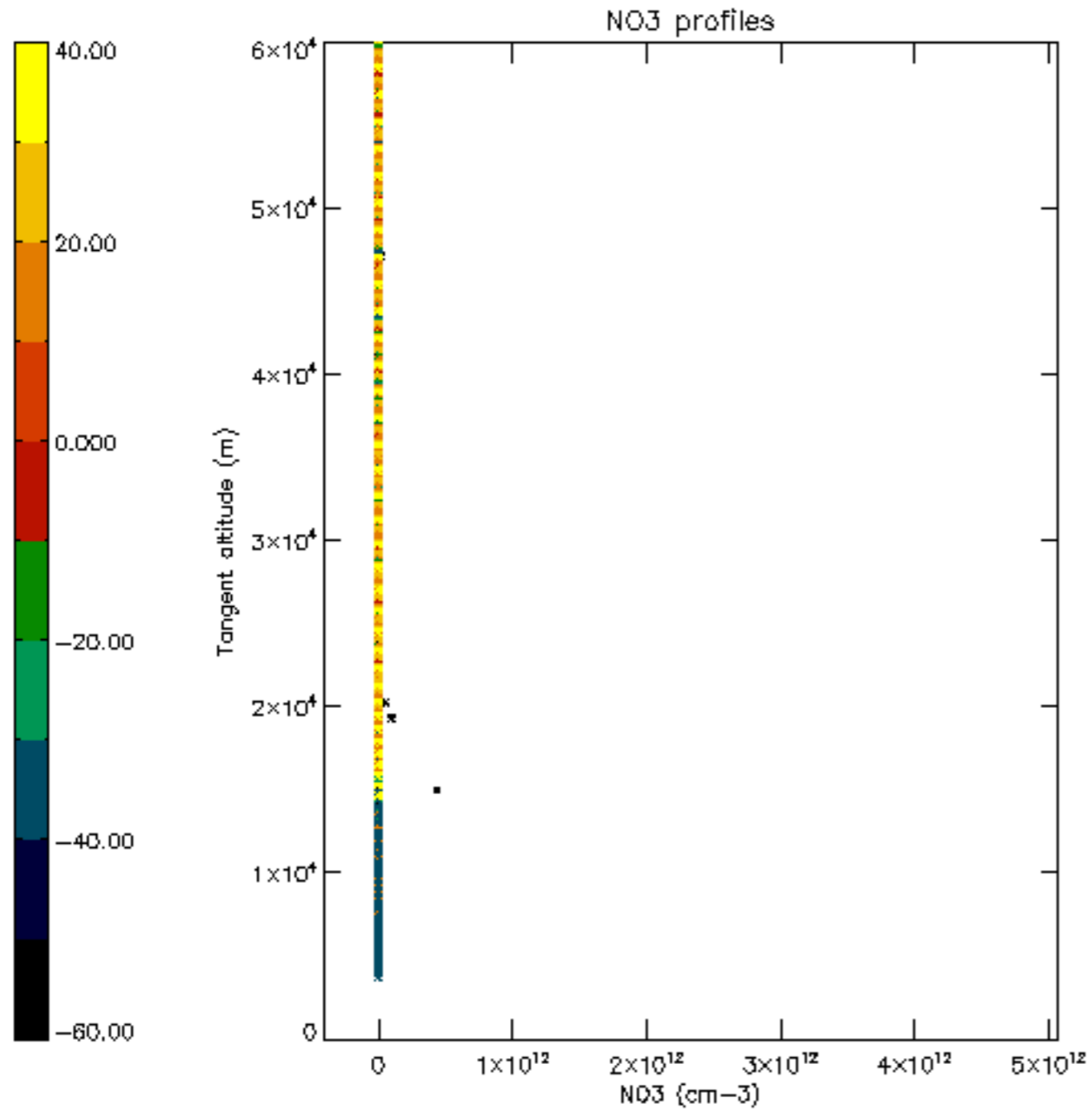


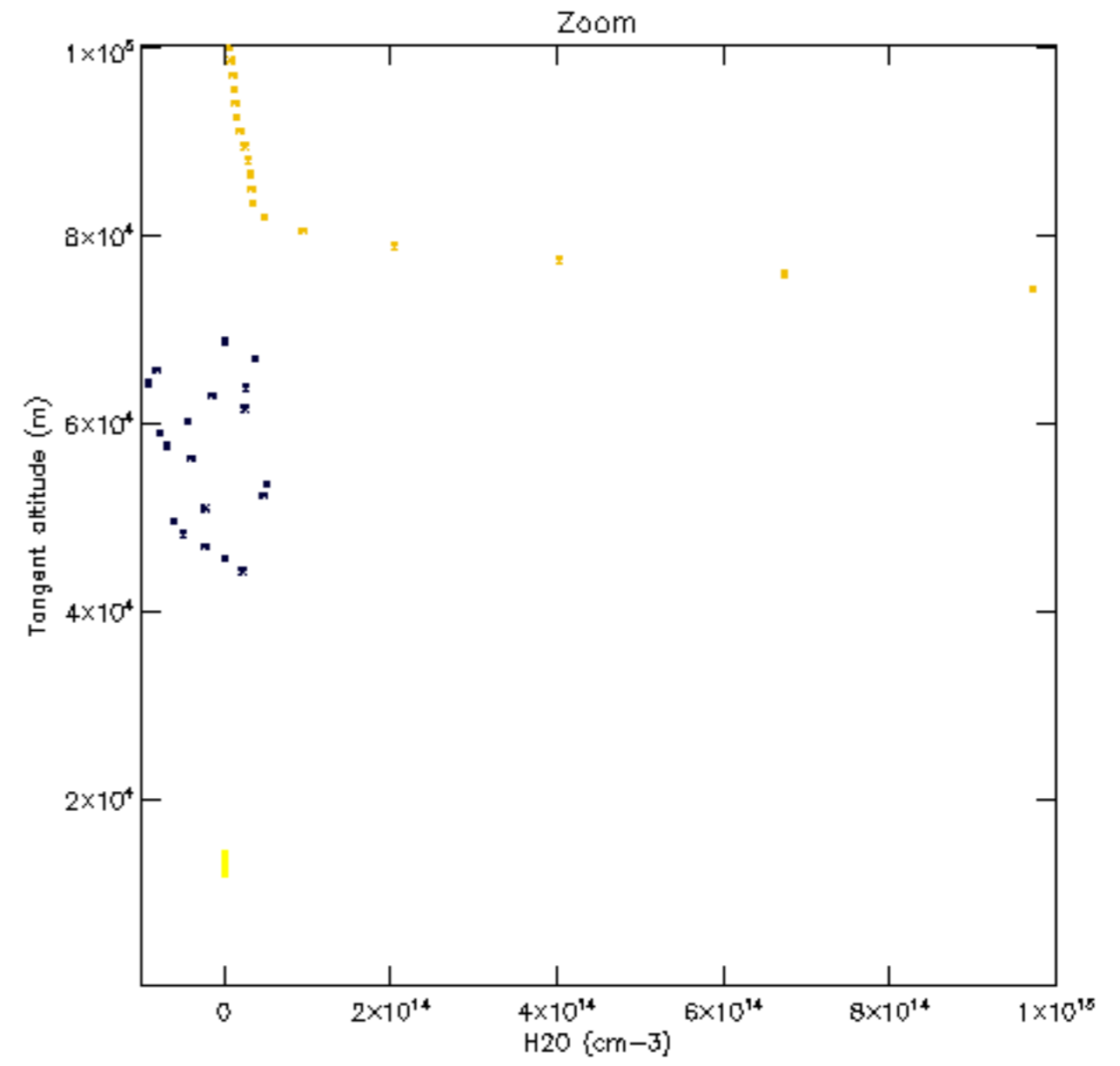
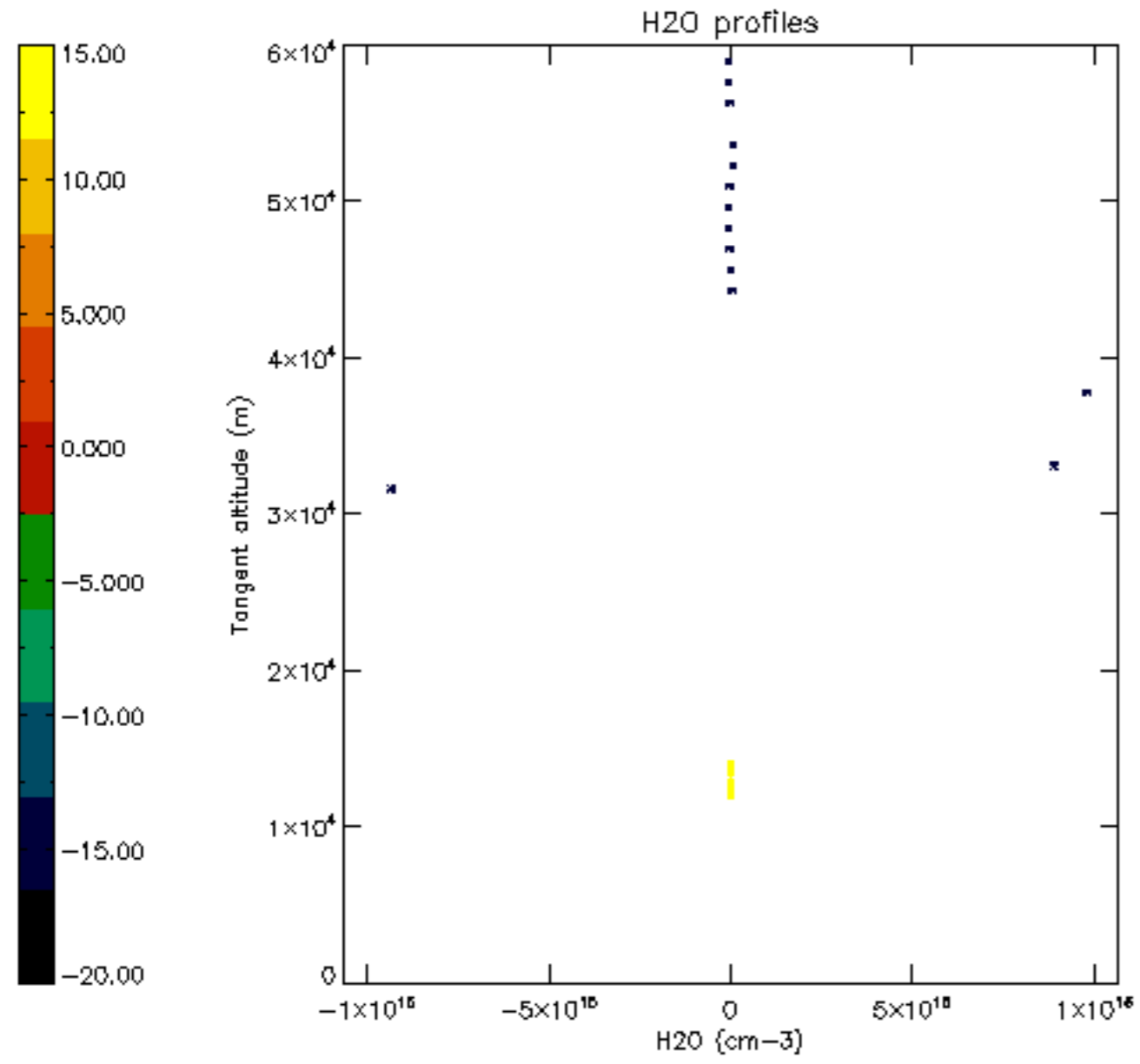


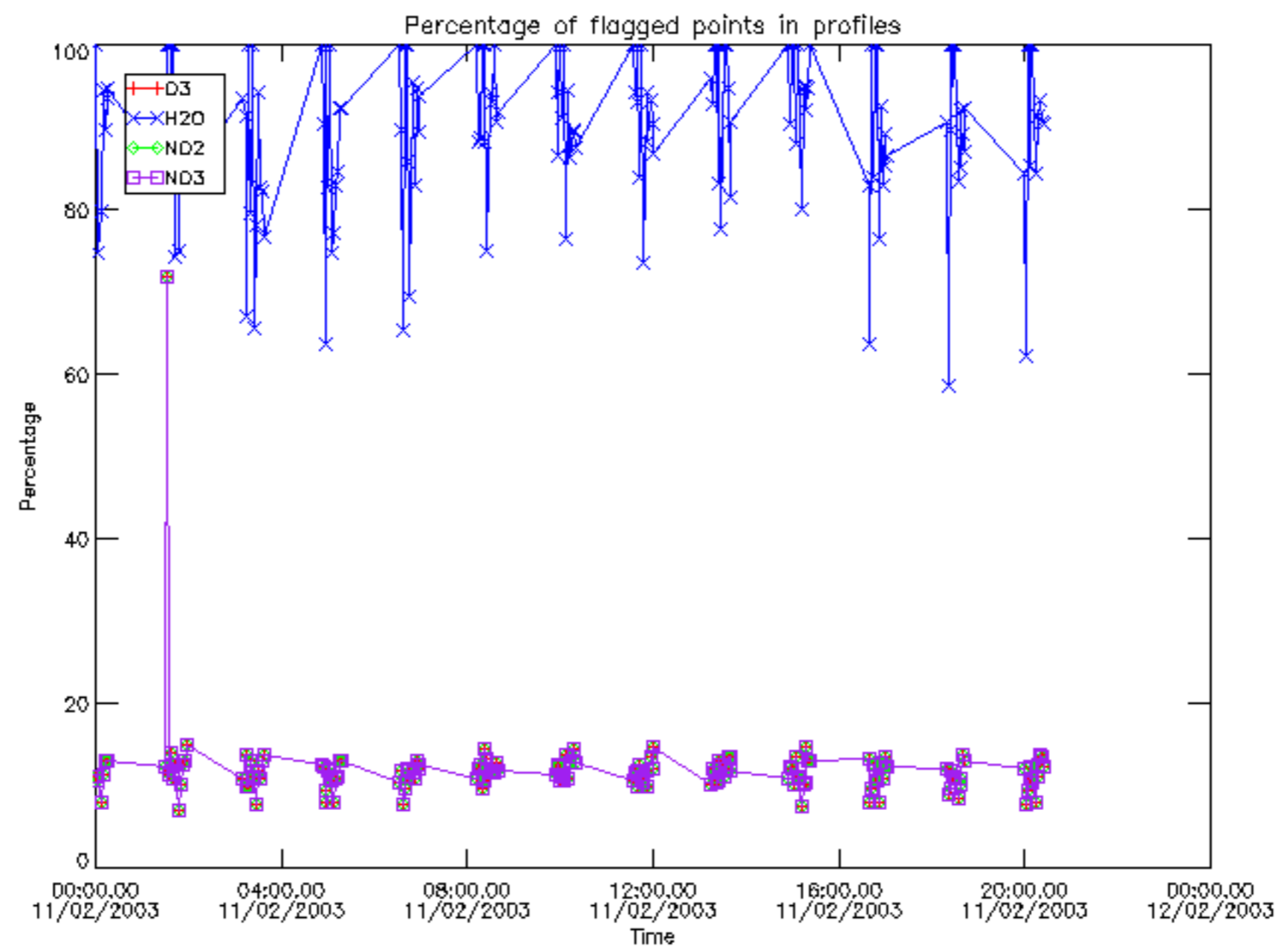




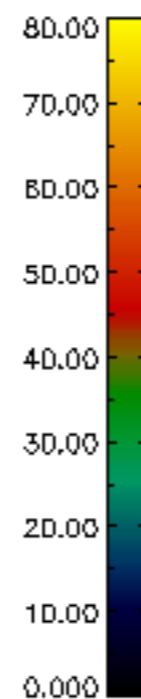
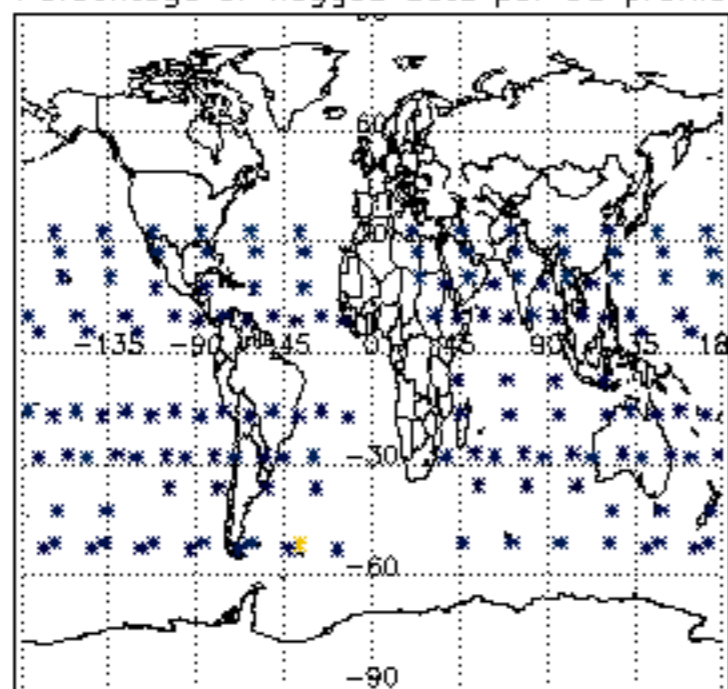




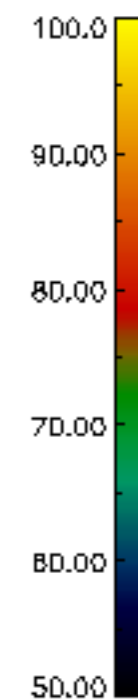
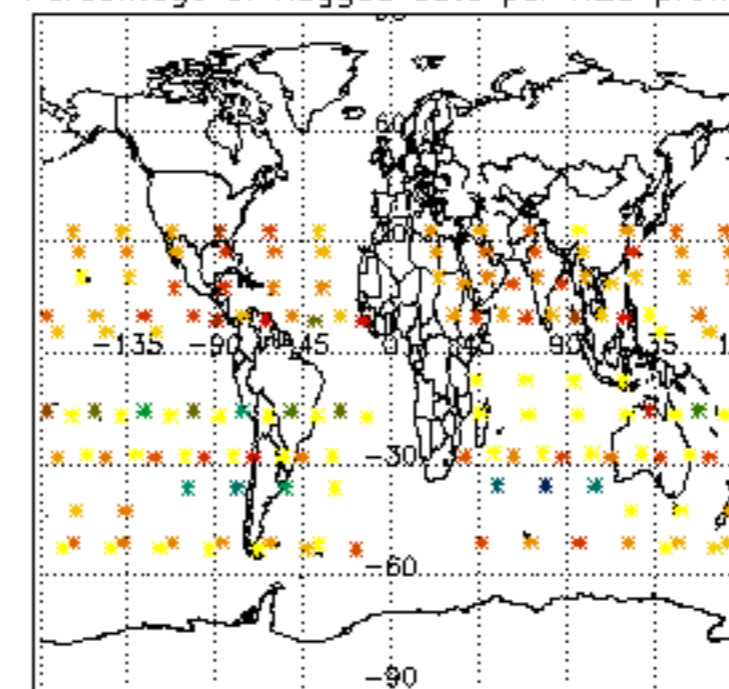




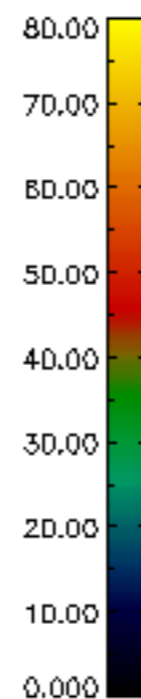
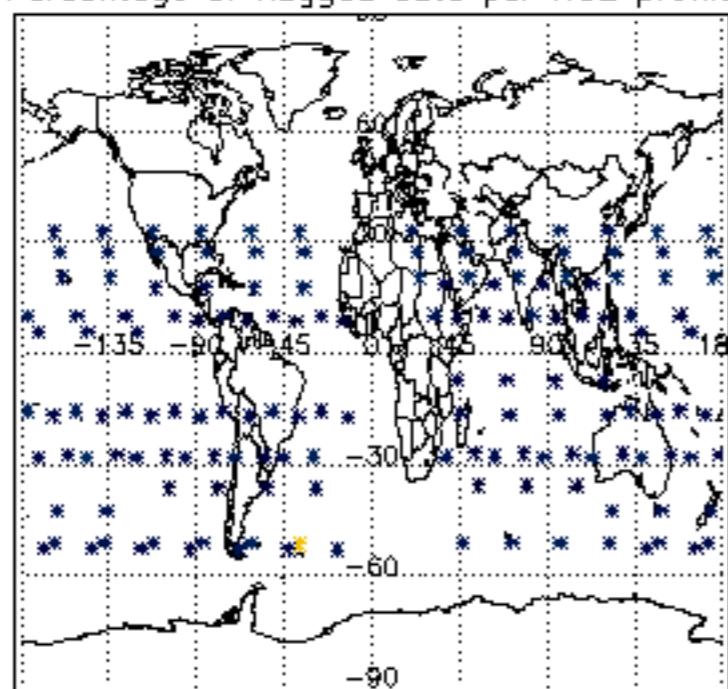
Percentage of flagged data per D3 profile



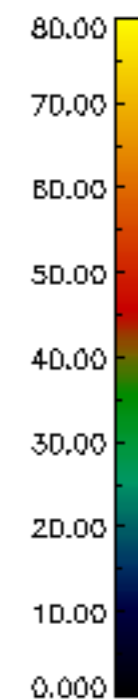
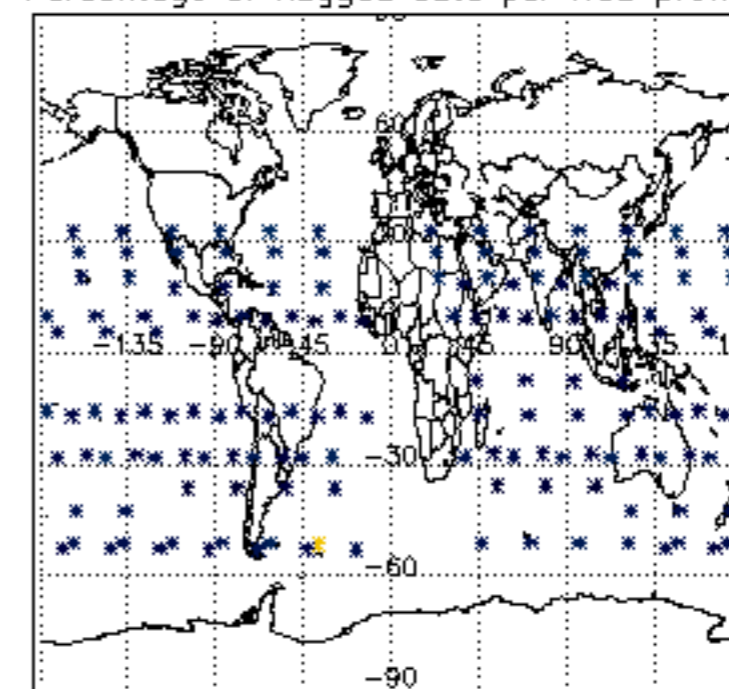
Percentage of flagged data per H2O profile

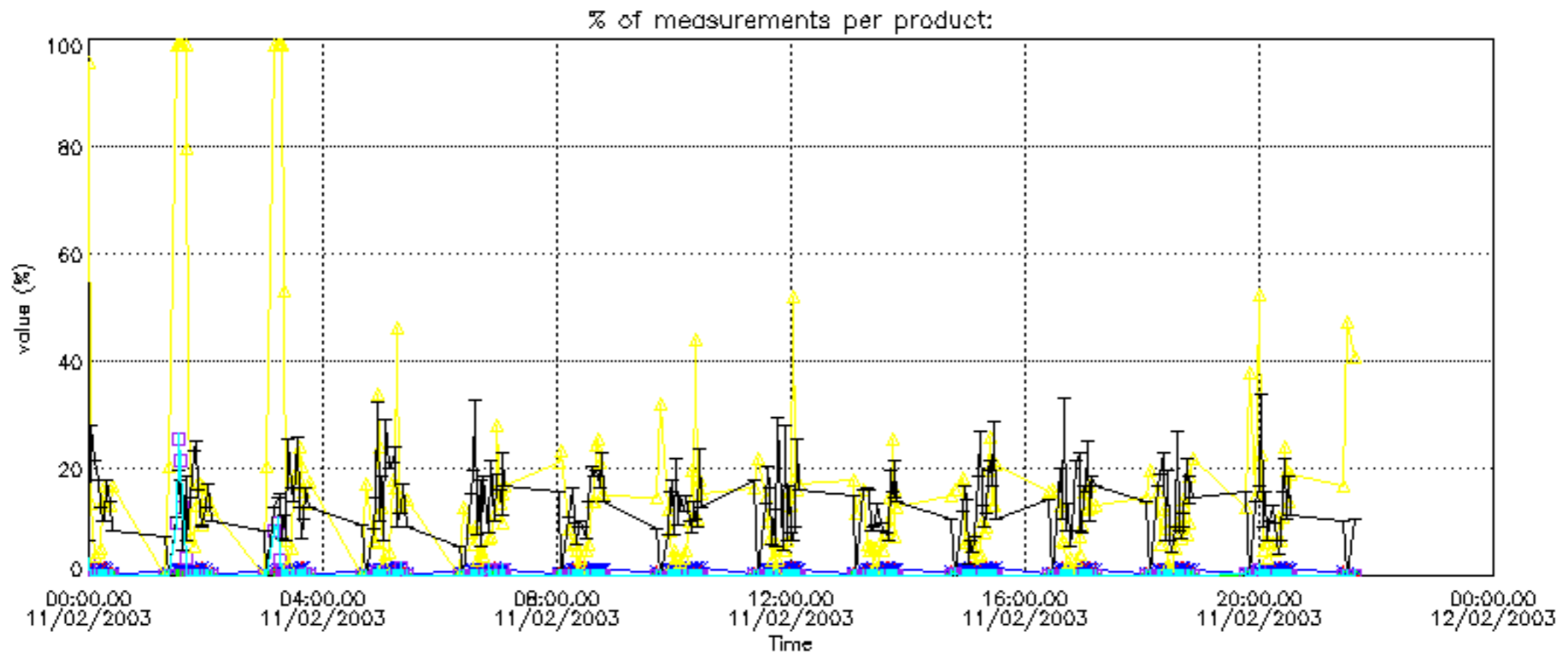


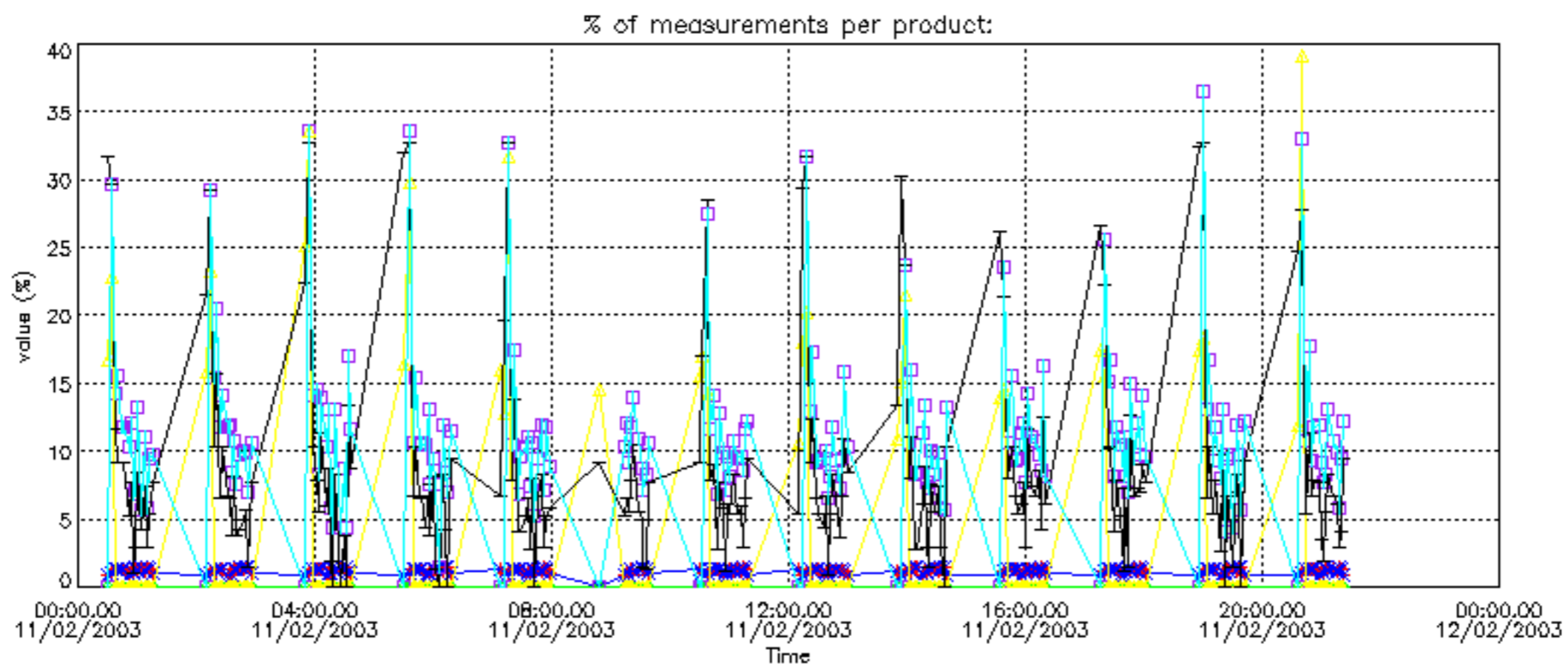
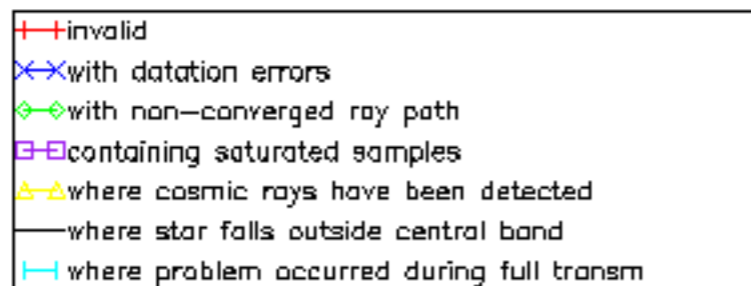
Percentage of flagged data per NO2 profile



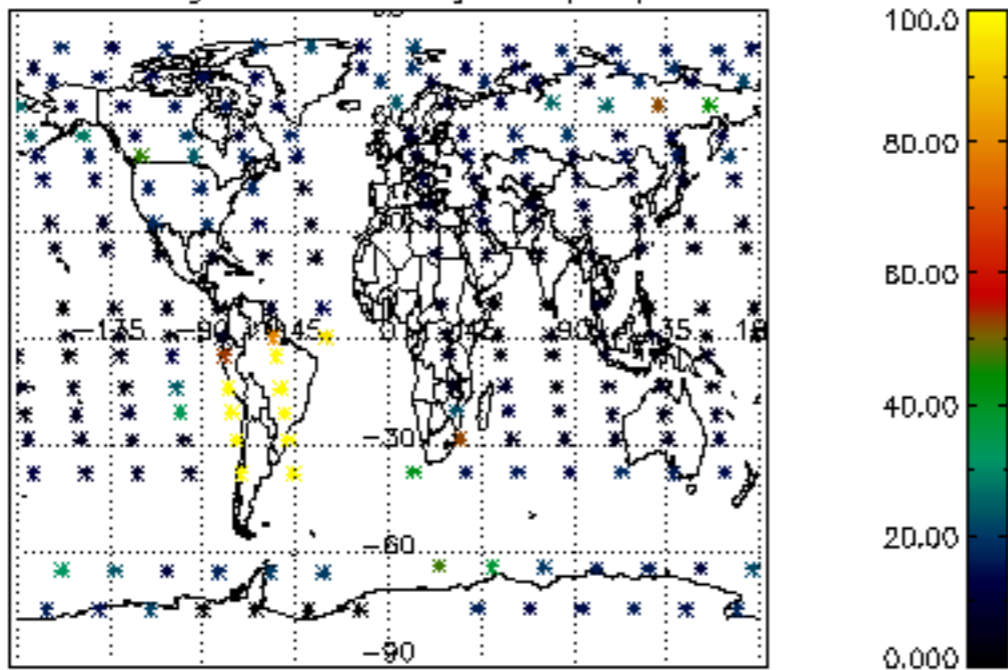
Percentage of flagged data per NO3 profile



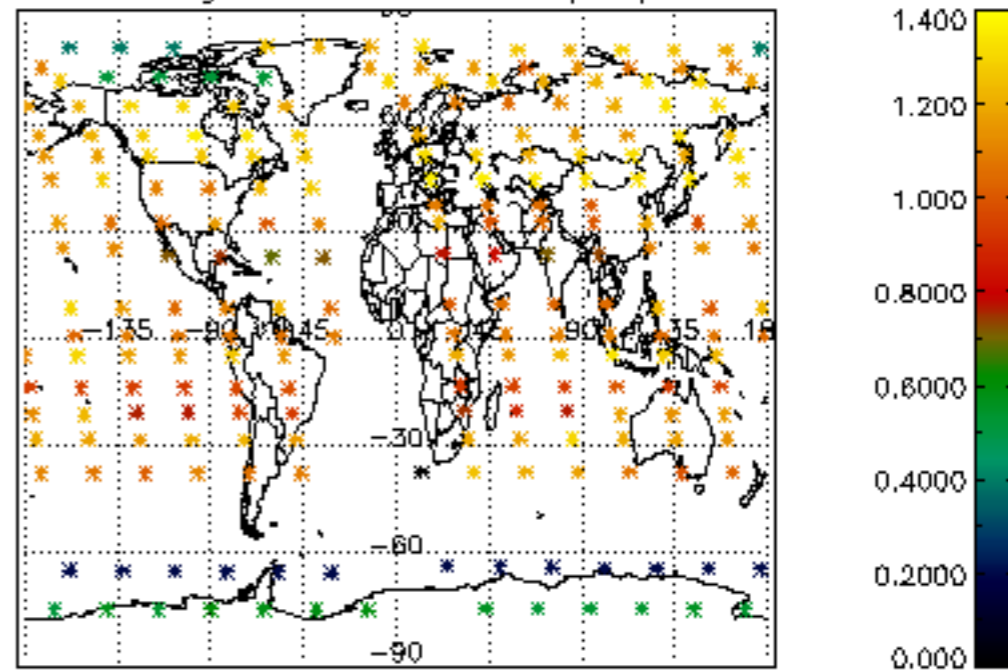




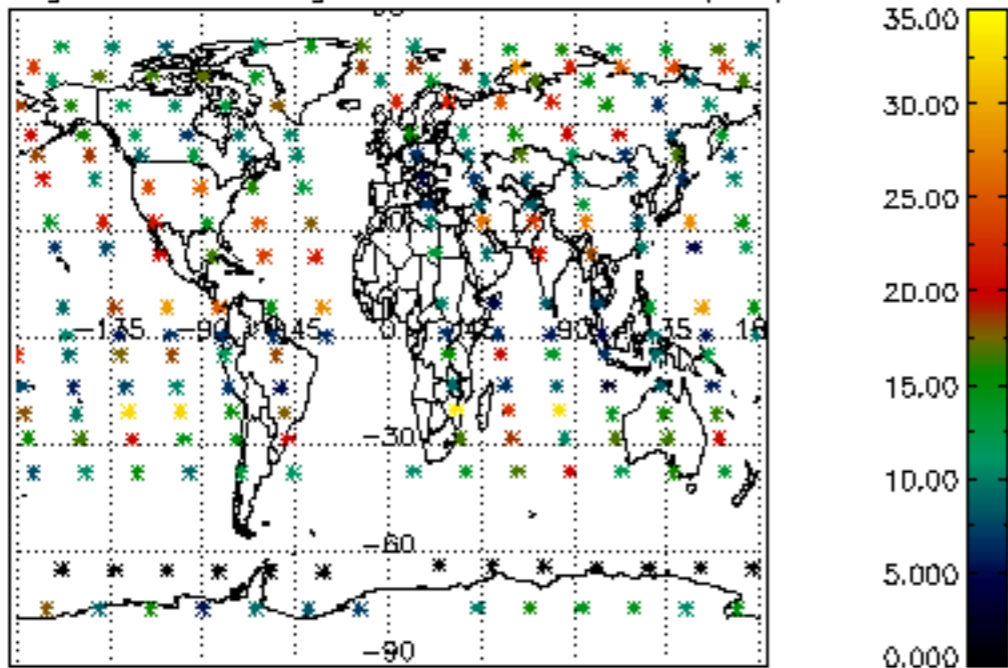
Percentage of cosmic ray hits per profile



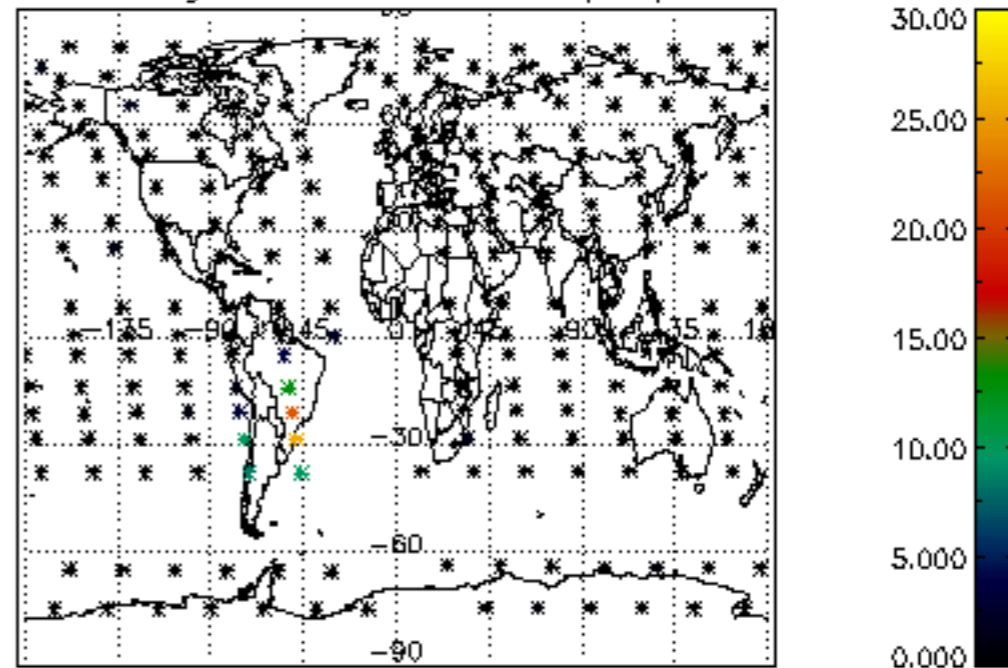
Percentage of datation errors per profile



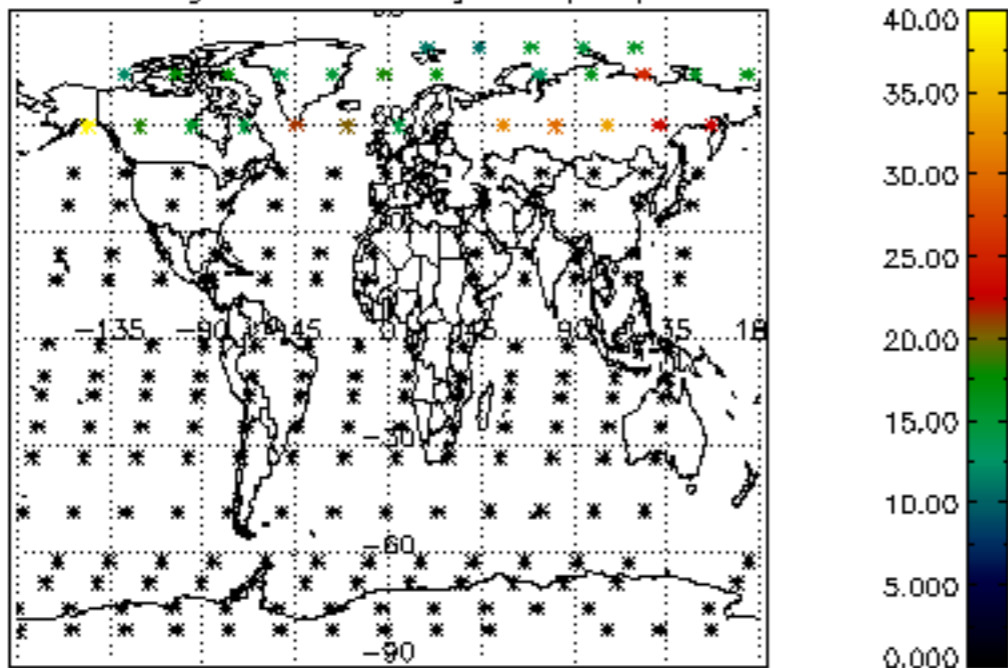
Percentage of star falling outside central band per profile



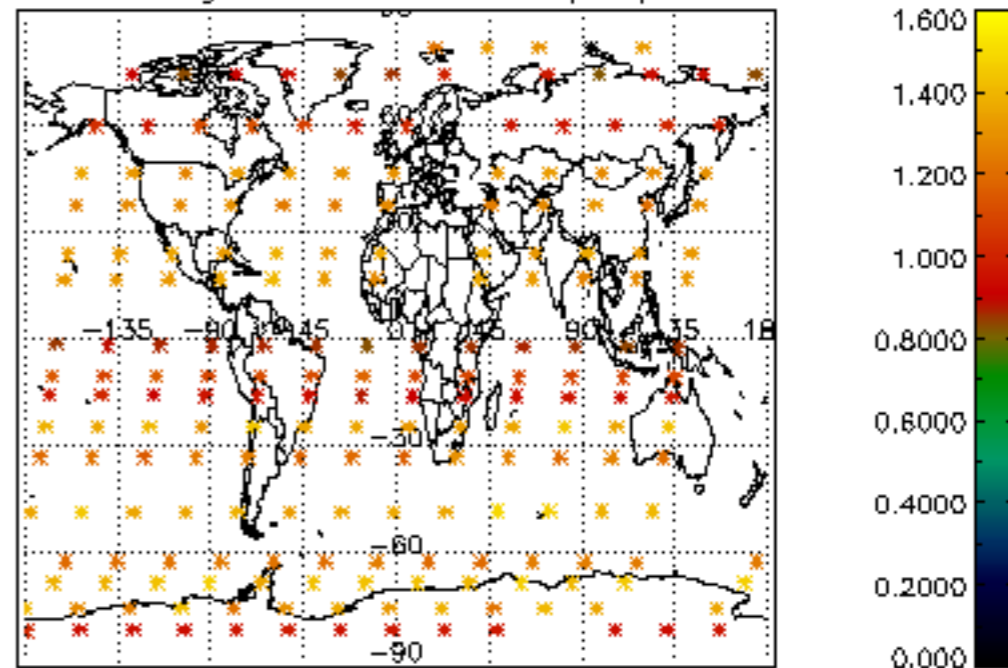
Percentage of saturation errors per profile



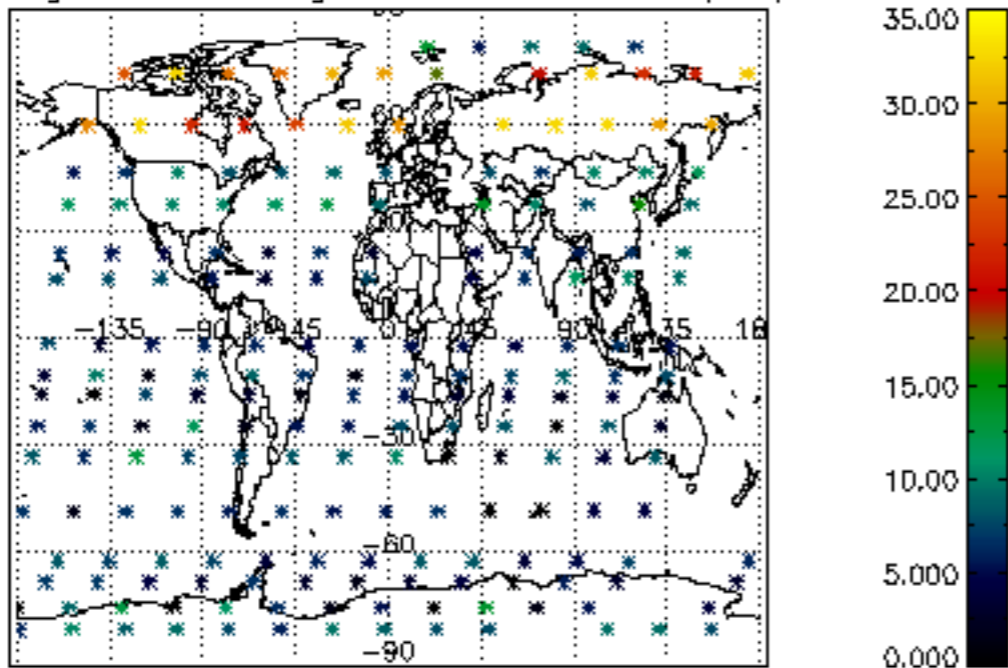
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

