

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	26APR2013 11:01:40
Data source version	GOMOS/6.01
Start time of products	22-07-2009 (22JUL2009 00:00:00)
Stop time of products	23-07-2009 (23JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	252
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__2PRFIN20090722_000108_000000442081_00016_38647_2228.N1	22-JUL-2009 00:01:08	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38647	No
2	GOM_NL__2PRFIN20090722_000820_000000512081_00016_38647_2229.N1	22-JUL-2009 00:08:20	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38647	No
3	GOM_NL__2PRFIN20090722_000958_000000702081_00016_38647_2230.N1	22-JUL-2009 00:09:58	Bright	70.000	76	27Gam Cas	2.3000	30000.	140	38647	No
4	GOM_NL__2PRFIN20090722_001530_000000622081_00016_38647_2231.N1	22-JUL-2009 00:15:30	Bright	61.500	160	23Gam Per	2.9300	4700.0	123	38647	No
5	GOM_NL__2PRFIN20090722_001658_000000452081_00016_38647_2232.N1	22-JUL-2009 00:16:58	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	38647	No
6	GOM_NL__2PRFIN20090722_002001_000000532081_00016_38647_2233.N1	22-JUL-2009 00:20:01	Bright	53.000	79	26Bet Per	2.3100	13100.	106	38647	No
7	GOM_NL__2PRFIN20090722_002310_000000462081_00016_38647_2234.N1	22-JUL-2009 00:23:10	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	38647	No
8	GOM_NL__2PRFIN20090722_002555_000000462081_00016_38647_2235.N1	22-JUL-2009 00:25:55	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	38647	No
9	GOM_NL__2PRFIN20090722_003446_000000692081_00016_38647_2236.N1	22-JUL-2009 00:34:46	Dark	69.000	94	92Alp Cet	2.5260	3100.0	138	38647	No
10	GOM_NL__2PRFIN20090722_003723_000000462081_00016_38647_2237.N1	22-JUL-2009 00:37:23	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	38647	No
11	GOM_NL__2PRFIN20090722_005618_000000542081_00017_38648_2258.N1	22-JUL-2009 00:56:18	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38648	No
12	GOM_NL__2PRFIN20090722_010134_000000662081_00017_38648_2259.N1	22-JUL-2009 01:01:34	Straylight	65.500	63	Bet Gru	2.1500	2800.0	131	38648	No
13	GOM_NL__2PRFIN20090722_010301_000000472081_00017_38648_2260.N1	22-JUL-2009 01:03:01	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38648	No
14	GOM_NL__2PRFIN20090722_010614_000000492081_00017_38648_2261.N1	22-JUL-2009 01:06:14	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	38648	No
15	GOM_NL__2PRFIN20090722_012344_000000442081_00017_38648_2262.N1	22-JUL-2009 01:23:44	Bright	44.000	11	53Alp Aql	0.76500	8000.0	88	38648	No
16	GOM_NL__2PRFIN20090722_013442_000000402081_00017_38648_2263.N1	22-JUL-2009 01:34:42	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	38648	No
17	GOM_NL__2PRFIN20090722_013634_000000492081_00017_38648_2264.N1	22-JUL-2009 01:36:34	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	38648	No
18	GOM_NL__2PRFIN20090722_014144_000000402081_00017_38648_2265.N1	22-JUL-2009 01:41:44	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38648	No
19	GOM_NL__2PRFIN20090722_014856_000000502081_00017_38648_2266.N1	22-JUL-2009 01:48:56	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38648	No
20	GOM_NL__2PRFIN20090722_015033_000000472081_00017_38648_2267.N1	22-JUL-2009 01:50:33	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38648	No
21	GOM_NL__2PRFIN20090722_015606_000000452081_00017_38648_2268.N1	22-JUL-2009 01:56:06	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	38648	No
22	GOM_NL__2PRFIN20090722_015733_000000502081_00017_38648_2269.N1	22-JUL-2009 01:57:33	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	38648	No
23	GOM_NL__2PRFIN20090722_020037_000000522081_00017_38648_2270.N1	22-JUL-2009 02:00:37	Bright	52.000	79	26Bet Per	2.3100	13100.	104	38648	No
24	GOM_NL__2PRFIN20090722_020346_000000472081_00017_38648_2271.N1	22-JUL-2009 02:03:46	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	38648	No
25	GOM_NL__2PRFIN20090722_020631_000000502081_00017_38648_2272.N1	22-JUL-2009 02:06:31	Twilight	49.500	146	25Eta Tau	2.8730	15200.	99	38648	No
26	GOM_NL__2PRFIN20090722_021523_000000652081_00017_38648_2273.N1	22-JUL-2009 02:15:23	Dark	65.000	94	92Alp Cet	2.5260	3100.0	130	38648	No
27	GOM_NL__2PRFIN20090722_021759_000000502081_00017_38648_2274.N1	22-JUL-2009 02:17:59	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	38648	No
28	GOM_NL__2PRFIN20090722_023655_000000542081_00018_38649_2272.N1	22-JUL-2009 02:36:55	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38649	No
29	GOM_NL__2PRFIN20090722_024211_000000562081_00018_38649_2273.N1	22-JUL-2009 02:42:11	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	38649	No
30	GOM_NL__2PRFIN20090722_024337_000000472081_00018_38649_2274.N1	22-JUL-2009 02:43:37	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38649	No
31	GOM_NL__2PRFIN20090722_024650_000000492081_00018_38649_2275.N1	22-JUL-2009 02:46:50	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	38649	No
32	GOM_NL__2PRFIN20090722_030420_000000412081_00018_38649_2276.N1	22-JUL-2009 03:04:20	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	38649	No
33	GOM_NL__2PRFIN20090722_031517_000000392081_00018_38649_2277.N1	22-JUL-2009 03:15:17	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	38649	No
34	GOM_NL__2PRFIN20090722_031709_000000462081_00018_38649_2278.N1	22-JUL-2009 03:17:09	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	38649	No
35	GOM_NL__2PRFIN20090722_032219_000000412081_00018_38649_2279.N1	22-JUL-2009 03:22:19	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38649	No
36	GOM_NL__2PRFIN20090722_032931_000000512081_00018_38649_2280.N1	22-JUL-2009 03:29:31	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38649	No
37	GOM_NL__2PRFIN20090722_033108_000000472081_00018_38649_2281.N1	22-JUL-2009 03:31:08	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	38649	No
38	GOM_NL__2PRFIN20090722_033642_000000432081_00018_38649_2282.N1	22-JUL-2009 03:36:42	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	38649	No
39	GOM_NL__2PRFIN20090722_033809_000000462081_00018_38649_2283.N1	22-JUL-2009 03:38:09	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	38649	No
40	GOM_NL__2PRFIN20090722_034112_000000522081_00018_38649_2284.N1	22-JUL-2009 03:41:12	Bright	52.000	79	26Bet Per	2.3100	13100.	104	38649	No
41	GOM_NL__2PRFIN20090722_034422_000000472081_00018_38649_2285.N1	22-JUL-2009 03:44:22	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	38649	No
42	GOM_NL__2PRFIN20090722_034707_000000482081_00018_38649_2286.N1	22-JUL-2009 03:47:07	Twilight	48.000	146	25Eta Tau	2.8730	15200.	96	38649	No

43	GOM_NL__2PRFIN20090722_035600_000000652081_00018_38649_2287.N1	22-JUL-2009 03:56:00	Dark	65.000	94	92Alp Cet	2.5260	3100.0	130	38649	No
44	GOM_NL__2PRFIN20090722_035836_000000492081_00018_38649_2288.N1	22-JUL-2009 03:58:36	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	38649	No
45	GOM_NL__2PRFIN20090722_041732_000000562081_00019_38650_2284.N1	22-JUL-2009 04:17:32	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38650	No
46	GOM_NL__2PRFIN20090722_042248_000000532081_00019_38650_2285.N1	22-JUL-2009 04:22:48	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38650	No
47	GOM_NL__2PRFIN20090722_042414_000000482081_00019_38650_2286.N1	22-JUL-2009 04:24:14	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38650	No
48	GOM_NL__2PRFIN20090722_042727_000000492081_00019_38650_2287.N1	22-JUL-2009 04:27:27	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	38650	No
49	GOM_NL__2PRFIN20090722_044456_000000442081_00019_38650_2288.N1	22-JUL-2009 04:44:56	Bright	44.000	11	53Alp Aql	0.76500	8000.0	88	38650	No
50	GOM_NL__2PRFIN20090722_045553_000000402081_00019_38650_2289.N1	22-JUL-2009 04:55:53	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	38650	No
51	GOM_NL__2PRFIN20090722_045744_000000472081_00019_38650_2290.N1	22-JUL-2009 04:57:44	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	38650	No
52	GOM_NL__2PRFIN20090722_050255_000000432081_00019_38650_2291.N1	22-JUL-2009 05:02:55	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38650	No
53	GOM_NL__2PRFIN20090722_051006_000000502081_00019_38650_2292.N1	22-JUL-2009 05:10:06	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38650	No
54	GOM_NL__2PRFIN20090722_051144_000000482081_00019_38650_2293.N1	22-JUL-2009 05:11:44	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38650	No
55	GOM_NL__2PRFIN20090722_051717_000000532081_00019_38650_2294.N1	22-JUL-2009 05:17:17	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	38650	No
56	GOM_NL__2PRFIN20090722_051845_000000462081_00019_38650_2295.N1	22-JUL-2009 05:18:45	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	38650	No
57	GOM_NL__2PRFIN20090722_052148_000000532081_00019_38650_2296.N1	22-JUL-2009 05:21:48	Bright	53.000	79	26Bet Per	2.3100	13100.	106	38650	No
58	GOM_NL__2PRFIN20090722_052458_000000472081_00019_38650_2297.N1	22-JUL-2009 05:24:58	Tw_i_and_stray	46.500	150	44Zet Per	2.8900	28000.	93	38650	No
59	GOM_NL__2PRFIN20090722_052744_000000472081_00019_38650_2298.N1	22-JUL-2009 05:27:44	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	38650	No
60	GOM_NL__2PRFIN20090722_053637_000000652081_00019_38650_2299.N1	22-JUL-2009 05:36:37	Dark	65.000	94	92Alp Cet	2.5260	3100.0	130	38650	No
61	GOM_NL__2PRFIN20090722_053912_000000462081_00019_38650_2300.N1	22-JUL-2009 05:39:12	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	38650	No
62	GOM_NL__2PRFIN20090722_055809_000000602081_00020_38651_2300.N1	22-JUL-2009 05:58:09	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	38651	No
63	GOM_NL__2PRFIN20090722_060325_000000512081_00020_38651_2301.N1	22-JUL-2009 06:03:25	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	38651	No
64	GOM_NL__2PRFIN20090722_060451_000000452081_00020_38651_2302.N1	22-JUL-2009 06:04:51	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38651	No
65	GOM_NL__2PRFIN20090722_060803_000000482081_00020_38651_2303.N1	22-JUL-2009 06:08:03	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	38651	No
66	GOM_NL__2PRFIN20090722_062531_000000442081_00020_38651_2304.N1	22-JUL-2009 06:25:31	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	38651	No
67	GOM_NL__2PRFIN20090722_063628_000000402081_00020_38651_2305.N1	22-JUL-2009 06:36:28	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	38651	No
68	GOM_NL__2PRFIN20090722_063820_000000472081_00020_38651_2306.N1	22-JUL-2009 06:38:20	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	38651	No
69	GOM_NL__2PRFIN20090722_064330_000000422081_00020_38651_2307.N1	22-JUL-2009 06:43:30	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38651	No
70	GOM_NL__2PRFIN20090722_065041_000000492081_00020_38651_2308.N1	22-JUL-2009 06:50:41	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38651	No
71	GOM_NL__2PRFIN20090722_065219_000000482081_00020_38651_2309.N1	22-JUL-2009 06:52:19	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38651	No
72	GOM_NL__2PRFIN20090722_065753_000000452081_00020_38651_2310.N1	22-JUL-2009 06:57:53	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	38651	No
73	GOM_NL__2PRFIN20090722_065921_000000462081_00020_38651_2311.N1	22-JUL-2009 06:59:21	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	38651	No
74	GOM_NL__2PRFIN20090722_070224_000000512081_00020_38651_2312.N1	22-JUL-2009 07:02:24	Bright	51.000	79	26Bet Per	2.3100	13100.	102	38651	No
75	GOM_NL__2PRFIN20090722_070534_000000452081_00020_38651_2313.N1	22-JUL-2009 07:05:34	Tw_i_and_stray	45.000	150	44Zet Per	2.8900	28000.	90	38651	No
76	GOM_NL__2PRFIN20090722_070820_000000492081_00020_38651_2314.N1	22-JUL-2009 07:08:20	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	38651	No
77	GOM_NL__2PRFIN20090722_071713_000000632081_00020_38651_2315.N1	22-JUL-2009 07:17:13	Dark	63.000	94	92Alp Cet	2.5260	3100.0	126	38651	No
78	GOM_NL__2PRFIN20090722_071949_000000502081_00020_38651_2316.N1	22-JUL-2009 07:19:49	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	38651	No
79	GOM_NL__2PRFIN20090722_073846_000000582081_00021_38652_2314.N1	22-JUL-2009 07:38:46	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	38652	No
80	GOM_NL__2PRFIN20090722_074401_000000592081_00021_38652_2315.N1	22-JUL-2009 07:44:01	Straylight	59.000	63	Bet Gru	2.1500	2800.0	118	38652	No
81	GOM_NL__2PRFIN20090722_074527_000000442081_00021_38652_2316.N1	22-JUL-2009 07:45:27	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	38652	No
82	GOM_NL__2PRFIN20090722_074840_000000482081_00021_38652_2317.N1	22-JUL-2009 07:48:40	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	38652	No
83	GOM_NL__2PRFIN20090722_080607_000000422081_00021_38652_2318.N1	22-JUL-2009 08:06:07	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	38652	No
84	GOM_NL__2PRFIN20090722_081704_000000402081_00021_38652_2319.N1	22-JUL-2009 08:17:04	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	38652	No
85	GOM_NL__2PRFIN20090722_081855_000000462081_00021_38652_2320.N1	22-JUL-2009 08:18:55	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	38652	No
86	GOM_NL__2PRFIN20090722_082406_000000432081_00021_38652_2321.N1	22-JUL-2009 08:24:06	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38652	No
87	GOM_NL__2PRFIN20090722_083116_000000742081_00021_38652_2322.N1	22-JUL-2009 08:31:16	Bright	74.000	74	11Bet Cas	2.2680	6600.0	148	38652	No
88	GOM_NL__2PRFIN20090722_083255_000000702081_00021_38652_2323.N1	22-JUL-2009 08:32:55	Bright	70.000	76	27Gam Cas	2.3000	30000.	140	38652	No
89	GOM_NL__2PRFIN20090722_083829_000000432081_00021_38652_2324.N1	22-JUL-2009 08:38:29	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	38652	No
90	GOM_NL__2PRFIN20090722_083957_000000452081_00021_38652_2325.N1	22-JUL-2009 08:39:57	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	38652	No
91	GOM_NL__2PRFIN20090722_084300_000000482081_00021_38652_2326.N1	22-JUL-2009 08:43:00	Bright	47.500	79	26Bet Per	2.3100	13100.	95	38652	No
92	GOM_NL__2PRFIN20090722_084610_000000472081_00021_38652_2327.N1	22-JUL-2009 08:46:10	Tw_i_and_stray	47.000	150	44Zet Per	2.8900	28000.	94	38652	No
93	GOM_NL__2PRFIN20090722_084856_000000462081_00021_38652_2328.N1	22-JUL-2009 08:48:56	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	38652	No
94	GOM_NL__2PRFIN20090722_085751_000000572081_00021_38652_2329.N1	22-JUL-2009 08:57:51	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	38652	No
95	GOM_NL__2PRFIN20090722_090026_000000502081_00021_38652_2330.N1	22-JUL-2009 09:00:26	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	38652	No
96	GOM_NL__2PRFIN20090722_091923_000000532081_00022_38653_2325.N1	22-JUL-2009 09:19:23	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38653	No
97	GOM_NL__2PRFIN20090722_092438_000000652081_00022_38653_2326.N1	22-JUL-2009 09:24:38	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	38653	No
98	GOM_NL__2PRFIN20090722_092604_000000482081_00022_38653_2327.N1	22-JUL-2009 09:26:04	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38653	No
99	GOM_NL__2PRFIN20090722_092917_000000472081_00022_38653_2328.N1	22-JUL-2009 09:29:17	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38653	No
100	GOM_NL__2PRFIN20090722_094643_000000392081_00022_38653_2329.N1	22-JUL-2009 09:46:43	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	38653	No
101	GOM_NL__2PRFIN20090722_095739_000000402081_00022_38653_2330.N1	22-JUL-2009 09:57:39	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	38653	No

102	GOM_NL__2PRFIN20090722_095930_000000472081_00022_38653_2331.N1	22-JUL-2009 09:59:30	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	38653	No
103	GOM_NL__2PRFIN20090722_100441_000000422081_00022_38653_2332.N1	22-JUL-2009 10:04:41	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	38653	No
104	GOM_NL__2PRFIN20090722_101151_000000492081_00022_38653_2333.N1	22-JUL-2009 10:11:51	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38653	No
105	GOM_NL__2PRFIN20090722_101330_000000472081_00022_38653_2334.N1	22-JUL-2009 10:13:30	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38653	No
106	GOM_NL__2PRFIN20090722_101904_000000432081_00022_38653_2335.N1	22-JUL-2009 10:19:04	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	38653	No
107	GOM_NL__2PRFIN20090722_102032_000000632081_00022_38653_2336.N1	22-JUL-2009 10:20:32	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	38653	No
108	GOM_NL__2PRFIN20090722_102336_000000502081_00022_38653_2337.N1	22-JUL-2009 10:23:36	Bright	49.500	79	26Bet Per	2.3100	13100.	99	38653	No
109	GOM_NL__2PRFIN20090722_102646_000000462081_00022_38653_2338.N1	22-JUL-2009 10:26:46	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	38653	No
110	GOM_NL__2PRFIN20090722_102932_000000492081_00022_38653_2339.N1	22-JUL-2009 10:29:32	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	38653	No
111	GOM_NL__2PRFIN20090722_103827_000000572081_00022_38653_2340.N1	22-JUL-2009 10:38:27	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	38653	No
112	GOM_NL__2PRFIN20090722_104102_000000472081_00022_38653_2341.N1	22-JUL-2009 10:41:02	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	38653	No
113	GOM_NL__2PRFIN20090722_110000_000000552081_00023_38654_2342.N1	22-JUL-2009 11:00:00	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38654	No
114	GOM_NL__2PRFIN20090722_110515_000000532081_00023_38654_2343.N1	22-JUL-2009 11:05:15	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	38654	No
115	GOM_NL__2PRFIN20090722_110640_000000492081_00023_38654_2344.N1	22-JUL-2009 11:06:40	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38654	No
116	GOM_NL__2PRFIN20090722_110953_000000502081_00023_38654_2345.N1	22-JUL-2009 11:09:53	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	38654	No
117	GOM_NL__2PRFIN20090722_112718_000000402081_00023_38654_2346.N1	22-JUL-2009 11:27:18	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	38654	No
118	GOM_NL__2PRFIN20090722_113815_000000392081_00023_38654_2347.N1	22-JUL-2009 11:38:15	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	38654	No
119	GOM_NL__2PRFIN20090722_114005_000000452081_00023_38654_2348.N1	22-JUL-2009 11:40:05	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	38654	No
120	GOM_NL__2PRFIN20090722_114516_000000432081_00023_38654_2349.N1	22-JUL-2009 11:45:16	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38654	No
121	GOM_NL__2PRFIN20090722_115227_000000532081_00023_38654_2350.N1	22-JUL-2009 11:52:27	Bright	53.000	74	11Bet Cas	2.2680	6600.0	106	38654	No
122	GOM_NL__2PRFIN20090722_115405_000000472081_00023_38654_2351.N1	22-JUL-2009 11:54:05	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38654	No
123	GOM_NL__2PRFIN20090722_115940_000000642081_00023_38654_2352.N1	22-JUL-2009 11:59:40	Bright	64.000	160	23Gam Per	2.9300	4700.0	128	38654	No
124	GOM_NL__2PRFIN20090722_120108_000000452081_00023_38654_2353.N1	22-JUL-2009 12:01:08	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	38654	No
125	GOM_NL__2PRFIN20090722_120412_000000522081_00023_38654_2354.N1	22-JUL-2009 12:04:12	Bright	51.500	79	26Bet Per	2.3100	13100.	103	38654	No
126	GOM_NL__2PRFIN20090722_120722_000000462081_00023_38654_2355.N1	22-JUL-2009 12:07:22	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	38654	No
127	GOM_NL__2PRFIN20090722_121008_000000482081_00023_38654_2356.N1	22-JUL-2009 12:10:08	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	38654	No
128	GOM_NL__2PRFIN20090722_121904_000000492081_00023_38654_2357.N1	22-JUL-2009 12:19:04	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	38654	No
129	GOM_NL__2PRFIN20090722_122139_000000512081_00023_38654_2358.N1	22-JUL-2009 12:21:39	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	38654	No
130	GOM_NL__2PRFIN20090722_123052_000000432081_00023_38654_2359.N1	22-JUL-2009 12:30:52	Dark	43.000	157	The1Eri	2.9060	9300.0	86	38654	No
131	GOM_NL__2PRFIN20090722_124037_000000532081_00024_38655_2356.N1	22-JUL-2009 12:40:37	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	38655	No
132	GOM_NL__2PRFIN20090722_124551_000000522081_00024_38655_2357.N1	22-JUL-2009 12:45:51	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	38655	No
133	GOM_NL__2PRFIN20090722_124717_000000472081_00024_38655_2358.N1	22-JUL-2009 12:47:17	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38655	No
134	GOM_NL__2PRFIN20090722_125029_000000502081_00024_38655_2359.N1	22-JUL-2009 12:50:29	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	38655	No
135	GOM_NL__2PRFIN20090722_130754_000000452081_00024_38655_2360.N1	22-JUL-2009 13:07:54	Bright	45.000	11	53Alp Aql	0.76500	8000.0	90	38655	No
136	GOM_NL__2PRFIN20090722_131850_000000392081_00024_38655_2361.N1	22-JUL-2009 13:18:50	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	38655	No
137	GOM_NL__2PRFIN20090722_132041_000000672081_00024_38655_2362.N1	22-JUL-2009 13:20:41	Bright	67.000	19	50Alp Cyg	1.2460	10500.	134	38655	No
138	GOM_NL__2PRFIN20090722_133302_000000512081_00024_38655_2363.N1	22-JUL-2009 13:33:02	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38655	No
139	GOM_NL__2PRFIN20090722_133440_000000702081_00024_38655_2364.N1	22-JUL-2009 13:34:40	Bright	70.000	76	27Gam Cas	2.3000	30000.	140	38655	No
140	GOM_NL__2PRFIN20090722_134016_000000442081_00024_38655_2365.N1	22-JUL-2009 13:40:16	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	38655	No
141	GOM_NL__2PRFIN20090722_134144_000000462081_00024_38655_2366.N1	22-JUL-2009 13:41:44	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	38655	No
142	GOM_NL__2PRFIN20090722_134448_000000522081_00024_38655_2367.N1	22-JUL-2009 13:44:48	Bright	51.500	79	26Bet Per	2.3100	13100.	103	38655	No
143	GOM_NL__2PRFIN20090722_134758_000000482081_00024_38655_2368.N1	22-JUL-2009 13:47:58	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	38655	No
144	GOM_NL__2PRFIN20090722_135045_000000492081_00024_38655_2369.N1	22-JUL-2009 13:50:45	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	38655	No
145	GOM_NL__2PRFIN20090722_135941_000000492081_00024_38655_2370.N1	22-JUL-2009 13:59:41	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	38655	No
146	GOM_NL__2PRFIN20090722_140215_000000492081_00024_38655_2371.N1	22-JUL-2009 14:02:15	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	38655	No
147	GOM_NL__2PRFIN20090722_141129_000000422081_00024_38655_2372.N1	22-JUL-2009 14:11:29	Dark	41.500	157	The1Eri	2.9060	9300.0	83	38655	No
148	GOM_NL__2PRFIN20090722_142114_000000532081_00025_38656_2379.N1	22-JUL-2009 14:21:14	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38656	No
149	GOM_NL__2PRFIN20090722_142628_000000492081_00025_38656_2380.N1	22-JUL-2009 14:26:28	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	38656	No
150	GOM_NL__2PRFIN20090722_142753_000000452081_00025_38656_2381.N1	22-JUL-2009 14:27:53	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38656	No
151	GOM_NL__2PRFIN20090722_143106_000000482081_00025_38656_2382.N1	22-JUL-2009 14:31:06	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	38656	No
152	GOM_NL__2PRFIN20090722_144830_000000412081_00025_38656_2383.N1	22-JUL-2009 14:48:30	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	38656	No
153	GOM_NL__2PRFIN20090722_145926_000000372081_00025_38656_2384.N1	22-JUL-2009 14:59:26	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	38656	No
154	GOM_NL__2PRFIN20090722_150116_000000472081_00025_38656_2385.N1	22-JUL-2009 15:01:16	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	38656	No
155	GOM_NL__2PRFIN20090722_150627_000000422081_00025_38656_2386.N1	22-JUL-2009 15:06:27	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38656	No
156	GOM_NL__2PRFIN20090722_151337_000000502081_00025_38656_2387.N1	22-JUL-2009 15:13:37	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38656	No
157	GOM_NL__2PRFIN20090722_151623_000000432081_00025_38656_2388.N1	22-JUL-2009 15:16:23	Bright	42.500	110	37Del Cas	2.6780	8900.0	85	38656	No
158	GOM_NL__2PRFIN20090722_152051_000000442081_00025_38656_2389.N1	22-JUL-2009 15:20:51	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	38656	No
159	GOM_NL__2PRFIN20090722_152219_000000462081_00025_38656_2390.N1	22-JUL-2009 15:22:19	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	38656	No
160	GOM_NL__2PRFIN20090722_152523_000000522081_00025_38656_2391.N1	22-JUL-2009 15:25:23	Bright	51.500	79	26Bet Per	2.3100	13100.	103	38656	No

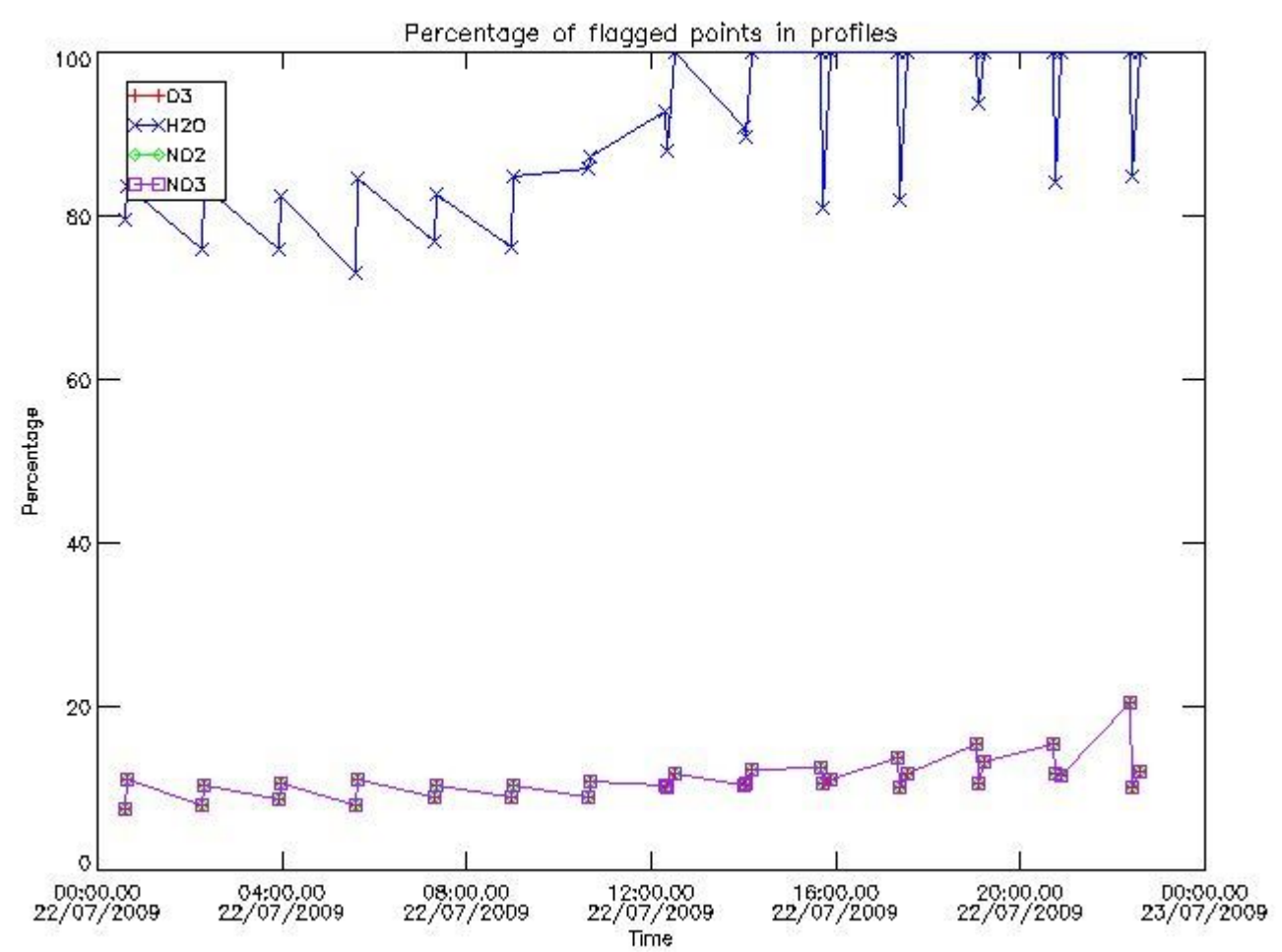
161	GOM_NL__2PRFIN20090722_152834_000000462081_00025_38656_2392.N1	22-JUL-2009 15:28:34	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	38656	No
162	GOM_NL__2PRFIN20090722_153121_000000492081_00025_38656_2393.N1	22-JUL-2009 15:31:21	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	38656	No
163	GOM_NL__2PRFIN20090722_154018_000000412081_00025_38656_2394.N1	22-JUL-2009 15:40:18	Dark	41.000	94	92Alp Cet	2.5260	3100.0	82	38656	No
164	GOM_NL__2PRFIN20090722_154252_000000482081_00025_38656_2395.N1	22-JUL-2009 15:42:52	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	38656	No
165	GOM_NL__2PRFIN20090722_155205_000000462081_00025_38656_2396.N1	22-JUL-2009 15:52:05	Dark	46.000	157	The1Eri	2.9060	9300.0	92	38656	No
166	GOM_NL__2PRFIN20090722_160151_000000552081_00026_38657_2400.N1	22-JUL-2009 16:01:51	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38657	No
167	GOM_NL__2PRFIN20090722_160704_000000482081_00026_38657_2401.N1	22-JUL-2009 16:07:04	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	38657	No
168	GOM_NL__2PRFIN20090722_160829_000000472081_00026_38657_2402.N1	22-JUL-2009 16:08:29	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38657	No
169	GOM_NL__2PRFIN20090722_161142_000000482081_00026_38657_2403.N1	22-JUL-2009 16:11:42	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38657	No
170	GOM_NL__2PRFIN20090722_162905_000000612081_00026_38657_2404.N1	22-JUL-2009 16:29:05	Bright	61.000	11	53Alp Aql	0.76500	8000.0	122	38657	No
171	GOM_NL__2PRFIN20090722_164001_000000402081_00026_38657_2405.N1	22-JUL-2009 16:40:01	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	38657	No
172	GOM_NL__2PRFIN20090722_164151_000000462081_00026_38657_2406.N1	22-JUL-2009 16:41:51	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	38657	No
173	GOM_NL__2PRFIN20090722_164702_000000432081_00026_38657_2407.N1	22-JUL-2009 16:47:02	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38657	No
174	GOM_NL__2PRFIN20090722_165412_000000502081_00026_38657_2408.N1	22-JUL-2009 16:54:12	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38657	No
175	GOM_NL__2PRFIN20090722_165658_000000472081_00026_38657_2409.N1	22-JUL-2009 16:56:58	Bright	46.500	110	37Del Cas	2.6780	8900.0	93	38657	No
176	GOM_NL__2PRFIN20090722_170127_000000642081_00026_38657_2410.N1	22-JUL-2009 17:01:27	Bright	64.000	160	23Gam Per	2.9300	4700.0	128	38657	No
177	GOM_NL__2PRFIN20090722_170255_000000632081_00026_38657_2411.N1	22-JUL-2009 17:02:55	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	38657	No
178	GOM_NL__2PRFIN20090722_170559_000000502081_00026_38657_2412.N1	22-JUL-2009 17:05:59	Bright	50.000	79	26Bet Per	2.3100	13100.	100	38657	No
179	GOM_NL__2PRFIN20090722_170910_000000472081_00026_38657_2413.N1	22-JUL-2009 17:09:10	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	38657	No
180	GOM_NL__2PRFIN20090722_171157_000000512081_00026_38657_2414.N1	22-JUL-2009 17:11:57	Twilight	50.500	146	25Eta Tau	2.8730	15200.	101	38657	No
181	GOM_NL__2PRFIN20090722_172055_000000412081_00026_38657_2415.N1	22-JUL-2009 17:20:55	Dark	41.000	94	92Alp Cet	2.5260	3100.0	82	38657	No
182	GOM_NL__2PRFIN20090722_172328_000000512081_00026_38657_2416.N1	22-JUL-2009 17:23:28	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	38657	No
183	GOM_NL__2PRFIN20090722_173242_000000442081_00026_38657_2417.N1	22-JUL-2009 17:32:42	Dark	43.500	157	The1Eri	2.9060	9300.0	87	38657	No
184	GOM_NL__2PRFIN20090722_174228_000000522081_00027_38658_2424.N1	22-JUL-2009 17:42:28	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	38658	No
185	GOM_NL__2PRFIN20090722_174741_000000482081_00027_38658_2425.N1	22-JUL-2009 17:47:41	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	38658	No
186	GOM_NL__2PRFIN20090722_174906_000000472081_00027_38658_2426.N1	22-JUL-2009 17:49:06	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38658	No
187	GOM_NL__2PRFIN20090722_175219_000000502081_00027_38658_2427.N1	22-JUL-2009 17:52:19	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	38658	No
188	GOM_NL__2PRFIN20090722_180941_000000422081_00027_38658_2428.N1	22-JUL-2009 18:09:41	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	38658	No
189	GOM_NL__2PRFIN20090722_182037_000000392081_00027_38658_2429.N1	22-JUL-2009 18:20:37	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	38658	No
190	GOM_NL__2PRFIN20090722_182226_000000462081_00027_38658_2430.N1	22-JUL-2009 18:22:26	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	38658	No
191	GOM_NL__2PRFIN20090722_182738_000000432081_00027_38658_2431.N1	22-JUL-2009 18:27:38	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38658	No
192	GOM_NL__2PRFIN20090722_183447_000000502081_00027_38658_2432.N1	22-JUL-2009 18:34:47	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38658	No
193	GOM_NL__2PRFIN20090722_183733_000000522081_00027_38658_2433.N1	22-JUL-2009 18:37:33	Bright	51.500	110	37Del Cas	2.6780	8900.0	103	38658	No
194	GOM_NL__2PRFIN20090722_184203_000000472081_00027_38658_2434.N1	22-JUL-2009 18:42:03	Bright	46.500	160	23Gam Per	2.9300	4700.0	93	38658	No
195	GOM_NL__2PRFIN20090722_184331_000000442081_00027_38658_2435.N1	22-JUL-2009 18:43:31	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	38658	No
196	GOM_NL__2PRFIN20090722_184635_000000512081_00027_38658_2436.N1	22-JUL-2009 18:46:35	Bright	51.000	79	26Bet Per	2.3100	13100.	102	38658	No
197	GOM_NL__2PRFIN20090722_184947_000000482081_00027_38658_2437.N1	22-JUL-2009 18:49:47	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	38658	No
198	GOM_NL__2PRFIN20090722_185233_000000492081_00027_38658_2438.N1	22-JUL-2009 18:52:33	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	38658	No
199	GOM_NL__2PRFIN20090722_190132_000000332081_00027_38658_2439.N1	22-JUL-2009 19:01:32	Dark	33.000	94	92Alp Cet	2.5260	3100.0	66	38658	No
200	GOM_NL__2PRFIN20090722_190405_000000492081_00027_38658_2440.N1	22-JUL-2009 19:04:05	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	38658	No
201	GOM_NL__2PRFIN20090722_191319_000000422081_00027_38658_2441.N1	22-JUL-2009 19:13:19	Dark	42.000	157	The1Eri	2.9060	9300.0	84	38658	No
202	GOM_NL__2PRFIN20090722_192306_000000532081_00028_38659_2438.N1	22-JUL-2009 19:23:06	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38659	No
203	GOM_NL__2PRFIN20090722_192818_000000552081_00028_38659_2439.N1	22-JUL-2009 19:28:18	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	38659	No
204	GOM_NL__2PRFIN20090722_192943_000000442081_00028_38659_2440.N1	22-JUL-2009 19:29:43	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	38659	No
205	GOM_NL__2PRFIN20090722_193256_000000502081_00028_38659_2441.N1	22-JUL-2009 19:32:56	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	38659	No
206	GOM_NL__2PRFIN20090722_195017_000000432081_00028_38659_2442.N1	22-JUL-2009 19:50:17	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	38659	No
207	GOM_NL__2PRFIN20090722_200112_000000392081_00028_38659_2443.N1	22-JUL-2009 20:01:12	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	38659	No
208	GOM_NL__2PRFIN20090722_200301_000000472081_00028_38659_2444.N1	22-JUL-2009 20:03:01	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	38659	No
209	GOM_NL__2PRFIN20090722_200813_000000422081_00028_38659_2445.N1	22-JUL-2009 20:08:13	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38659	No
210	GOM_NL__2PRFIN20090722_201522_000000502081_00028_38659_2446.N1	22-JUL-2009 20:15:22	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38659	No
211	GOM_NL__2PRFIN20090722_201809_000000432081_00028_38659_2447.N1	22-JUL-2009 20:18:09	Bright	43.000	110	37Del Cas	2.6780	8900.0	86	38659	No
212	GOM_NL__2PRFIN20090722_202239_000000432081_00028_38659_2448.N1	22-JUL-2009 20:22:39	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	38659	No
213	GOM_NL__2PRFIN20090722_202407_000000622081_00028_38659_2449.N1	22-JUL-2009 20:24:07	Bright	62.000	35	33Alp Per	1.7950	6250.0	124	38659	No
214	GOM_NL__2PRFIN20090722_202711_000000502081_00028_38659_2450.N1	22-JUL-2009 20:27:11	Bright	49.500	79	26Bet Per	2.3100	13100.	99	38659	No
215	GOM_NL__2PRFIN20090722_203022_000000462081_00028_38659_2451.N1	22-JUL-2009 20:30:22	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	38659	No
216	GOM_NL__2PRFIN20090722_203310_000000452081_00028_38659_2452.N1	22-JUL-2009 20:33:10	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	38659	No
217	GOM_NL__2PRFIN20090722_204209_000000332081_00028_38659_2453.N1	22-JUL-2009 20:42:09	Dark	33.000	94	92Alp Cet	2.5260	3100.0	66	38659	No
218	GOM_NL__2PRFIN20090722_204441_000000482081_00028_38659_2454.N1	22-JUL-2009 20:44:41	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	38659	No
219	GOM_NL__2PRFIN20090722_205356_000000442081_00028_38659_2455.N1	22-JUL-2009 20:53:56	Dark	44.000	157	The1Eri	2.9060	9300.0	88	38659	No

220	GOM_NL__2PRFIN20090722_210343_000000552081_00029_38660_2454.N1	22-JUL-2009 21:03:43	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38660	No
221	GOM_NL__2PRFIN20090722_210854_000000502081_00029_38660_2455.N1	22-JUL-2009 21:08:54	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	38660	No
222	GOM_NL__2PRFIN20090722_211019_000000522081_00029_38660_2456.N1	22-JUL-2009 21:10:19	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	38660	No
223	GOM_NL__2PRFIN20090722_211332_000000492081_00029_38660_2457.N1	22-JUL-2009 21:13:32	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	38660	No
224	GOM_NL__2PRFIN20090722_213052_000000432081_00029_38660_2458.N1	22-JUL-2009 21:30:52	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	38660	No
225	GOM_NL__2PRFIN20090722_214148_000000392081_00029_38660_2459.N1	22-JUL-2009 21:41:48	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	38660	No
226	GOM_NL__2PRFIN20090722_214337_000000462081_00029_38660_2460.N1	22-JUL-2009 21:43:37	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	38660	No
227	GOM_NL__2PRFIN20090722_214849_000000442081_00029_38660_2461.N1	22-JUL-2009 21:48:49	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38660	No
228	GOM_NL__2PRFIN20090722_215557_000000512081_00029_38660_2462.N1	22-JUL-2009 21:55:57	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38660	No
229	GOM_NL__2PRFIN20090722_215844_000000692081_00029_38660_2463.N1	22-JUL-2009 21:58:44	Bright	69.000	110	37Del Cas	2.6780	8900.0	138	38660	No
230	GOM_NL__2PRFIN20090722_220314_000000432081_00029_38660_2464.N1	22-JUL-2009 22:03:14	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	38660	No
231	GOM_NL__2PRFIN20090722_220442_000000472081_00029_38660_2465.N1	22-JUL-2009 22:04:42	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	38660	No
232	GOM_NL__2PRFIN20090722_220747_000000532081_00029_38660_2466.N1	22-JUL-2009 22:07:47	Bright	53.000	79	26Bet Per	2.3100	13100.	106	38660	No
233	GOM_NL__2PRFIN20090722_221059_000000482081_00029_38660_2467.N1	22-JUL-2009 22:10:59	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	38660	No
234	GOM_NL__2PRFIN20090722_221346_000000472081_00029_38660_2468.N1	22-JUL-2009 22:13:46	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	38660	No
235	GOM_NL__2PRFIN20090722_222246_000000252081_00029_38660_2469.N1	22-JUL-2009 22:22:46	Dark	24.500	94	92Alp Cet	2.5260	3100.0	49	38660	No
236	GOM_NL__2PRFIN20090722_222518_000000502081_00029_38660_2470.N1	22-JUL-2009 22:25:18	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	38660	No
237	GOM_NL__2PRFIN20090722_223432_000000422081_00029_38660_2471.N1	22-JUL-2009 22:34:32	Dark	42.000	157	The1Eri	2.9060	9300.0	84	38660	No
238	GOM_NL__2PRFIN20090722_224419_000000552081_00030_38661_2468.N1	22-JUL-2009 22:44:19	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38661	No
239	GOM_NL__2PRFIN20090722_224931_000000632081_00030_38661_2469.N1	22-JUL-2009 22:49:31	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	38661	No
240	GOM_NL__2PRFIN20090722_225056_000000472081_00030_38661_2470.N1	22-JUL-2009 22:50:56	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38661	No
241	GOM_NL__2PRFIN20090722_225409_000000482081_00030_38661_2471.N1	22-JUL-2009 22:54:09	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	38661	No
242	GOM_NL__2PRFIN20090722_231128_000000432081_00030_38661_2472.N1	22-JUL-2009 23:11:28	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	38661	No
243	GOM_NL__2PRFIN20090722_232223_000000402081_00030_38661_2473.N1	22-JUL-2009 23:22:23	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	38661	No
244	GOM_NL__2PRFIN20090722_232412_000000672081_00030_38661_2474.N1	22-JUL-2009 23:24:12	Bright	67.000	19	50Alp Cyg	1.2460	10500.	134	38661	No
245	GOM_NL__2PRFIN20090722_232924_000000432081_00030_38661_2475.N1	22-JUL-2009 23:29:24	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38661	No
246	GOM_NL__2PRFIN20090722_233632_000000512081_00030_38661_2476.N1	22-JUL-2009 23:36:32	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38661	No
247	GOM_NL__2PRFIN20090722_233919_000000452081_00030_38661_2477.N1	22-JUL-2009 23:39:19	Bright	44.500	110	37Del Cas	2.6780	8900.0	89	38661	No
248	GOM_NL__2PRFIN20090722_234350_000000572081_00030_38661_2478.N1	22-JUL-2009 23:43:50	Bright	56.500	160	23Gam Per	2.9300	4700.0	113	38661	No
249	GOM_NL__2PRFIN20090722_234518_000000512081_00030_38661_2479.N1	22-JUL-2009 23:45:18	Bright	50.500	35	33Alp Per	1.7950	6250.0	101	38661	No
250	GOM_NL__2PRFIN20090722_234822_000000512081_00030_38661_2480.N1	22-JUL-2009 23:48:22	Bright	50.500	79	26Bet Per	2.3100	13100.	101	38661	No
251	GOM_NL__2PRFIN20090722_235135_000000492081_00030_38661_2481.N1	22-JUL-2009 23:51:35	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	38661	No
252	GOM_NL__2PRFIN20090722_235422_000000482081_00030_38661_2482.N1	22-JUL-2009 23:54:22	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	38661	No

3. Quality information per product

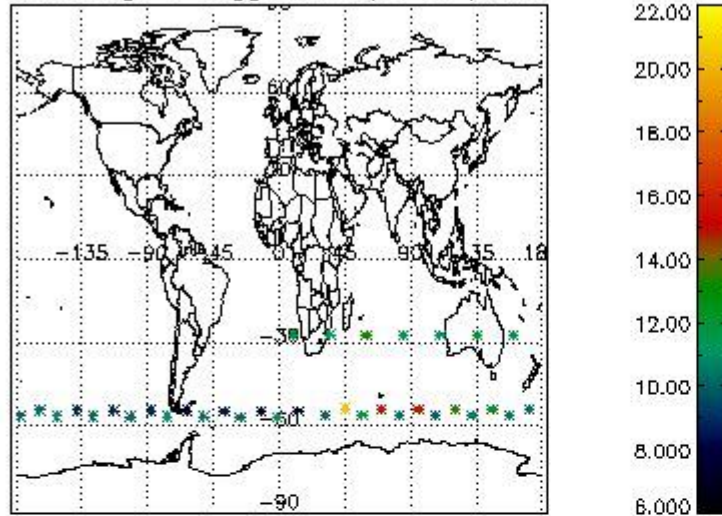
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

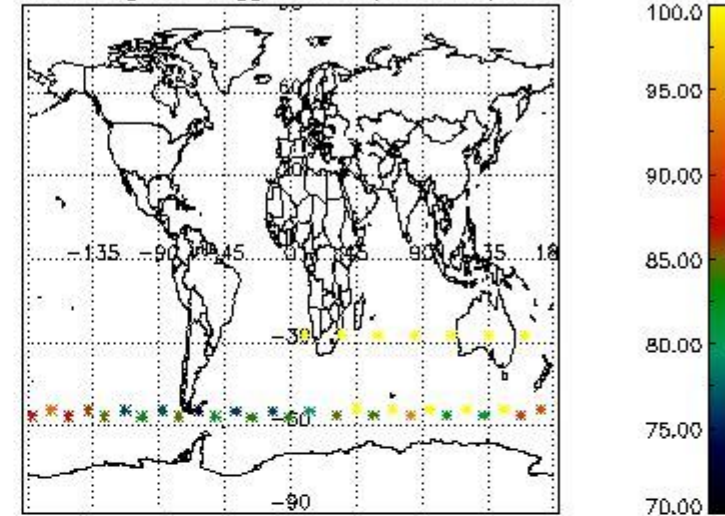


3.2 Plot quality information per product (world map)

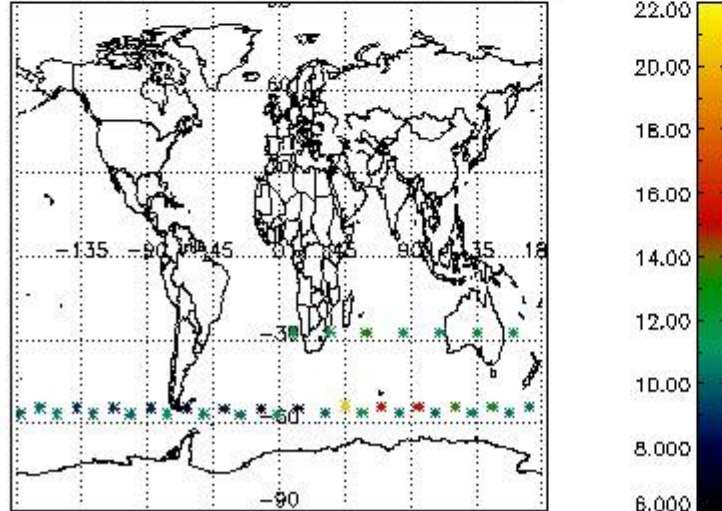
Percentage of flagged data per O3 profile



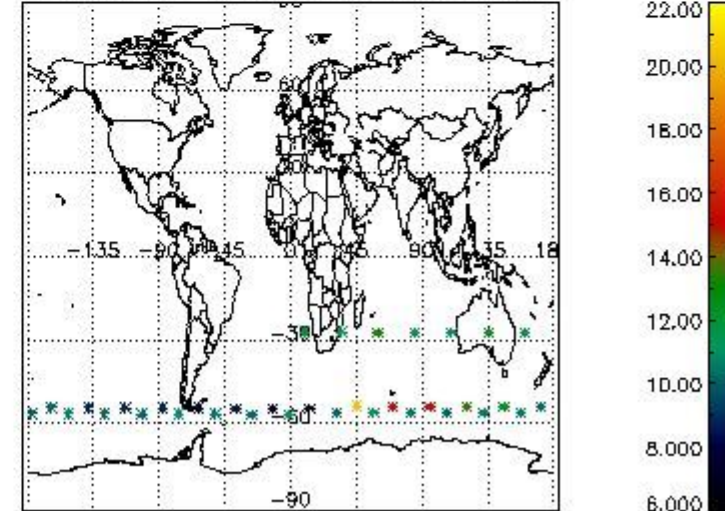
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

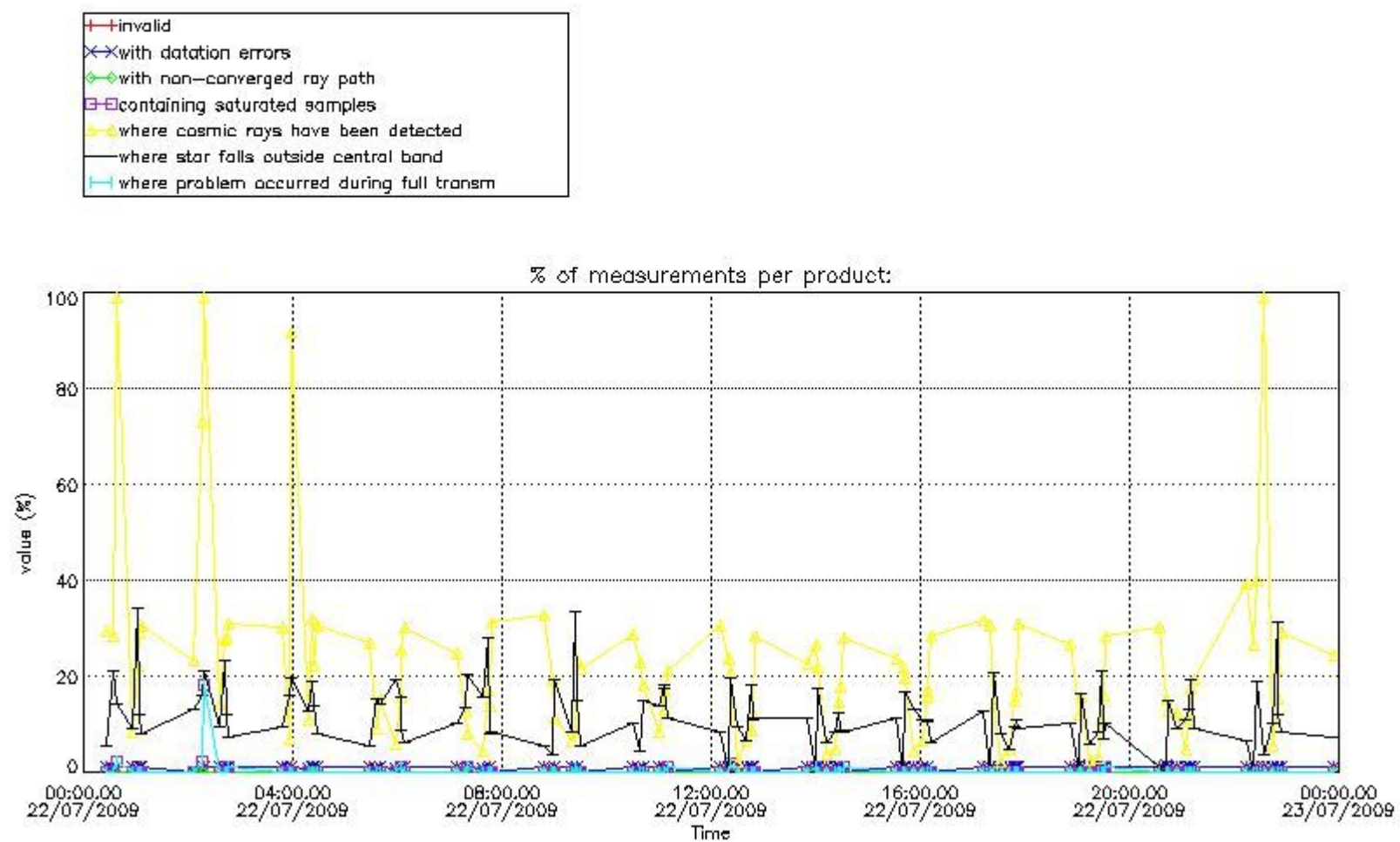


4. Level 1 quality information per product

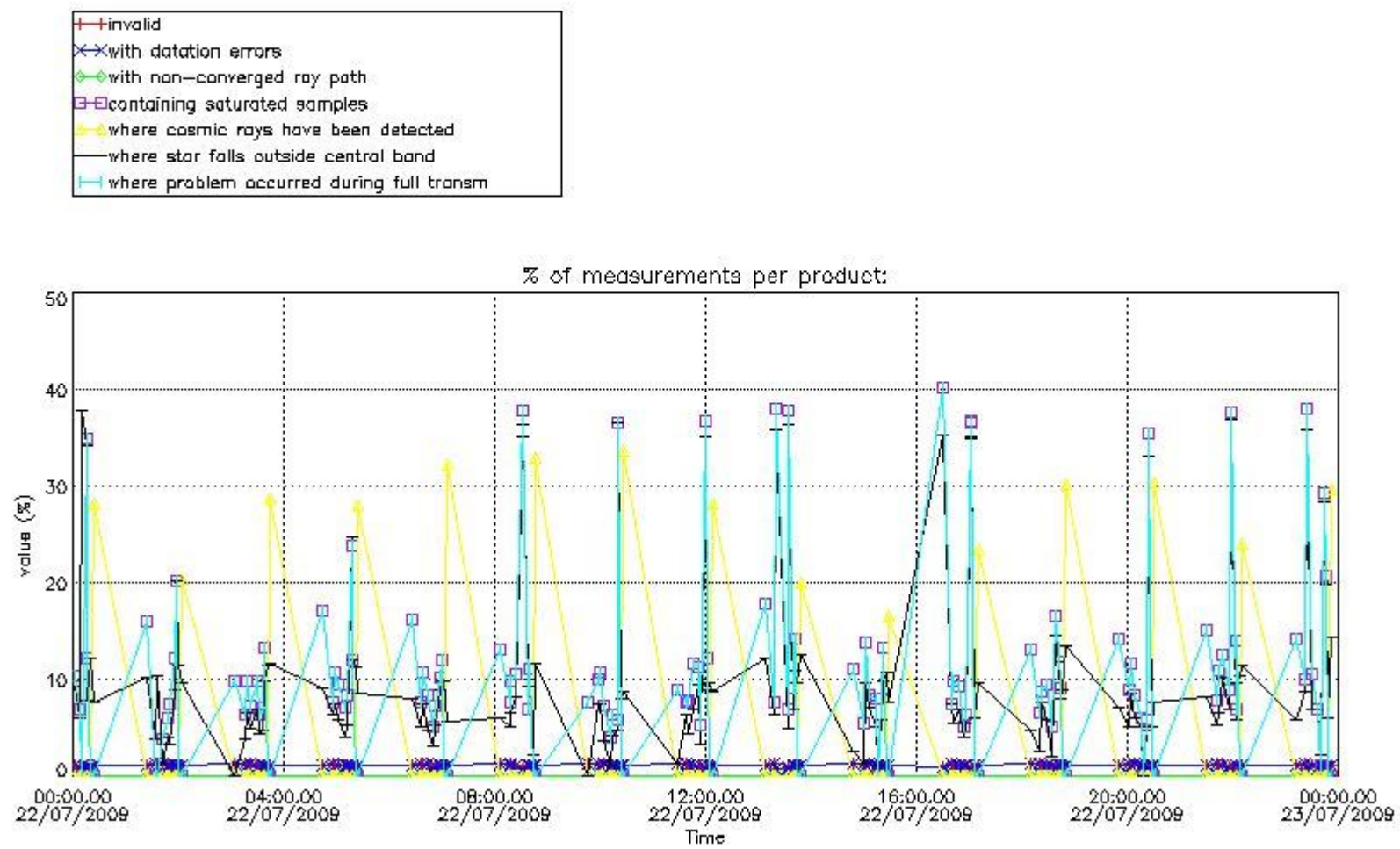
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

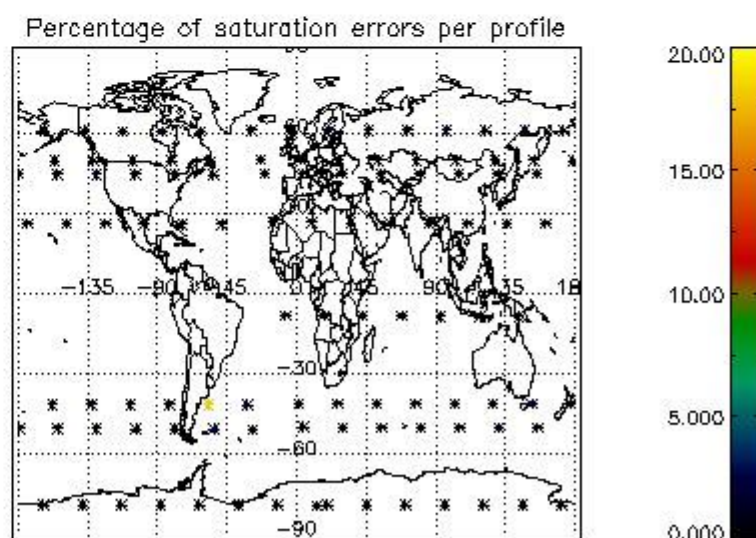
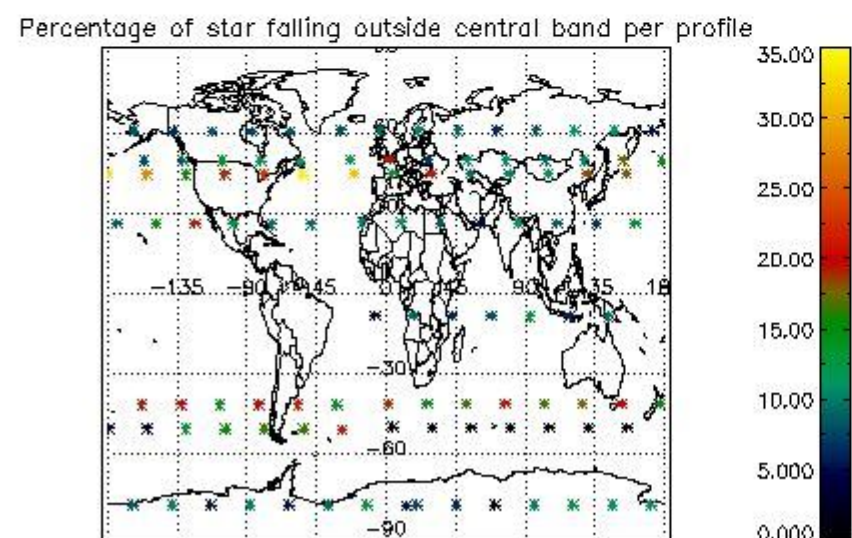
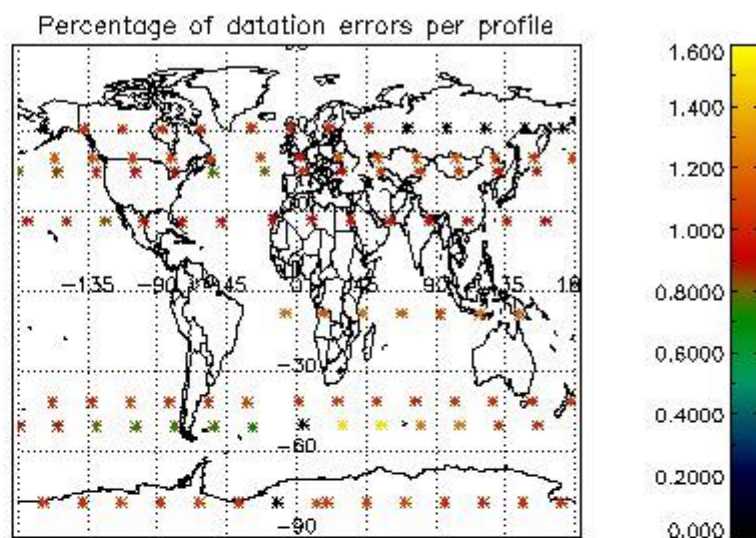
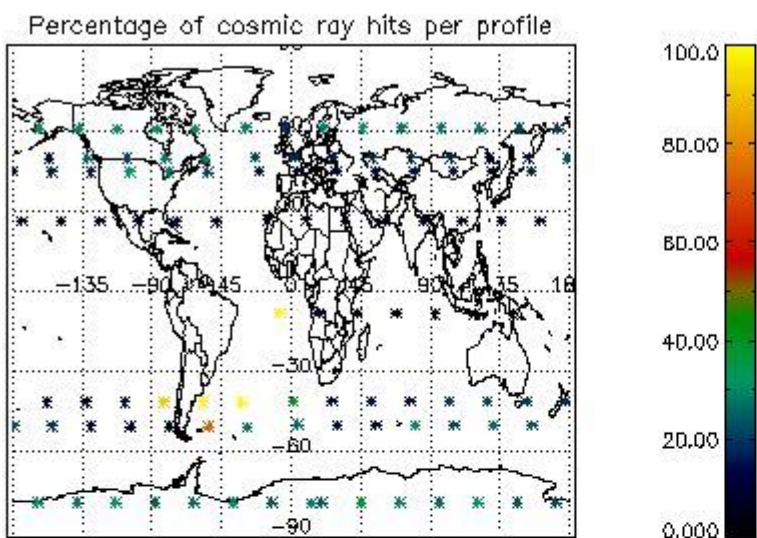


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

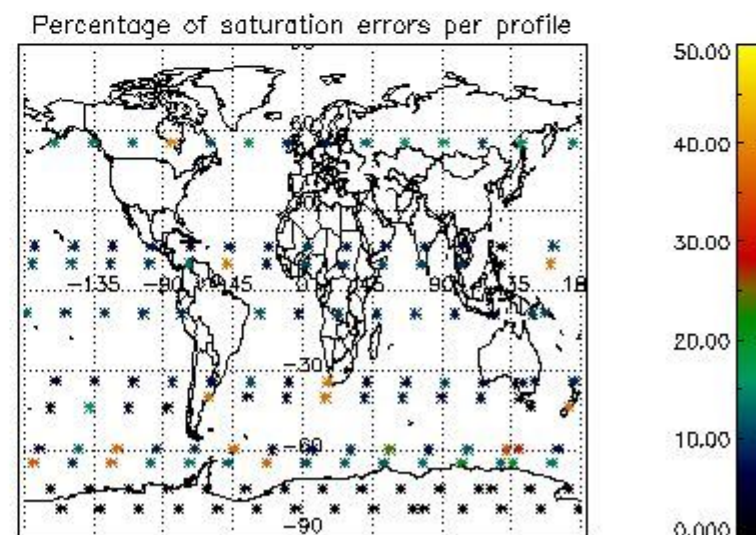
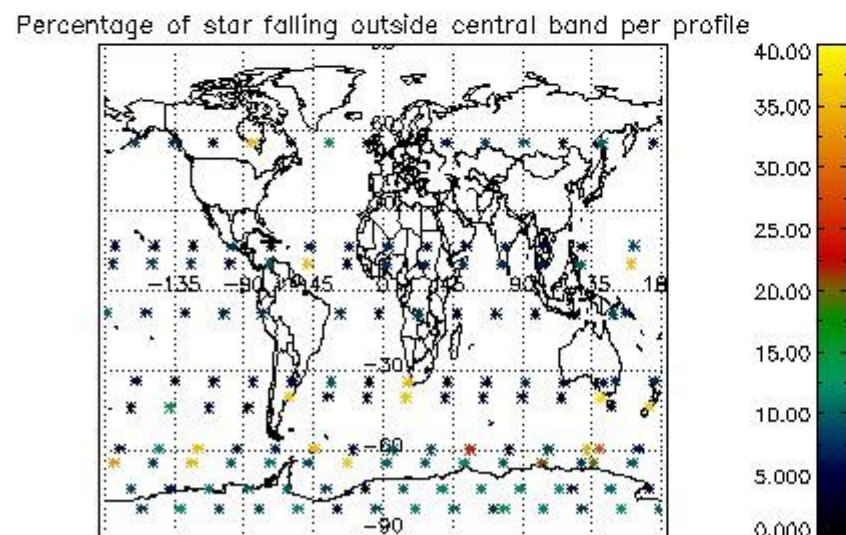
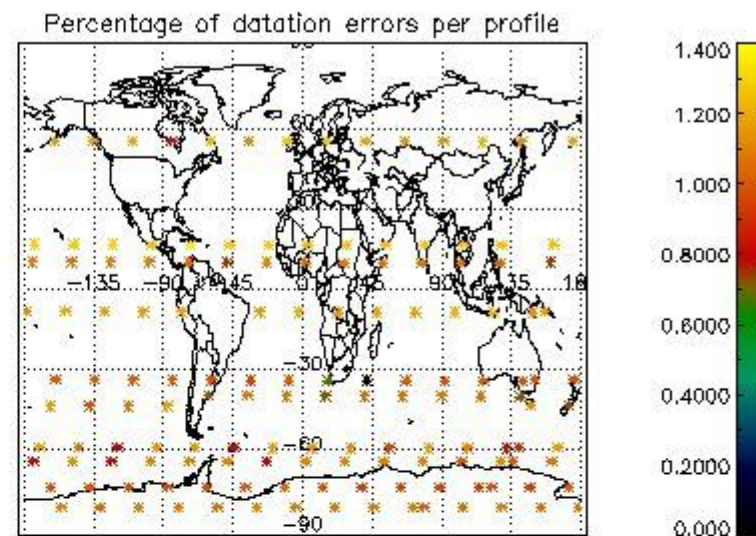
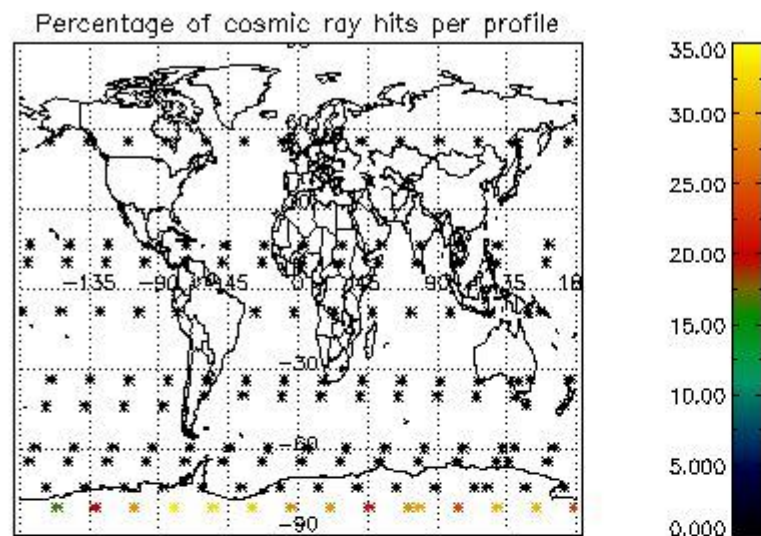


4.2 Plot quality information per product coming from level 1b processing (world map)

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

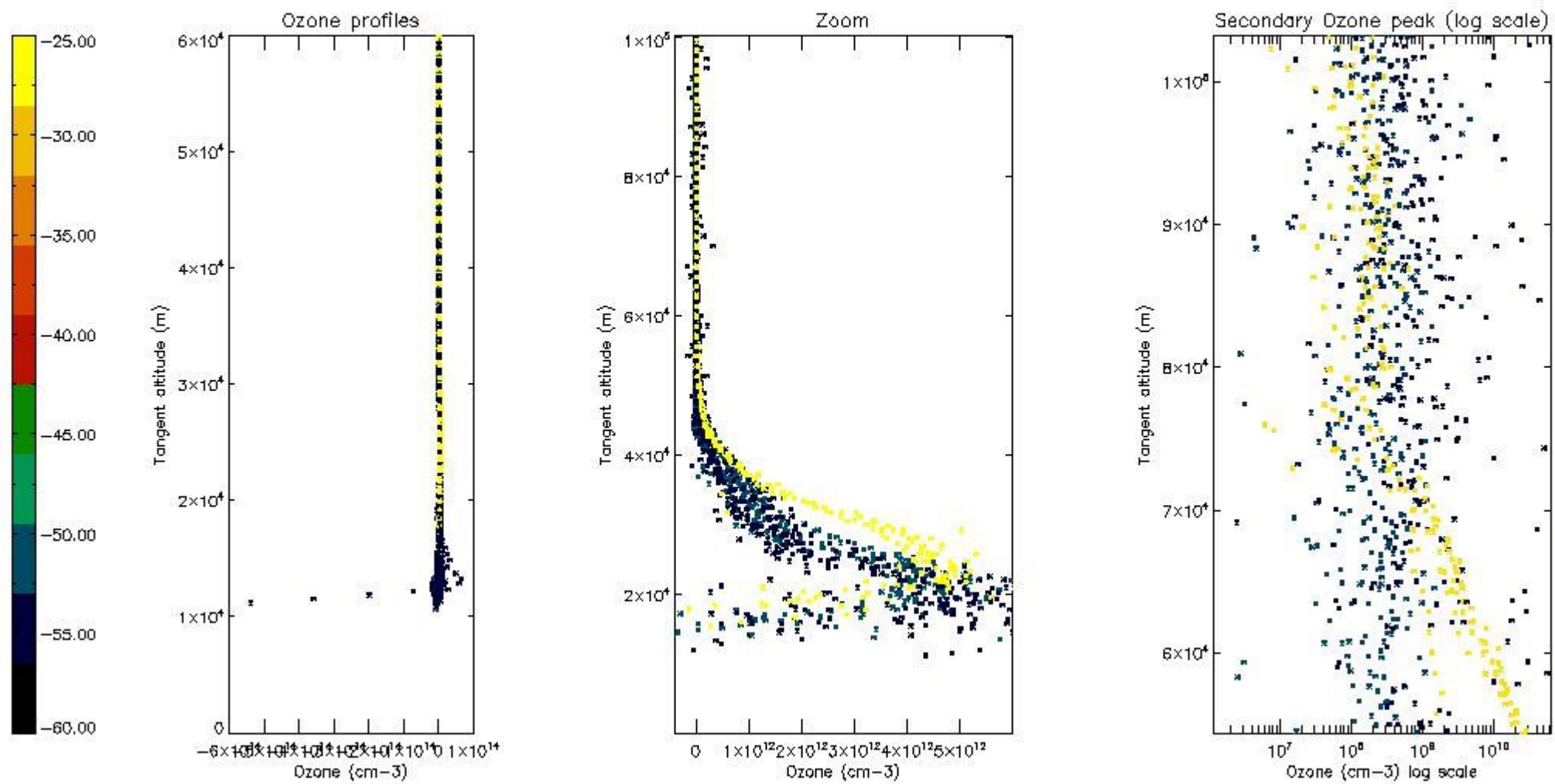
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	14
STD < 20	3

STD < 10	1
STD < 5	0

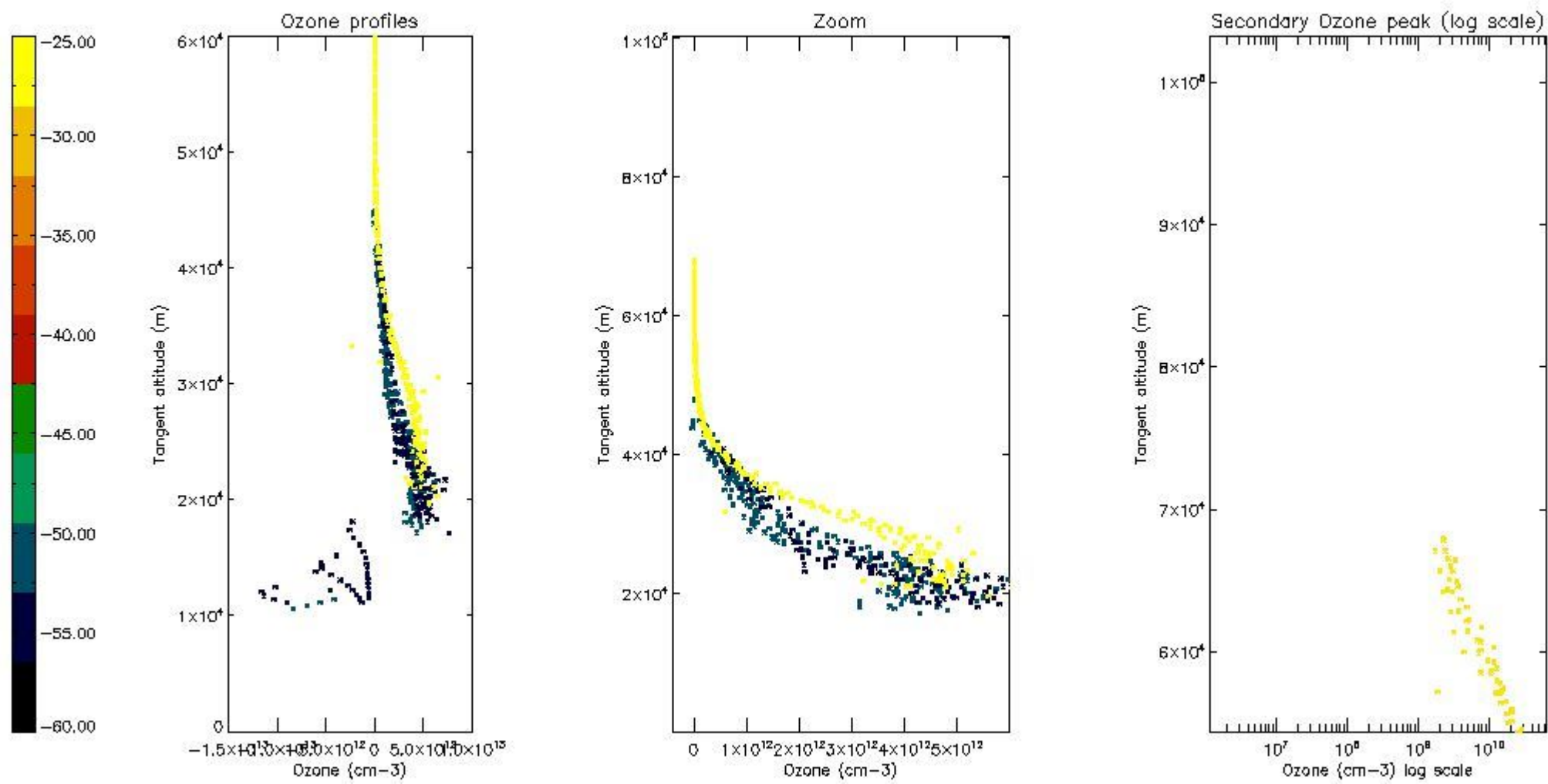
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



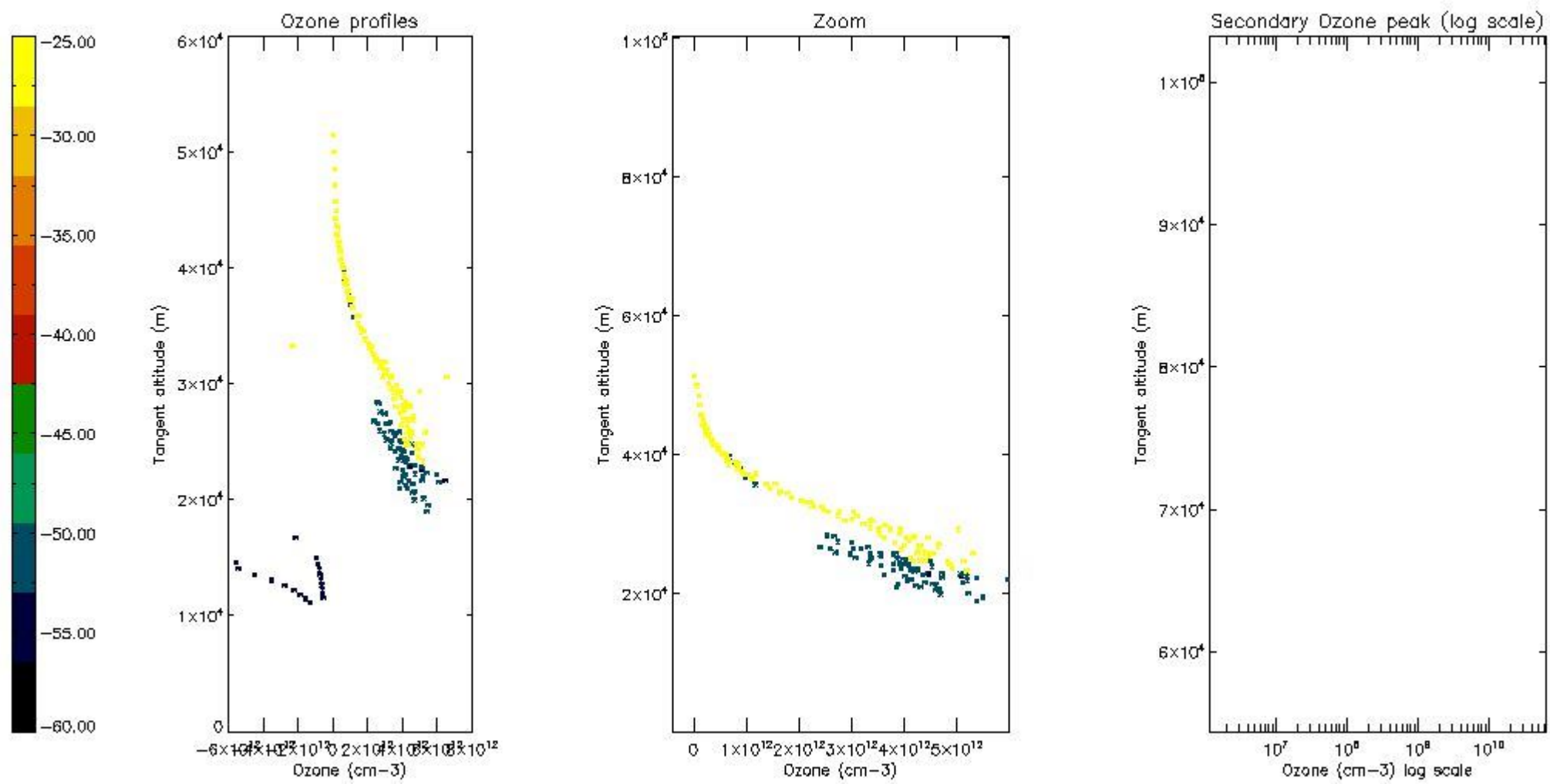
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



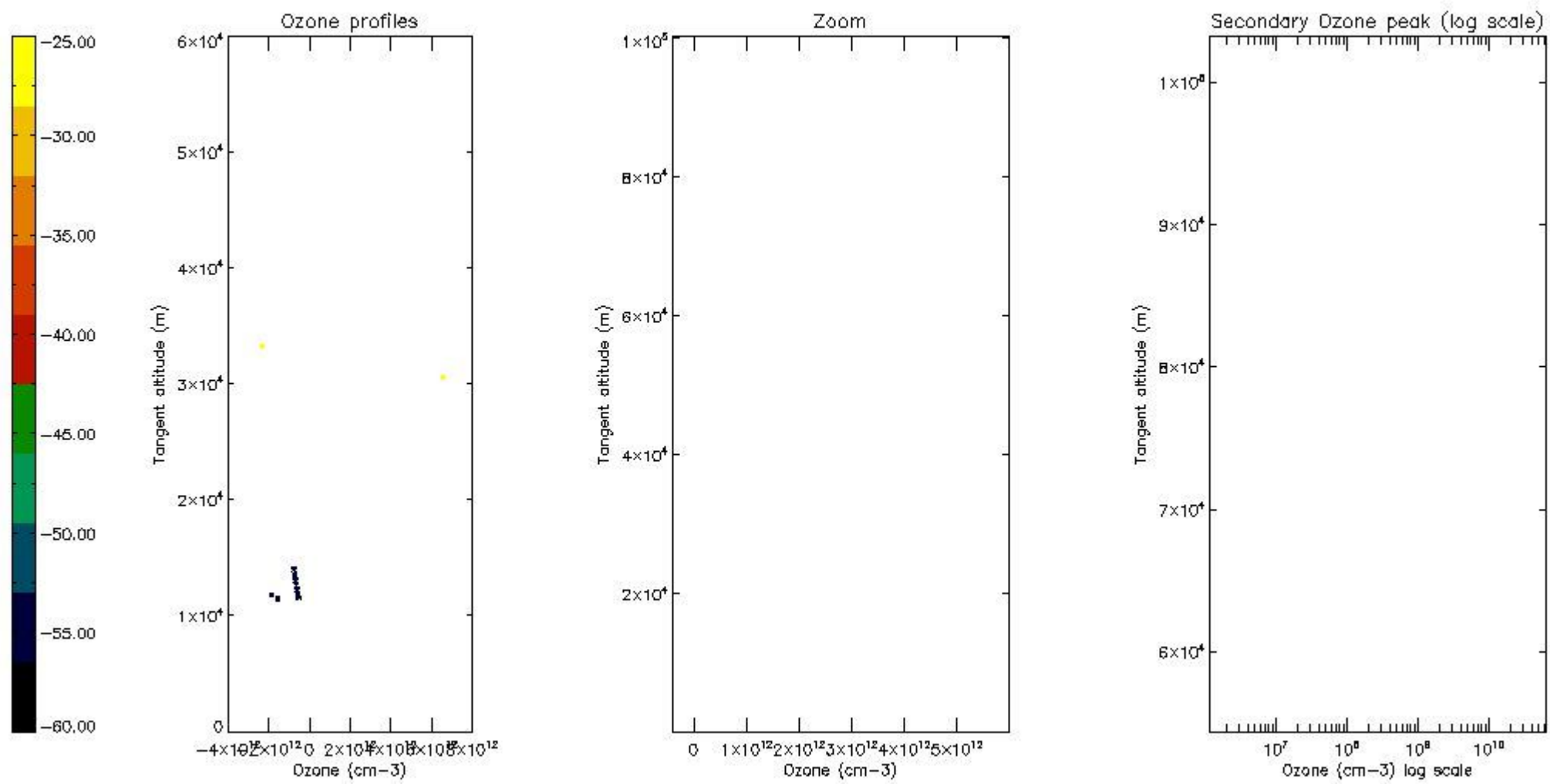
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



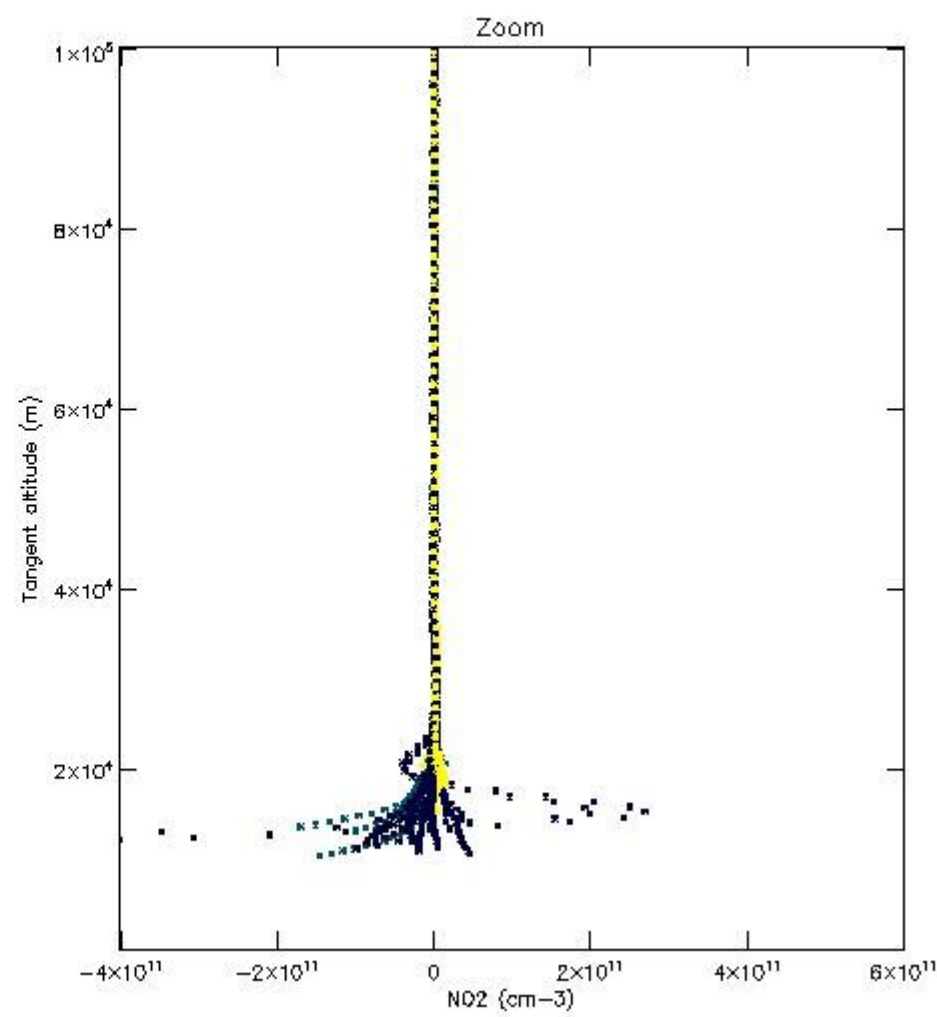
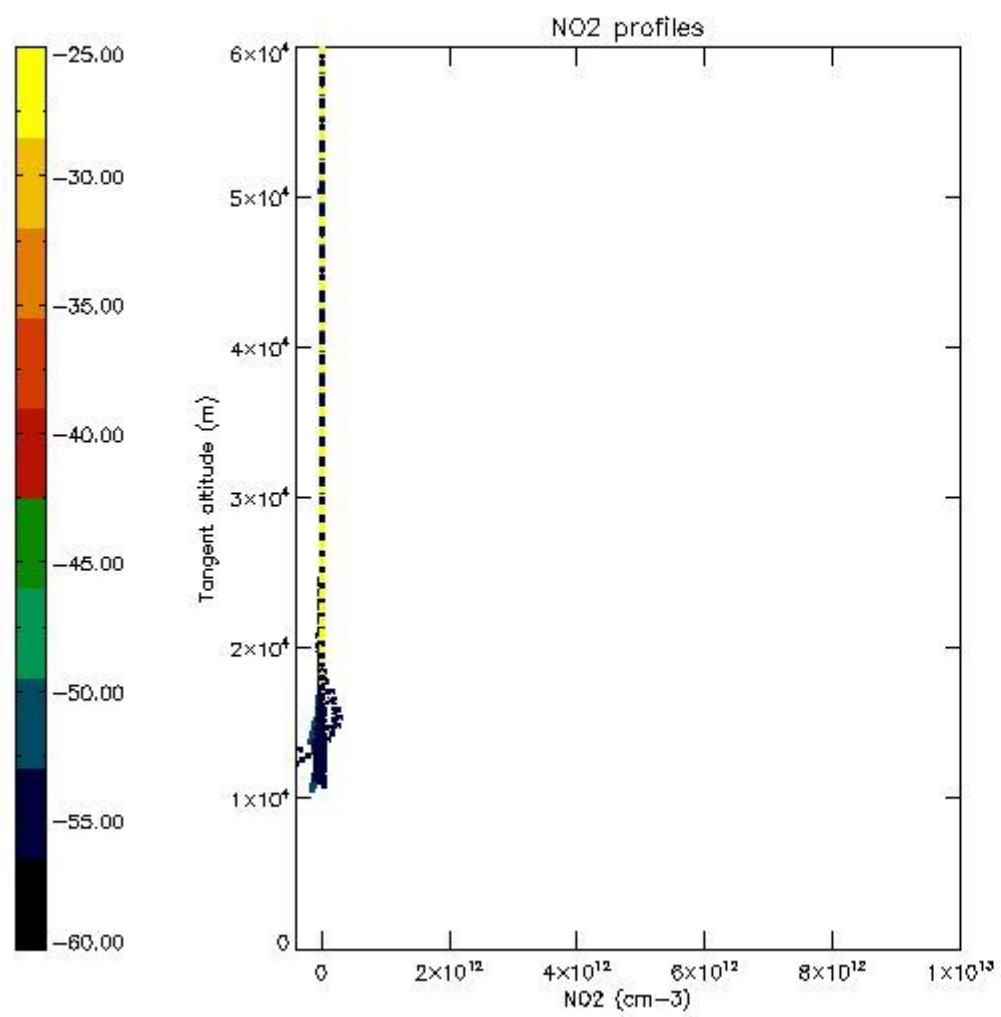
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



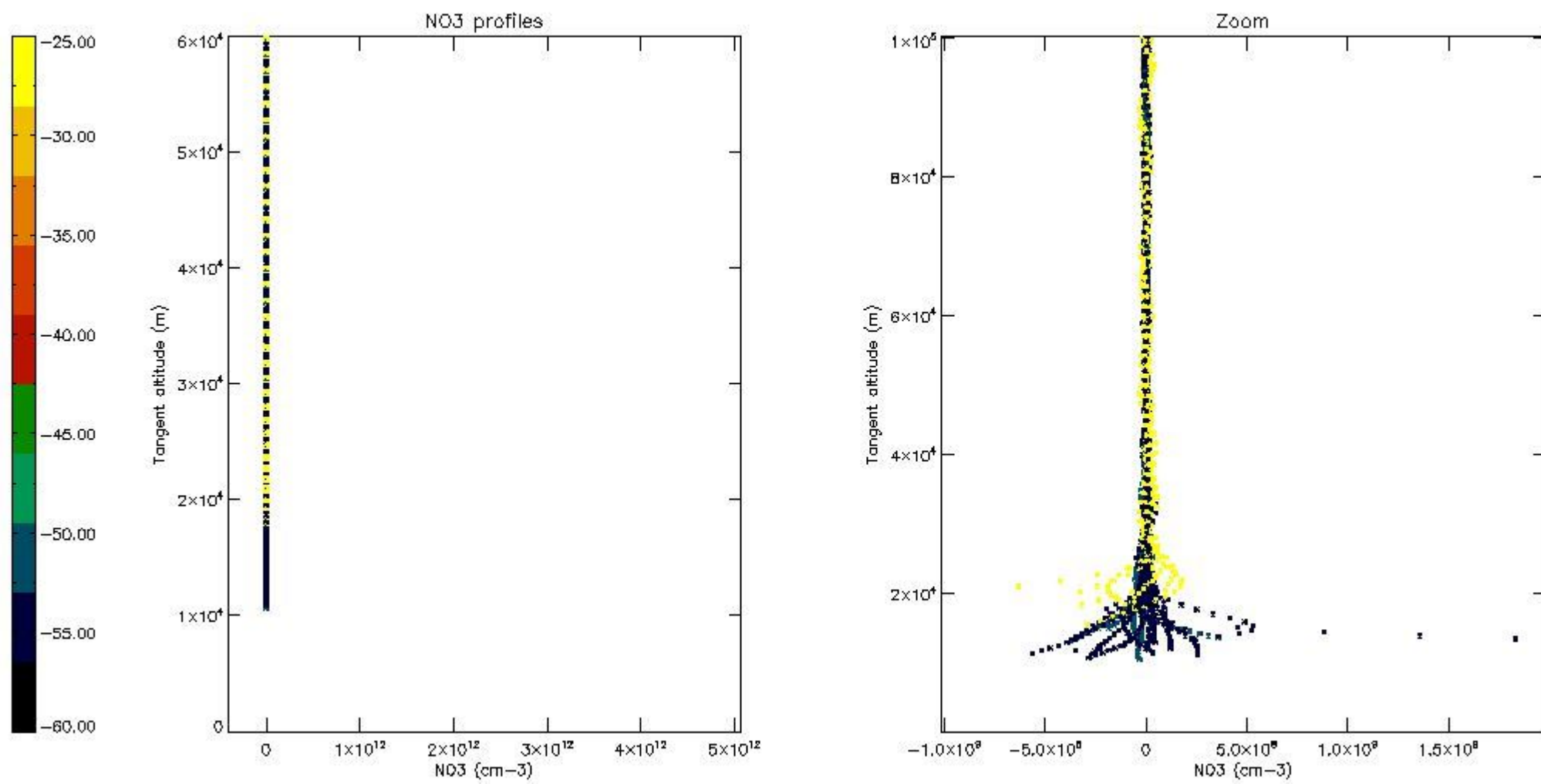
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



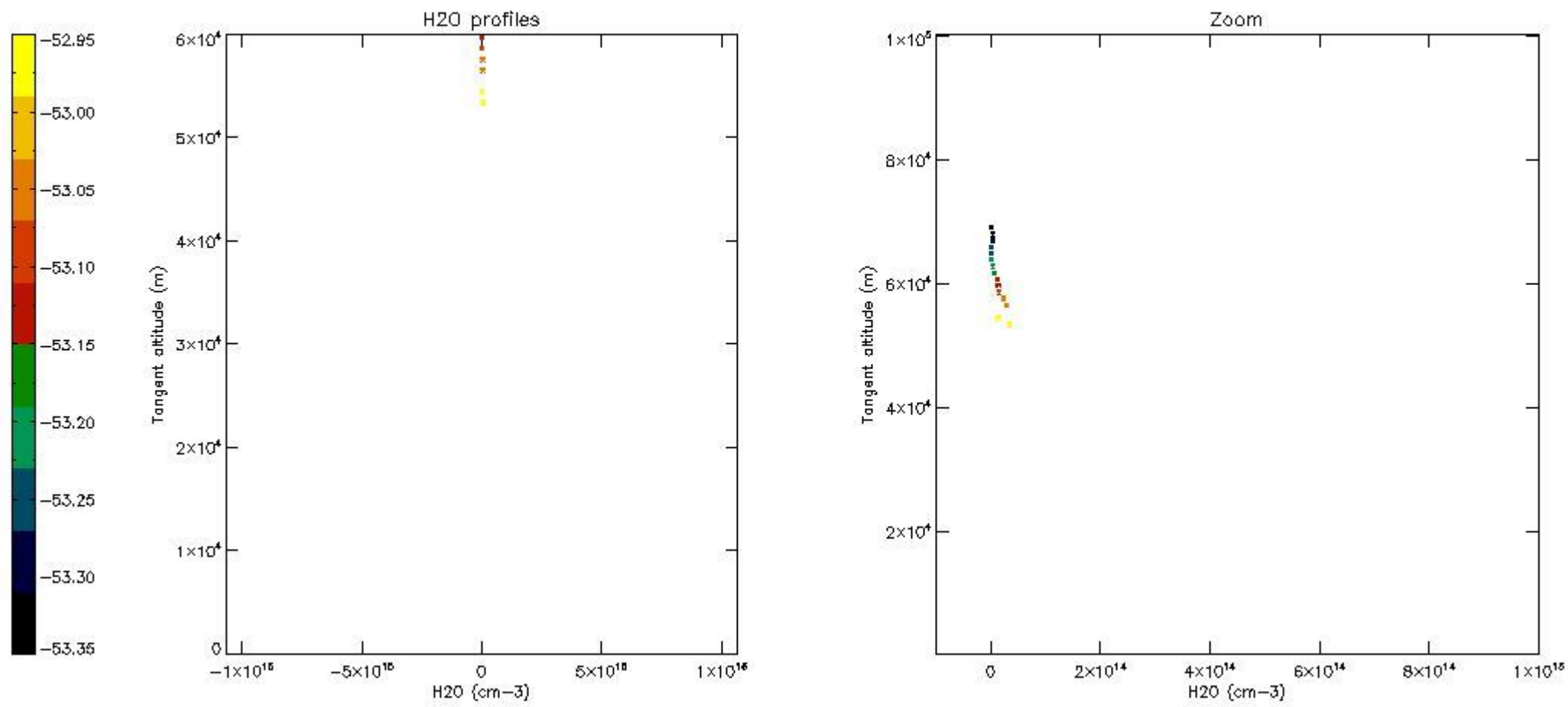
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-JUL-2009 00:01:08
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-JUL-2009 00:01:08
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-JUL-2009 00:01:08

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 11:01:40
Data source version	GOMOS/6.01
Start time of products	22-07-2009 (22JUL2009 00:00:00)
Stop time of products	23-07-2009 (23JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	252
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__2PRFIN20090722_000108_000000442081_00016_38647_2228.N1	22-JUL-2009 00:01:08	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38647	No
2	GOM_NL__2PRFIN20090722_000820_000000512081_00016_38647_2229.N1	22-JUL-2009 00:08:20	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38647	No
3	GOM_NL__2PRFIN20090722_000958_000000702081_00016_38647_2230.N1	22-JUL-2009 00:09:58	Bright	70.000	76	27Gam Cas	2.3000	30000.	140	38647	No
4	GOM_NL__2PRFIN20090722_001530_000000622081_00016_38647_2231.N1	22-JUL-2009 00:15:30	Bright	61.500	160	23Gam Per	2.9300	4700.0	123	38647	No
5	GOM_NL__2PRFIN20090722_001658_000000452081_00016_38647_2232.N1	22-JUL-2009 00:16:58	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	38647	No
6	GOM_NL__2PRFIN20090722_002001_000000532081_00016_38647_2233.N1	22-JUL-2009 00:20:01	Bright	53.000	79	26Bet Per	2.3100	13100.	106	38647	No
7	GOM_NL__2PRFIN20090722_002310_000000462081_00016_38647_2234.N1	22-JUL-2009 00:23:10	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	38647	No
8	GOM_NL__2PRFIN20090722_002555_000000462081_00016_38647_2235.N1	22-JUL-2009 00:25:55	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	38647	No
9	GOM_NL__2PRFIN20090722_003446_000000692081_00016_38647_2236.N1	22-JUL-2009 00:34:46	Dark	69.000	94	92Alp Cet	2.5260	3100.0	138	38647	No
10	GOM_NL__2PRFIN20090722_003723_000000462081_00016_38647_2237.N1	22-JUL-2009 00:37:23	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	38647	No
11	GOM_NL__2PRFIN20090722_005618_000000542081_00017_38648_2258.N1	22-JUL-2009 00:56:18	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38648	No
12	GOM_NL__2PRFIN20090722_010134_000000662081_00017_38648_2259.N1	22-JUL-2009 01:01:34	Straylight	65.500	63	Bet Gru	2.1500	2800.0	131	38648	No
13	GOM_NL__2PRFIN20090722_010301_000000472081_00017_38648_2260.N1	22-JUL-2009 01:03:01	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38648	No
14	GOM_NL__2PRFIN20090722_010614_000000492081_00017_38648_2261.N1	22-JUL-2009 01:06:14	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	38648	No
15	GOM_NL__2PRFIN20090722_012344_000000442081_00017_38648_2262.N1	22-JUL-2009 01:23:44	Bright	44.000	11	53Alp Aql	0.76500	8000.0	88	38648	No
16	GOM_NL__2PRFIN20090722_013442_000000402081_00017_38648_2263.N1	22-JUL-2009 01:34:42	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	38648	No
17	GOM_NL__2PRFIN20090722_013634_000000492081_00017_38648_2264.N1	22-JUL-2009 01:36:34	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	38648	No
18	GOM_NL__2PRFIN20090722_014144_000000402081_00017_38648_2265.N1	22-JUL-2009 01:41:44	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38648	No
19	GOM_NL__2PRFIN20090722_014856_000000502081_00017_38648_2266.N1	22-JUL-2009 01:48:56	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38648	No
20	GOM_NL__2PRFIN20090722_015033_000000472081_00017_38648_2267.N1	22-JUL-2009 01:50:33	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38648	No
21	GOM_NL__2PRFIN20090722_015606_000000452081_00017_38648_2268.N1	22-JUL-2009 01:56:06	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	38648	No
22	GOM_NL__2PRFIN20090722_015733_000000502081_00017_38648_2269.N1	22-JUL-2009 01:57:33	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	38648	No
23	GOM_NL__2PRFIN20090722_020037_000000522081_00017_38648_2270.N1	22-JUL-2009 02:00:37	Bright	52.000	79	26Bet Per	2.3100	13100.	104	38648	No
24	GOM_NL__2PRFIN20090722_020346_000000472081_00017_38648_2271.N1	22-JUL-2009 02:03:46	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	38648	No
25	GOM_NL__2PRFIN20090722_020631_000000502081_00017_38648_2272.N1	22-JUL-2009 02:06:31	Twilight	49.500	146	25Eta Tau	2.8730	15200.	99	38648	No
26	GOM_NL__2PRFIN20090722_021523_000000652081_00017_38648_2273.N1	22-JUL-2009 02:15:23	Dark	65.000	94	92Alp Cet	2.5260	3100.0	130	38648	No
27	GOM_NL__2PRFIN20090722_021759_000000502081_00017_38648_2274.N1	22-JUL-2009 02:17:59	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	38648	No
28	GOM_NL__2PRFIN20090722_023655_000000542081_00018_38649_2272.N1	22-JUL-2009 02:36:55	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38649	No
29	GOM_NL__2PRFIN20090722_024211_000000562081_00018_38649_2273.N1	22-JUL-2009 02:42:11	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	38649	No
30	GOM_NL__2PRFIN20090722_024337_000000472081_00018_38649_2274.N1	22-JUL-2009 02:43:37	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38649	No
31	GOM_NL__2PRFIN20090722_024650_000000492081_00018_38649_2275.N1	22-JUL-2009 02:46:50	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	38649	No
32	GOM_NL__2PRFIN20090722_030420_000000412081_00018_38649_2276.N1	22-JUL-2009 03:04:20	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	38649	No
33	GOM_NL__2PRFIN20090722_031517_000000392081_00018_38649_2277.N1	22-JUL-2009 03:15:17	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	38649	No
34	GOM_NL__2PRFIN20090722_031709_000000462081_00018_38649_2278.N1	22-JUL-2009 03:17:09	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	38649	No
35	GOM_NL__2PRFIN20090722_032219_000000412081_00018_38649_2279.N1	22-JUL-2009 03:22:19	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38649	No
36	GOM_NL__2PRFIN20090722_032931_000000512081_00018_38649_2280.N1	22-JUL-2009 03:29:31	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38649	No
37	GOM_NL__2PRFIN20090722_033108_000000472081_00018_38649_2281.N1	22-JUL-2009 03:31:08	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	38649	No
38	GOM_NL__2PRFIN20090722_033642_000000432081_00018_38649_2282.N1	22-JUL-2009 03:36:42	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	38649	No
39	GOM_NL__2PRFIN20090722_033809_000000462081_00018_38649_2283.N1	22-JUL-2009 03:38:09	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	38649	No
40	GOM_NL__2PRFIN20090722_034112_000000522081_00018_38649_2284.N1	22-JUL-2009 03:41:12	Bright	52.000	79	26Bet Per	2.3100	13100.	104	38649	No
41	GOM_NL__2PRFIN20090722_034422_000000472081_00018_38649_2285.N1	22-JUL-2009 03:44:22	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	38649	No
42	GOM_NL__2PRFIN20090722_034707_000000482081_00018_38649_2286.N1	22-JUL-2009 03:47:07	Twilight	48.000	146	25Eta Tau	2.8730	15200.	96	38649	No

43	GOM_NL__2PRFIN20090722_035600_000000652081_00018_38649_2287.N1	22-JUL-2009 03:56:00	Dark	65.000	94	92Alp Cet	2.5260	3100.0	130	38649	No
44	GOM_NL__2PRFIN20090722_035836_000000492081_00018_38649_2288.N1	22-JUL-2009 03:58:36	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	38649	No
45	GOM_NL__2PRFIN20090722_041732_000000562081_00019_38650_2284.N1	22-JUL-2009 04:17:32	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38650	No
46	GOM_NL__2PRFIN20090722_042248_000000532081_00019_38650_2285.N1	22-JUL-2009 04:22:48	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38650	No
47	GOM_NL__2PRFIN20090722_042414_000000482081_00019_38650_2286.N1	22-JUL-2009 04:24:14	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38650	No
48	GOM_NL__2PRFIN20090722_042727_000000492081_00019_38650_2287.N1	22-JUL-2009 04:27:27	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	38650	No
49	GOM_NL__2PRFIN20090722_044456_000000442081_00019_38650_2288.N1	22-JUL-2009 04:44:56	Bright	44.000	11	53Alp Aql	0.76500	8000.0	88	38650	No
50	GOM_NL__2PRFIN20090722_045553_000000402081_00019_38650_2289.N1	22-JUL-2009 04:55:53	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	38650	No
51	GOM_NL__2PRFIN20090722_045744_000000472081_00019_38650_2290.N1	22-JUL-2009 04:57:44	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	38650	No
52	GOM_NL__2PRFIN20090722_050255_000000432081_00019_38650_2291.N1	22-JUL-2009 05:02:55	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38650	No
53	GOM_NL__2PRFIN20090722_051006_000000502081_00019_38650_2292.N1	22-JUL-2009 05:10:06	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38650	No
54	GOM_NL__2PRFIN20090722_051144_000000482081_00019_38650_2293.N1	22-JUL-2009 05:11:44	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38650	No
55	GOM_NL__2PRFIN20090722_051717_000000532081_00019_38650_2294.N1	22-JUL-2009 05:17:17	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	38650	No
56	GOM_NL__2PRFIN20090722_051845_000000462081_00019_38650_2295.N1	22-JUL-2009 05:18:45	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	38650	No
57	GOM_NL__2PRFIN20090722_052148_000000532081_00019_38650_2296.N1	22-JUL-2009 05:21:48	Bright	53.000	79	26Bet Per	2.3100	13100.	106	38650	No
58	GOM_NL__2PRFIN20090722_052458_000000472081_00019_38650_2297.N1	22-JUL-2009 05:24:58	Tw_i_and_stray	46.500	150	44Zet Per	2.8900	28000.	93	38650	No
59	GOM_NL__2PRFIN20090722_052744_000000472081_00019_38650_2298.N1	22-JUL-2009 05:27:44	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	38650	No
60	GOM_NL__2PRFIN20090722_053637_000000652081_00019_38650_2299.N1	22-JUL-2009 05:36:37	Dark	65.000	94	92Alp Cet	2.5260	3100.0	130	38650	No
61	GOM_NL__2PRFIN20090722_053912_000000462081_00019_38650_2300.N1	22-JUL-2009 05:39:12	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	38650	No
62	GOM_NL__2PRFIN20090722_055809_000000602081_00020_38651_2300.N1	22-JUL-2009 05:58:09	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	38651	No
63	GOM_NL__2PRFIN20090722_060325_000000512081_00020_38651_2301.N1	22-JUL-2009 06:03:25	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	38651	No
64	GOM_NL__2PRFIN20090722_060451_000000452081_00020_38651_2302.N1	22-JUL-2009 06:04:51	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38651	No
65	GOM_NL__2PRFIN20090722_060803_000000482081_00020_38651_2303.N1	22-JUL-2009 06:08:03	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	38651	No
66	GOM_NL__2PRFIN20090722_062531_000000442081_00020_38651_2304.N1	22-JUL-2009 06:25:31	Bright	43.500	11	53Alp Aql	0.76500	8000.0	87	38651	No
67	GOM_NL__2PRFIN20090722_063628_000000402081_00020_38651_2305.N1	22-JUL-2009 06:36:28	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	38651	No
68	GOM_NL__2PRFIN20090722_063820_000000472081_00020_38651_2306.N1	22-JUL-2009 06:38:20	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	38651	No
69	GOM_NL__2PRFIN20090722_064330_000000422081_00020_38651_2307.N1	22-JUL-2009 06:43:30	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38651	No
70	GOM_NL__2PRFIN20090722_065041_000000492081_00020_38651_2308.N1	22-JUL-2009 06:50:41	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38651	No
71	GOM_NL__2PRFIN20090722_065219_000000482081_00020_38651_2309.N1	22-JUL-2009 06:52:19	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38651	No
72	GOM_NL__2PRFIN20090722_065753_000000452081_00020_38651_2310.N1	22-JUL-2009 06:57:53	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	38651	No
73	GOM_NL__2PRFIN20090722_065921_000000462081_00020_38651_2311.N1	22-JUL-2009 06:59:21	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	38651	No
74	GOM_NL__2PRFIN20090722_070224_000000512081_00020_38651_2312.N1	22-JUL-2009 07:02:24	Bright	51.000	79	26Bet Per	2.3100	13100.	102	38651	No
75	GOM_NL__2PRFIN20090722_070534_000000452081_00020_38651_2313.N1	22-JUL-2009 07:05:34	Tw_i_and_stray	45.000	150	44Zet Per	2.8900	28000.	90	38651	No
76	GOM_NL__2PRFIN20090722_070820_000000492081_00020_38651_2314.N1	22-JUL-2009 07:08:20	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	38651	No
77	GOM_NL__2PRFIN20090722_071713_000000632081_00020_38651_2315.N1	22-JUL-2009 07:17:13	Dark	63.000	94	92Alp Cet	2.5260	3100.0	126	38651	No
78	GOM_NL__2PRFIN20090722_071949_000000502081_00020_38651_2316.N1	22-JUL-2009 07:19:49	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	38651	No
79	GOM_NL__2PRFIN20090722_073846_000000582081_00021_38652_2314.N1	22-JUL-2009 07:38:46	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	38652	No
80	GOM_NL__2PRFIN20090722_074401_000000592081_00021_38652_2315.N1	22-JUL-2009 07:44:01	Straylight	59.000	63	Bet Gru	2.1500	2800.0	118	38652	No
81	GOM_NL__2PRFIN20090722_074527_000000442081_00021_38652_2316.N1	22-JUL-2009 07:45:27	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	38652	No
82	GOM_NL__2PRFIN20090722_074840_000000482081_00021_38652_2317.N1	22-JUL-2009 07:48:40	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	38652	No
83	GOM_NL__2PRFIN20090722_080607_000000422081_00021_38652_2318.N1	22-JUL-2009 08:06:07	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	38652	No
84	GOM_NL__2PRFIN20090722_081704_000000402081_00021_38652_2319.N1	22-JUL-2009 08:17:04	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	38652	No
85	GOM_NL__2PRFIN20090722_081855_000000462081_00021_38652_2320.N1	22-JUL-2009 08:18:55	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	38652	No
86	GOM_NL__2PRFIN20090722_082406_000000432081_00021_38652_2321.N1	22-JUL-2009 08:24:06	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38652	No
87	GOM_NL__2PRFIN20090722_083116_000000742081_00021_38652_2322.N1	22-JUL-2009 08:31:16	Bright	74.000	74	11Bet Cas	2.2680	6600.0	148	38652	No
88	GOM_NL__2PRFIN20090722_083255_000000702081_00021_38652_2323.N1	22-JUL-2009 08:32:55	Bright	70.000	76	27Gam Cas	2.3000	30000.	140	38652	No
89	GOM_NL__2PRFIN20090722_083829_000000432081_00021_38652_2324.N1	22-JUL-2009 08:38:29	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	38652	No
90	GOM_NL__2PRFIN20090722_083957_000000452081_00021_38652_2325.N1	22-JUL-2009 08:39:57	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	38652	No
91	GOM_NL__2PRFIN20090722_084300_000000482081_00021_38652_2326.N1	22-JUL-2009 08:43:00	Bright	47.500	79	26Bet Per	2.3100	13100.	95	38652	No
92	GOM_NL__2PRFIN20090722_084610_000000472081_00021_38652_2327.N1	22-JUL-2009 08:46:10	Tw_i_and_stray	47.000	150	44Zet Per	2.8900	28000.	94	38652	No
93	GOM_NL__2PRFIN20090722_084856_000000462081_00021_38652_2328.N1	22-JUL-2009 08:48:56	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	38652	No
94	GOM_NL__2PRFIN20090722_085751_000000572081_00021_38652_2329.N1	22-JUL-2009 08:57:51	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	38652	No
95	GOM_NL__2PRFIN20090722_090026_000000502081_00021_38652_2330.N1	22-JUL-2009 09:00:26	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	38652	No
96	GOM_NL__2PRFIN20090722_091923_000000532081_00022_38653_2325.N1	22-JUL-2009 09:19:23	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38653	No
97	GOM_NL__2PRFIN20090722_092438_000000652081_00022_38653_2326.N1	22-JUL-2009 09:24:38	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	38653	No
98	GOM_NL__2PRFIN20090722_092604_000000482081_00022_38653_2327.N1	22-JUL-2009 09:26:04	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38653	No
99	GOM_NL__2PRFIN20090722_092917_000000472081_00022_38653_2328.N1	22-JUL-2009 09:29:17	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38653	No
100	GOM_NL__2PRFIN20090722_094643_000000392081_00022_38653_2329.N1	22-JUL-2009 09:46:43	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	38653	No
101	GOM_NL__2PRFIN20090722_095739_000000402081_00022_38653_2330.N1	22-JUL-2009 09:57:39	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	38653	No

102	GOM_NL__2PRFIN20090722_095930_000000472081_00022_38653_2331.N1	22-JUL-2009 09:59:30	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	38653	No
103	GOM_NL__2PRFIN20090722_100441_000000422081_00022_38653_2332.N1	22-JUL-2009 10:04:41	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	38653	No
104	GOM_NL__2PRFIN20090722_101151_000000492081_00022_38653_2333.N1	22-JUL-2009 10:11:51	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38653	No
105	GOM_NL__2PRFIN20090722_101330_000000472081_00022_38653_2334.N1	22-JUL-2009 10:13:30	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38653	No
106	GOM_NL__2PRFIN20090722_101904_000000432081_00022_38653_2335.N1	22-JUL-2009 10:19:04	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	38653	No
107	GOM_NL__2PRFIN20090722_102032_000000632081_00022_38653_2336.N1	22-JUL-2009 10:20:32	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	38653	No
108	GOM_NL__2PRFIN20090722_102336_000000502081_00022_38653_2337.N1	22-JUL-2009 10:23:36	Bright	49.500	79	26Bet Per	2.3100	13100.	99	38653	No
109	GOM_NL__2PRFIN20090722_102646_000000462081_00022_38653_2338.N1	22-JUL-2009 10:26:46	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	38653	No
110	GOM_NL__2PRFIN20090722_102932_000000492081_00022_38653_2339.N1	22-JUL-2009 10:29:32	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	38653	No
111	GOM_NL__2PRFIN20090722_103827_000000572081_00022_38653_2340.N1	22-JUL-2009 10:38:27	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	38653	No
112	GOM_NL__2PRFIN20090722_104102_000000472081_00022_38653_2341.N1	22-JUL-2009 10:41:02	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	38653	No
113	GOM_NL__2PRFIN20090722_110000_000000552081_00023_38654_2342.N1	22-JUL-2009 11:00:00	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38654	No
114	GOM_NL__2PRFIN20090722_110515_000000532081_00023_38654_2343.N1	22-JUL-2009 11:05:15	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	38654	No
115	GOM_NL__2PRFIN20090722_110640_000000492081_00023_38654_2344.N1	22-JUL-2009 11:06:40	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38654	No
116	GOM_NL__2PRFIN20090722_110953_000000502081_00023_38654_2345.N1	22-JUL-2009 11:09:53	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	38654	No
117	GOM_NL__2PRFIN20090722_112718_000000402081_00023_38654_2346.N1	22-JUL-2009 11:27:18	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	38654	No
118	GOM_NL__2PRFIN20090722_113815_000000392081_00023_38654_2347.N1	22-JUL-2009 11:38:15	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	38654	No
119	GOM_NL__2PRFIN20090722_114005_000000452081_00023_38654_2348.N1	22-JUL-2009 11:40:05	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	38654	No
120	GOM_NL__2PRFIN20090722_114516_000000432081_00023_38654_2349.N1	22-JUL-2009 11:45:16	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38654	No
121	GOM_NL__2PRFIN20090722_115227_000000532081_00023_38654_2350.N1	22-JUL-2009 11:52:27	Bright	53.000	74	11Bet Cas	2.2680	6600.0	106	38654	No
122	GOM_NL__2PRFIN20090722_115405_000000472081_00023_38654_2351.N1	22-JUL-2009 11:54:05	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38654	No
123	GOM_NL__2PRFIN20090722_115940_000000642081_00023_38654_2352.N1	22-JUL-2009 11:59:40	Bright	64.000	160	23Gam Per	2.9300	4700.0	128	38654	No
124	GOM_NL__2PRFIN20090722_120108_000000452081_00023_38654_2353.N1	22-JUL-2009 12:01:08	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	38654	No
125	GOM_NL__2PRFIN20090722_120412_000000522081_00023_38654_2354.N1	22-JUL-2009 12:04:12	Bright	51.500	79	26Bet Per	2.3100	13100.	103	38654	No
126	GOM_NL__2PRFIN20090722_120722_000000462081_00023_38654_2355.N1	22-JUL-2009 12:07:22	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	38654	No
127	GOM_NL__2PRFIN20090722_121008_000000482081_00023_38654_2356.N1	22-JUL-2009 12:10:08	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	38654	No
128	GOM_NL__2PRFIN20090722_121904_000000492081_00023_38654_2357.N1	22-JUL-2009 12:19:04	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	38654	No
129	GOM_NL__2PRFIN20090722_122139_000000512081_00023_38654_2358.N1	22-JUL-2009 12:21:39	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	38654	No
130	GOM_NL__2PRFIN20090722_123052_000000432081_00023_38654_2359.N1	22-JUL-2009 12:30:52	Dark	43.000	157	The1Eri	2.9060	9300.0	86	38654	No
131	GOM_NL__2PRFIN20090722_124037_000000532081_00024_38655_2356.N1	22-JUL-2009 12:40:37	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	38655	No
132	GOM_NL__2PRFIN20090722_124551_000000522081_00024_38655_2357.N1	22-JUL-2009 12:45:51	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	38655	No
133	GOM_NL__2PRFIN20090722_124717_000000472081_00024_38655_2358.N1	22-JUL-2009 12:47:17	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38655	No
134	GOM_NL__2PRFIN20090722_125029_000000502081_00024_38655_2359.N1	22-JUL-2009 12:50:29	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	38655	No
135	GOM_NL__2PRFIN20090722_130754_000000452081_00024_38655_2360.N1	22-JUL-2009 13:07:54	Bright	45.000	11	53Alp Aql	0.76500	8000.0	90	38655	No
136	GOM_NL__2PRFIN20090722_131850_000000392081_00024_38655_2361.N1	22-JUL-2009 13:18:50	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	38655	No
137	GOM_NL__2PRFIN20090722_132041_000000672081_00024_38655_2362.N1	22-JUL-2009 13:20:41	Bright	67.000	19	50Alp Cyg	1.2460	10500.	134	38655	No
138	GOM_NL__2PRFIN20090722_133302_000000512081_00024_38655_2363.N1	22-JUL-2009 13:33:02	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38655	No
139	GOM_NL__2PRFIN20090722_133440_000000702081_00024_38655_2364.N1	22-JUL-2009 13:34:40	Bright	70.000	76	27Gam Cas	2.3000	30000.	140	38655	No
140	GOM_NL__2PRFIN20090722_134016_000000442081_00024_38655_2365.N1	22-JUL-2009 13:40:16	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	38655	No
141	GOM_NL__2PRFIN20090722_134144_000000462081_00024_38655_2366.N1	22-JUL-2009 13:41:44	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	38655	No
142	GOM_NL__2PRFIN20090722_134448_000000522081_00024_38655_2367.N1	22-JUL-2009 13:44:48	Bright	51.500	79	26Bet Per	2.3100	13100.	103	38655	No
143	GOM_NL__2PRFIN20090722_134758_000000482081_00024_38655_2368.N1	22-JUL-2009 13:47:58	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	38655	No
144	GOM_NL__2PRFIN20090722_135045_000000492081_00024_38655_2369.N1	22-JUL-2009 13:50:45	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	38655	No
145	GOM_NL__2PRFIN20090722_135941_000000492081_00024_38655_2370.N1	22-JUL-2009 13:59:41	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	38655	No
146	GOM_NL__2PRFIN20090722_140215_000000492081_00024_38655_2371.N1	22-JUL-2009 14:02:15	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	38655	No
147	GOM_NL__2PRFIN20090722_141129_000000422081_00024_38655_2372.N1	22-JUL-2009 14:11:29	Dark	41.500	157	The1Eri	2.9060	9300.0	83	38655	No
148	GOM_NL__2PRFIN20090722_142114_000000532081_00025_38656_2379.N1	22-JUL-2009 14:21:14	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38656	No
149	GOM_NL__2PRFIN20090722_142628_000000492081_00025_38656_2380.N1	22-JUL-2009 14:26:28	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	38656	No
150	GOM_NL__2PRFIN20090722_142753_000000452081_00025_38656_2381.N1	22-JUL-2009 14:27:53	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38656	No
151	GOM_NL__2PRFIN20090722_143106_000000482081_00025_38656_2382.N1	22-JUL-2009 14:31:06	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	38656	No
152	GOM_NL__2PRFIN20090722_144830_000000412081_00025_38656_2383.N1	22-JUL-2009 14:48:30	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	38656	No
153	GOM_NL__2PRFIN20090722_145926_000000372081_00025_38656_2384.N1	22-JUL-2009 14:59:26	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	38656	No
154	GOM_NL__2PRFIN20090722_150116_000000472081_00025_38656_2385.N1	22-JUL-2009 15:01:16	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	38656	No
155	GOM_NL__2PRFIN20090722_150627_000000422081_00025_38656_2386.N1	22-JUL-2009 15:06:27	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38656	No
156	GOM_NL__2PRFIN20090722_151337_000000502081_00025_38656_2387.N1	22-JUL-2009 15:13:37	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38656	No
157	GOM_NL__2PRFIN20090722_151623_000000432081_00025_38656_2388.N1	22-JUL-2009 15:16:23	Bright	42.500	110	37Del Cas	2.6780	8900.0	85	38656	No
158	GOM_NL__2PRFIN20090722_152051_000000442081_00025_38656_2389.N1	22-JUL-2009 15:20:51	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	38656	No
159	GOM_NL__2PRFIN20090722_152219_000000462081_00025_38656_2390.N1	22-JUL-2009 15:22:19	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	38656	No
160	GOM_NL__2PRFIN20090722_152523_000000522081_00025_38656_2391.N1	22-JUL-2009 15:25:23	Bright	51.500	79	26Bet Per	2.3100	13100.	103	38656	No

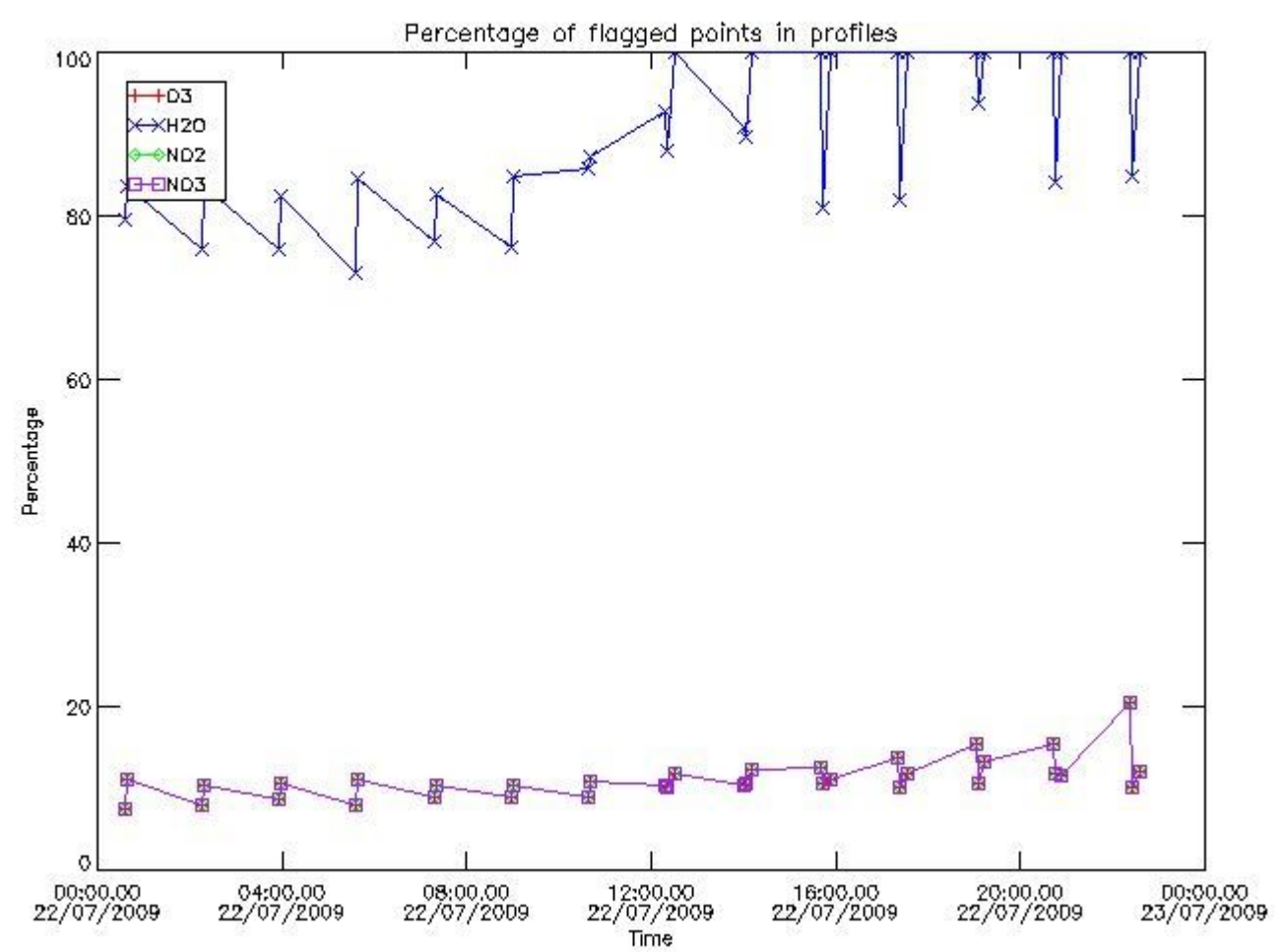
161	GOM_NL__2PRFIN20090722_152834_000000462081_00025_38656_2392.N1	22-JUL-2009 15:28:34	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	38656	No
162	GOM_NL__2PRFIN20090722_153121_000000492081_00025_38656_2393.N1	22-JUL-2009 15:31:21	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	38656	No
163	GOM_NL__2PRFIN20090722_154018_000000412081_00025_38656_2394.N1	22-JUL-2009 15:40:18	Dark	41.000	94	92Alp Cet	2.5260	3100.0	82	38656	No
164	GOM_NL__2PRFIN20090722_154252_000000482081_00025_38656_2395.N1	22-JUL-2009 15:42:52	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	38656	No
165	GOM_NL__2PRFIN20090722_155205_000000462081_00025_38656_2396.N1	22-JUL-2009 15:52:05	Dark	46.000	157	The1Eri	2.9060	9300.0	92	38656	No
166	GOM_NL__2PRFIN20090722_160151_000000552081_00026_38657_2400.N1	22-JUL-2009 16:01:51	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38657	No
167	GOM_NL__2PRFIN20090722_160704_000000482081_00026_38657_2401.N1	22-JUL-2009 16:07:04	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	38657	No
168	GOM_NL__2PRFIN20090722_160829_000000472081_00026_38657_2402.N1	22-JUL-2009 16:08:29	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38657	No
169	GOM_NL__2PRFIN20090722_161142_000000482081_00026_38657_2403.N1	22-JUL-2009 16:11:42	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38657	No
170	GOM_NL__2PRFIN20090722_162905_000000612081_00026_38657_2404.N1	22-JUL-2009 16:29:05	Bright	61.000	11	53Alp Aql	0.76500	8000.0	122	38657	No
171	GOM_NL__2PRFIN20090722_164001_000000402081_00026_38657_2405.N1	22-JUL-2009 16:40:01	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	38657	No
172	GOM_NL__2PRFIN20090722_164151_000000462081_00026_38657_2406.N1	22-JUL-2009 16:41:51	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	38657	No
173	GOM_NL__2PRFIN20090722_164702_000000432081_00026_38657_2407.N1	22-JUL-2009 16:47:02	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38657	No
174	GOM_NL__2PRFIN20090722_165412_000000502081_00026_38657_2408.N1	22-JUL-2009 16:54:12	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38657	No
175	GOM_NL__2PRFIN20090722_165658_000000472081_00026_38657_2409.N1	22-JUL-2009 16:56:58	Bright	46.500	110	37Del Cas	2.6780	8900.0	93	38657	No
176	GOM_NL__2PRFIN20090722_170127_000000642081_00026_38657_2410.N1	22-JUL-2009 17:01:27	Bright	64.000	160	23Gam Per	2.9300	4700.0	128	38657	No
177	GOM_NL__2PRFIN20090722_170255_000000632081_00026_38657_2411.N1	22-JUL-2009 17:02:55	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	38657	No
178	GOM_NL__2PRFIN20090722_170559_000000502081_00026_38657_2412.N1	22-JUL-2009 17:05:59	Bright	50.000	79	26Bet Per	2.3100	13100.	100	38657	No
179	GOM_NL__2PRFIN20090722_170910_000000472081_00026_38657_2413.N1	22-JUL-2009 17:09:10	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	38657	No
180	GOM_NL__2PRFIN20090722_171157_000000512081_00026_38657_2414.N1	22-JUL-2009 17:11:57	Twilight	50.500	146	25Eta Tau	2.8730	15200.	101	38657	No
181	GOM_NL__2PRFIN20090722_172055_000000412081_00026_38657_2415.N1	22-JUL-2009 17:20:55	Dark	41.000	94	92Alp Cet	2.5260	3100.0	82	38657	No
182	GOM_NL__2PRFIN20090722_172328_000000512081_00026_38657_2416.N1	22-JUL-2009 17:23:28	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	38657	No
183	GOM_NL__2PRFIN20090722_173242_000000442081_00026_38657_2417.N1	22-JUL-2009 17:32:42	Dark	43.500	157	The1Eri	2.9060	9300.0	87	38657	No
184	GOM_NL__2PRFIN20090722_174228_000000522081_00027_38658_2424.N1	22-JUL-2009 17:42:28	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	38658	No
185	GOM_NL__2PRFIN20090722_174741_000000482081_00027_38658_2425.N1	22-JUL-2009 17:47:41	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	38658	No
186	GOM_NL__2PRFIN20090722_174906_000000472081_00027_38658_2426.N1	22-JUL-2009 17:49:06	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38658	No
187	GOM_NL__2PRFIN20090722_175219_000000502081_00027_38658_2427.N1	22-JUL-2009 17:52:19	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	38658	No
188	GOM_NL__2PRFIN20090722_180941_000000422081_00027_38658_2428.N1	22-JUL-2009 18:09:41	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	38658	No
189	GOM_NL__2PRFIN20090722_182037_000000392081_00027_38658_2429.N1	22-JUL-2009 18:20:37	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	38658	No
190	GOM_NL__2PRFIN20090722_182226_000000462081_00027_38658_2430.N1	22-JUL-2009 18:22:26	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	38658	No
191	GOM_NL__2PRFIN20090722_182738_000000432081_00027_38658_2431.N1	22-JUL-2009 18:27:38	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38658	No
192	GOM_NL__2PRFIN20090722_183447_000000502081_00027_38658_2432.N1	22-JUL-2009 18:34:47	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38658	No
193	GOM_NL__2PRFIN20090722_183733_000000522081_00027_38658_2433.N1	22-JUL-2009 18:37:33	Bright	51.500	110	37Del Cas	2.6780	8900.0	103	38658	No
194	GOM_NL__2PRFIN20090722_184203_000000472081_00027_38658_2434.N1	22-JUL-2009 18:42:03	Bright	46.500	160	23Gam Per	2.9300	4700.0	93	38658	No
195	GOM_NL__2PRFIN20090722_184331_000000442081_00027_38658_2435.N1	22-JUL-2009 18:43:31	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	38658	No
196	GOM_NL__2PRFIN20090722_184635_000000512081_00027_38658_2436.N1	22-JUL-2009 18:46:35	Bright	51.000	79	26Bet Per	2.3100	13100.	102	38658	No
197	GOM_NL__2PRFIN20090722_184947_000000482081_00027_38658_2437.N1	22-JUL-2009 18:49:47	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	38658	No
198	GOM_NL__2PRFIN20090722_185233_000000492081_00027_38658_2438.N1	22-JUL-2009 18:52:33	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	38658	No
199	GOM_NL__2PRFIN20090722_190132_000000332081_00027_38658_2439.N1	22-JUL-2009 19:01:32	Dark	33.000	94	92Alp Cet	2.5260	3100.0	66	38658	No
200	GOM_NL__2PRFIN20090722_190405_000000492081_00027_38658_2440.N1	22-JUL-2009 19:04:05	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	38658	No
201	GOM_NL__2PRFIN20090722_191319_000000422081_00027_38658_2441.N1	22-JUL-2009 19:13:19	Dark	42.000	157	The1Eri	2.9060	9300.0	84	38658	No
202	GOM_NL__2PRFIN20090722_192306_000000532081_00028_38659_2438.N1	22-JUL-2009 19:23:06	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38659	No
203	GOM_NL__2PRFIN20090722_192818_000000552081_00028_38659_2439.N1	22-JUL-2009 19:28:18	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	38659	No
204	GOM_NL__2PRFIN20090722_192943_000000442081_00028_38659_2440.N1	22-JUL-2009 19:29:43	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	38659	No
205	GOM_NL__2PRFIN20090722_193256_000000502081_00028_38659_2441.N1	22-JUL-2009 19:32:56	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	38659	No
206	GOM_NL__2PRFIN20090722_195017_000000432081_00028_38659_2442.N1	22-JUL-2009 19:50:17	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	38659	No
207	GOM_NL__2PRFIN20090722_200112_000000392081_00028_38659_2443.N1	22-JUL-2009 20:01:12	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	38659	No
208	GOM_NL__2PRFIN20090722_200301_000000472081_00028_38659_2444.N1	22-JUL-2009 20:03:01	Bright	47.000	19	50Alp Cyg	1.2460	10500.	94	38659	No
209	GOM_NL__2PRFIN20090722_200813_000000422081_00028_38659_2445.N1	22-JUL-2009 20:08:13	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38659	No
210	GOM_NL__2PRFIN20090722_201522_000000502081_00028_38659_2446.N1	22-JUL-2009 20:15:22	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38659	No
211	GOM_NL__2PRFIN20090722_201809_000000432081_00028_38659_2447.N1	22-JUL-2009 20:18:09	Bright	43.000	110	37Del Cas	2.6780	8900.0	86	38659	No
212	GOM_NL__2PRFIN20090722_202239_000000432081_00028_38659_2448.N1	22-JUL-2009 20:22:39	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	38659	No
213	GOM_NL__2PRFIN20090722_202407_000000622081_00028_38659_2449.N1	22-JUL-2009 20:24:07	Bright	62.000	35	33Alp Per	1.7950	6250.0	124	38659	No
214	GOM_NL__2PRFIN20090722_202711_000000502081_00028_38659_2450.N1	22-JUL-2009 20:27:11	Bright	49.500	79	26Bet Per	2.3100	13100.	99	38659	No
215	GOM_NL__2PRFIN20090722_203022_000000462081_00028_38659_2451.N1	22-JUL-2009 20:30:22	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	38659	No
216	GOM_NL__2PRFIN20090722_203310_000000452081_00028_38659_2452.N1	22-JUL-2009 20:33:10	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	38659	No
217	GOM_NL__2PRFIN20090722_204209_000000332081_00028_38659_2453.N1	22-JUL-2009 20:42:09	Dark	33.000	94	92Alp Cet	2.5260	3100.0	66	38659	No
218	GOM_NL__2PRFIN20090722_204441_000000482081_00028_38659_2454.N1	22-JUL-2009 20:44:41	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	38659	No
219	GOM_NL__2PRFIN20090722_205356_000000442081_00028_38659_2455.N1	22-JUL-2009 20:53:56	Dark	44.000	157	The1Eri	2.9060	9300.0	88	38659	No

220	GOM_NL__2PRFIN20090722_210343_000000552081_00029_38660_2454.N1	22-JUL-2009 21:03:43	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38660	No
221	GOM_NL__2PRFIN20090722_210854_000000502081_00029_38660_2455.N1	22-JUL-2009 21:08:54	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	38660	No
222	GOM_NL__2PRFIN20090722_211019_000000522081_00029_38660_2456.N1	22-JUL-2009 21:10:19	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	38660	No
223	GOM_NL__2PRFIN20090722_211332_000000492081_00029_38660_2457.N1	22-JUL-2009 21:13:32	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	38660	No
224	GOM_NL__2PRFIN20090722_213052_000000432081_00029_38660_2458.N1	22-JUL-2009 21:30:52	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	38660	No
225	GOM_NL__2PRFIN20090722_214148_000000392081_00029_38660_2459.N1	22-JUL-2009 21:41:48	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	38660	No
226	GOM_NL__2PRFIN20090722_214337_000000462081_00029_38660_2460.N1	22-JUL-2009 21:43:37	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	38660	No
227	GOM_NL__2PRFIN20090722_214849_000000442081_00029_38660_2461.N1	22-JUL-2009 21:48:49	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38660	No
228	GOM_NL__2PRFIN20090722_215557_000000512081_00029_38660_2462.N1	22-JUL-2009 21:55:57	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38660	No
229	GOM_NL__2PRFIN20090722_215844_000000692081_00029_38660_2463.N1	22-JUL-2009 21:58:44	Bright	69.000	110	37Del Cas	2.6780	8900.0	138	38660	No
230	GOM_NL__2PRFIN20090722_220314_000000432081_00029_38660_2464.N1	22-JUL-2009 22:03:14	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	38660	No
231	GOM_NL__2PRFIN20090722_220442_000000472081_00029_38660_2465.N1	22-JUL-2009 22:04:42	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	38660	No
232	GOM_NL__2PRFIN20090722_220747_000000532081_00029_38660_2466.N1	22-JUL-2009 22:07:47	Bright	53.000	79	26Bet Per	2.3100	13100.	106	38660	No
233	GOM_NL__2PRFIN20090722_221059_000000482081_00029_38660_2467.N1	22-JUL-2009 22:10:59	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	38660	No
234	GOM_NL__2PRFIN20090722_221346_000000472081_00029_38660_2468.N1	22-JUL-2009 22:13:46	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	38660	No
235	GOM_NL__2PRFIN20090722_222246_000000252081_00029_38660_2469.N1	22-JUL-2009 22:22:46	Dark	24.500	94	92Alp Cet	2.5260	3100.0	49	38660	No
236	GOM_NL__2PRFIN20090722_222518_000000502081_00029_38660_2470.N1	22-JUL-2009 22:25:18	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	38660	No
237	GOM_NL__2PRFIN20090722_223432_000000422081_00029_38660_2471.N1	22-JUL-2009 22:34:32	Dark	42.000	157	The1Eri	2.9060	9300.0	84	38660	No
238	GOM_NL__2PRFIN20090722_224419_000000552081_00030_38661_2468.N1	22-JUL-2009 22:44:19	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38661	No
239	GOM_NL__2PRFIN20090722_224931_000000632081_00030_38661_2469.N1	22-JUL-2009 22:49:31	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	38661	No
240	GOM_NL__2PRFIN20090722_225056_000000472081_00030_38661_2470.N1	22-JUL-2009 22:50:56	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38661	No
241	GOM_NL__2PRFIN20090722_225409_000000482081_00030_38661_2471.N1	22-JUL-2009 22:54:09	Straylight	48.000	172	Gam Gru	3.0030	13100.	96	38661	No
242	GOM_NL__2PRFIN20090722_231128_000000432081_00030_38661_2472.N1	22-JUL-2009 23:11:28	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	38661	No
243	GOM_NL__2PRFIN20090722_232223_000000402081_00030_38661_2473.N1	22-JUL-2009 23:22:23	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	38661	No
244	GOM_NL__2PRFIN20090722_232412_000000672081_00030_38661_2474.N1	22-JUL-2009 23:24:12	Bright	67.000	19	50Alp Cyg	1.2460	10500.	134	38661	No
245	GOM_NL__2PRFIN20090722_232924_000000432081_00030_38661_2475.N1	22-JUL-2009 23:29:24	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38661	No
246	GOM_NL__2PRFIN20090722_233632_000000512081_00030_38661_2476.N1	22-JUL-2009 23:36:32	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38661	No
247	GOM_NL__2PRFIN20090722_233919_000000452081_00030_38661_2477.N1	22-JUL-2009 23:39:19	Bright	44.500	110	37Del Cas	2.6780	8900.0	89	38661	No
248	GOM_NL__2PRFIN20090722_234350_000000572081_00030_38661_2478.N1	22-JUL-2009 23:43:50	Bright	56.500	160	23Gam Per	2.9300	4700.0	113	38661	No
249	GOM_NL__2PRFIN20090722_234518_000000512081_00030_38661_2479.N1	22-JUL-2009 23:45:18	Bright	50.500	35	33Alp Per	1.7950	6250.0	101	38661	No
250	GOM_NL__2PRFIN20090722_234822_000000512081_00030_38661_2480.N1	22-JUL-2009 23:48:22	Bright	50.500	79	26Bet Per	2.3100	13100.	101	38661	No
251	GOM_NL__2PRFIN20090722_235135_000000492081_00030_38661_2481.N1	22-JUL-2009 23:51:35	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	38661	No
252	GOM_NL__2PRFIN20090722_235422_000000482081_00030_38661_2482.N1	22-JUL-2009 23:54:22	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	38661	No

3. Quality information per product

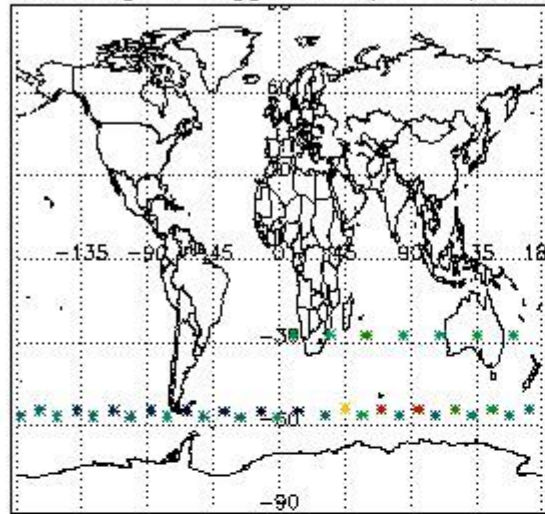
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

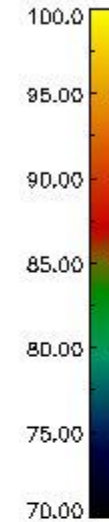
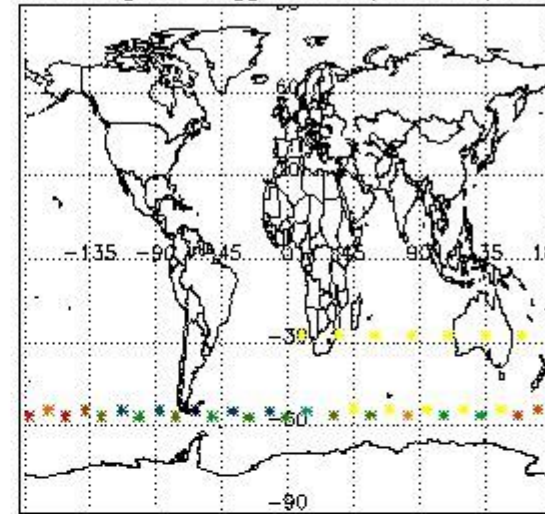


3.2 Plot quality information per product (world map)

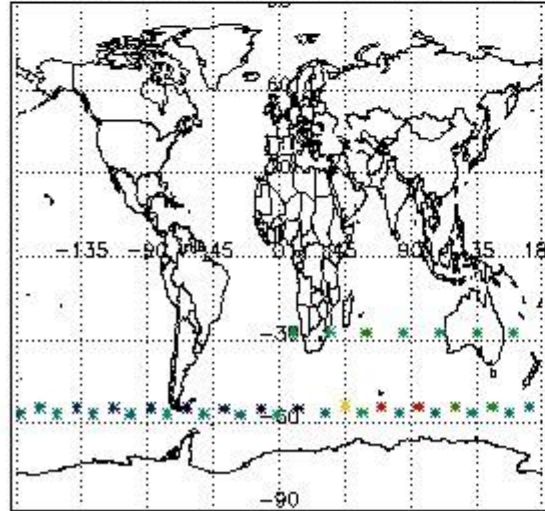
Percentage of flagged data per O3 profile



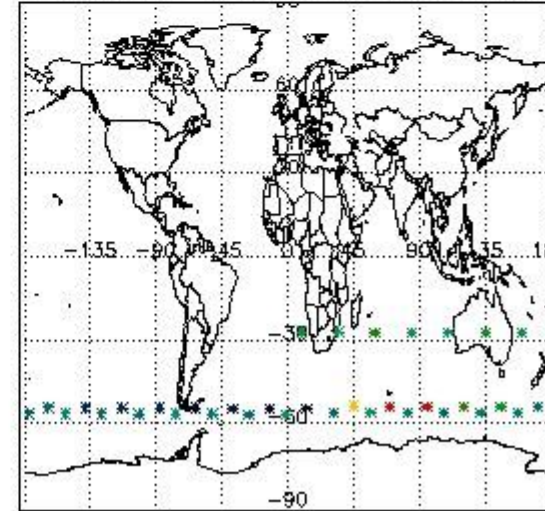
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

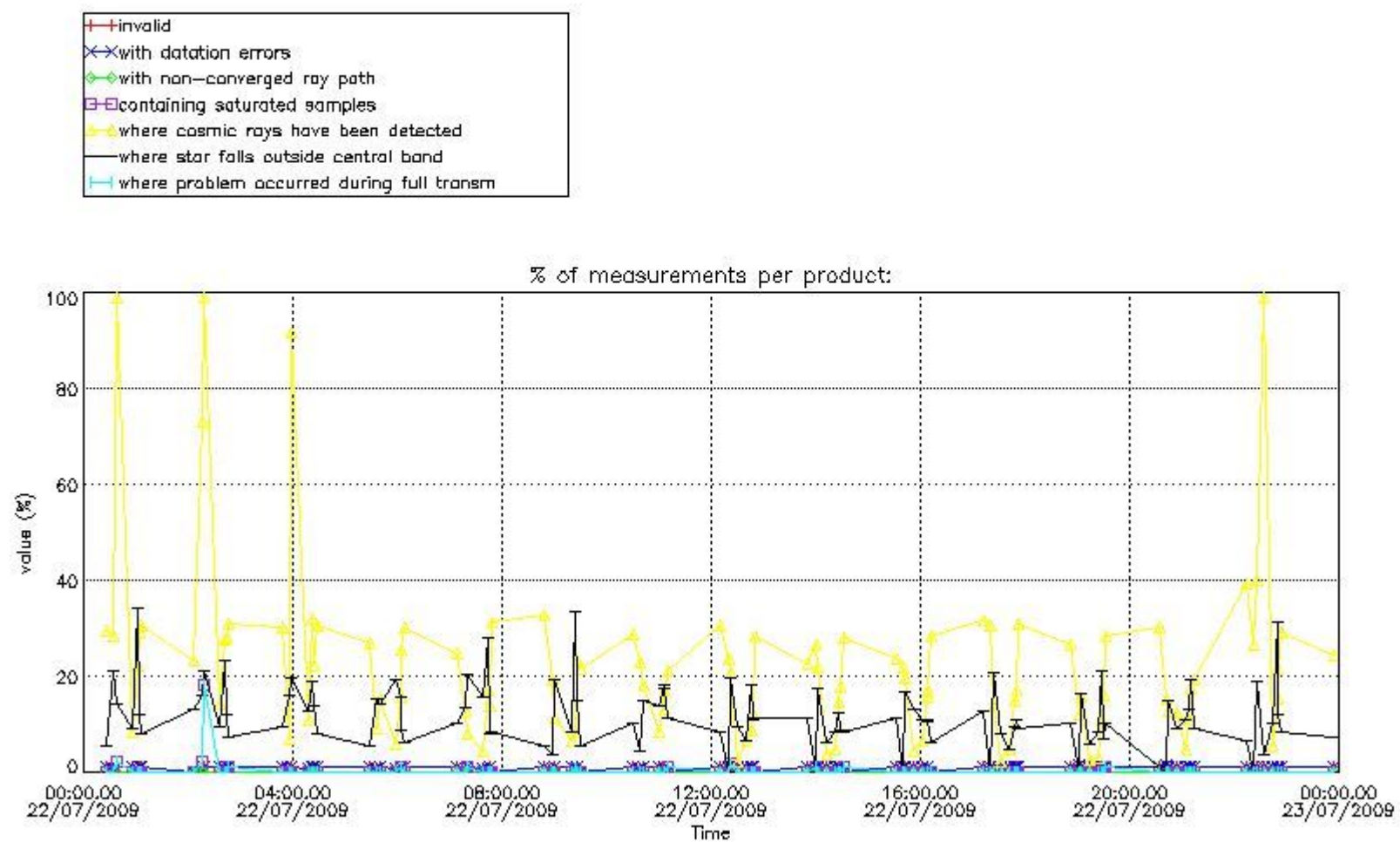


4. Level 1 quality information per product

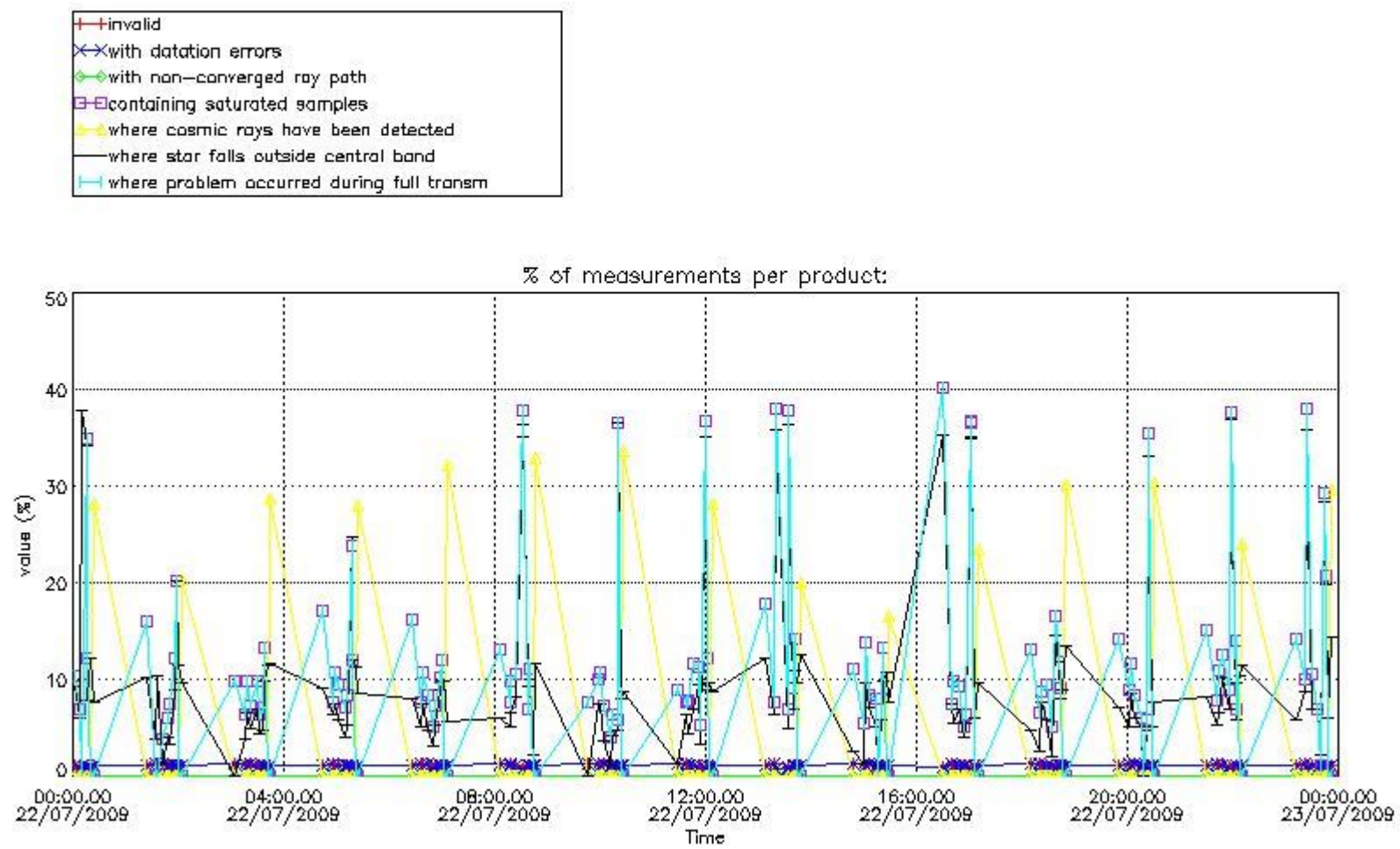
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



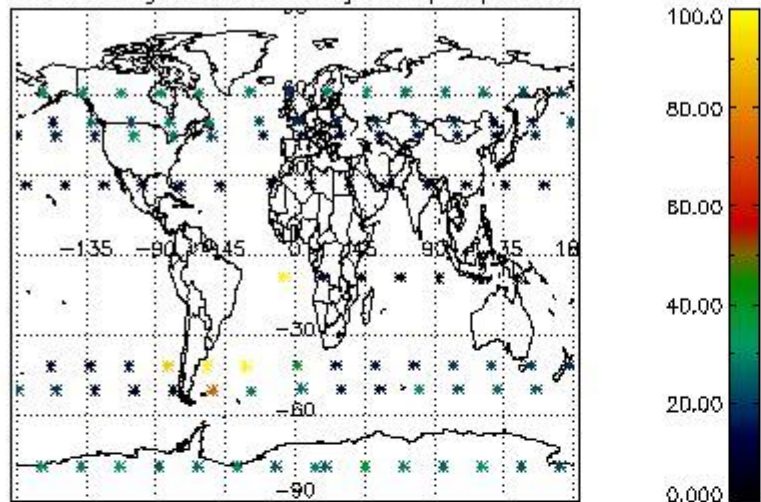
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



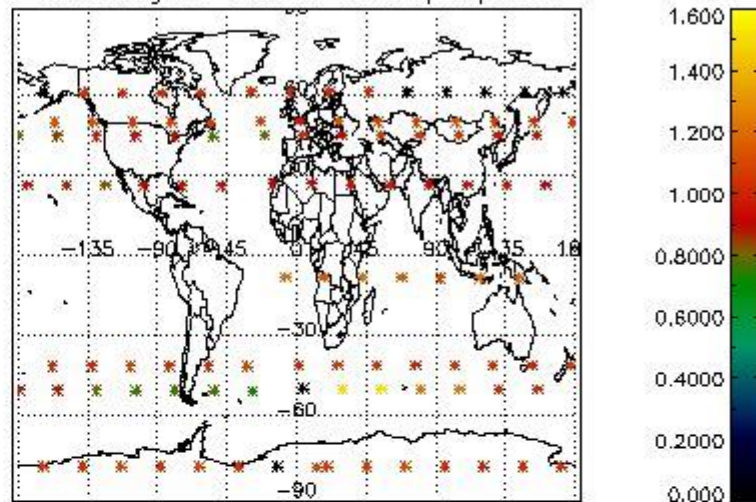
4.2 Plot quality information per product coming from level 1b processing (world map)

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

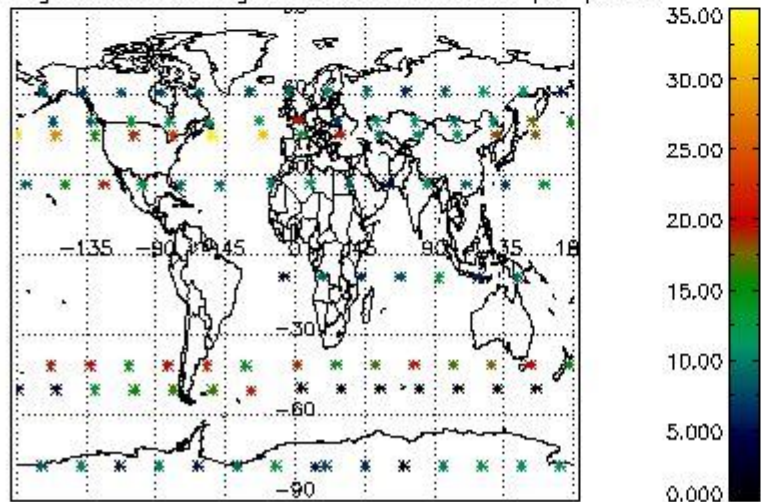
Percentage of cosmic ray hits per profile



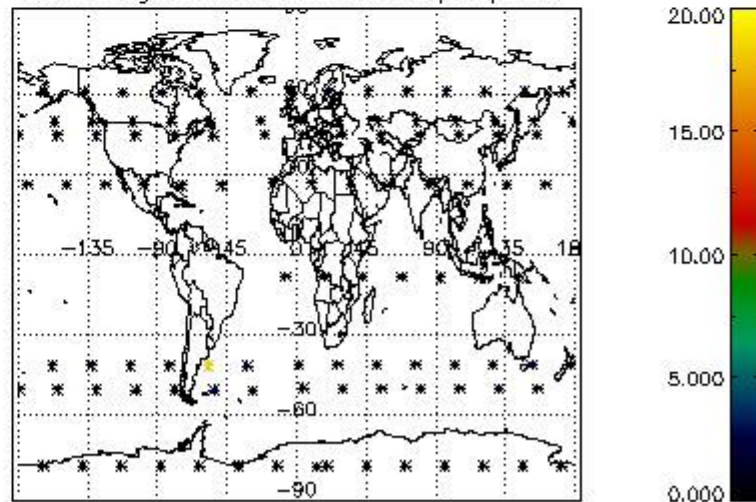
Percentage of datation errors per profile



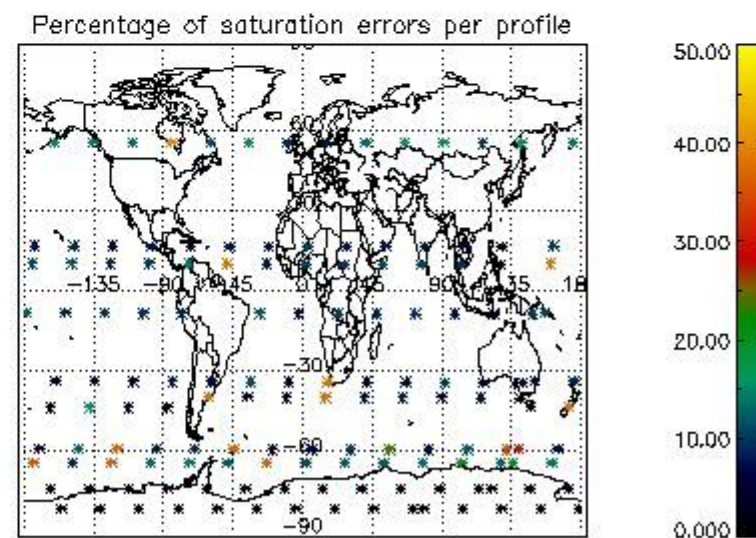
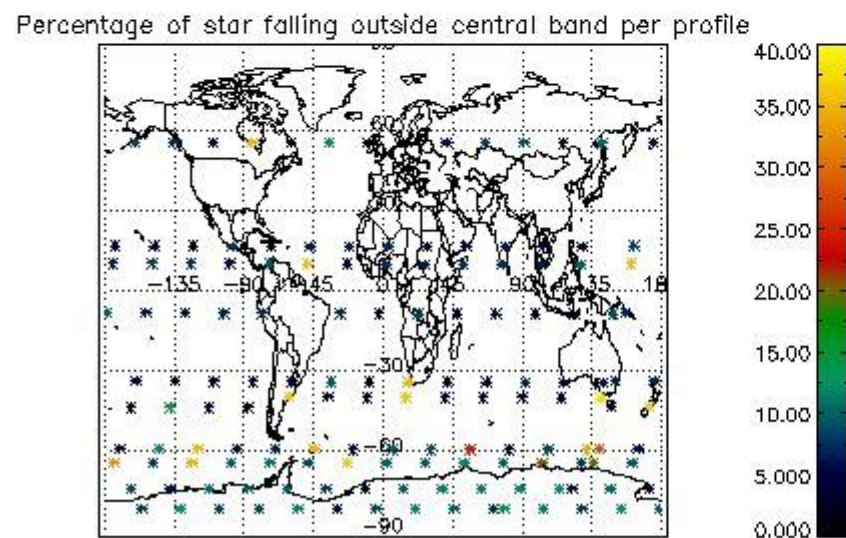
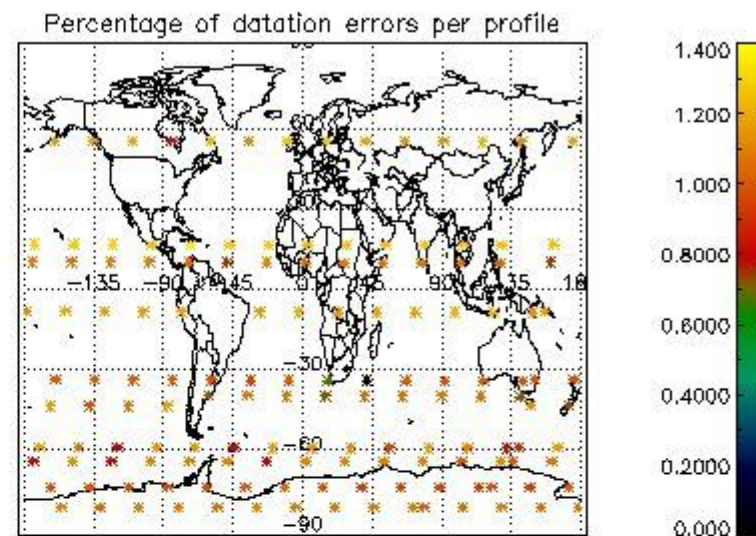
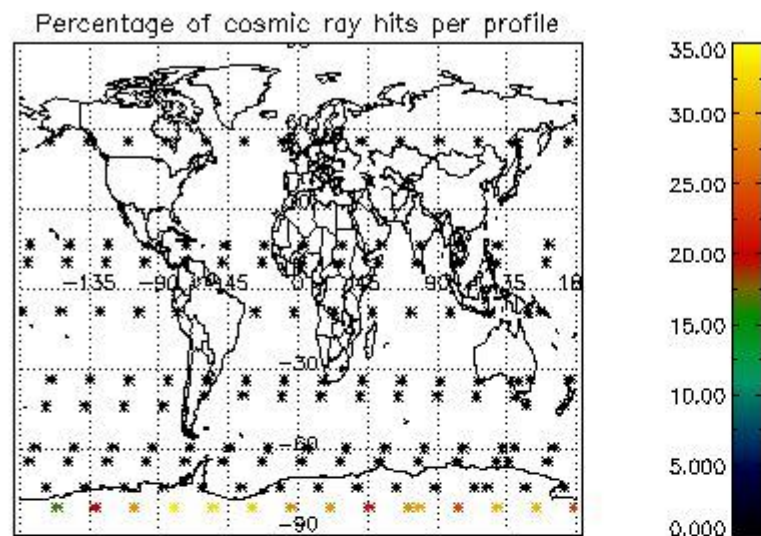
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

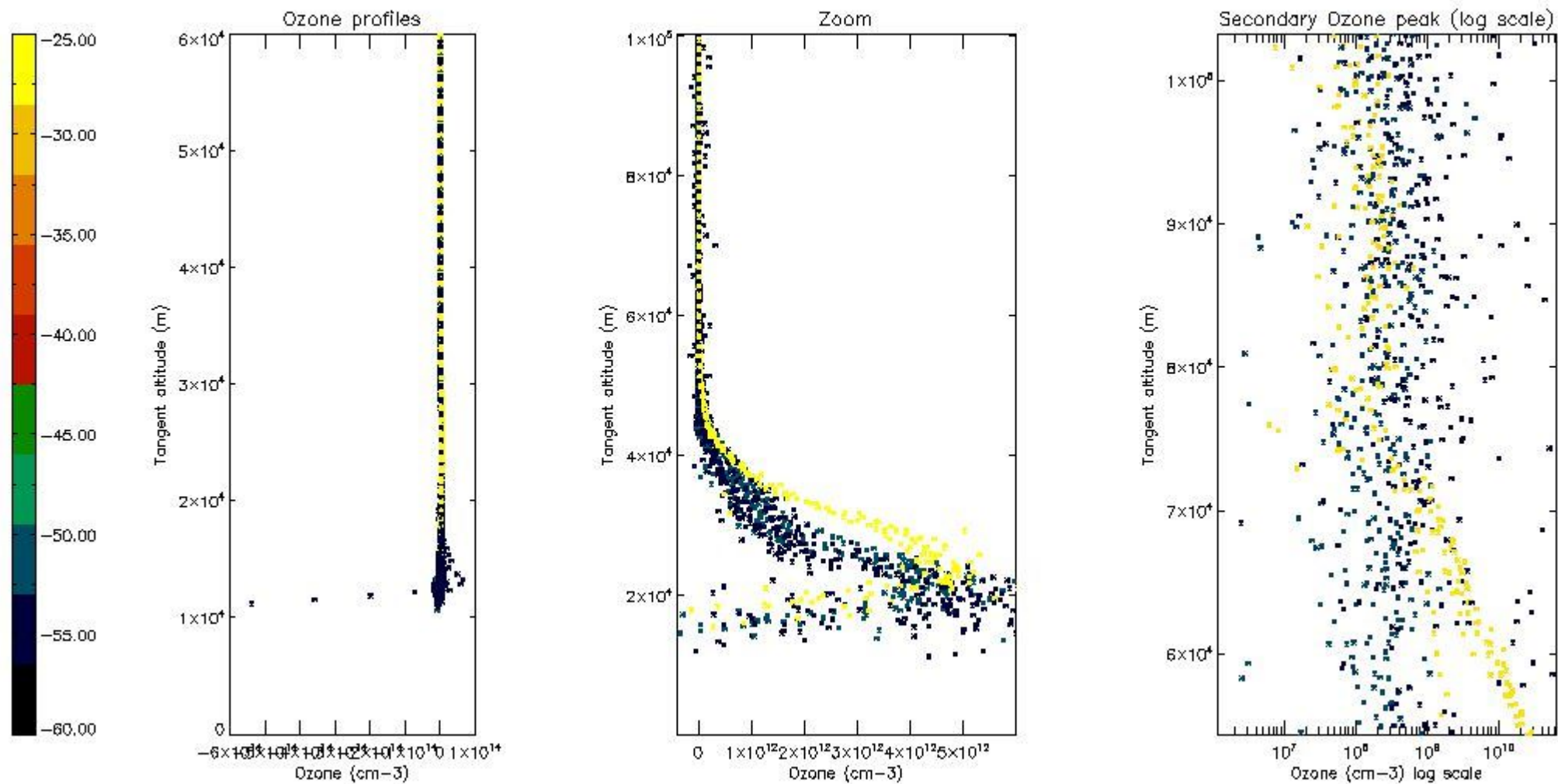
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	14
STD < 20	3

STD < 10	1
STD < 5	0

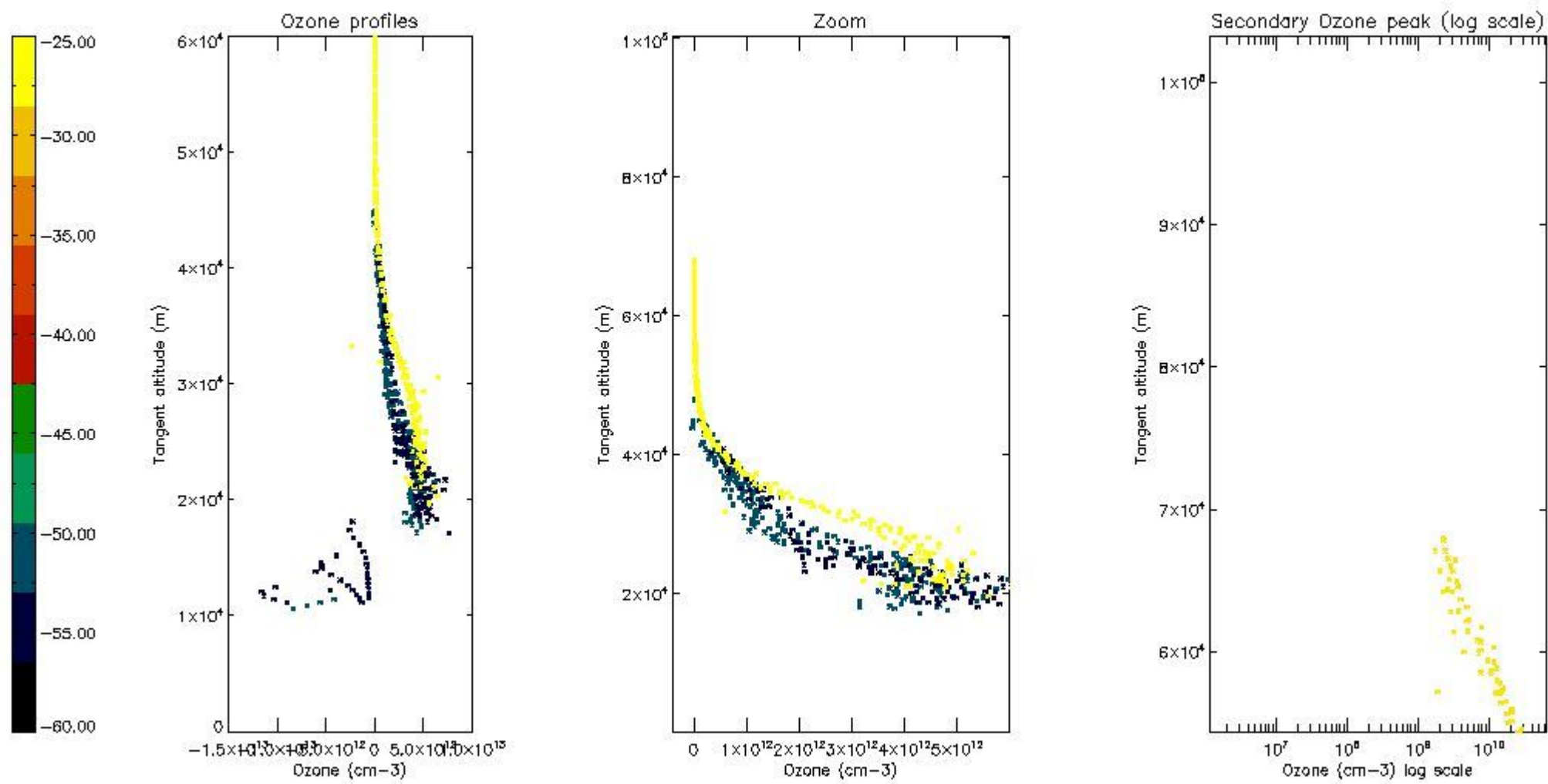
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



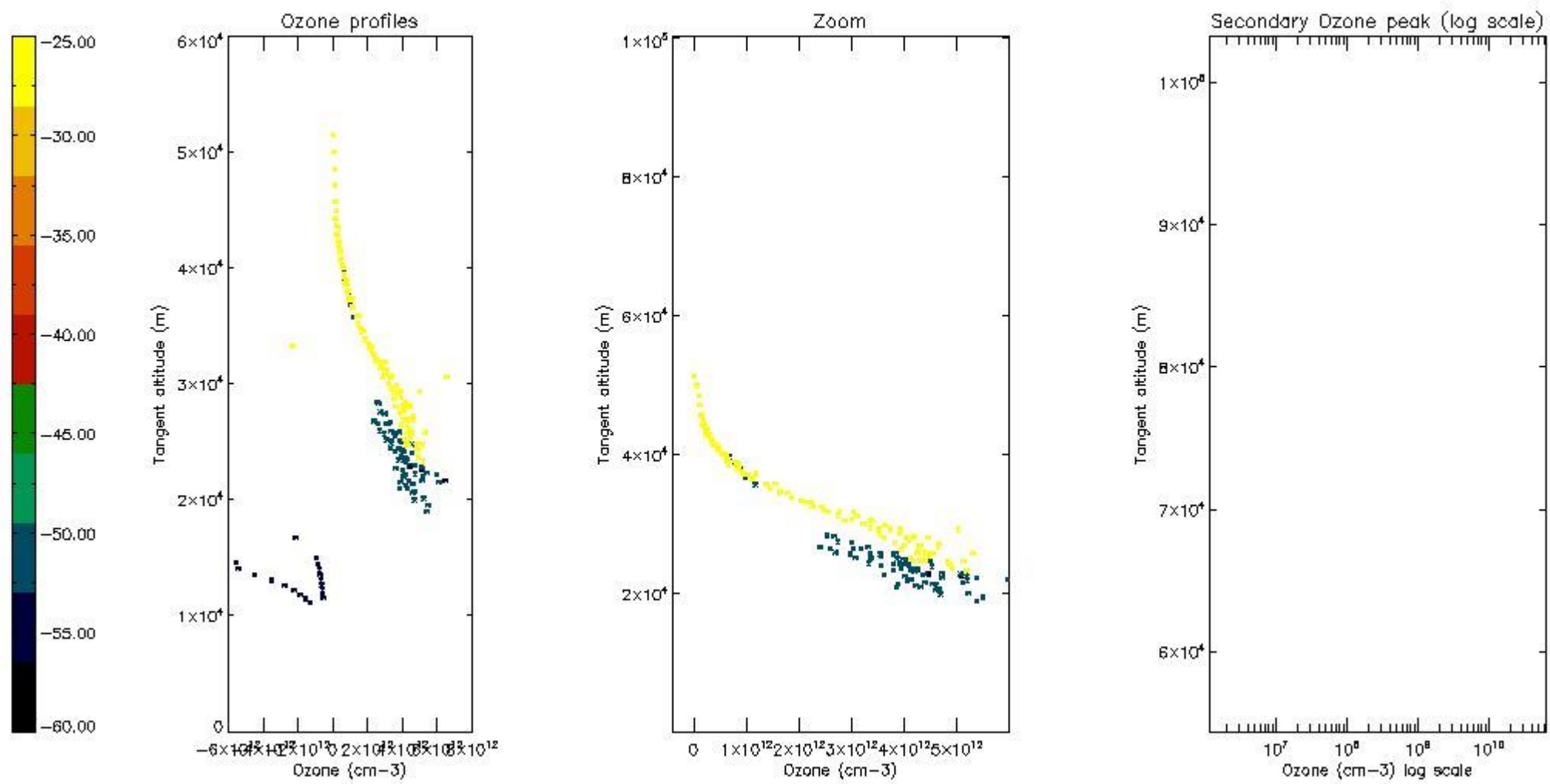
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



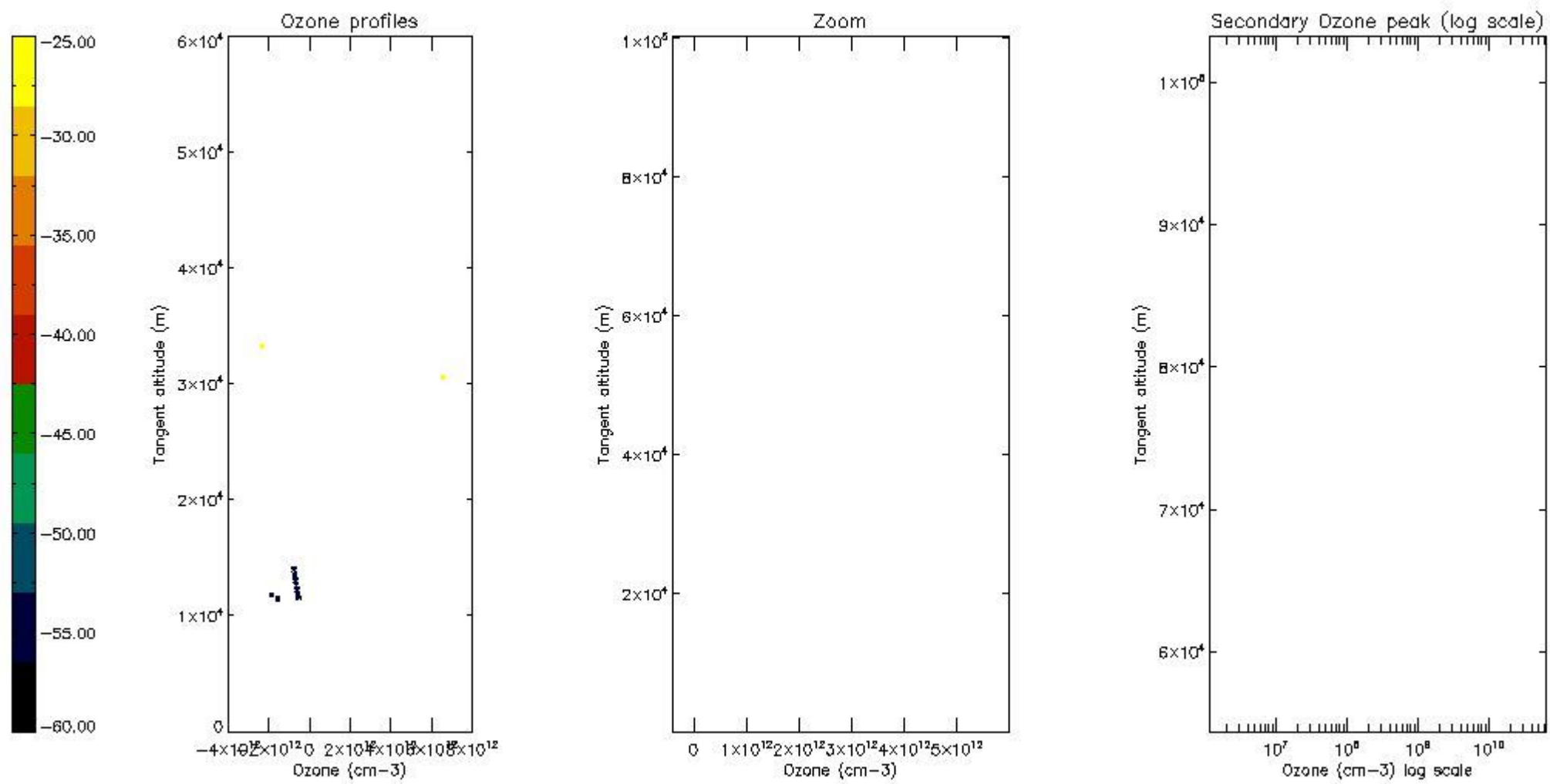
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



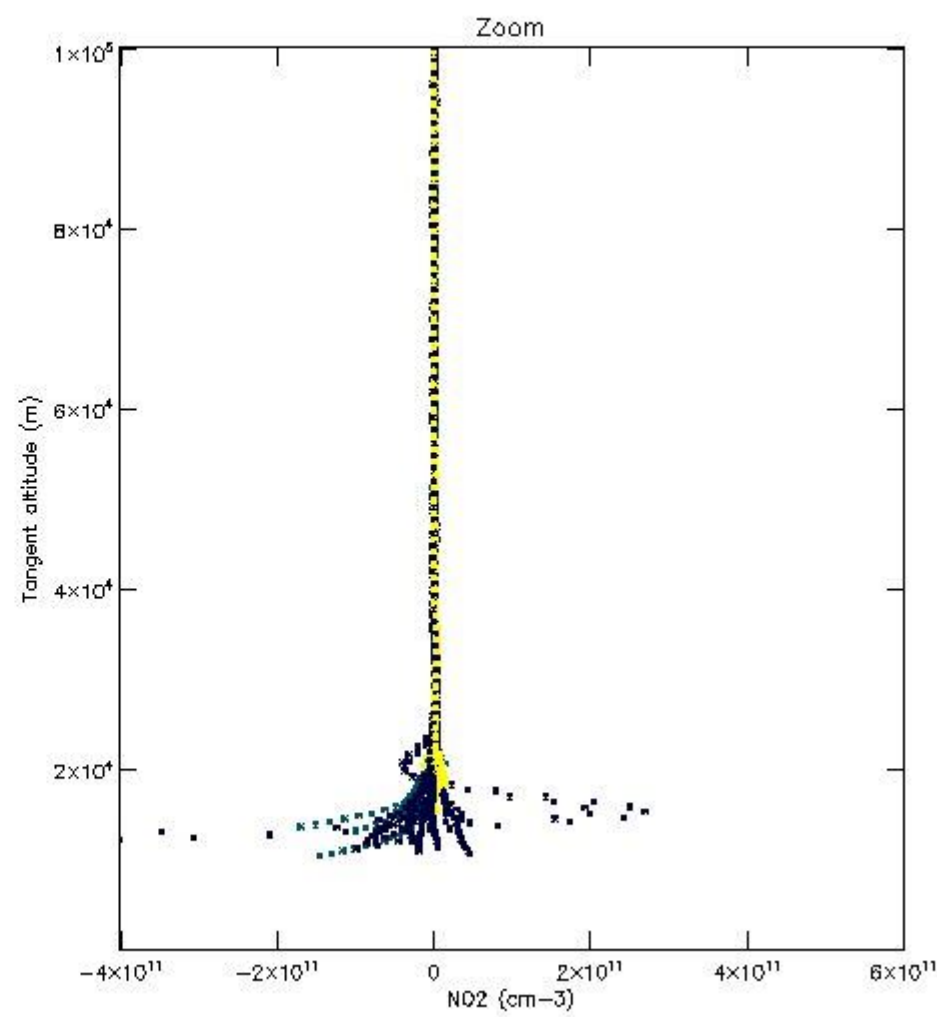
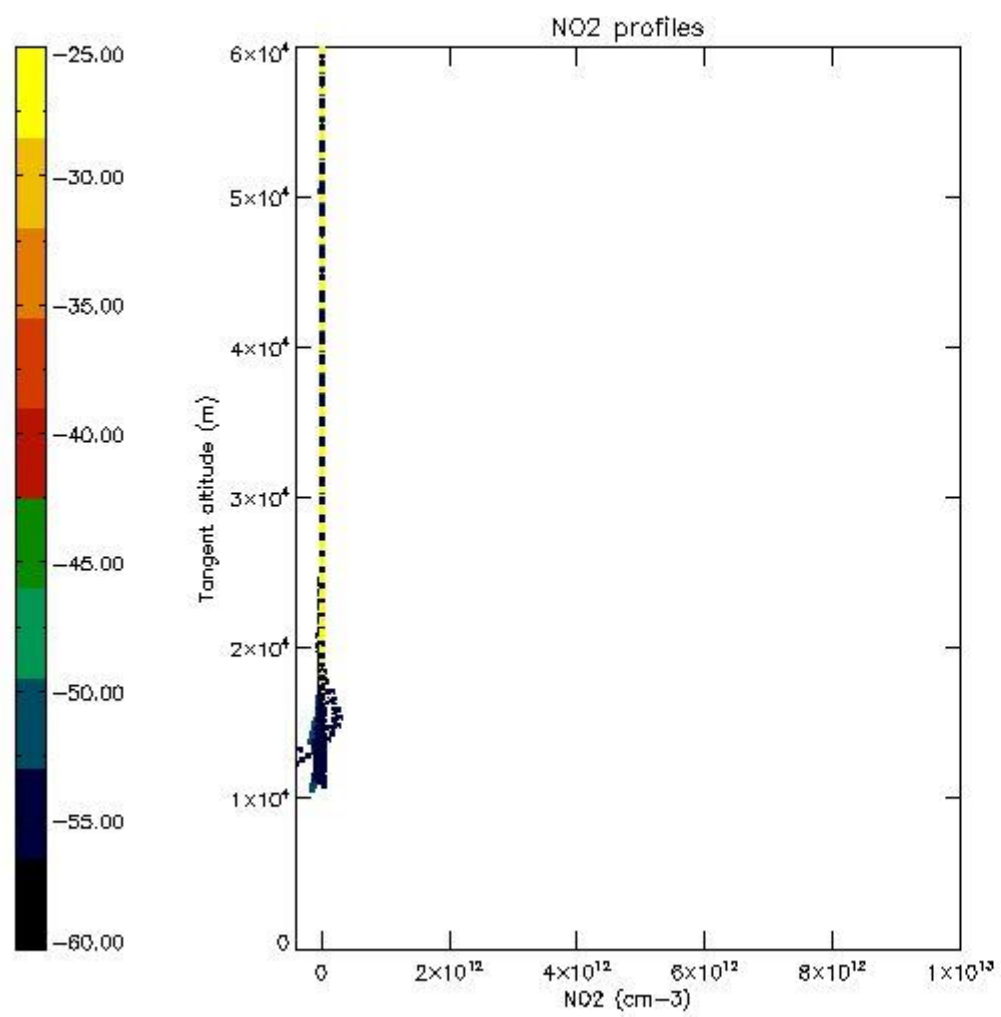
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



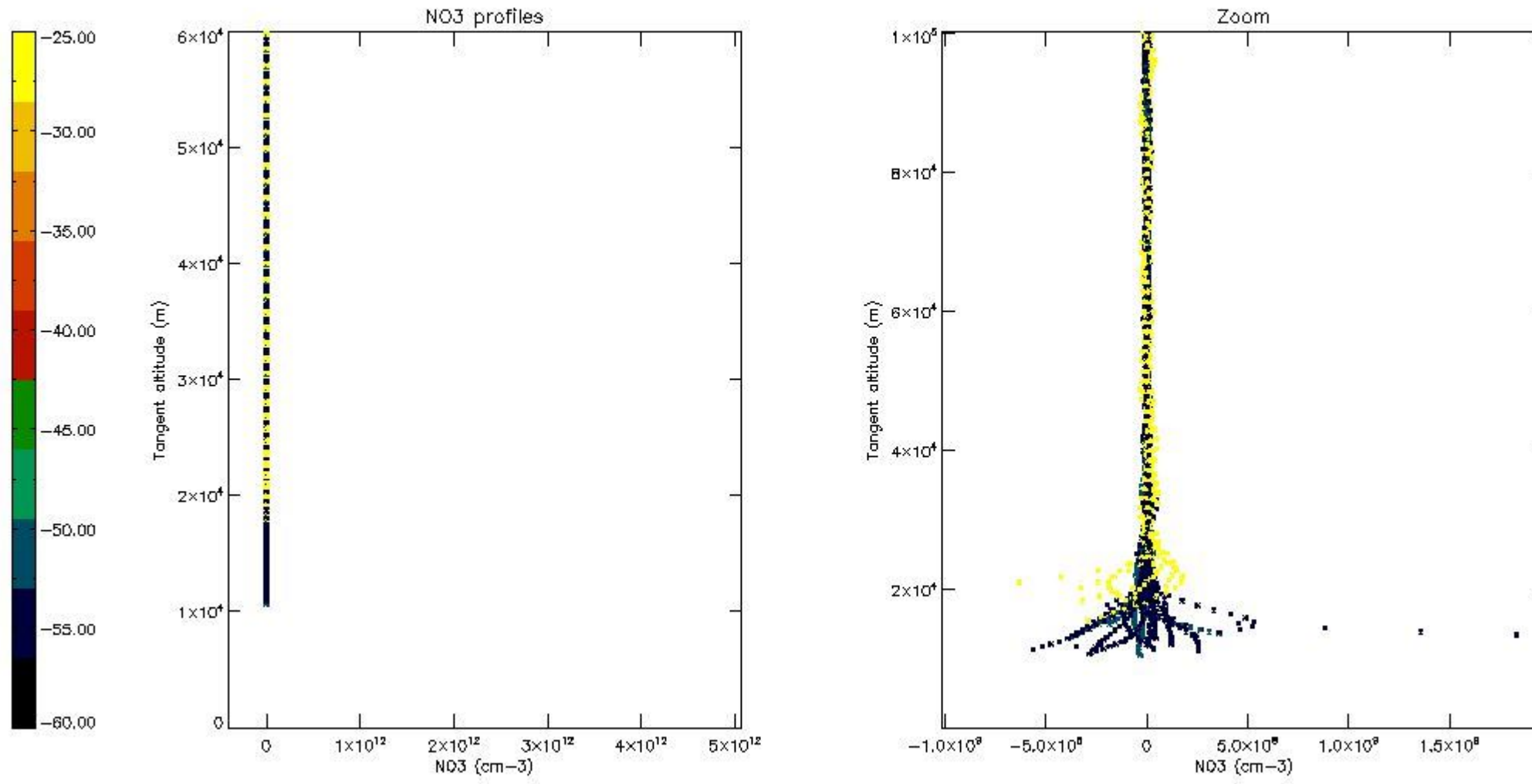
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



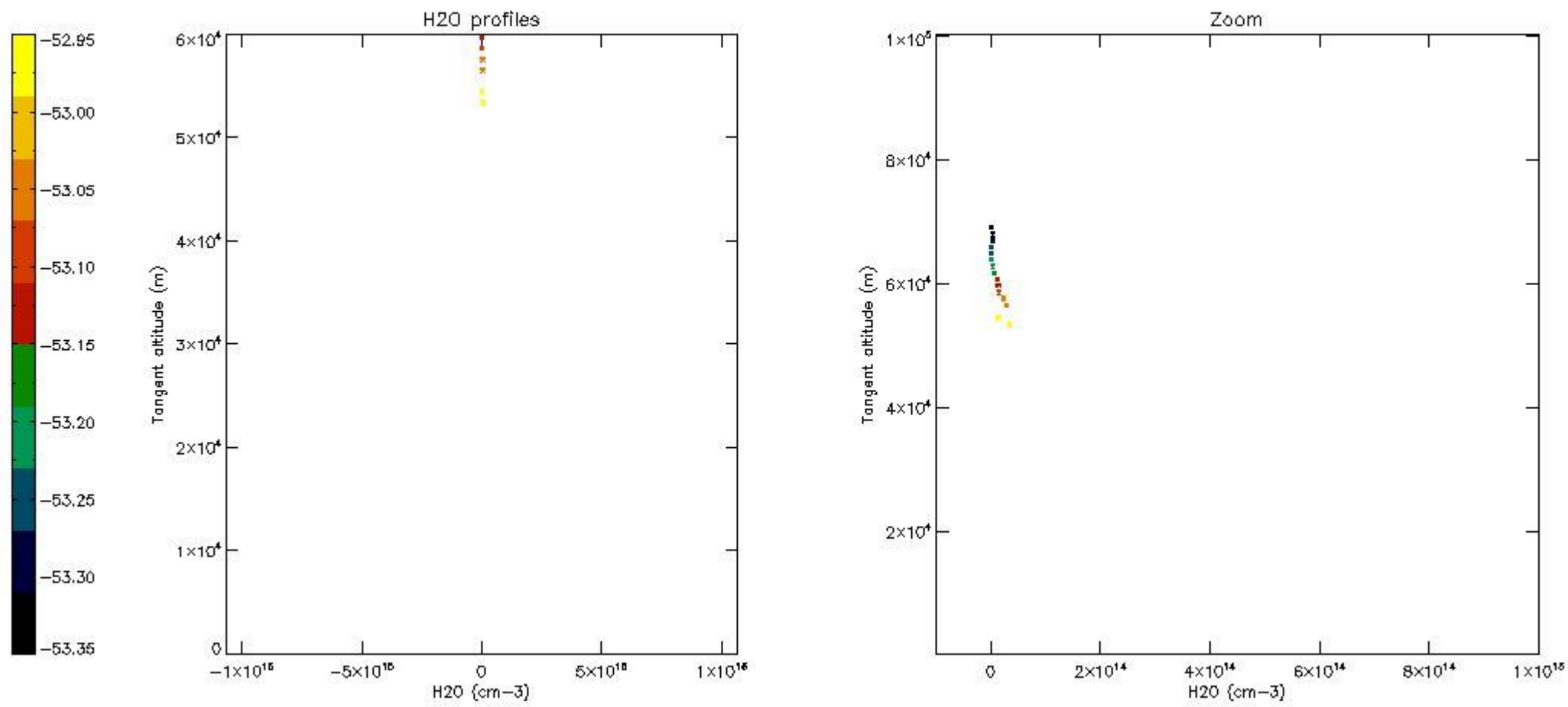
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

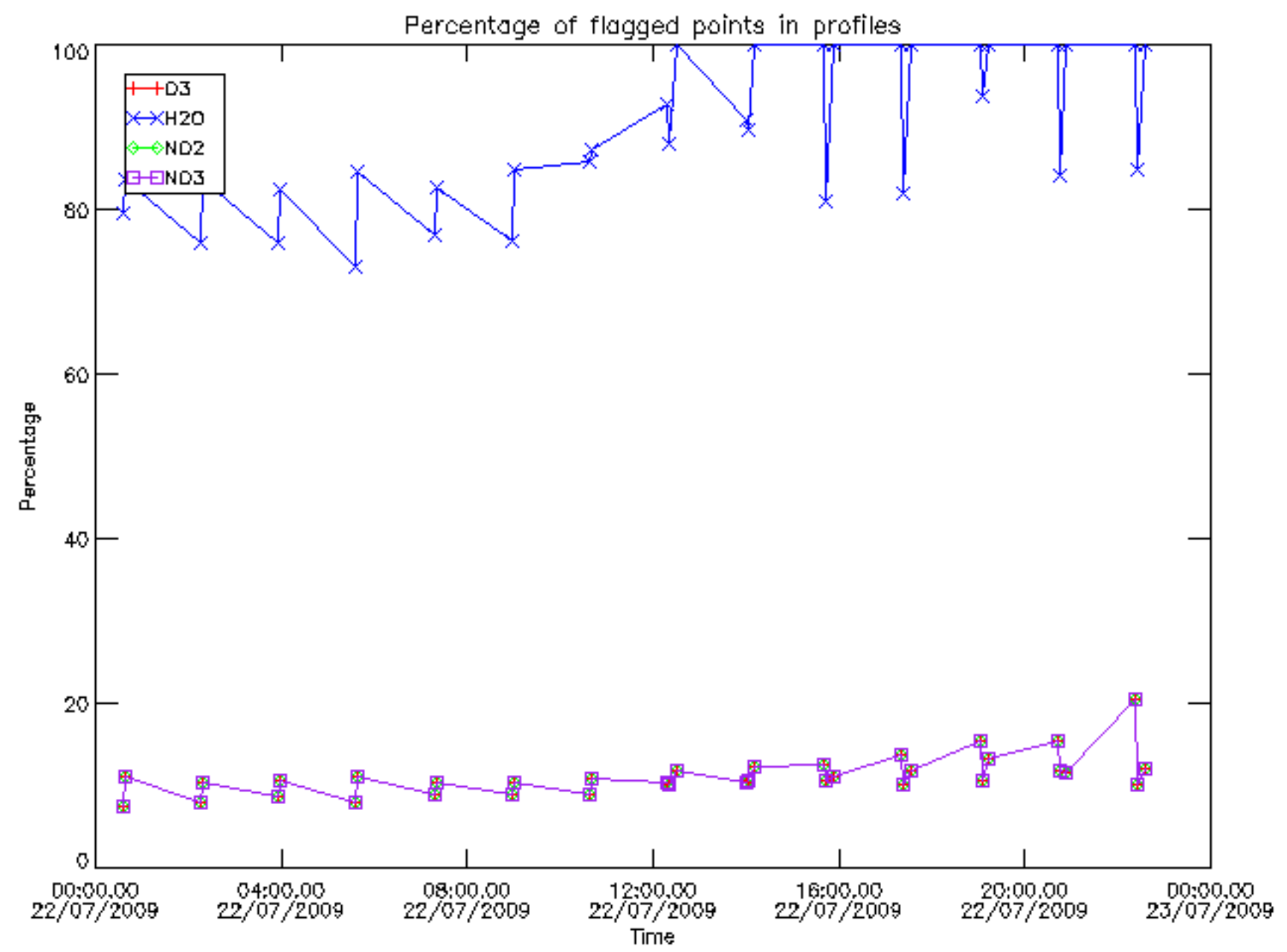
The colorbar represents the latitude.



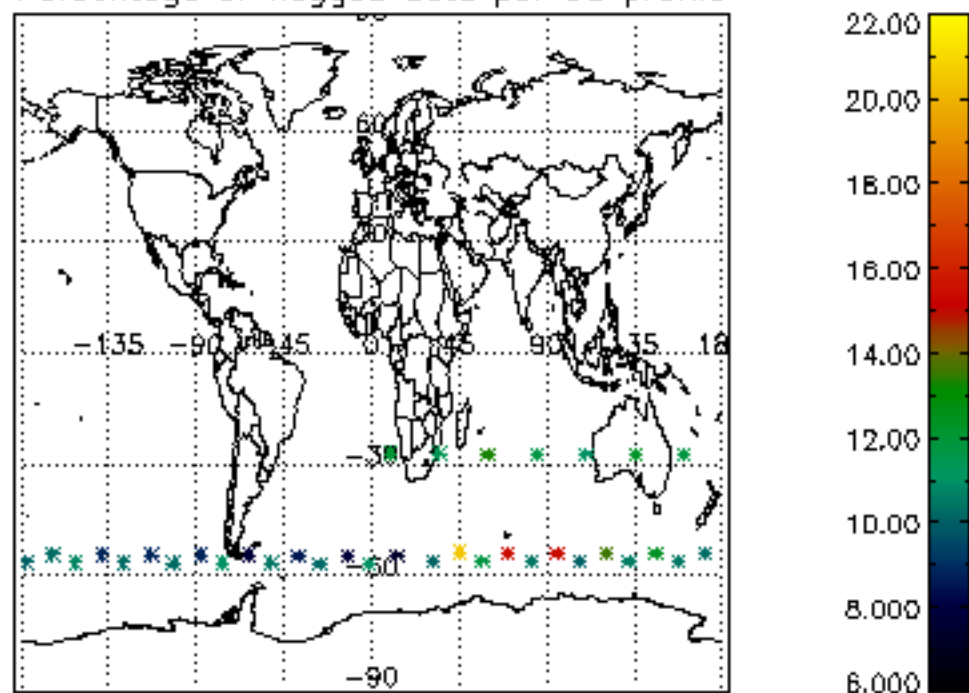
6. Auxiliary Data Files used for the production reported in section 2

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

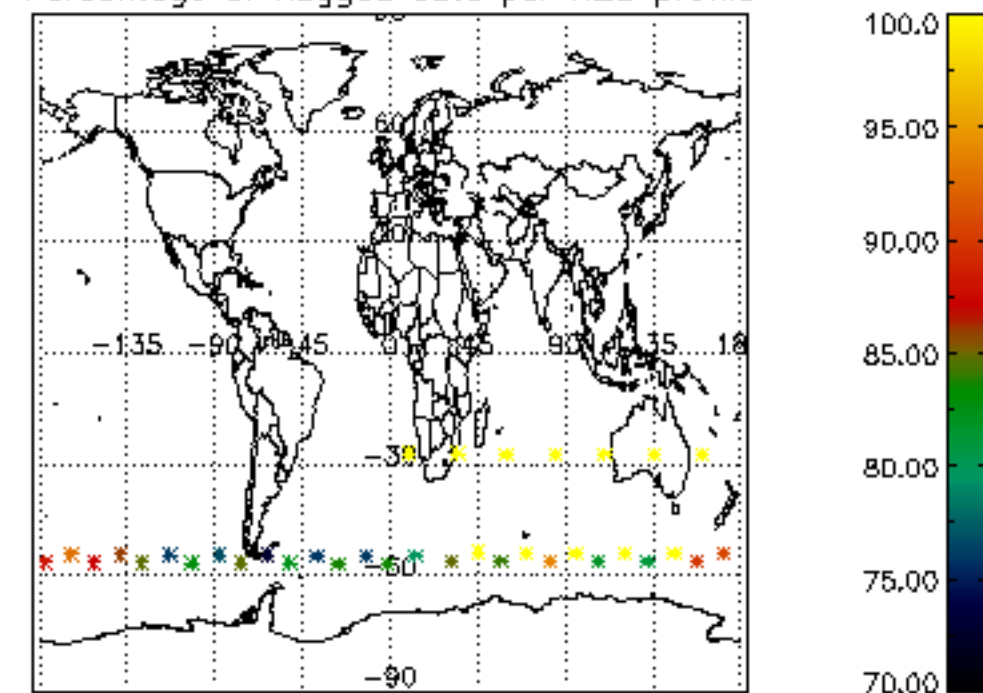
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-JUL-2009 00:01:08
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-JUL-2009 00:01:08
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-JUL-2009 00:01:08



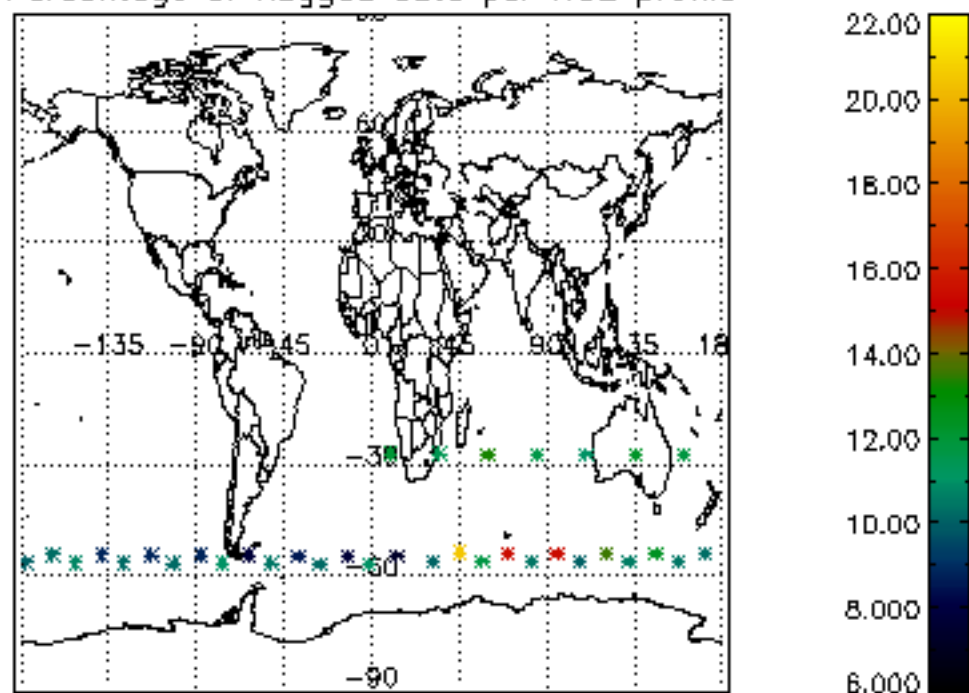
Percentage of flagged data per D3 profile



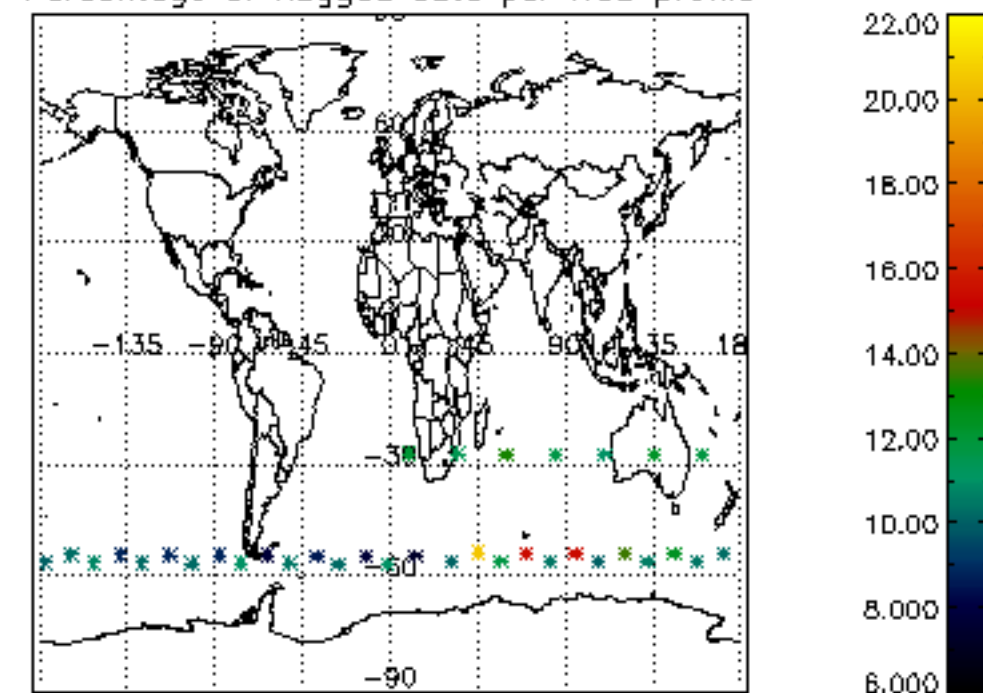
Percentage of flagged data per H2O profile

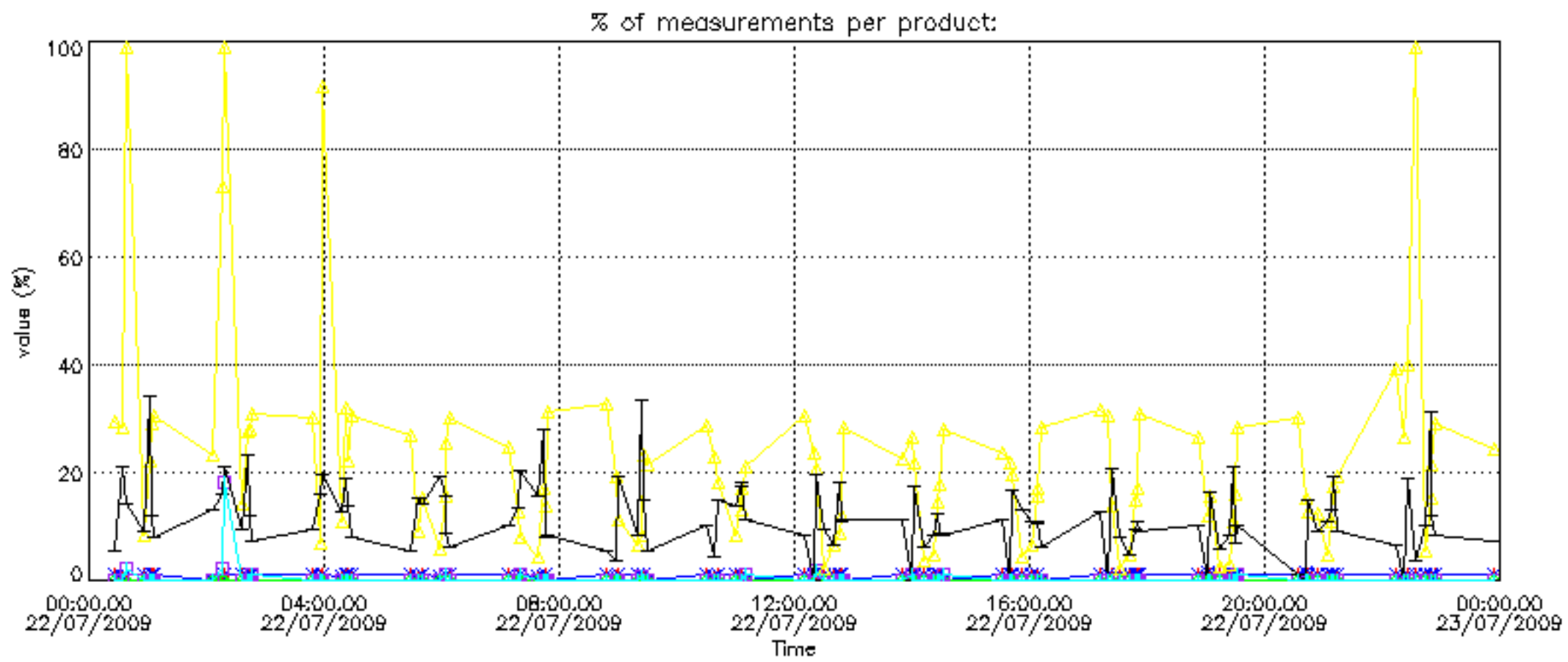
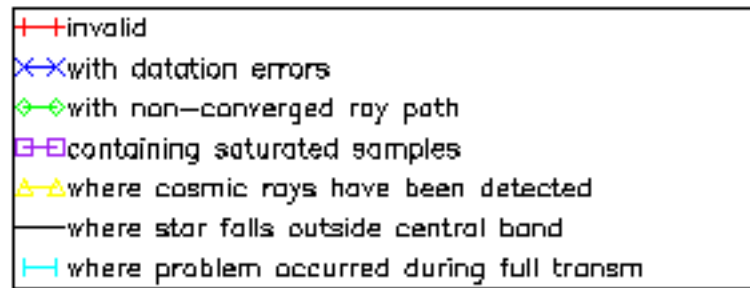


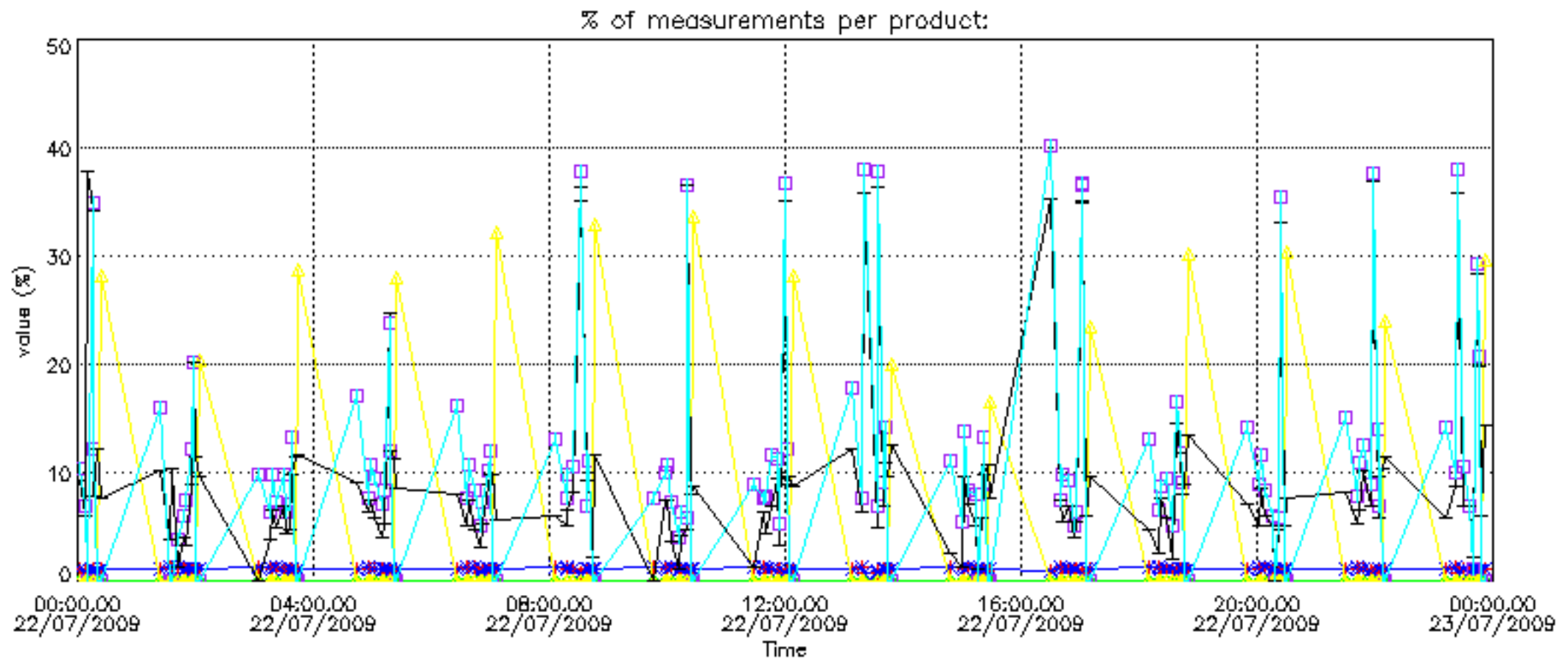
Percentage of flagged data per NO2 profile



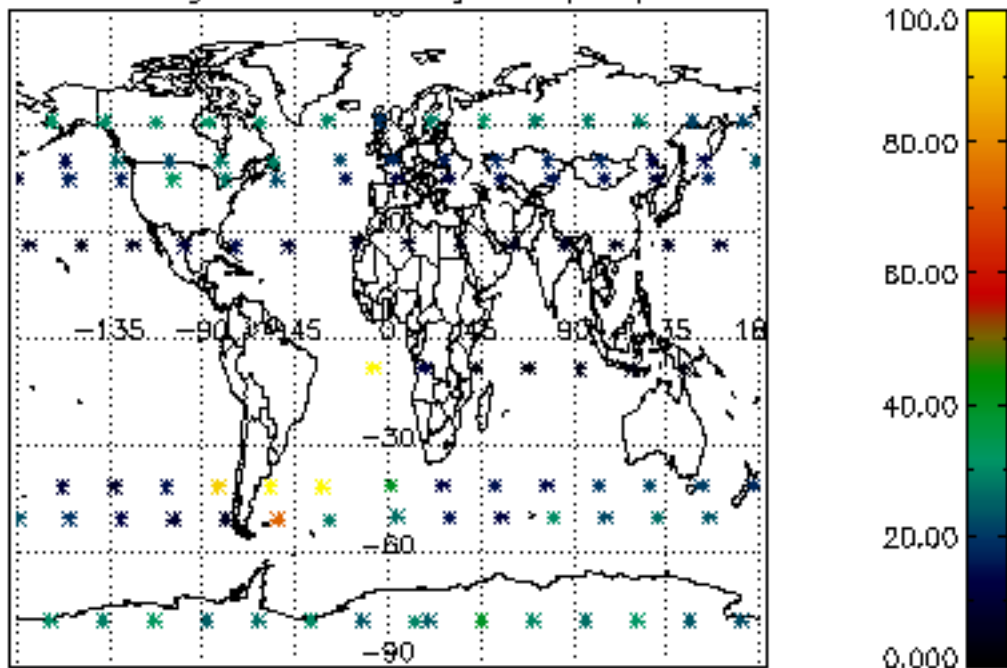
Percentage of flagged data per NO3 profile



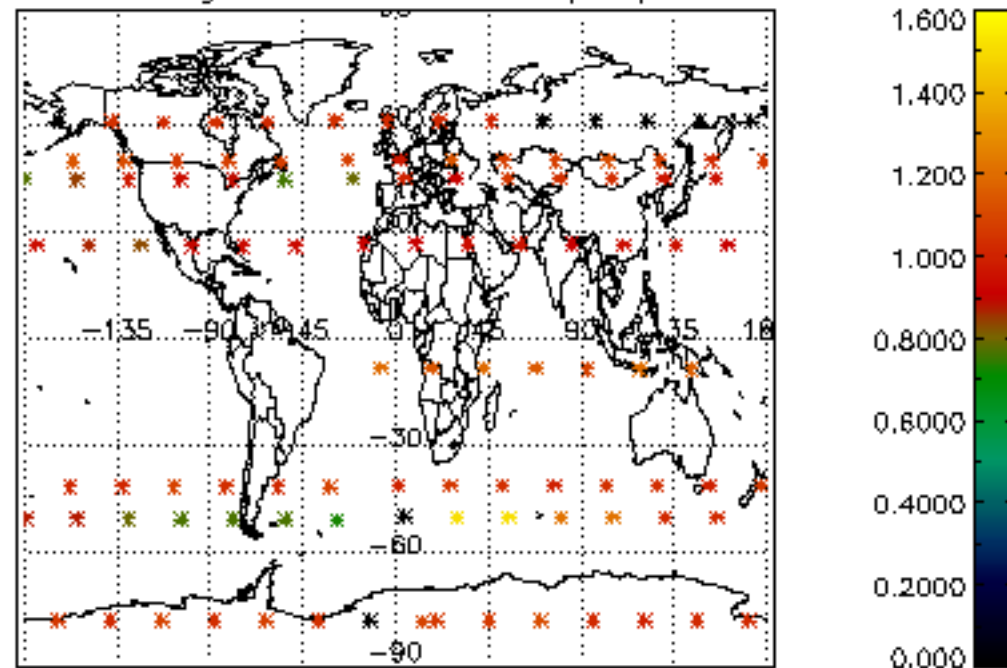




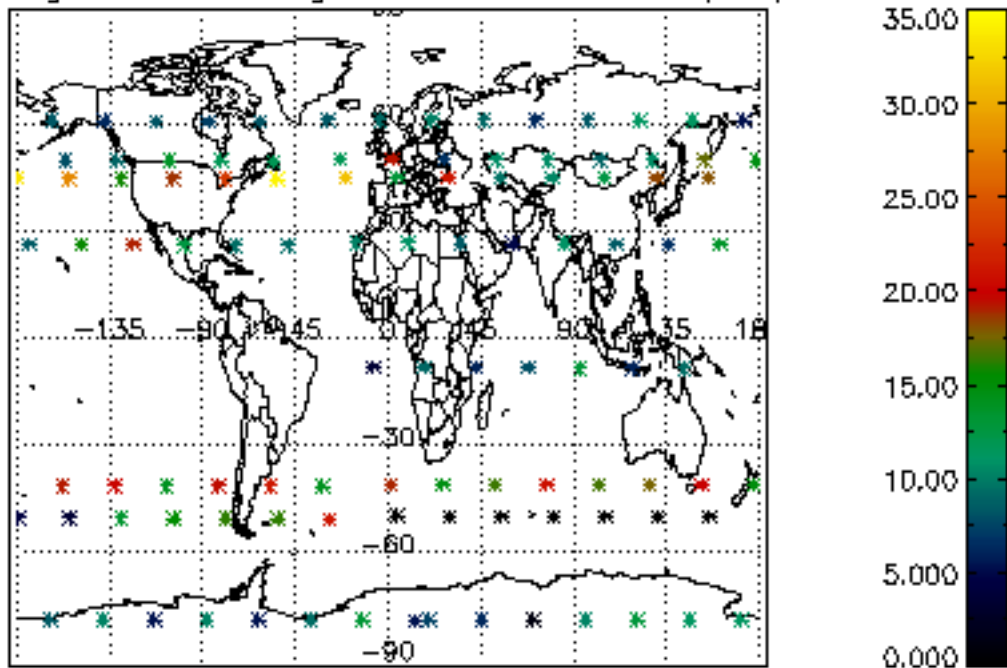
Percentage of cosmic ray hits per profile



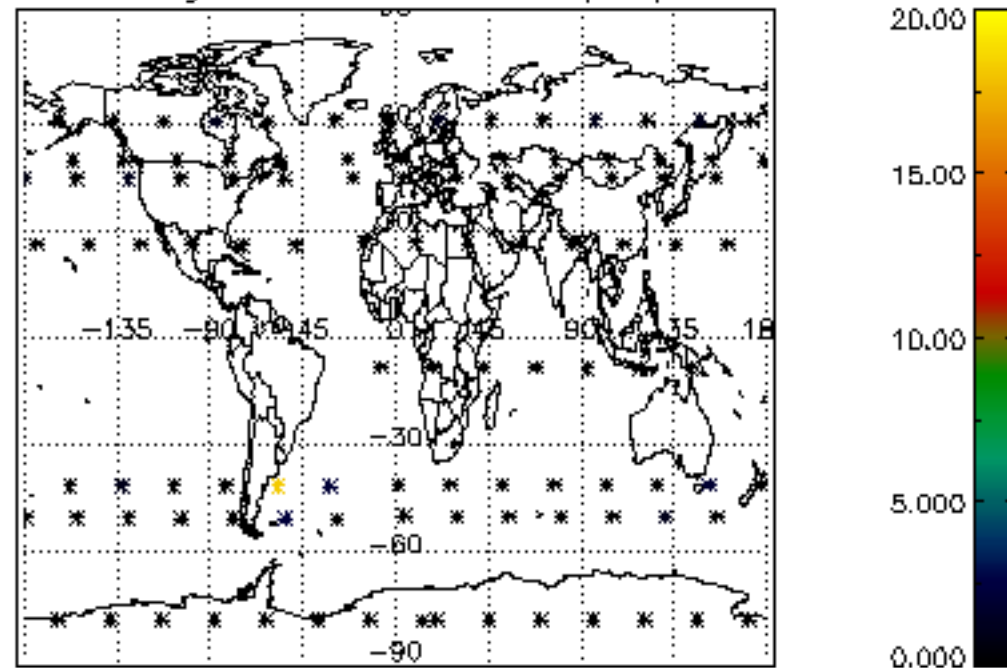
Percentage of datation errors per profile



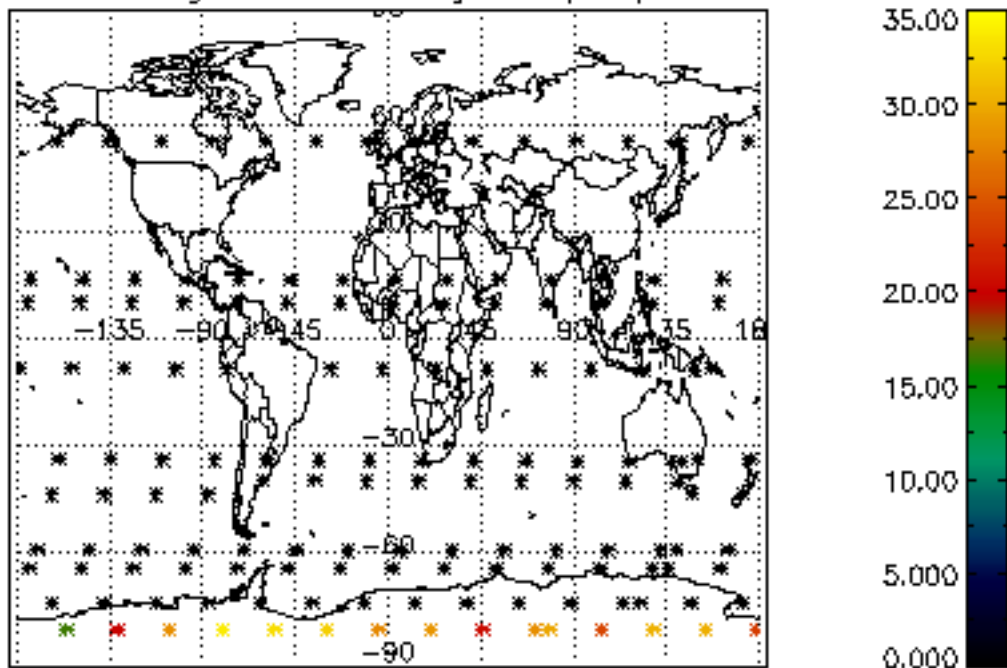
Percentage of star falling outside central band per profile



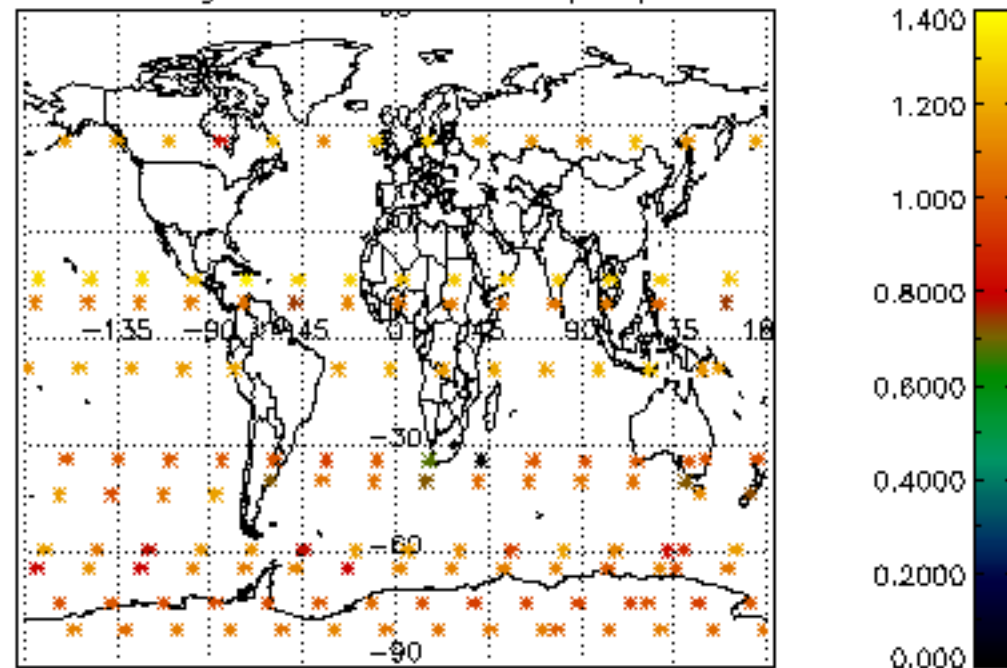
Percentage of saturation errors per profile



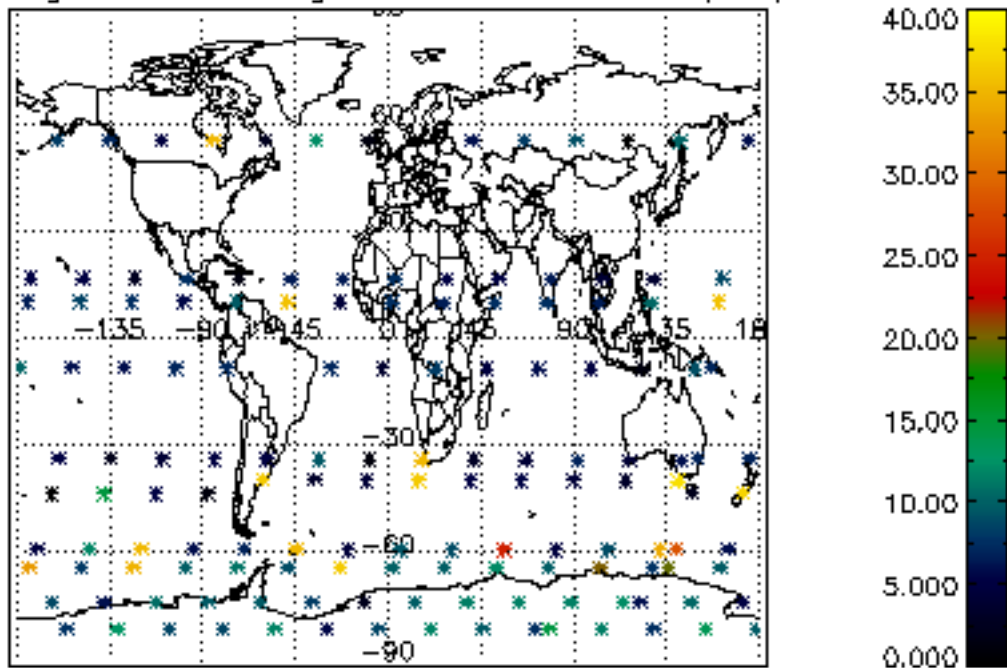
Percentage of cosmic ray hits per profile



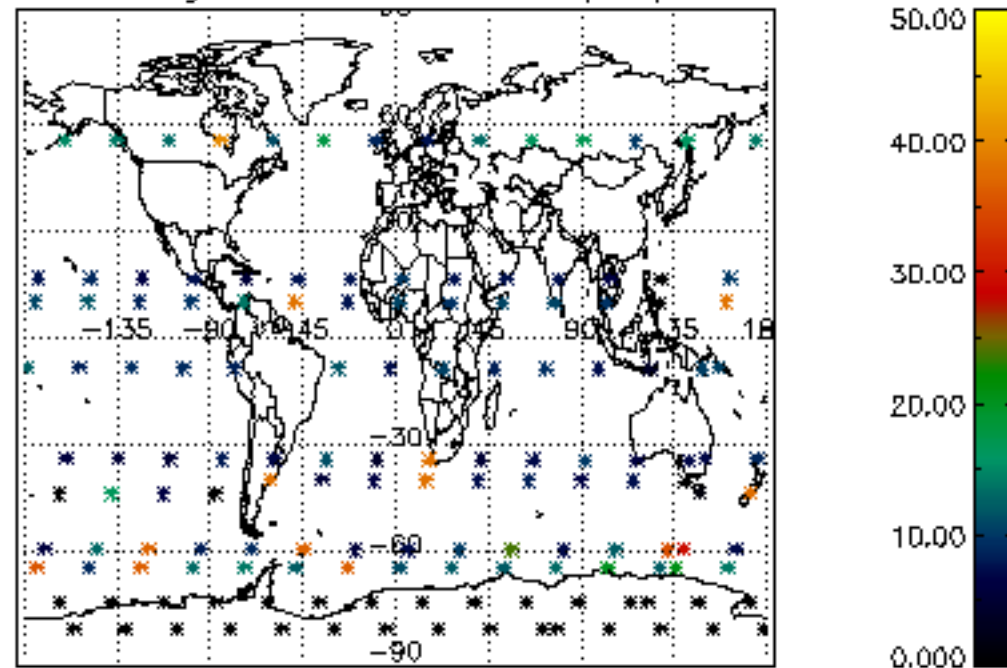
Percentage of datation errors per profile

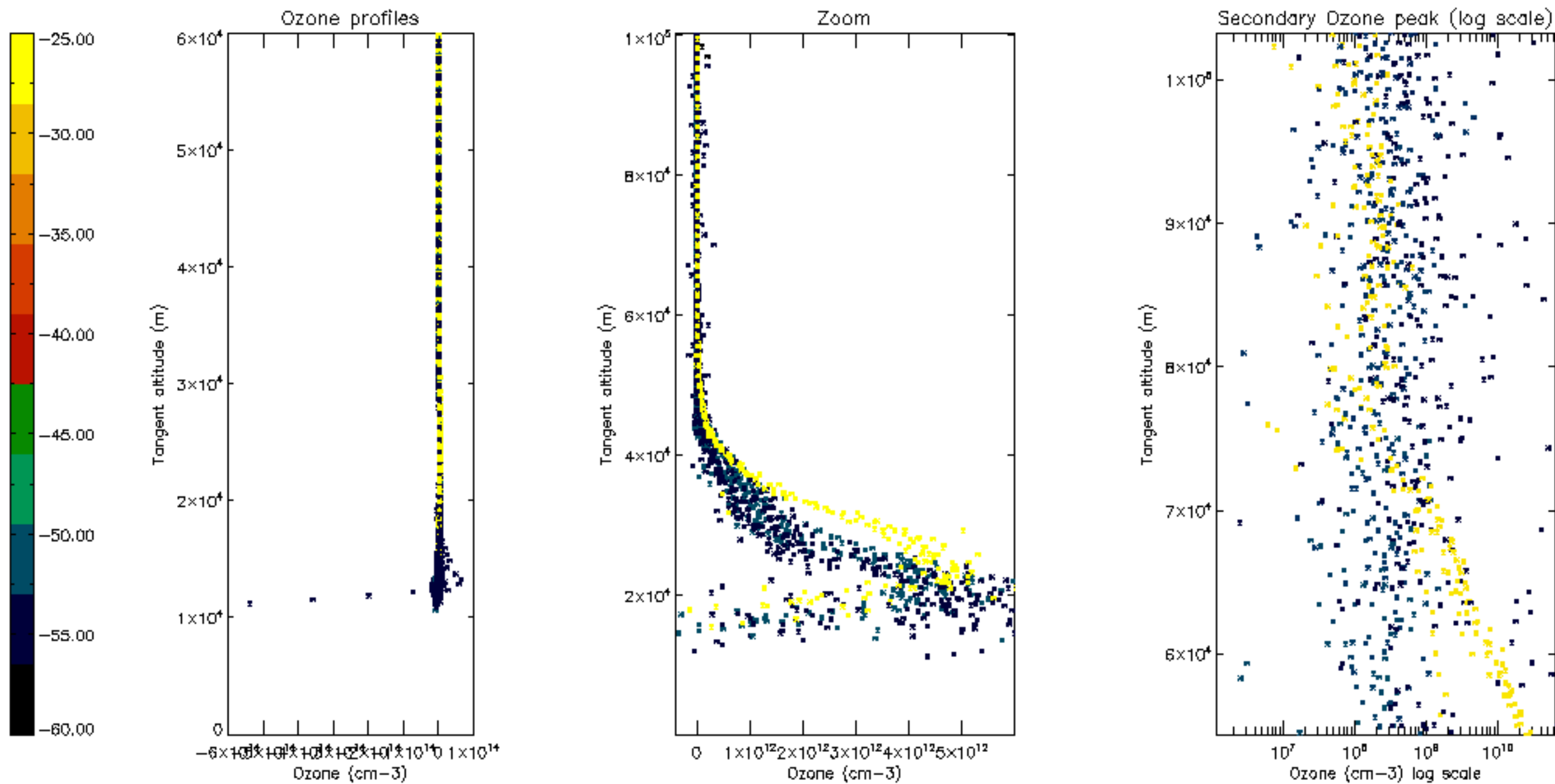


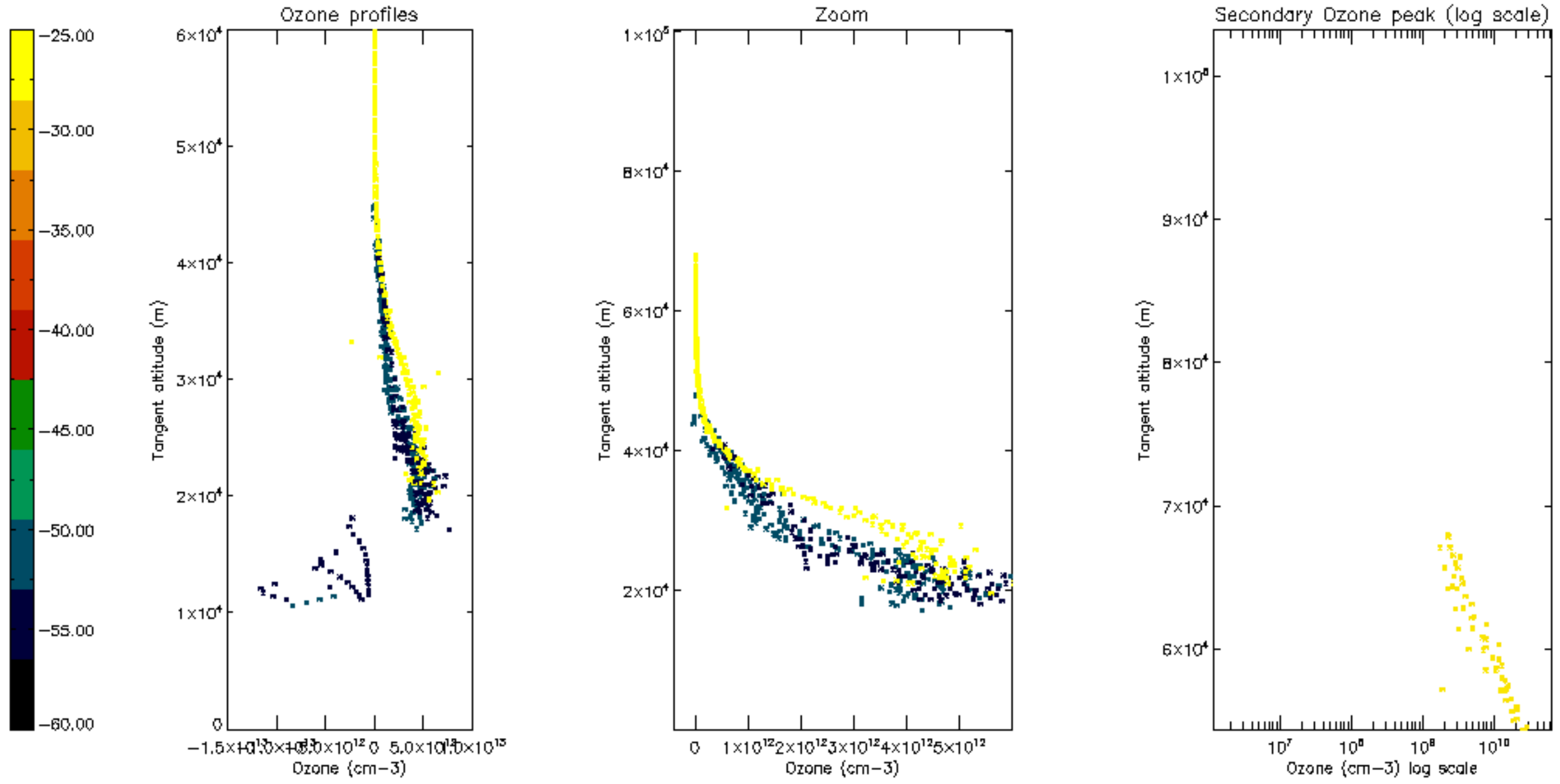
Percentage of star falling outside central band per profile

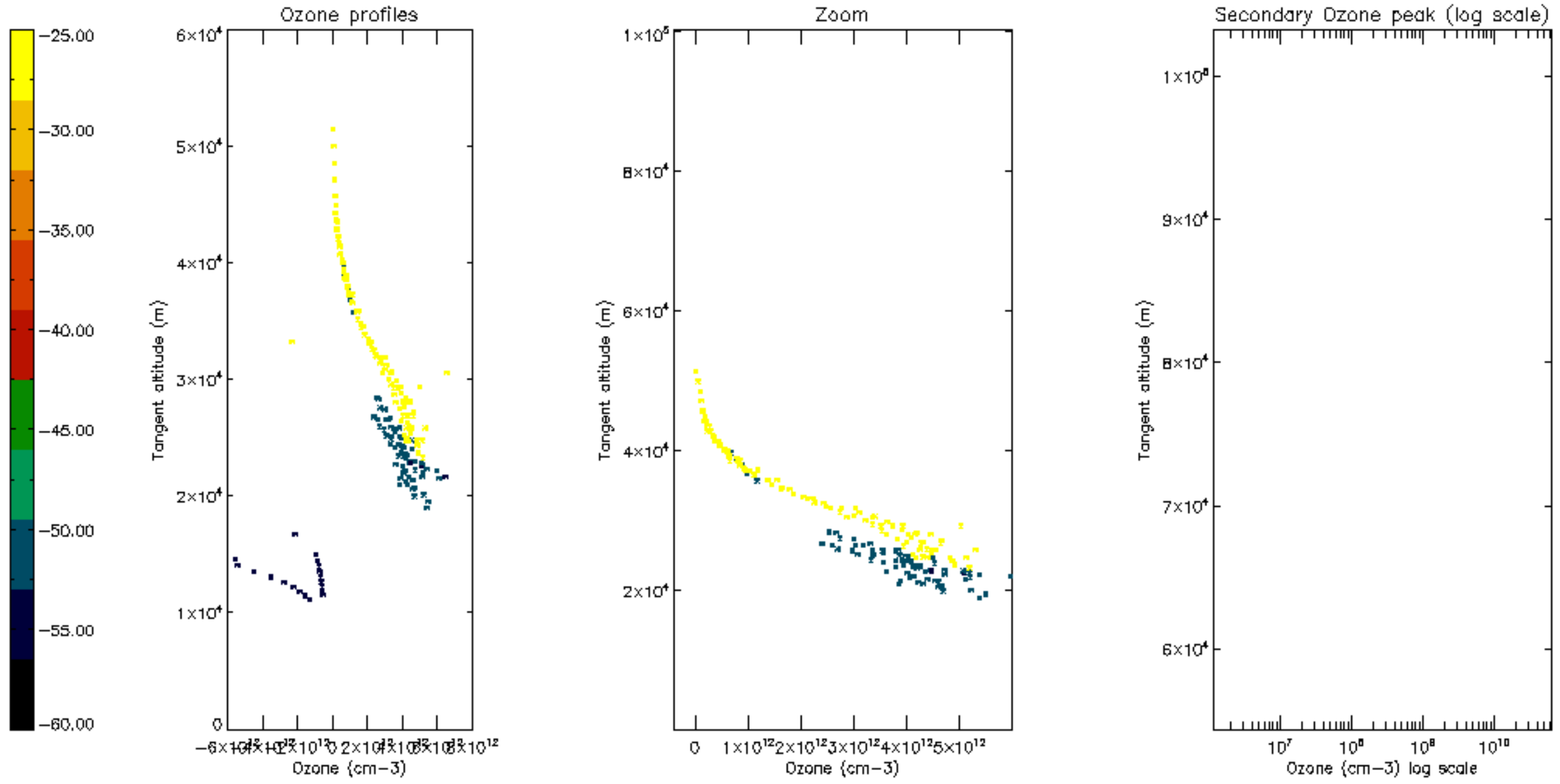


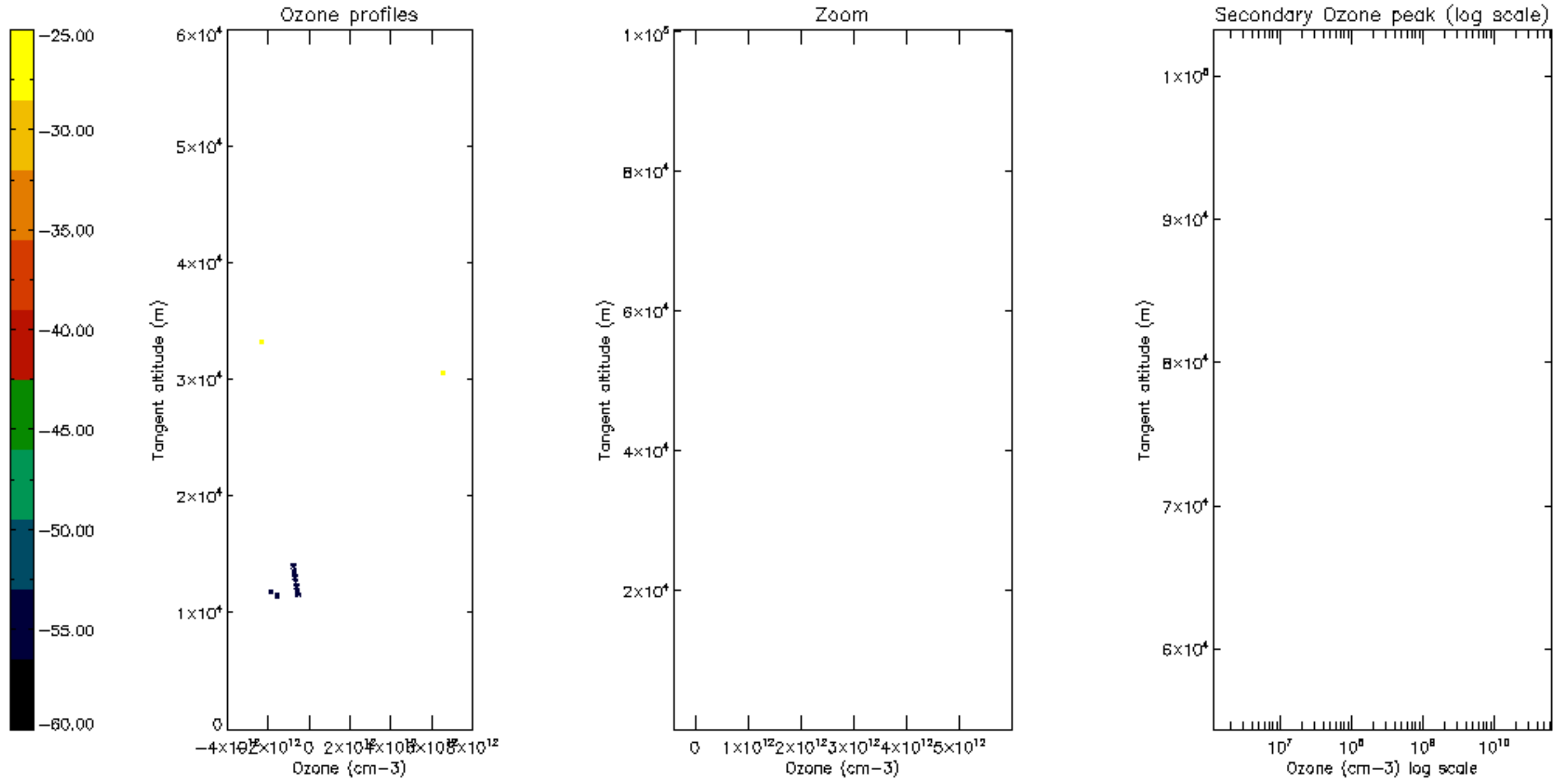
Percentage of saturation errors per profile

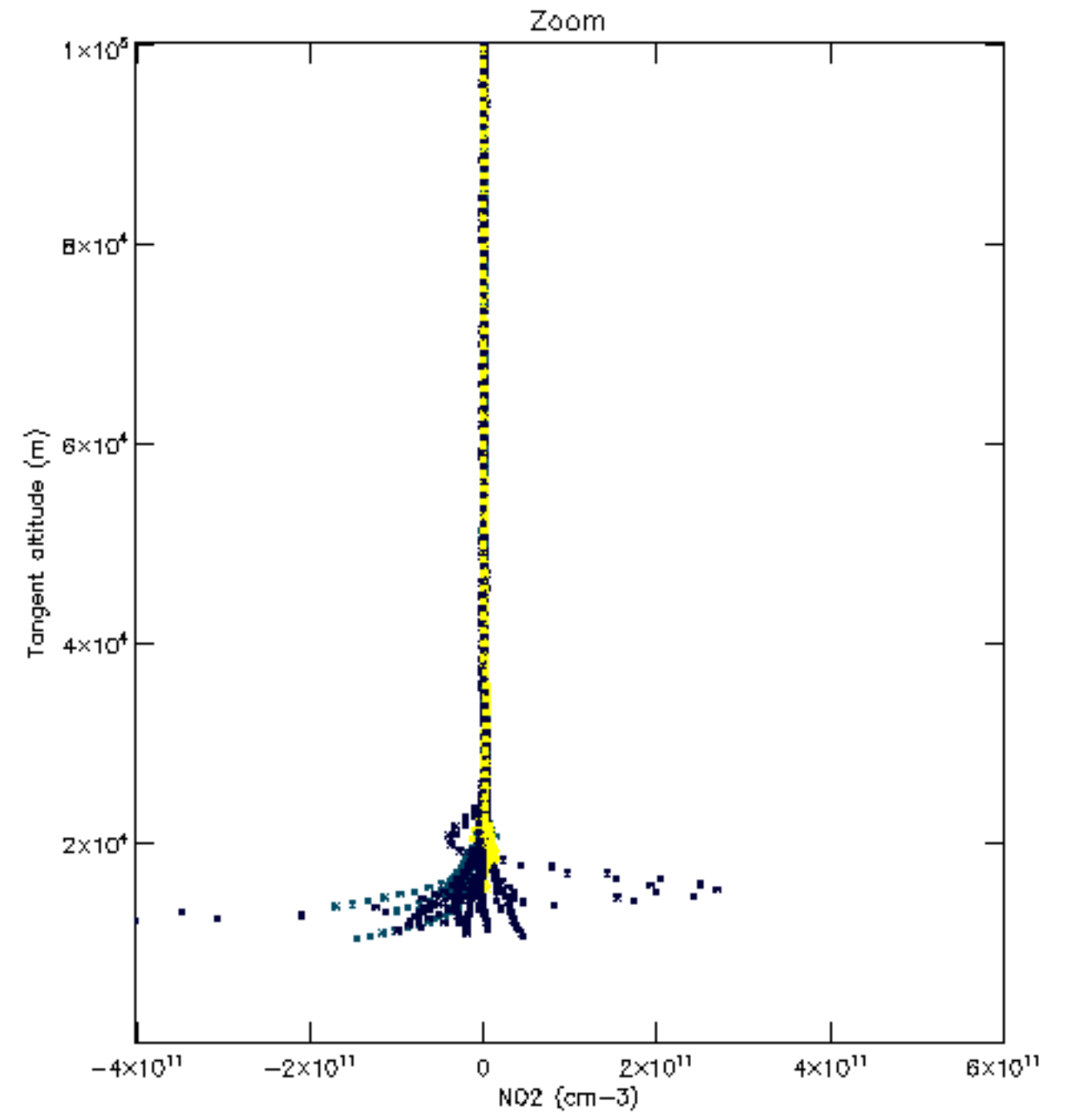
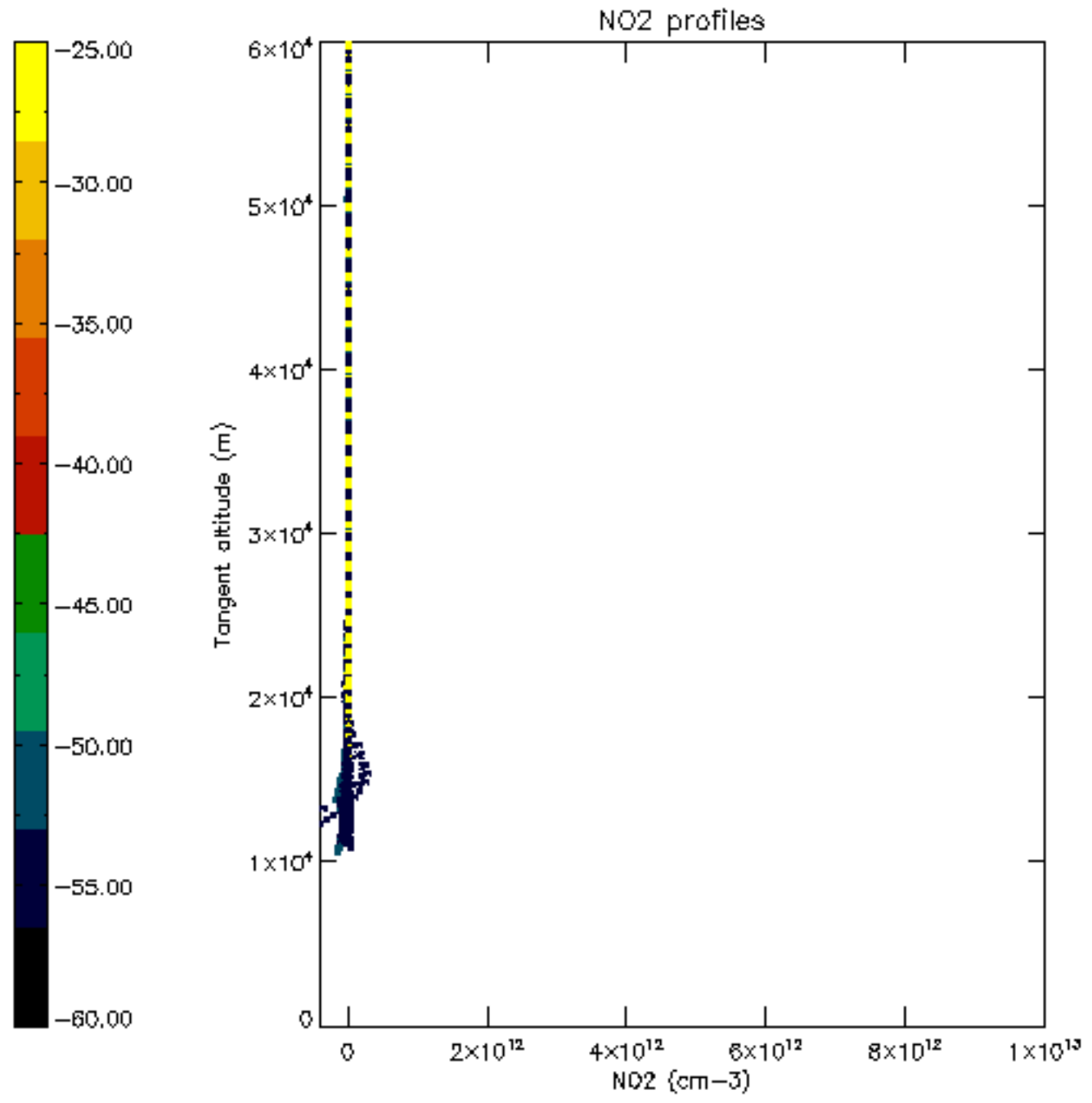


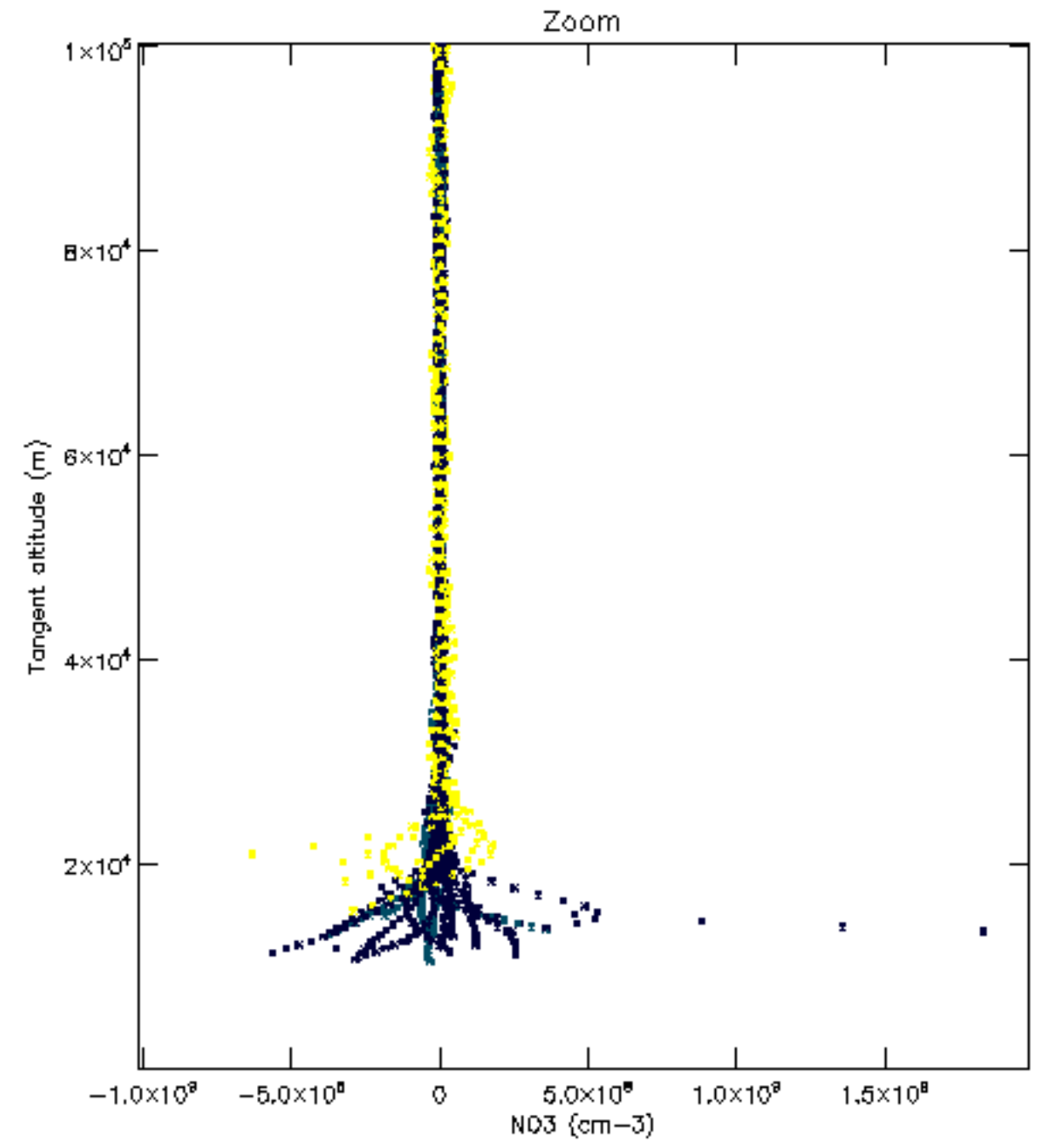
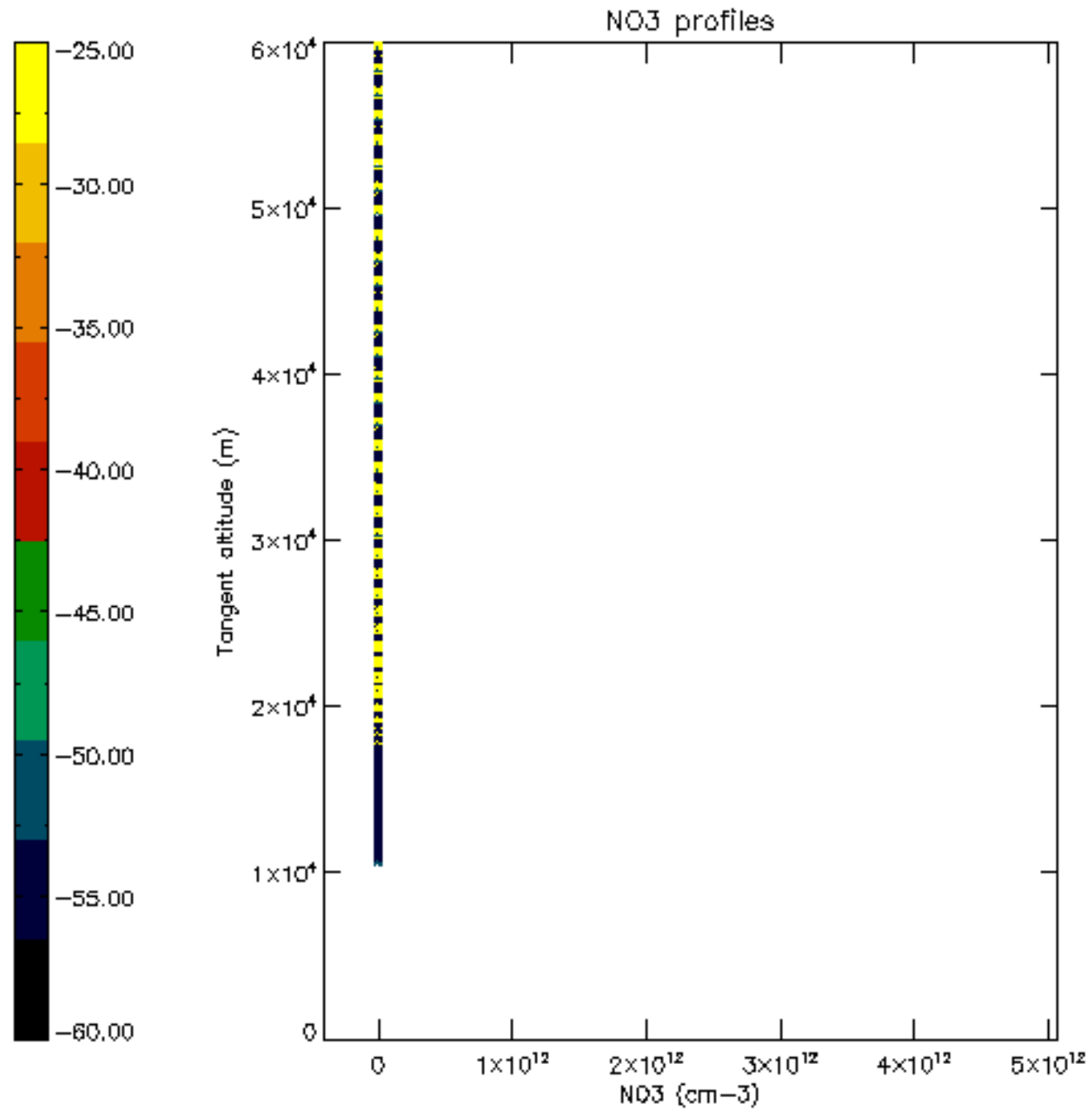


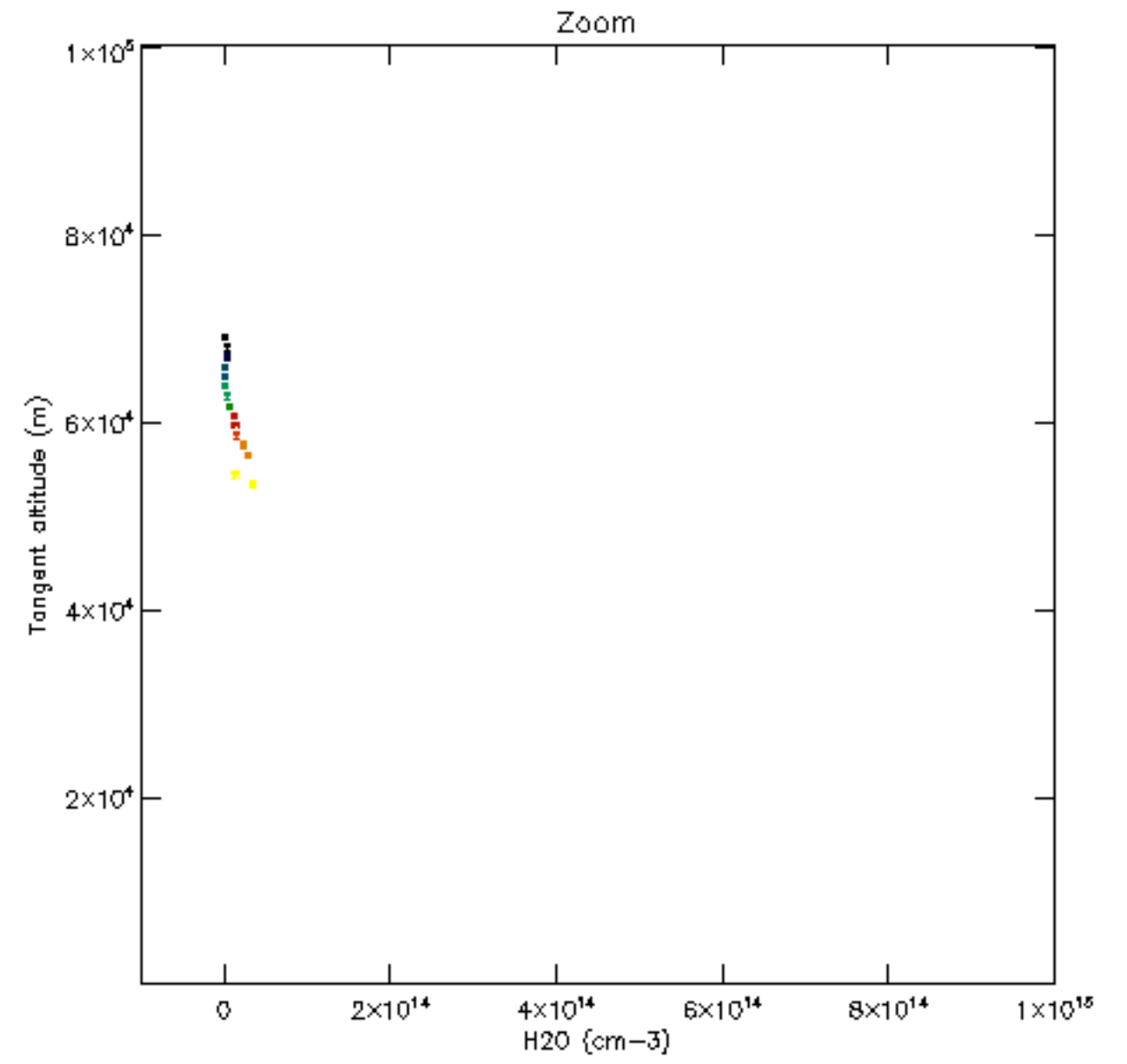
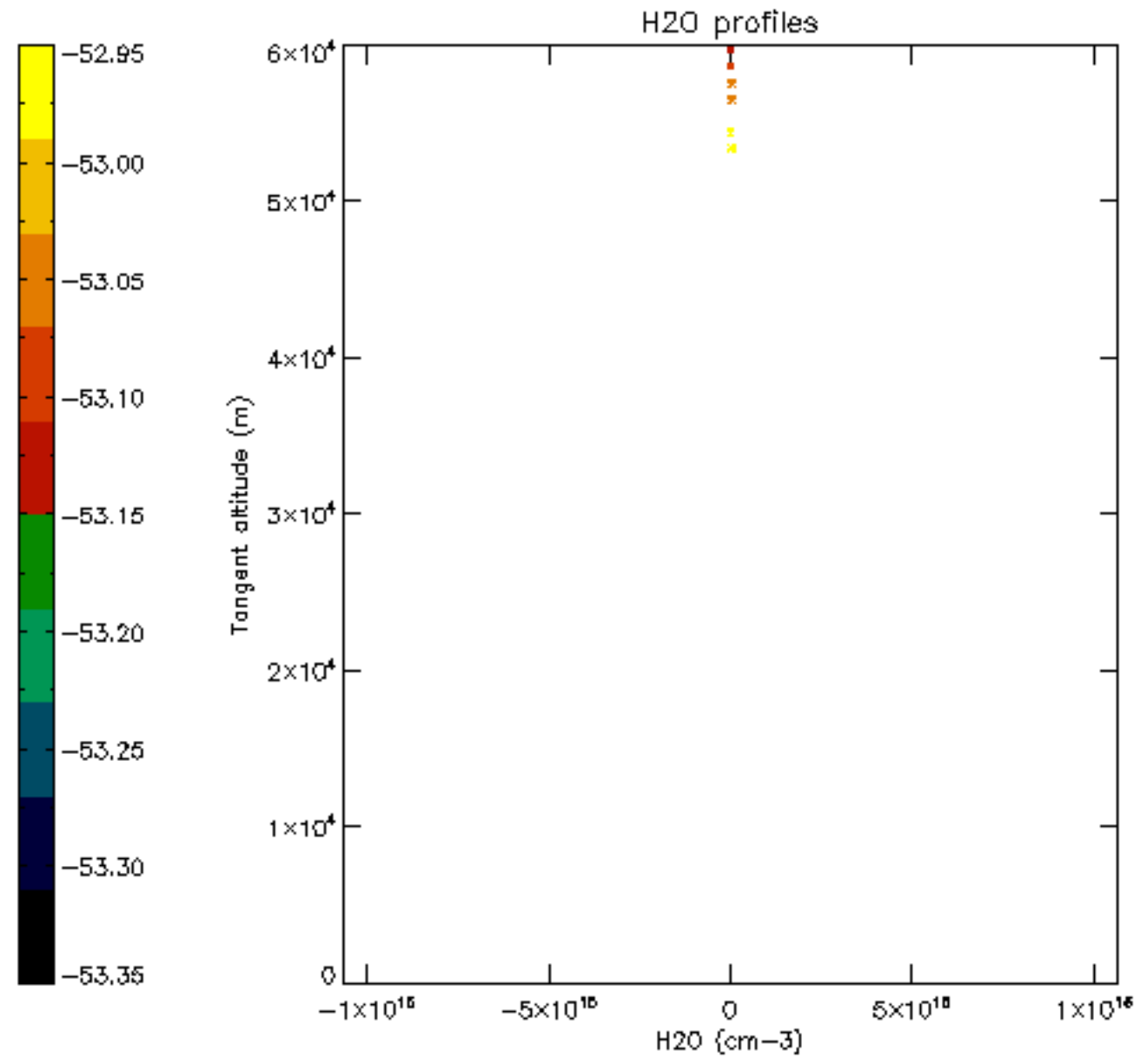


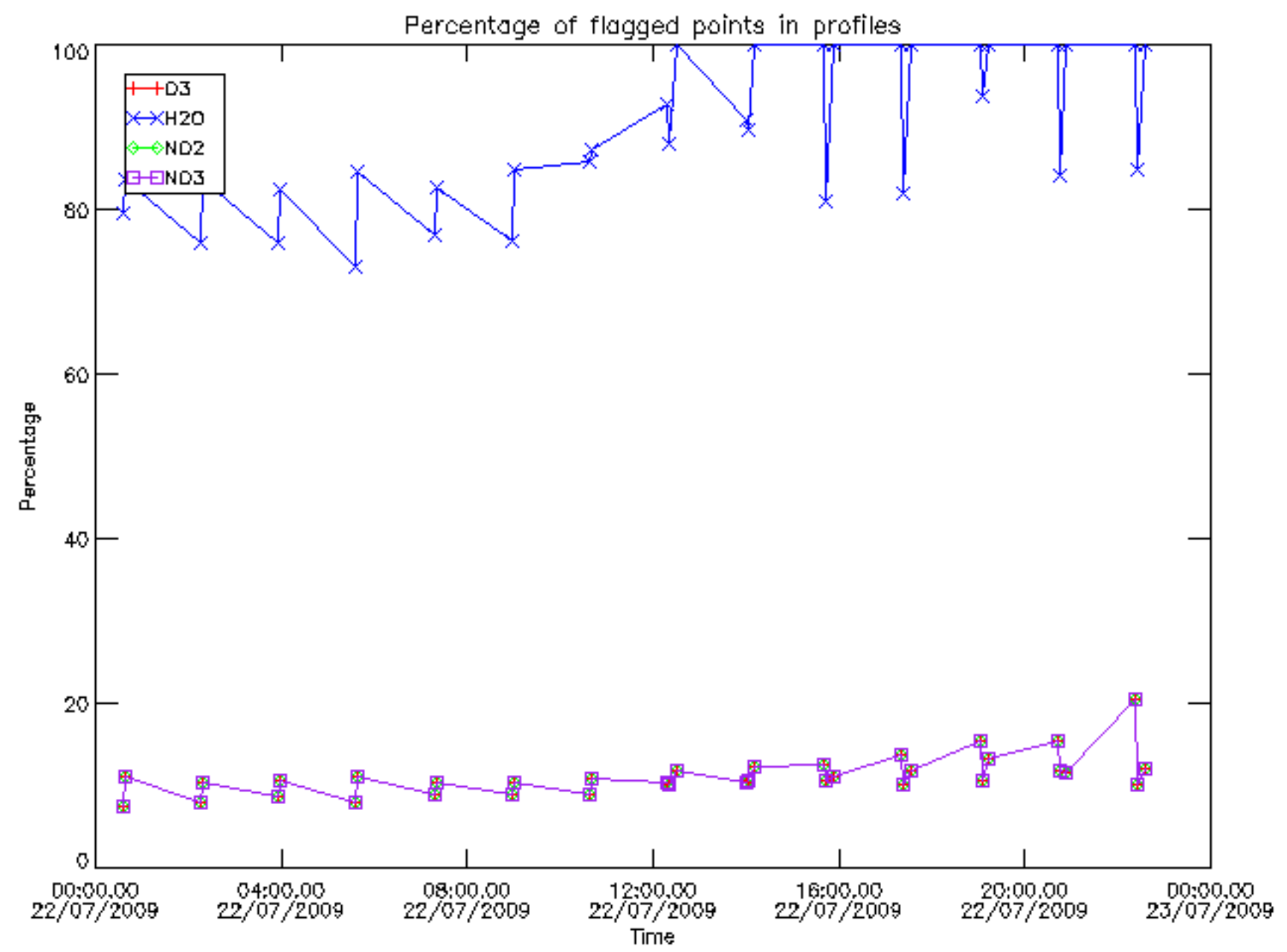




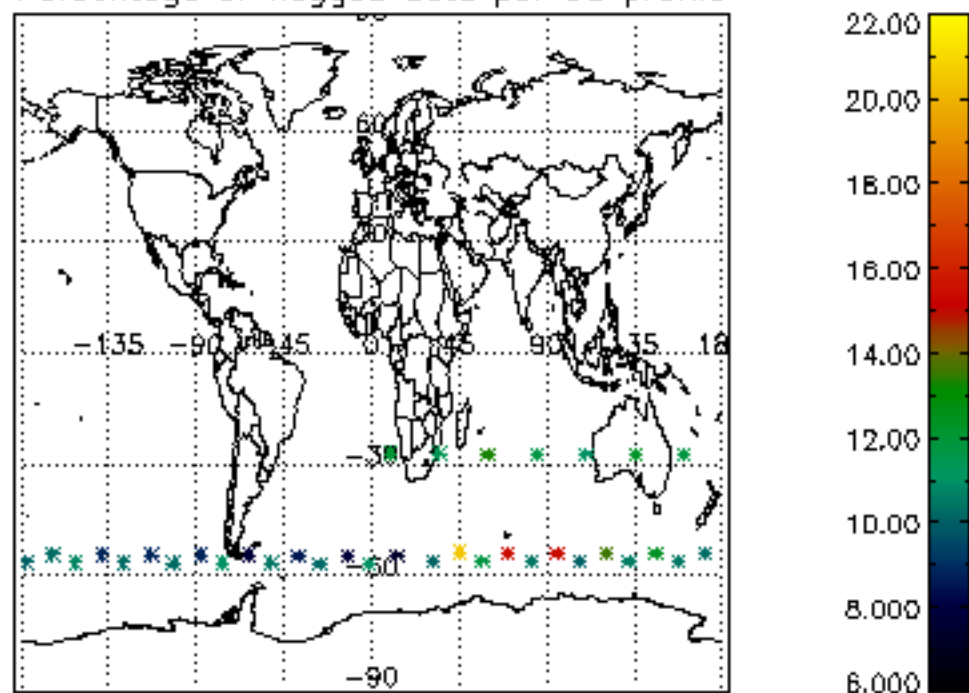




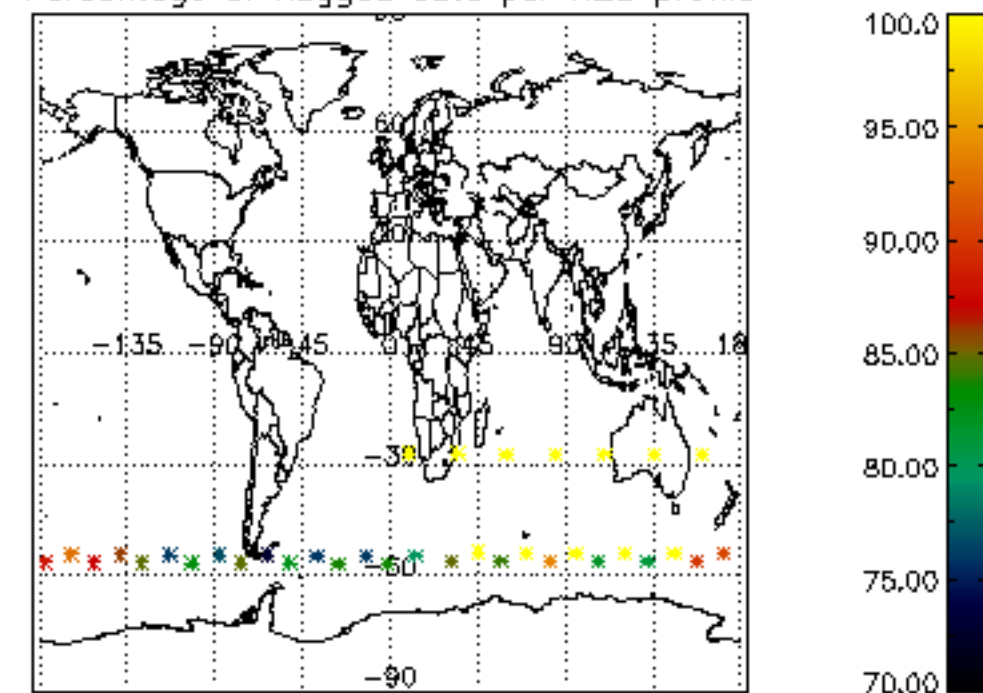




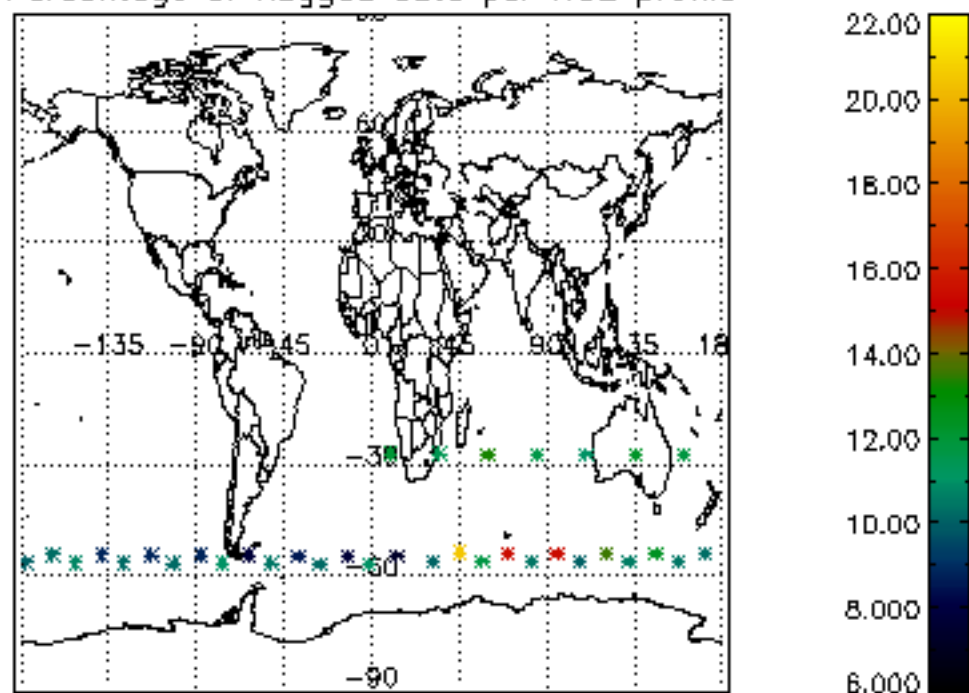
Percentage of flagged data per D3 profile



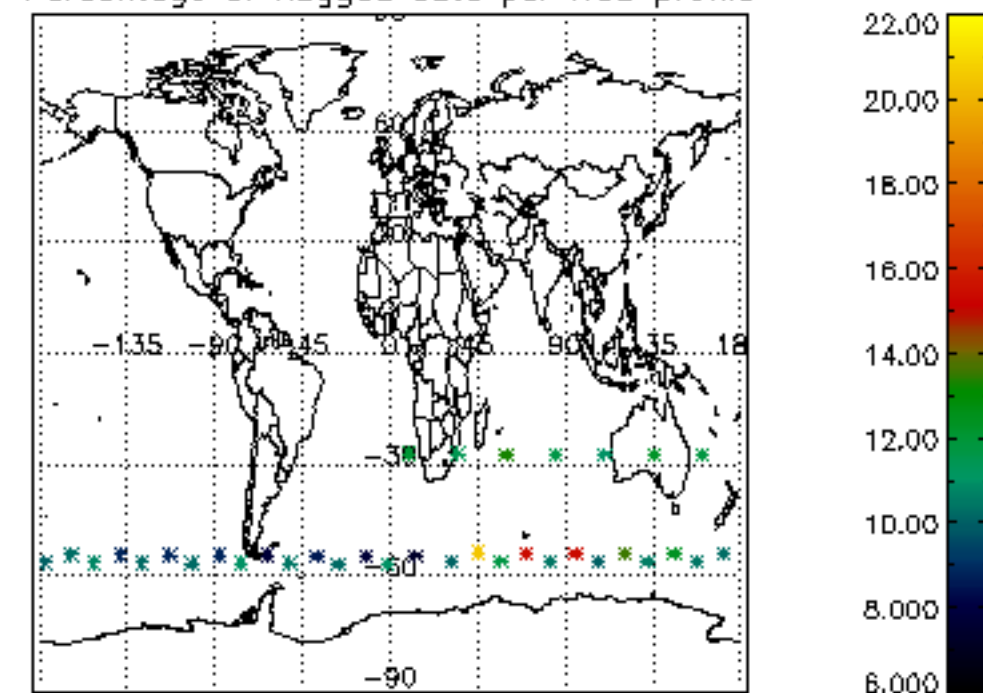
Percentage of flagged data per H2O profile

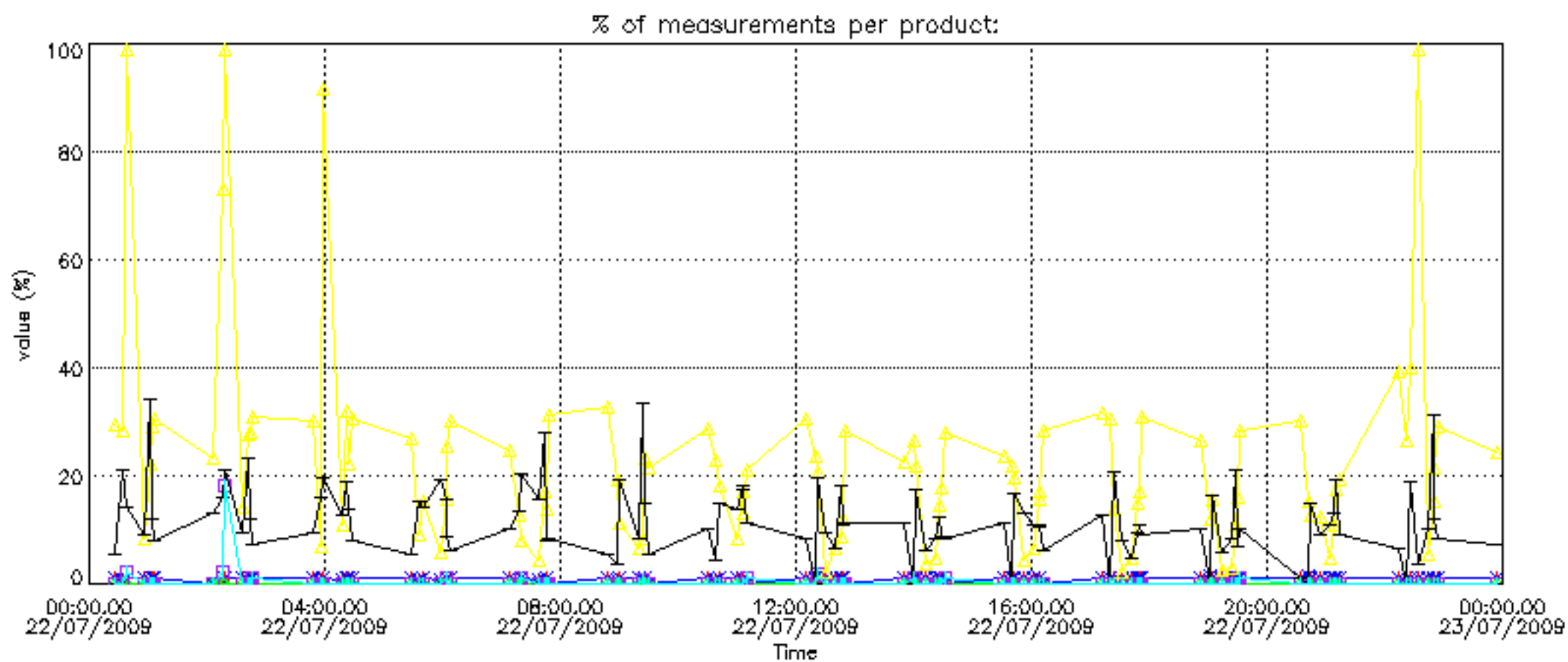


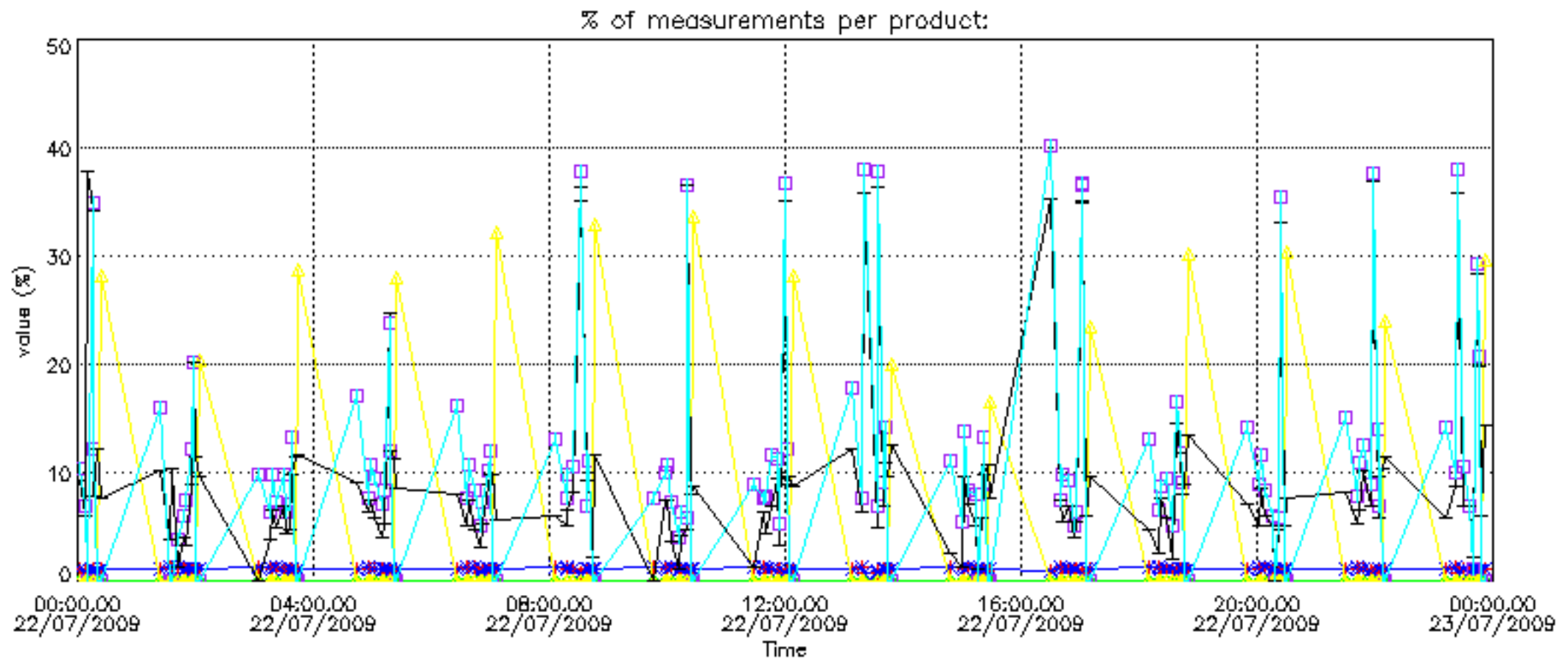
Percentage of flagged data per NO2 profile



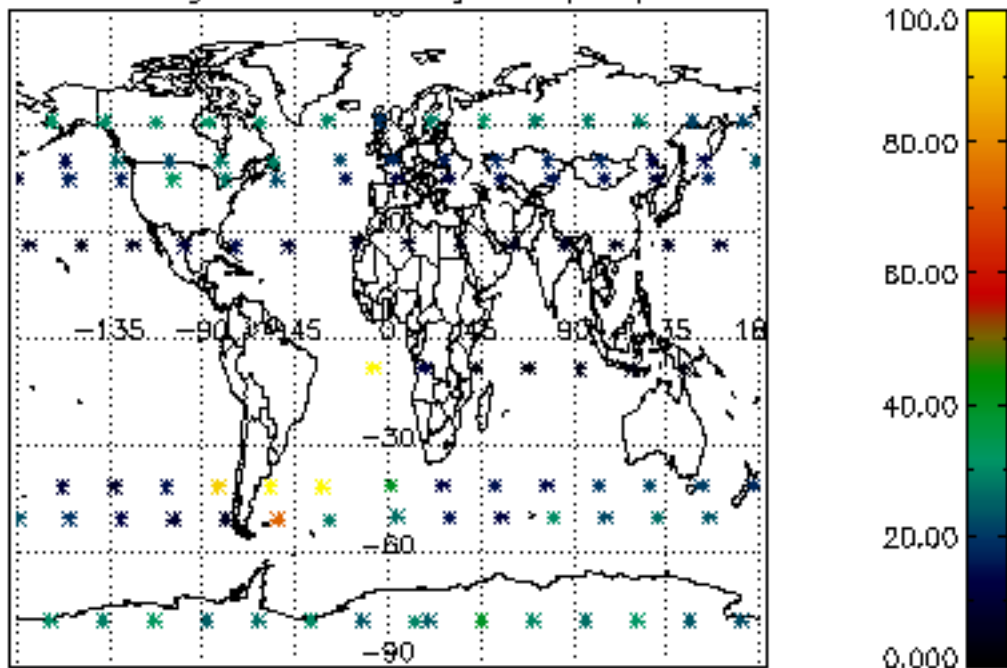
Percentage of flagged data per NO3 profile



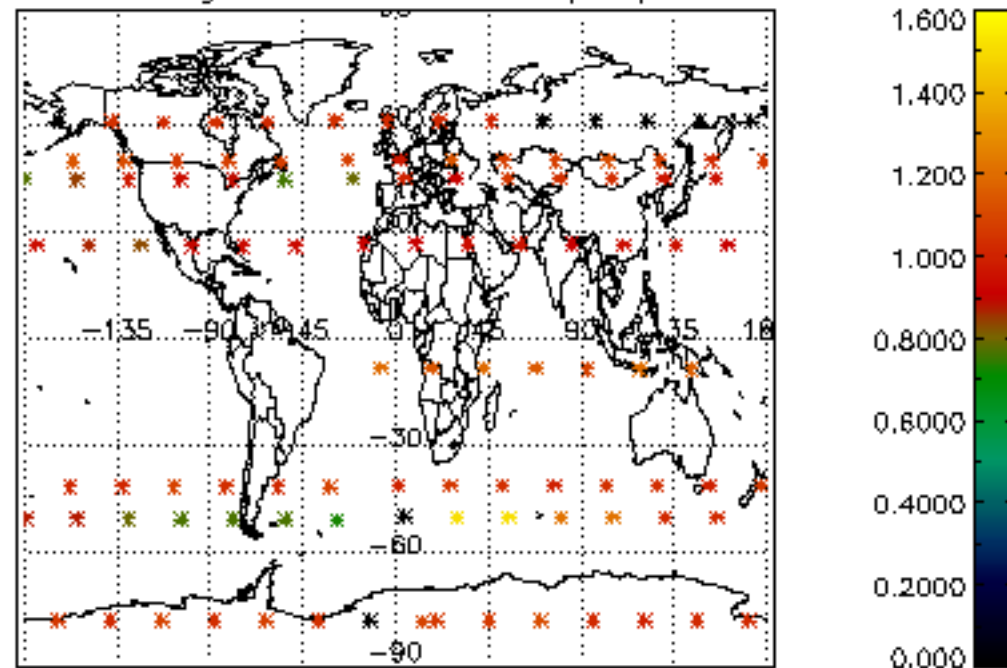




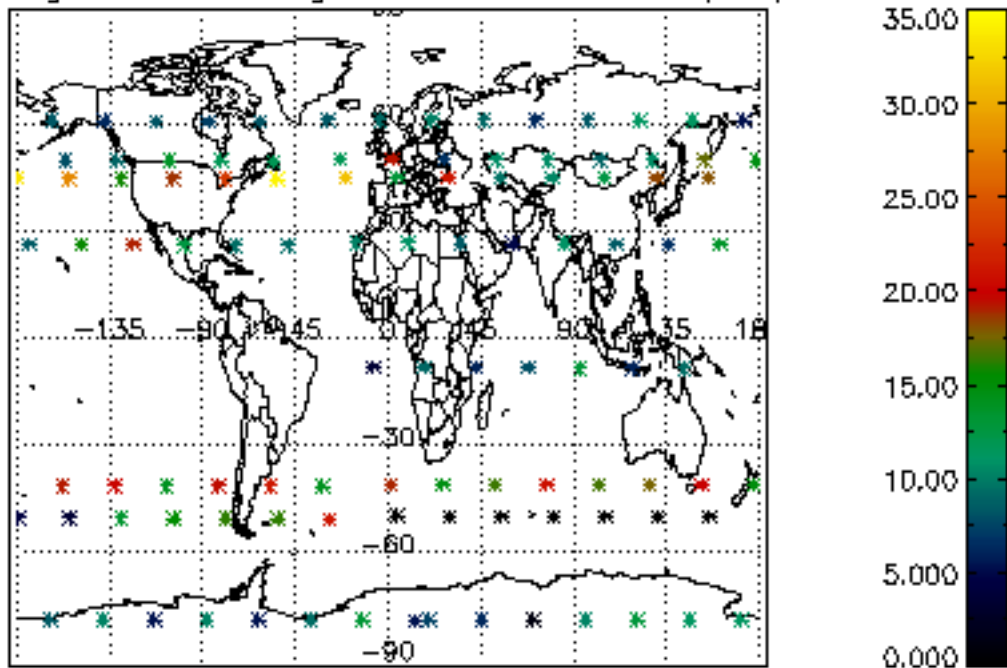
Percentage of cosmic ray hits per profile



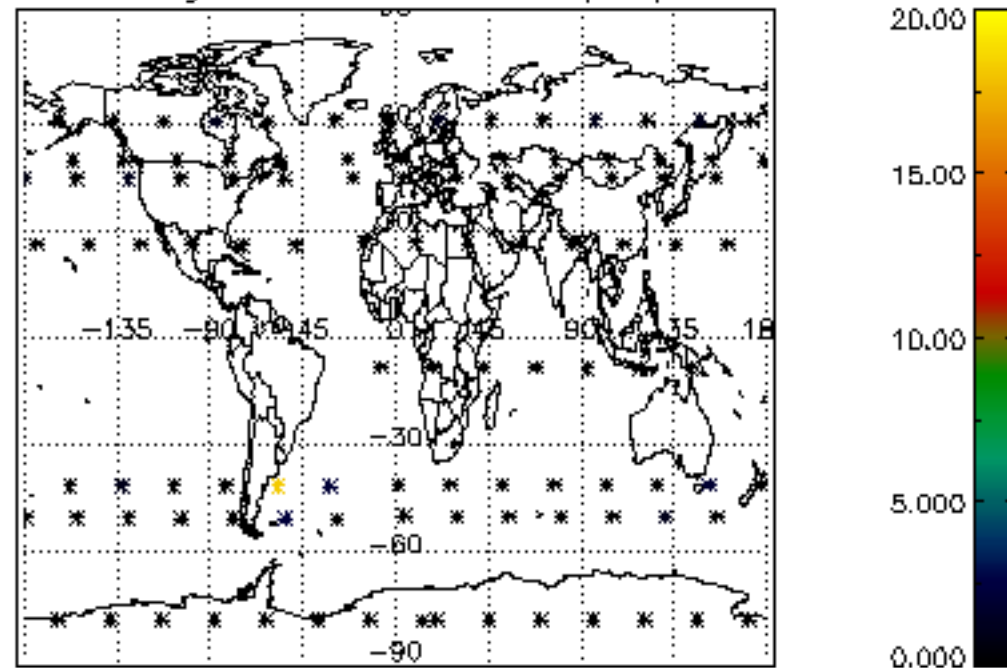
Percentage of datation errors per profile



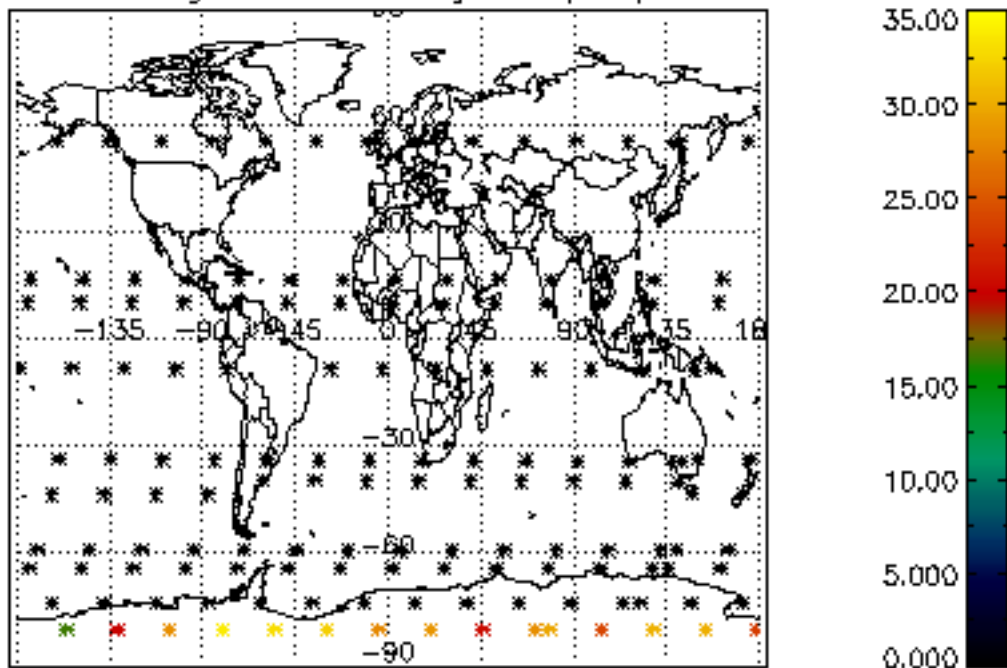
Percentage of star falling outside central band per profile



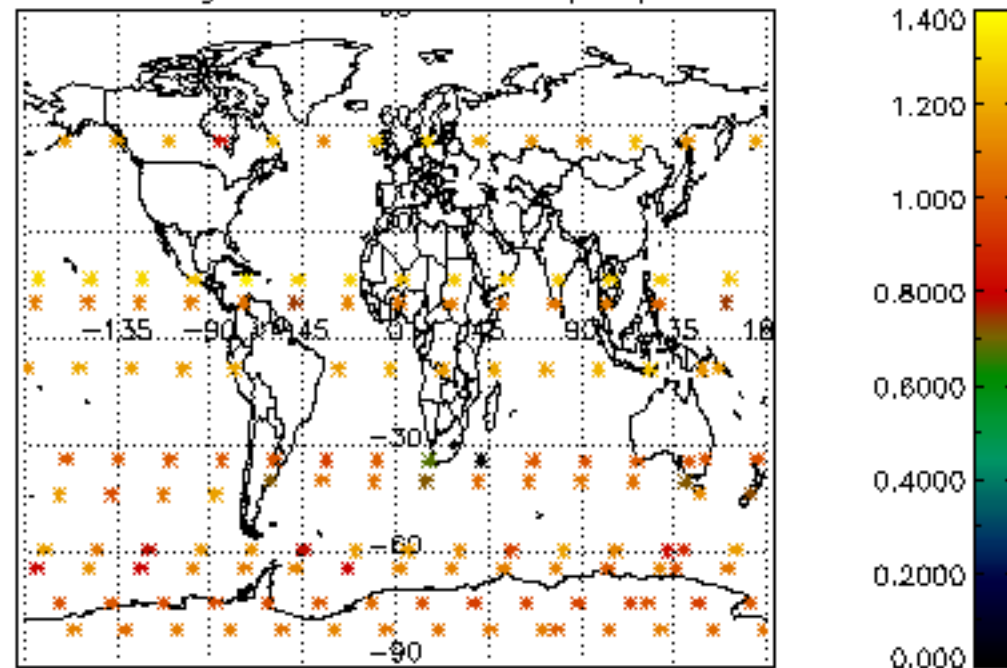
Percentage of saturation errors per profile



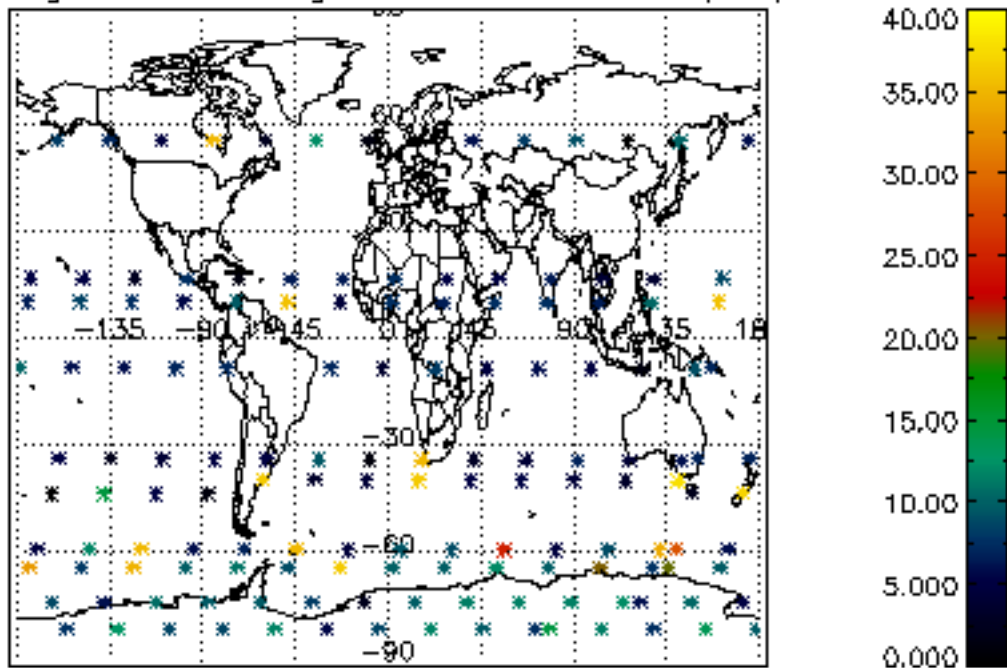
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

