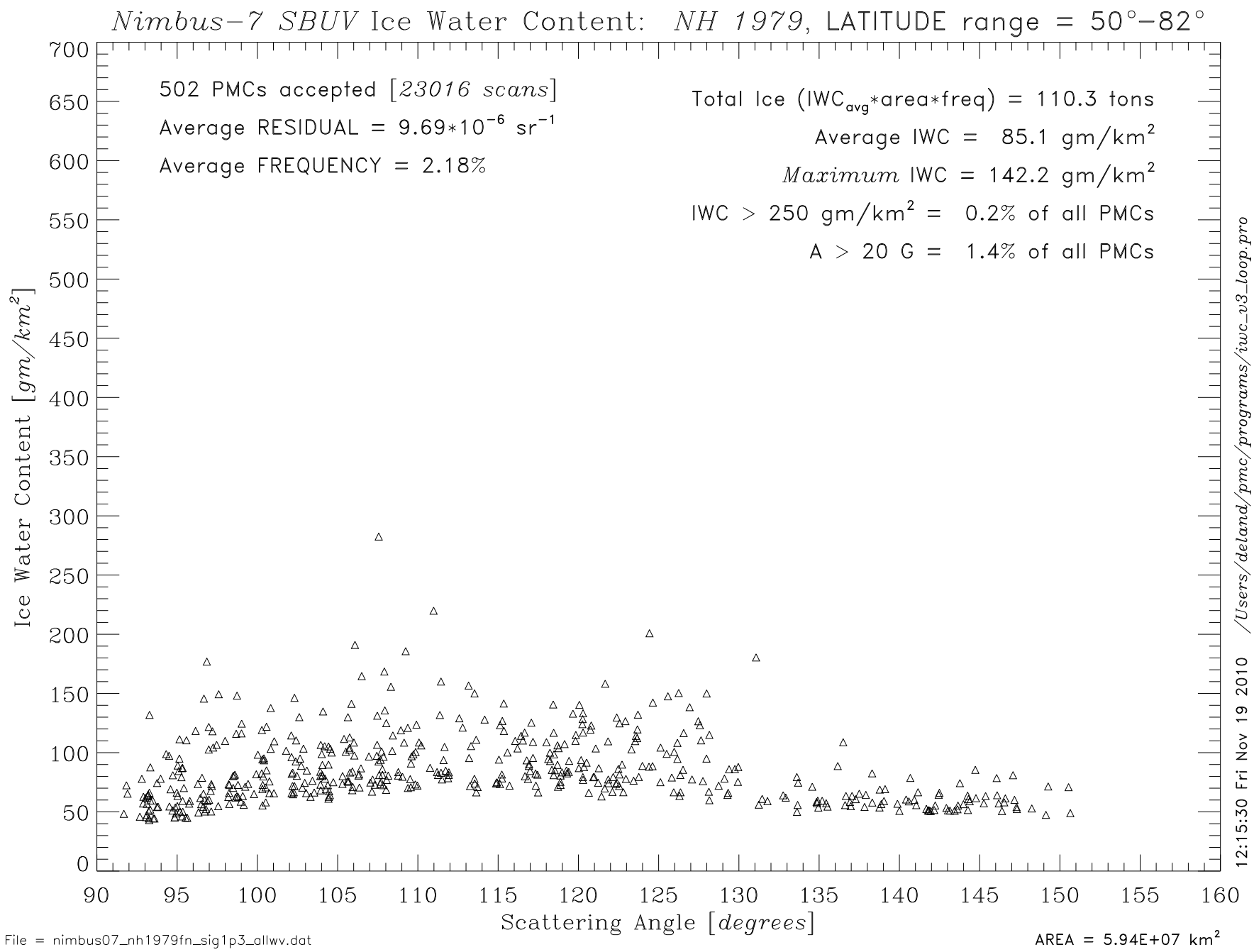
Nimbus−7 SBUV Ice Water Content: NH 1979, LATITUDE range = 50°−82°
502 PMCs accepted [23016 scans]
Average RESIDUAL = 9.69*10^-6 sr^-1
Average FREQUENCY = 2.18%
Total Ice (IWC_avg*area*freq) = 110.3 tons
Average IWC = 85.1 gm/km^2
Maximum IWC = 142.2 gm/km^2
IWC > 250 gm/km^2 = 0.2% of all PMCs
A > 20 G = 1.4% 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
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145
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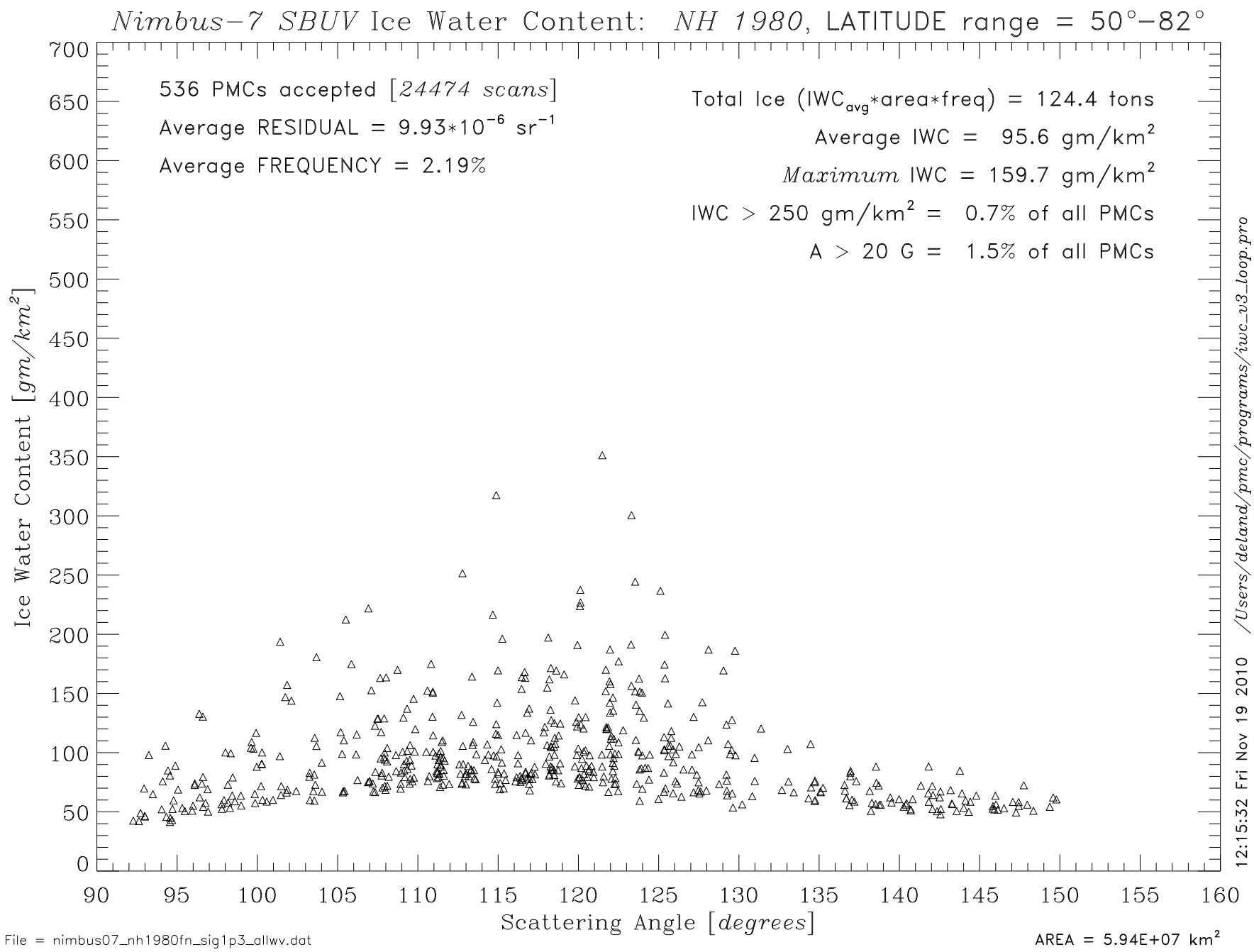
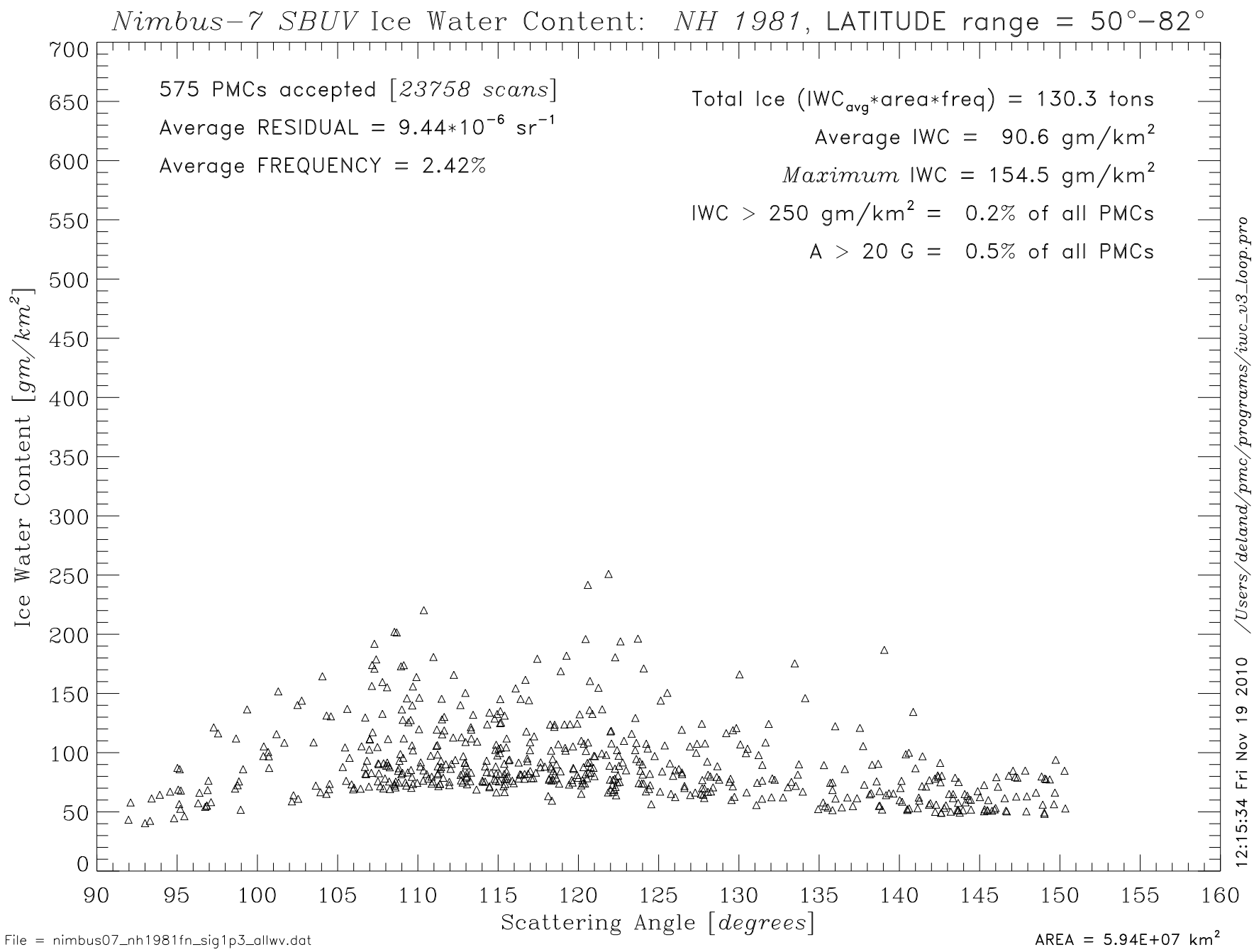
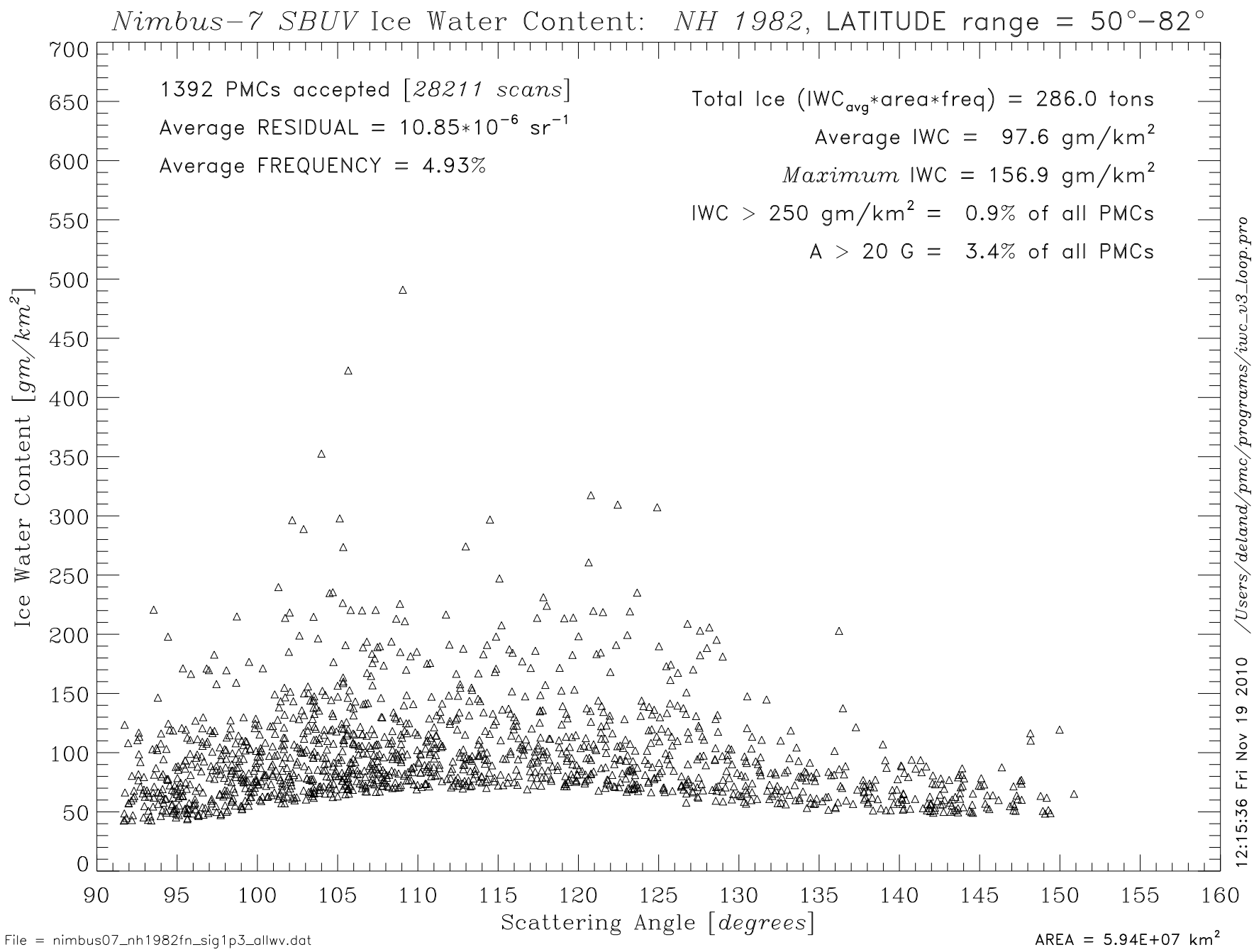
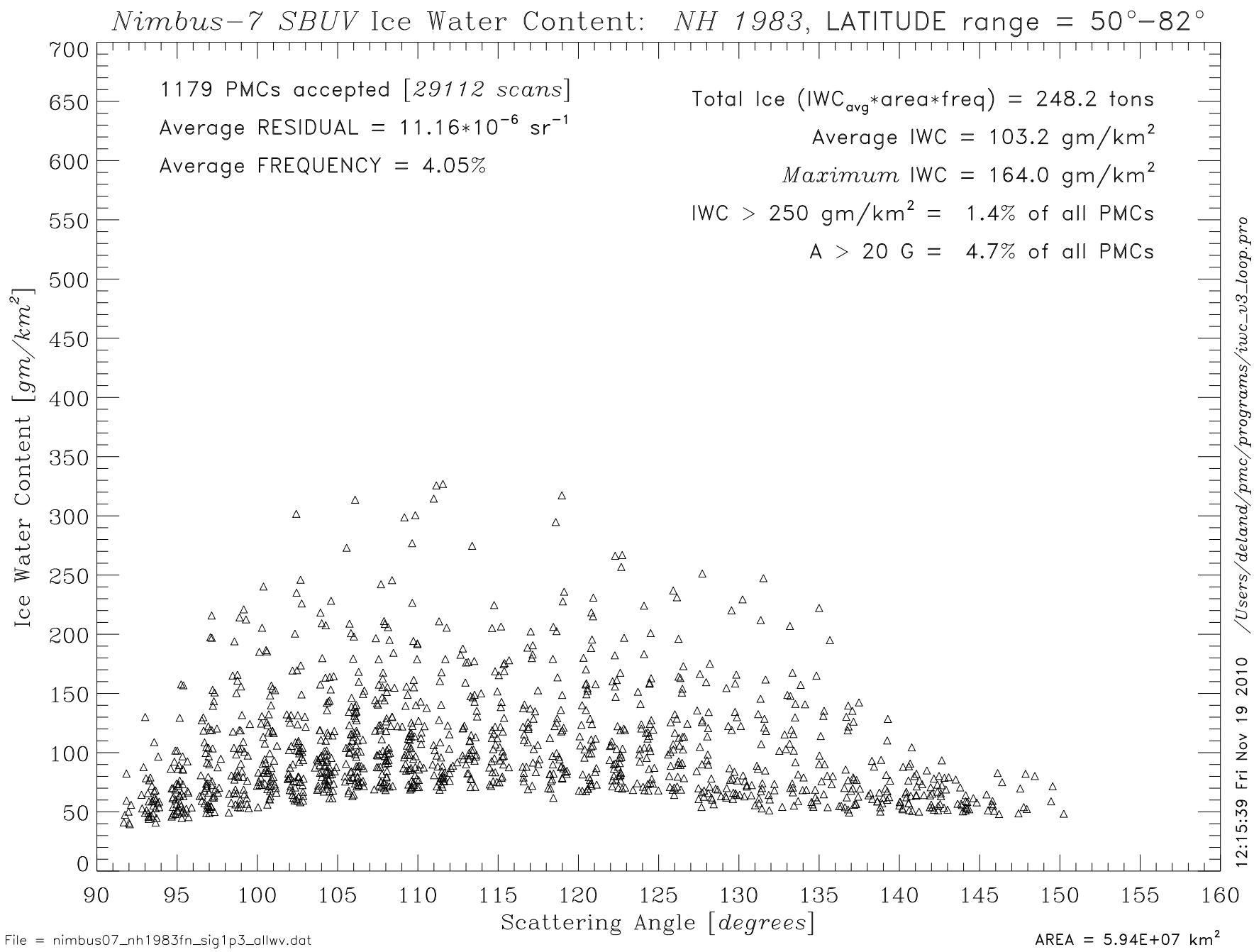
155
160
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:15:30 Fri Nov 19 2010
File = nimbus07_nh1979fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


Nimbus−7 SBUV Ice Water Content: NH 1980, LATITUDE range = 50°−82°
536 PMCs accepted [24474 scans]
Average RESIDUAL = 9.93*10^-6 sr^-1
Average FREQUENCY = 2.19%
Total Ice (IWC_avg*area*freq) = 124.4 tons
Average IWC = 95.6 gm/km^2
Maximum IWC = 159.7 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]
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
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:15:32 Fri Nov 19 2010
File = nimbus07_nh1980fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


Nimbus−7 SBUV Ice Water Content: NH 1981, LATITUDE range = 50°−82°
575 PMCs accepted [23758 scans]
Average RESIDUAL = 9.44*10^-6 sr^-1
Average FREQUENCY = 2.42%
Total Ice (IWC_avg*area*freq) = 130.3 tons
Average IWC = 90.6 gm/km^2
Maximum IWC = 154.5 gm/km^2
IWC > 250 gm/km^2 = 0.2% of all PMCs
A > 20 G = 0.5% 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
12:15:34 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1981fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


Nimbus−7 SBUV Ice Water Content: NH 1982, LATITUDE range = 50°−82°
1392 PMCs accepted [28211 scans]
Average RESIDUAL = 10.85*10^-6 sr^-1
Average FREQUENCY = 4.93%
Total Ice (IWC_avg*area*freq) = 286.0 tons
Average IWC = 97.6 gm/km^2
Maximum IWC = 156.9 gm/km^2
IWC > 250 gm/km^2 = 0.9% of all PMCs
A > 20 G = 3.4% 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
12:15:36 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1982fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


Nimbus−7 SBUV Ice Water Content: NH 1983, LATITUDE range = 50°−82°
1179 PMCs accepted [29112 scans]
Average RESIDUAL = 11.16*10^-6 sr^-1
Average FREQUENCY = 4.05%
Total Ice (IWC_avg*area*freq) = 248.2 tons
Average IWC = 103.2 gm/km^2
Maximum IWC = 164.0 gm/km^2
IWC > 250 gm/km^2 = 1.4% of all PMCs
A > 20 G = 4.7% 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
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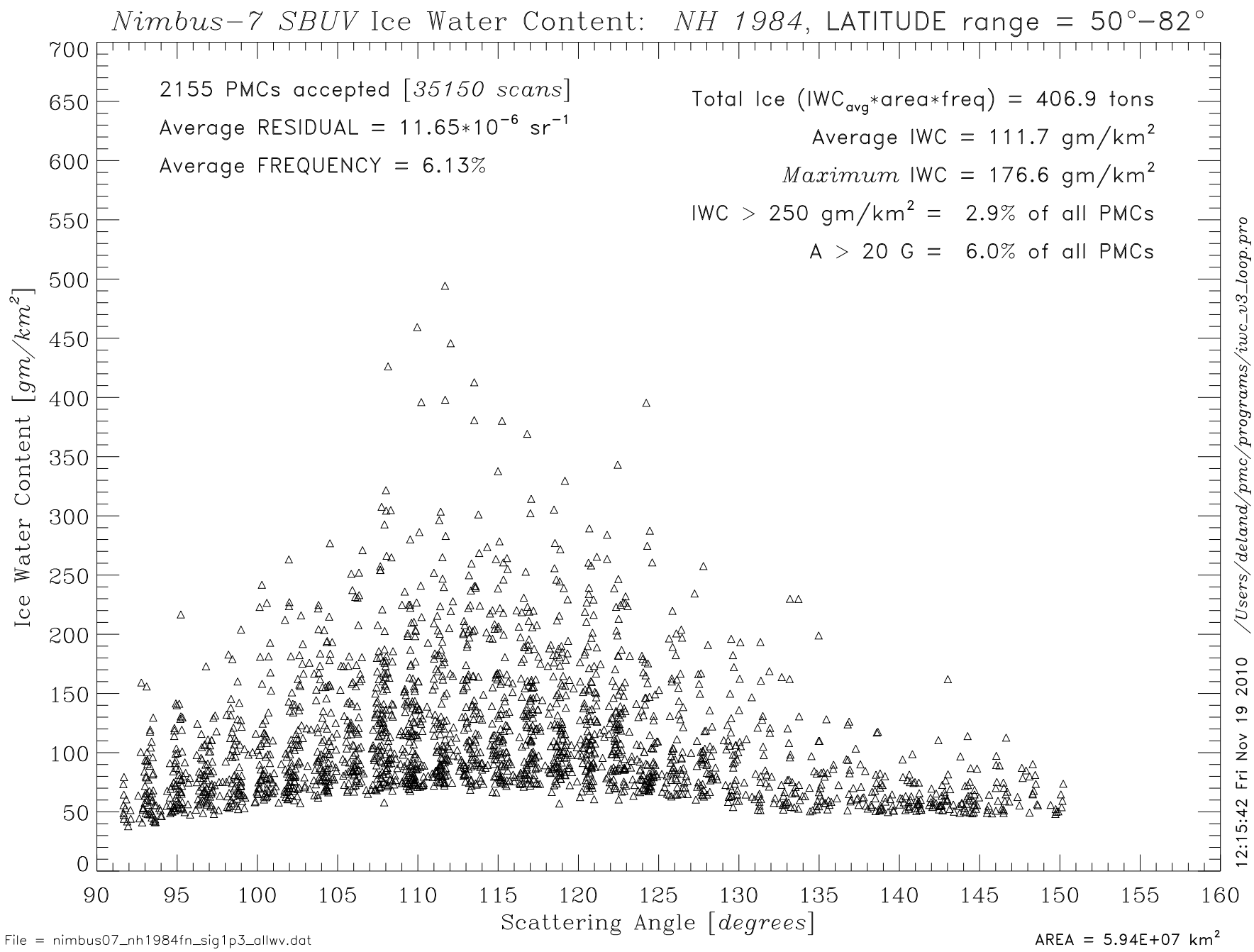
12:15:39 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1983fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


Nimbus−7 SBUV Ice Water Content: NH 1984, LATITUDE range = 50°−82°
2155 PMCs accepted [35150 scans]
Average RESIDUAL = 11.65*10^-6 sr^-1
Average FREQUENCY = 6.13%
Total Ice (IWC_avg*area*freq) = 406.9 tons
Average IWC = 111.7 gm/km^2
Maximum IWC = 176.6 gm/km^2
IWC > 250 gm/km^2 = 2.9% of all PMCs
A > 20 G = 6.0% 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
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135
140
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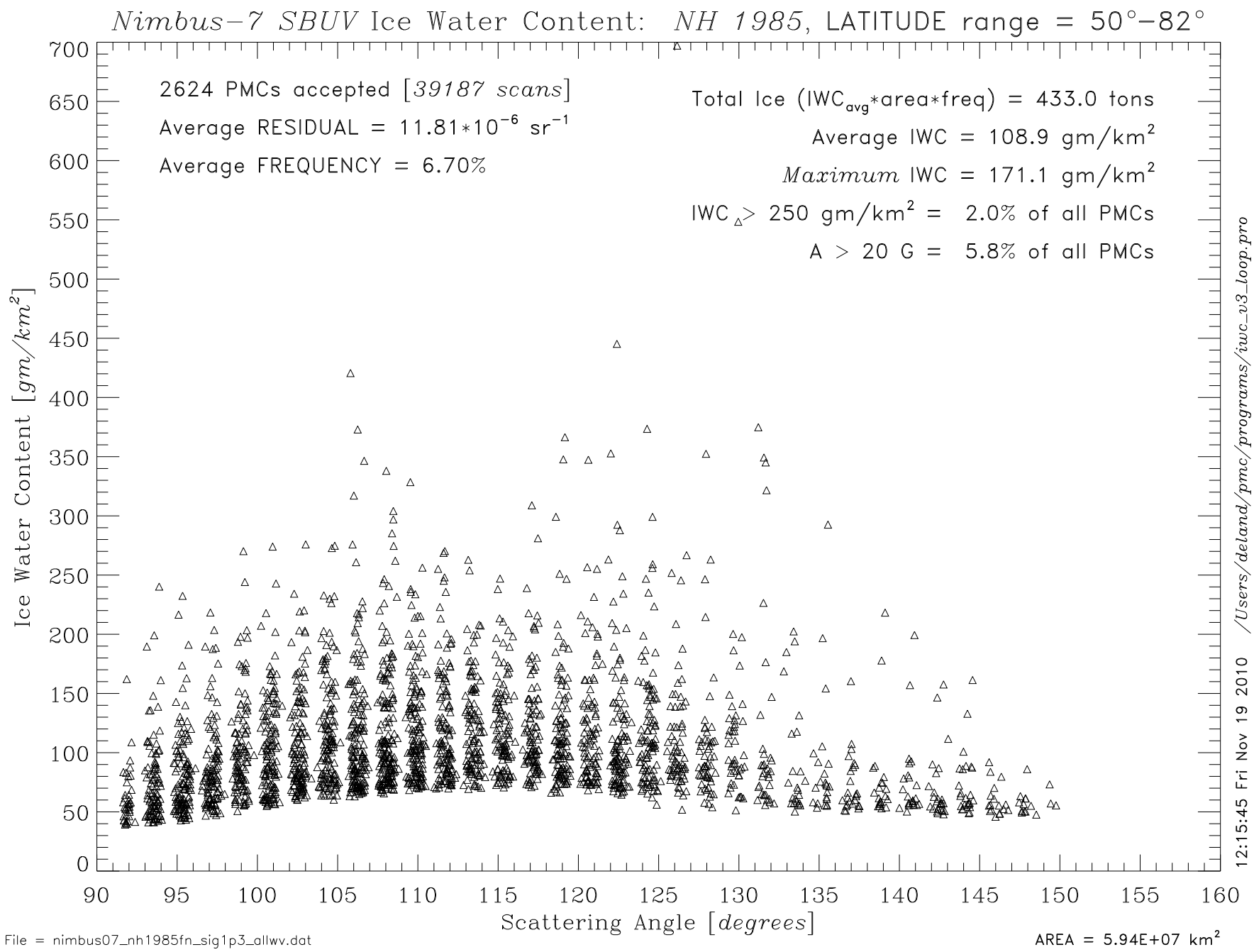
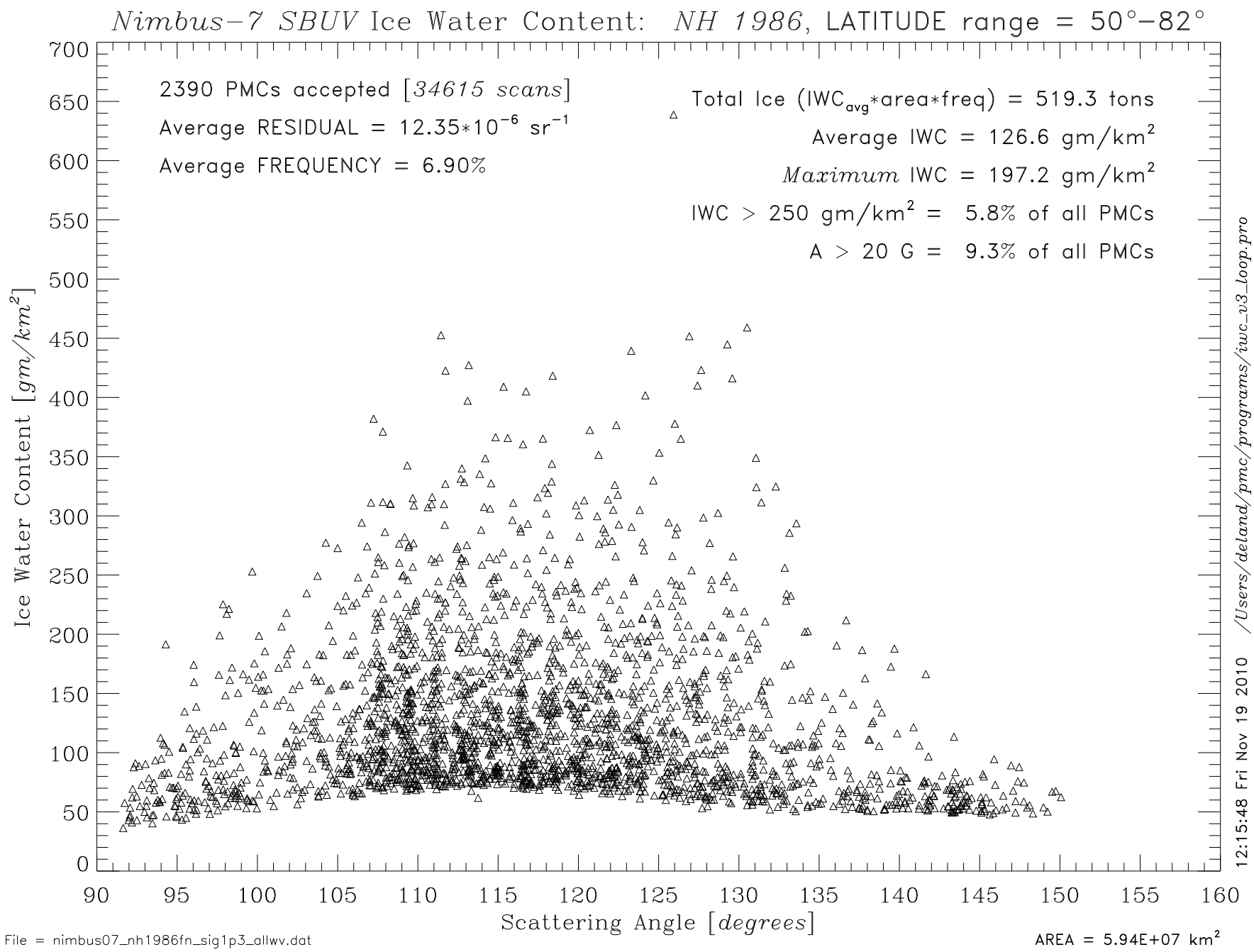
12:15:42 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1984fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


Nimbus−7 SBUV Ice Water Content: NH 1985, LATITUDE range = 50°−82°
2624 PMCs accepted [39187 scans]
Average RESIDUAL = 11.81*10^-6 sr^-1
Average FREQUENCY = 6.70%
Total Ice (IWC_avg*area*freq) = 433.0 tons
Average IWC = 108.9 gm/km^2
Maximum IWC = 171.1 gm/km^2
IWC > 250 gm/km^2 = 2.0% of all PMCs
A > 20 G = 5.8% 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
12:15:45 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1985fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


Nimbus−7 SBUV Ice Water Content: NH 1986, LATITUDE range = 50°−82°
2390 PMCs accepted [34615 scans]
Average RESIDUAL = 12.35*10^-6 sr^-1
Average FREQUENCY = 6.90%
Total Ice (IWC_avg*area*freq) = 519.3 tons
Average IWC = 126.6 gm/km^2
Maximum IWC = 197.2 gm/km^2
IWC > 250 gm/km^2 = 5.8% of all PMCs
A > 20 G = 9.3% 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
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135
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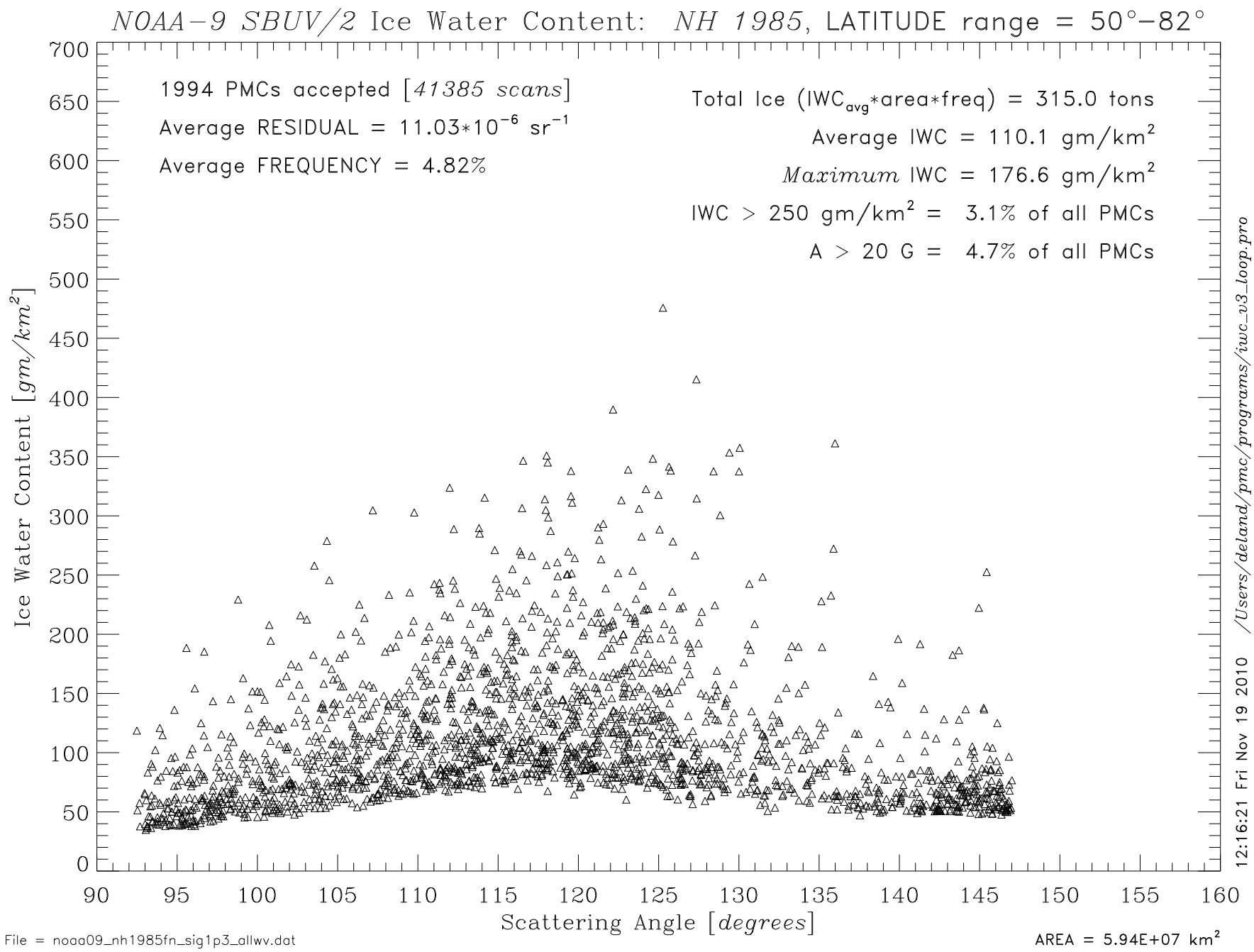
160
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:15:48 Fri Nov 19 2010
File = nimbus07_nh1986fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1985, LATITUDE range = 50°−82°
1994 PMCs accepted [41385 scans]
Average RESIDUAL = 11.03*10^-6 sr^-1
Average FREQUENCY = 4.82%
Total Ice (IWC_avg*area*freq) = 315.0 tons
Average IWC = 110.1 gm/km^2
Maximum IWC = 176.6 gm/km^2
IWC > 250 gm/km^2 = 3.1% of all PMCs
A > 20 G = 4.7% 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
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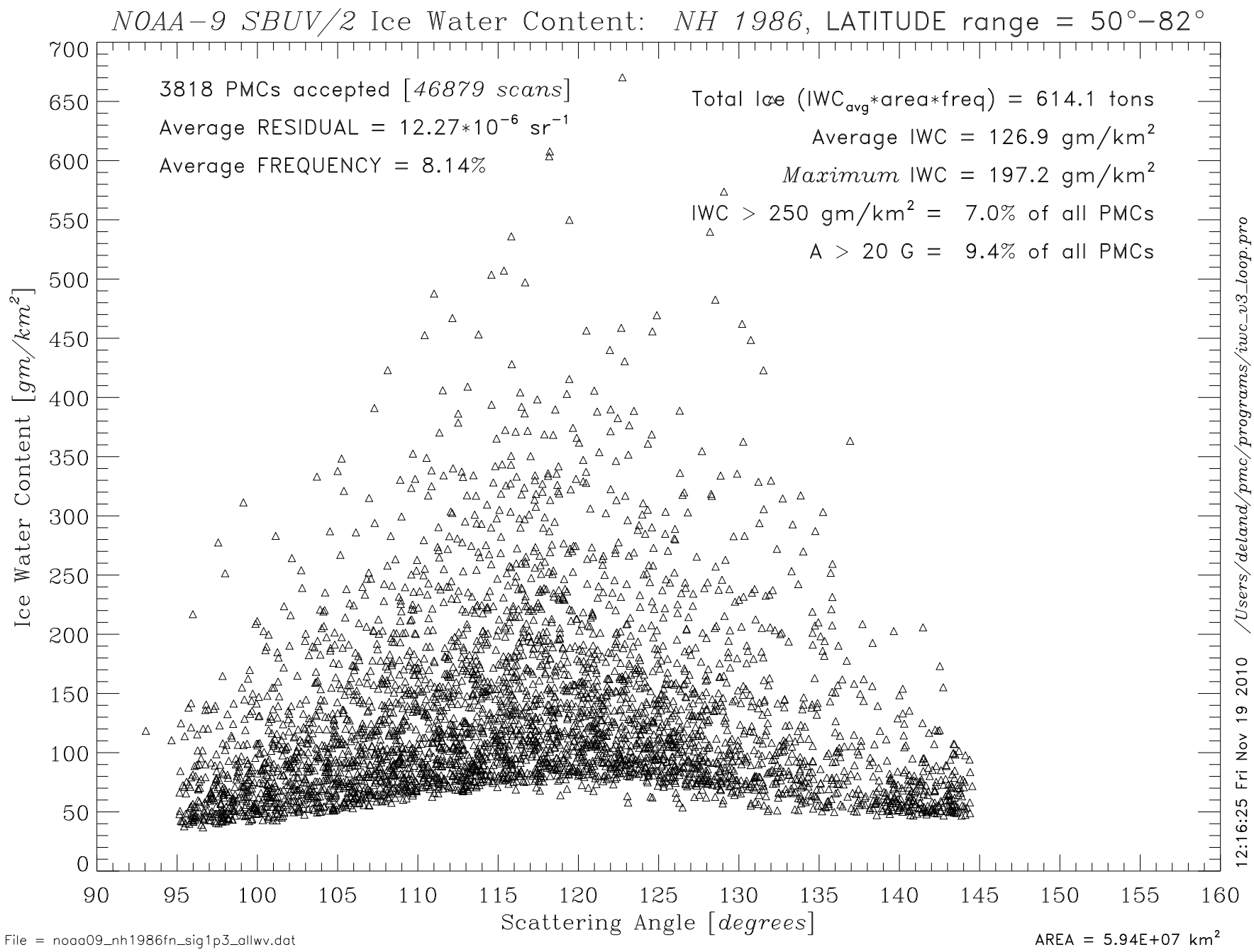
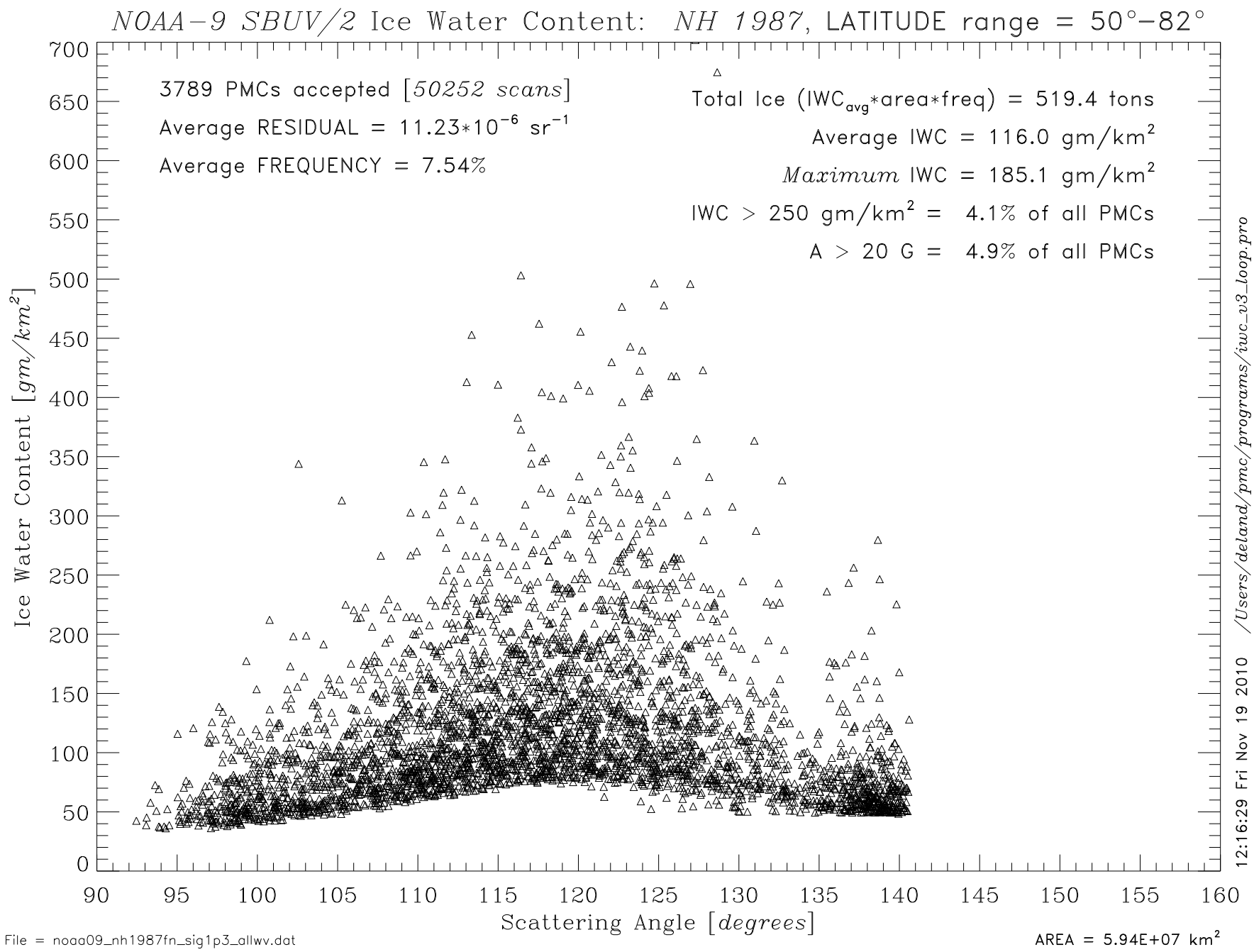
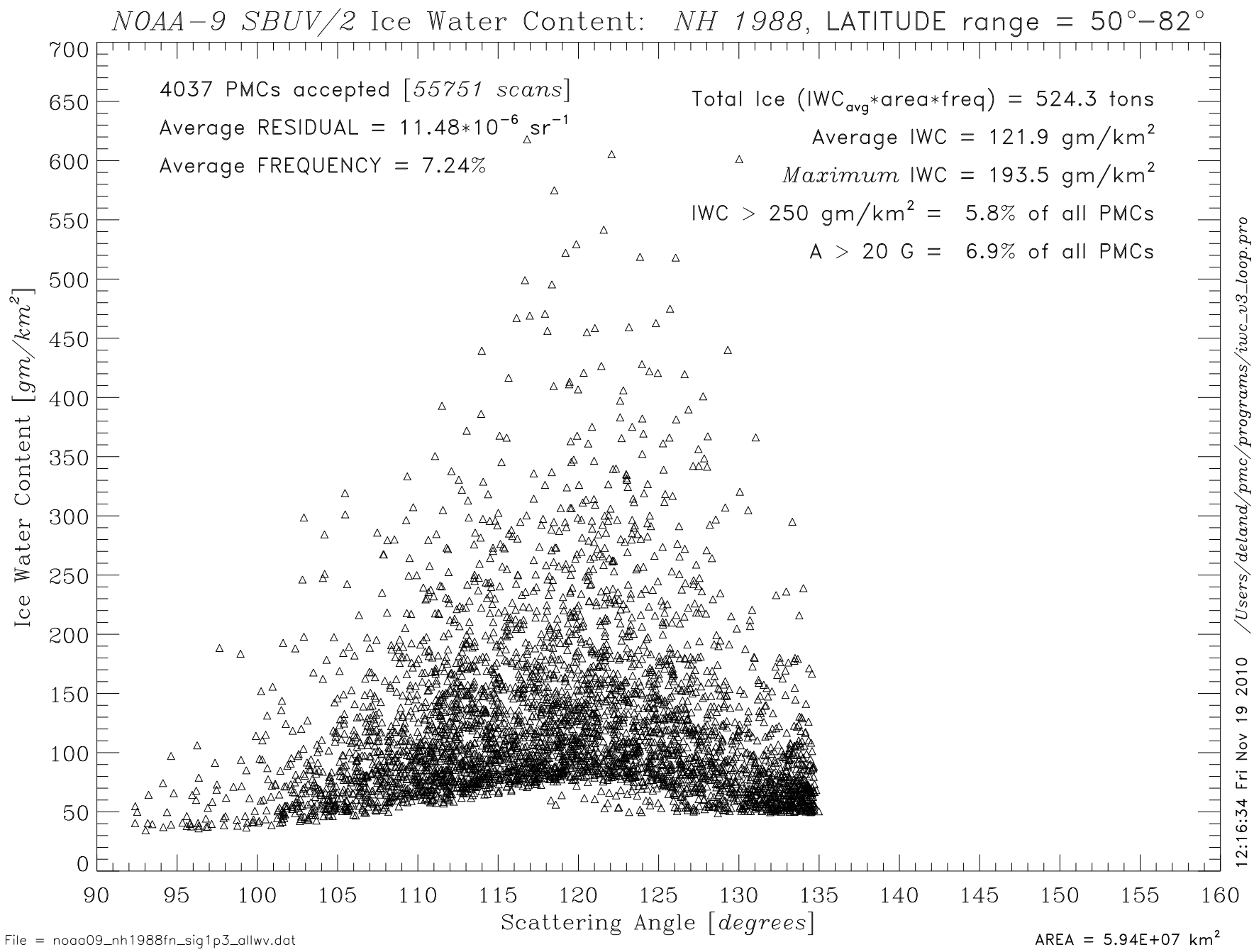
130
135
140
145
150
155
160
12:16:21 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1985fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1986, LATITUDE range = 50°−82°
3818 PMCs accepted [46879 scans]
Average RESIDUAL = 12.27*10^-6 sr^-1
Average FREQUENCY = 8.14%
Total Ice (IWC_avg*area*freq) = 614.1 tons
Average IWC = 126.9 gm/km^2
Maximum IWC = 197.2 gm/km^2
IWC > 250 gm/km^2 = 7.0% of all PMCs
A > 20 G = 9.4% 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
12:16:25 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1986fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1987, LATITUDE range = 50°−82°
3789 PMCs accepted [50252 scans]
Average RESIDUAL = 11.23*10^-6 sr^-1
Average FREQUENCY = 7.54%
Total Ice (IWC_avg*area*freq) = 519.4 tons
Average IWC = 116.0 gm/km^2
Maximum IWC = 185.1 gm/km^2
IWC > 250 gm/km^2 = 4.1% of all PMCs
A > 20 G = 4.9% 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
12:16:29 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1987fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1988, LATITUDE range = 50°−82°
4037 PMCs accepted [55751 scans]
Average RESIDUAL = 11.48*10^-6 sr^-1
Average FREQUENCY = 7.24%
Total Ice (IWC_avg*area*freq) = 524.3 tons
Average IWC = 121.9 gm/km^2
Maximum IWC = 193.5 gm/km^2
IWC > 250 gm/km^2 = 5.8% of all PMCs
A > 20 G = 6.9% 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
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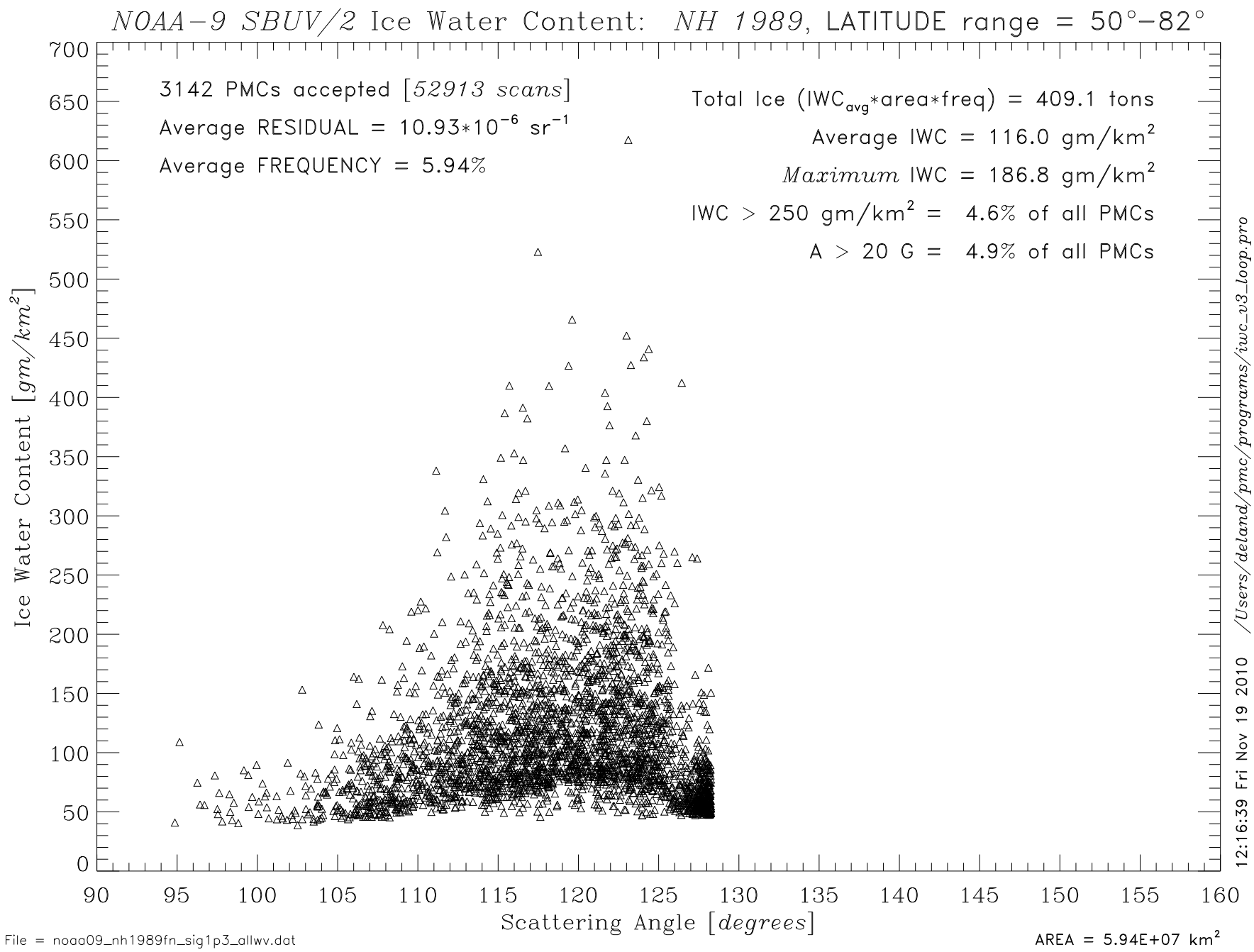
145
150
155
160
12:16:34 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1988fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1989, LATITUDE range = 50°−82°
3142 PMCs accepted [52913 scans]
Average RESIDUAL = 10.93*10^-6 sr^-1
Average FREQUENCY = 5.94%
Total Ice (IWC_avg*area*freq) = 409.1 tons
Average IWC = 116.0 gm/km^2
Maximum IWC = 186.8 gm/km^2
IWC > 250 gm/km^2 = 4.6% of all PMCs
A > 20 G = 4.9% 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
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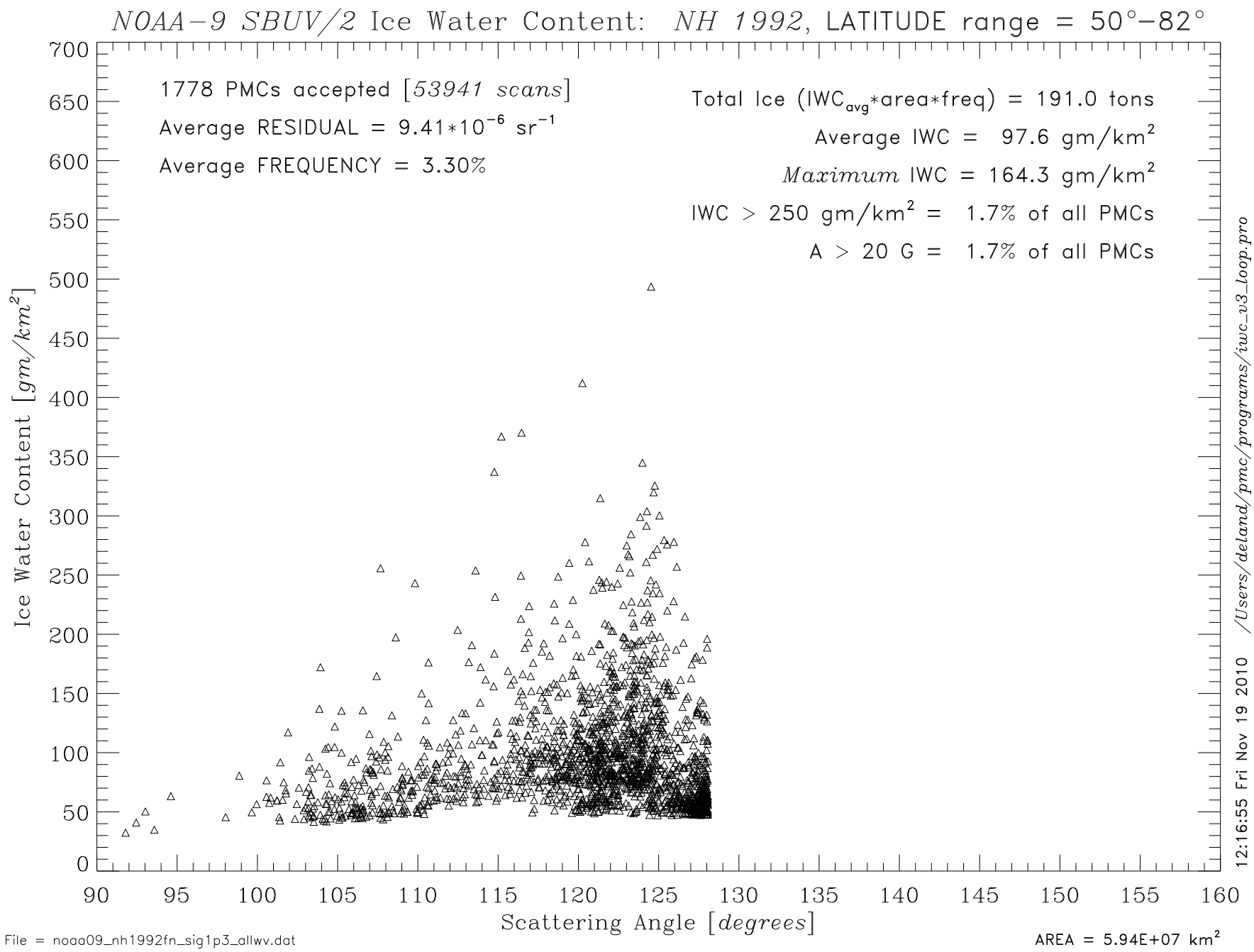
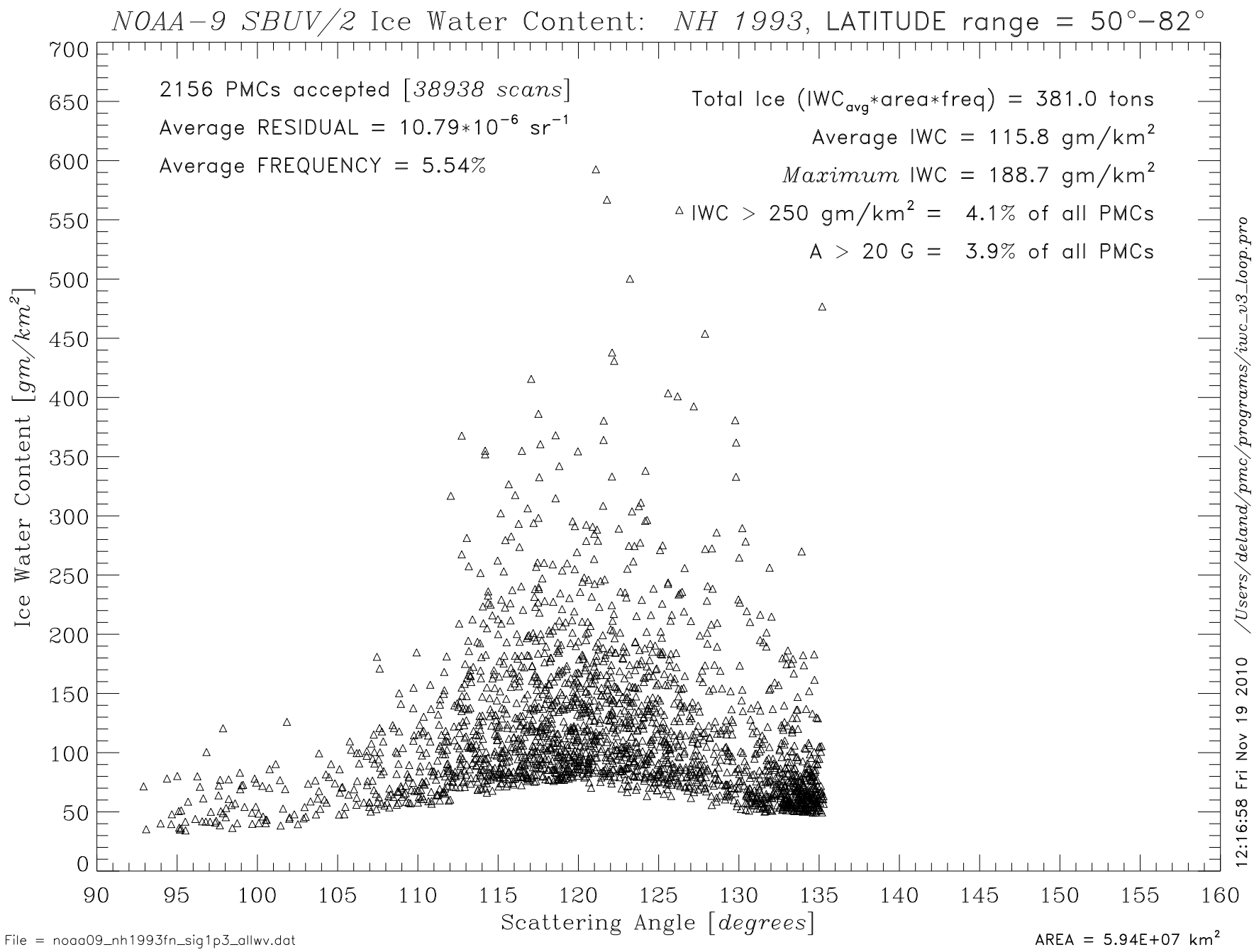
150
155
160
12:16:39 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1989fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1992, LATITUDE range = 50°−82°
1778 PMCs accepted [53941 scans]
Average RESIDUAL = 9.41*10^-6 sr^-1
Average FREQUENCY = 3.30%
Total Ice (IWC_avg*area*freq) = 191.0 tons
Average IWC = 97.6 gm/km^2
Maximum IWC = 164.3 gm/km^2
IWC > 250 gm/km^2 = 1.7% of all PMCs
A > 20 G = 1.7% 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
12:16:55 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1992fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1993, LATITUDE range = 50°−82°
2156 PMCs accepted [38938 scans]
Average RESIDUAL = 10.79*10^-6 sr^-1
Average FREQUENCY = 5.54%
Total Ice (IWC_avg*area*freq) = 381.0 tons
Average IWC = 115.8 gm/km^2
Maximum IWC = 188.7 gm/km^2
IWC > 250 gm/km^2 = 4.1% of all PMCs
A > 20 G = 3.9% 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
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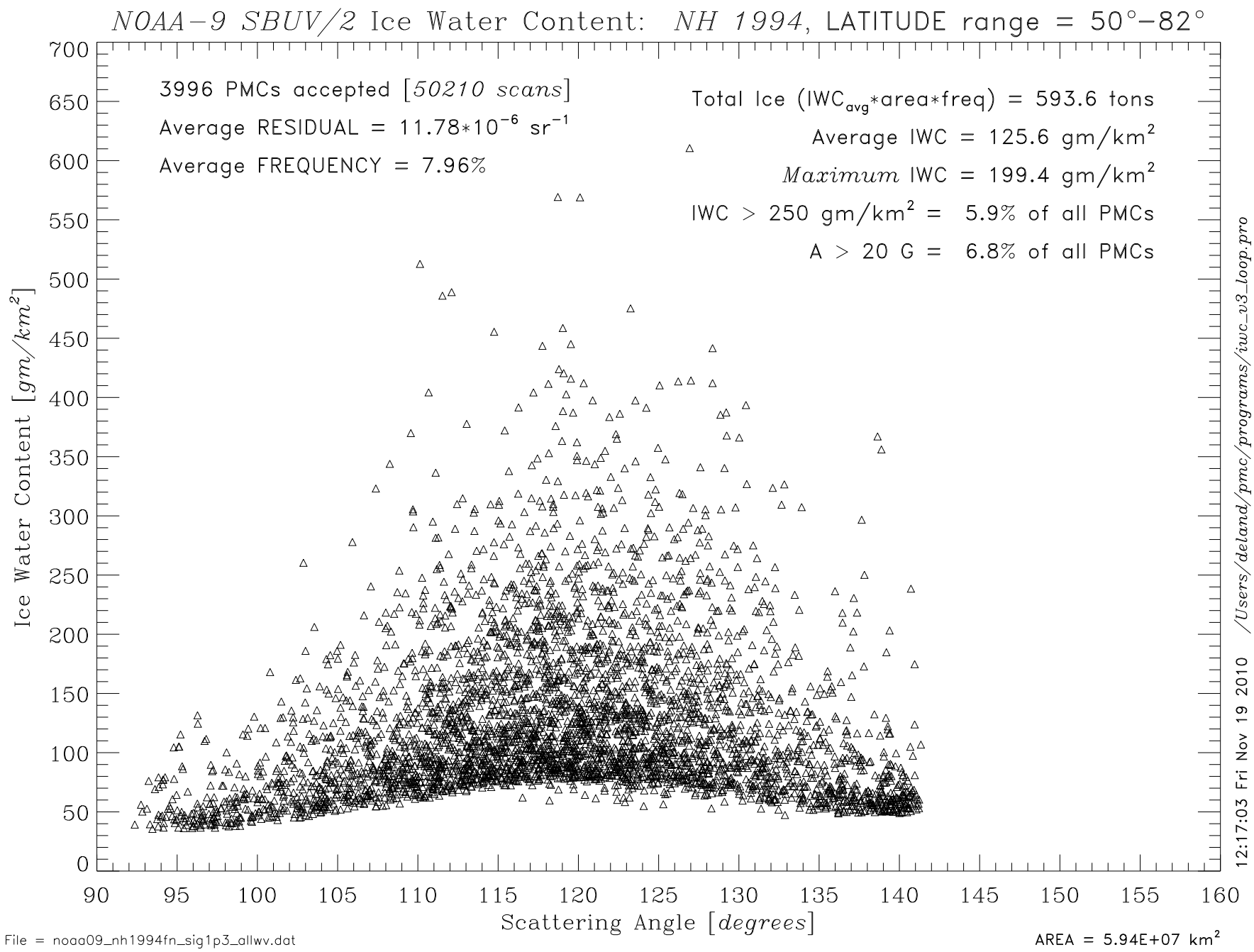
145
150
155
160
12:16:58 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1993fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1994, LATITUDE range = 50°−82°
3996 PMCs accepted [50210 scans]
Average RESIDUAL = 11.78*10^-6 sr^-1
Average FREQUENCY = 7.96%
Total Ice (IWC_avg*area*freq) = 593.6 tons
Average IWC = 125.6 gm/km^2
Maximum IWC = 199.4 gm/km^2
IWC > 250 gm/km^2 = 5.9% of all PMCs
A > 20 G = 6.8% 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
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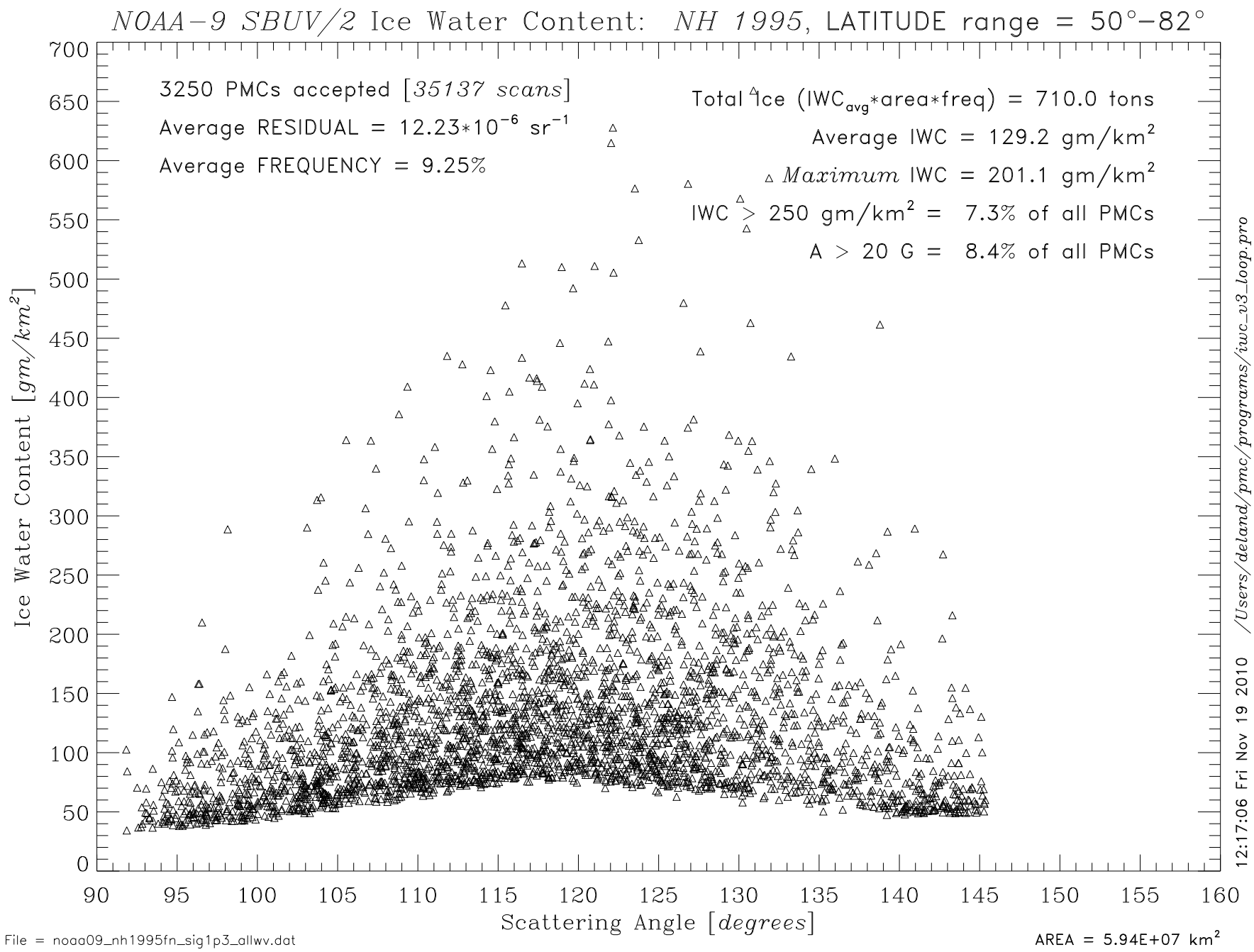
160
12:17:03 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1994fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1995, LATITUDE range = 50°−82°
3250 PMCs accepted [35137 scans]
Average RESIDUAL = 12.23*10^-6 sr^-1
Average FREQUENCY = 9.25%
Total Ice (IWC_avg*area*freq) = 710.0 tons
Average IWC = 129.2 gm/km^2
Maximum IWC = 201.1 gm/km^2
IWC > 250 gm/km^2 = 7.3% of all PMCs
A > 20 G = 8.4% 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
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95
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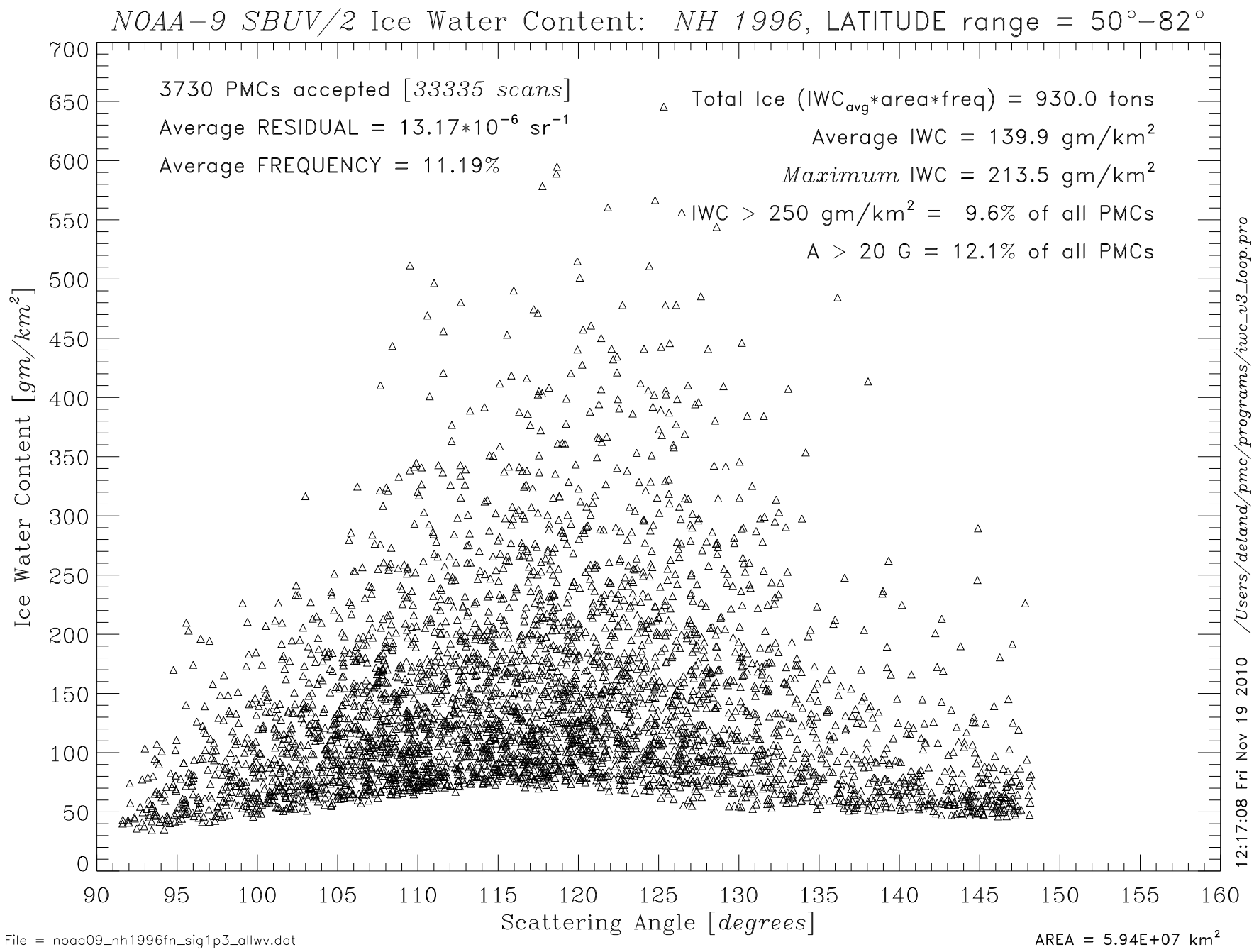
160
12:17:06 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1995fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1996, LATITUDE range = 50°−82°
3730 PMCs accepted [33335 scans]
Average RESIDUAL = 13.17*10^-6 sr^-1
Average FREQUENCY = 11.19%
Total Ice (IWC_avg*area*freq) = 930.0 tons
Average IWC = 139.9 gm/km^2
Maximum IWC = 213.5 gm/km^2
IWC > 250 gm/km^2 = 9.6% of all PMCs
A > 20 G = 12.1% 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
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95
100
105
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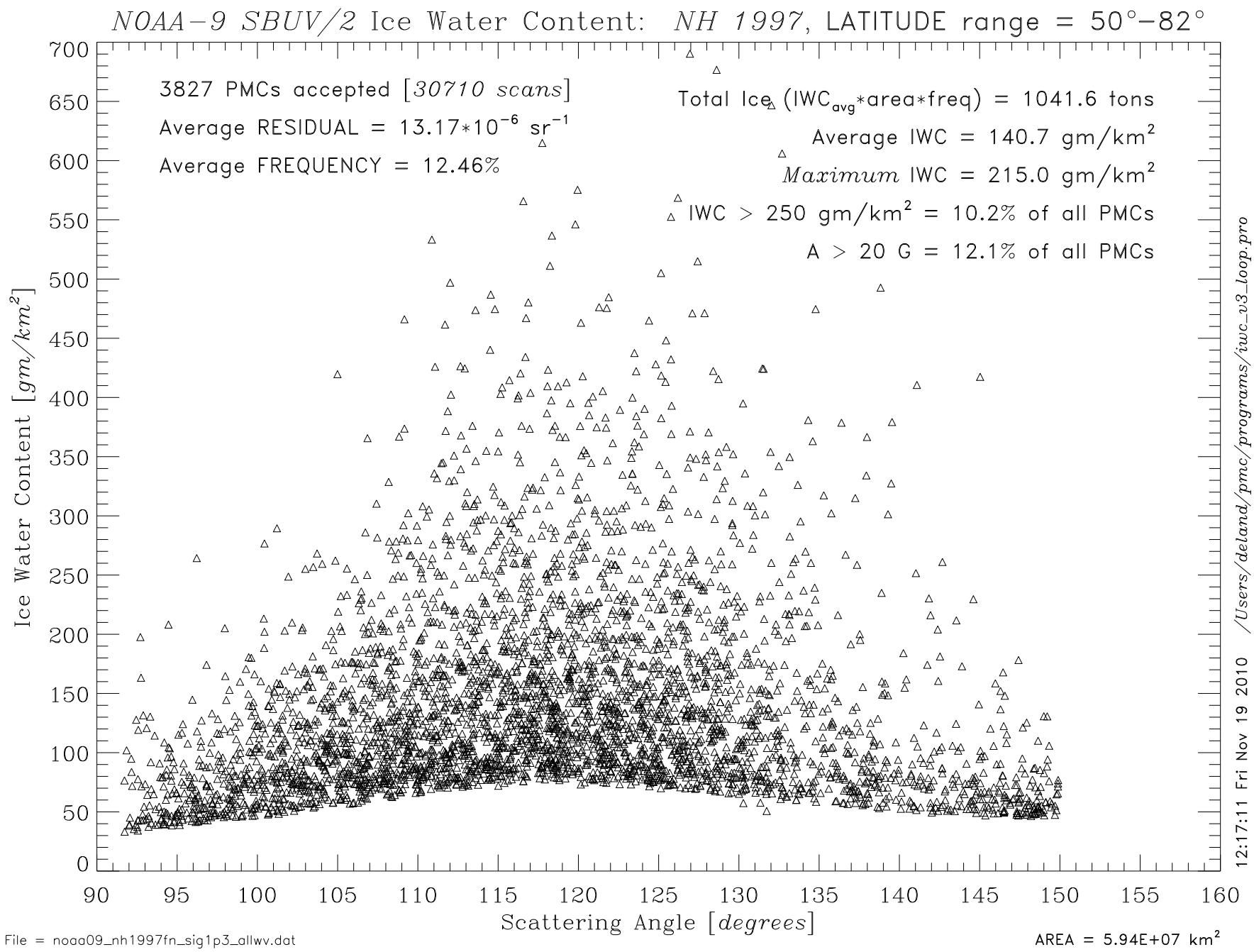
155
160
12:17:08 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1996fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1997, LATITUDE range = 50°−82°
3827 PMCs accepted [30710 scans]
Average RESIDUAL = 13.17*10^-6 sr^-1
Average FREQUENCY = 12.46%
Total Ice (IWC_avg*area*freq) = 1041.6 tons
Average IWC = 140.7 gm/km^2
Maximum IWC = 215.0 gm/km^2
IWC > 250 gm/km^2 = 10.2% of all PMCs
A > 20 G = 12.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
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250
300
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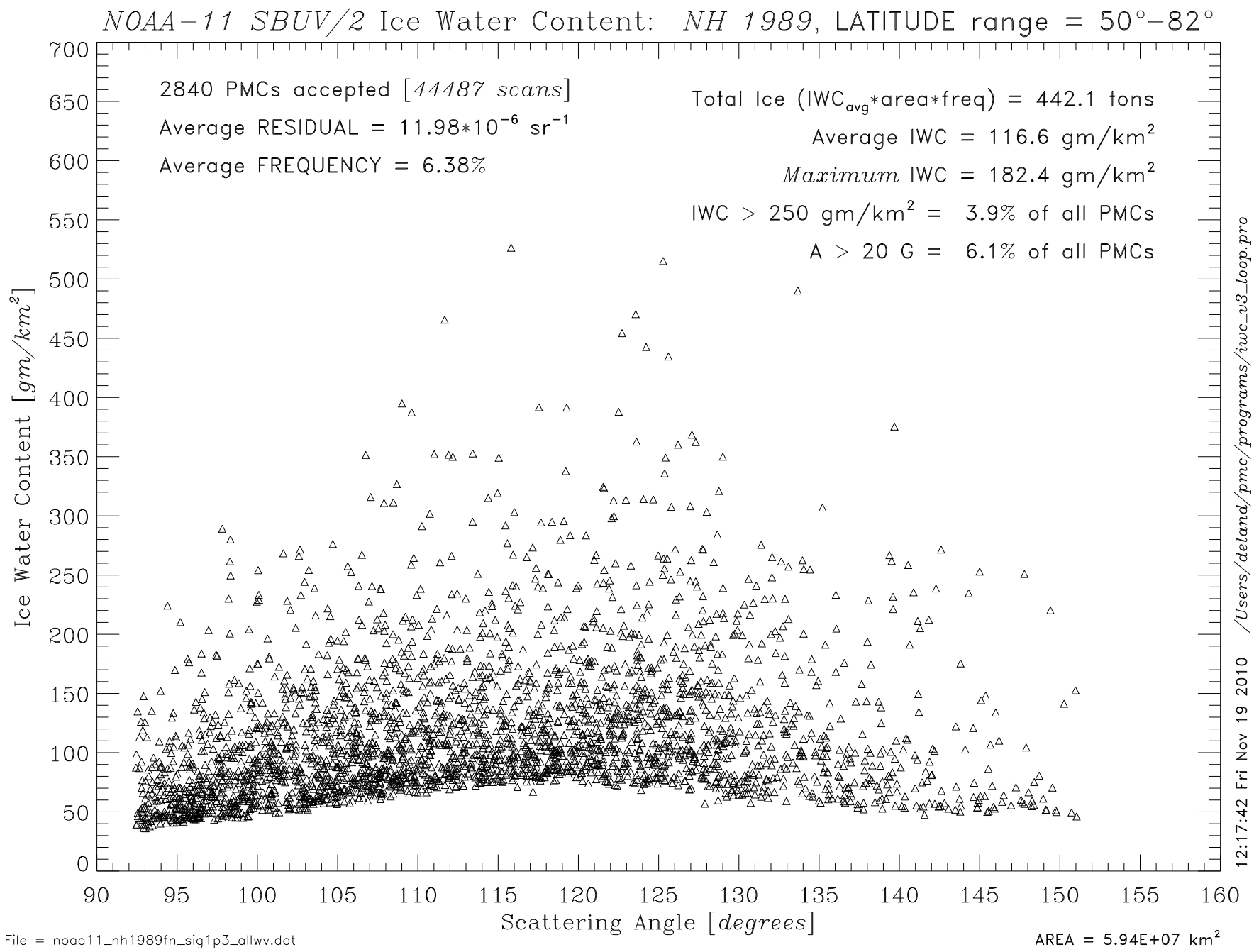
160
12:17:11 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1997fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1989, LATITUDE range = 50°−82°
2840 PMCs accepted [44487 scans]
Average RESIDUAL = 11.98*10^-6 sr^-1
Average FREQUENCY = 6.38%
Total Ice (IWC_avg*area*freq) = 442.1 tons
Average IWC = 116.6 gm/km^2
Maximum IWC = 182.4 gm/km^2
IWC > 250 gm/km^2 = 3.9% of all PMCs
A > 20 G = 6.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
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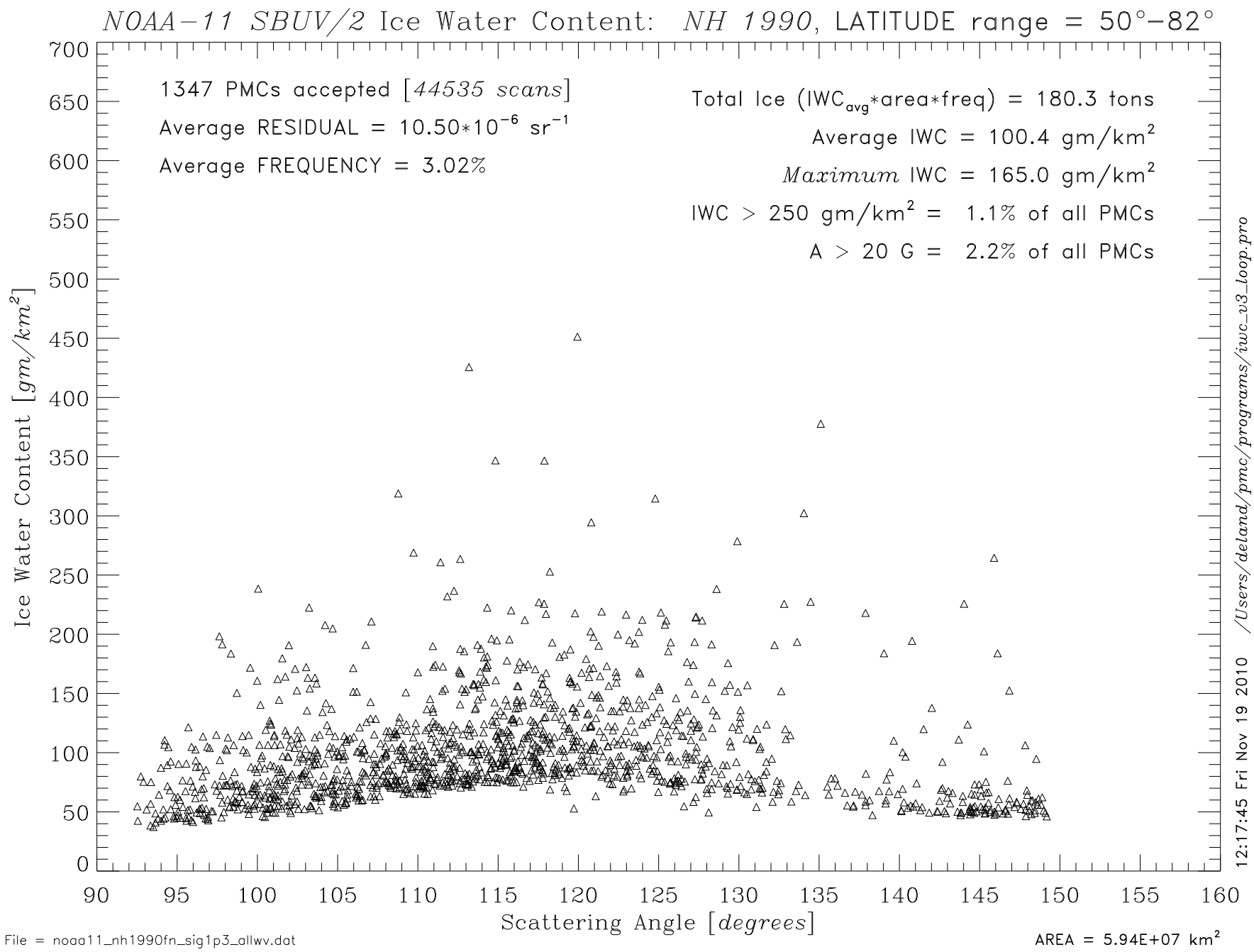
12:17:42 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1989fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1990, LATITUDE range = 50°−82°
1347 PMCs accepted [44535 scans]
Average RESIDUAL = 10.50*10^-6 sr^-1
Average FREQUENCY = 3.02%
Total Ice (IWC_avg*area*freq) = 180.3 tons
Average IWC = 100.4 gm/km^2
Maximum IWC = 165.0 gm/km^2
IWC > 250 gm/km^2 = 1.1% of all PMCs
A > 20 G = 2.2% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
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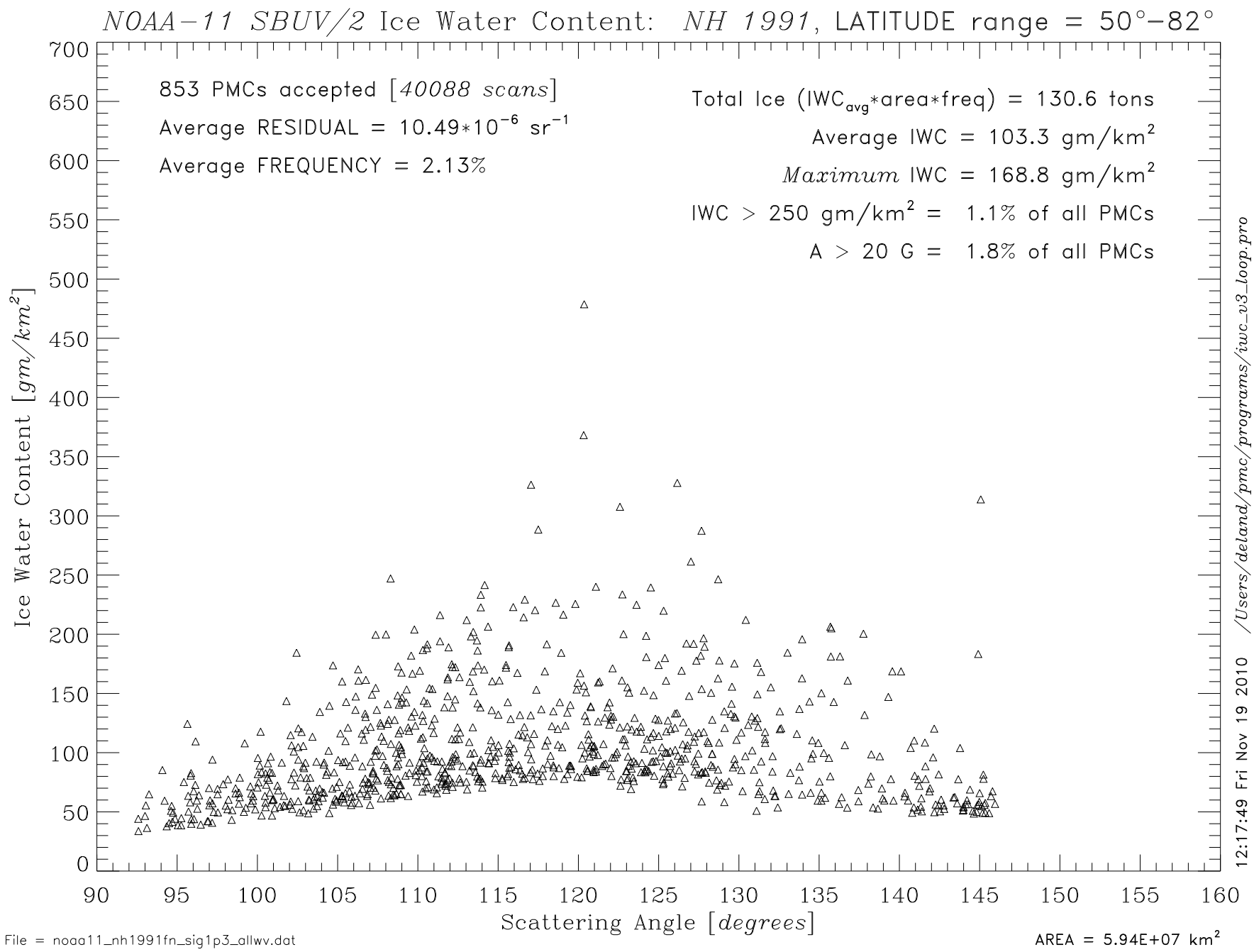
12:17:45 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1990fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1991, LATITUDE range = 50°−82°
853 PMCs accepted [40088 scans]
Average RESIDUAL = 10.49*10^-6 sr^-1
Average FREQUENCY = 2.13%
Total Ice (IWC_avg*area*freq) = 130.6 tons
Average IWC = 103.3 gm/km^2
Maximum IWC = 168.8 gm/km^2
IWC > 250 gm/km^2 = 1.1% of all PMCs
A > 20 G = 1.8% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
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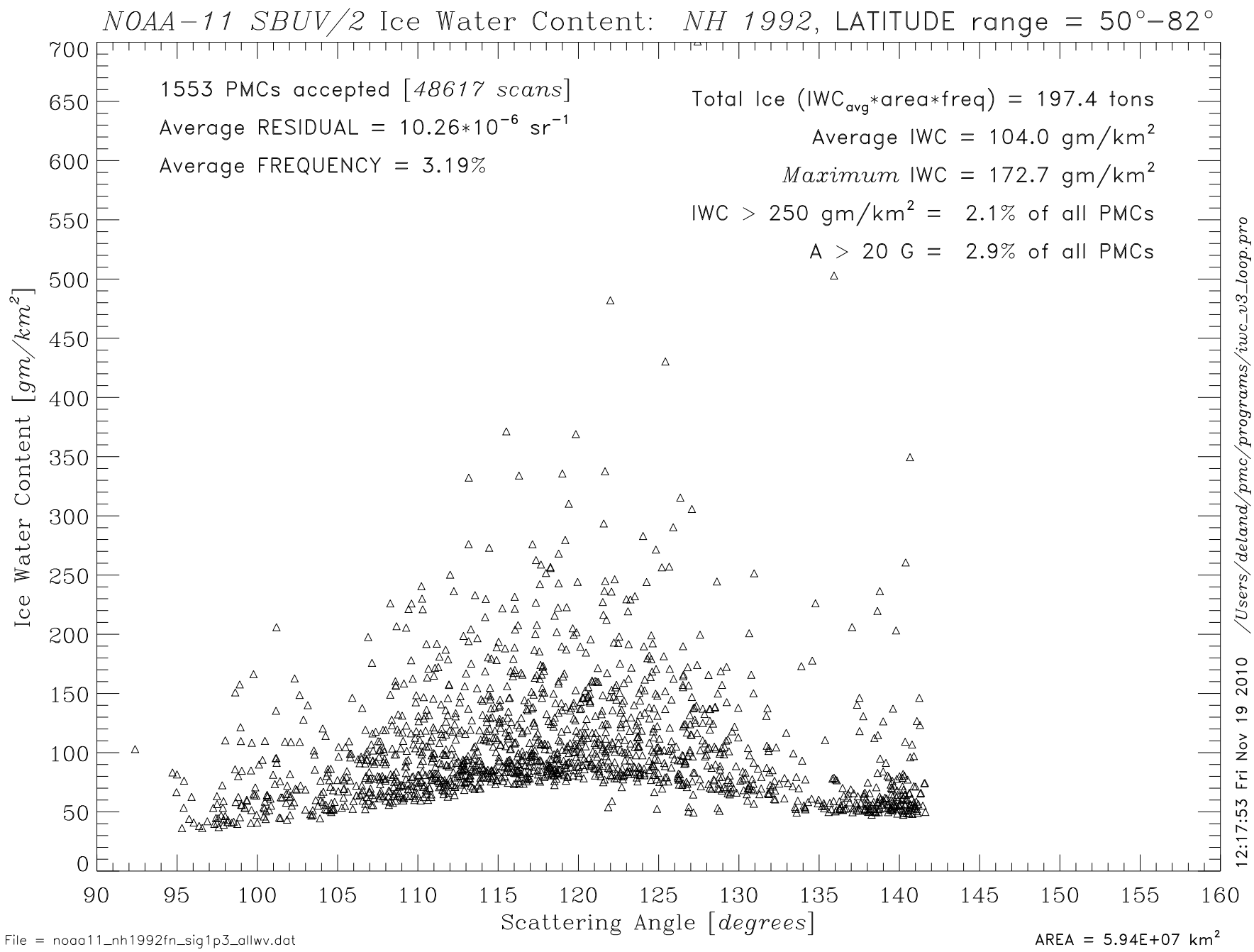
160
12:17:49 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1991fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1992, LATITUDE range = 50°−82°
1553 PMCs accepted [48617 scans]
Average RESIDUAL = 10.26*10^-6 sr^-1
Average FREQUENCY = 3.19%
Total Ice (IWC_avg*area*freq) = 197.4 tons
Average IWC = 104.0 gm/km^2
Maximum IWC = 172.7 gm/km^2
IWC > 250 gm/km^2 = 2.1% of all PMCs
A > 20 G = 2.9% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
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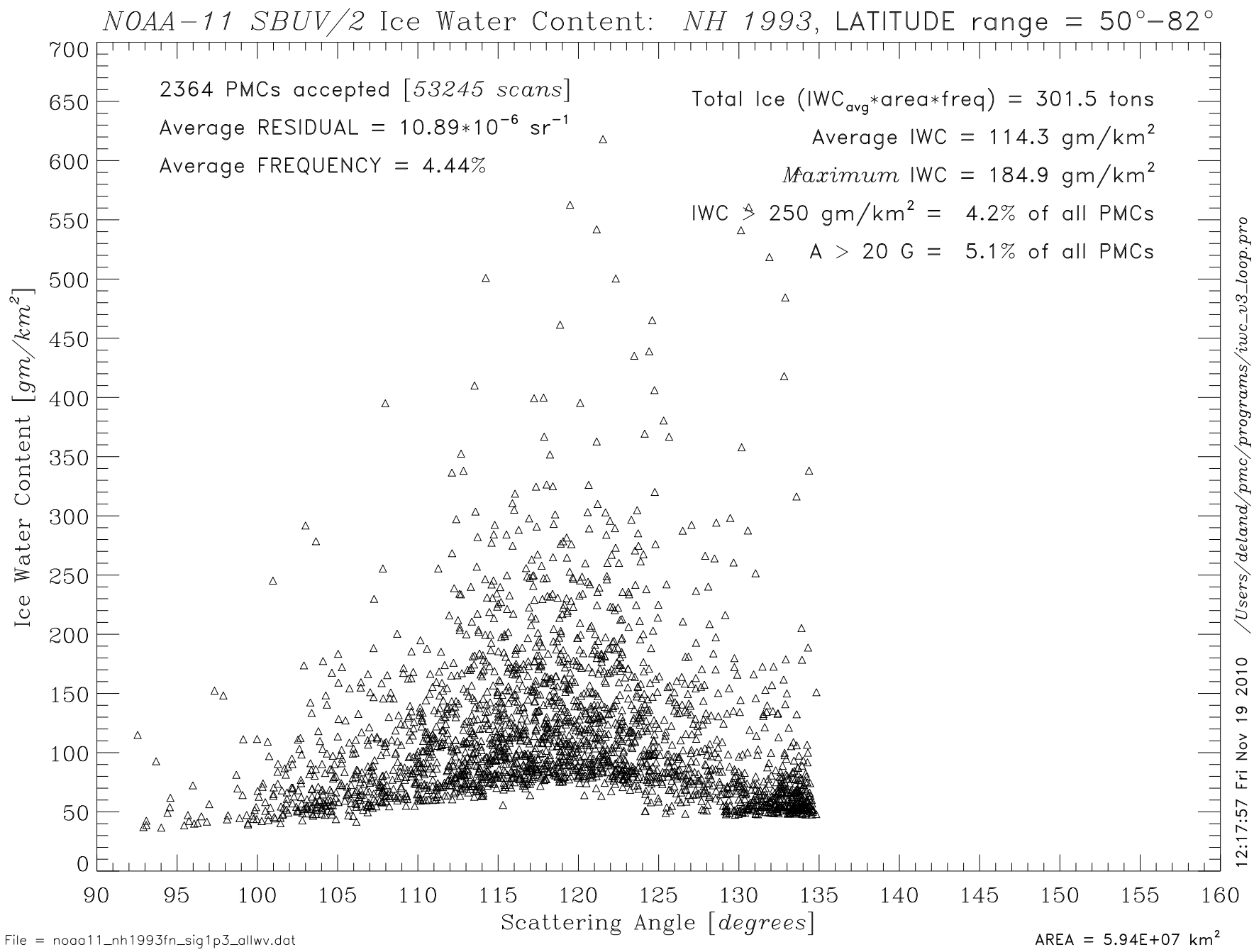
12:17:53 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1992fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1993, LATITUDE range = 50°−82°
2364 PMCs accepted [53245 scans]
Average RESIDUAL = 10.89*10^-6 sr^-1
Average FREQUENCY = 4.44%
Total Ice (IWC_avg*area*freq) = 301.5 tons
Average IWC = 114.3 gm/km^2
Maximum IWC = 184.9 gm/km^2
IWC > 250 gm/km^2 = 4.2% of all PMCs
A > 20 G = 5.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
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150
200
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300
350
400
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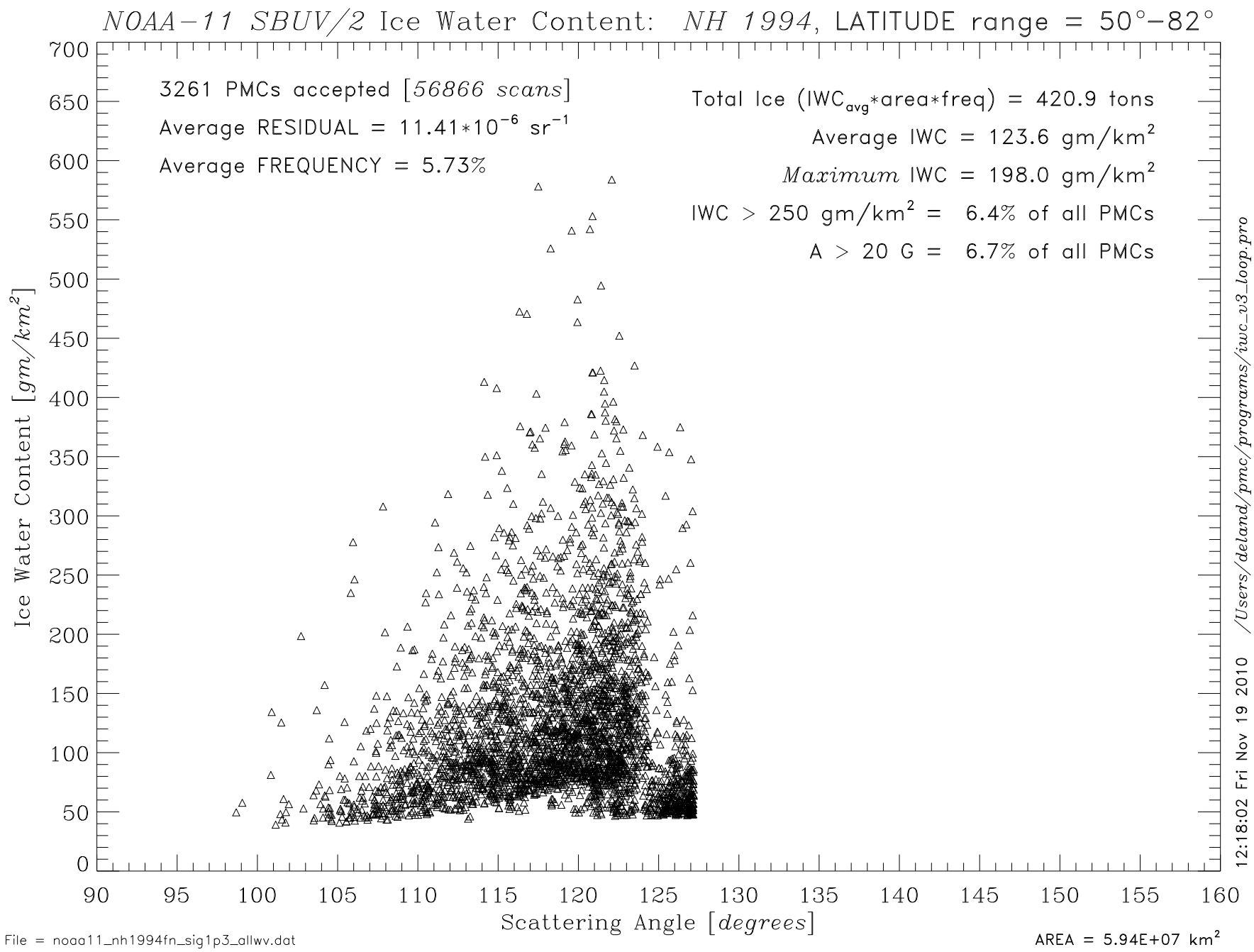
12:17:57 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1993fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1994, LATITUDE range = 50°−82°
3261 PMCs accepted [56866 scans]
Average RESIDUAL = 11.41*10^-6 sr^-1
Average FREQUENCY = 5.73%
Total Ice (IWC_avg*area*freq) = 420.9 tons
Average IWC = 123.6 gm/km^2
Maximum IWC = 198.0 gm/km^2
IWC > 250 gm/km^2 = 6.4% of all PMCs
A > 20 G = 6.7% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
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200
250
300
350
400
450
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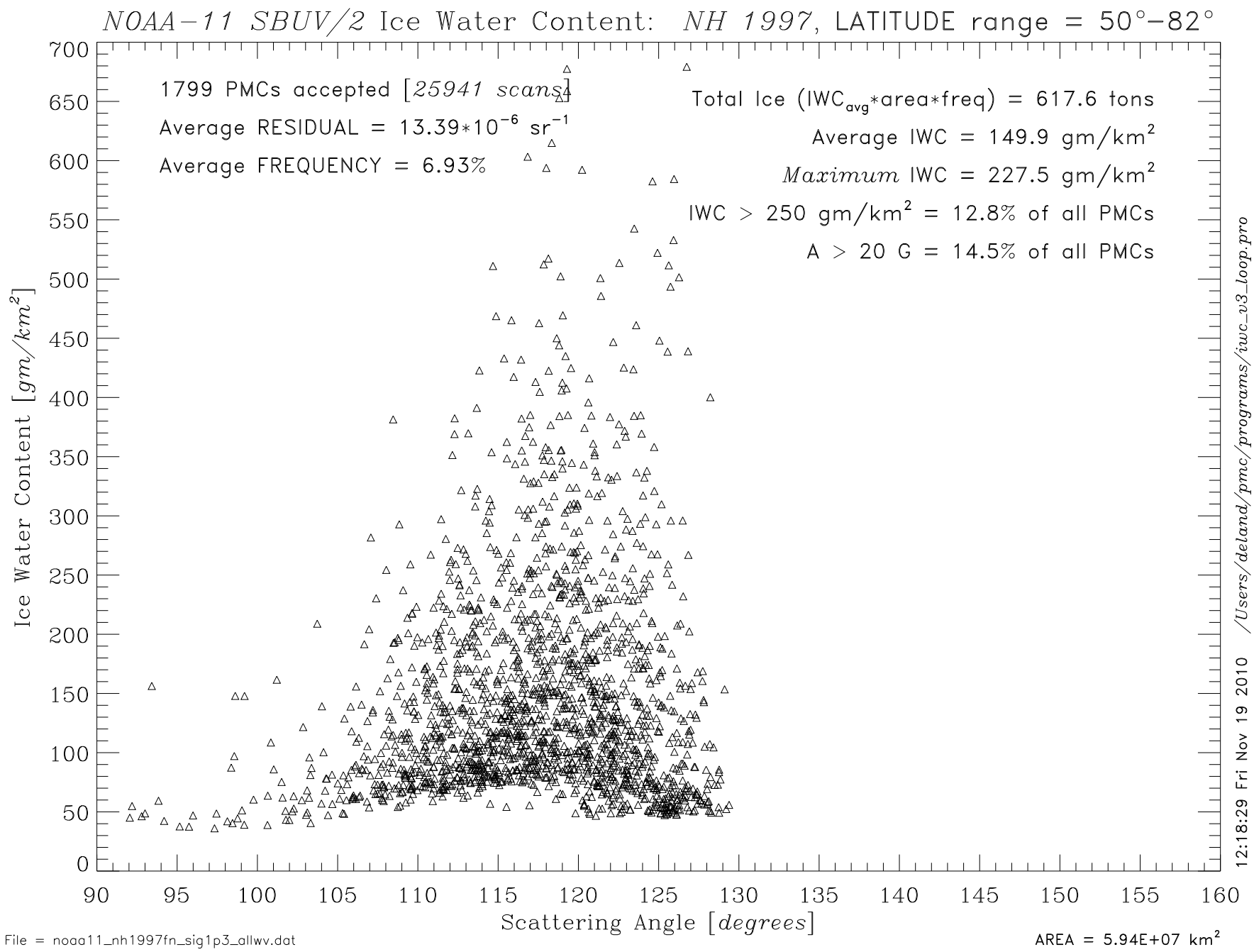
12:18:02 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1994fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1997, LATITUDE range = 50°−82°
1799 PMCs accepted [25941 scans]
Average RESIDUAL = 13.39*10^-6 sr^-1
Average FREQUENCY = 6.93%
Total Ice (IWC_avg*area*freq) = 617.6 tons
Average IWC = 149.9 gm/km^2
Maximum IWC = 227.5 gm/km^2
IWC > 250 gm/km^2 = 12.8% of all PMCs
A > 20 G = 14.5% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
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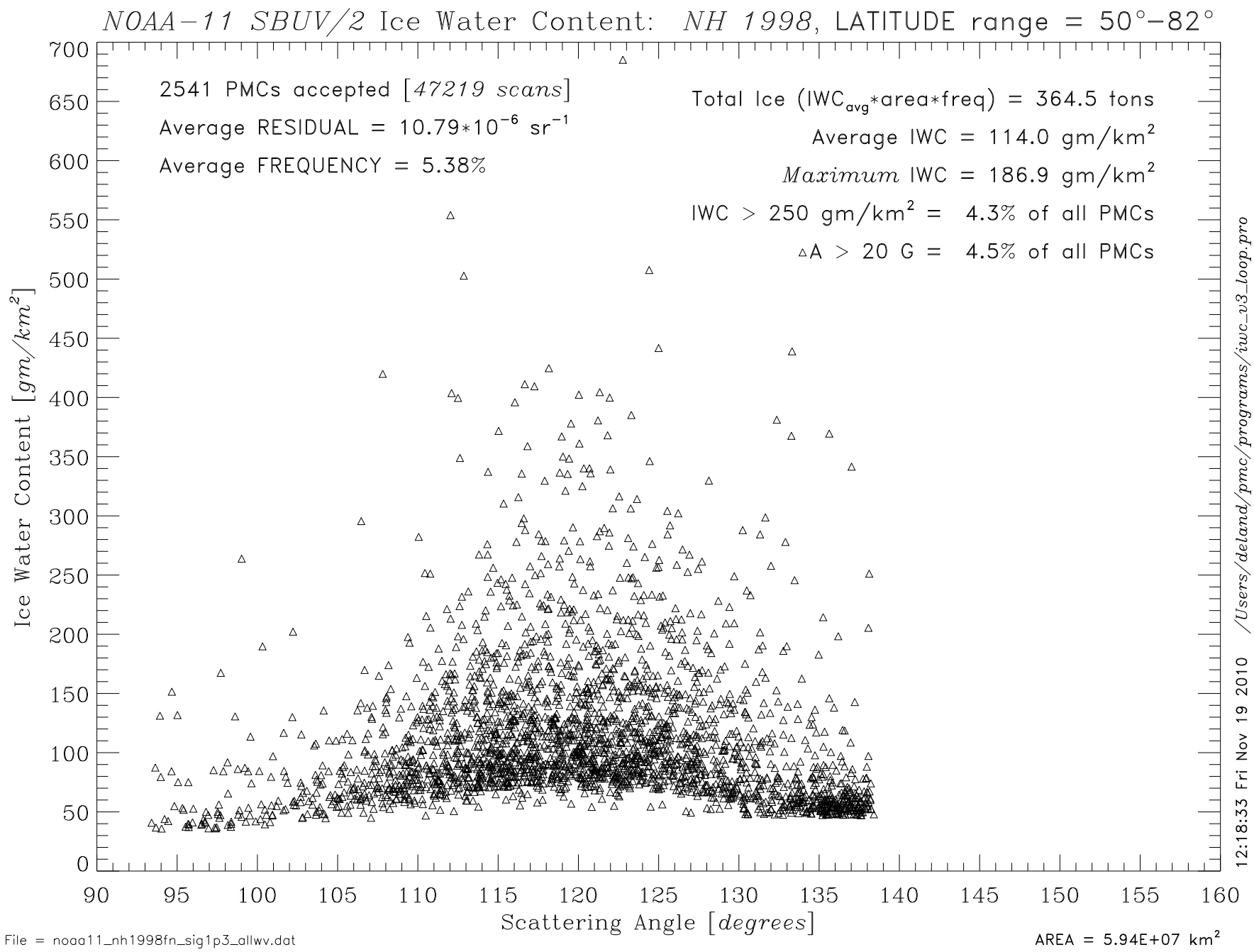
160
12:18:29 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1997fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1998, LATITUDE range = 50°−82°
2541 PMCs accepted [47219 scans]
Average RESIDUAL = 10.79*10^-6 sr^-1
Average FREQUENCY = 5.38%
Total Ice (IWC_avg*area*freq) = 364.5 tons
Average IWC = 114.0 gm/km^2
Maximum IWC = 186.9 gm/km^2
IWC > 250 gm/km^2 = 4.3% of all PMCs
ΔA > 20 G = 4.5% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
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95
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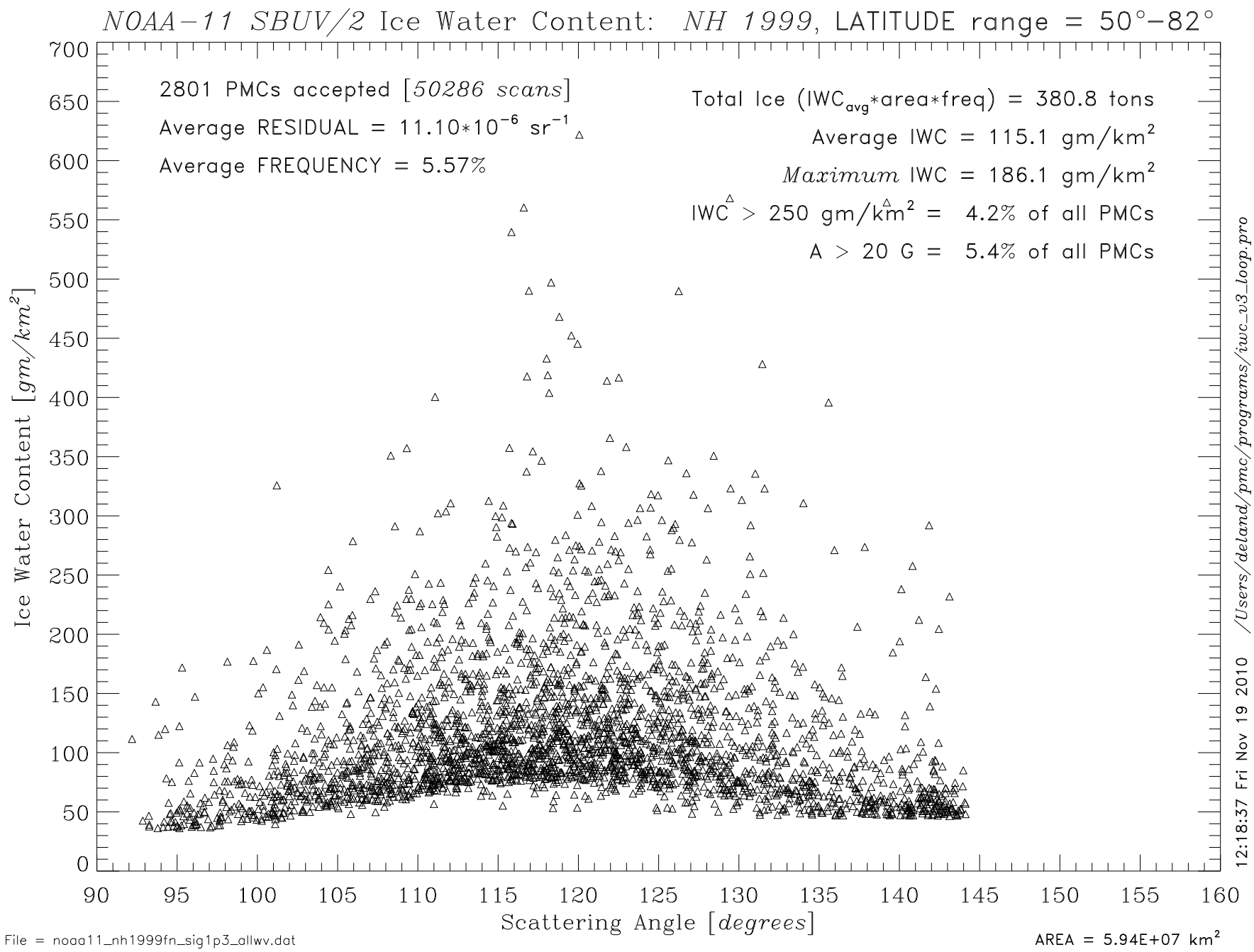
12:18:33 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1998fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1999, LATITUDE range = 50°−82°
2801 PMCs accepted [50286 scans]
Average RESIDUAL = 11.10*10^-6 sr^-1
Average FREQUENCY = 5.57%
Total Ice (IWC_avg*area*freq) = 380.8 tons
Average IWC = 115.1 gm/km^2
Maximum IWC = 186.1 gm/km^2
IWC > 250 gm/km^2 = 4.2% of all PMCs
A > 20 G = 5.4% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
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250
300
350
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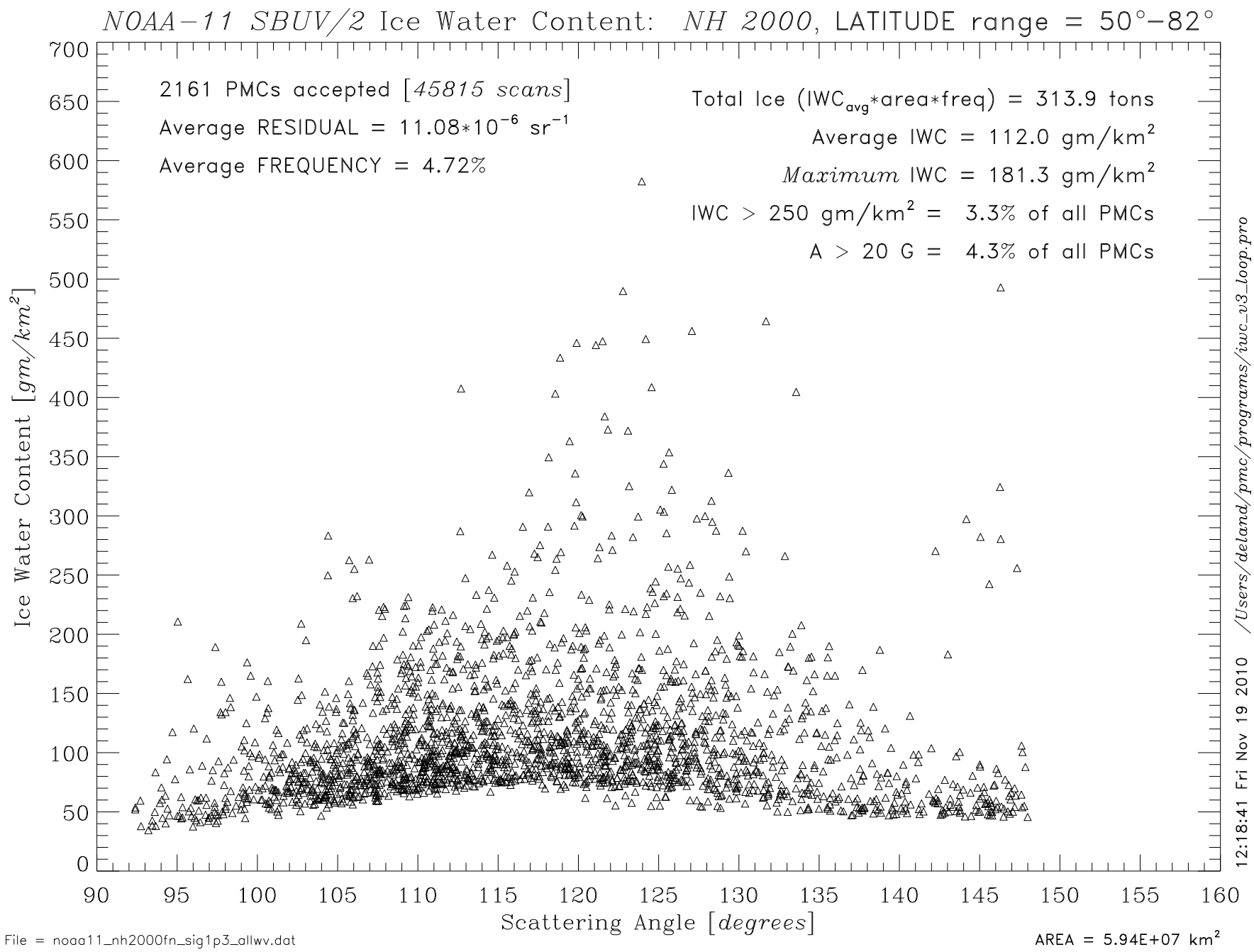
12:18:37 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1999fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 2000, LATITUDE range = 50°−82°
2161 PMCs accepted [45815 scans]
Average RESIDUAL = 11.08*10^-6 sr^-1
Average FREQUENCY = 4.72%
Total Ice (IWC_avg*area*freq) = 313.9 tons
Average IWC = 112.0 gm/km^2
Maximum IWC = 181.3 gm/km^2
IWC > 250 gm/km^2 = 3.3% of all PMCs
A > 20 G = 4.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
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200
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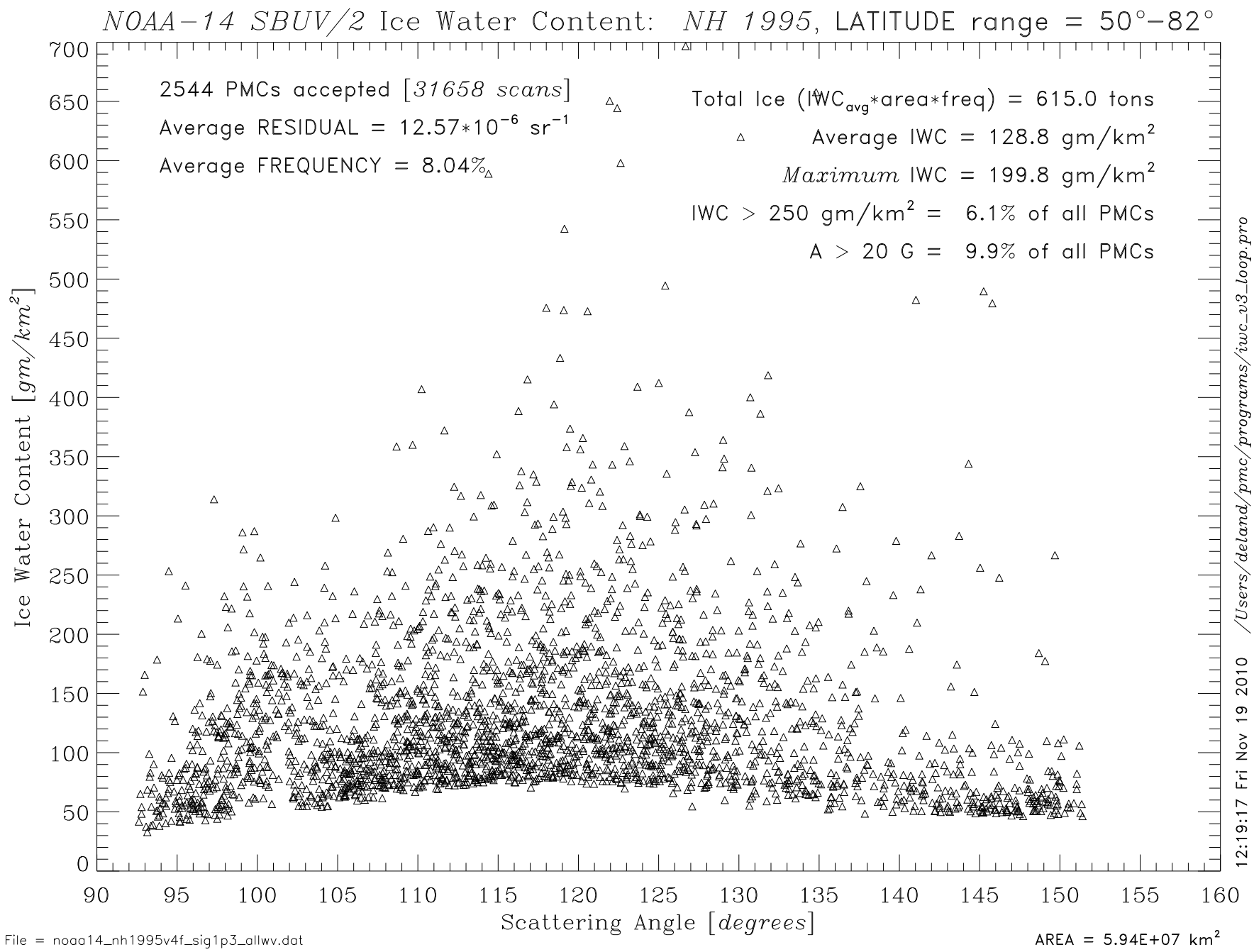
160
12:18:41 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh2000fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 1995, LATITUDE range = 50°−82°
2544 PMCs accepted [31658 scans]
Average RESIDUAL = 12.57*10^-6 sr^-1
Average FREQUENCY = 8.04%
Total Ice (IWC_avg*area*freq) = 615.0 tons
Average IWC = 128.8 gm/km^2
Maximum IWC = 199.8 gm/km^2
IWC > 250 gm/km^2 = 6.1% of all PMCs
A > 20 G = 9.9% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
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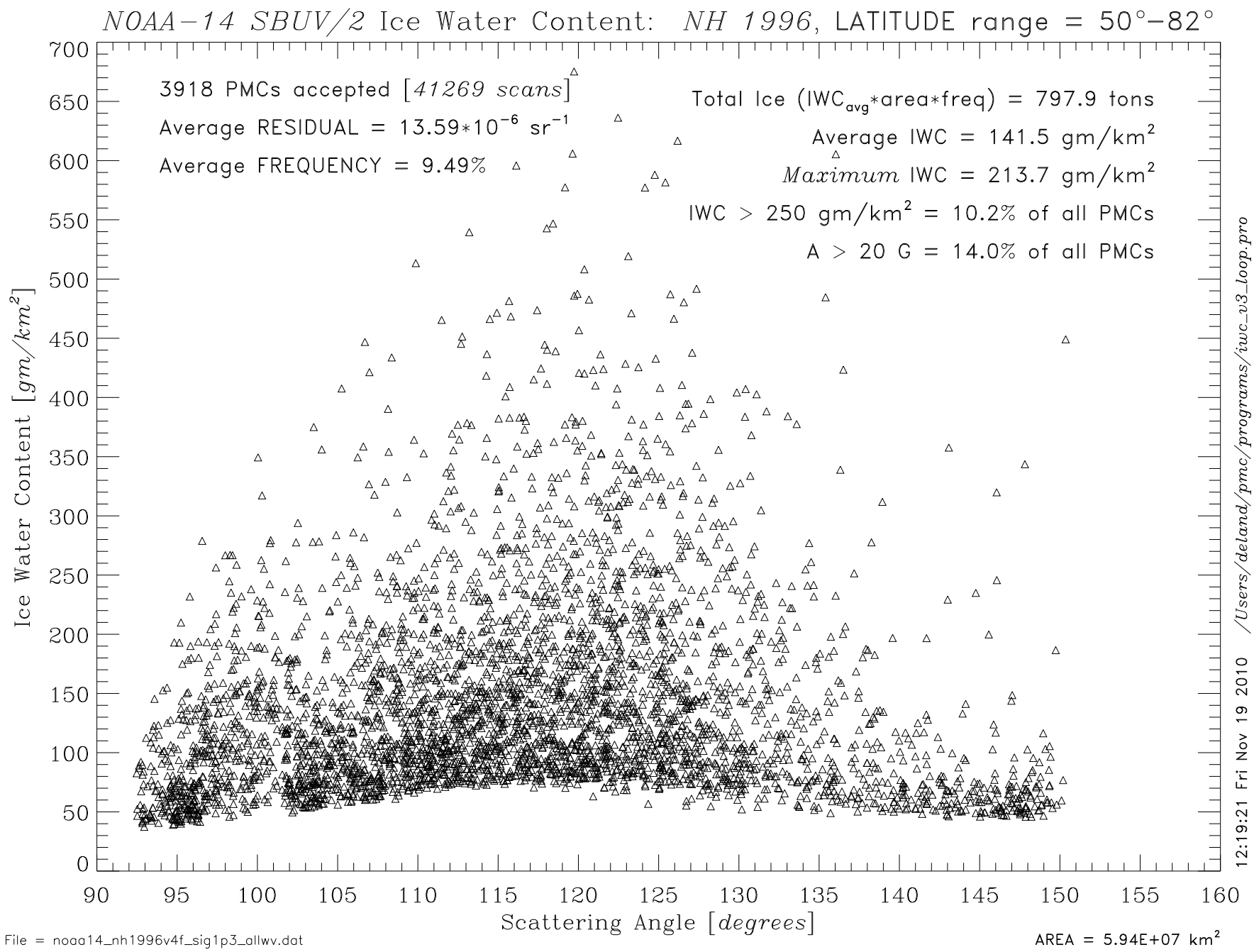
12:19:17 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh1995v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 1996, LATITUDE range = 50°−82°
3918 PMCs accepted [41269 scans]
Average RESIDUAL = 13.59*10^-6 sr^-1
Average FREQUENCY = 9.49%
Total Ice (IWC_avg*area*freq) = 797.9 tons
Average IWC = 141.5 gm/km^2
Maximum IWC = 213.7 gm/km^2
IWC > 250 gm/km^2 = 10.2% of all PMCs
A > 20 G = 14.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
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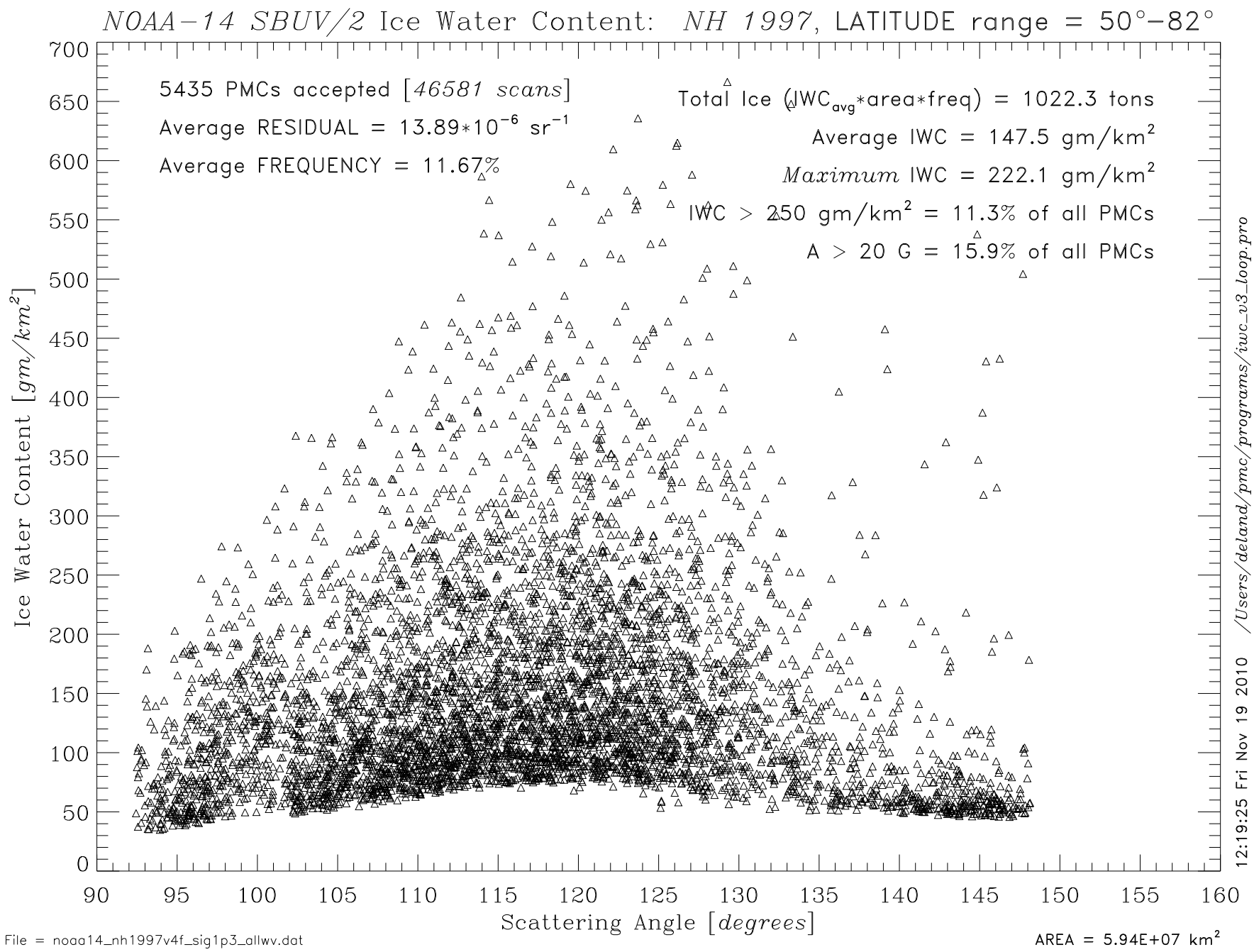
160
12:19:21 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh1996v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 1997, LATITUDE range = 50°−82°
5435 PMCs accepted [46581 scans]
Average RESIDUAL = 13.89*10^-6 sr^-1
Average FREQUENCY = 11.67%
Total Ice (IWC_avg*area*freq) = 1022.3 tons
Average IWC = 147.5 gm/km^2
Maximum IWC = 222.1 gm/km^2
IWC > 250 gm/km^2 = 11.3% of all PMCs
A > 20 G = 15.9% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
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200
250
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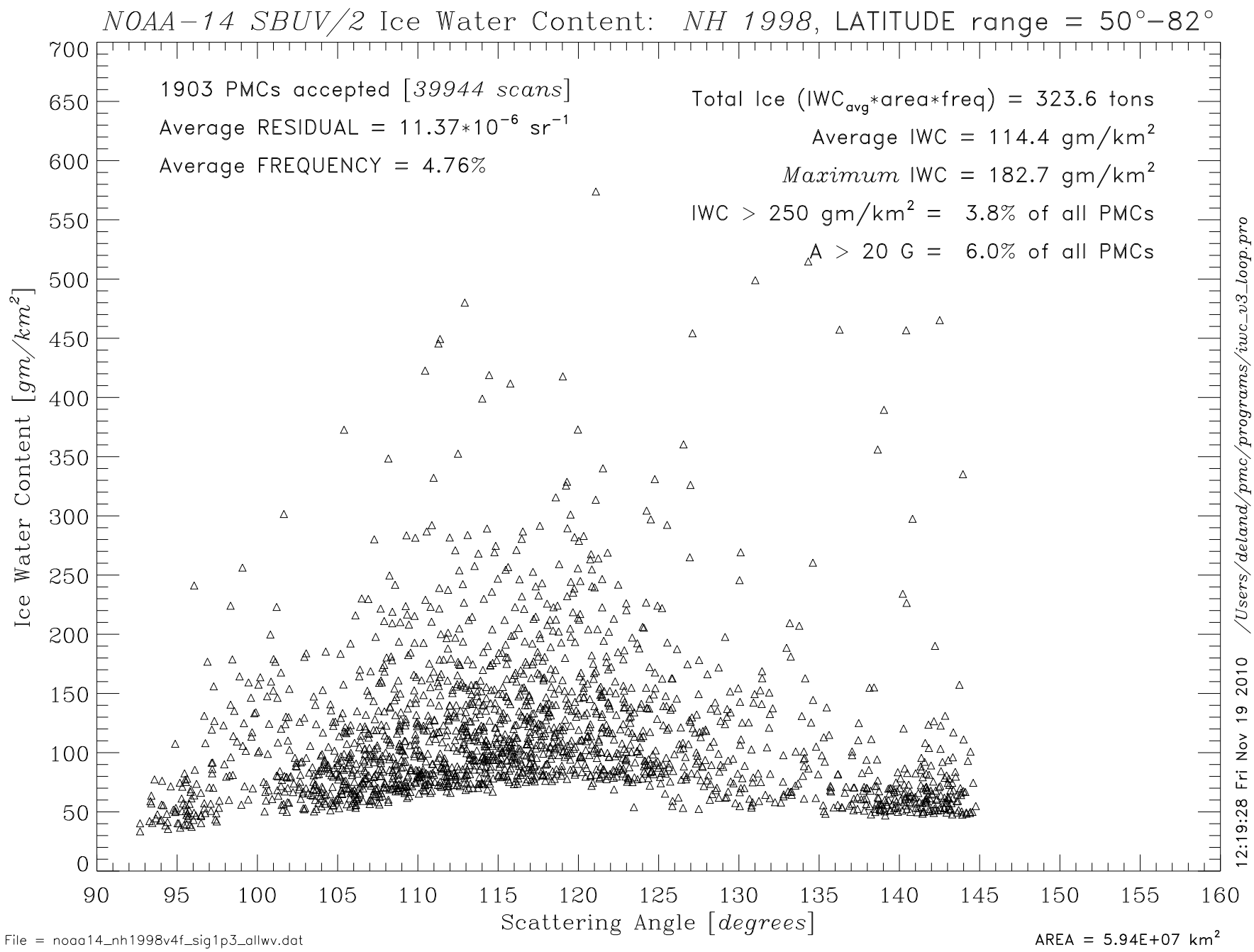
160
12:19:25 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh1997v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 1998, LATITUDE range = 50°−82°
1903 PMCs accepted [39944 scans]
Average RESIDUAL = 11.37*10^-6 sr^-1
Average FREQUENCY = 4.76%
Total Ice (IWC_avg*area*freq) = 323.6 tons
Average IWC = 114.4 gm/km^2
Maximum IWC = 182.7 gm/km^2
IWC > 250 gm/km^2 = 3.8% of all PMCs
A > 20 G = 6.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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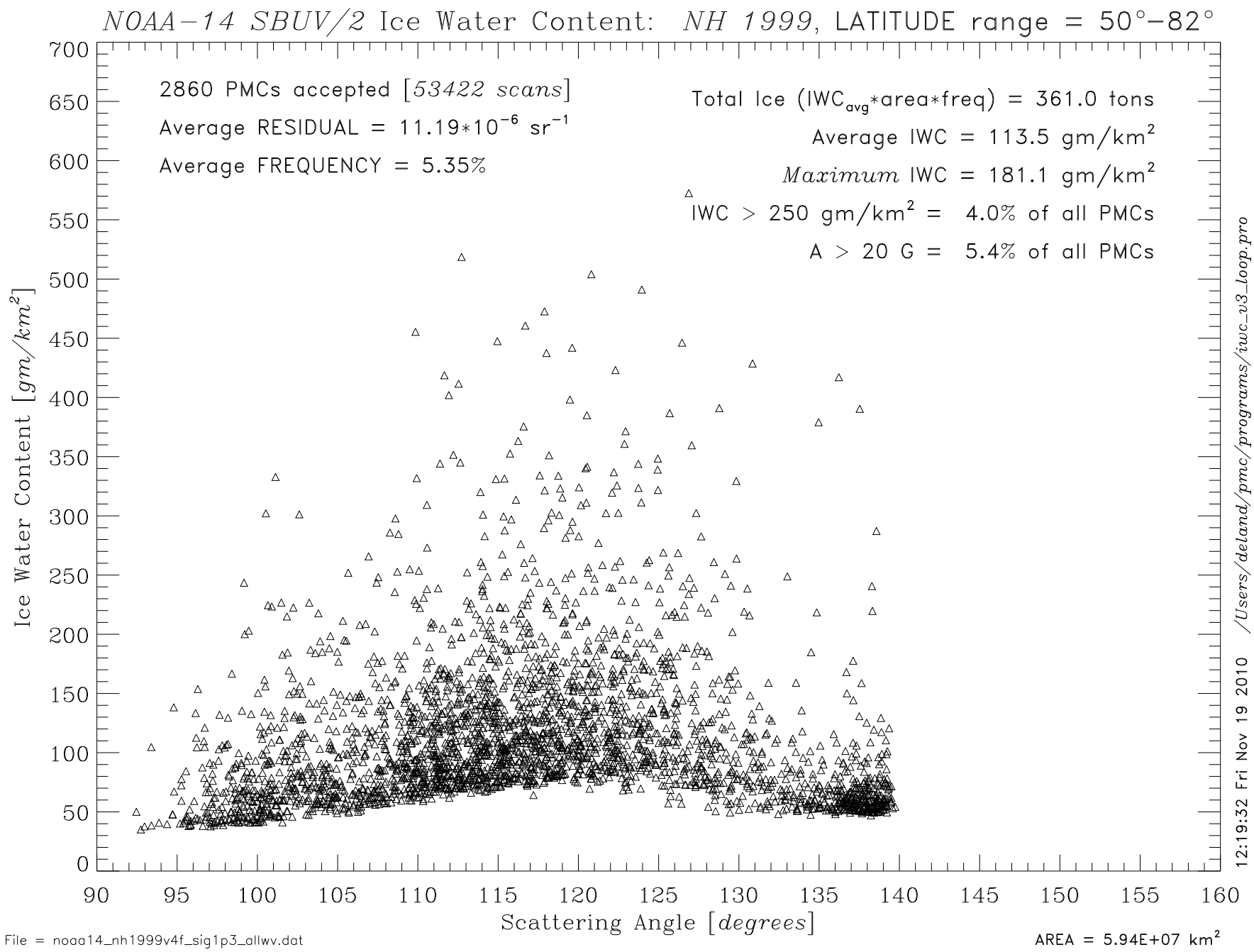
12:19:28 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh1998v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 1999, LATITUDE range = 50°−82°
2860 PMCs accepted [53422 scans]
Average RESIDUAL = 11.19*10^-6 sr^-1
Average FREQUENCY = 5.35%
Total Ice (IWC_avg*area*freq) = 361.0 tons
Average IWC = 113.5 gm/km^2
Maximum IWC = 181.1 gm/km^2
IWC > 250 gm/km^2 = 4.0% of all PMCs
A > 20 G = 5.4% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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50
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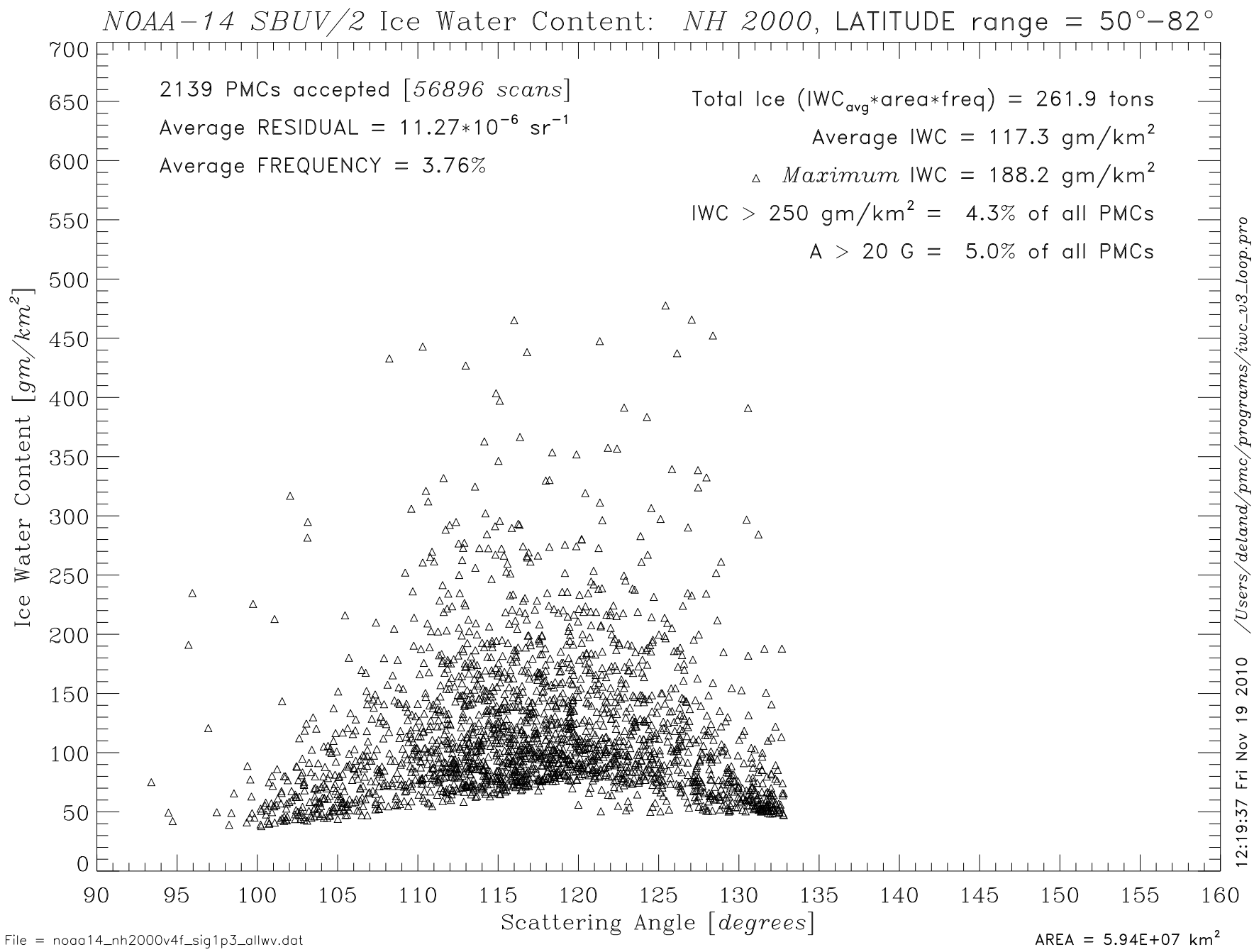
160
12:19:32 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh1999v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 2000, LATITUDE range = 50°−82°
2139 PMCs accepted [56896 scans]
Average RESIDUAL = 11.27*10^-6 sr^-1
Average FREQUENCY = 3.76%
Total Ice (IWC_avg*area*freq) = 261.9 tons
Average IWC = 117.3 gm/km^2
Maximum IWC = 188.2 gm/km^2
IWC > 250 gm/km^2 = 4.3% of all PMCs
A > 20 G = 5.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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150
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250
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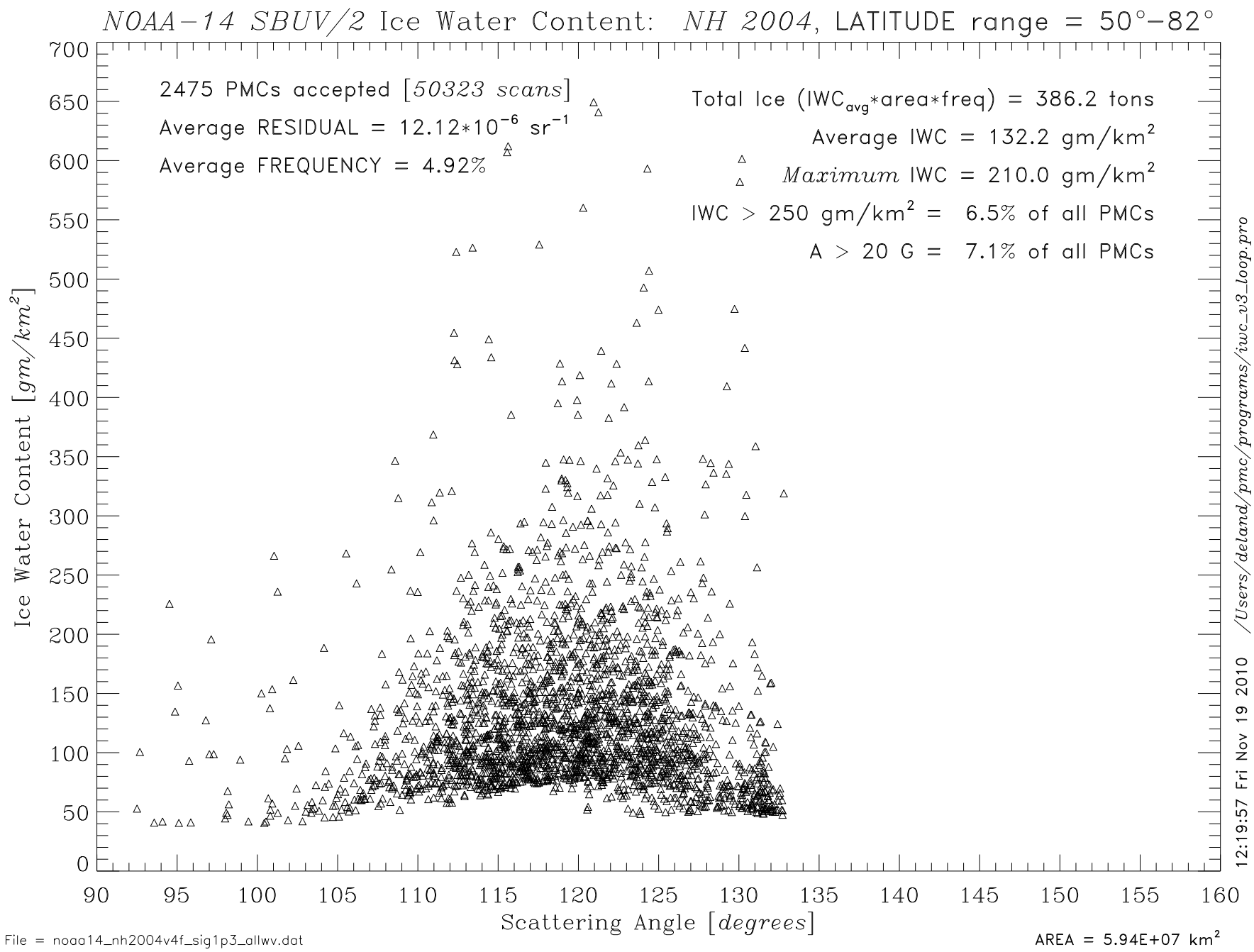
160
12:19:37 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh2000v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 2004, LATITUDE range = 50°−82°
2475 PMCs accepted [50323 scans]
Average RESIDUAL = 12.12*10^-6 sr^-1
Average FREQUENCY = 4.92%
Total Ice (IWC_avg*area*freq) = 386.2 tons
Average IWC = 132.2 gm/km^2
Maximum IWC = 210.0 gm/km^2
IWC > 250 gm/km^2 = 6.5% of all PMCs
A > 20 G = 7.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
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400
450
500
550
600
650
700
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95
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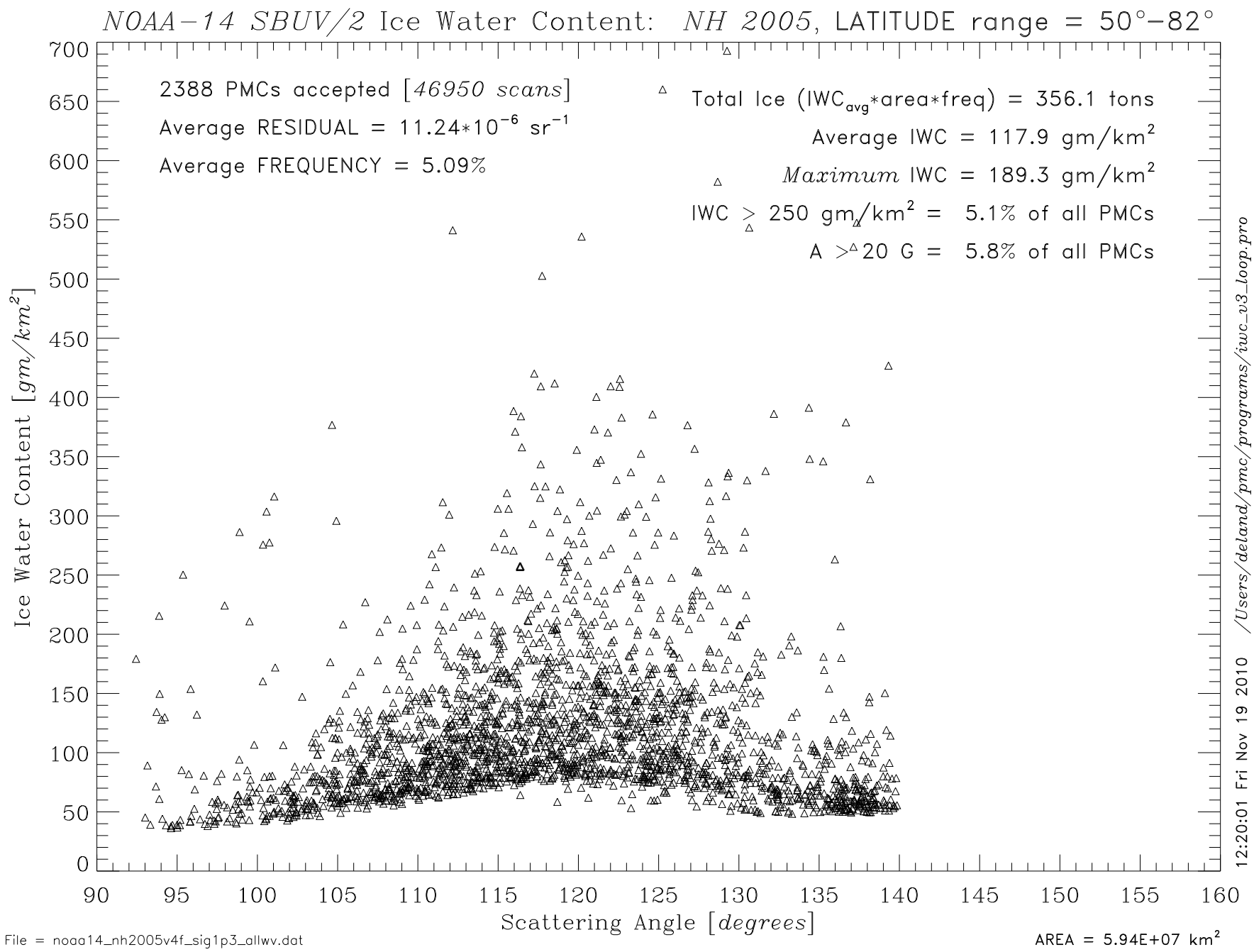
160
12:19:57 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh2004v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 2005, LATITUDE range = 50°−82°
2388 PMCs accepted [46950 scans]
Average RESIDUAL = 11.24*10^-6 sr^-1
Average FREQUENCY = 5.09%
Total Ice (IWC_avg*area*freq) = 356.1 tons
Average IWC = 117.9 gm/km^2
Maximum IWC = 189.3 gm/km^2
IWC > 250 gm/km^2 = 5.1% of all PMCs
A > 20 G = 5.8% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
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350
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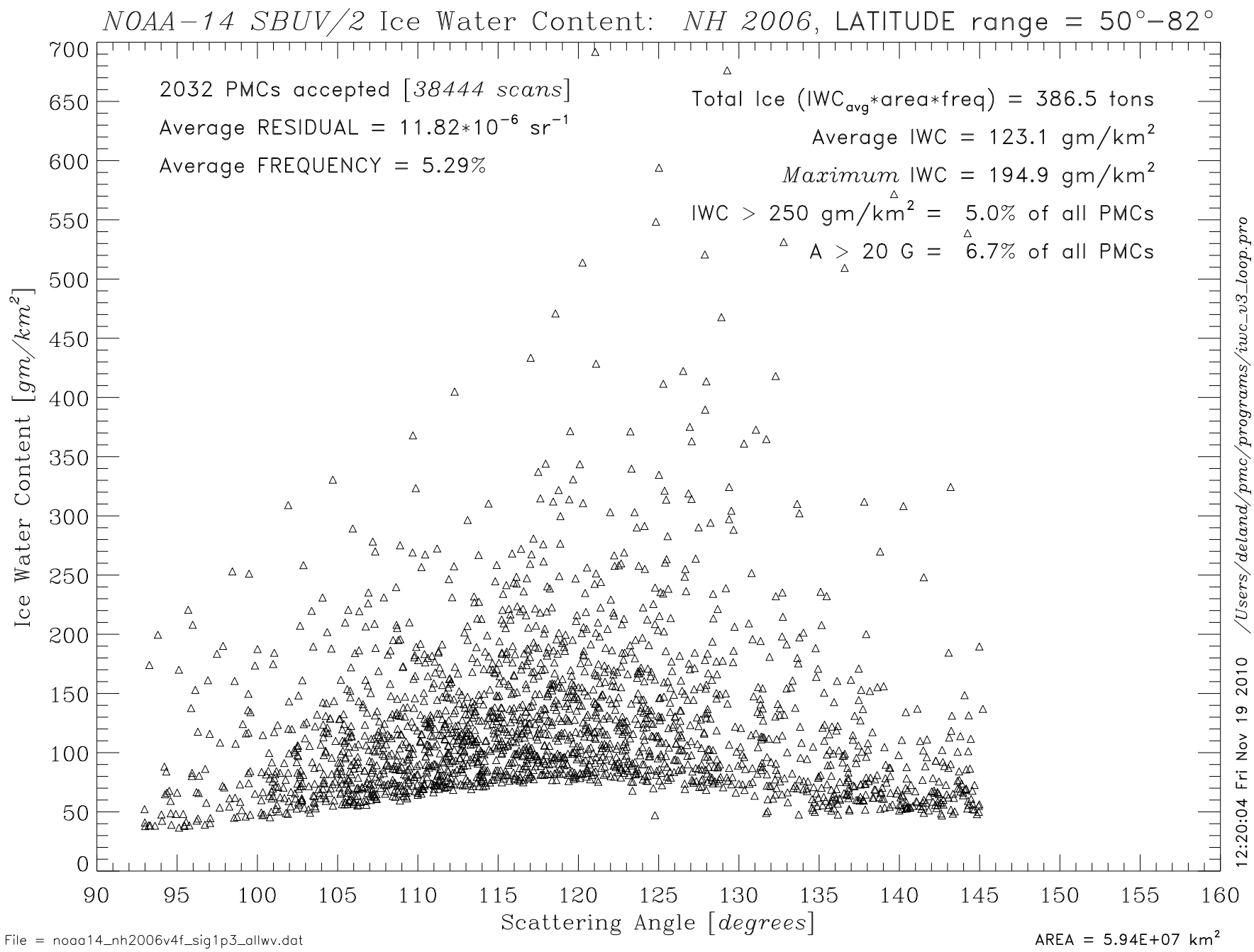
160
12:20:01 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh2005v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 2006, LATITUDE range = 50°−82°
2032 PMCs accepted [38444 scans]
Average RESIDUAL = 11.82*10^-6 sr^-1
Average FREQUENCY = 5.29%
Total Ice (IWC_avg*area*freq) = 386.5 tons
Average IWC = 123.1 gm/km^2
Maximum IWC = 194.9 gm/km^2
IWC > 250 gm/km^2 = 5.0% of all PMCs
A > 20 G = 6.7% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
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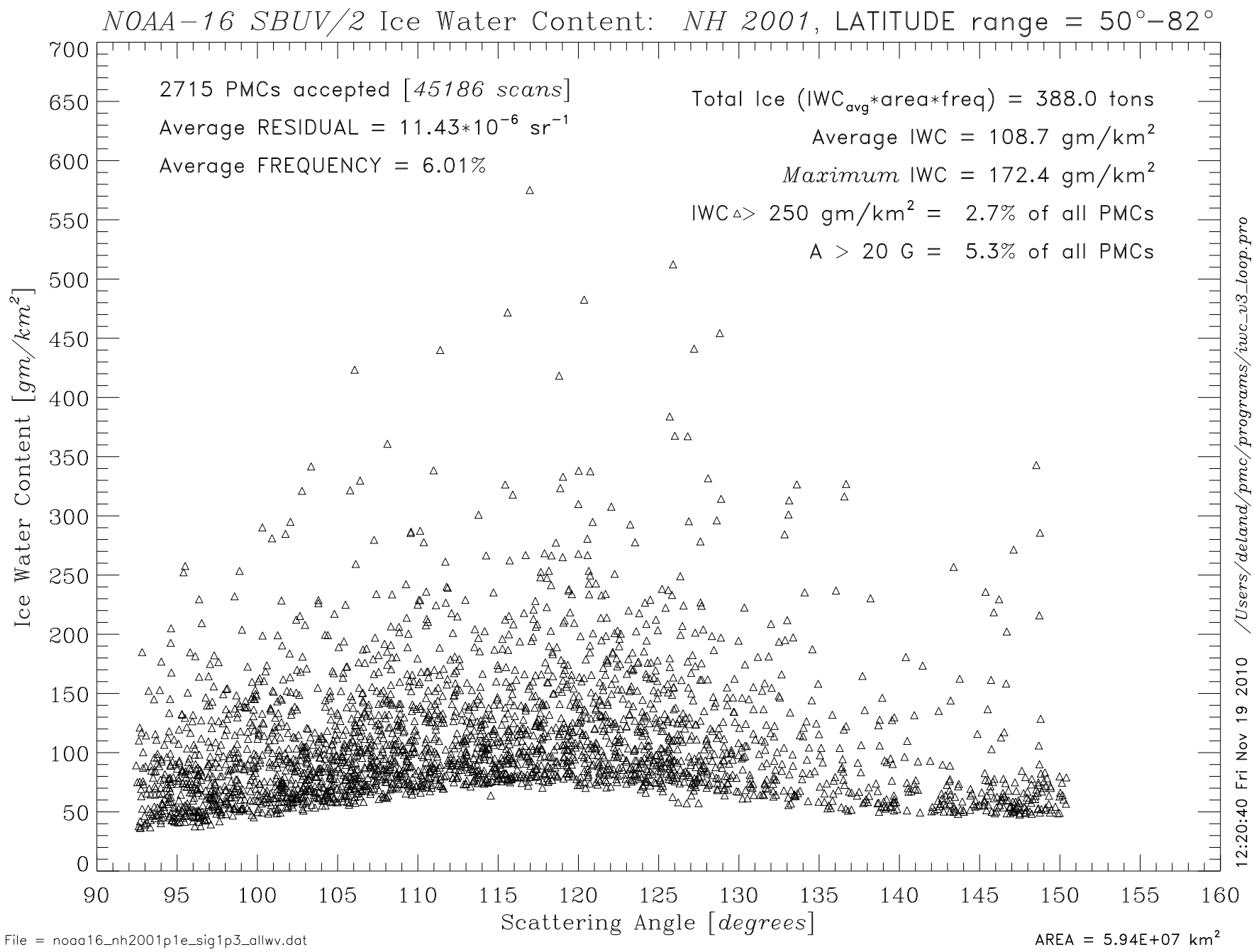
12:20:04 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh2006v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: NH 2001, LATITUDE range = 50°−82°
2715 PMCs accepted [45186 scans]
Average RESIDUAL = 11.43*10^-6 sr^-1
Average FREQUENCY = 6.01%
Total Ice (IWC_avg*area*freq) = 388.0 tons
Average IWC = 108.7 gm/km^2
Maximum IWC = 172.4 gm/km^2
IWC > 250 gm/km^2 = 2.7% of all PMCs
A > 20 G = 5.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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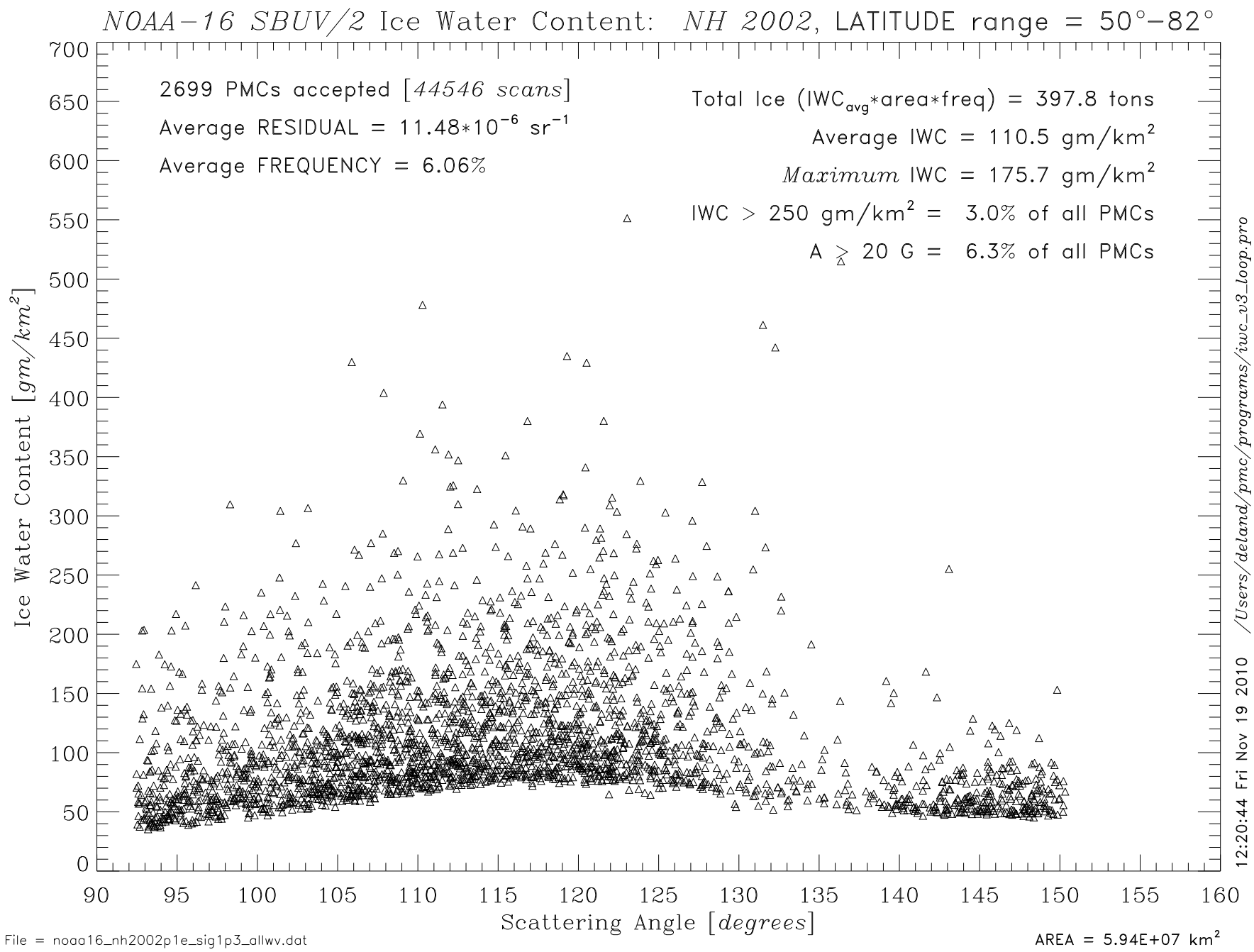
12:20:40 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_nh2001p1e_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: NH 2002, LATITUDE range = 50°−82°
2699 PMCs accepted [44546 scans]
Average RESIDUAL = 11.48*10^-6 sr^-1
Average FREQUENCY = 6.06%
Total Ice (IWC_avg*area*freq) = 397.8 tons
Average IWC = 110.5 gm/km^2
Maximum IWC = 175.7 gm/km^2
IWC > 250 gm/km^2 = 3.0% of all PMCs
A ≥ 20 G = 6.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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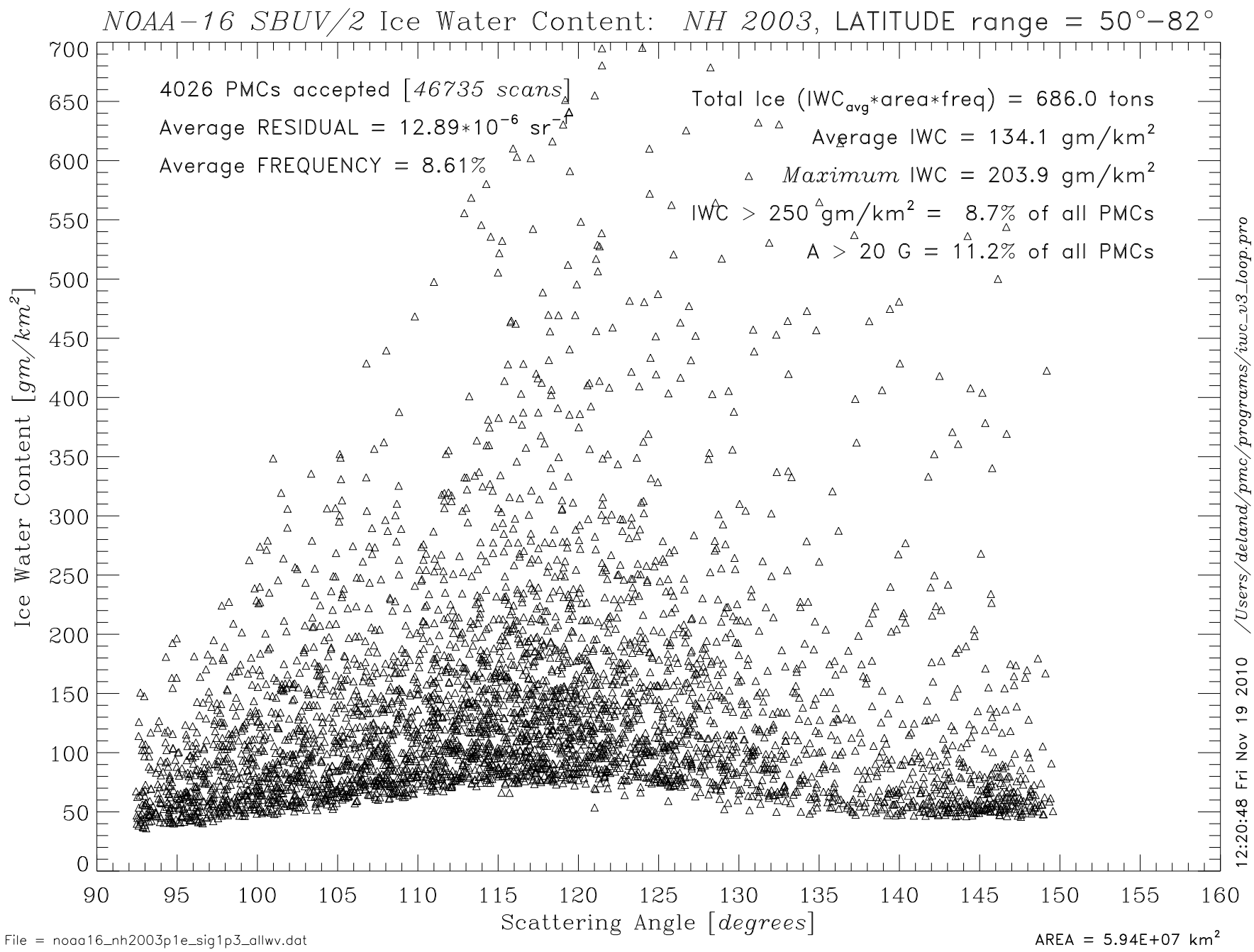
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:20:44 Fri Nov 19 2010
File = noaa16_nh2002p1e_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: NH 2003, LATITUDE range = 50°−82°
4026 PMCs accepted [46735 scans]
Average RESIDUAL = 12.89*10^-6 sr^-1
Average FREQUENCY = 8.61%
Total Ice (IWC_avg*area*freq) = 686.0 tons
Average IWC = 134.1 gm/km^2
Maximum IWC = 203.9 gm/km^2
IWC > 250 gm/km^2 = 8.7% of all PMCs
A > 20 G = 11.2% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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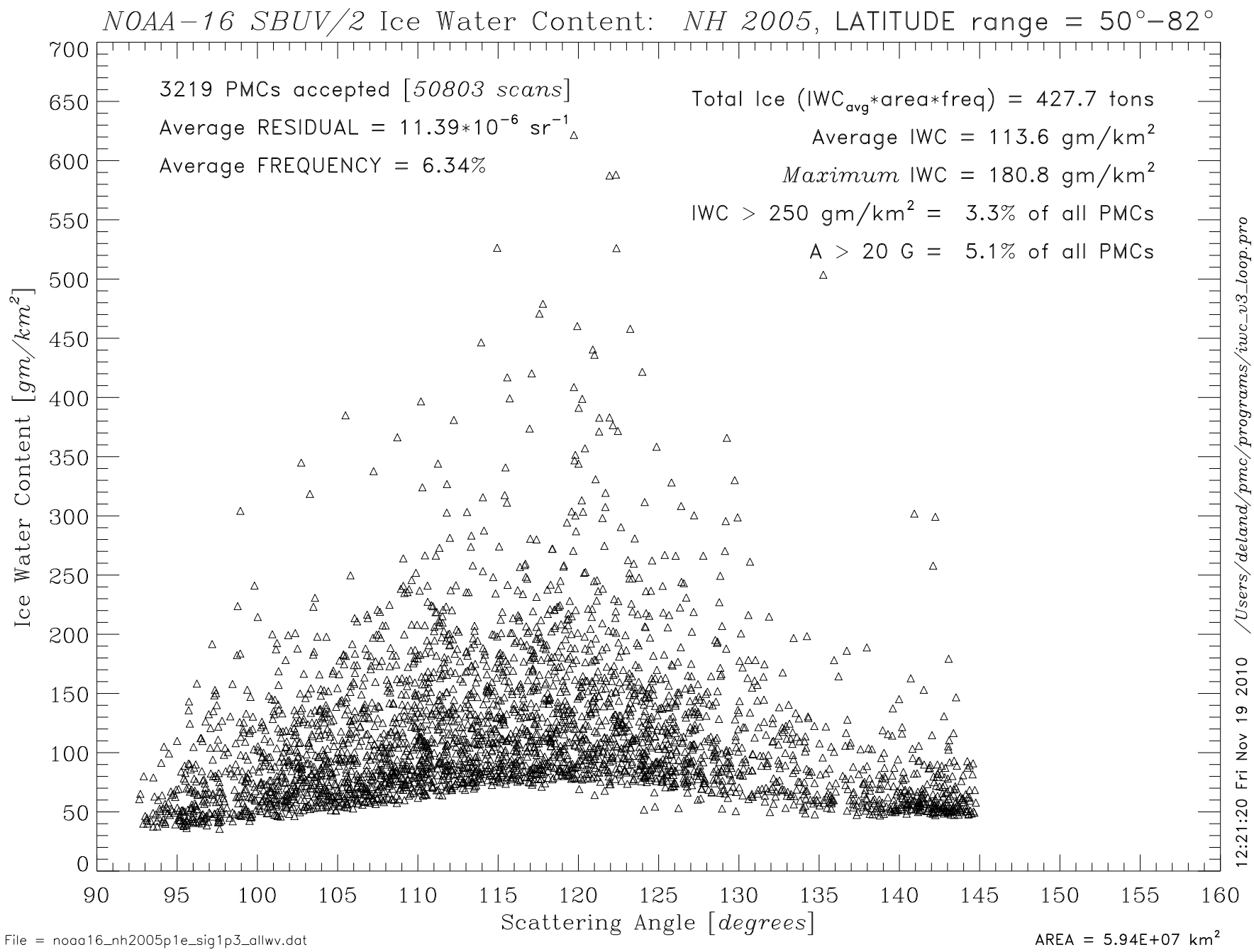
12:20:48 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_nh2003p1e_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: NH 2005, LATITUDE range = 50°−82°
3219 PMCs accepted [50803 scans]
Average RESIDUAL = 11.39*10^-6 sr^-1
Average FREQUENCY = 6.34%
Total Ice (IWC_avg*area*freq) = 427.7 tons
Average IWC = 113.6 gm/km^2
Maximum IWC = 180.8 gm/km^2
IWC > 250 gm/km^2 = 3.3% of all PMCs
A > 20 G = 5.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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300
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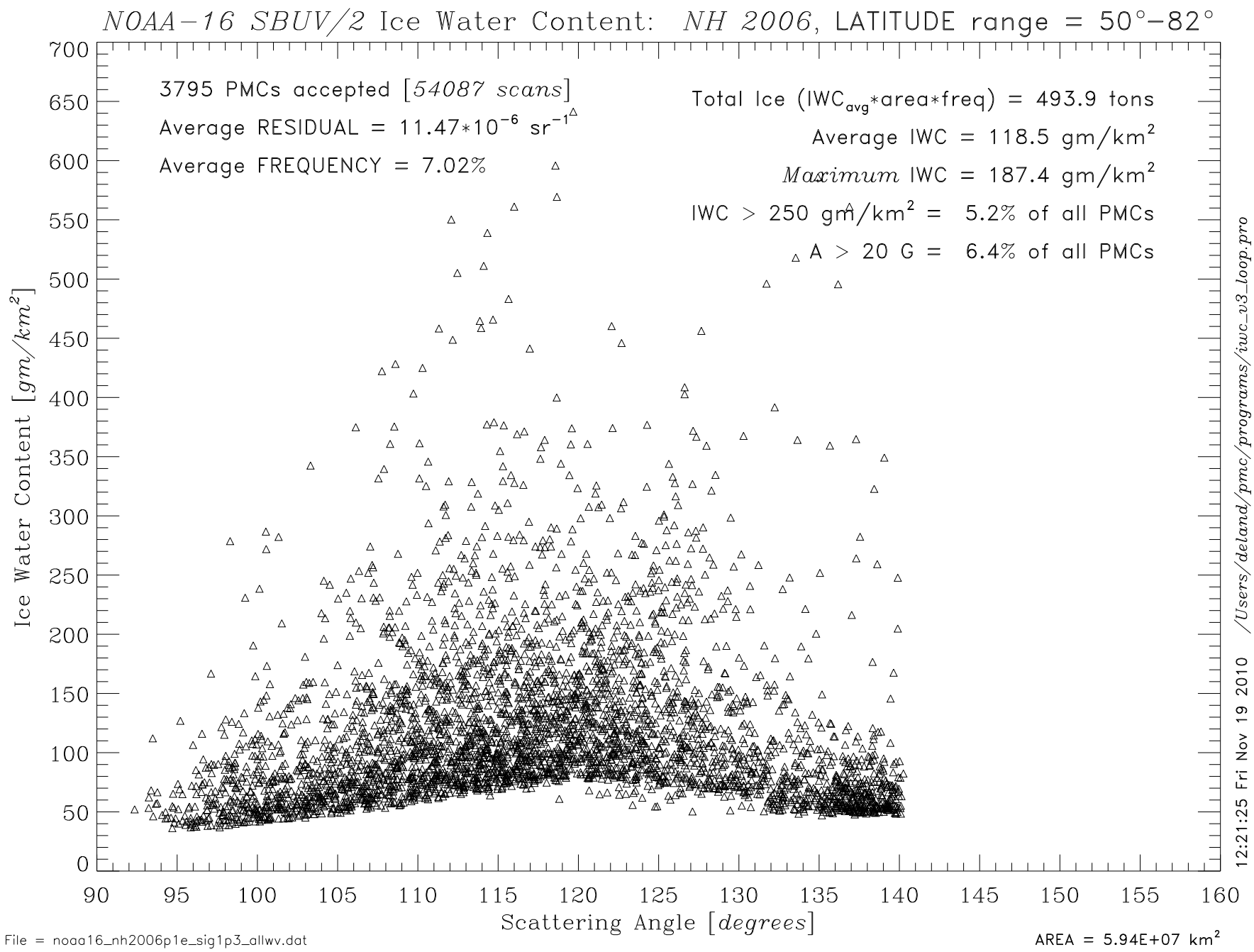
160
12:21:20 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_nh2005p1e_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: NH 2006, LATITUDE range = 50°−82°
3795 PMCs accepted [54087 scans]
Average RESIDUAL = 11.47*10^-6 sr^-1
Average FREQUENCY = 7.02%
Total Ice (IWC_avg*area*freq) = 493.9 tons
Average IWC = 118.5 gm/km^2
Maximum IWC = 187.4 gm/km^2
IWC > 250 gm/km^2 = 5.2% of all PMCs
A > 20 G = 6.4% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
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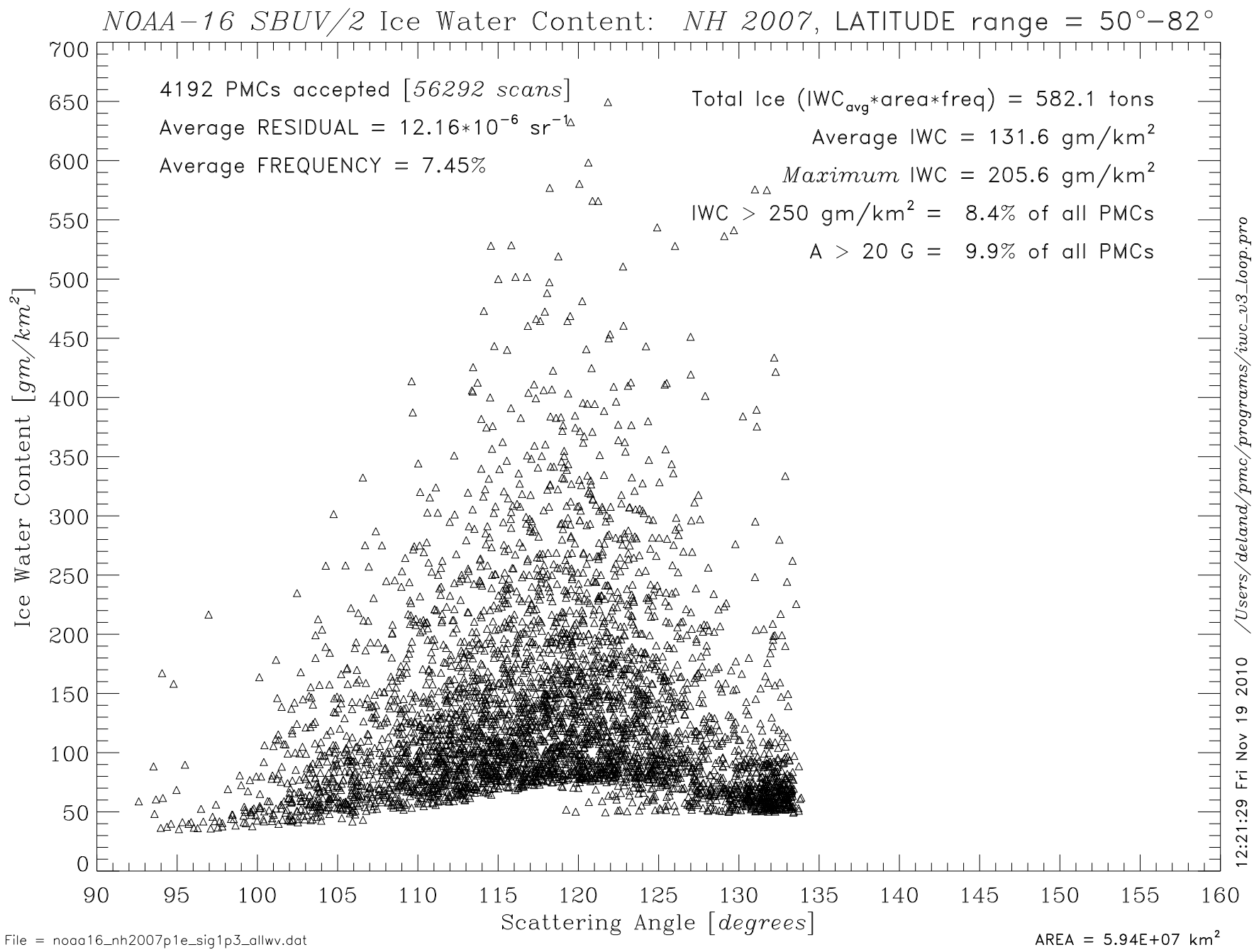
160
12:21:25 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_nh2006p1e_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: NH 2007, LATITUDE range = 50°−82°
4192 PMCs accepted [56292 scans]
Average RESIDUAL = 12.16*10^-6 sr^-1
Average FREQUENCY = 7.45%
Total Ice (IWC_avg*area*freq) = 582.1 tons
Average IWC = 131.6 gm/km^2
Maximum IWC = 205.6 gm/km^2
IWC > 250 gm/km^2 = 8.4% of all PMCs
A > 20 G = 9.9% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
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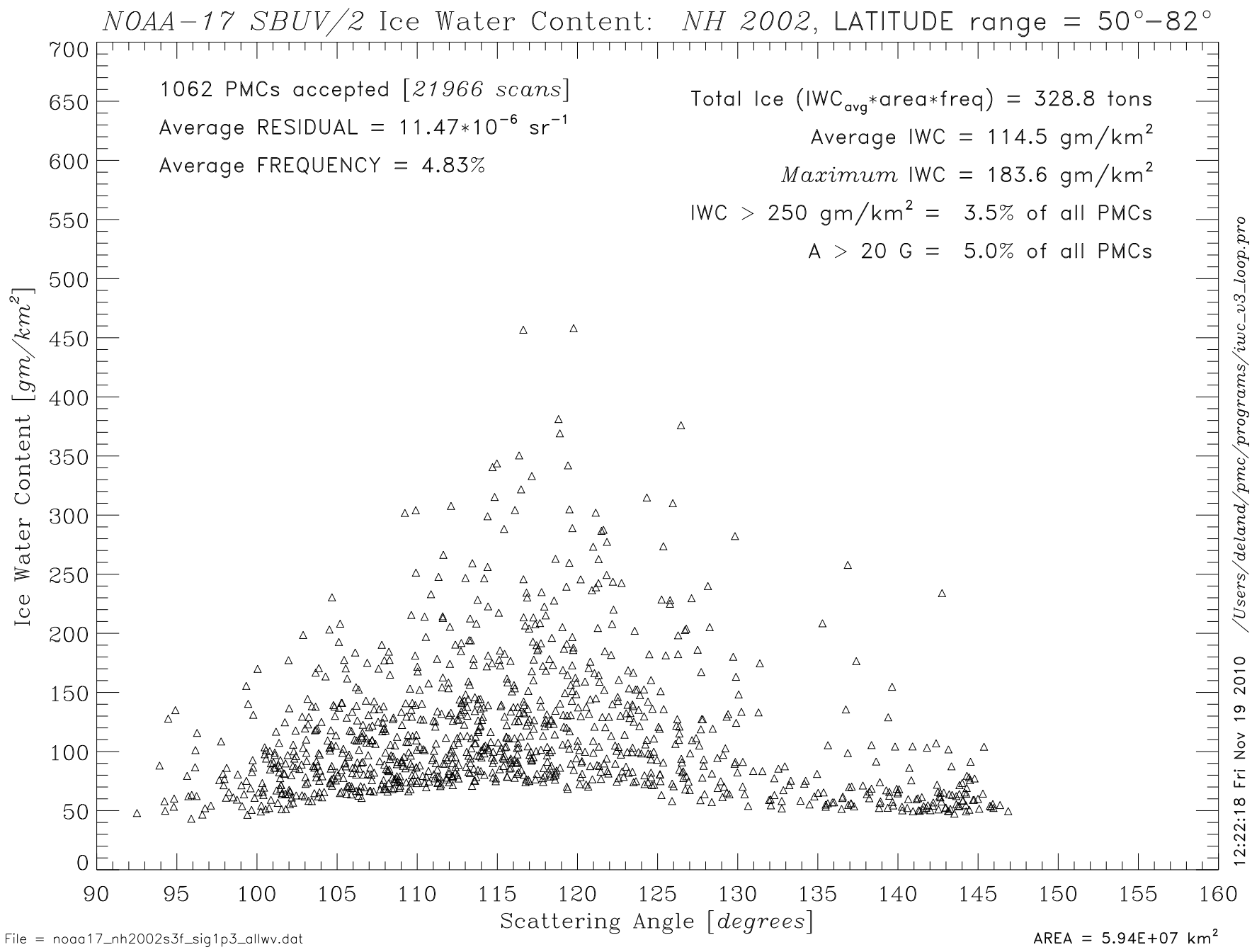
12:21:29 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_nh2007p1e_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2002, LATITUDE range = 50°−82°
1062 PMCs accepted [21966 scans]
Average RESIDUAL = 11.47*10^-6 sr^-1
Average FREQUENCY = 4.83%
Total Ice (IWC_avg*area*freq) = 328.8 tons
Average IWC = 114.5 gm/km^2
Maximum IWC = 183.6 gm/km^2
IWC > 250 gm/km^2 = 3.5% of all PMCs
A > 20 G = 5.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
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250
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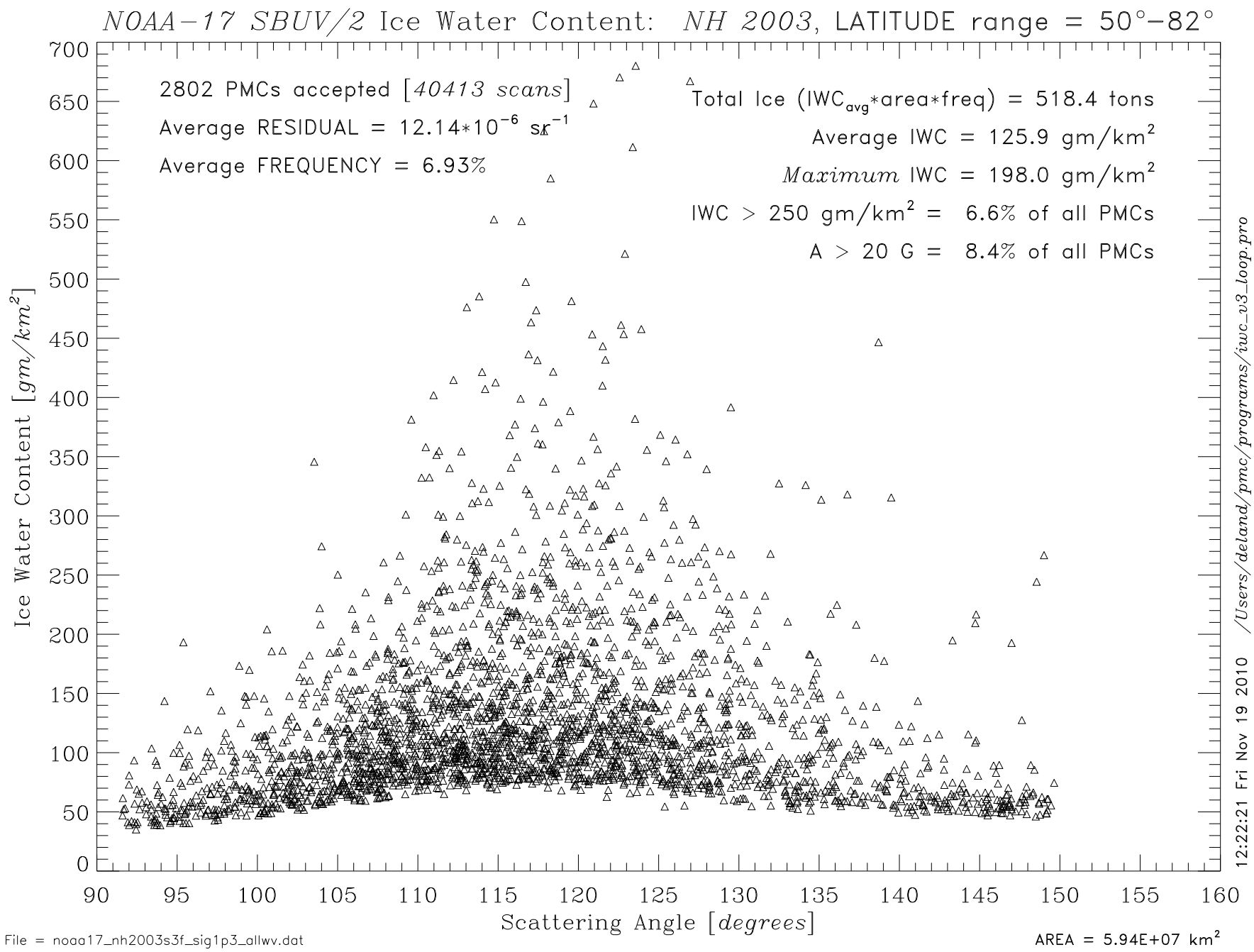
12:22:18 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2002s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2003, LATITUDE range = 50°−82°
2802 PMCs accepted [40413 scans]
Average RESIDUAL = 12.14*10^-6 sr^-1
Average FREQUENCY = 6.93%
Total Ice (IWC_avg*area*freq) = 518.4 tons
Average IWC = 125.9 gm/km^2
Maximum IWC = 198.0 gm/km^2
IWC > 250 gm/km^2 = 6.6% of all PMCs
A > 20 G = 8.4% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
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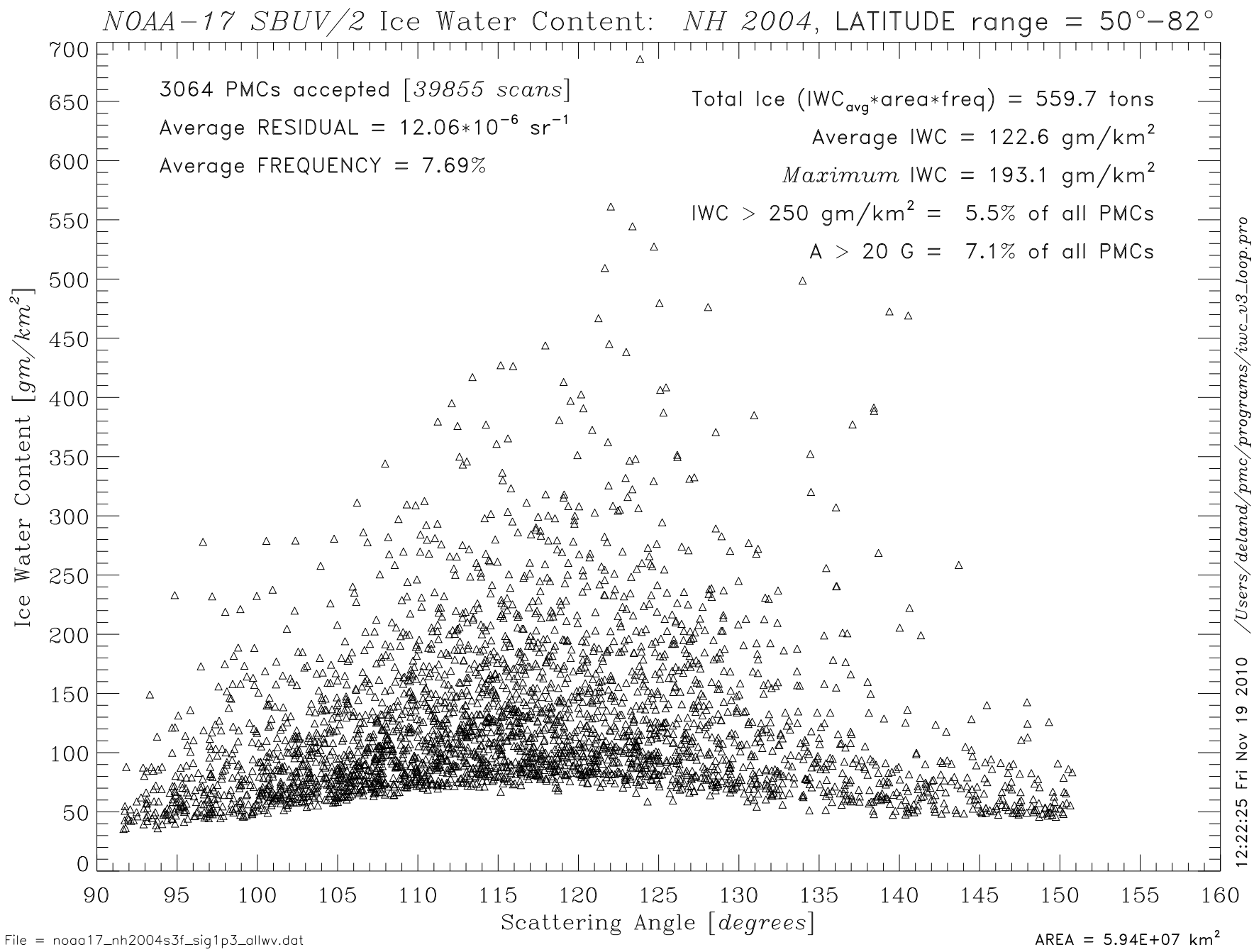
12:22:21 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2003s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2004, LATITUDE range = 50°−82°
3064 PMCs accepted [39855 scans]
Average RESIDUAL = 12.06*10^-6 sr^-1
Average FREQUENCY = 7.69%
Total Ice (IWC_avg*area*freq) = 559.7 tons
Average IWC = 122.6 gm/km^2
Maximum IWC = 193.1 gm/km^2
IWC > 250 gm/km^2 = 5.5% of all PMCs
A > 20 G = 7.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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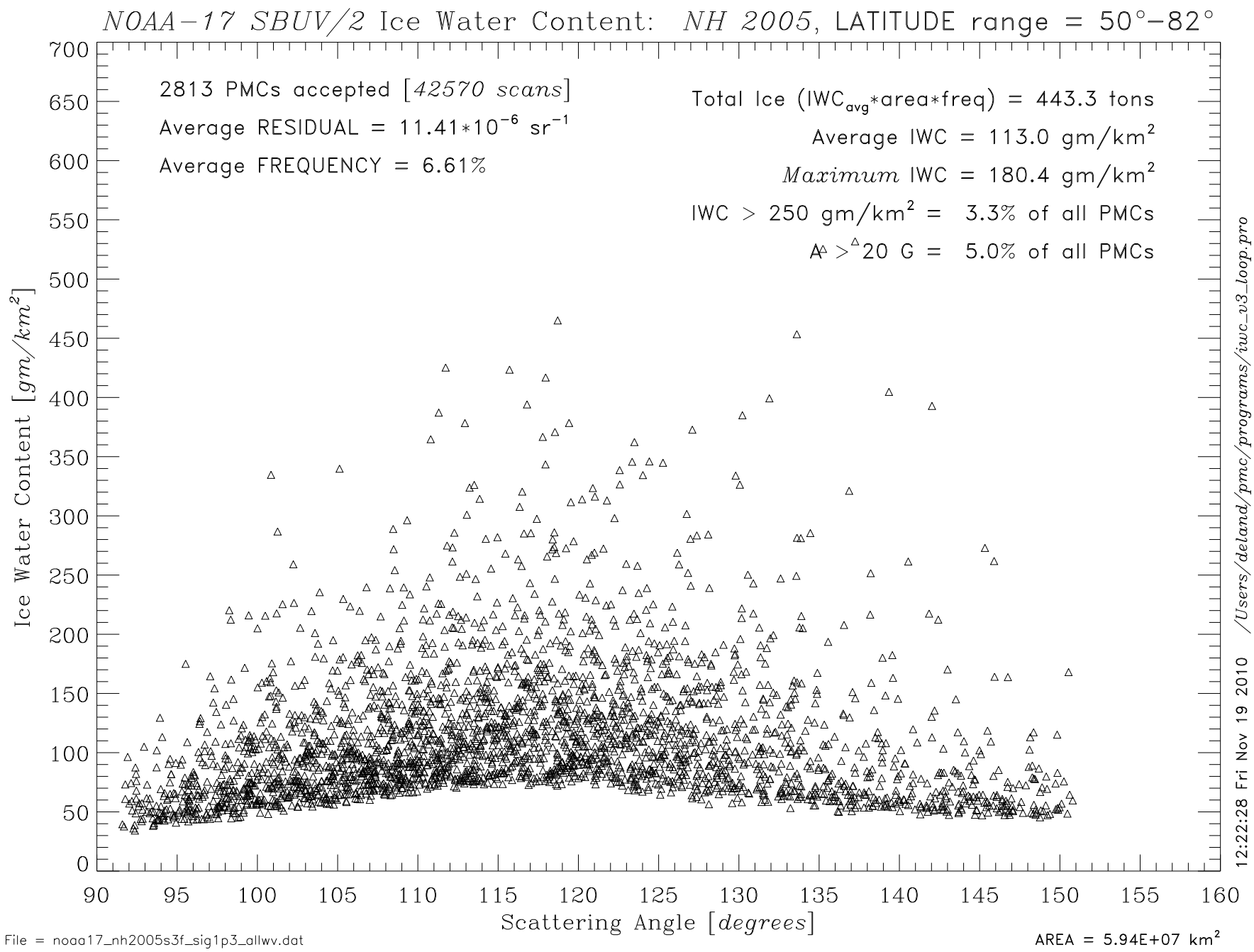
12:22:25 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2004s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2005, LATITUDE range = 50°−82°
2813 PMCs accepted [42570 scans]
Average RESIDUAL = 11.41*10^-6 sr^-1
Average FREQUENCY = 6.61%
Total Ice (IWC_avg*area*freq) = 443.3 tons
Average IWC = 113.0 gm/km^2
Maximum IWC = 180.4 gm/km^2
IWC > 250 gm/km^2 = 3.3% of all PMCs
A > 20 G = 5.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
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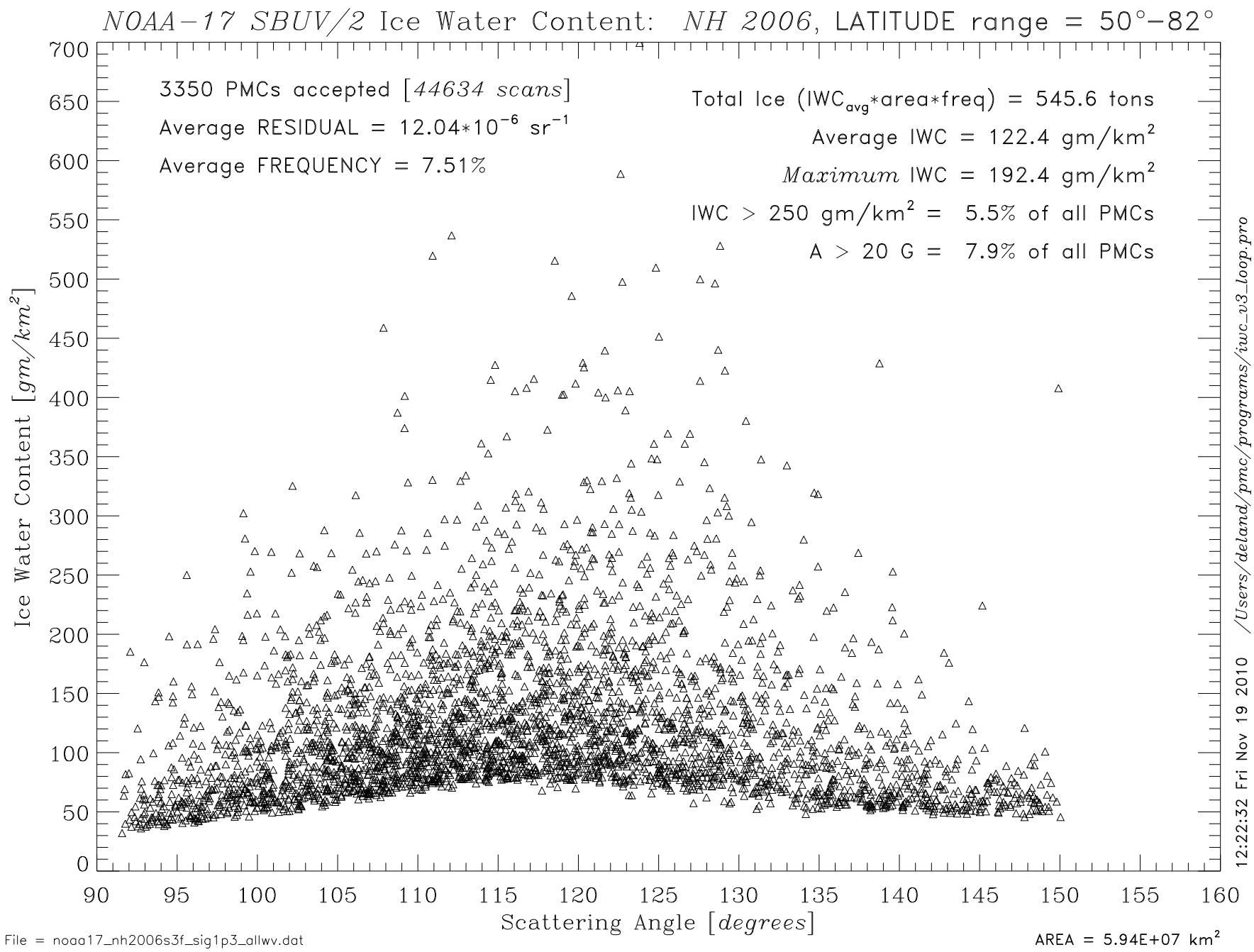
160
12:22:28 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2005s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2006, LATITUDE range = 50°−82°
3350 PMCs accepted [44634 scans]
Average RESIDUAL = 12.04*10^-6 sr^-1
Average FREQUENCY = 7.51%
Total Ice (IWC_avg*area*freq) = 545.6 tons
Average IWC = 122.4 gm/km^2
Maximum IWC = 192.4 gm/km^2
IWC > 250 gm/km^2 = 5.5% of all PMCs
A > 20 G = 7.9% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
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100
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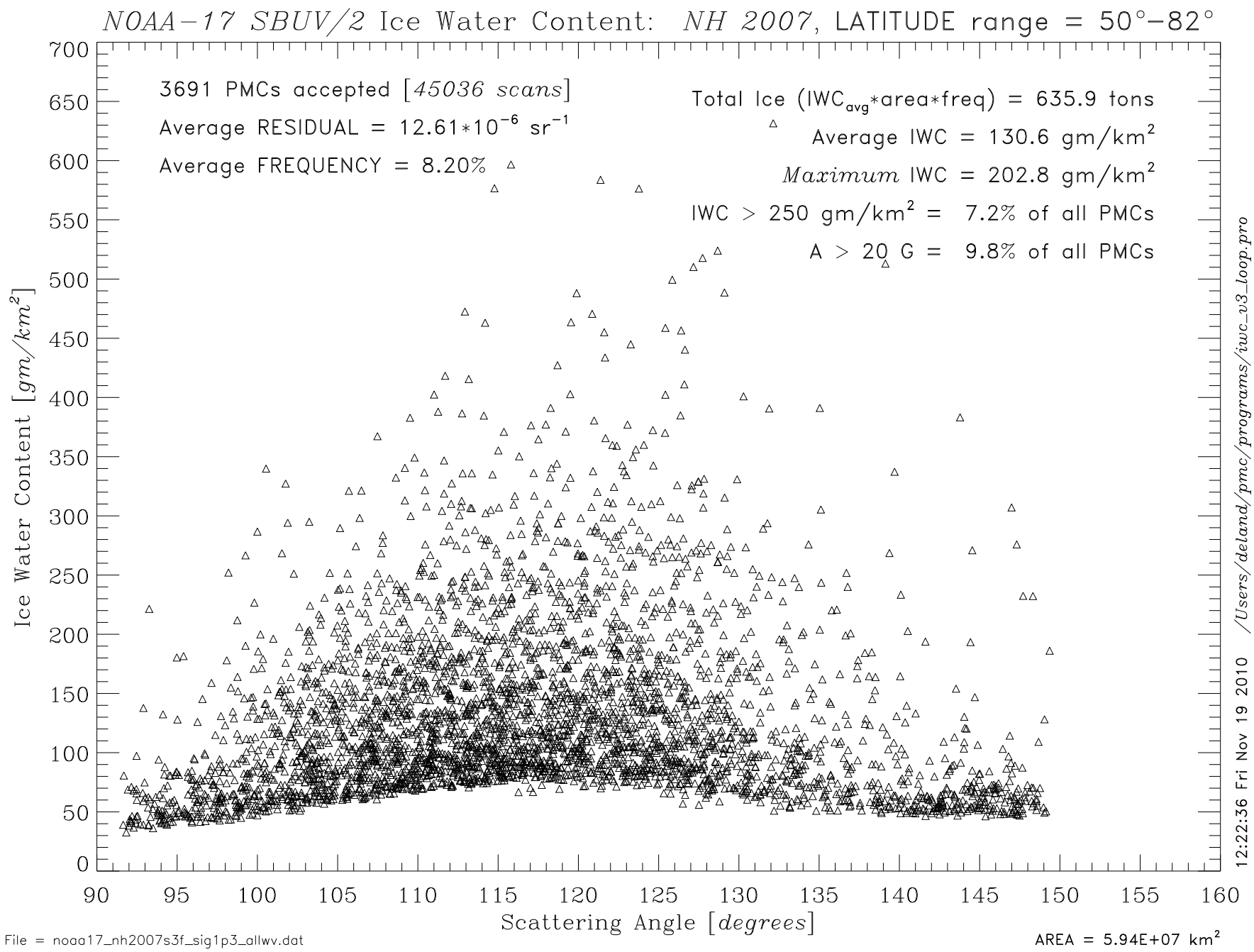
12:22:32 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2006s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2007, LATITUDE range = 50°−82°
3691 PMCs accepted [45036 scans]
Average RESIDUAL = 12.61*10^-6 sr^-1
Average FREQUENCY = 8.20%
Total Ice (IWC_avg*area*freq) = 635.9 tons
Average IWC = 130.6 gm/km^2
Maximum IWC = 202.8 gm/km^2
IWC > 250 gm/km^2 = 7.2% of all PMCs
A > 20 G = 9.8% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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50
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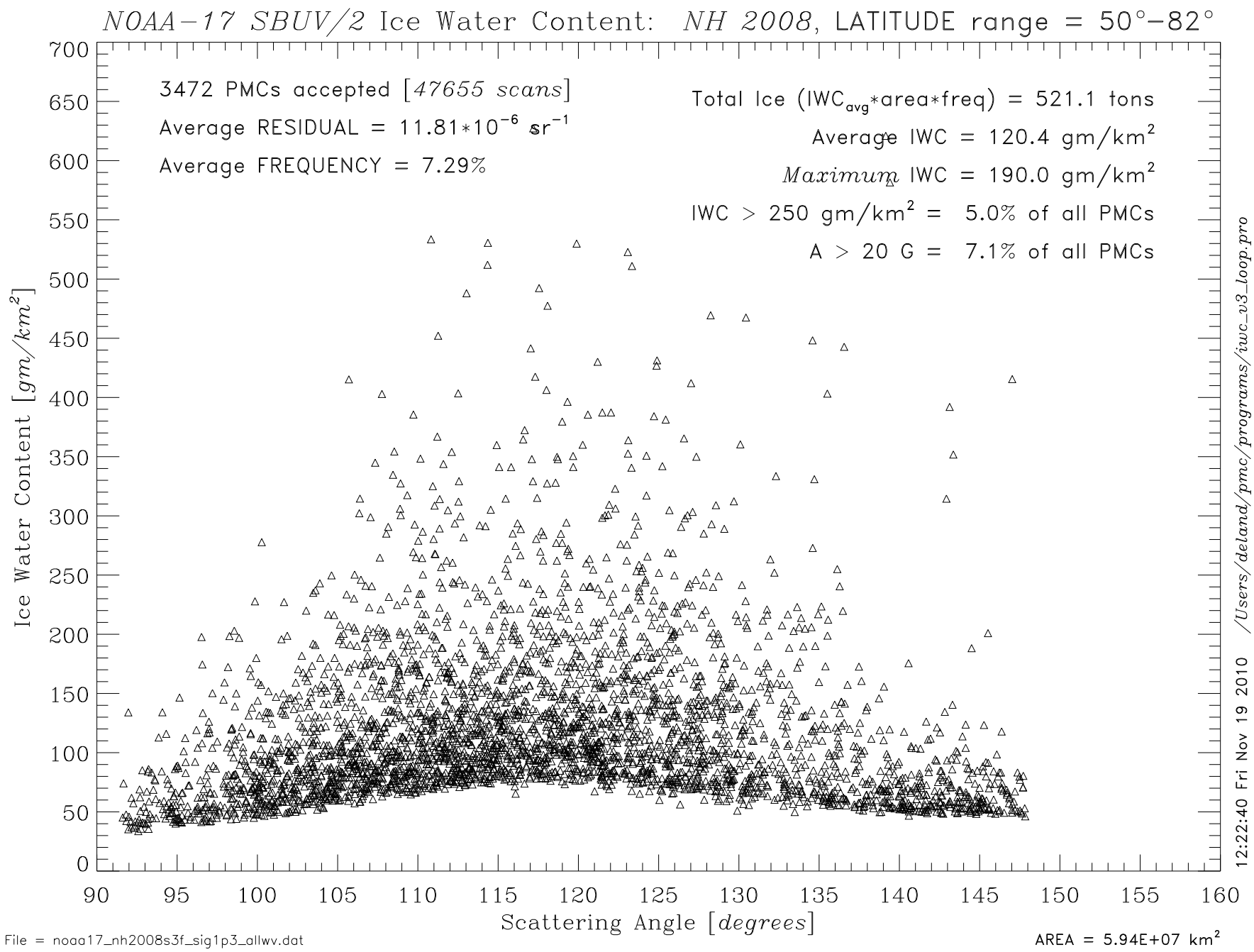
12:22:36 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2007s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2008, LATITUDE range = 50°−82°
3472 PMCs accepted [47655 scans]
Average RESIDUAL = 11.81*10^-6 sr^-1
Average FREQUENCY = 7.29%
Total Ice (IWC_avg*area*freq) = 521.1 tons
Average IWC = 120.4 gm/km^2
Maximum IWC = 190.0 gm/km^2
IWC > 250 gm/km^2 = 5.0% of all PMCs
A > 20 G = 7.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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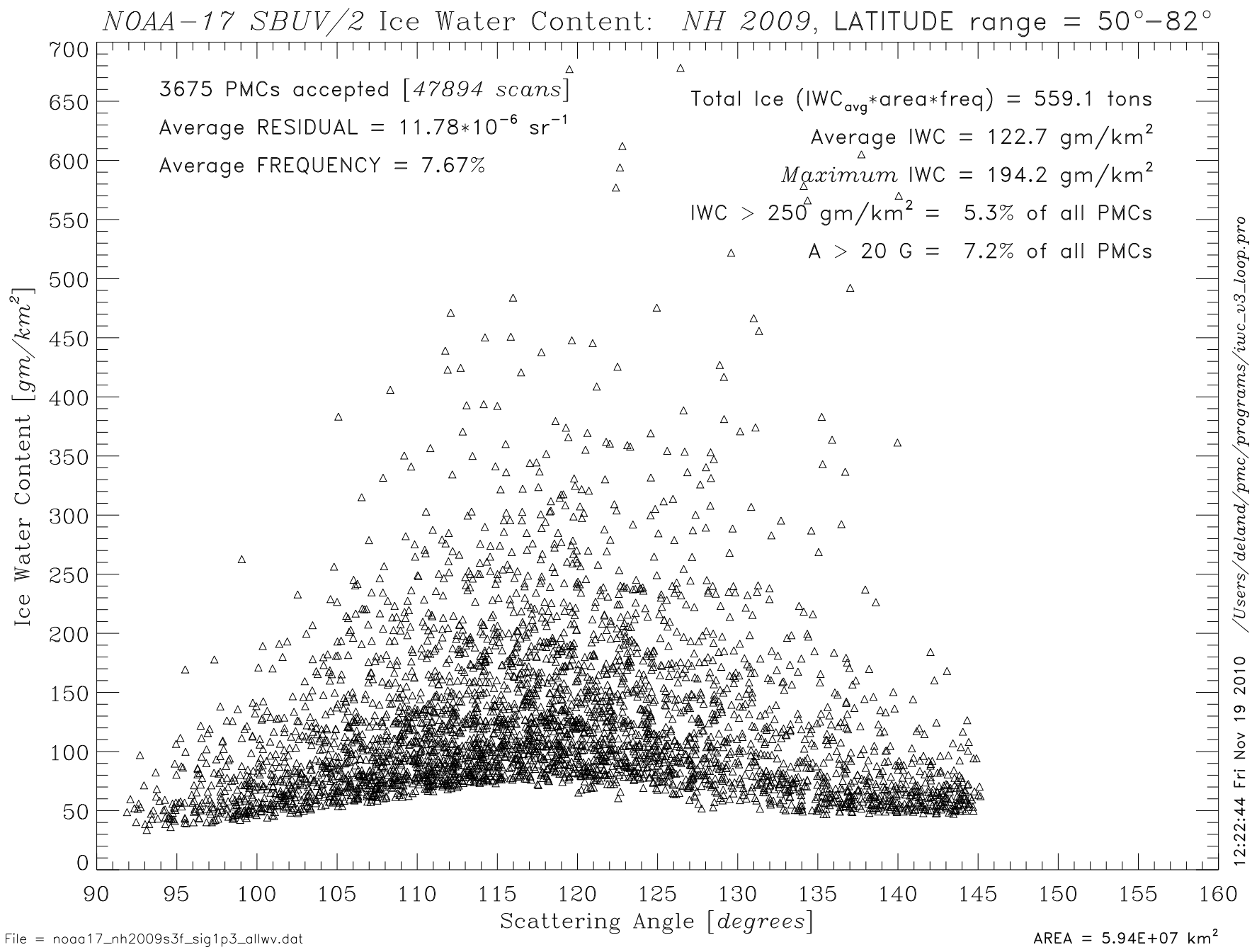
160
12:22:40 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2008s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2009, LATITUDE range = 50°−82°
3675 PMCs accepted [47894 scans]
Average RESIDUAL = 11.78*10^-6 sr^-1
Average FREQUENCY = 7.67%
Total Ice (IWC_avg*area*freq) = 559.1 tons
Average IWC = 122.7 gm/km^2
Maximum IWC = 194.2 gm/km^2
IWC > 250 gm/km^2 = 5.3% of all PMCs
A > 20 G = 7.2% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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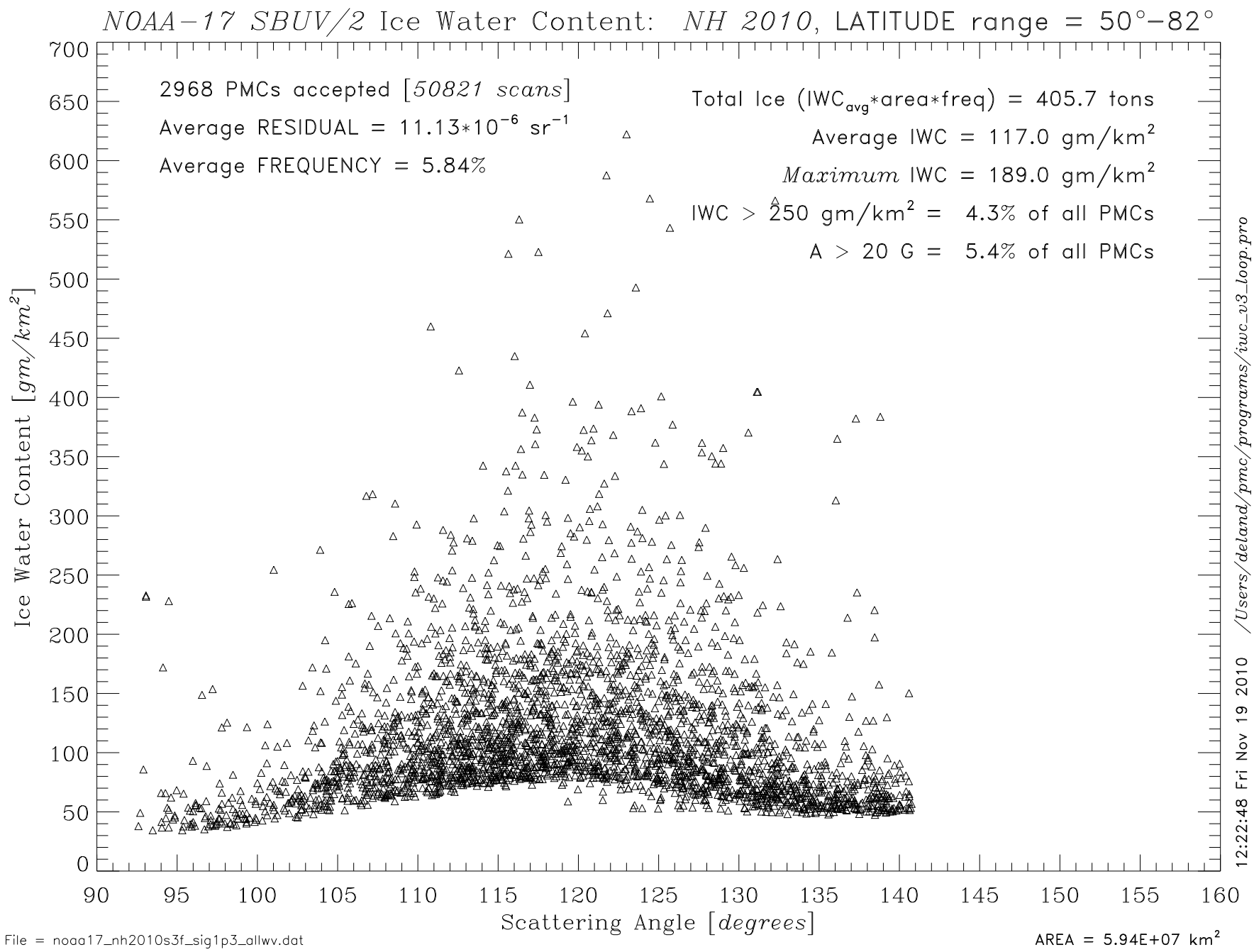
160
12:22:44 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2009s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2010, LATITUDE range = 50°−82°
2968 PMCs accepted [50821 scans]
Average RESIDUAL = 11.13*10^-6 sr^-1
Average FREQUENCY = 5.84%
Total Ice (IWC_avg*area*freq) = 405.7 tons
Average IWC = 117.0 gm/km^2
Maximum IWC = 189.0 gm/km^2
IWC > 250 gm/km^2 = 4.3% of all PMCs
A > 20 G = 5.4% 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
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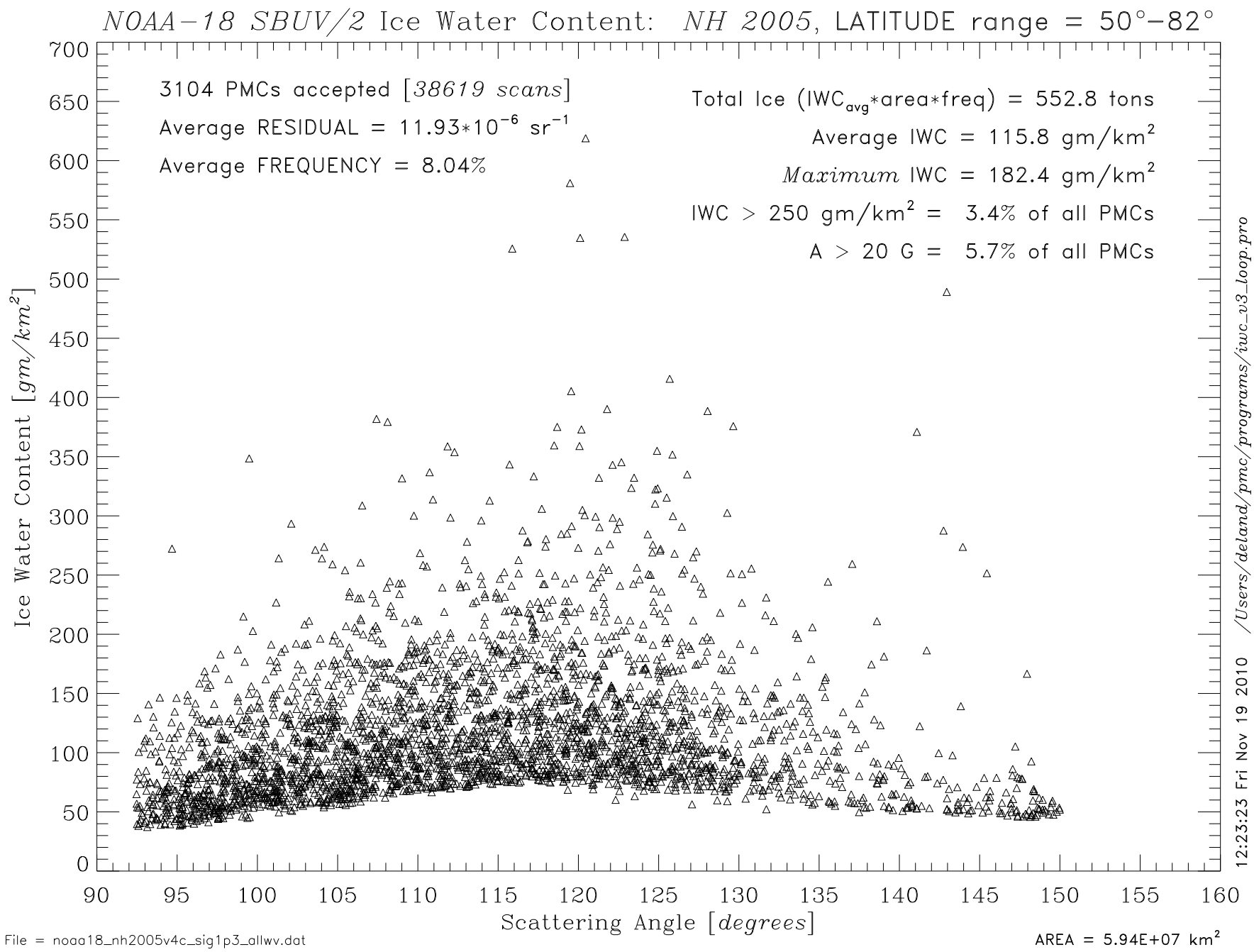
145
150
155
160
12:22:48 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2010s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: NH 2005, LATITUDE range = 50°−82°
3104 PMCs accepted [38619 scans]
Average RESIDUAL = 11.93*10^-6 sr^-1
Average FREQUENCY = 8.04%
Total Ice (IWC_avg*area*freq) = 552.8 tons
Average IWC = 115.8 gm/km^2
Maximum IWC = 182.4 gm/km^2
IWC > 250 gm/km^2 = 3.4% of all PMCs
A > 20 G = 5.7% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
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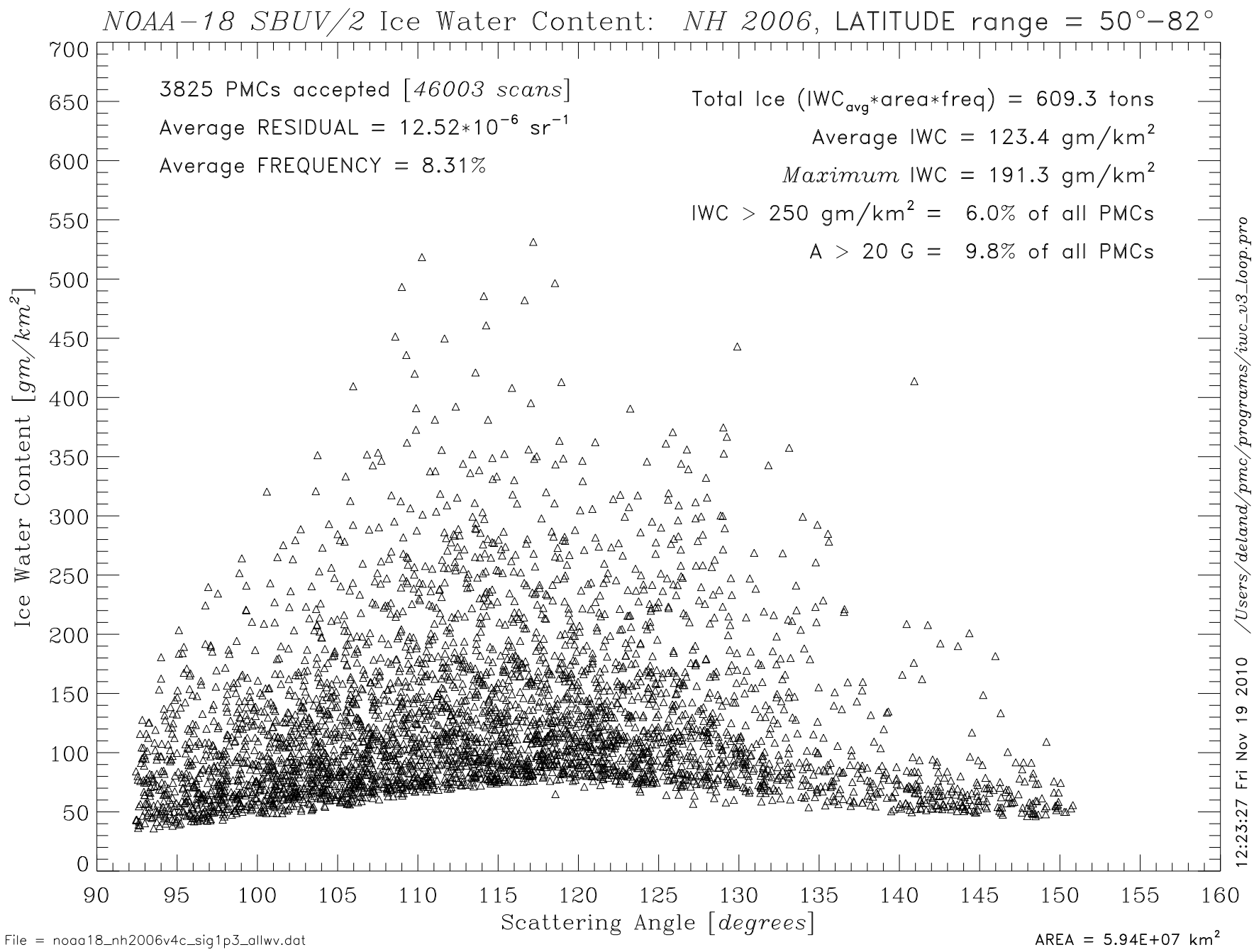
160
12:23:23 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_nh2005v4c_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: NH 2006, LATITUDE range = 50°−82°
3825 PMCs accepted [46003 scans]
Average RESIDUAL = 12.52*10^-6 sr^-1
Average FREQUENCY = 8.31%
Total Ice (IWC_avg*area*freq) = 609.3 tons
Average IWC = 123.4 gm/km^2
Maximum IWC = 191.3 gm/km^2
IWC > 250 gm/km^2 = 6.0% of all PMCs
A > 20 G = 9.8% 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
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100
105
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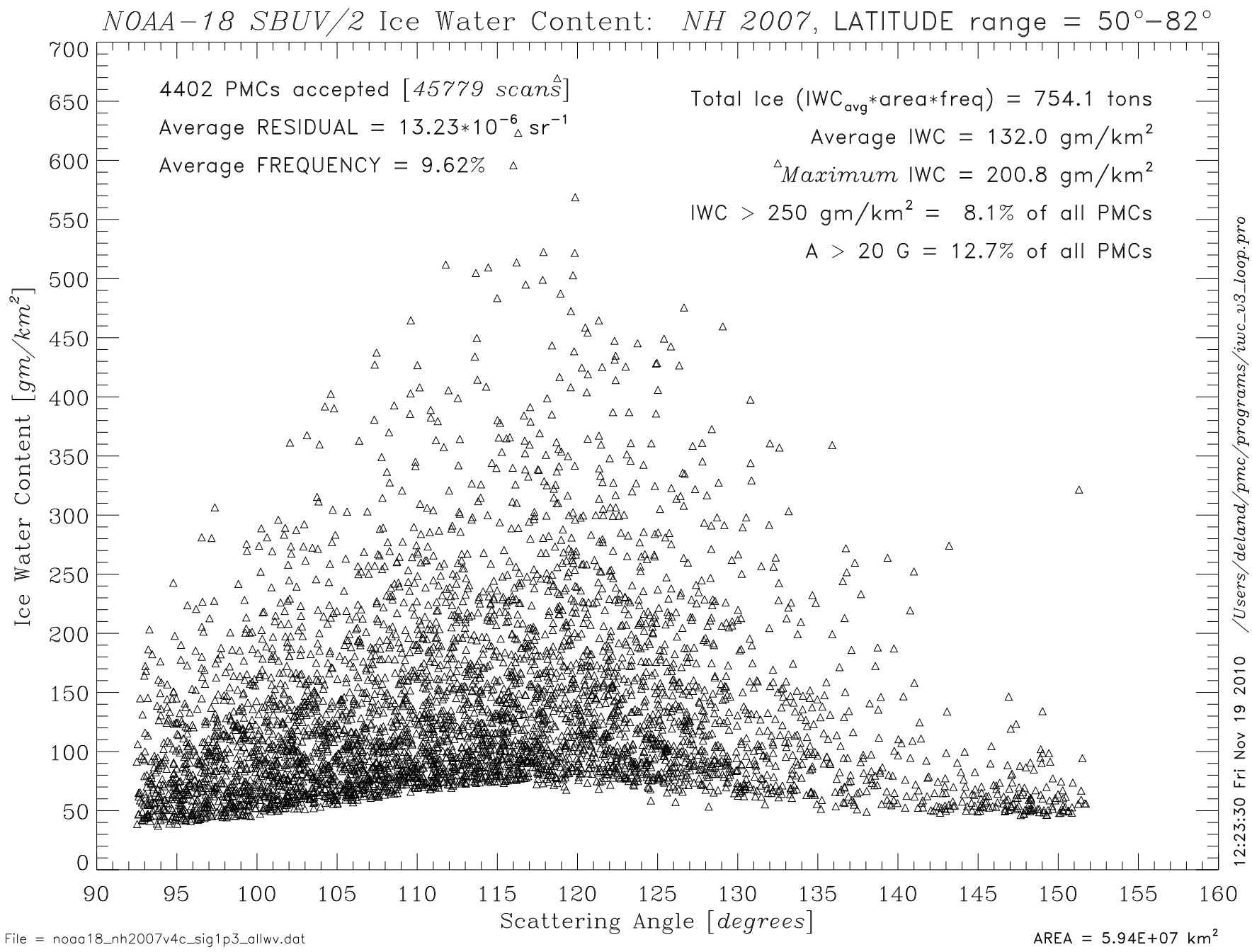
130
135
140
145
150
155
160
12:23:27 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_nh2006v4c_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: NH 2007, LATITUDE range = 50°−82°
4402 PMCs accepted [45779 scans]
Average RESIDUAL = 13.23*10^-6 sr^-1
Average FREQUENCY = 9.62%
Total Ice (IWC_avg*area*freq) = 754.1 tons
Average IWC = 132.0 gm/km^2
Maximum IWC = 200.8 gm/km^2
IWC > 250 gm/km^2 = 8.1% of all PMCs
A > 20 G = 12.7% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
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95
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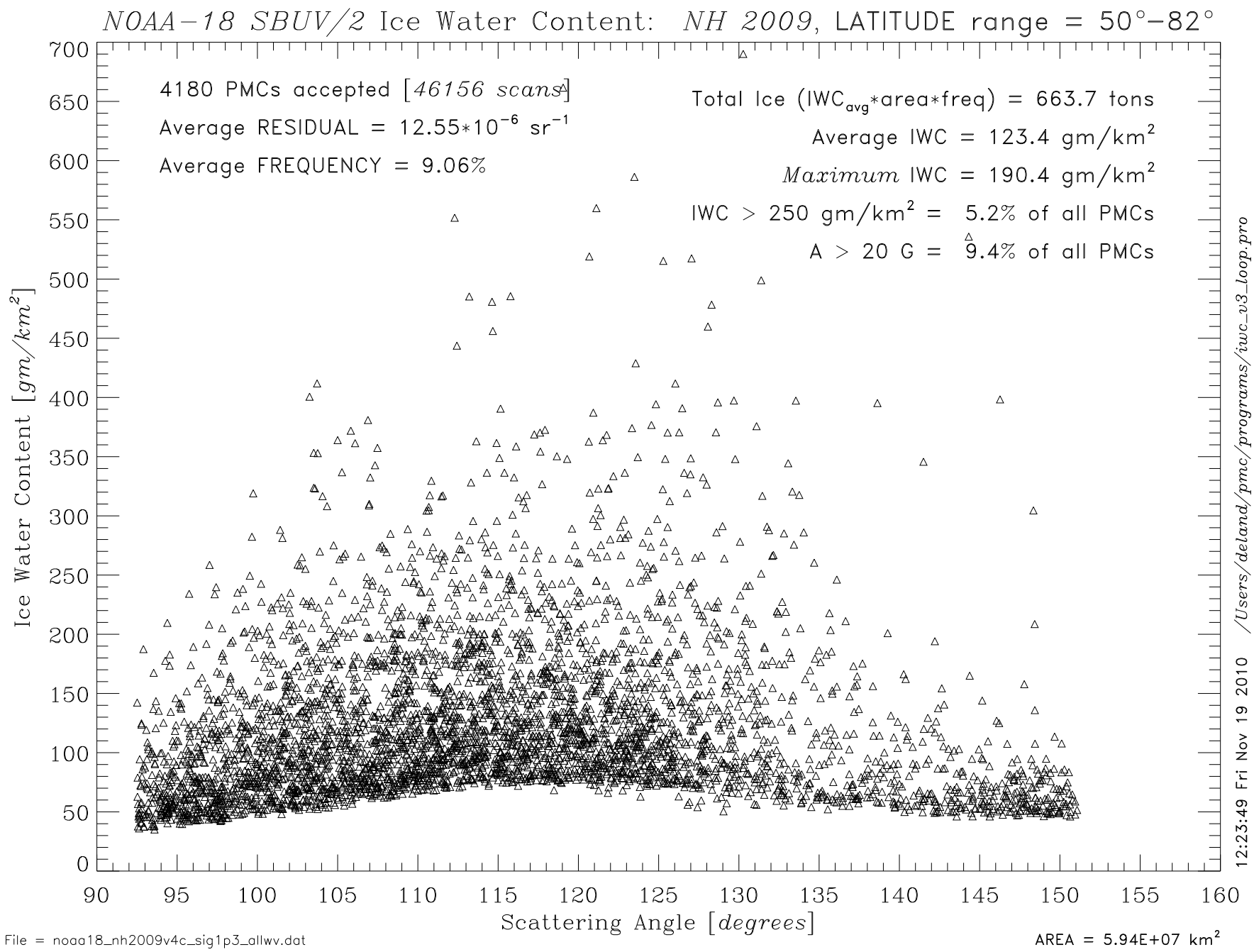
160
12:23:30 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_nh2007v4c_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: NH 2009, LATITUDE range = 50°−82°
4180 PMCs accepted [46156 scans]
Average RESIDUAL = 12.55*10^-6 sr^-1
Average FREQUENCY = 9.06%
Total Ice (IWC_avg*area*freq) = 663.7 tons
Average IWC = 123.4 gm/km^2
Maximum IWC = 190.4 gm/km^2
IWC > 250 gm/km^2 = 5.2% of all PMCs
A > 20 G = 9.4% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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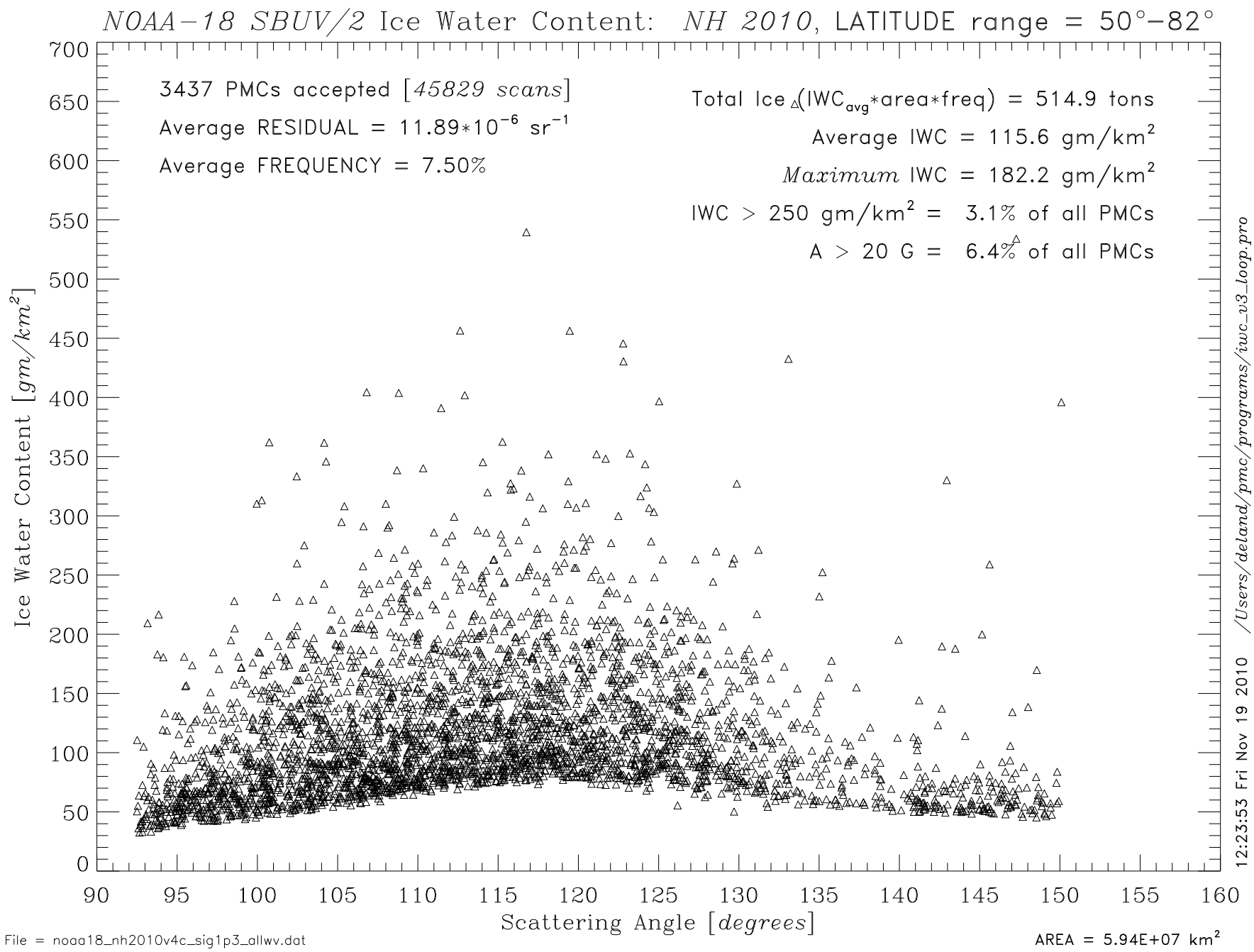
12:23:49 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_nh2009v4c_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: NH 2010, LATITUDE range = 50°−82°
3437 PMCs accepted [45829 scans]
Average RESIDUAL = 11.89*10^-6 sr^-1
Average FREQUENCY = 7.50%
Total Ice (IWCavg*area*freq) = 514.9 tons
Average IWC = 115.6 gm/km^2
Maximum IWC = 182.2 gm/km^2
IWC > 250 gm/km^2 = 3.1% of all PMCs
A > 20 G = 6.4% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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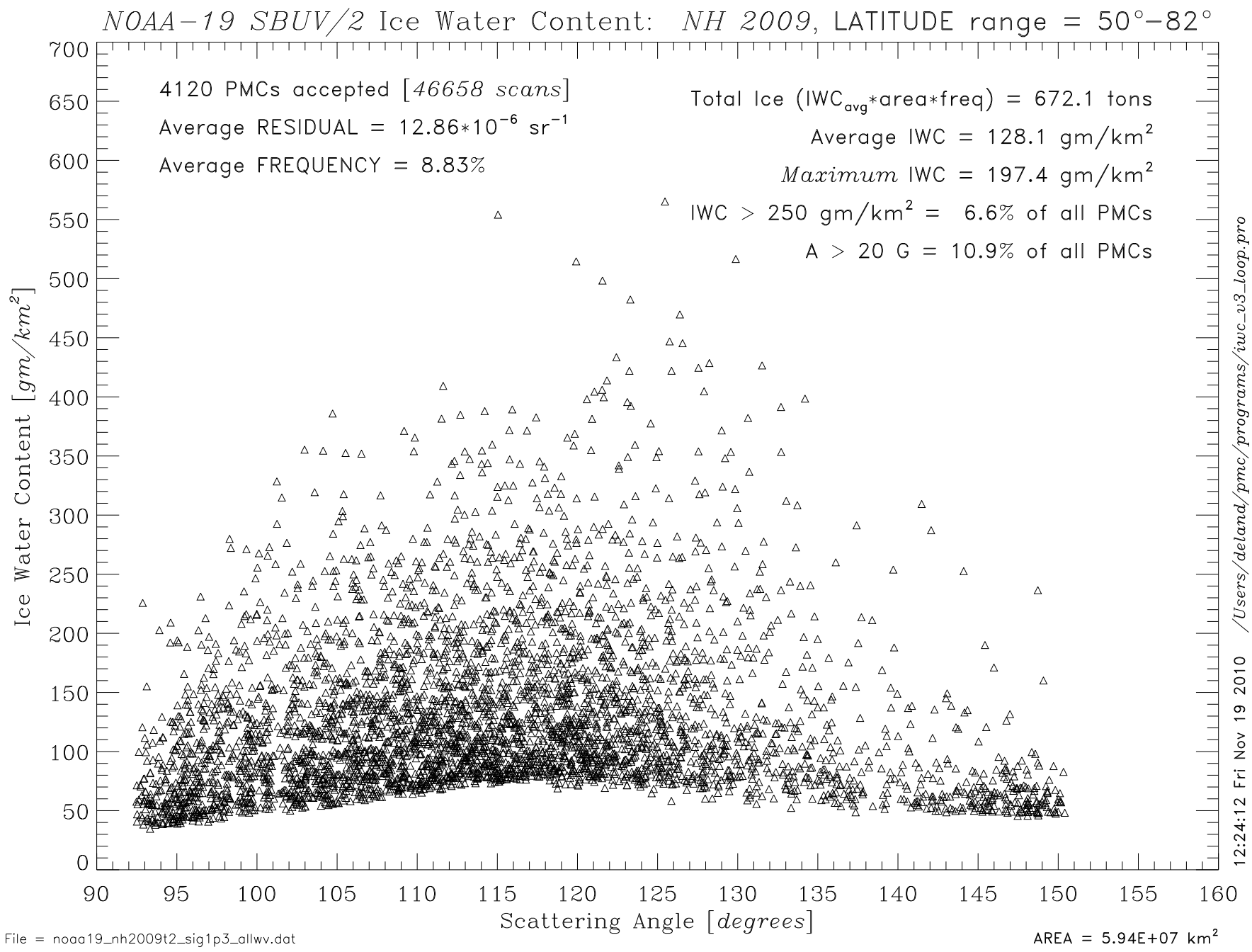
160
12:23:53 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_nh2010v4c_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−19 SBUV/2 Ice Water Content: NH 2009, LATITUDE range = 50°−82°
4120 PMCs accepted [46658 scans]
Average RESIDUAL = 12.86*10^-6 sr^-1
Average FREQUENCY = 8.83%
Total Ice (IWC_avg*area*freq) = 672.1 tons
Average IWC = 128.1 gm/km^2
Maximum IWC = 197.4 gm/km^2
IWC > 250 gm/km^2 = 6.6% of all PMCs
A > 20 G = 10.9% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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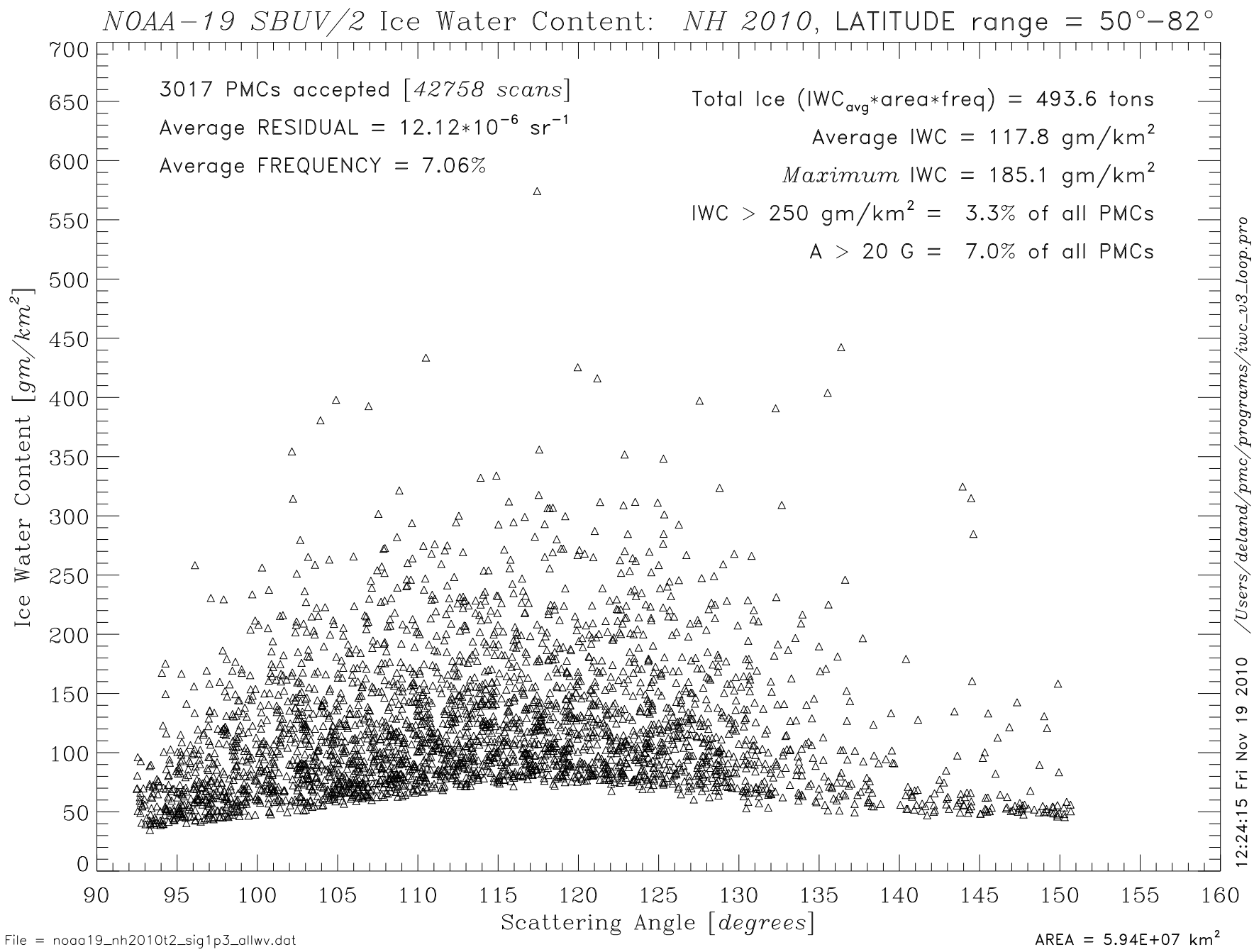
12:24:12 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa19_nh2009t2_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−19 SBUV/2 Ice Water Content: NH 2010, LATITUDE range = 50°−82°
3017 PMCs accepted [42758 scans]
Average RESIDUAL = 12.12*10^-6 sr^-1
Average FREQUENCY = 7.06%
Total Ice (IWC_avg*area*freq) = 493.6 tons
Average IWC = 117.8 gm/km^2
Maximum IWC = 185.1 gm/km^2
IWC > 250 gm/km^2 = 3.3% of all PMCs
A > 20 G = 7.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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12:24:15 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa19_nh2010t2_sig1p3_allwv.dat
AREA = 5.94E+07 km^2