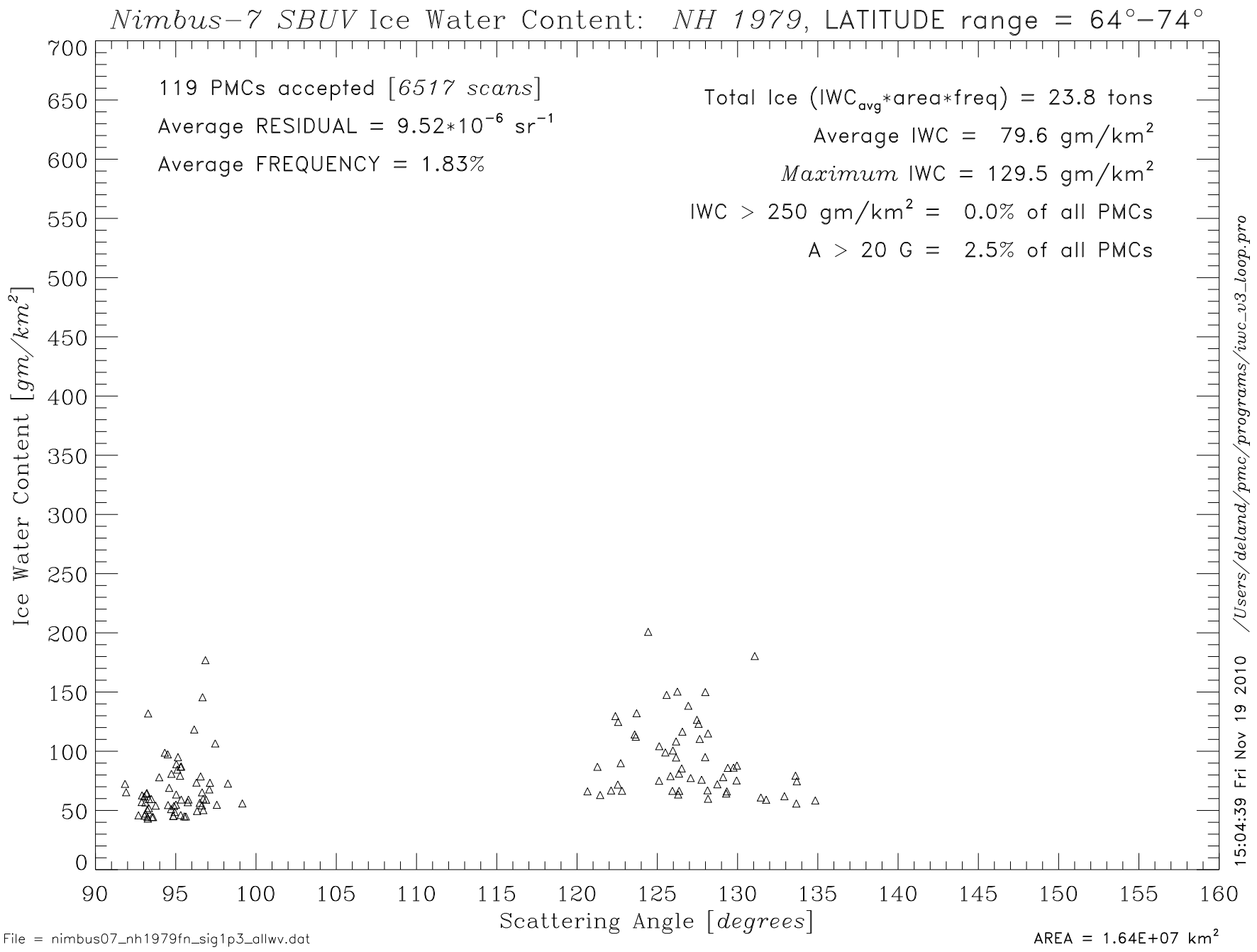
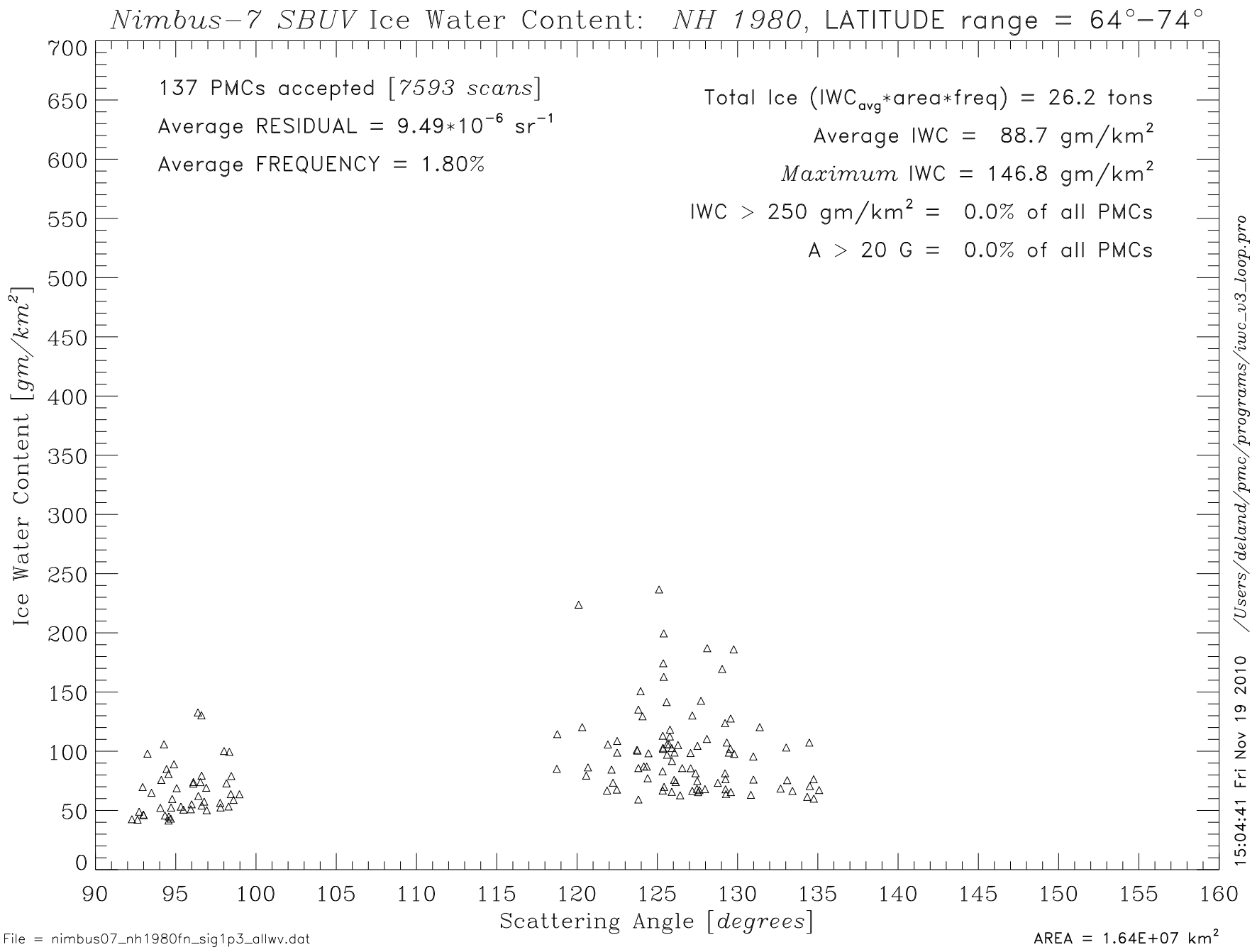
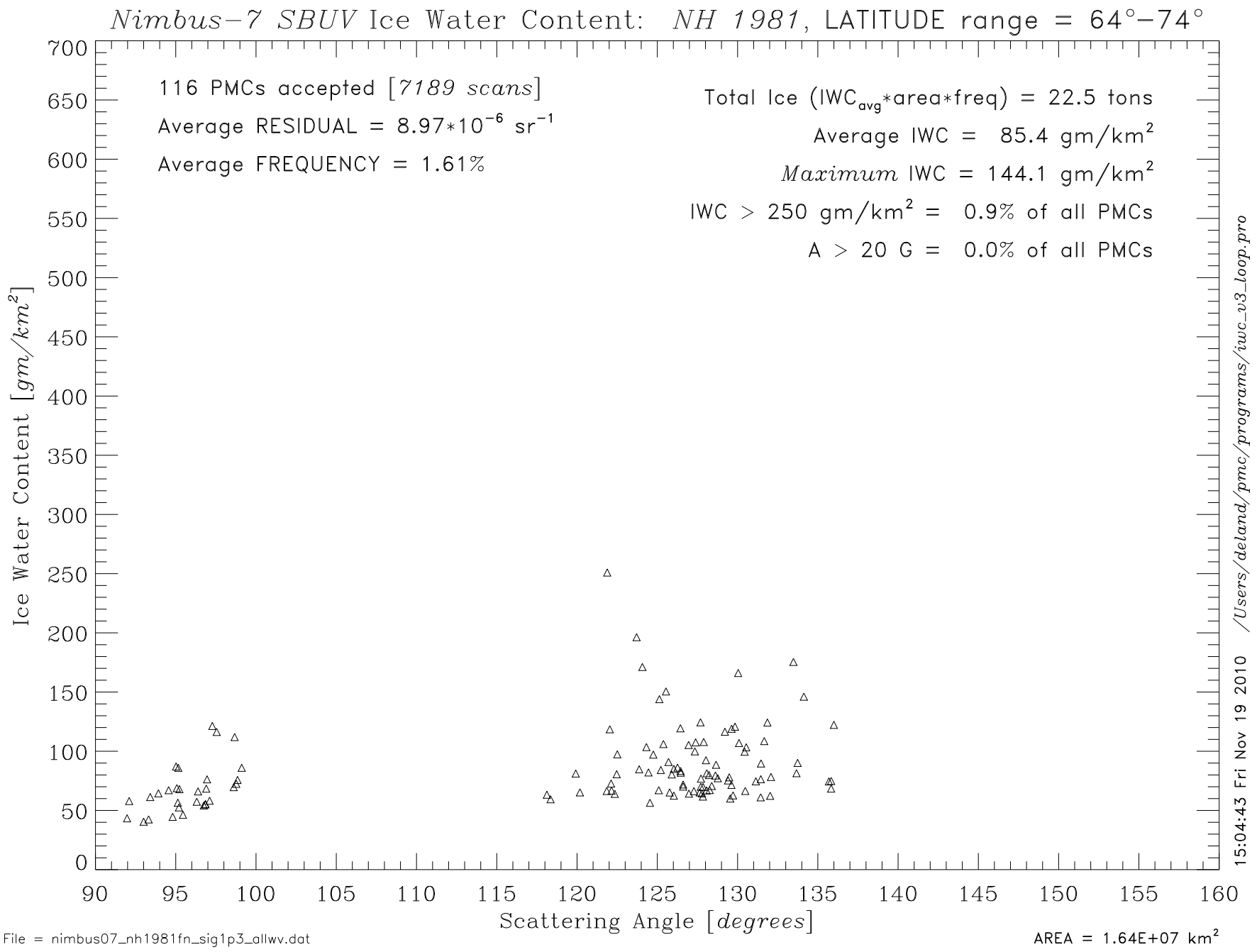
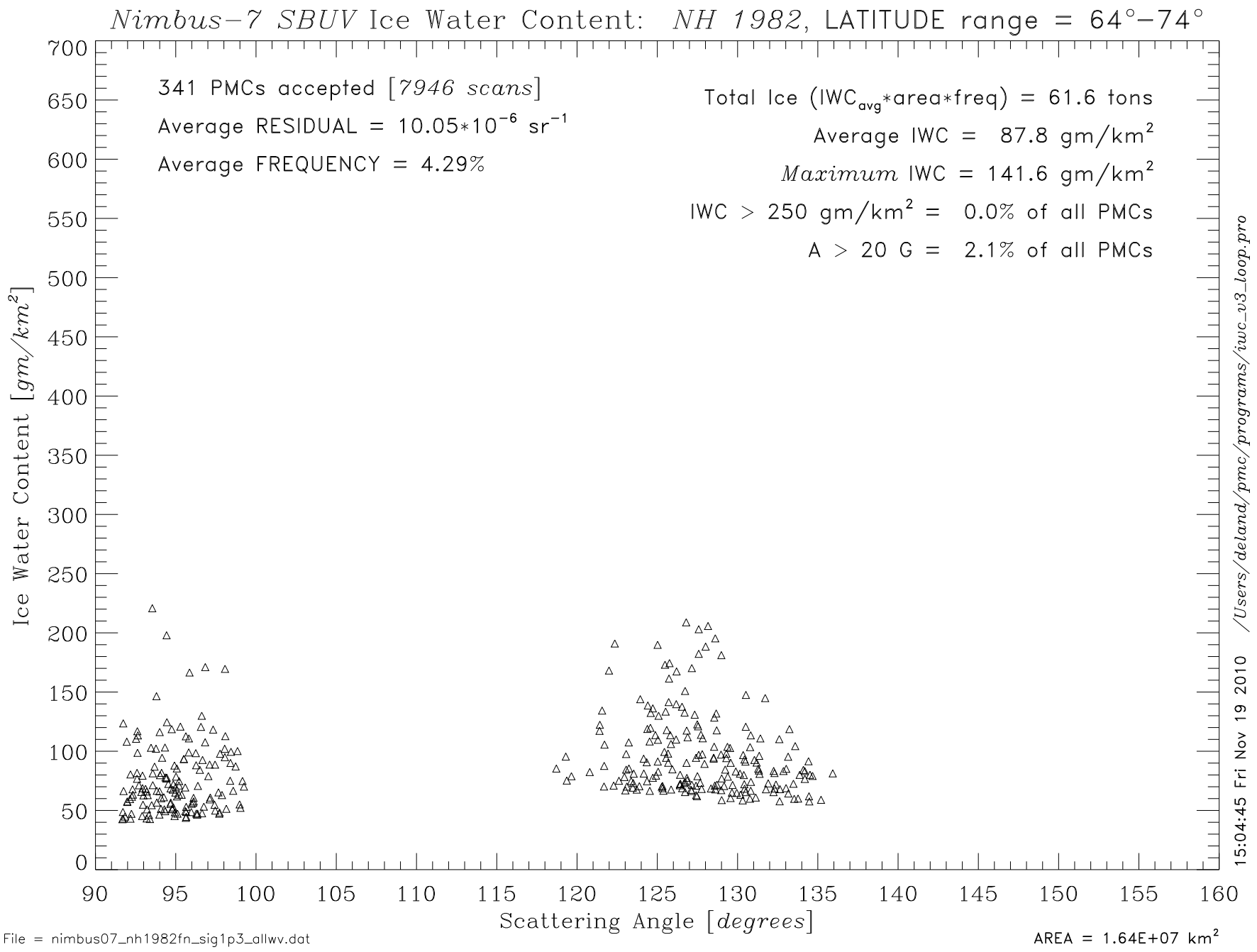
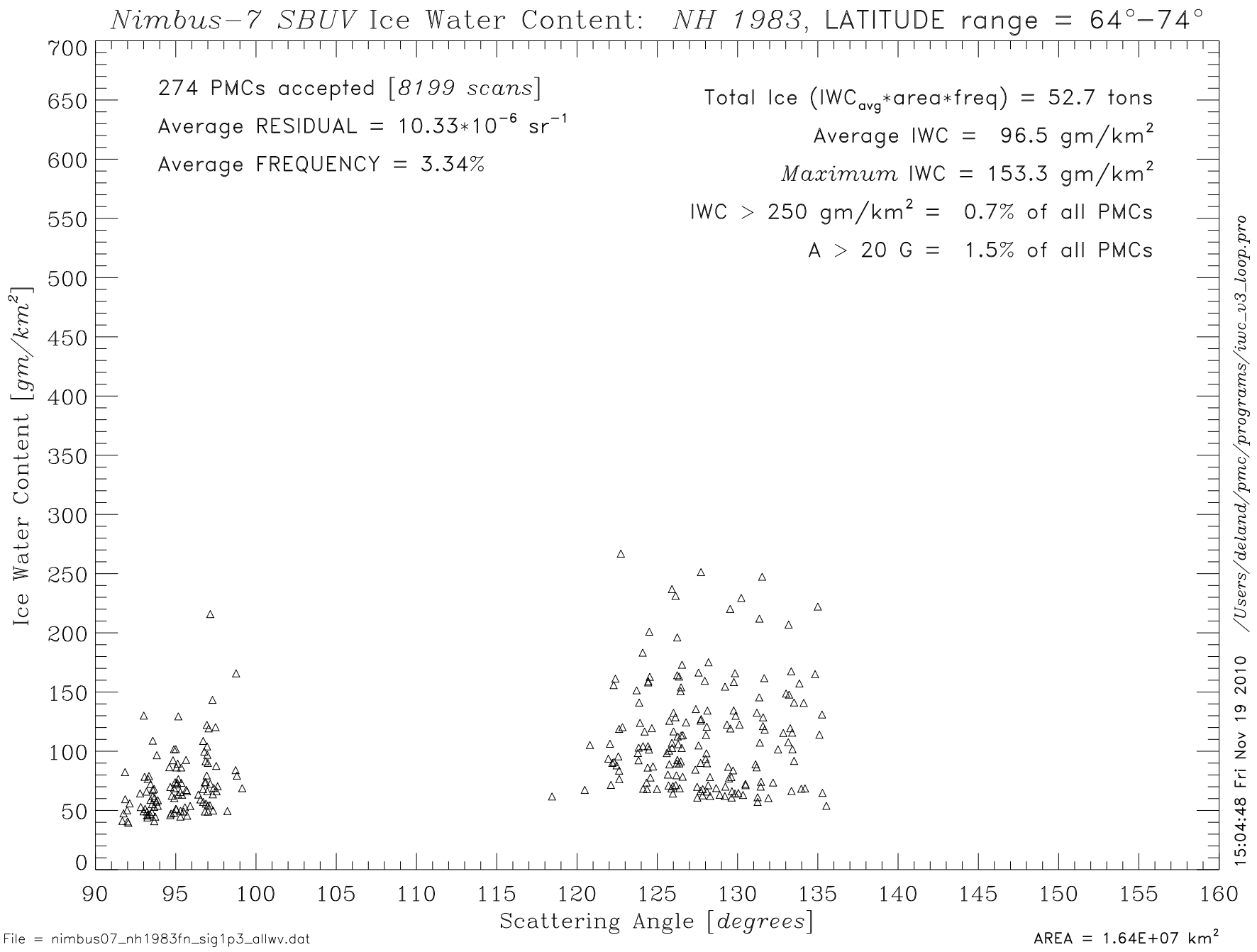
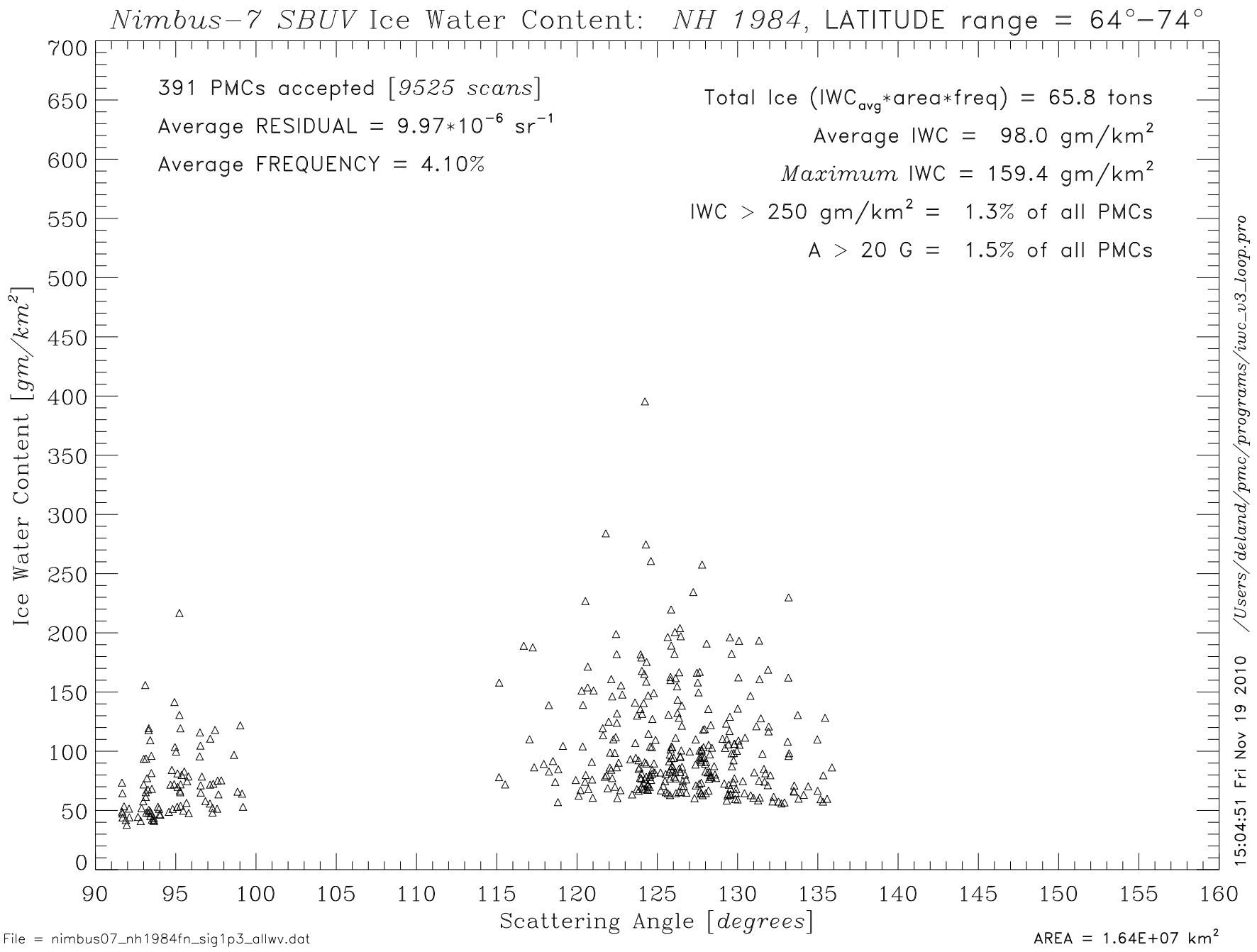

Nimbus−7 SBUV Ice Water Content: NH 1979, LATITUDE range = 64°−74°
119 PMCs accepted [6517 scans]
Average RESIDUAL = 9.52*10^-6 sr^-1
Average FREQUENCY = 1.83%
Total Ice (IWC_avg*area*freq) = 23.8 tons
Average IWC = 79.6 gm/km^2
Maximum IWC = 129.5 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 20 G = 2.5% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:04:39 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1979fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

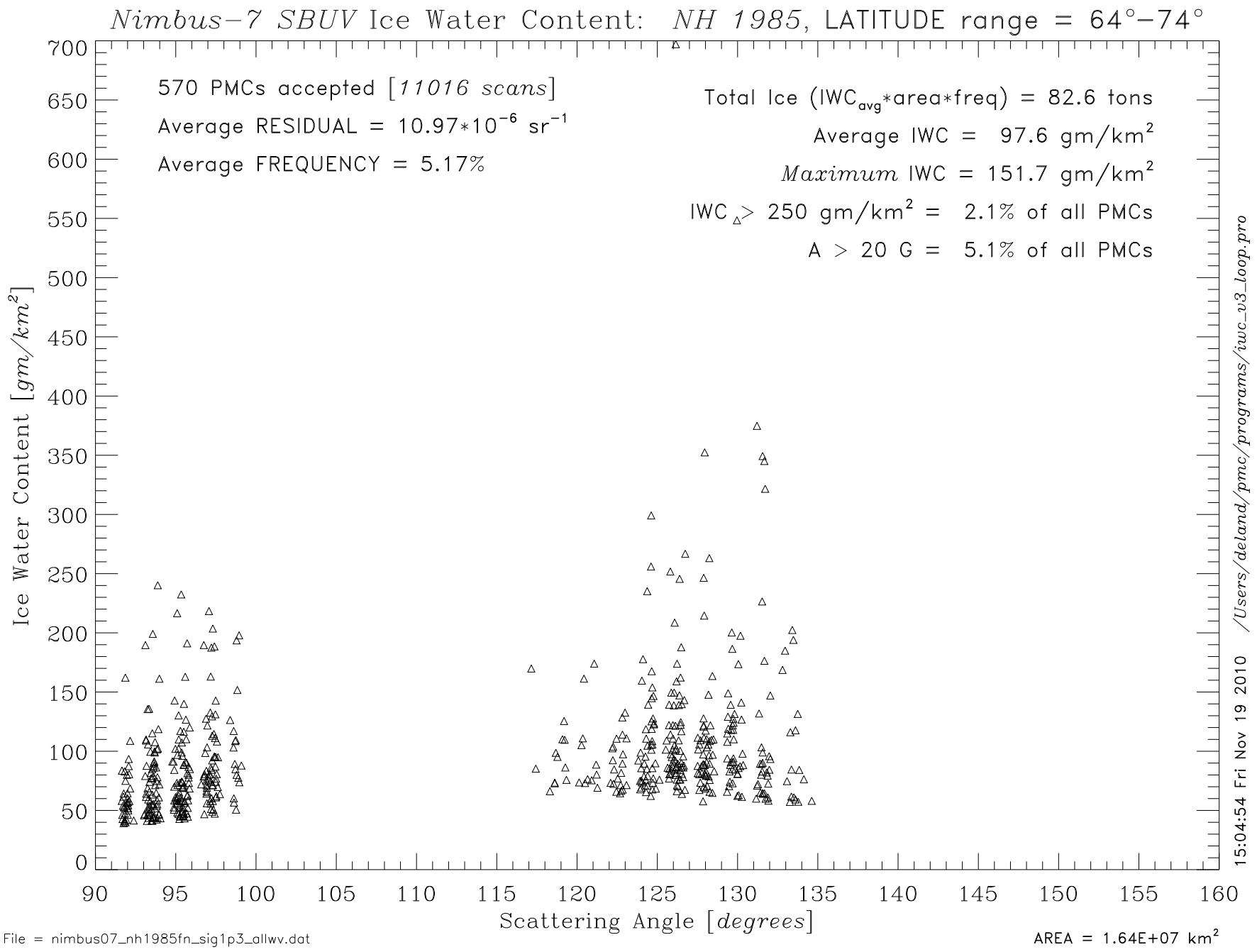

Nimbus−7 SBUV Ice Water Content: NH 1980, LATITUDE range = 64°−74°
137 PMCs accepted [7593 scans]
Average RESIDUAL = 9.49*10^-6 sr^-1
Average FREQUENCY = 1.80%
Total Ice (IWC_avg*area*freq) = 26.2 tons
Average IWC = 88.7 gm/km^2
Maximum IWC = 146.8 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 20 G = 0.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:04:41 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1980fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

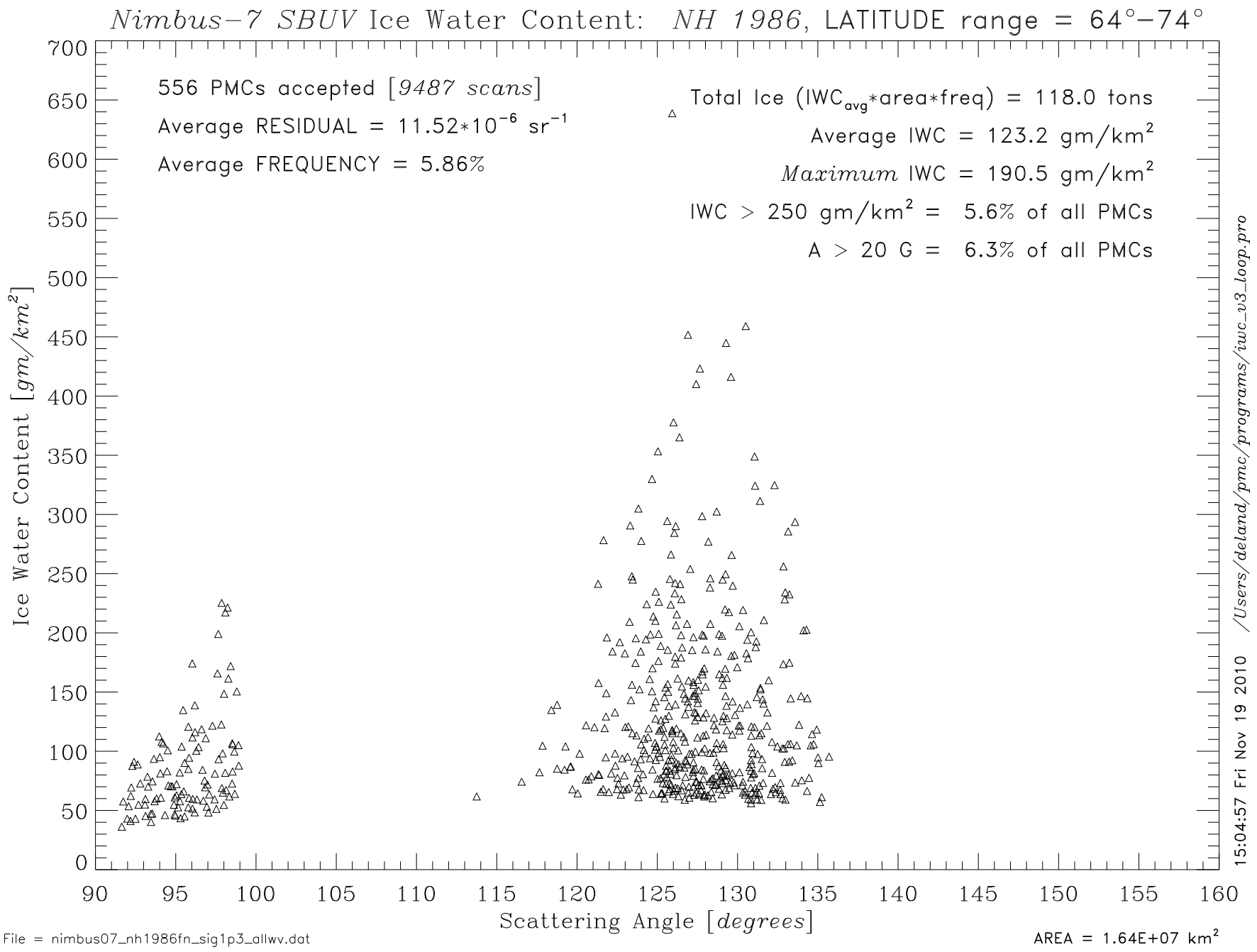

Nimbus−7 SBUV Ice Water Content: NH 1981, LATITUDE range = 64°−74°
116 PMCs accepted [7189 scans]
Average RESIDUAL = 8.97*10^-6 sr^-1
Average FREQUENCY = 1.61%
Total Ice (IWC_avg*area*freq) = 22.5 tons
Average IWC = 85.4 gm/km^2
Maximum IWC = 144.1 gm/km^2
IWC > 250 gm/km^2 = 0.9% of all PMCs
A > 20 G = 0.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:04:43 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1981fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

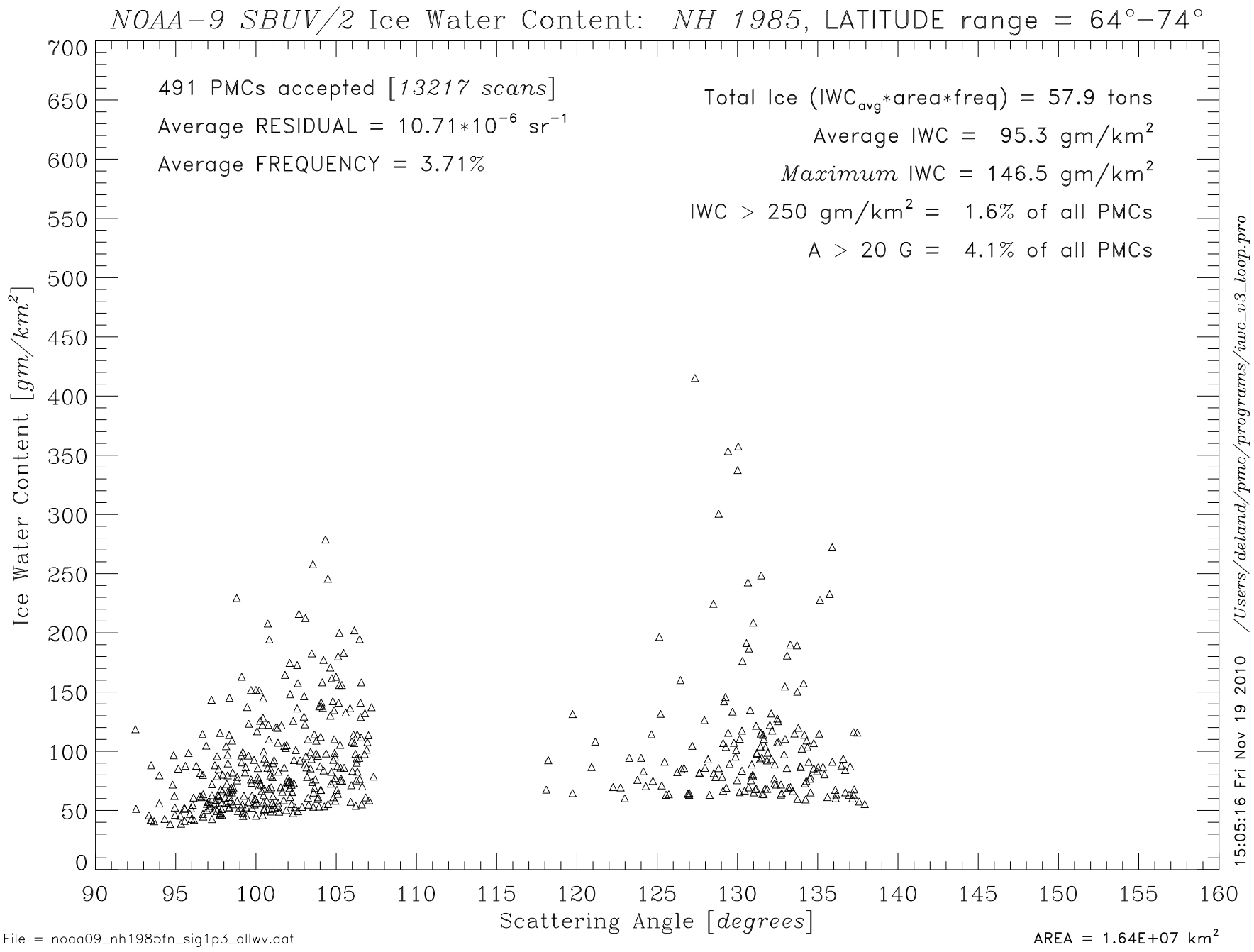

Nimbus−7 SBUV Ice Water Content: NH 1982, LATITUDE range = 64°−74°
341 PMCs accepted [7946 scans]
Average RESIDUAL = 10.05∗10^−6 sr^−1
Average FREQUENCY = 4.29%
Total Ice (IWC_avg∗area∗freq) = 61.6 tons
Average IWC = 87.8 gm/km²
Maximum IWC = 141.6 gm/km²
IWC > 250 gm/km² = 0.0% of all PMCs
A > 20 G = 2.1% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:04:45 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1982fn_sig1p3_allwv.dat
AREA = 1.64E+07 km²

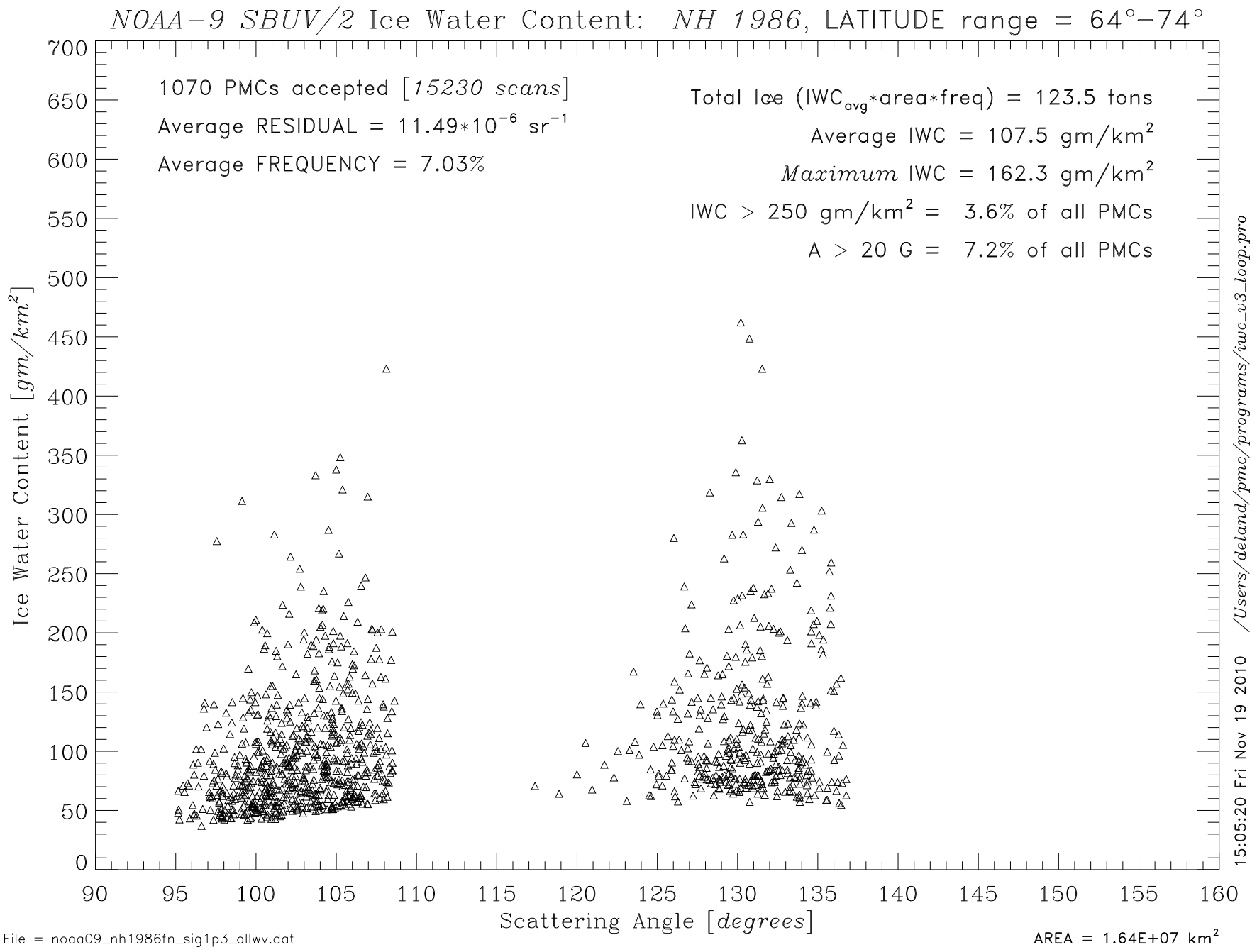

Nimbus−7 SBUV Ice Water Content: NH 1983, LATITUDE range = 64°−74°
274 PMCs accepted [8199 scans]
Average RESIDUAL = 10.33∗10^−6 sr^−1
Average FREQUENCY = 3.34%
Total Ice (IWC_avg∗area∗freq) = 52.7 tons
Average IWC = 96.5 gm/km^2
Maximum IWC = 153.3 gm/km^2
IWC > 250 gm/km^2 = 0.7% of all PMCs
A > 20 G = 1.5% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:04:48 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1983fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

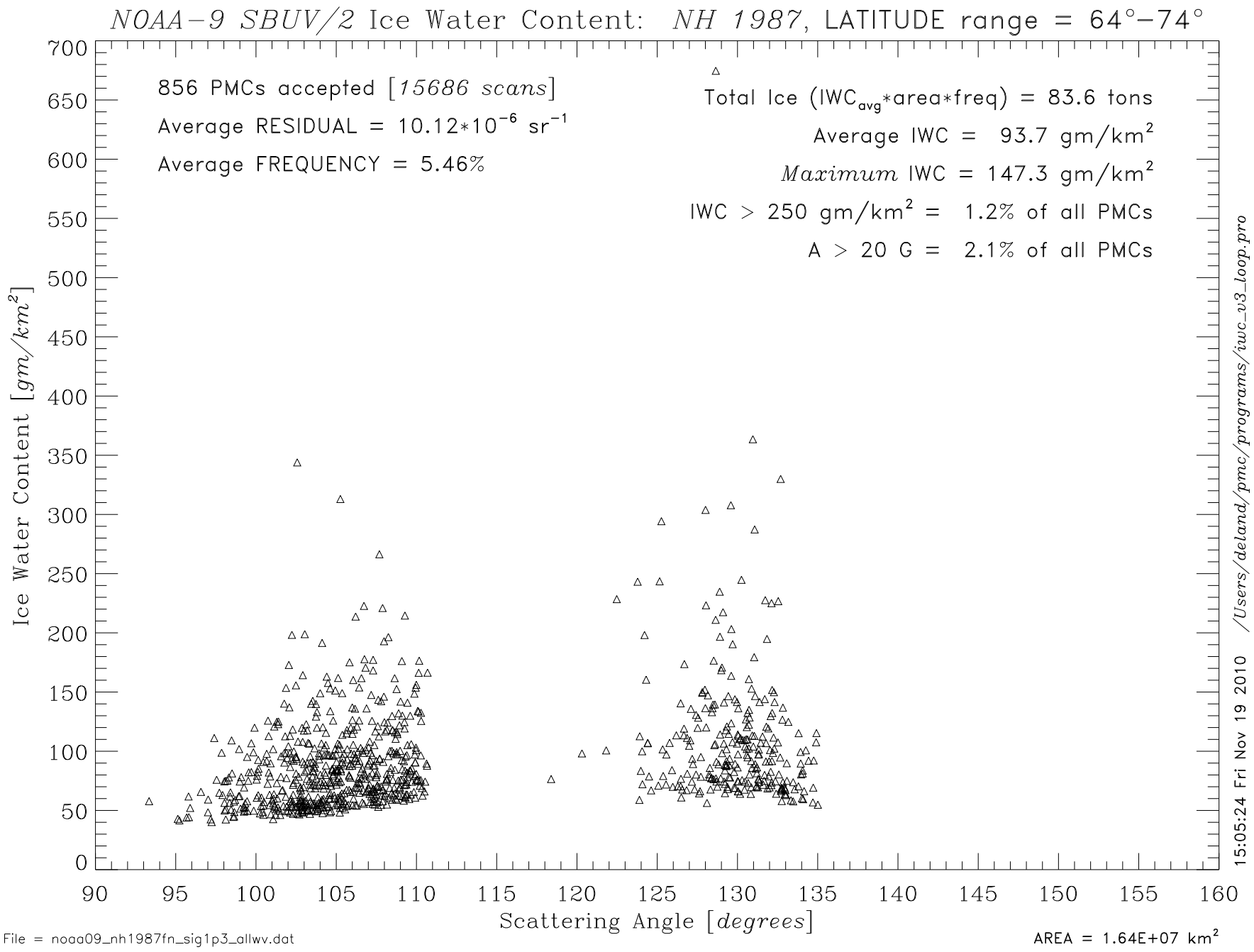

Nimbus−7 SBUV Ice Water Content: NH 1984, LATITUDE range = 64°−74°
391 PMCs accepted [9525 scans]
Average RESIDUAL = 9.97*10^-6 sr^-1
Average FREQUENCY = 4.10%
Total Ice (IWC_avg*area*freq) = 65.8 tons
Average IWC = 98.0 gm/km^2
Maximum IWC = 159.4 gm/km^2
IWC > 250 gm/km^2 = 1.3% of all PMCs
A > 20 G = 1.5% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:04:51 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1984fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

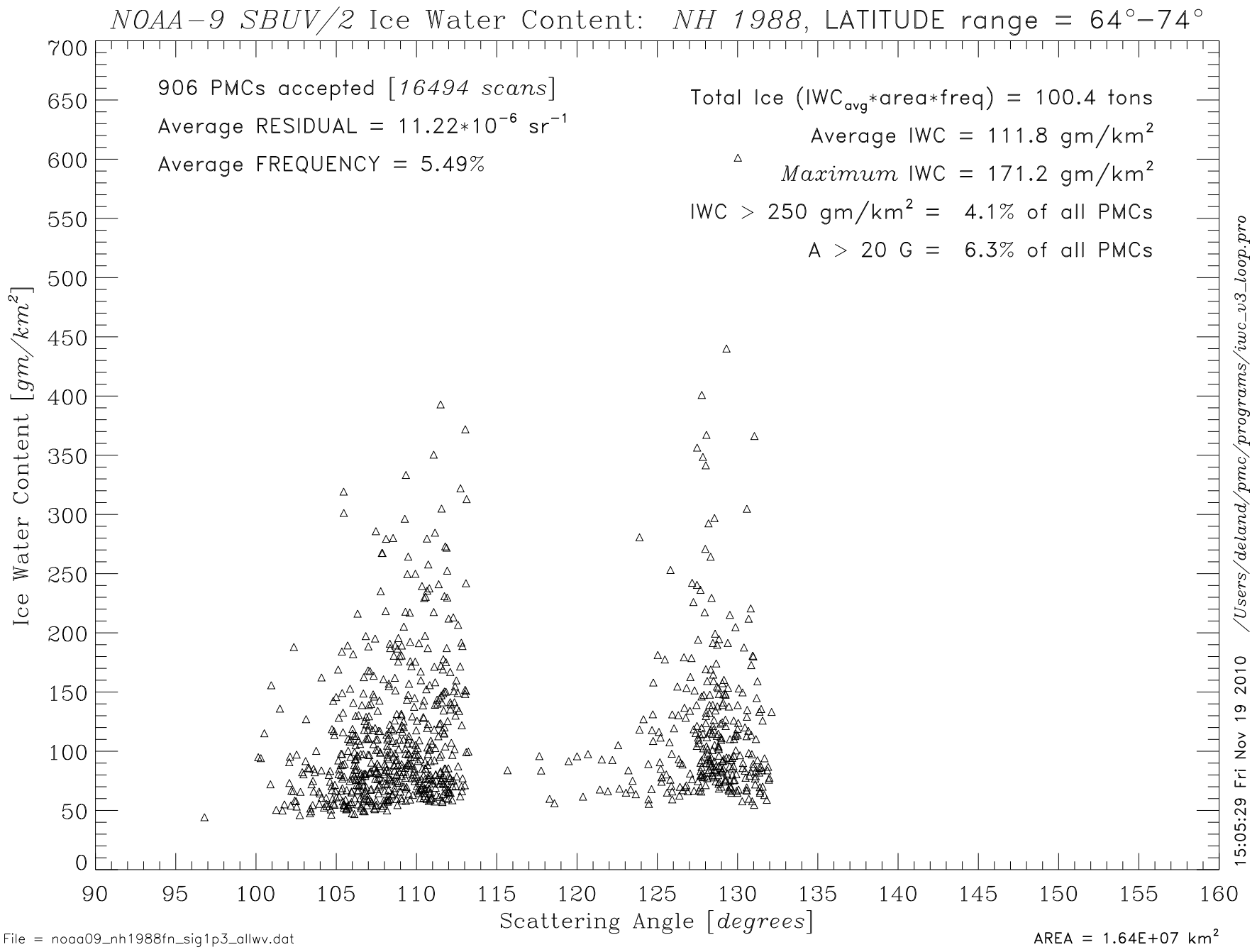

Nimbus−7 SBUV Ice Water Content: NH 1985, LATITUDE range = 64°−74°
570 PMCs accepted [11016 scans]
Average RESIDUAL = 10.97∗10^−6 sr^−1
Average FREQUENCY = 5.17%
Total Ice (IWC_avg∗area∗freq) = 82.6 tons
Average IWC = 97.6 gm/km^2
Maximum IWC = 151.7 gm/km^2
IWC > 250 gm/km^2 = 2.1% of all PMCs
A > 20 G = 5.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:04:54 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1985fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

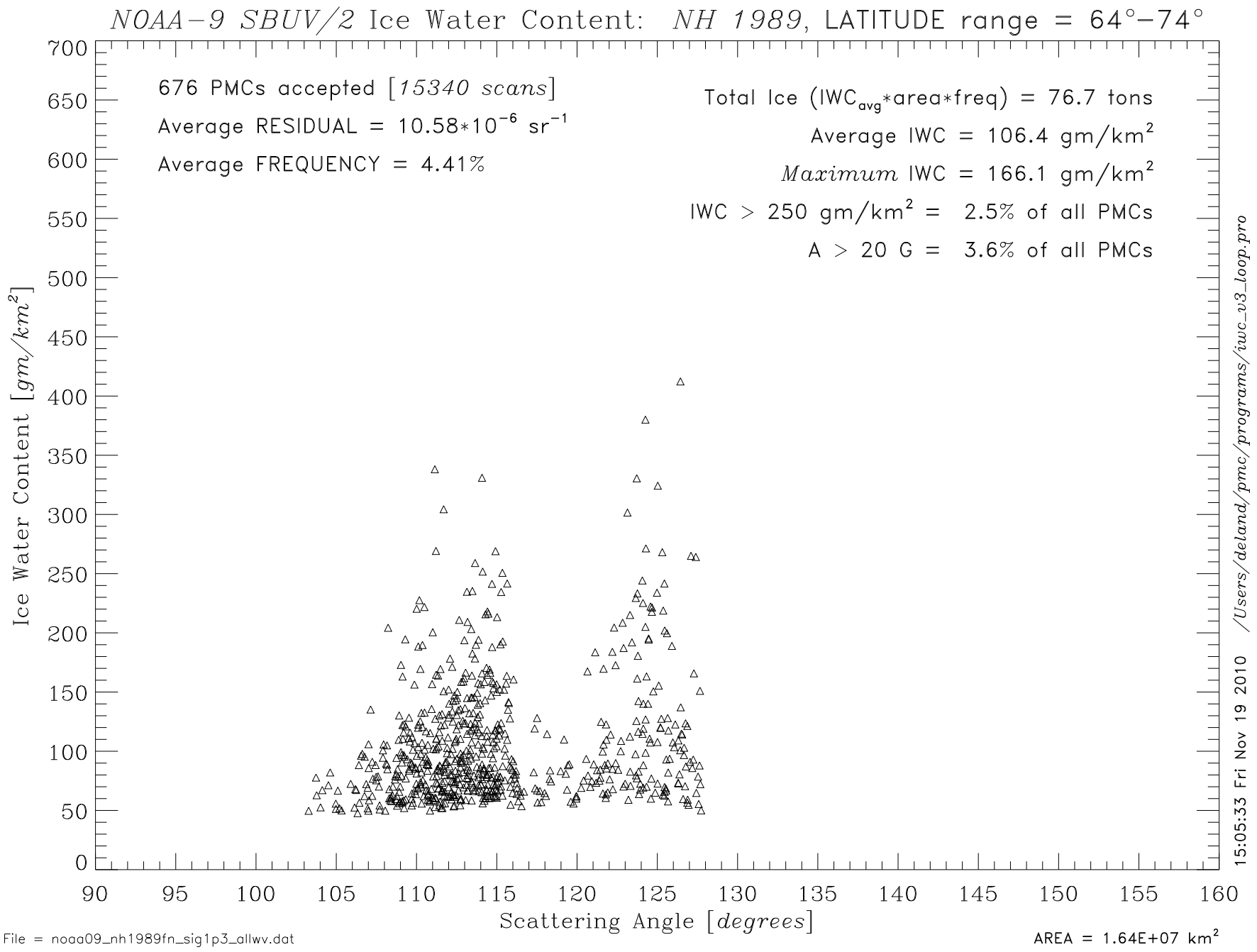

Nimbus−7 SBUV Ice Water Content: NH 1986, LATITUDE range = 64°−74°
556 PMCs accepted [9487 scans]
Average RESIDUAL = 11.52*10^-6 sr^-1
Average FREQUENCY = 5.86%
Total Ice (IWC_avg*area*freq) = 118.0 tons
Average IWC = 123.2 gm/km^2
Maximum IWC = 190.5 gm/km^2
IWC > 250 gm/km^2 = 5.6% of all PMCs
A > 20 G = 6.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:04:57 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1986fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

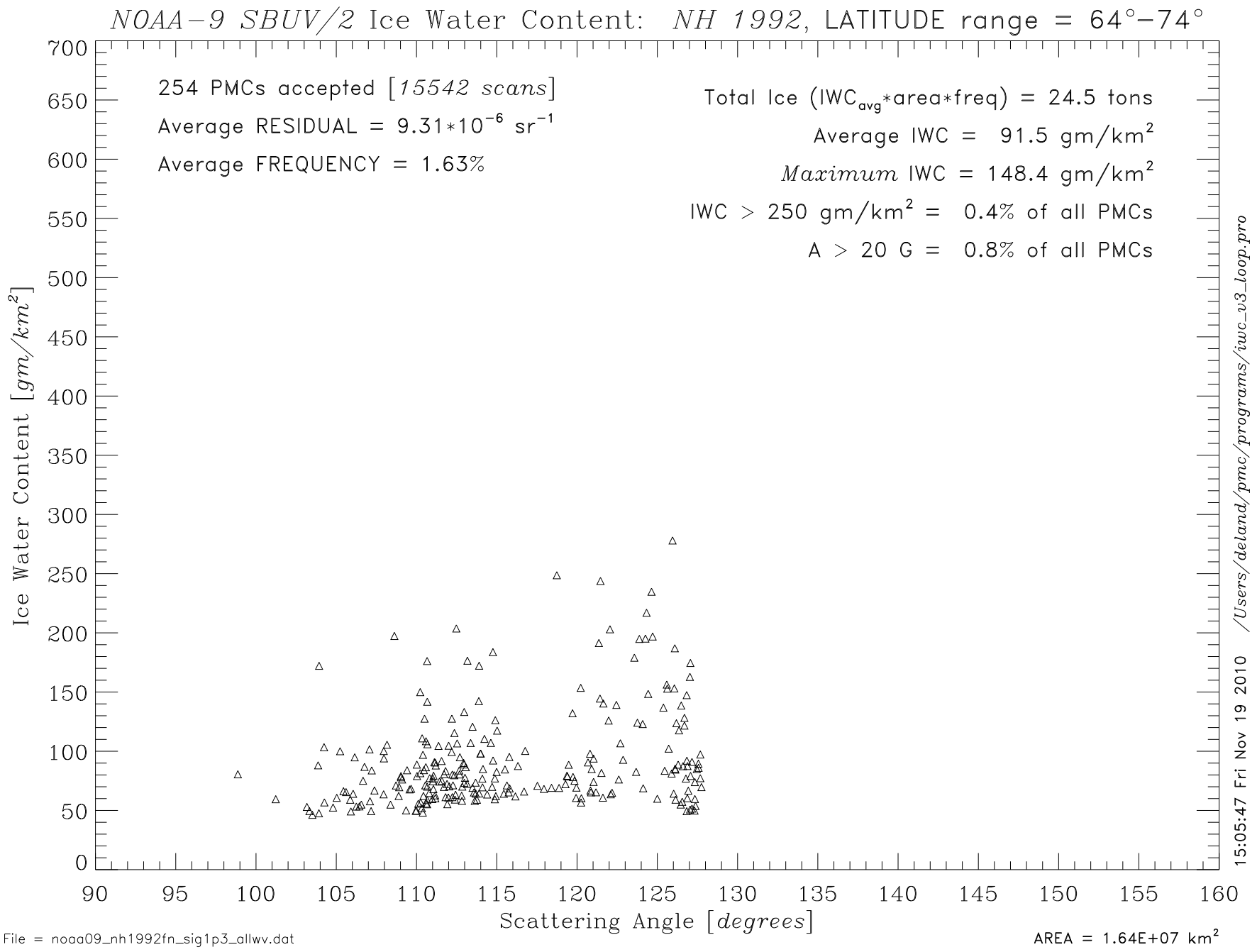

NOAA−9 SBUV/2 Ice Water Content: NH 1985, LATITUDE range = 64°−74°
491 PMCs accepted [13217 scans]
Average RESIDUAL = 10.71∗10^−6 sr^−1
Average FREQUENCY = 3.71%
Total Ice (IWC_avg∗area∗freq) = 57.9 tons
Average IWC = 95.3 gm/km²
Maximum IWC = 146.5 gm/km²
IWC > 250 gm/km² = 1.6% of all PMCs
A > 20 G = 4.1% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:05:16 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1985fn_sig1p3_allwv.dat
AREA = 1.64E+07 km²

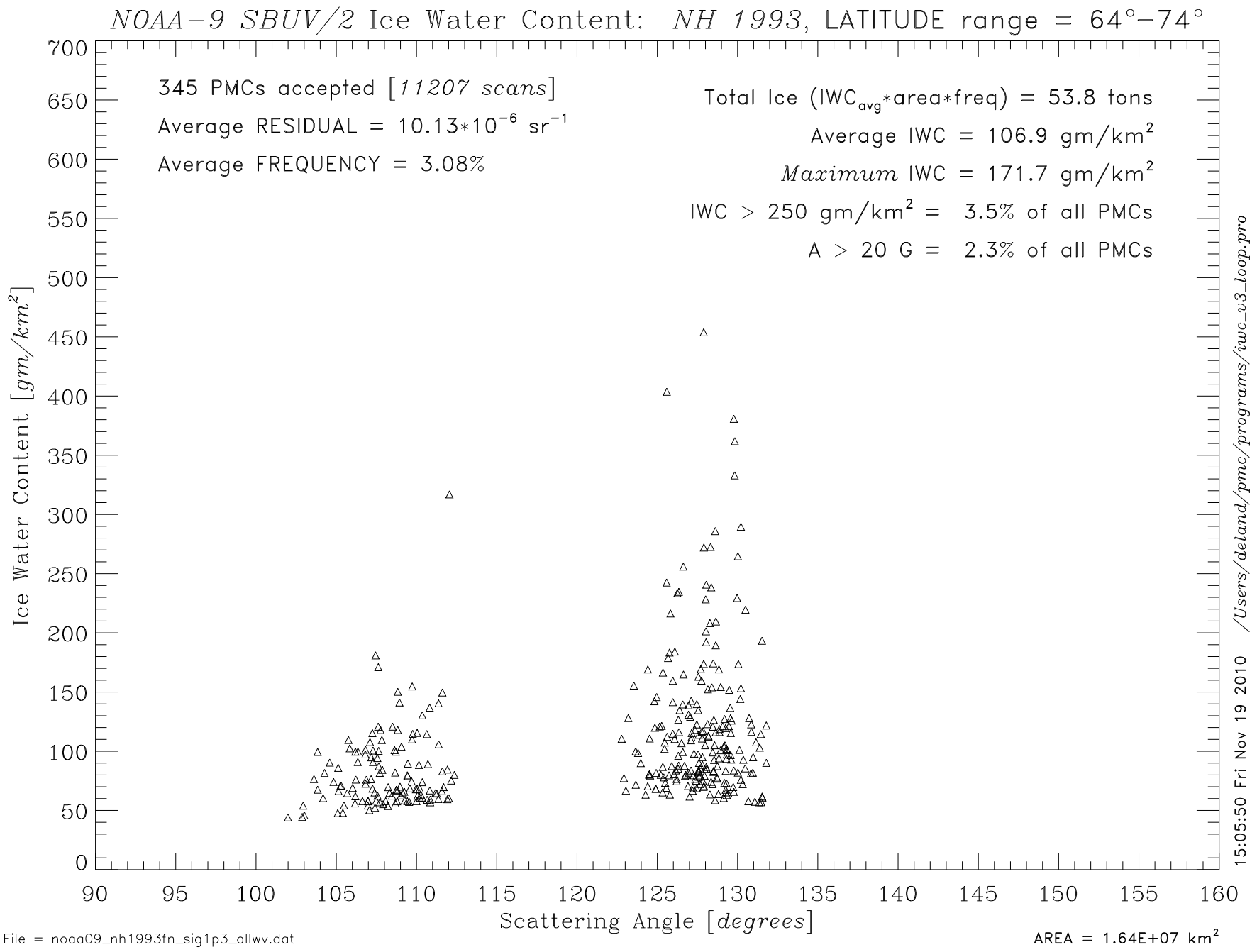

NOAA−9 SBUV/2 Ice Water Content: NH 1986, LATITUDE range = 64°−74°
1070 PMCs accepted [15230 scans]
Average RESIDUAL = 11.49∗10^−6 sr^−1
Average FREQUENCY = 7.03%
Total Ice (IWC_avg∗area∗freq) = 123.5 tons
Average IWC = 107.5 gm/km²
Maximum IWC = 162.3 gm/km²
IWC > 250 gm/km² = 3.6% of all PMCs
A > 20 G = 7.2% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
15:05:20 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1986fn_sig1p3_allwv.dat
AREA = 1.64E+07 km²

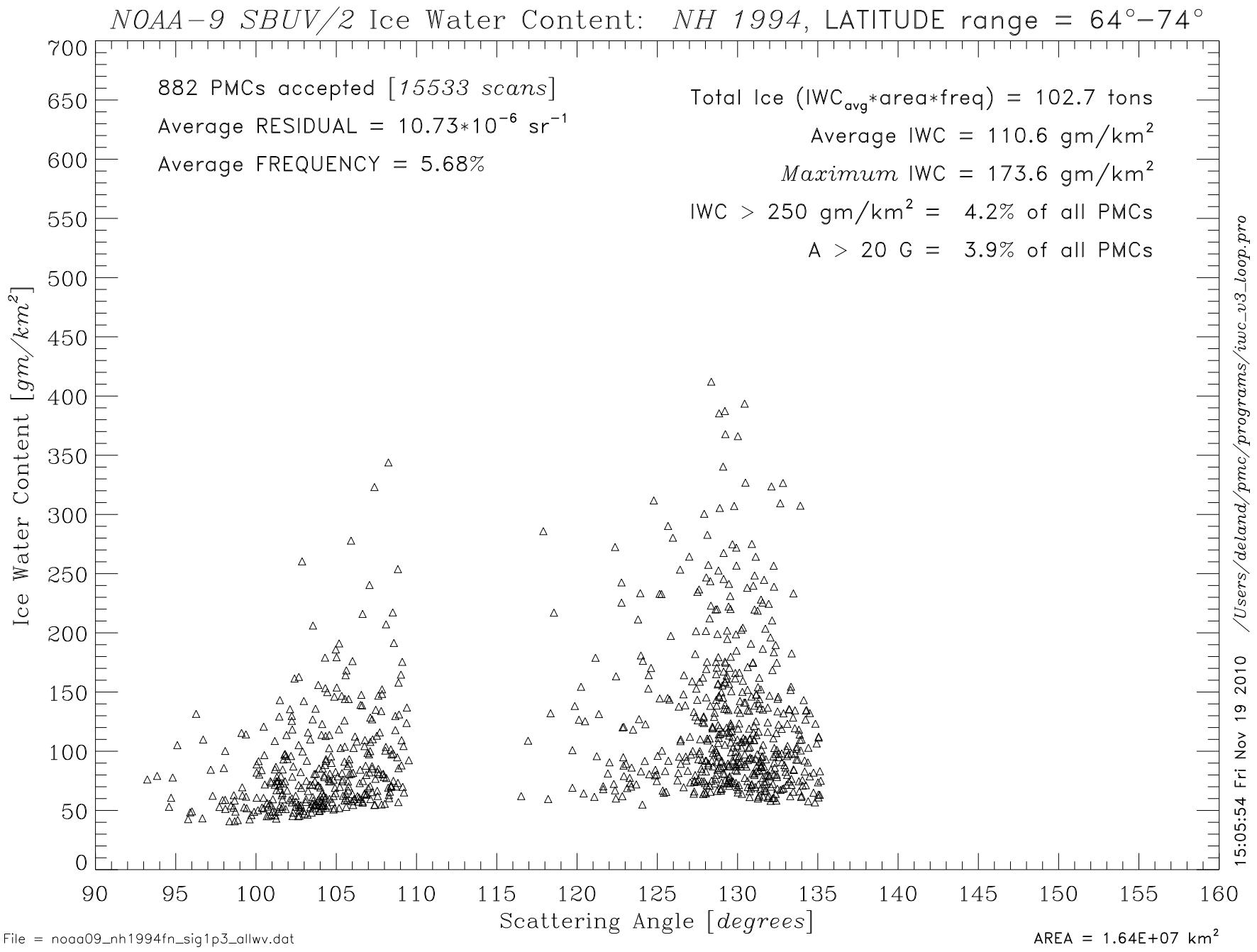

NOAA−9 SBUV/2 Ice Water Content: NH 1987, LATITUDE range = 64°−74°
856 PMCs accepted [15686 scans]
Average RESIDUAL = 10.12*10^-6 sr^-1
Average FREQUENCY = 5.46%
Total Ice (IWC_avg*area*freq) = 83.6 tons
Average IWC = 93.7 gm/km^2
Maximum IWC = 147.3 gm/km^2
IWC > 250 gm/km^2 = 1.2% of all PMCs
A > 20 G = 2.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:05:24 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1987fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

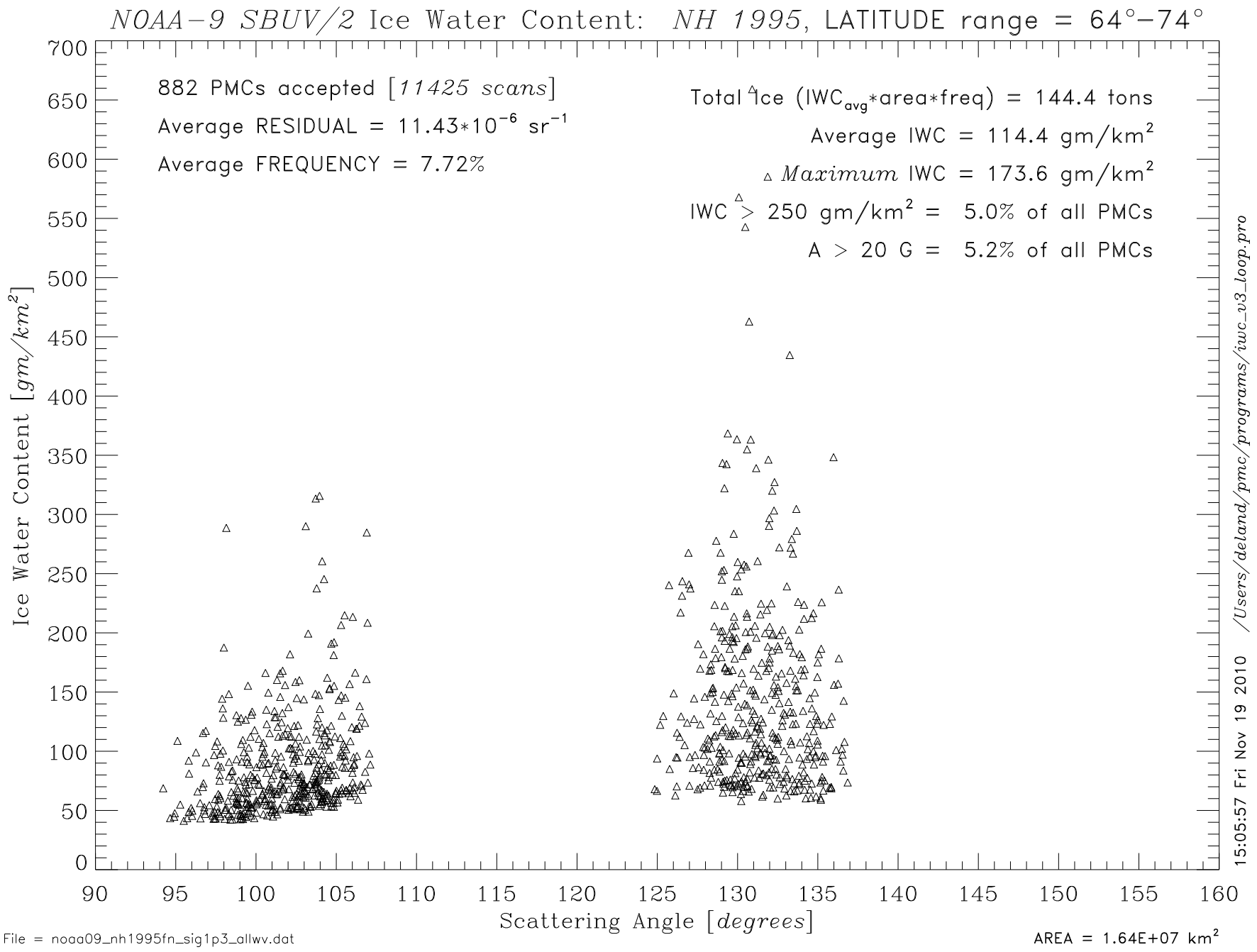

NOAA−9 SBUV/2 Ice Water Content: NH 1988, LATITUDE range = 64°−74°
906 PMCs accepted [16494 scans]
Average RESIDUAL = 11.22*10^-6 sr^-1
Average FREQUENCY = 5.49%
Total Ice (IWC_avg*area*freq) = 100.4 tons
Average IWC = 111.8 gm/km^2
Maximum IWC = 171.2 gm/km^2
IWC > 250 gm/km^2 = 4.1% of all PMCs
A > 20 G = 6.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:05:29 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1988fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

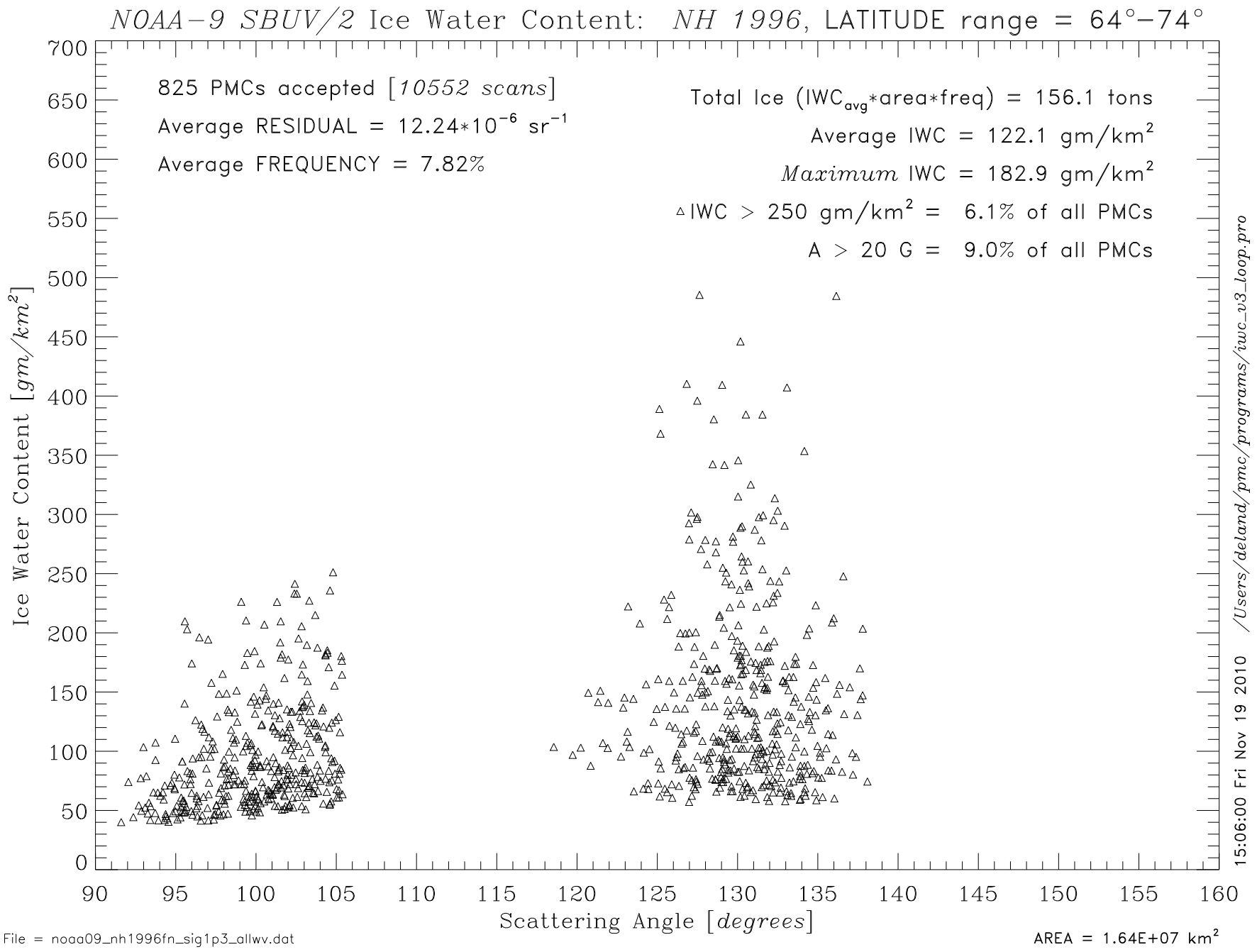

NOAA−9 SBUV/2 Ice Water Content: NH 1989, LATITUDE range = 64°−74°
676 PMCs accepted [15340 scans]
Average RESIDUAL = 10.58*10^-6 sr^-1
Average FREQUENCY = 4.41%
Total Ice (IWC_avg*area*freq) = 76.7 tons
Average IWC = 106.4 gm/km^2
Maximum IWC = 166.1 gm/km^2
IWC > 250 gm/km^2 = 2.5% of all PMCs
A > 20 G = 3.6% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:05:33 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1989fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

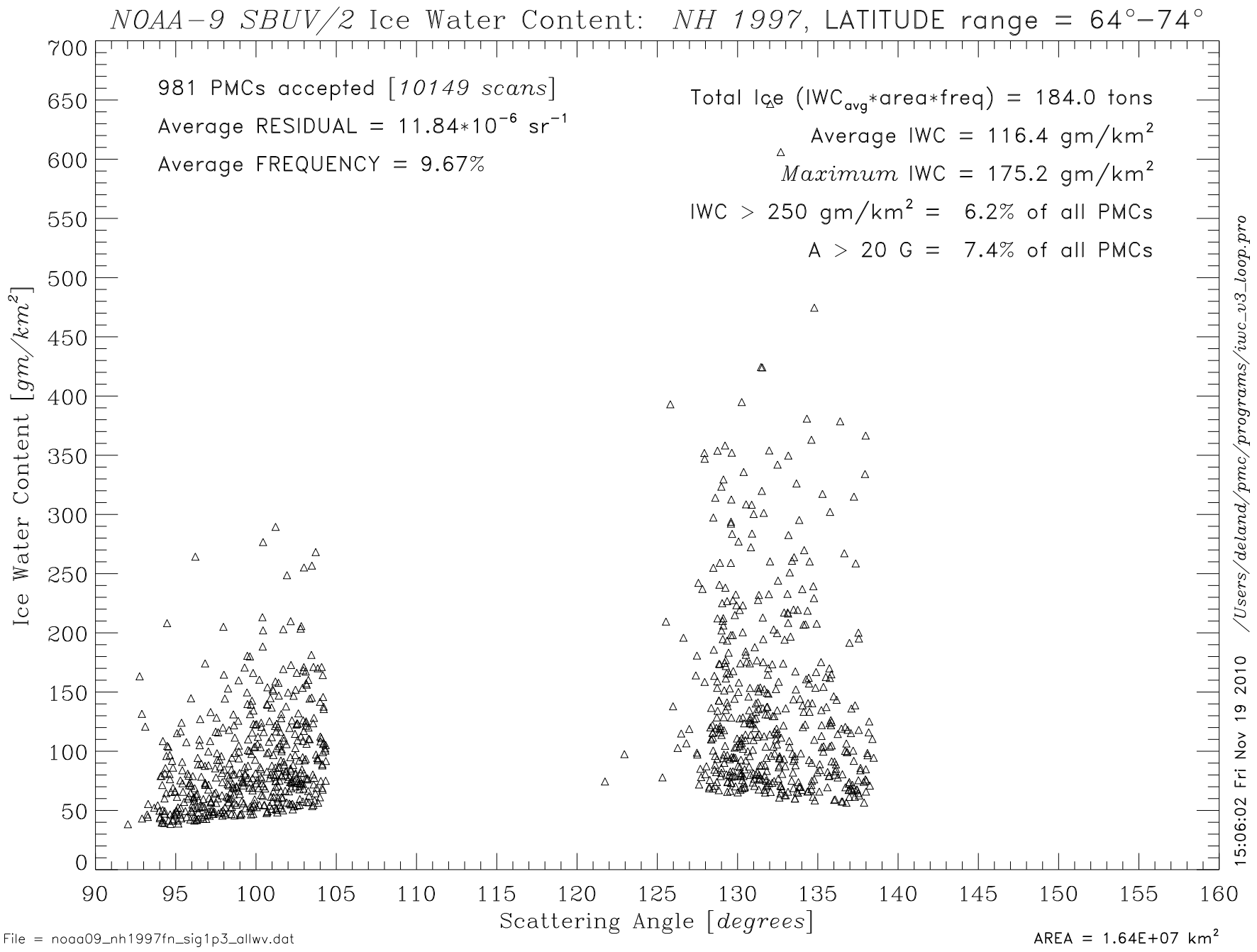

NOAA−9 SBUV/2 Ice Water Content: NH 1992, LATITUDE range = 64°−74°
254 PMCs accepted [15542 scans]
Average RESIDUAL = 9.31*10^-6 sr^-1
Average FREQUENCY = 1.63%
Total Ice (IWC_avg*area*freq) = 24.5 tons
Average IWC = 91.5 gm/km^2
Maximum IWC = 148.4 gm/km^2
IWC > 250 gm/km^2 = 0.4% of all PMCs
A > 20 G = 0.8% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:05:47 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1992fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

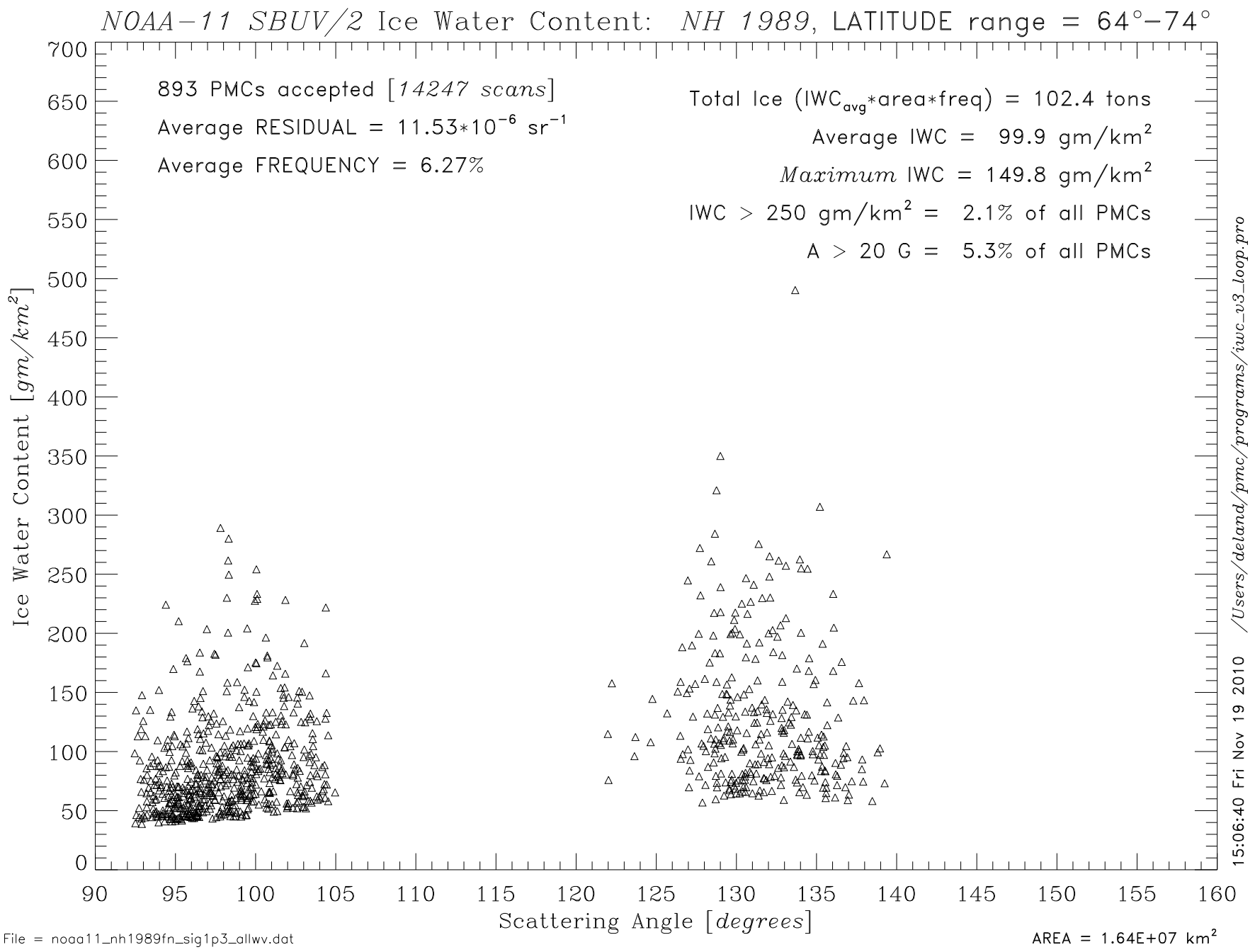

NOAA−9 SBUV/2 Ice Water Content: NH 1993, LATITUDE range = 64°−74°
345 PMCs accepted [11207 scans]
Average RESIDUAL = 10.13*10^-6 sr^-1
Average FREQUENCY = 3.08%
Total Ice (IWC_avg*area*freq) = 53.8 tons
Average IWC = 106.9 gm/km^2
Maximum IWC = 171.7 gm/km^2
IWC > 250 gm/km^2 = 3.5% of all PMCs
A > 20 G = 2.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:05:50 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1993fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

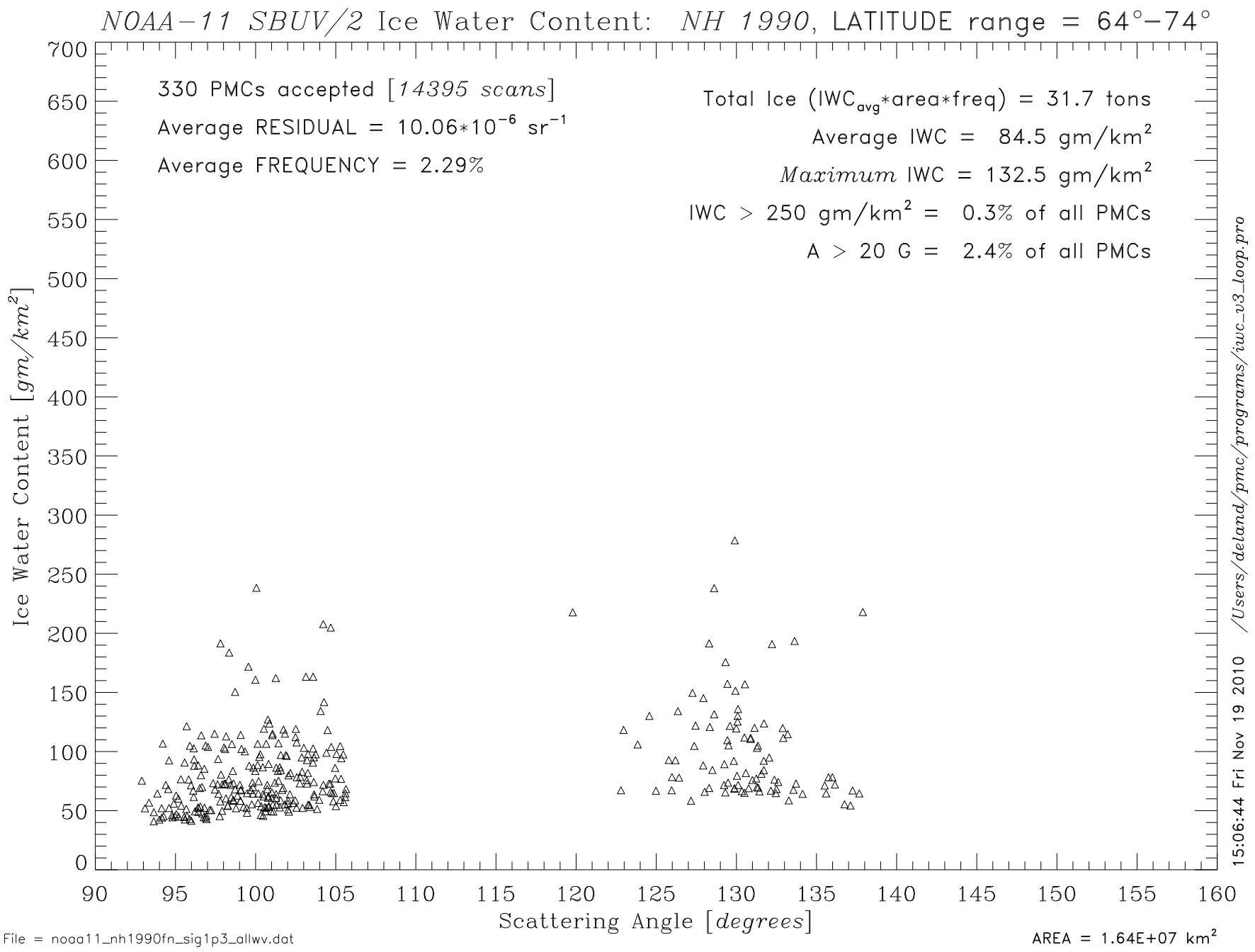

NOAA−9 SBUV/2 Ice Water Content: NH 1994, LATITUDE range = 64°−74°
882 PMCs accepted [15533 scans]
Average RESIDUAL = 10.73*10^-6 sr^-1
Average FREQUENCY = 5.68%
Total Ice (IWC_avg*area*freq) = 102.7 tons
Average IWC = 110.6 gm/km^2
Maximum IWC = 173.6 gm/km^2
IWC > 250 gm/km^2 = 4.2% of all PMCs
A > 20 G = 3.9% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:05:54 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1994fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

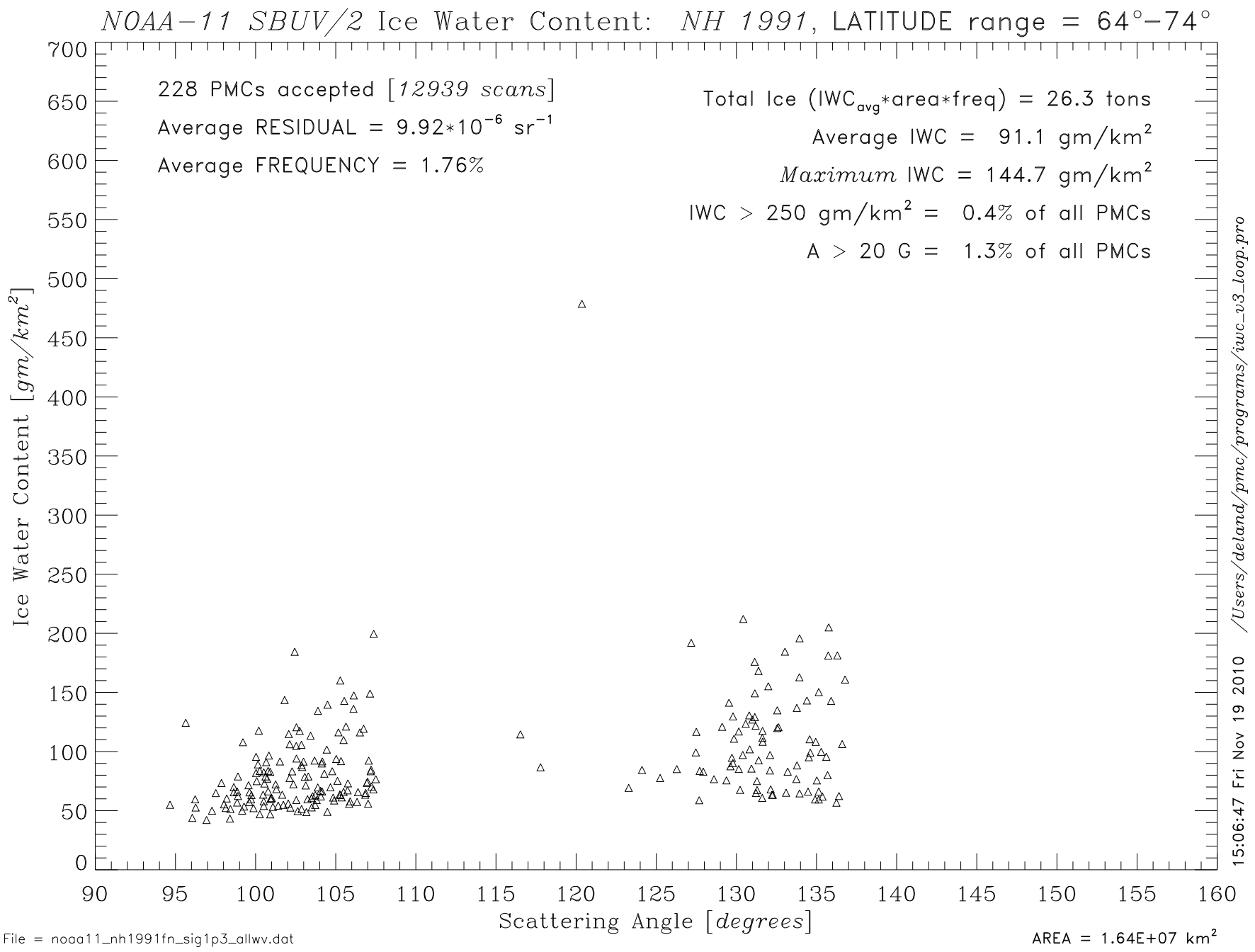

NOAA−9 SBUV/2 Ice Water Content: NH 1995, LATITUDE range = 64°−74°
882 PMCs accepted [11425 scans]
Average RESIDUAL = 11.43*10^-6 sr^-1
Average FREQUENCY = 7.72%
Total Ice (IWC_avg*area*freq) = 144.4 tons
Average IWC = 114.4 gm/km^2
Maximum IWC = 173.6 gm/km^2
IWC > 250 gm/km^2 = 5.0% of all PMCs
A > 20 G = 5.2% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:05:57 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1995fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

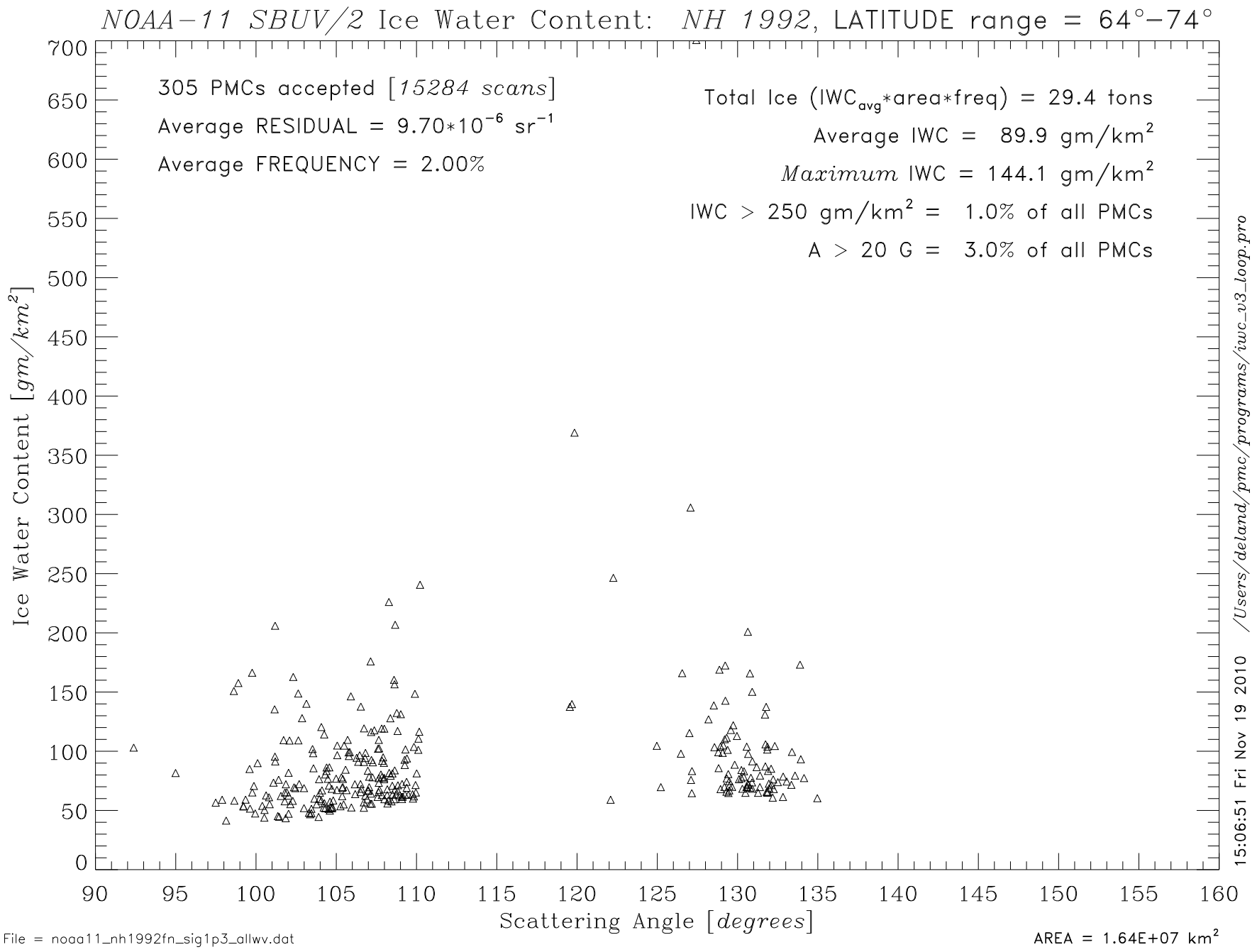

NOAA−9 SBUV/2 Ice Water Content: NH 1996, LATITUDE range = 64°−74°
825 PMCs accepted [10552 scans]
Average RESIDUAL = 12.24∗10^-6 sr^-1
Average FREQUENCY = 7.82%
Total Ice (IWC_avg∗area∗freq) = 156.1 tons
Average IWC = 122.1 gm/km²
Maximum IWC = 182.9 gm/km²
△IWC > 250 gm/km² = 6.1% of all PMCs
A > 20 G = 9.0% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
15:06:00 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1996fn_sig1p3_allwv.dat
AREA = 1.64E+07 km²

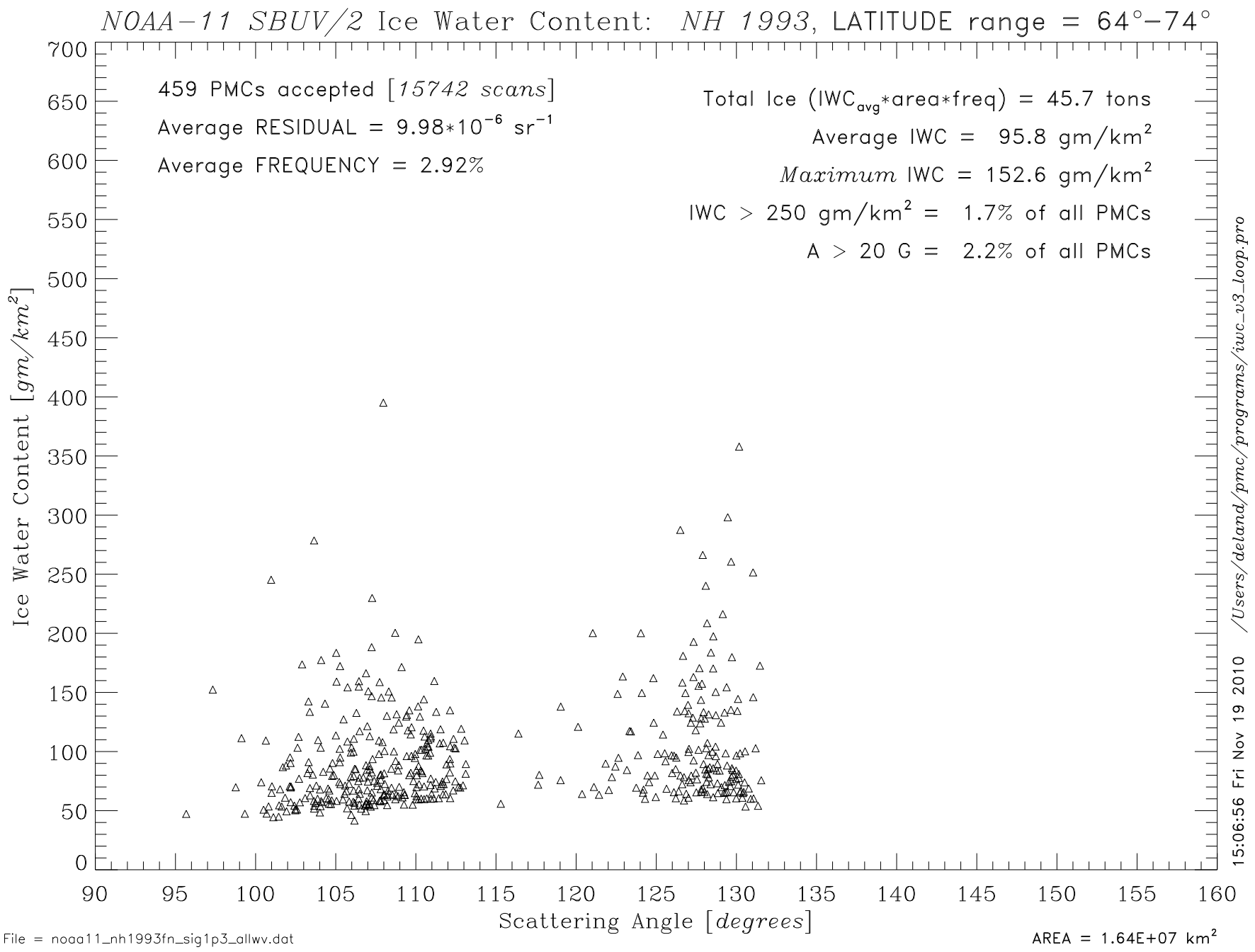

NOAA−9 SBUV/2 Ice Water Content: NH 1997, LATITUDE range = 64°−74°
981 PMCs accepted [10149 scans]
Average RESIDUAL = 11.84∗10^−6 sr^−1
Average FREQUENCY = 9.67%
Total Ice (IWC_avg∗area∗freq) = 184.0 tons
Average IWC = 116.4 gm/km²
Maximum IWC = 175.2 gm/km²
IWC > 250 gm/km² = 6.2% of all PMCs
A > 20 G = 7.4% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:06:02 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1997fn_sig1p3_allwv.dat
AREA = 1.64E+07 km²

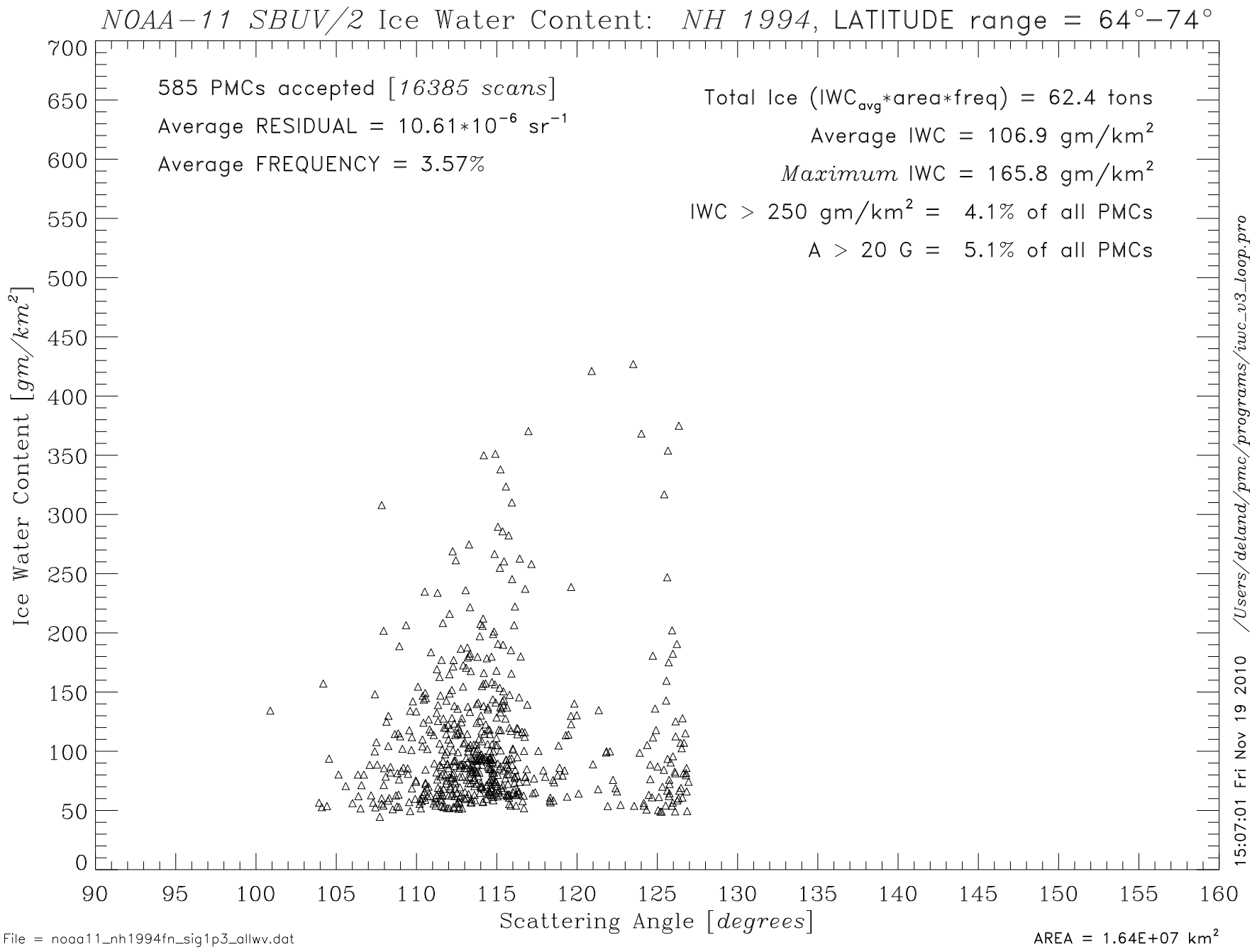

NOAA−11 SBUV/2 Ice Water Content: NH 1989, LATITUDE range = 64°−74°
893 PMCs accepted [14247 scans]
Average RESIDUAL = 11.53*10^-6 sr^-1
Average FREQUENCY = 6.27%
Total Ice (IWC_avg*area*freq) = 102.4 tons
Average IWC = 99.9 gm/km^2
Maximum IWC = 149.8 gm/km^2
IWC > 250 gm/km^2 = 2.1% of all PMCs
A > 20 G = 5.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:06:40 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1989fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

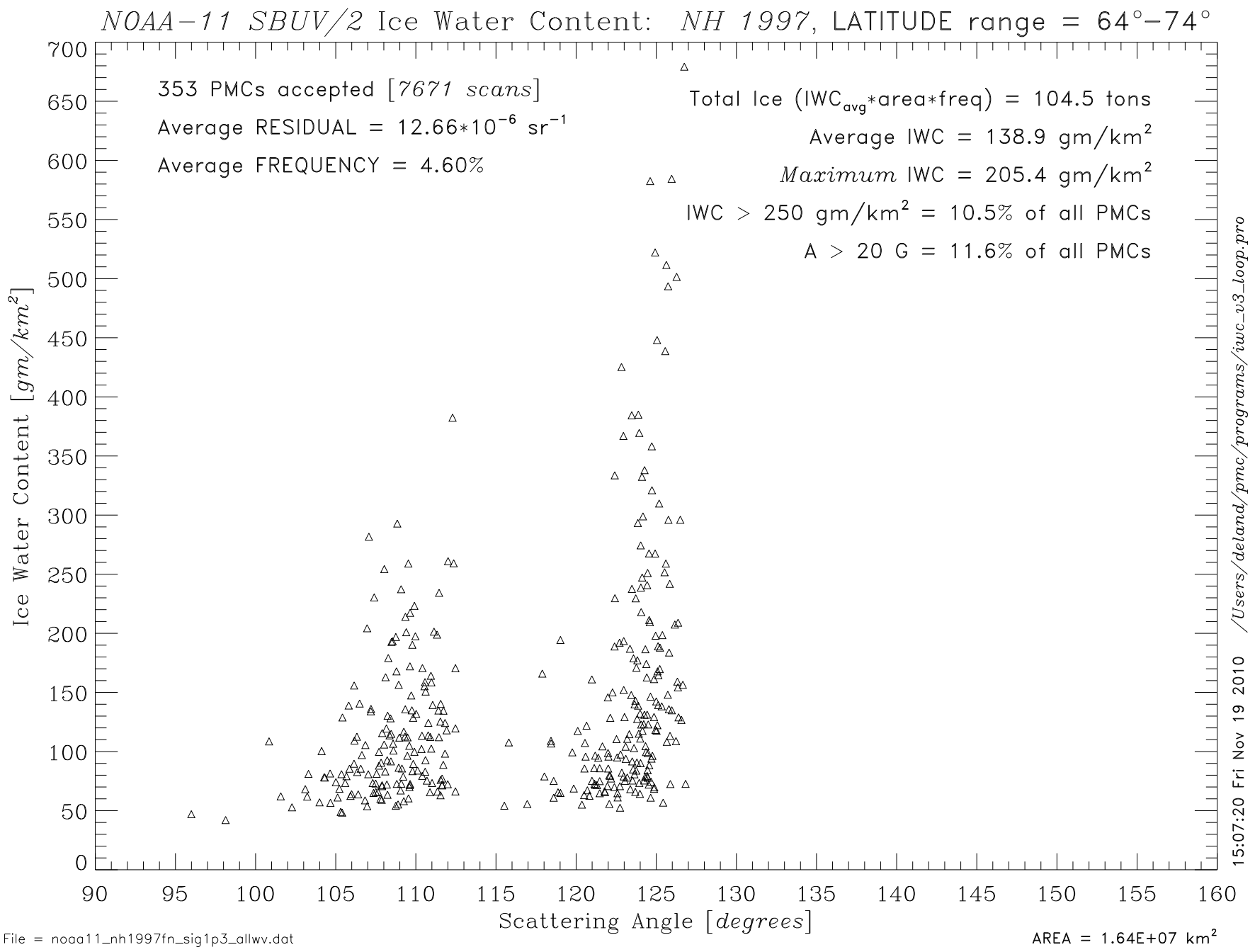

NOAA−11 SBUV/2 Ice Water Content: NH 1990, LATITUDE range = 64°−74°
330 PMCs accepted [14395 scans]
Average RESIDUAL = 10.06*10^-6 sr^-1
Average FREQUENCY = 2.29%
Total Ice (IWC_avg*area*freq) = 31.7 tons
Average IWC = 84.5 gm/km^2
Maximum IWC = 132.5 gm/km^2
IWC > 250 gm/km^2 = 0.3% of all PMCs
A > 20 G = 2.4% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:06:44 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1990fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

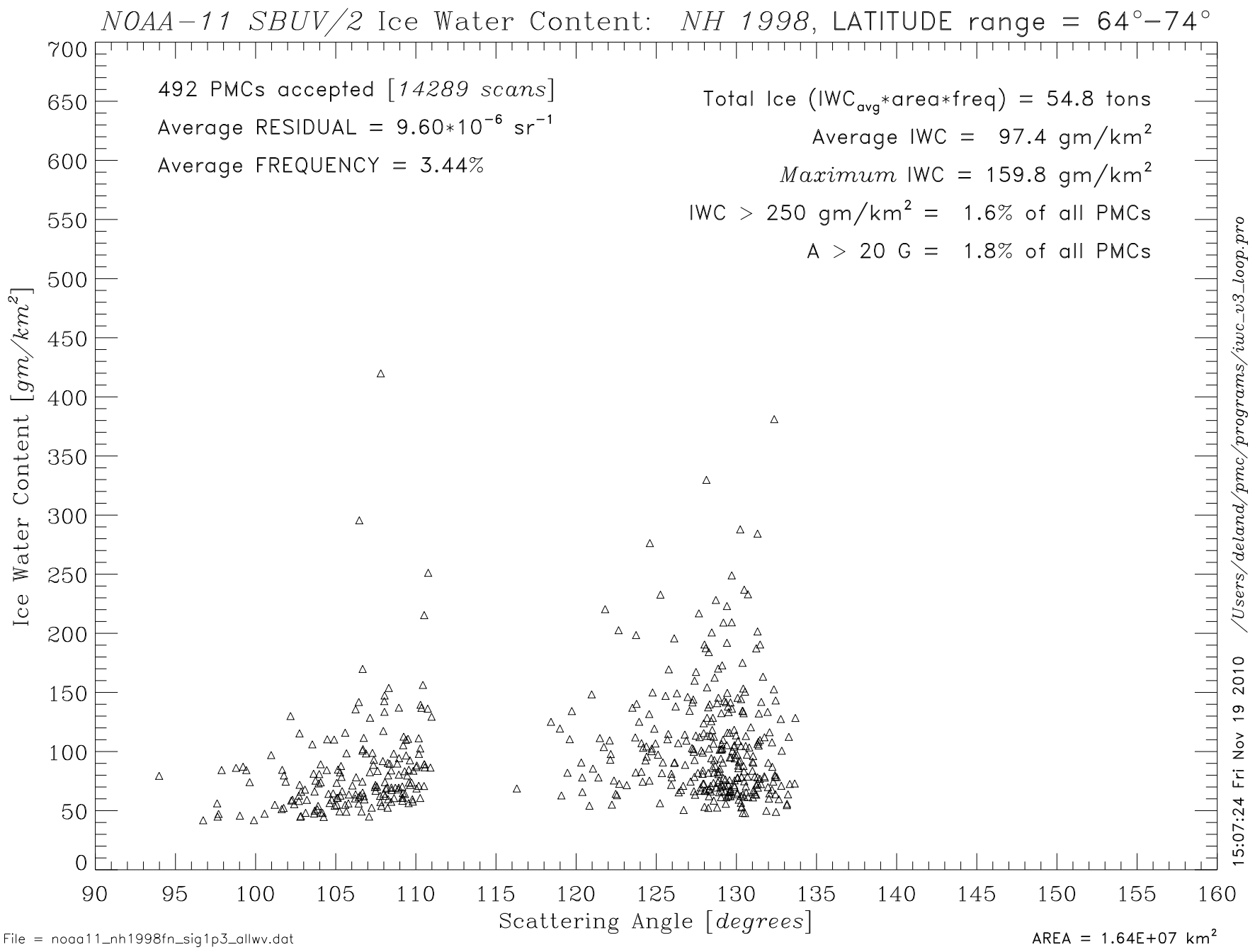

NOAA−11 SBUV/2 Ice Water Content: NH 1991, LATITUDE range = 64°−74°
228 PMCs accepted [12939 scans]
Average RESIDUAL = 9.92*10^-6 sr^-1
Average FREQUENCY = 1.76%
Total Ice (IWC_avg*area*freq) = 26.3 tons
Average IWC = 91.1 gm/km^2
Maximum IWC = 144.7 gm/km^2
IWC > 250 gm/km^2 = 0.4% of all PMCs
A > 20 G = 1.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:06:47 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1991fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

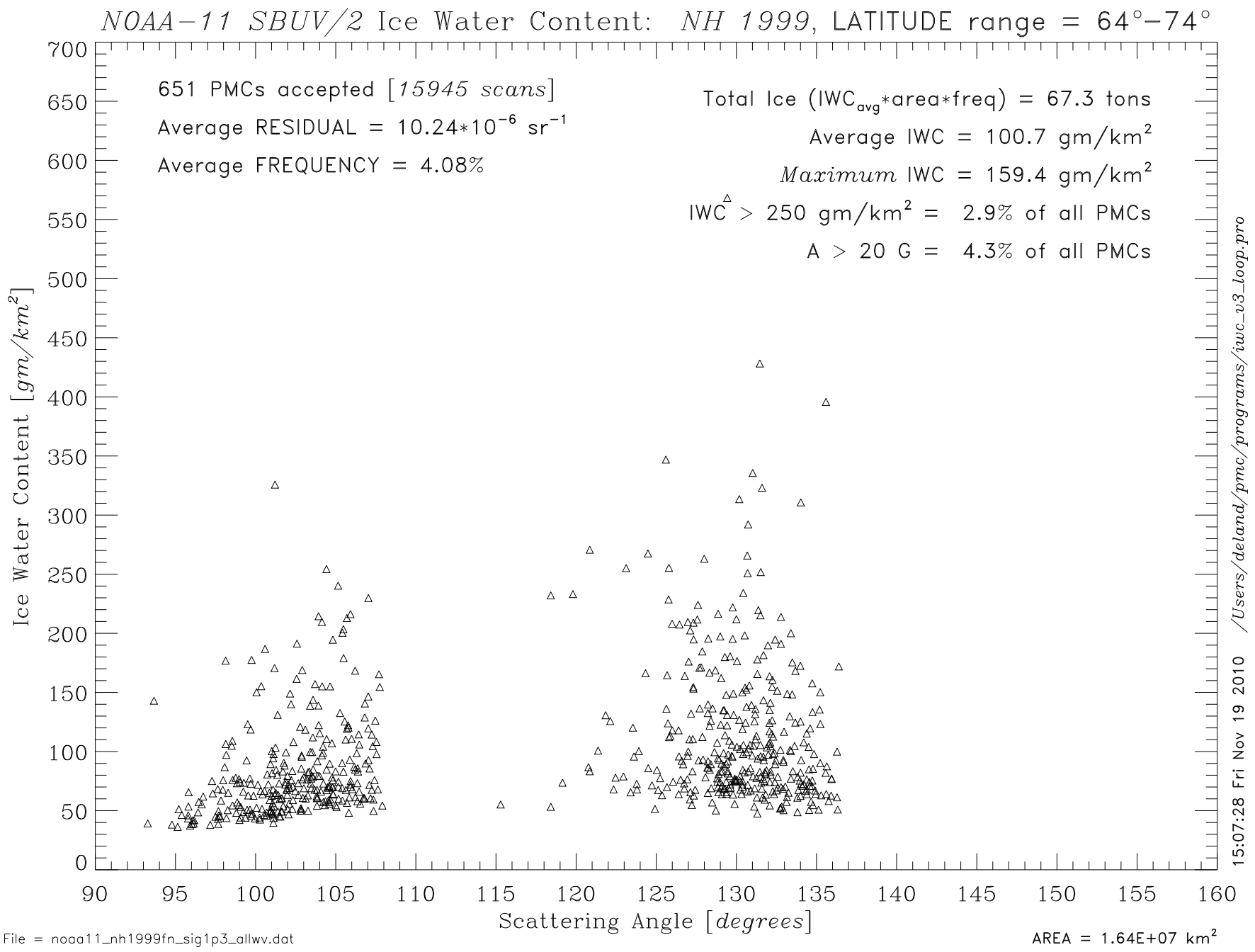

NOAA−11 SBUV/2 Ice Water Content: NH 1992, LATITUDE range = 64°−74°
305 PMCs accepted [15284 scans]
Average RESIDUAL = 9.70*10^-6 sr^-1
Average FREQUENCY = 2.00%
Total Ice (IWC_avg*area*freq) = 29.4 tons
Average IWC = 89.9 gm/km^2
Maximum IWC = 144.1 gm/km^2
IWC > 250 gm/km^2 = 1.0% of all PMCs
A > 20 G = 3.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:06:51 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1992fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

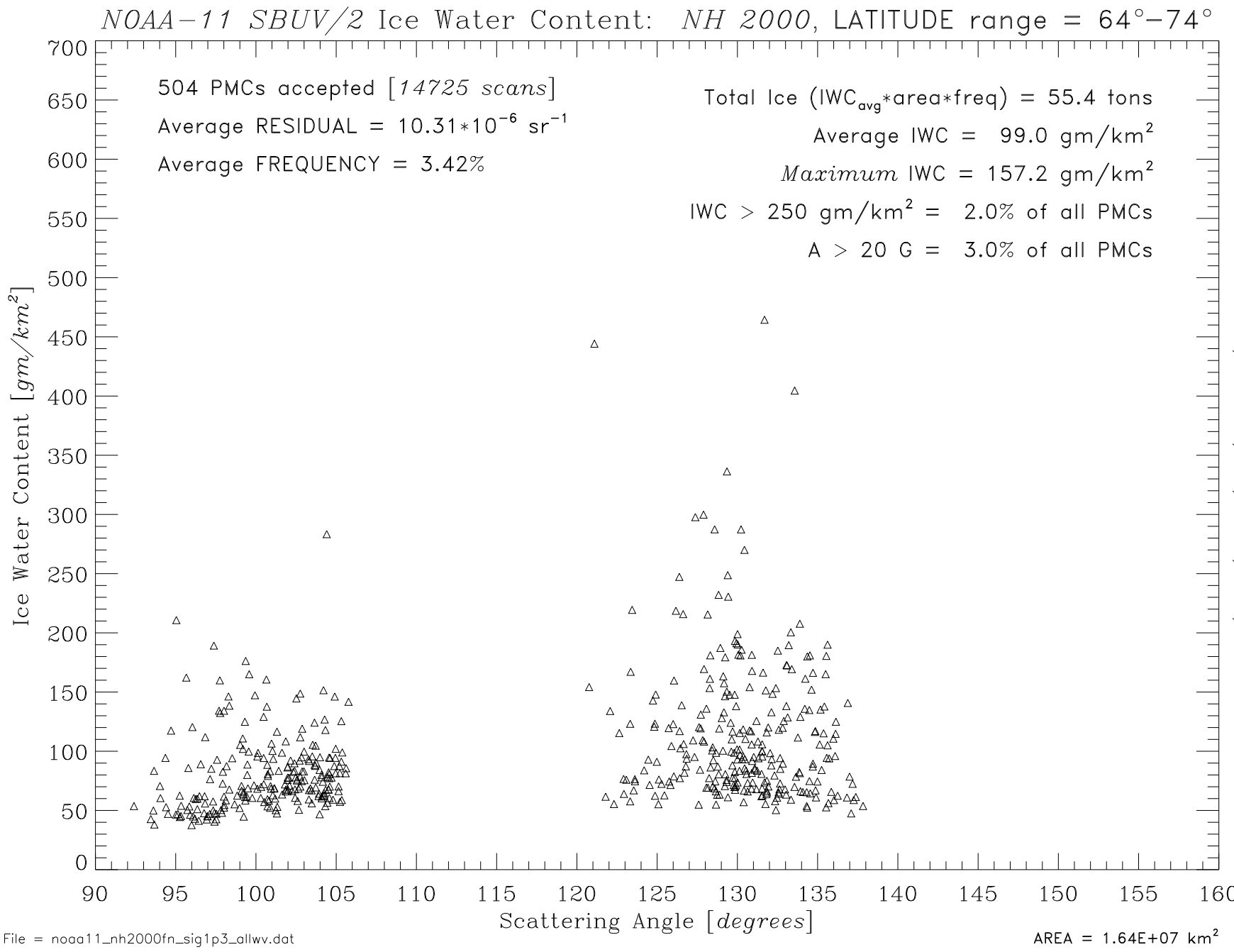

NOAA−11 SBUV/2 Ice Water Content: NH 1993, LATITUDE range = 64°−74°
459 PMCs accepted [15742 scans]
Average RESIDUAL = 9.98*10^-6 sr^-1
Average FREQUENCY = 2.92%
Total Ice (IWC_avg*area*freq) = 45.7 tons
Average IWC = 95.8 gm/km^2
Maximum IWC = 152.6 gm/km^2
IWC > 250 gm/km^2 = 1.7% of all PMCs
A > 20 G = 2.2% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:06:56 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1993fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

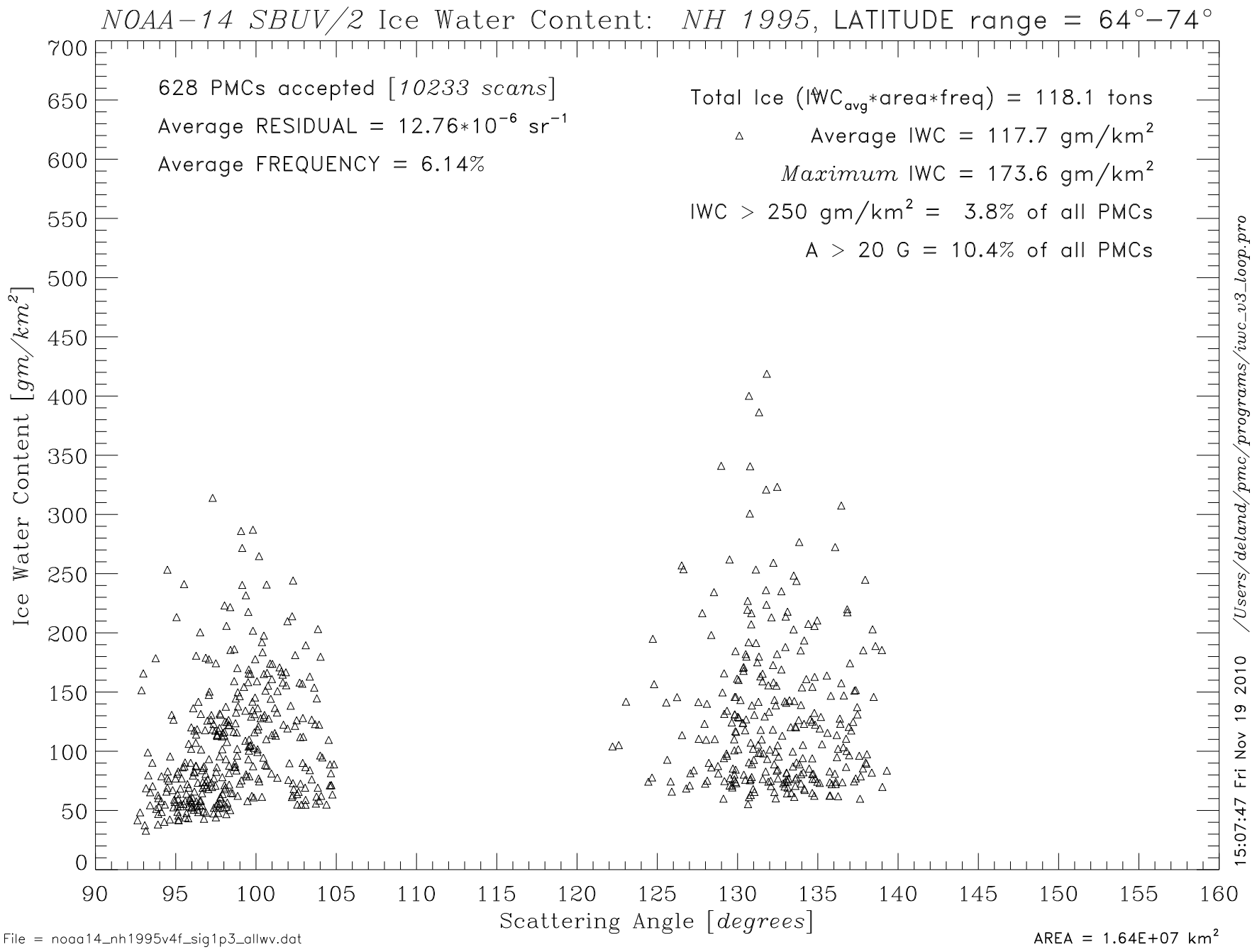

NOAA−11 SBUV/2 Ice Water Content: NH 1994, LATITUDE range = 64°−74°
585 PMCs accepted [16385 scans]
Average RESIDUAL = 10.61∗10^−6 sr^−1
Average FREQUENCY = 3.57%
Total Ice (IWC_avg∗area∗freq) = 62.4 tons
Average IWC = 106.9 gm/km²
Maximum IWC = 165.8 gm/km²
IWC > 250 gm/km² = 4.1% of all PMCs
A > 20 G = 5.1% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:07:01 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1994fn_sig1p3_allwv.dat
AREA = 1.64E+07 km²

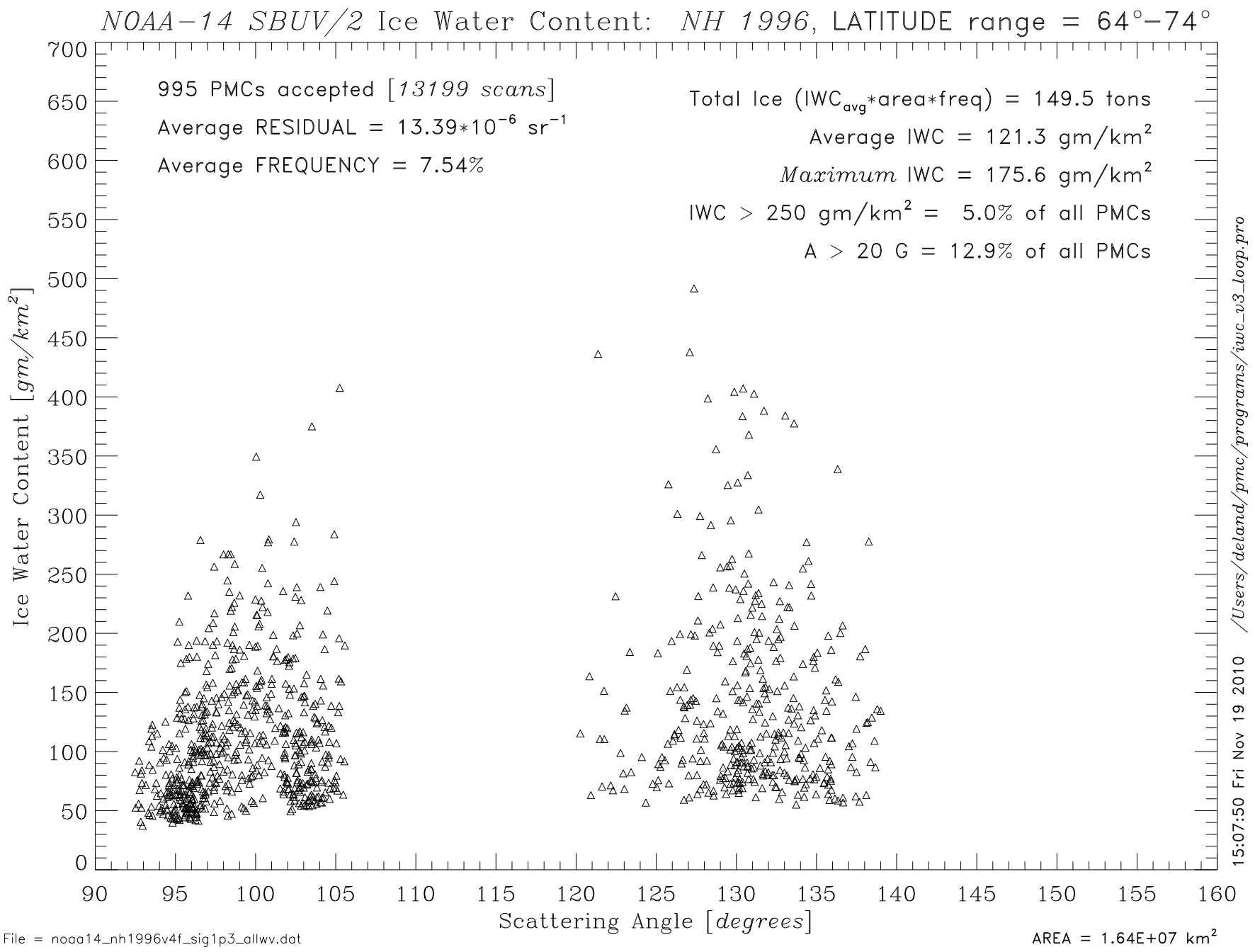

NOAA−11 SBUV/2 Ice Water Content: NH 1997, LATITUDE range = 64°−74°
353 PMCs accepted [7671 scans]
Average RESIDUAL = 12.66*10^-6 sr^-1
Average FREQUENCY = 4.60%
Total Ice (IWC_avg*area*freq) = 104.5 tons
Average IWC = 138.9 gm/km^2
Maximum IWC = 205.4 gm/km^2
IWC > 250 gm/km^2 = 10.5% of all PMCs
A > 20 G = 11.6% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:07:20 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1997fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

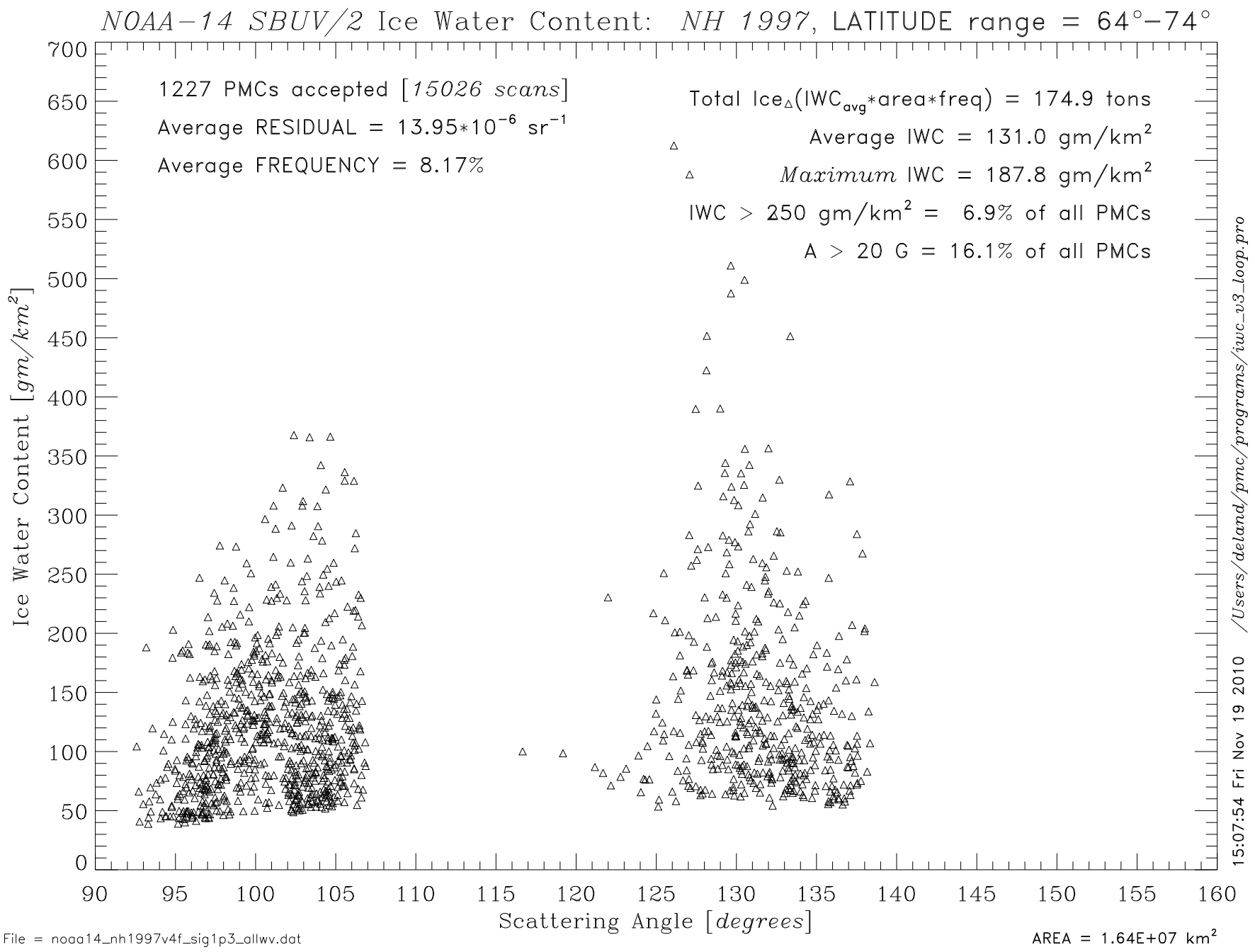

NOAA−11 SBUV/2 Ice Water Content: NH 1998, LATITUDE range = 64°−74°
492 PMCs accepted [14289 scans]
Average RESIDUAL = 9.60*10^-6 sr^-1
Average FREQUENCY = 3.44%
Total Ice (IWC_avg*area*freq) = 54.8 tons
Average IWC = 97.4 gm/km^2
Maximum IWC = 159.8 gm/km^2
IWC > 250 gm/km^2 = 1.6% of all PMCs
A > 20 G = 1.8% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:07:24 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1998fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

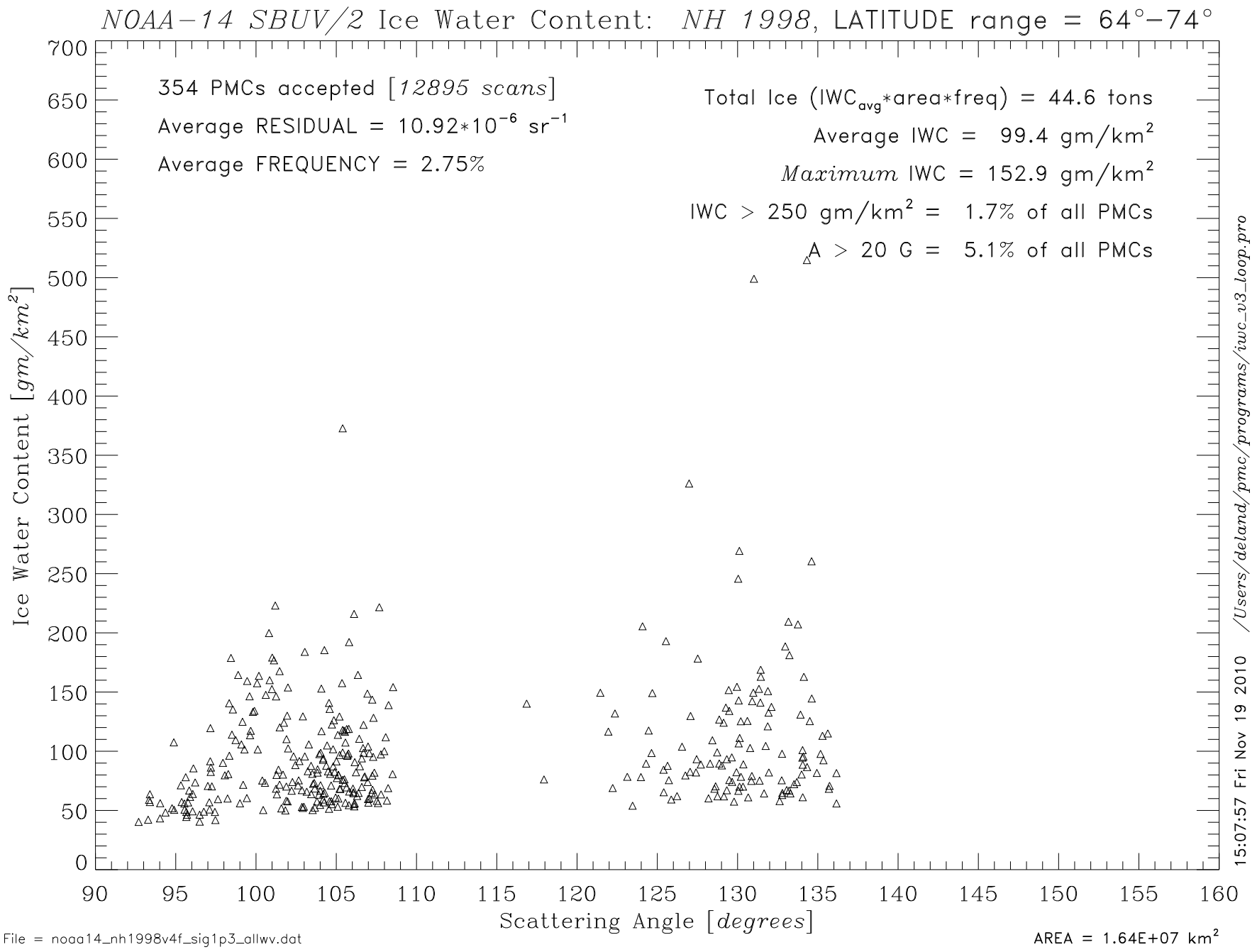

NOAA−11 SBUV/2 Ice Water Content: NH 1999, LATITUDE range = 64°−74°
651 PMCs accepted [15945 scans]
Average RESIDUAL = 10.24*10^-6 sr^-1
Average FREQUENCY = 4.08%
Total Ice (IWC_avg*area*freq) = 67.3 tons
Average IWC = 100.7 gm/km^2
Maximum IWC = 159.4 gm/km^2
IWC > 250 gm/km^2 = 2.9% of all PMCs
A > 20 G = 4.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:07:28 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1999fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

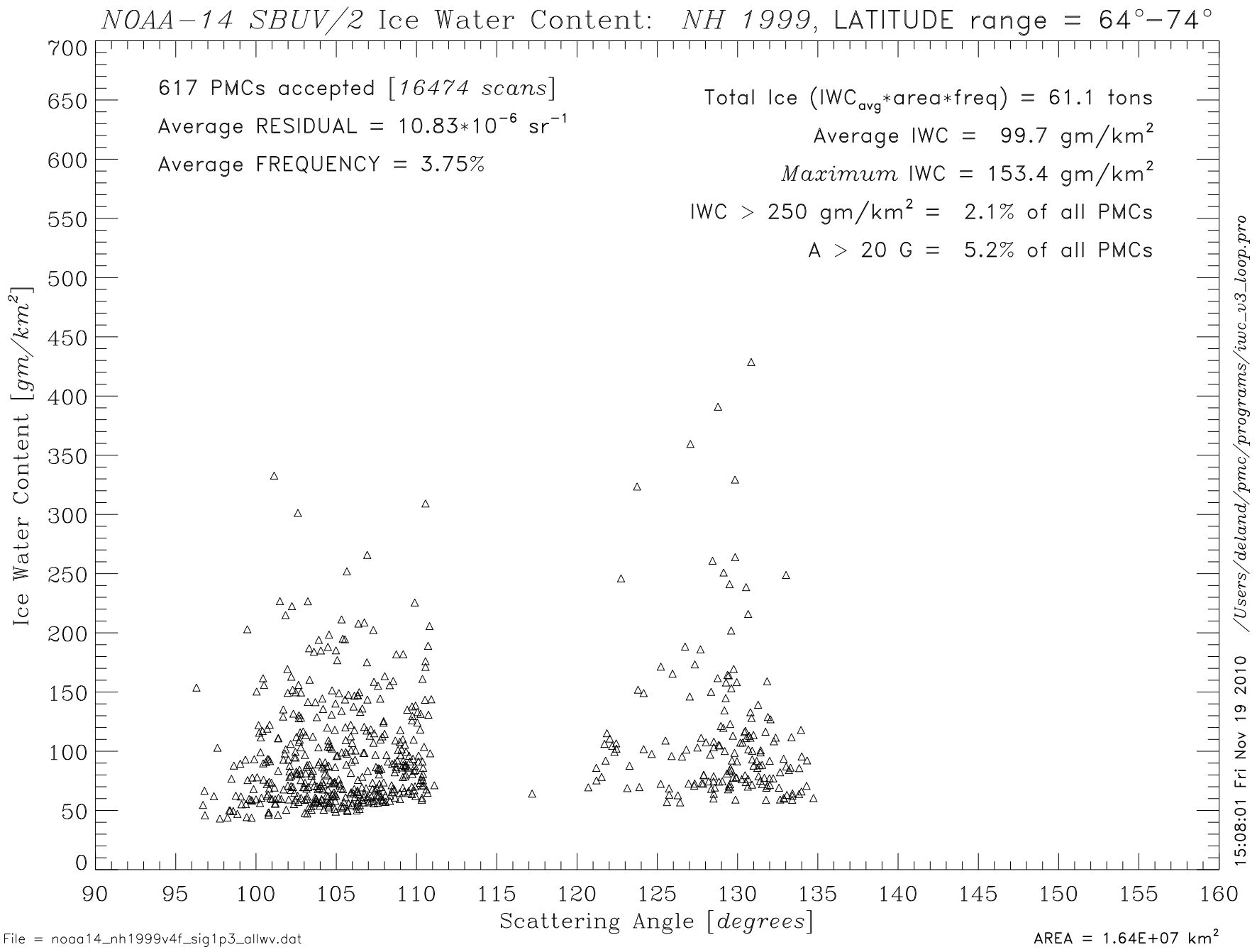

NOAA−11 SBUV/2 Ice Water Content: NH 2000, LATITUDE range = 64°−74°
504 PMCs accepted [14725 scans]
Average RESIDUAL = 10.31∗10^−6 sr^−1
Average FREQUENCY = 3.42%
Total Ice (IWC_avg∗area∗freq) = 55.4 tons
Average IWC = 99.0 gm/km^2
Maximum IWC = 157.2 gm/km^2
IWC > 250 gm/km^2 = 2.0% of all PMCs
A > 20 G = 3.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:07:32 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh2000fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

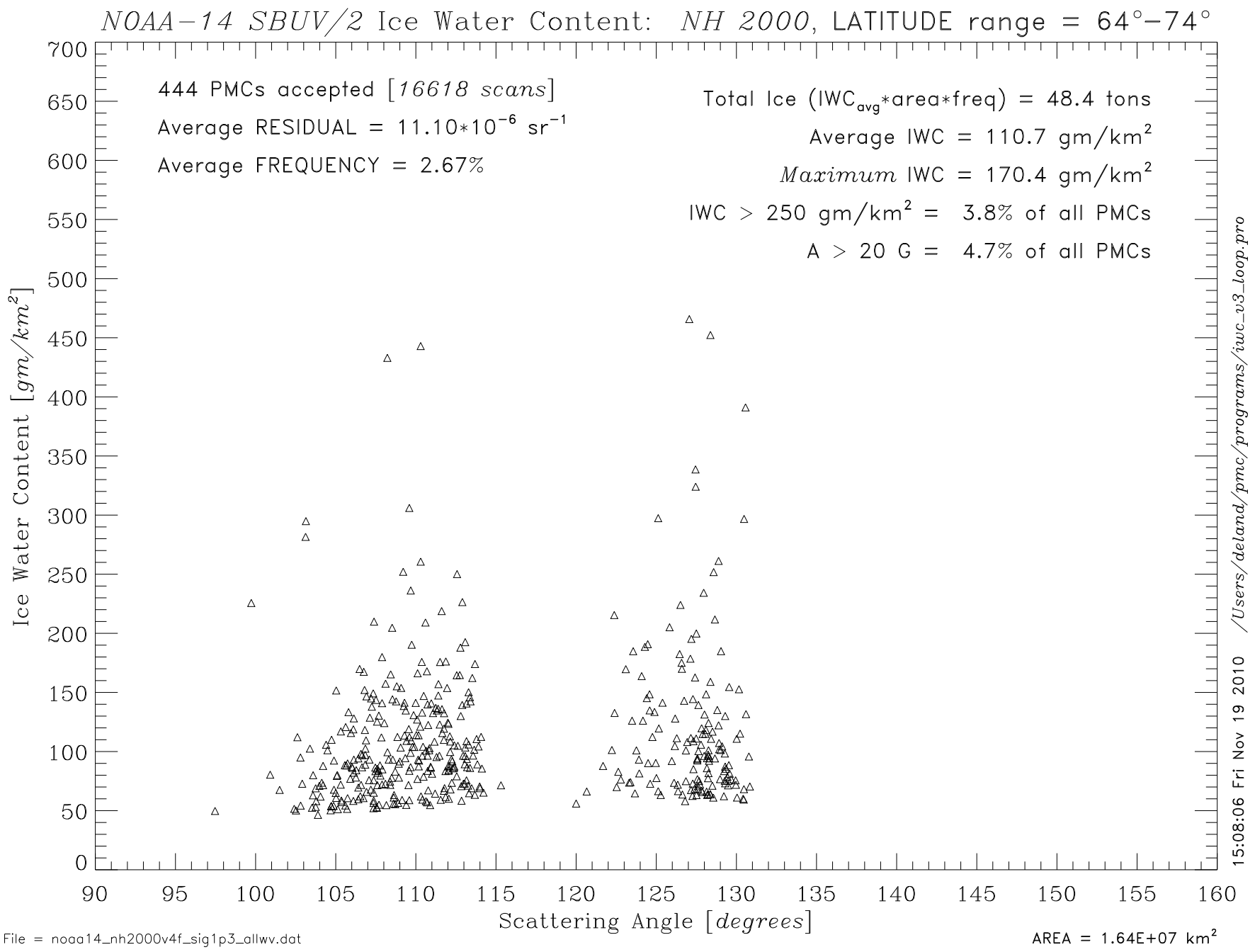

NOAA−14 SBUV/2 Ice Water Content: NH 1995, LATITUDE range = 64°−74°
628 PMCs accepted [10233 scans]
Average RESIDUAL = 12.76*10^-6 sr^-1
Average FREQUENCY = 6.14%
Total Ice (IWC_avg*area*freq) = 118.1 tons
Average IWC = 117.7 gm/km^2
Maximum IWC = 173.6 gm/km^2
IWC > 250 gm/km^2 = 3.8% of all PMCs
A > 20 G = 10.4% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:07:47 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh1995v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

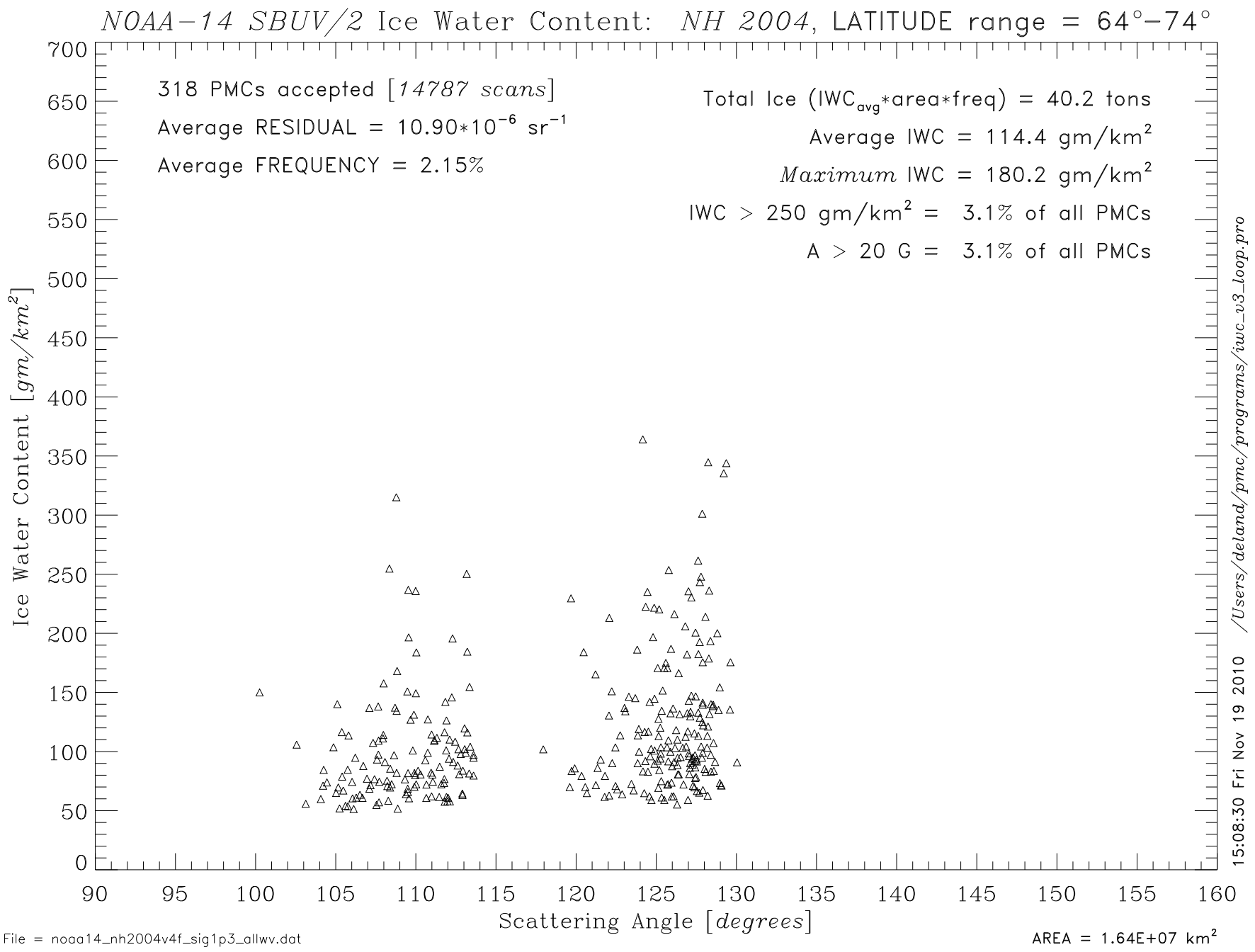

NOAA−14 SBUV/2 Ice Water Content: NH 1996, LATITUDE range = 64°−74°
995 PMCs accepted [13199 scans]
Average RESIDUAL = 13.39∗10^−6 sr^−1
Average FREQUENCY = 7.54%
Total Ice (IWC_avg∗area∗freq) = 149.5 tons
Average IWC = 121.3 gm/km^2
Maximum IWC = 175.6 gm/km^2
IWC > 250 gm/km^2 = 5.0% of all PMCs
A > 20 G = 12.9% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:07:50 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh1996v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

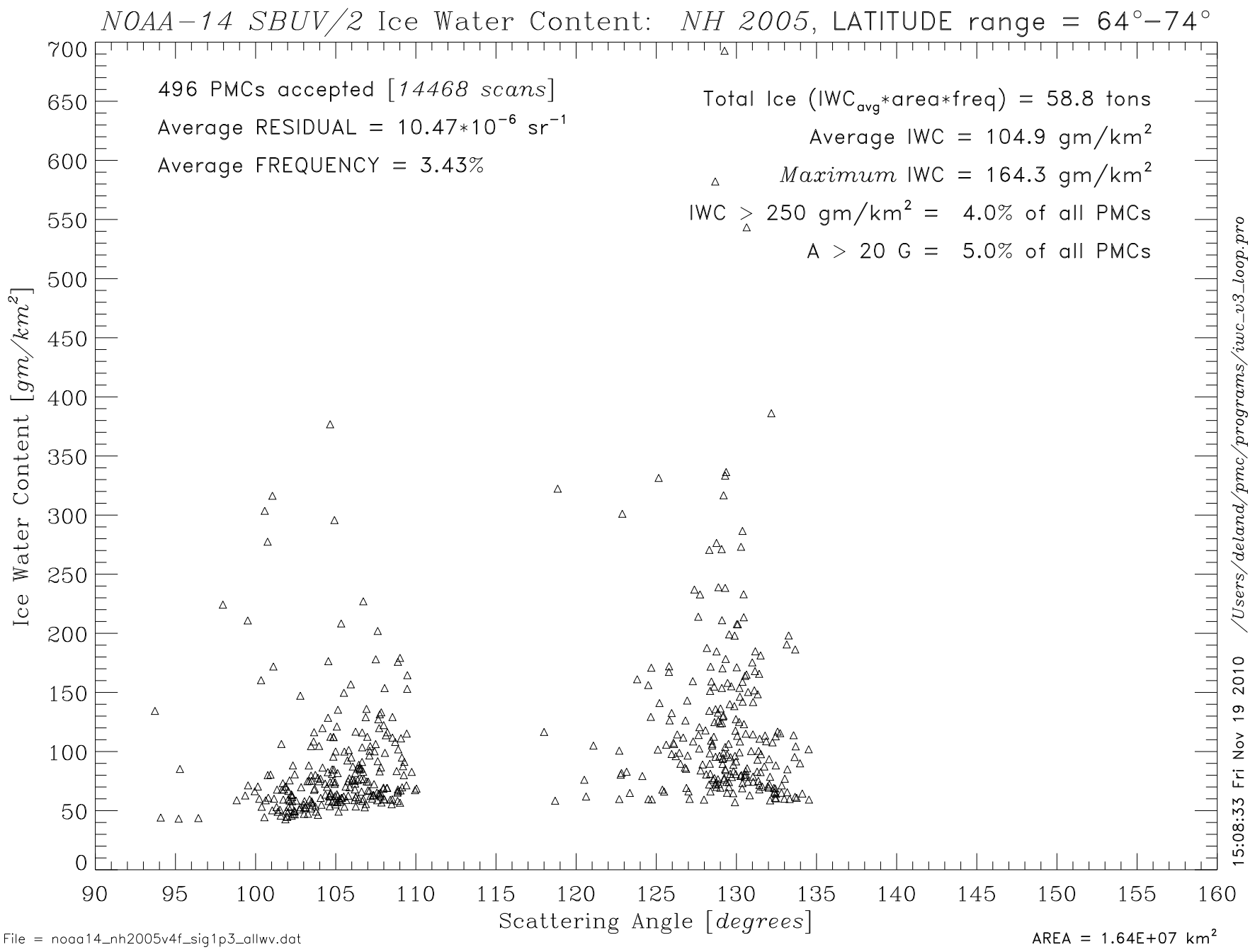

NOAA−14 SBUV/2 Ice Water Content: NH 1997, LATITUDE range = 64°−74°
1227 PMCs accepted [15026 scans]
Average RESIDUAL = 13.95∗10^−6 sr^−1
Average FREQUENCY = 8.17%
Total Ice△(IWC_avg∗area∗freq) = 174.9 tons
Average IWC = 131.0 gm/km²
Maximum IWC = 187.8 gm/km²
IWC > 250 gm/km² = 6.9% of all PMCs
A > 20 G = 16.1% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
15:07:54 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh1997v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km²

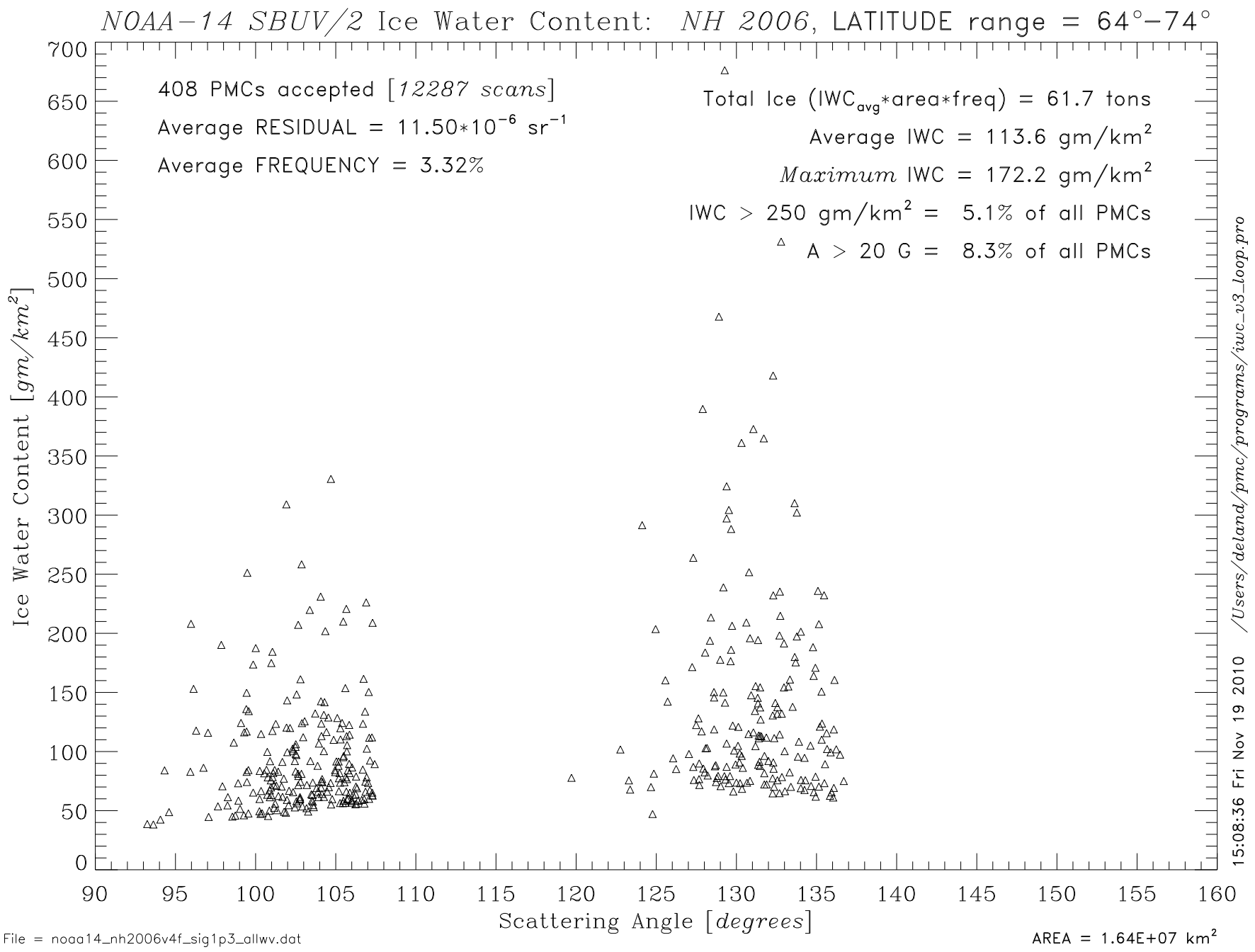

NOAA−14 SBUV/2 Ice Water Content: NH 1998, LATITUDE range = 64°−74°
354 PMCs accepted [12895 scans]
Average RESIDUAL = 10.92∗10^−6 sr^−1
Average FREQUENCY = 2.75%
Total Ice (IWC_avg∗area∗freq) = 44.6 tons
Average IWC = 99.4 gm/km^2
Maximum IWC = 152.9 gm/km^2
IWC > 250 gm/km^2 = 1.7% of all PMCs
A > 20 G = 5.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:07:57 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh1998v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

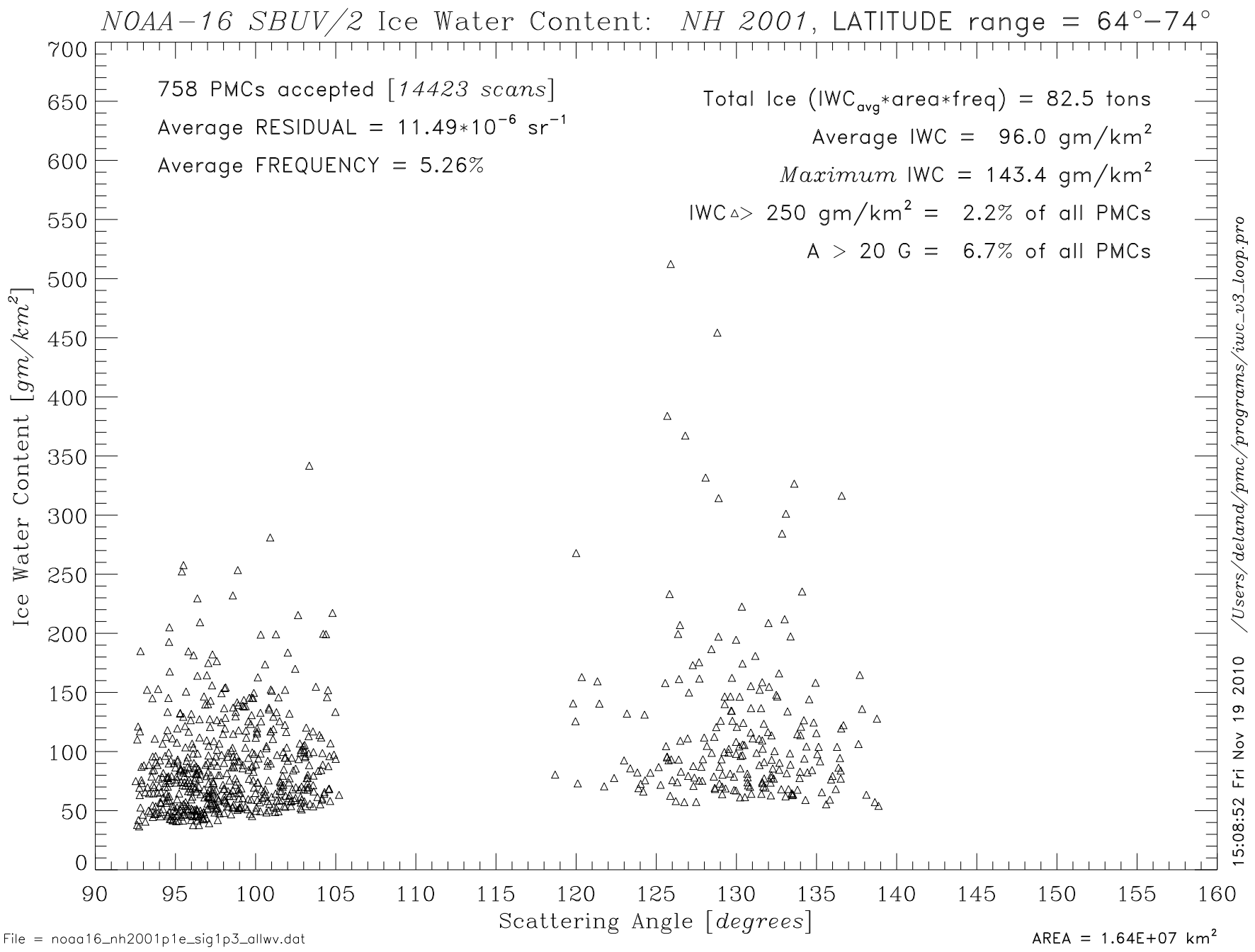

NOAA−14 SBUV/2 Ice Water Content: NH 1999, LATITUDE range = 64°−74°
617 PMCs accepted [16474 scans]
Average RESIDUAL = 10.83∗10^−6 sr^−1
Average FREQUENCY = 3.75%
Total Ice (IWC_avg∗area∗freq) = 61.1 tons
Average IWC = 99.7 gm/km²
Maximum IWC = 153.4 gm/km²
IWC > 250 gm/km² = 2.1% of all PMCs
A > 20 G = 5.2% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:08:01 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh1999v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km²

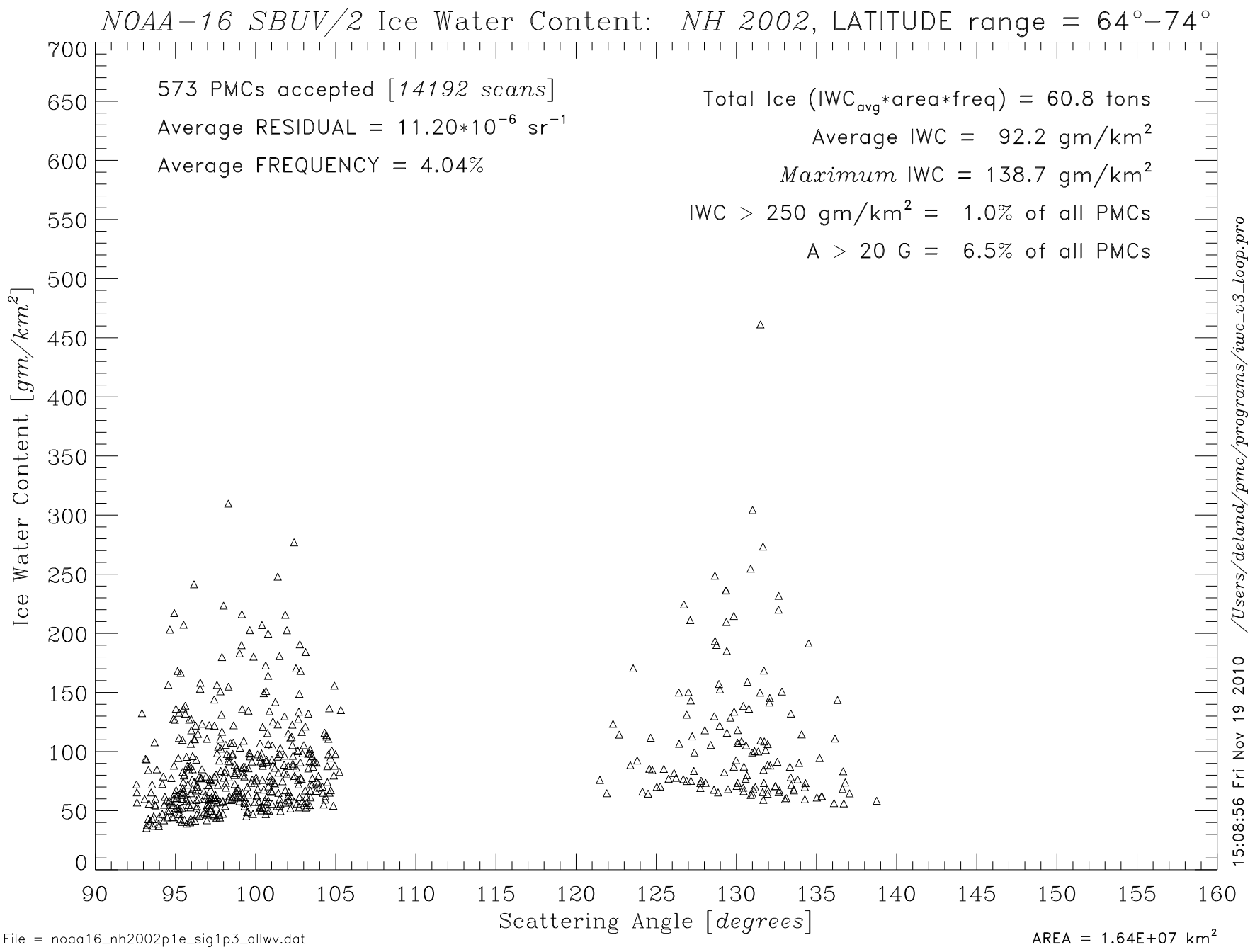

NOAA−14 SBUV/2 Ice Water Content: NH 2000, LATITUDE range = 64°−74°
444 PMCs accepted [16618 scans]
Average RESIDUAL = 11.10*10^-6 sr^-1
Average FREQUENCY = 2.67%
Total Ice (IWC_avg*area*freq) = 48.4 tons
Average IWC = 110.7 gm/km^2
Maximum IWC = 170.4 gm/km^2
IWC > 250 gm/km^2 = 3.8% of all PMCs
A > 20 G = 4.7% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:08:06 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh2000v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

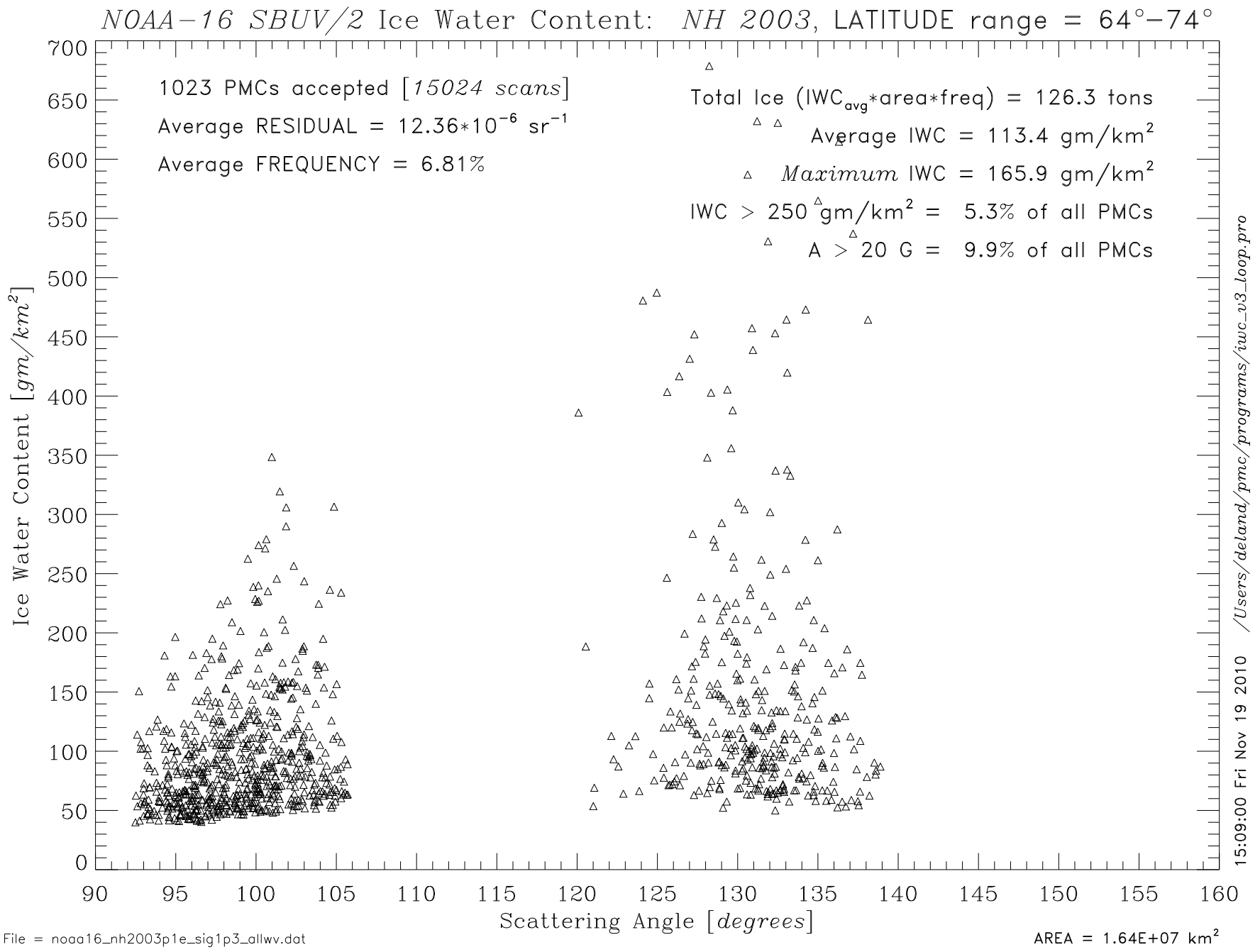

NOAA−14 SBUV/2 Ice Water Content: NH 2004, LATITUDE range = 64°−74°
318 PMCs accepted [14787 scans]
Average RESIDUAL = 10.90∗10^−6 sr^−1
Average FREQUENCY = 2.15%
Total Ice (IWC_avg∗area∗freq) = 40.2 tons
Average IWC = 114.4 gm/km²
Maximum IWC = 180.2 gm/km²
IWC > 250 gm/km² = 3.1% of all PMCs
A > 20 G = 3.1% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
15:08:30 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh2004v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km²

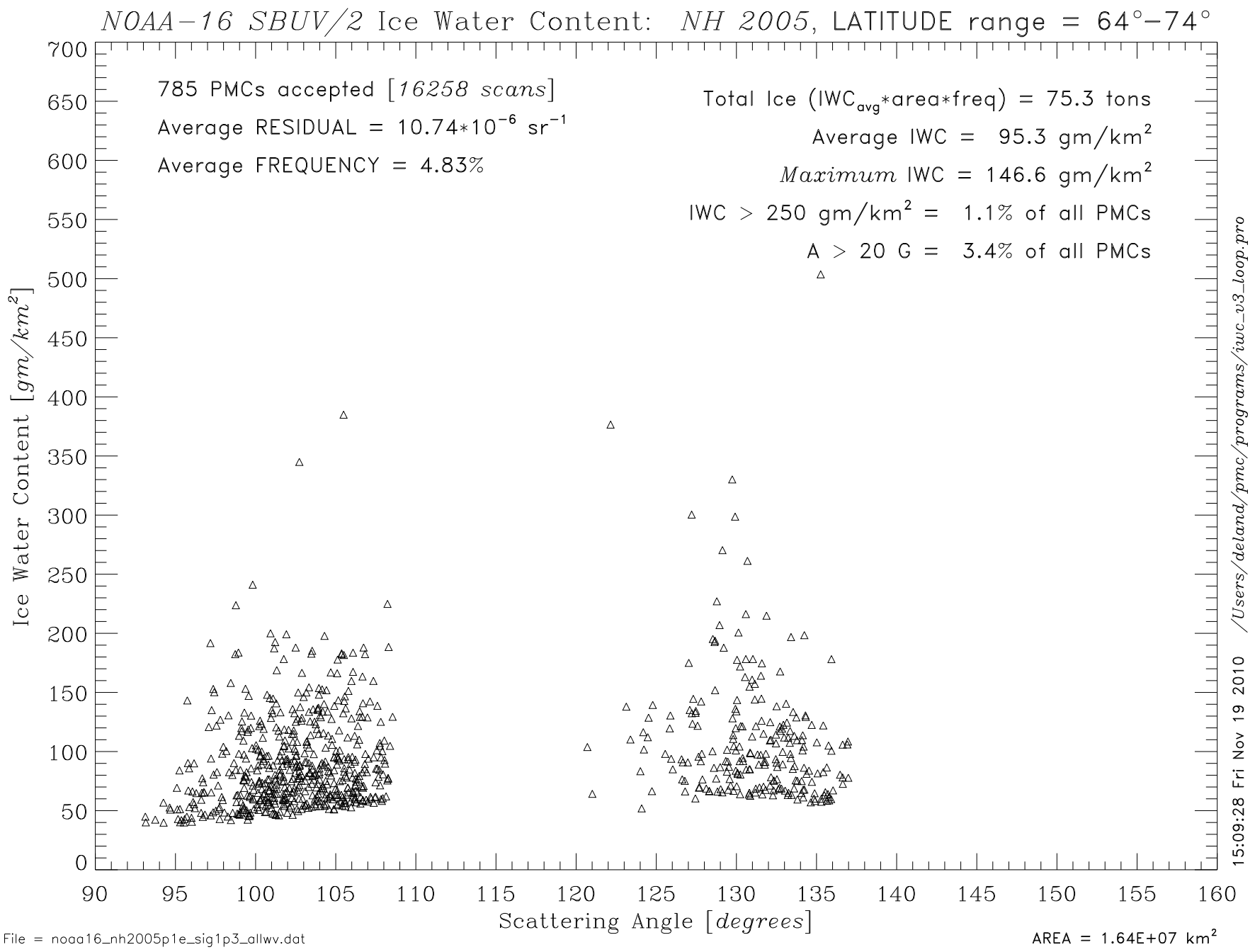

NOAA−14 SBUV/2 Ice Water Content: NH 2005, LATITUDE range = 64°−74°
496 PMCs accepted [14468 scans]
Average RESIDUAL = 10.47*10^-6 sr^-1
Average FREQUENCY = 3.43%
Total Ice (IWC_avg*area*freq) = 58.8 tons
Average IWC = 104.9 gm/km^2
Maximum IWC = 164.3 gm/km^2
IWC > 250 gm/km^2 = 4.0% of all PMCs
A > 20 G = 5.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:08:33 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh2005v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

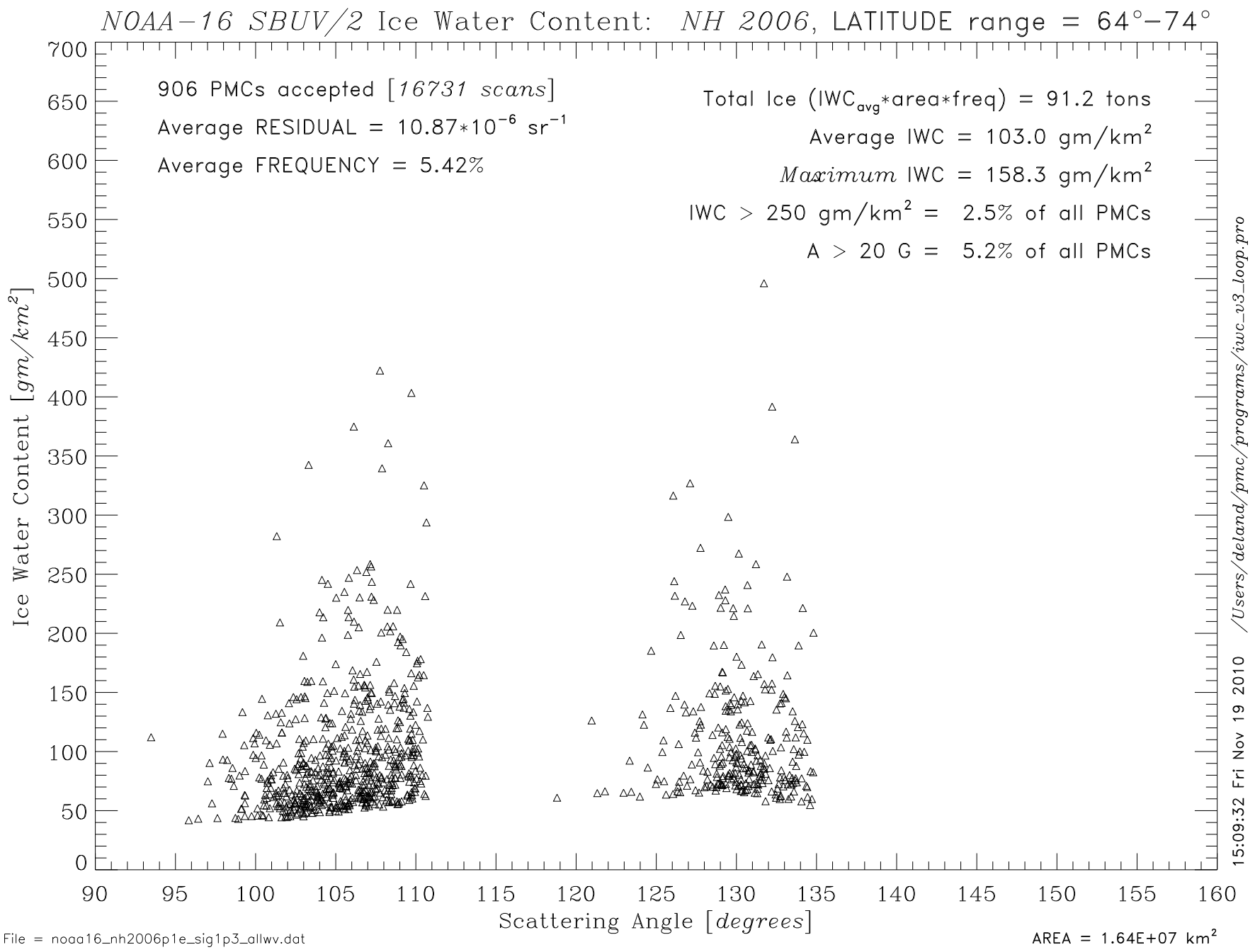

NOAA−14 SBUV/2 Ice Water Content: NH 2006, LATITUDE range = 64°−74°
408 PMCs accepted [12287 scans]
Average RESIDUAL = 11.50*10^-6 sr^-1
Average FREQUENCY = 3.32%
Total Ice (IWC_avg*area*freq) = 61.7 tons
Average IWC = 113.6 gm/km^2
Maximum IWC = 172.2 gm/km^2
IWC > 250 gm/km^2 = 5.1% of all PMCs
A > 20 G = 8.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:08:36 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh2006v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

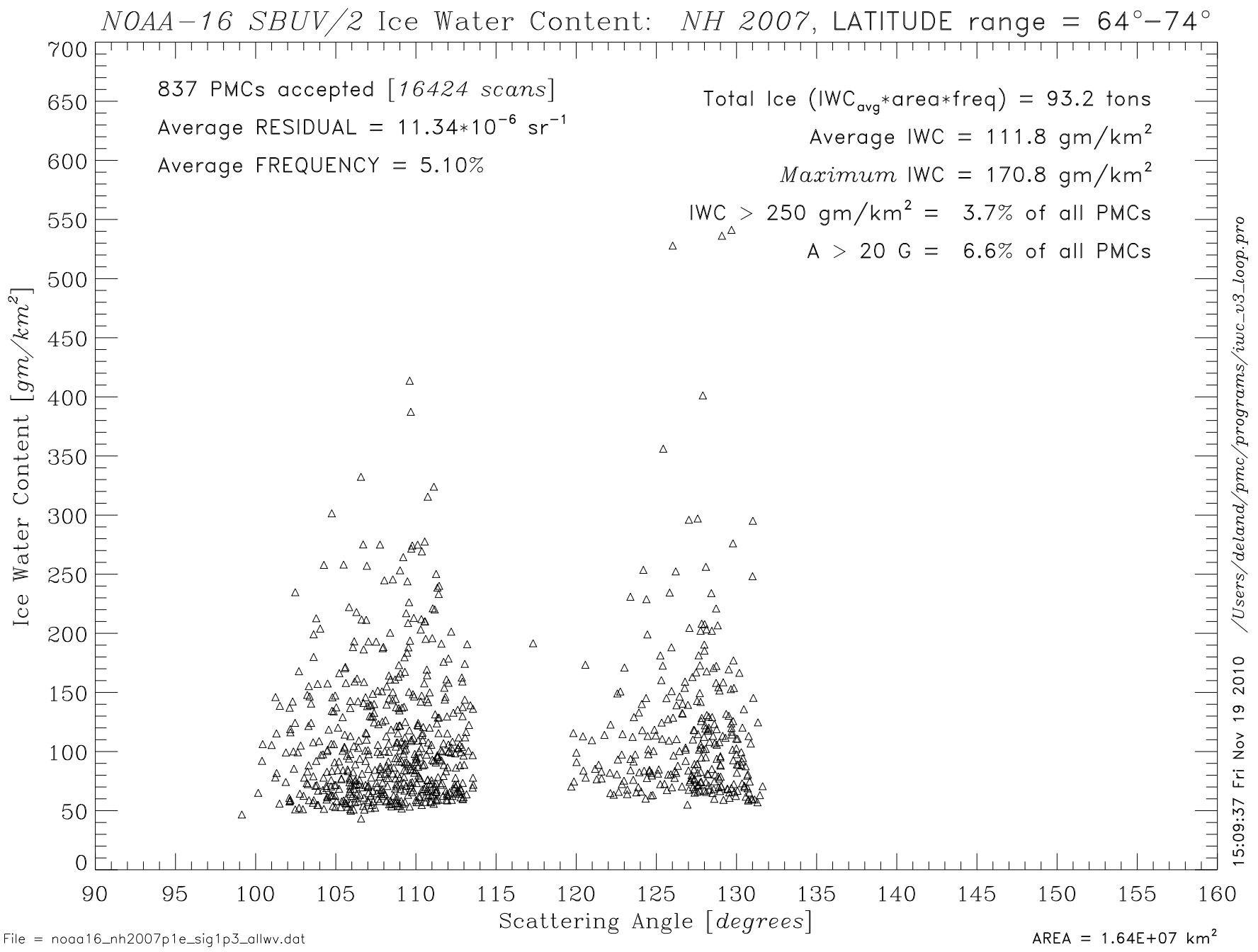

NOAA−16 SBUV/2 Ice Water Content: NH 2001, LATITUDE range = 64°−74°
758 PMCs accepted [14423 scans]
Average RESIDUAL = 11.49∗10^-6 sr^-1
Average FREQUENCY = 5.26%
Total Ice (IWC_avg∗area∗freq) = 82.5 tons
Average IWC = 96.0 gm/km²
Maximum IWC = 143.4 gm/km²
IWC▵> 250 gm/km² = 2.2% of all PMCs
A > 20 G = 6.7% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
15:08:52 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_nh2001p1e_sig1p3_allwv.dat
AREA = 1.64E+07 km²

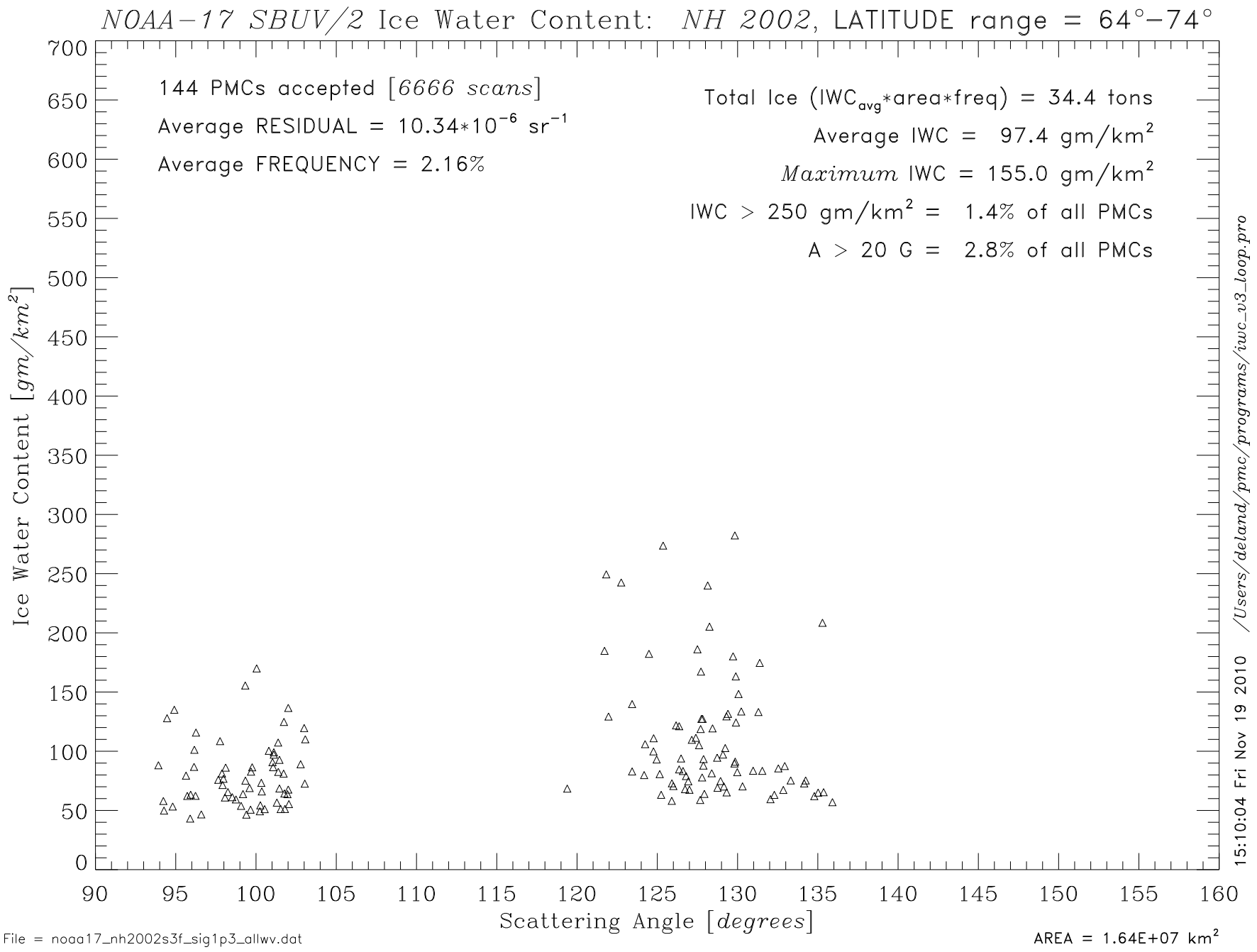

NOAA−16 SBUV/2 Ice Water Content: NH 2002, LATITUDE range = 64°−74°
573 PMCs accepted [14192 scans]
Average RESIDUAL = 11.20*10^-6 sr^-1
Average FREQUENCY = 4.04%
Total Ice (IWC_avg*area*freq) = 60.8 tons
Average IWC = 92.2 gm/km^2
Maximum IWC = 138.7 gm/km^2
IWC > 250 gm/km^2 = 1.0% of all PMCs
A > 20 G = 6.5% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:08:56 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_nh2002p1e_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

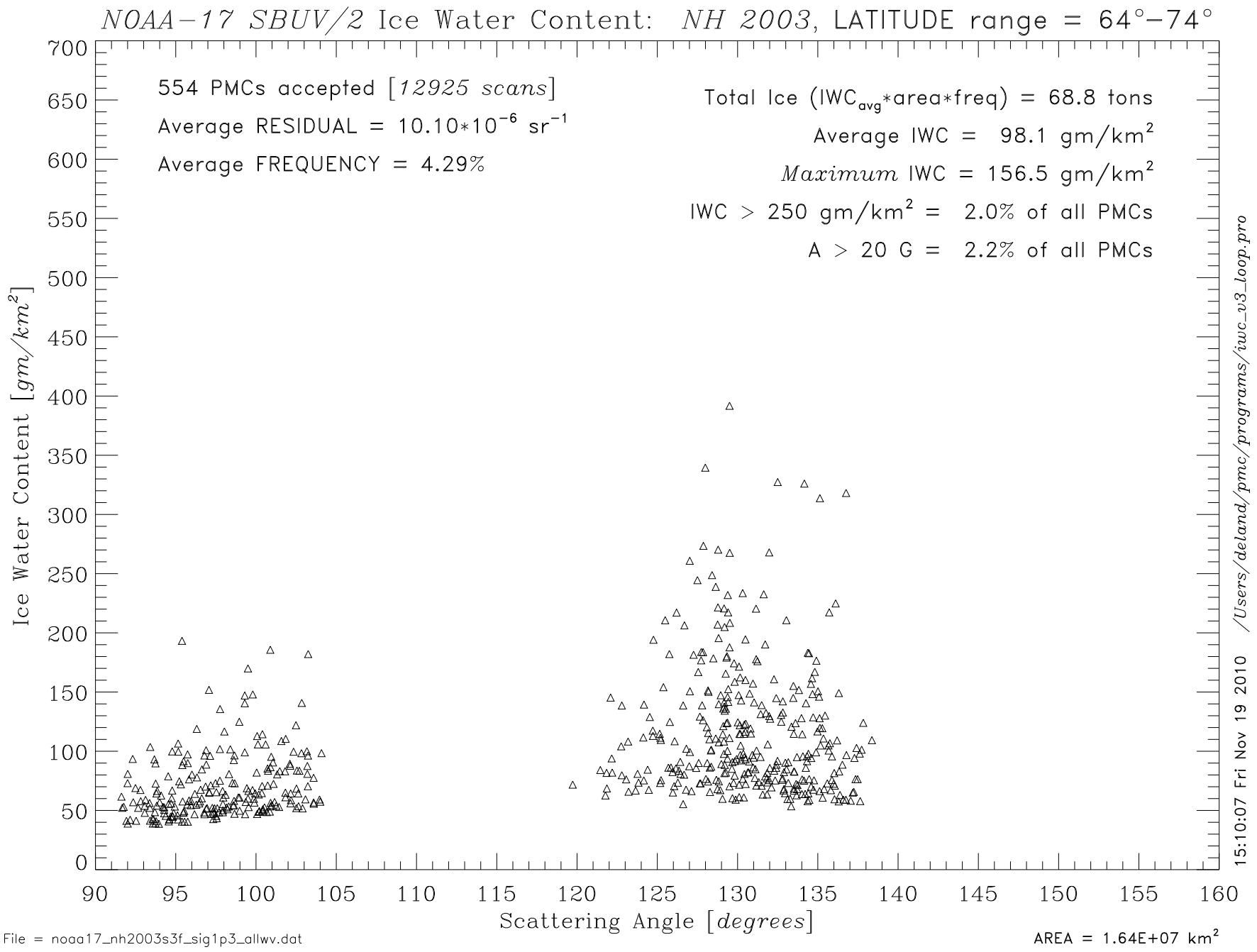

NOAA−16 SBUV/2 Ice Water Content: NH 2003, LATITUDE range = 64°−74°
1023 PMCs accepted [15024 scans]
Average RESIDUAL = 12.36*10^-6 sr^-1
Average FREQUENCY = 6.81%
Total Ice (IWC_avg*area*freq) = 126.3 tons
Average IWC = 113.4 gm/km^2
Maximum IWC = 165.9 gm/km^2
IWC > 250 gm/km^2 = 5.3% of all PMCs
A > 20 G = 9.9% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:09:00 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_nh2003p1e_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

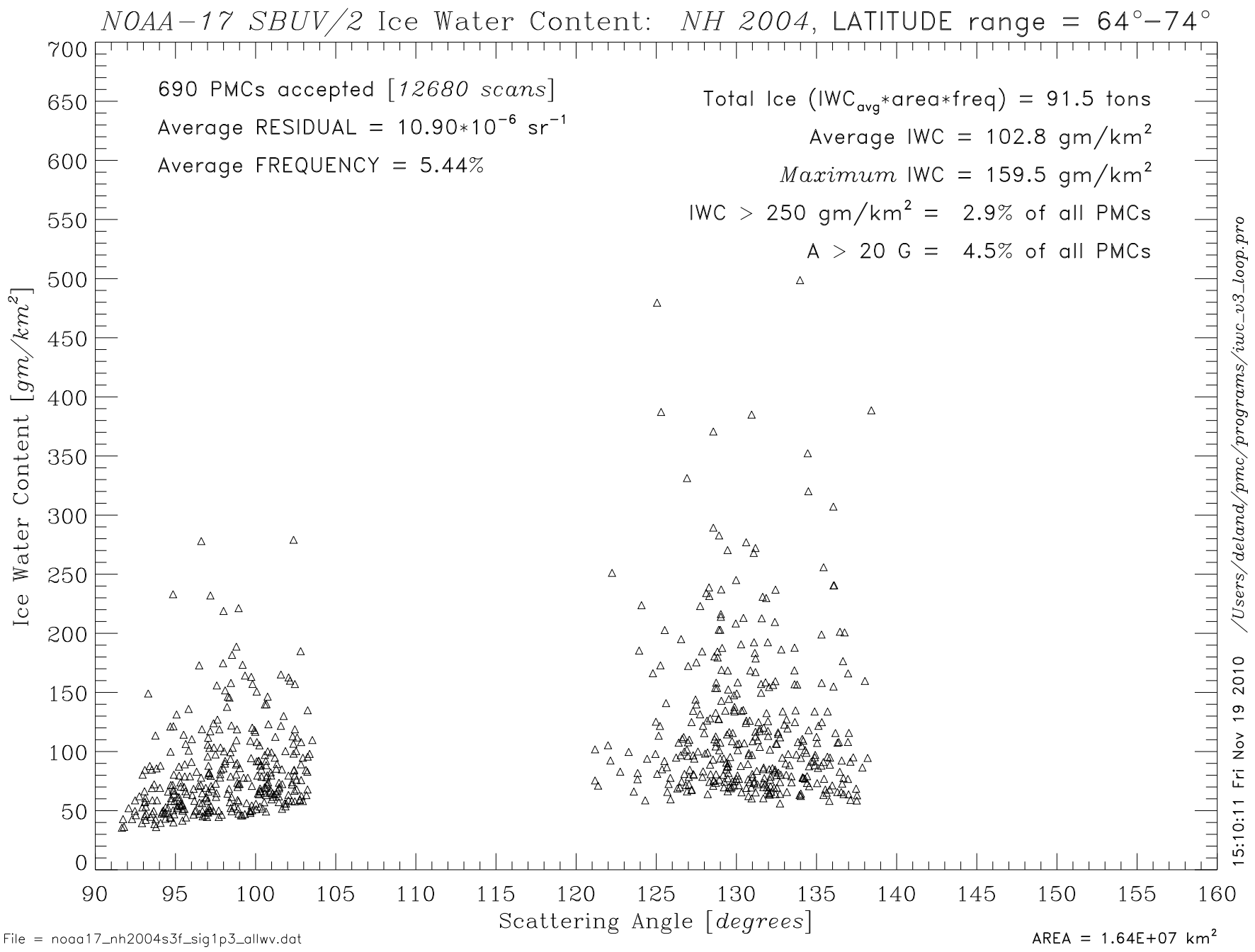

NOAA−16 SBUV/2 Ice Water Content: NH 2005, LATITUDE range = 64°−74°
785 PMCs accepted [16258 scans]
Average RESIDUAL = 10.74∗10^−6 sr^−1
Average FREQUENCY = 4.83%
Total Ice (IWC_avg∗area∗freq) = 75.3 tons
Average IWC = 95.3 gm/km²
Maximum IWC = 146.6 gm/km²
IWC > 250 gm/km² = 1.1% of all PMCs
A > 20 G = 3.4% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:09:28 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_nh2005p1e_sig1p3_allwv.dat
AREA = 1.64E+07 km²

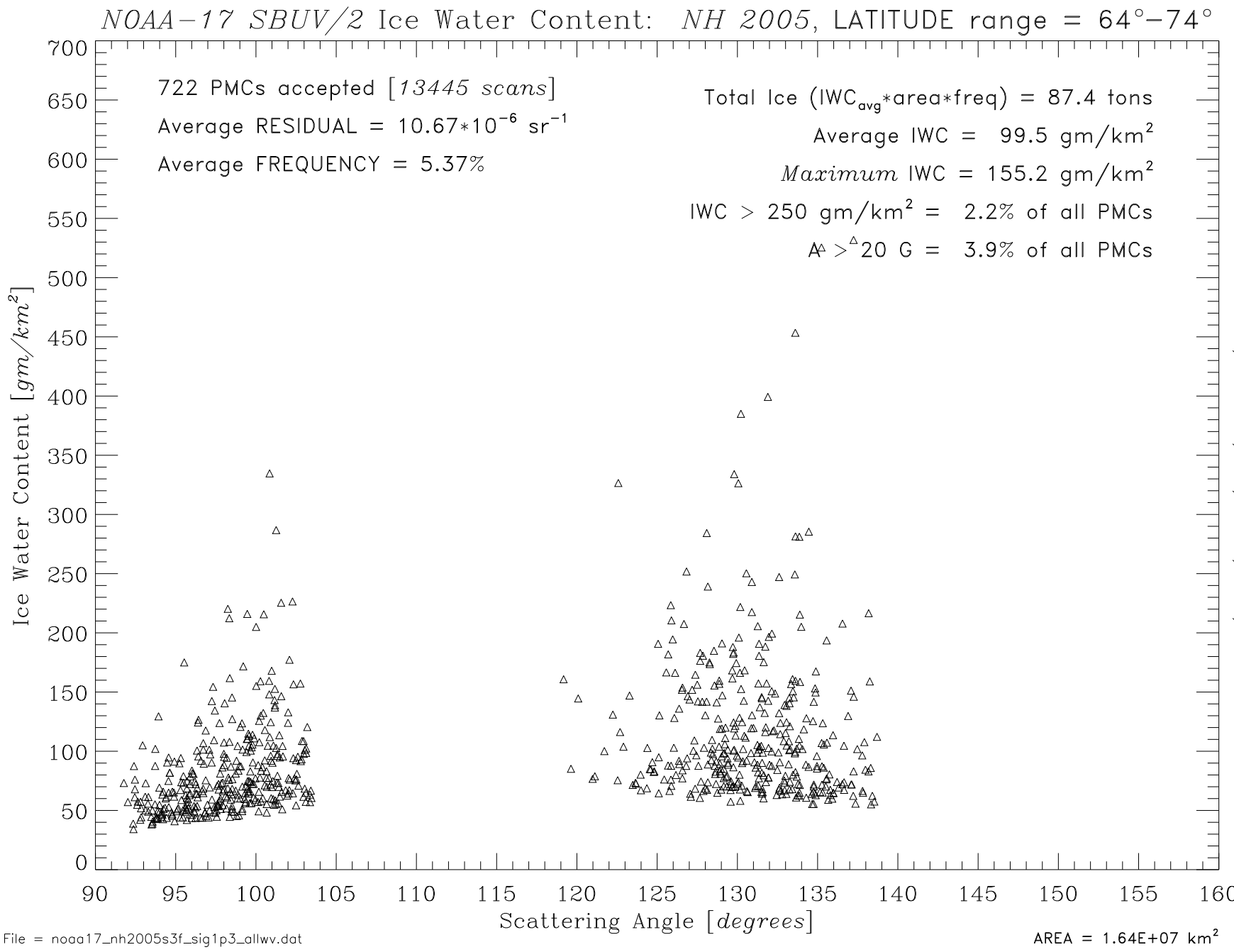

NOAA−16 SBUV/2 Ice Water Content: NH 2006, LATITUDE range = 64°−74°
906 PMCs accepted [16731 scans]
Average RESIDUAL = 10.87*10^-6 sr^-1
Average FREQUENCY = 5.42%
Total Ice (IWC_avg*area*freq) = 91.2 tons
Average IWC = 103.0 gm/km^2
Maximum IWC = 158.3 gm/km^2
IWC > 250 gm/km^2 = 2.5% of all PMCs
A > 20 G = 5.2% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:09:32 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_nh2006p1e_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

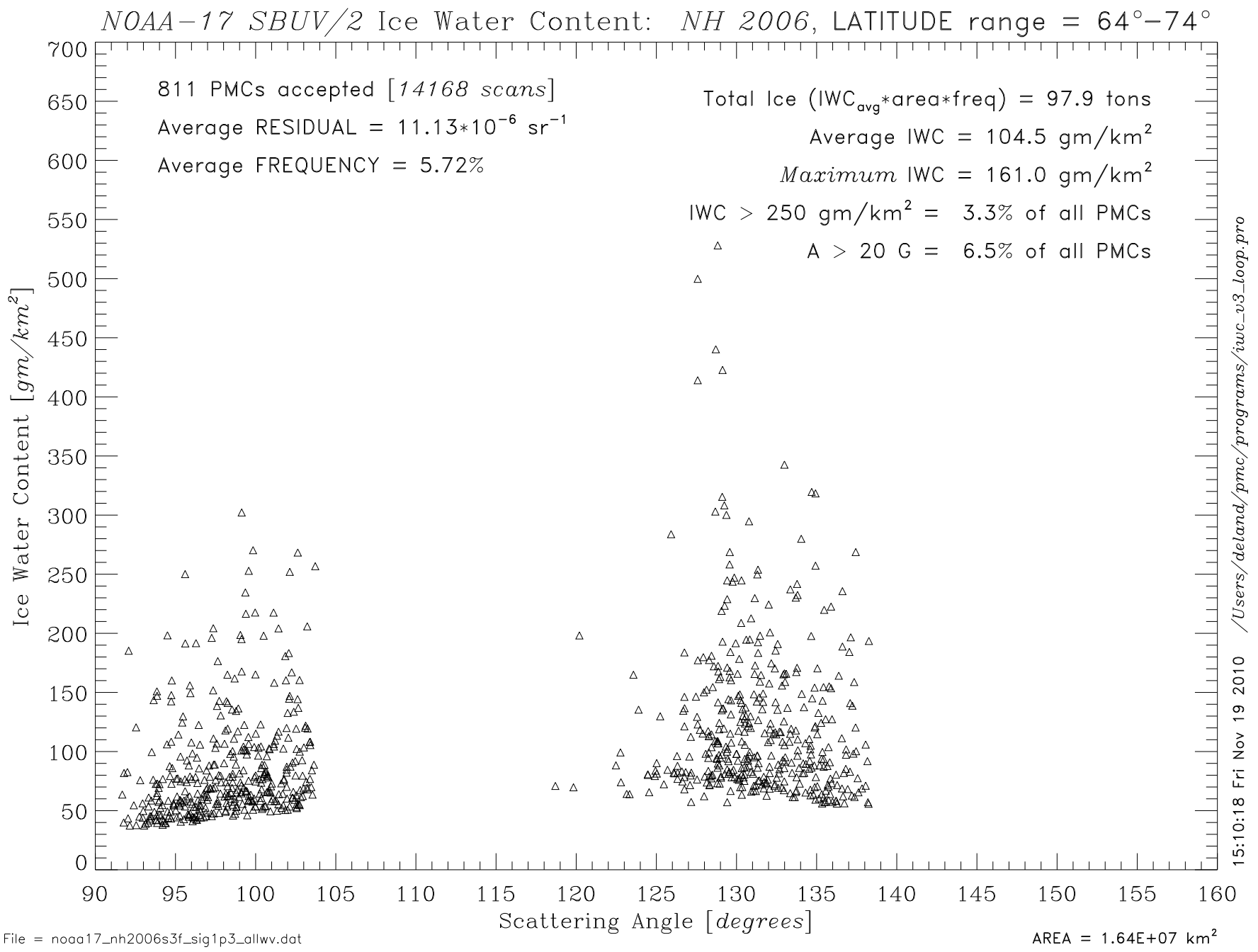

NOAA−16 SBUV/2 Ice Water Content: NH 2007, LATITUDE range = 64°−74°
837 PMCs accepted [16424 scans]
Average RESIDUAL = 11.34*10^-6 sr^-1
Average FREQUENCY = 5.10%
Total Ice (IWC_avg*area*freq) = 93.2 tons
Average IWC = 111.8 gm/km^2
Maximum IWC = 170.8 gm/km^2
IWC > 250 gm/km^2 = 3.7% of all PMCs
A > 20 G = 6.6% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:09:37 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_nh2007p1e_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

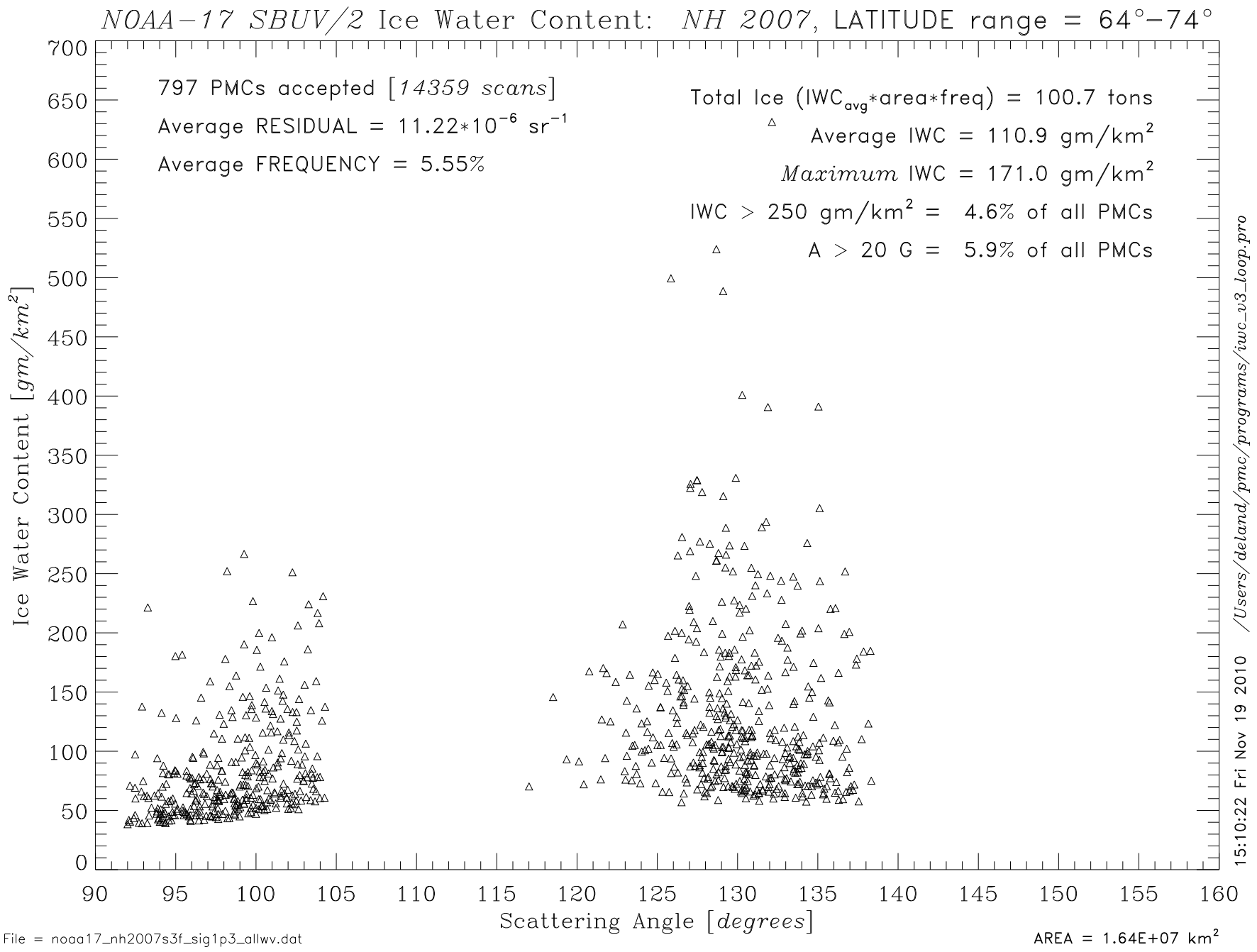

NOAA−17 SBUV/2 Ice Water Content: NH 2002, LATITUDE range = 64°−74°
144 PMCs accepted [6666 scans]
Average RESIDUAL = 10.34*10^-6 sr^-1
Average FREQUENCY = 2.16%
Total Ice (IWC_avg*area*freq) = 34.4 tons
Average IWC = 97.4 gm/km^2
Maximum IWC = 155.0 gm/km^2
IWC > 250 gm/km^2 = 1.4% of all PMCs
A > 20 G = 2.8% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:10:04 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2002s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

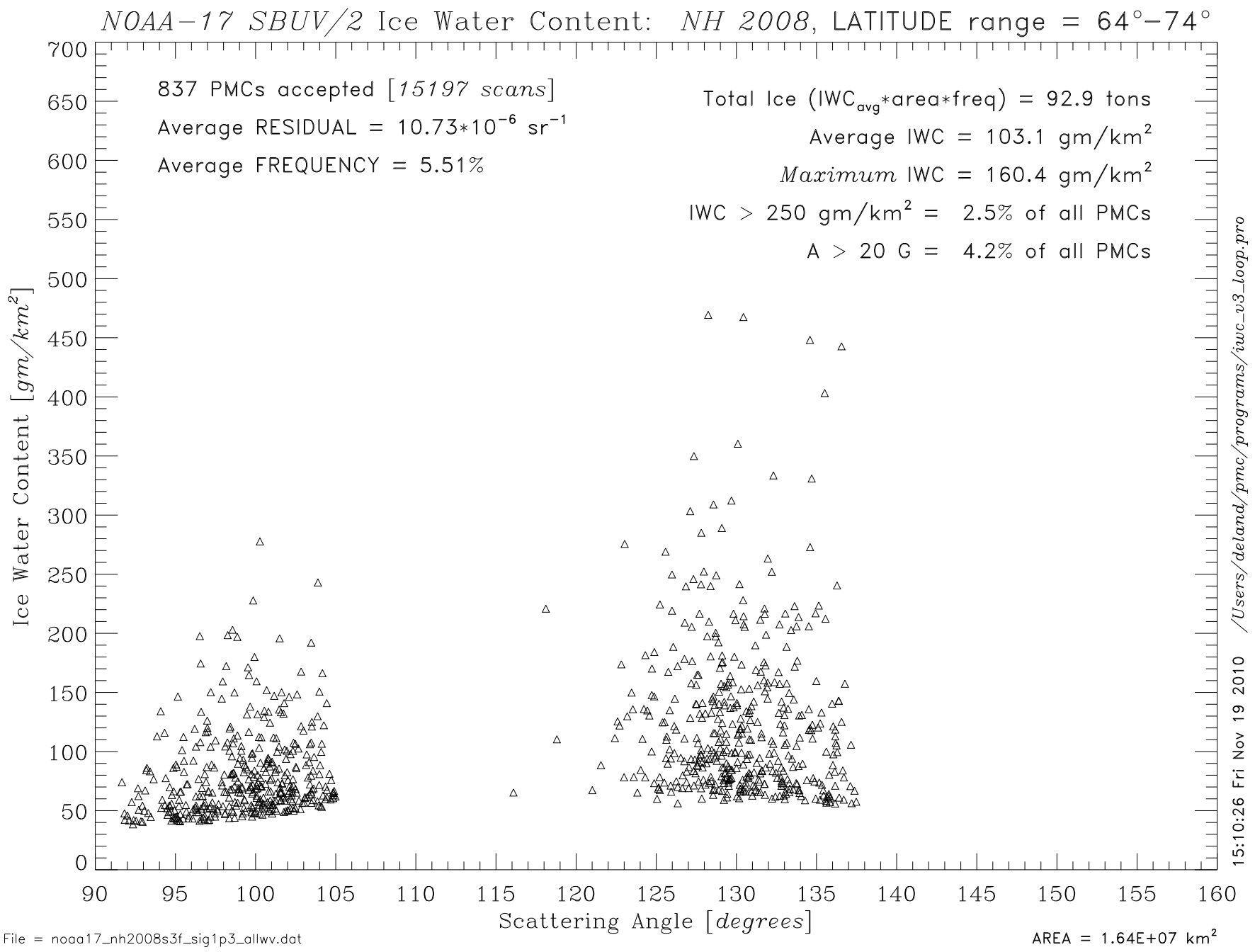

NOAA−17 SBUV/2 Ice Water Content: NH 2003, LATITUDE range = 64°−74°
554 PMCs accepted [12925 scans]
Average RESIDUAL = 10.10*10^-6 sr^-1
Average FREQUENCY = 4.29%
Total Ice (IWC_avg*area*freq) = 68.8 tons
Average IWC = 98.1 gm/km^2
Maximum IWC = 156.5 gm/km^2
IWC > 250 gm/km^2 = 2.0% of all PMCs
A > 20 G = 2.2% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:10:07 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2003s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

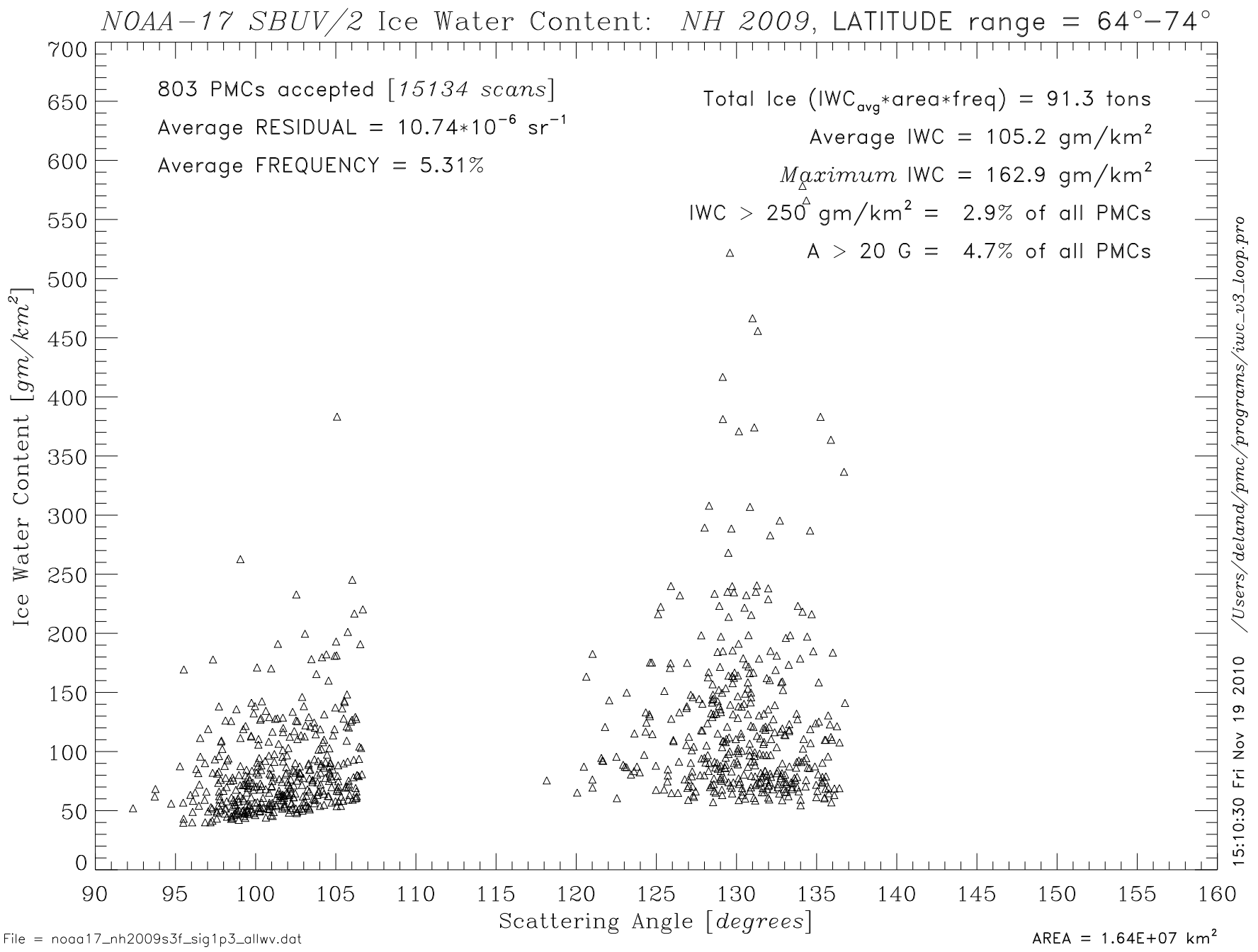

NOAA−17 SBUV/2 Ice Water Content: NH 2004, LATITUDE range = 64°−74°
690 PMCs accepted [12680 scans]
Average RESIDUAL = 10.90*10^-6 sr^-1
Average FREQUENCY = 5.44%
Total Ice (IWC_avg*area*freq) = 91.5 tons
Average IWC = 102.8 gm/km^2
Maximum IWC = 159.5 gm/km^2
IWC > 250 gm/km^2 = 2.9% of all PMCs
A > 20 G = 4.5% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:10:11 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2004s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

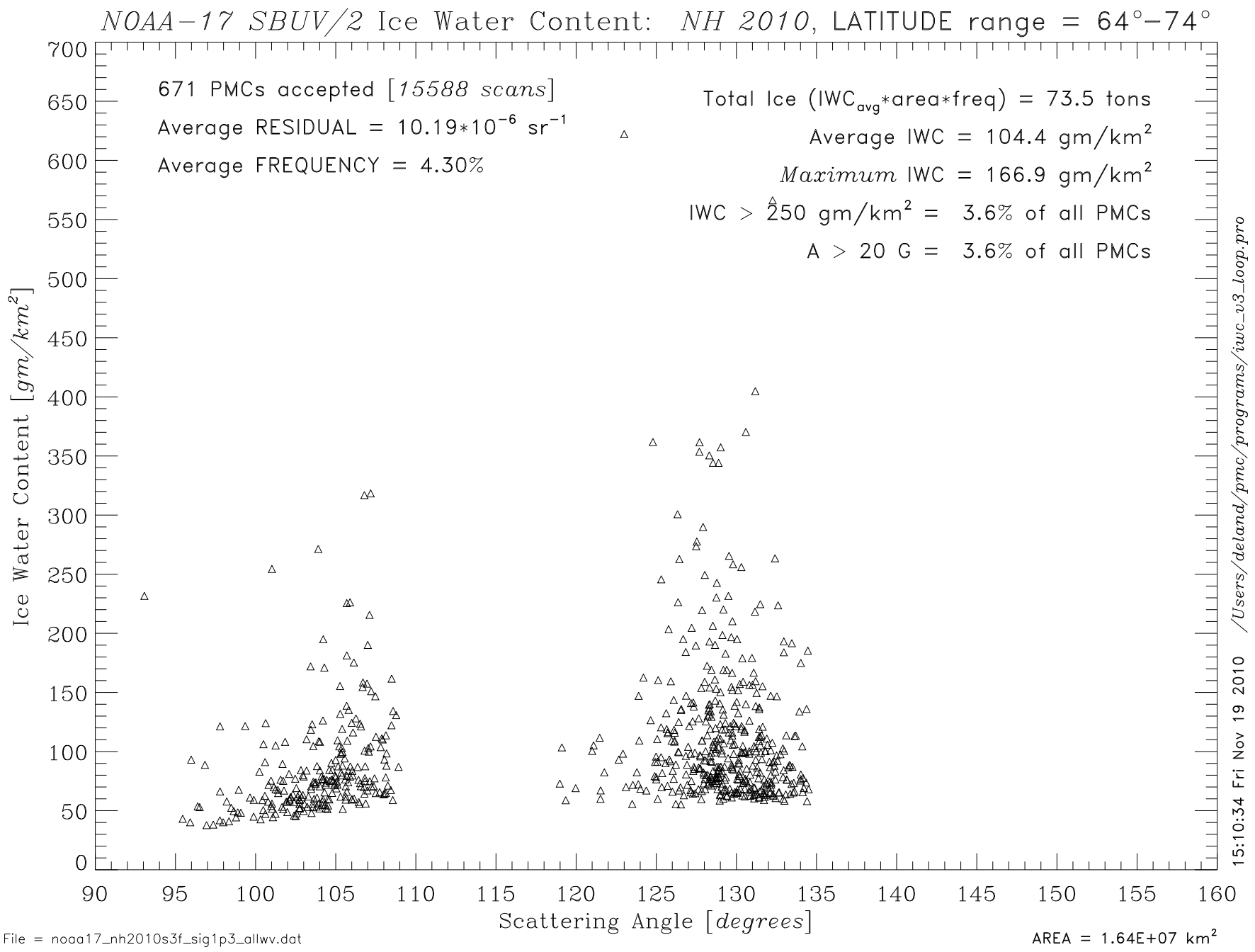

NOAA−17 SBUV/2 Ice Water Content: NH 2005, LATITUDE range = 64°−74°
722 PMCs accepted [13445 scans]
Average RESIDUAL = 10.67∗10^−6 sr^−1
Average FREQUENCY = 5.37%
Total Ice (IWC_avg∗area∗freq) = 87.4 tons
Average IWC = 99.5 gm/km²
Maximum IWC = 155.2 gm/km²
IWC > 250 gm/km² = 2.2% of all PMCs
A > 20 G = 3.9% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
15:10:14 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2005s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km²

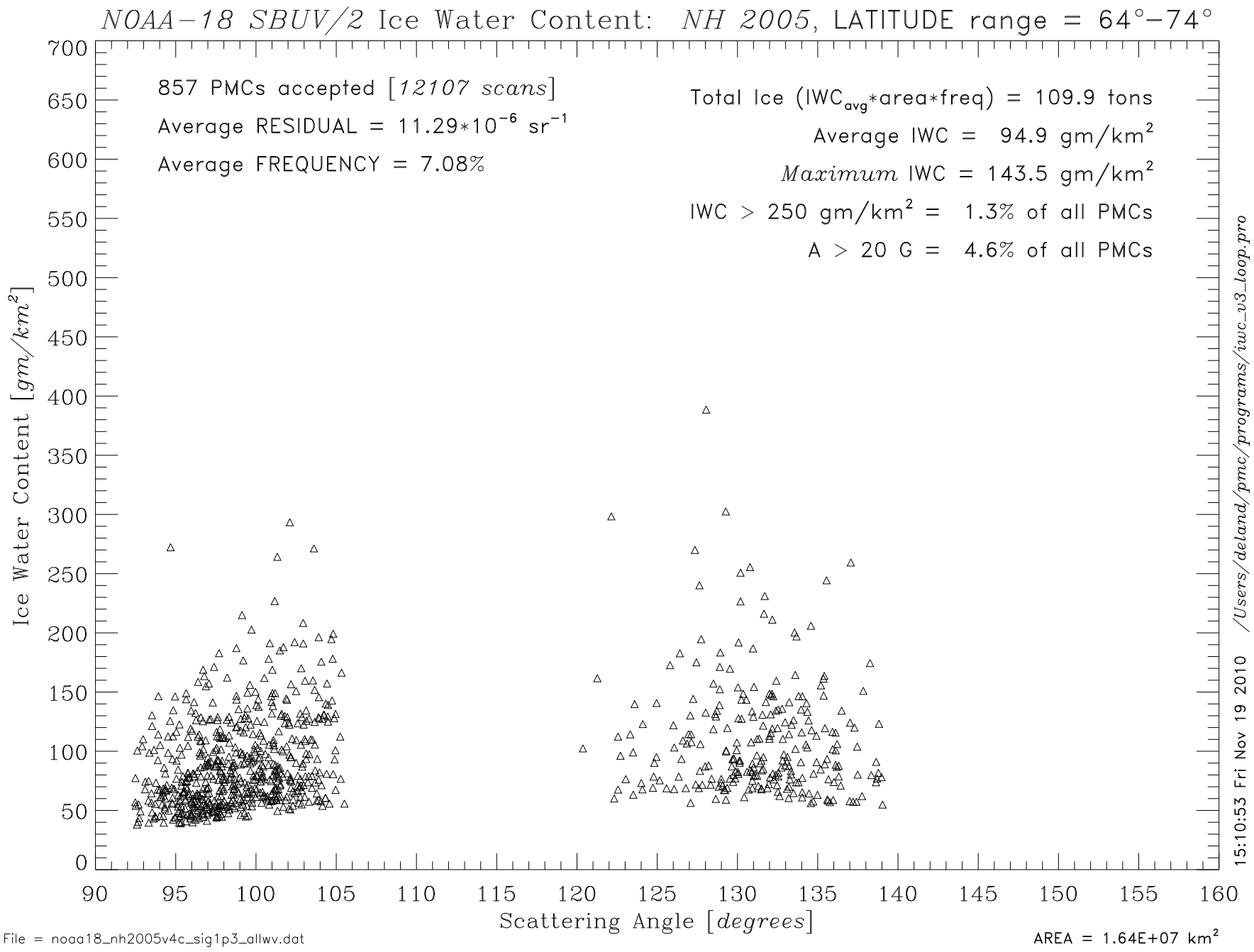

NOAA−17 SBUV/2 Ice Water Content: NH 2006, LATITUDE range = 64°−74°
811 PMCs accepted [14168 scans]
Average RESIDUAL = 11.13*10^-6 sr^-1
Average FREQUENCY = 5.72%
Total Ice (IWC_avg*area*freq) = 97.9 tons
Average IWC = 104.5 gm/km^2
Maximum IWC = 161.0 gm/km^2
IWC > 250 gm/km^2 = 3.3% of all PMCs
A > 20 G = 6.5% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:10:18 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2006s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

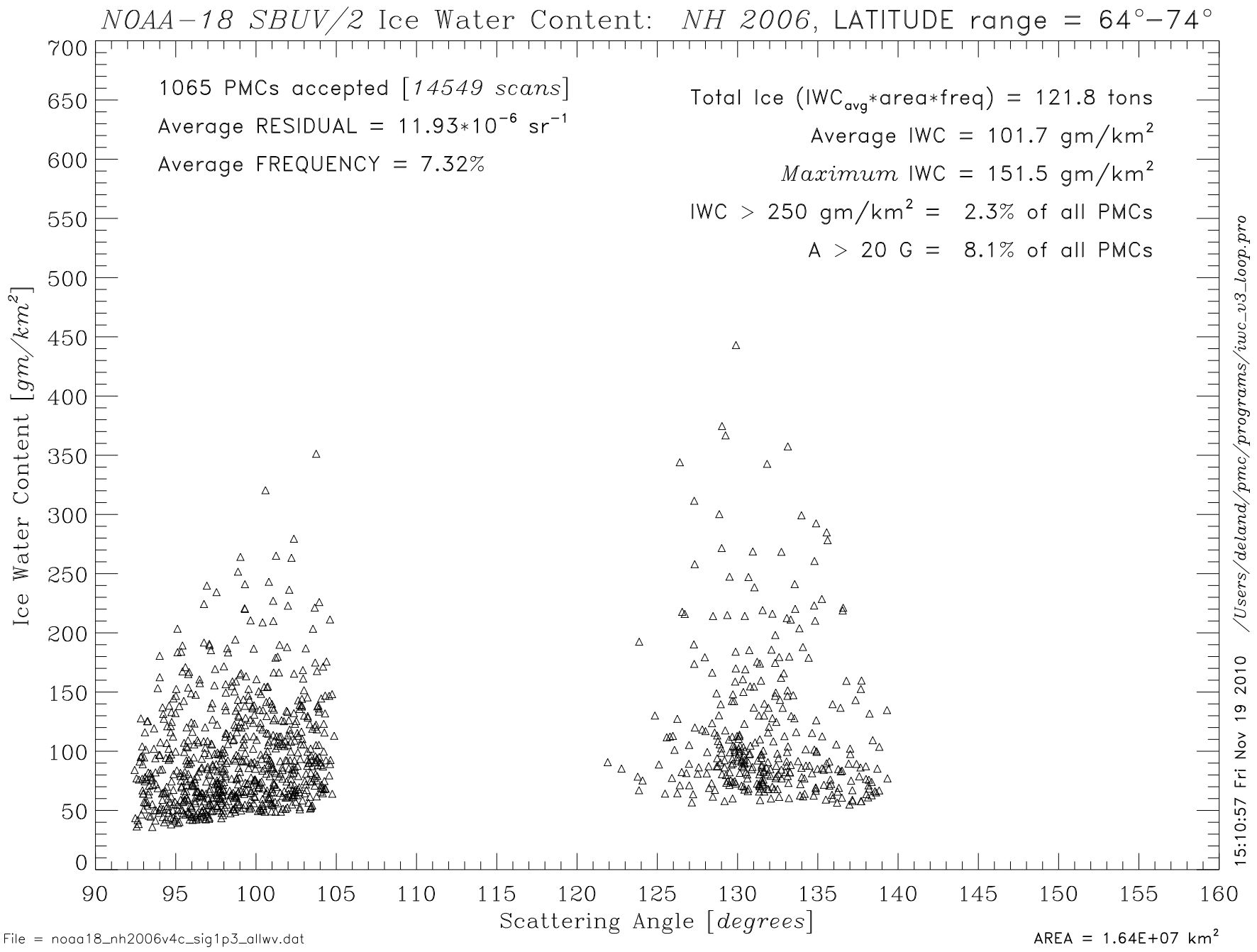

NOAA−17 SBUV/2 Ice Water Content: NH 2007, LATITUDE range = 64°−74°
797 PMCs accepted [14359 scans]
Average RESIDUAL = 11.22*10^-6 sr^-1
Average FREQUENCY = 5.55%
Total Ice (IWC_avg*area*freq) = 100.7 tons
Average IWC = 110.9 gm/km^2
Maximum IWC = 171.0 gm/km^2
IWC > 250 gm/km^2 = 4.6% of all PMCs
A > 20 G = 5.9% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:10:22 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2007s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

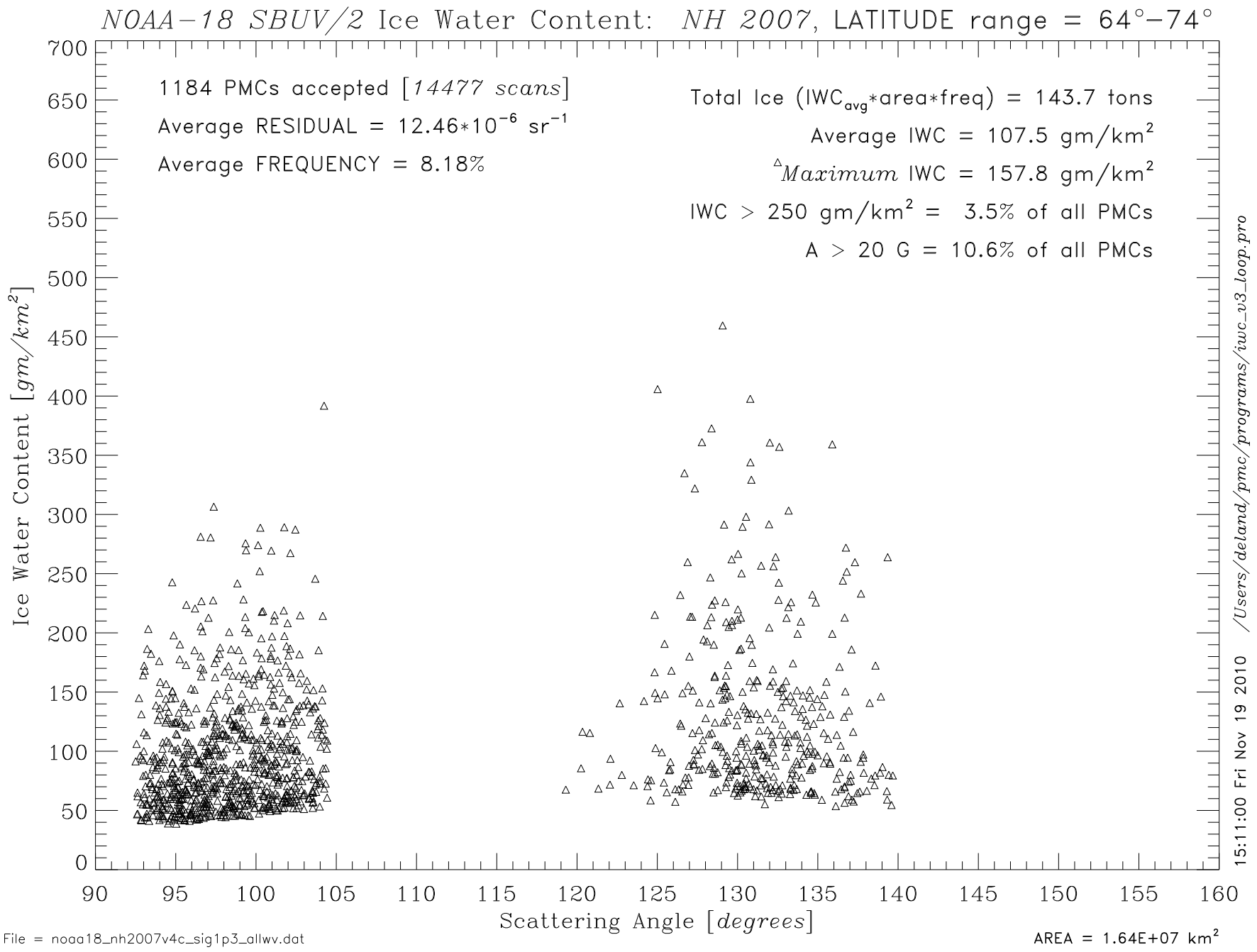

NOAA−17 SBUV/2 Ice Water Content: NH 2008, LATITUDE range = 64°−74°
837 PMCs accepted [15197 scans]
Average RESIDUAL = 10.73*10^-6 sr^-1
Average FREQUENCY = 5.51%
Total Ice (IWC_avg*area*freq) = 92.9 tons
Average IWC = 103.1 gm/km^2
Maximum IWC = 160.4 gm/km^2
IWC > 250 gm/km^2 = 2.5% of all PMCs
A > 20 G = 4.2% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:10:26 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2008s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

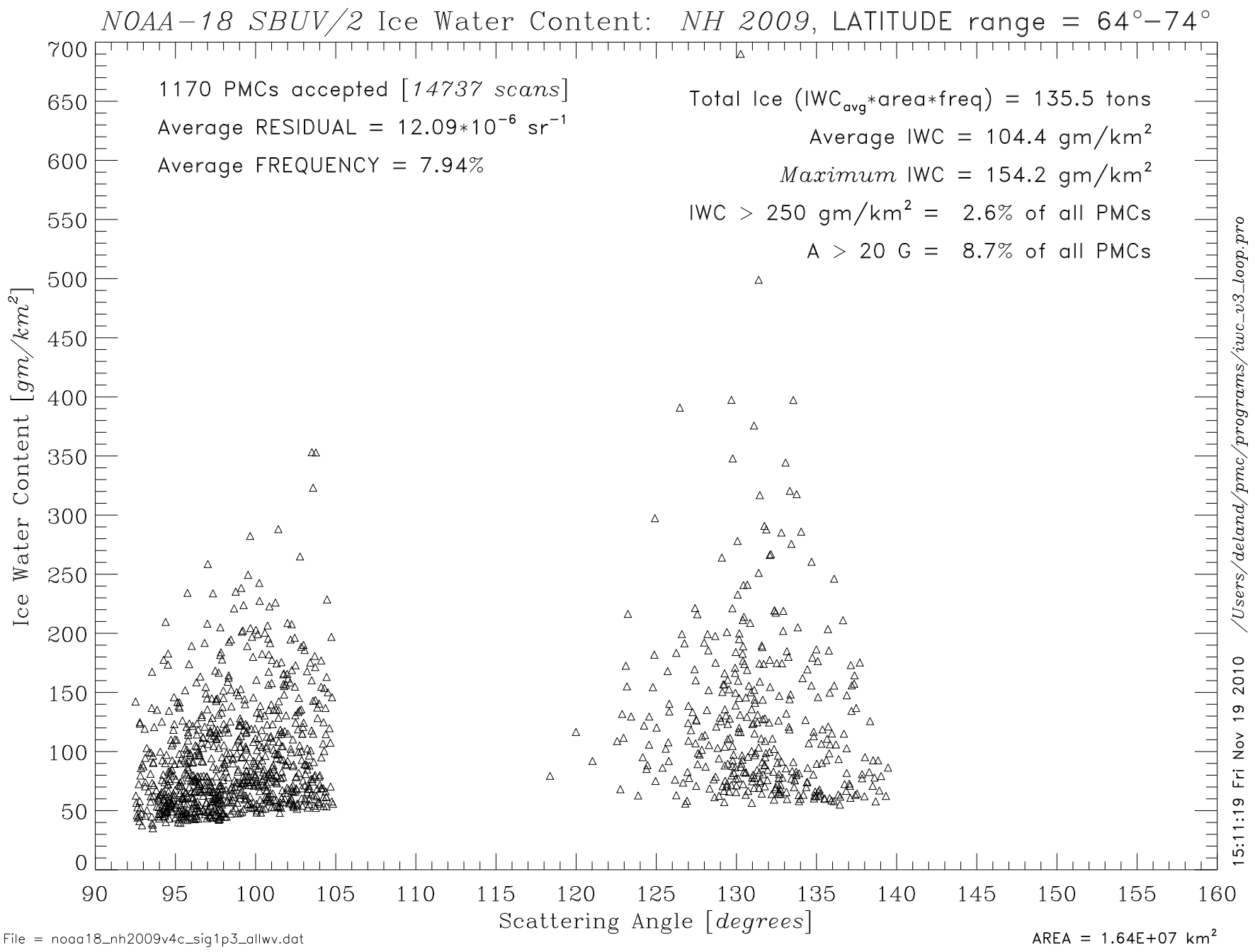

NOAA−17 SBUV/2 Ice Water Content: NH 2009, LATITUDE range = 64°−74°
803 PMCs accepted [15134 scans]
Average RESIDUAL = 10.74*10^-6 sr^-1
Average FREQUENCY = 5.31%
Total Ice (IWC_avg*area*freq) = 91.3 tons
Average IWC = 105.2 gm/km²
Maximum IWC = 162.9 gm/km²
IWC > 250 gm/km² = 2.9% of all PMCs
A > 20 G = 4.7% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
15:10:30 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2009s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km²

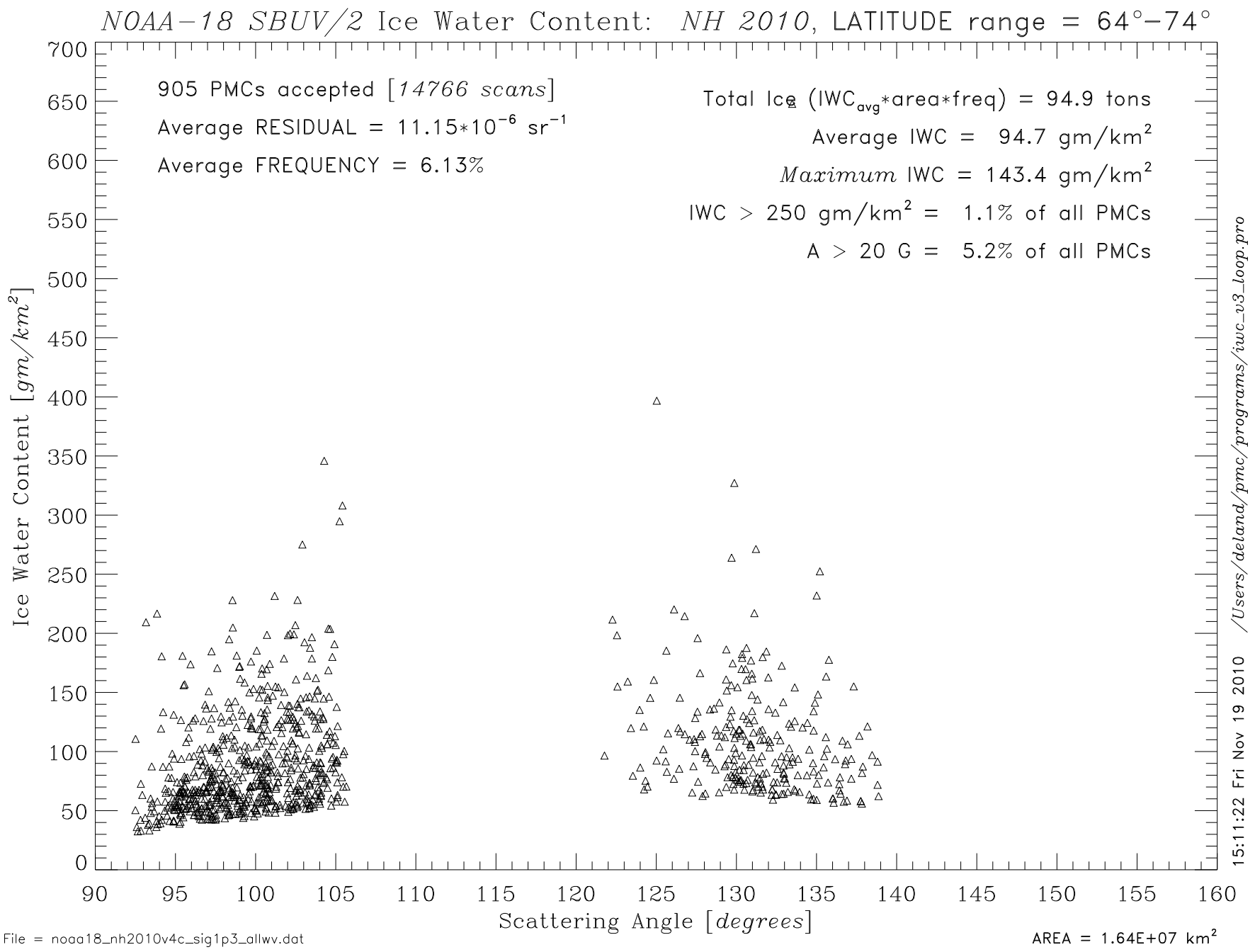

NOAA−17 SBUV/2 Ice Water Content: NH 2010, LATITUDE range = 64°−74°
671 PMCs accepted [15588 scans]
Average RESIDUAL = 10.19∗10^−6 sr^−1
Average FREQUENCY = 4.30%
Total Ice (IWC_avg∗area∗freq) = 73.5 tons
Average IWC = 104.4 gm/km²
Maximum IWC = 166.9 gm/km²
IWC > 250 gm/km² = 3.6% of all PMCs
A > 20 G = 3.6% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:10:34 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2010s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km²

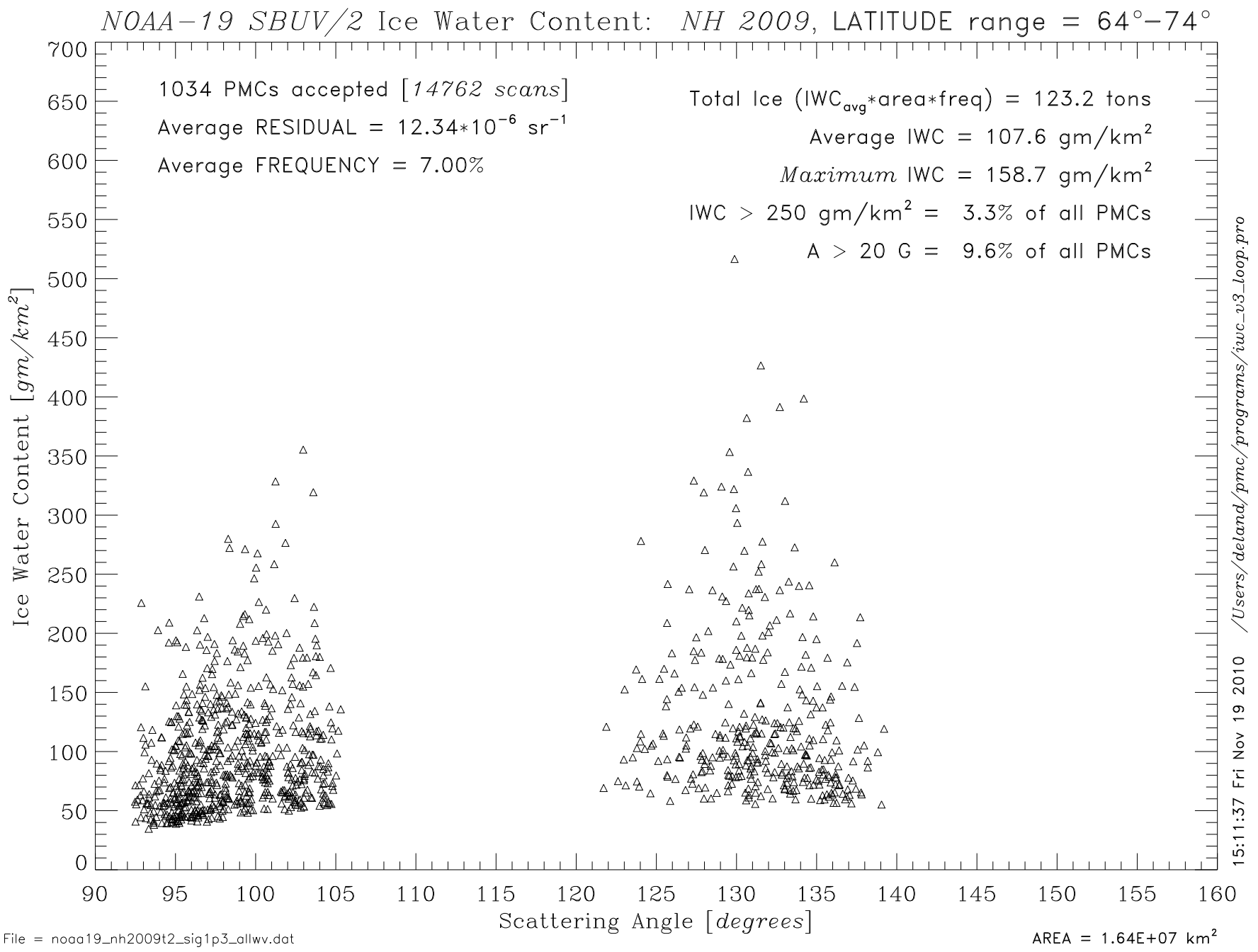

NOAA−18 SBUV/2 Ice Water Content: NH 2005, LATITUDE range = 64°−74°
857 PMCs accepted [12107 scans]
Average RESIDUAL = 11.29*10^-6 sr^-1
Average FREQUENCY = 7.08%
Total Ice (IWC_avg*area*freq) = 109.9 tons
Average IWC = 94.9 gm/km^2
Maximum IWC = 143.5 gm/km^2
IWC > 250 gm/km^2 = 1.3% of all PMCs
A > 20 G = 4.6% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:10:53 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_nh2005v4c_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

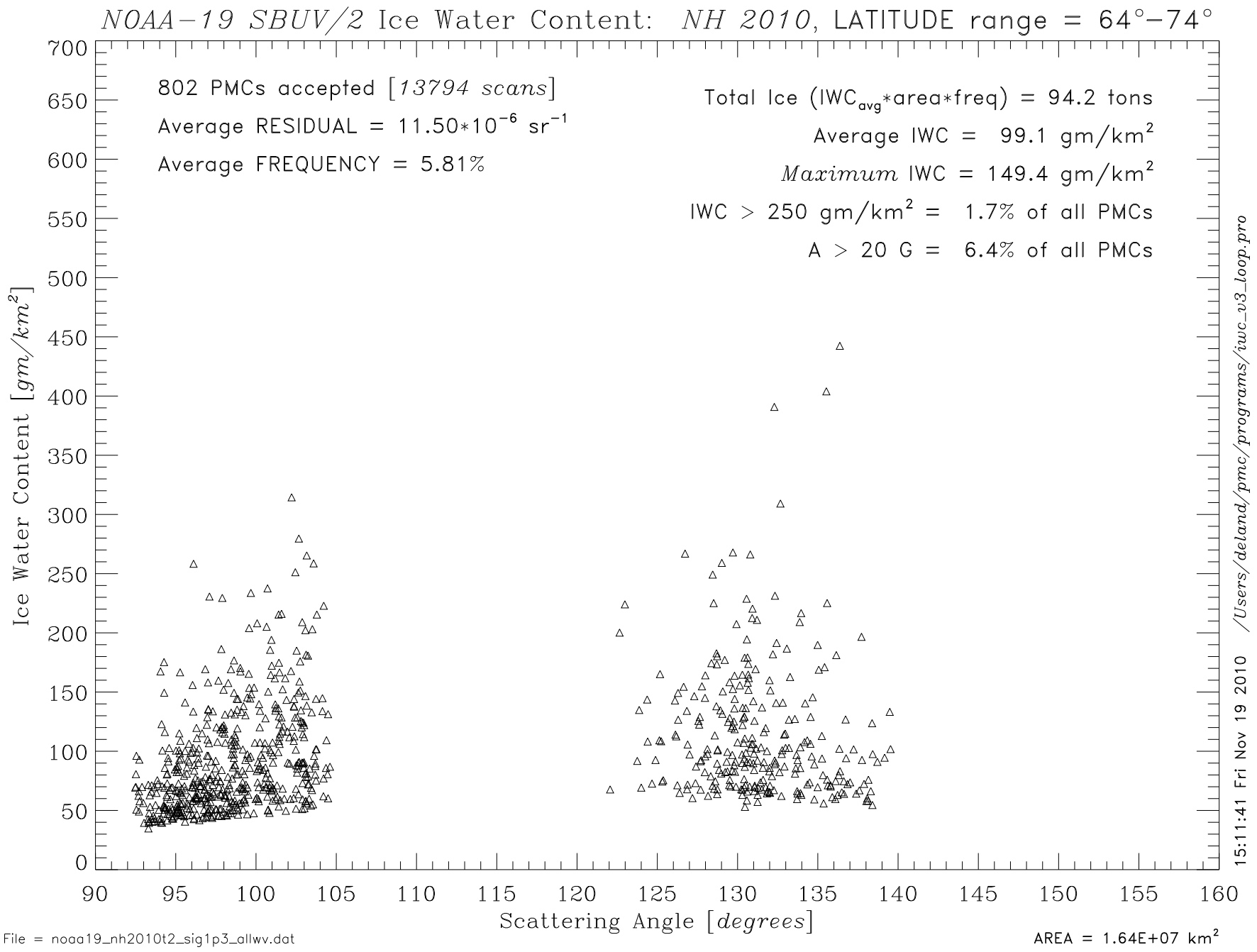

NOAA−18 SBUV/2 Ice Water Content: NH 2006, LATITUDE range = 64°−74°
1065 PMCs accepted [14549 scans]
Average RESIDUAL = 11.93*10^-6 sr^-1
Average FREQUENCY = 7.32%
Total Ice (IWC_avg*area*freq) = 121.8 tons
Average IWC = 101.7 gm/km^2
Maximum IWC = 151.5 gm/km^2
IWC > 250 gm/km^2 = 2.3% of all PMCs
A > 20 G = 8.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:10:57 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_nh2006v4c_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: NH 2007, LATITUDE range = 64°−74°
1184 PMCs accepted [14477 scans]
Average RESIDUAL = 12.46*10^-6 sr^-1
Average FREQUENCY = 8.18%
Total Ice (IWC_avg*area*freq) = 143.7 tons
Average IWC = 107.5 gm/km^2
Maximum IWC = 157.8 gm/km^2
IWC > 250 gm/km^2 = 3.5% of all PMCs
A > 20 G = 10.6% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:11:00 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_nh2007v4c_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: NH 2009, LATITUDE range = 64°−74°
1170 PMCs accepted [14737 scans]
Average RESIDUAL = 12.09∗10^−6 sr^−1
Average FREQUENCY = 7.94%
Total Ice (IWC_avg∗area∗freq) = 135.5 tons
Average IWC = 104.4 gm/km²
Maximum IWC = 154.2 gm/km²
IWC > 250 gm/km² = 2.6% of all PMCs
A > 20 G = 8.7% of all PMCs
Ice Water Content [gm/km²]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:11:19 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_nh2009v4c_sig1p3_allwv.dat
AREA = 1.64E+07 km²


NOAA−18 SBUV/2 Ice Water Content: NH 2010, LATITUDE range = 64°−74°
905 PMCs accepted [14766 scans]
Average RESIDUAL = 11.15*10^-6 sr^-1
Average FREQUENCY = 6.13%
Total Ice (IWC_avg*area*freq) = 94.9 tons
Average IWC = 94.7 gm/km^2
Maximum IWC = 143.4 gm/km^2
IWC > 250 gm/km^2 = 1.1% of all PMCs
A > 20 G = 5.2% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:11:22 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_nh2010v4c_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−19 SBUV/2 Ice Water Content: NH 2009, LATITUDE range = 64°−74°
1034 PMCs accepted [14762 scans]
Average RESIDUAL = 12.34*10^-6 sr^-1
Average FREQUENCY = 7.00%
Total Ice (IWC_avg*area*freq) = 123.2 tons
Average IWC = 107.6 gm/km^2
Maximum IWC = 158.7 gm/km^2
IWC > 250 gm/km^2 = 3.3% of all PMCs
A > 20 G = 9.6% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:11:37 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa19_nh2009t2_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−19 SBUV/2 Ice Water Content: NH 2010, LATITUDE range = 64°−74°
802 PMCs accepted [13794 scans]
Average RESIDUAL = 11.50*10^-6 sr^-1
Average FREQUENCY = 5.81%
Total Ice (IWC_avg*area*freq) = 94.2 tons
Average IWC = 99.1 gm/km^2
Maximum IWC = 149.4 gm/km^2
IWC > 250 gm/km^2 = 1.7% of all PMCs
A > 20 G = 6.4% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
15:11:41 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa19_nh2010t2_sig1p3_allwv.dat
AREA = 1.64E+07 km^2