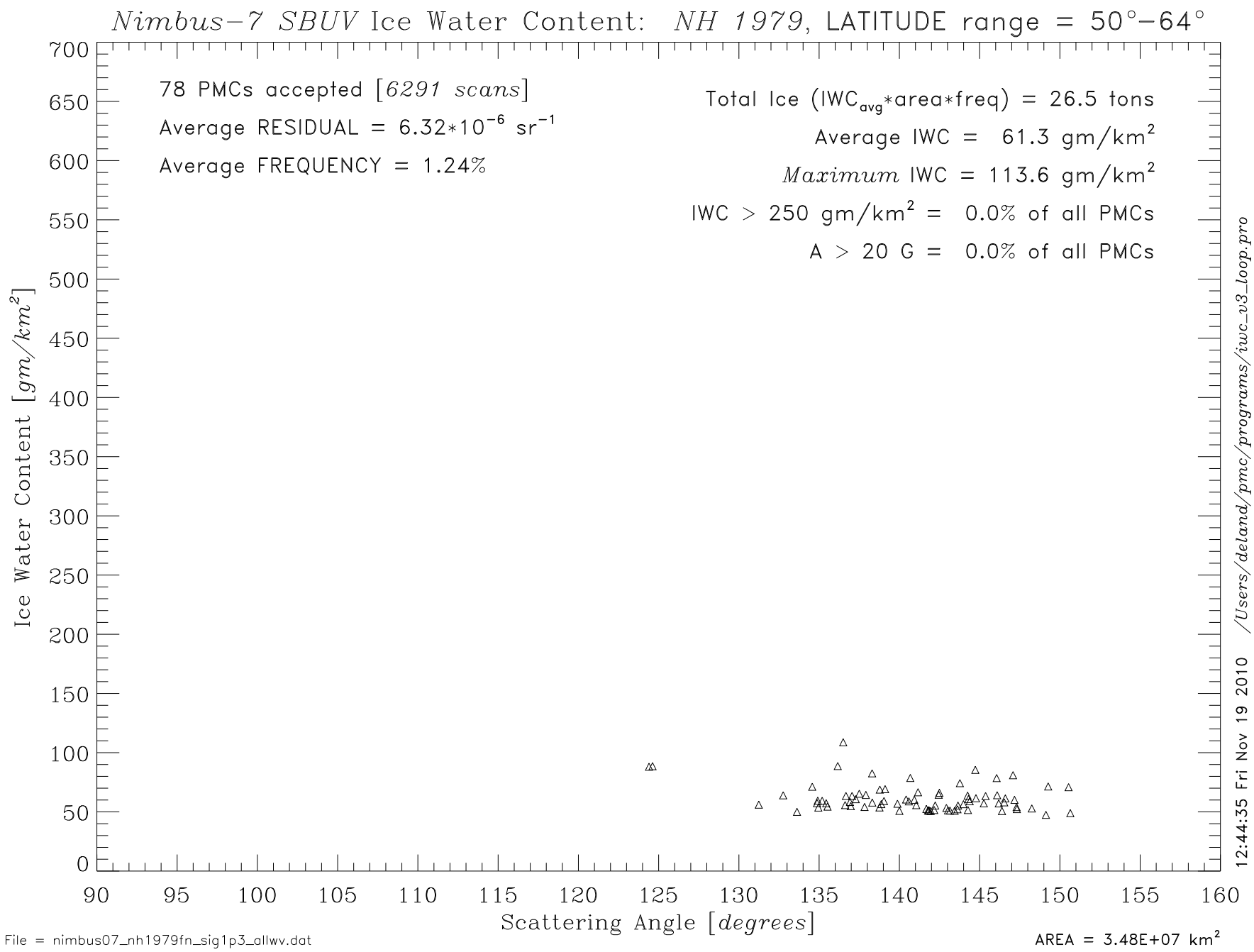
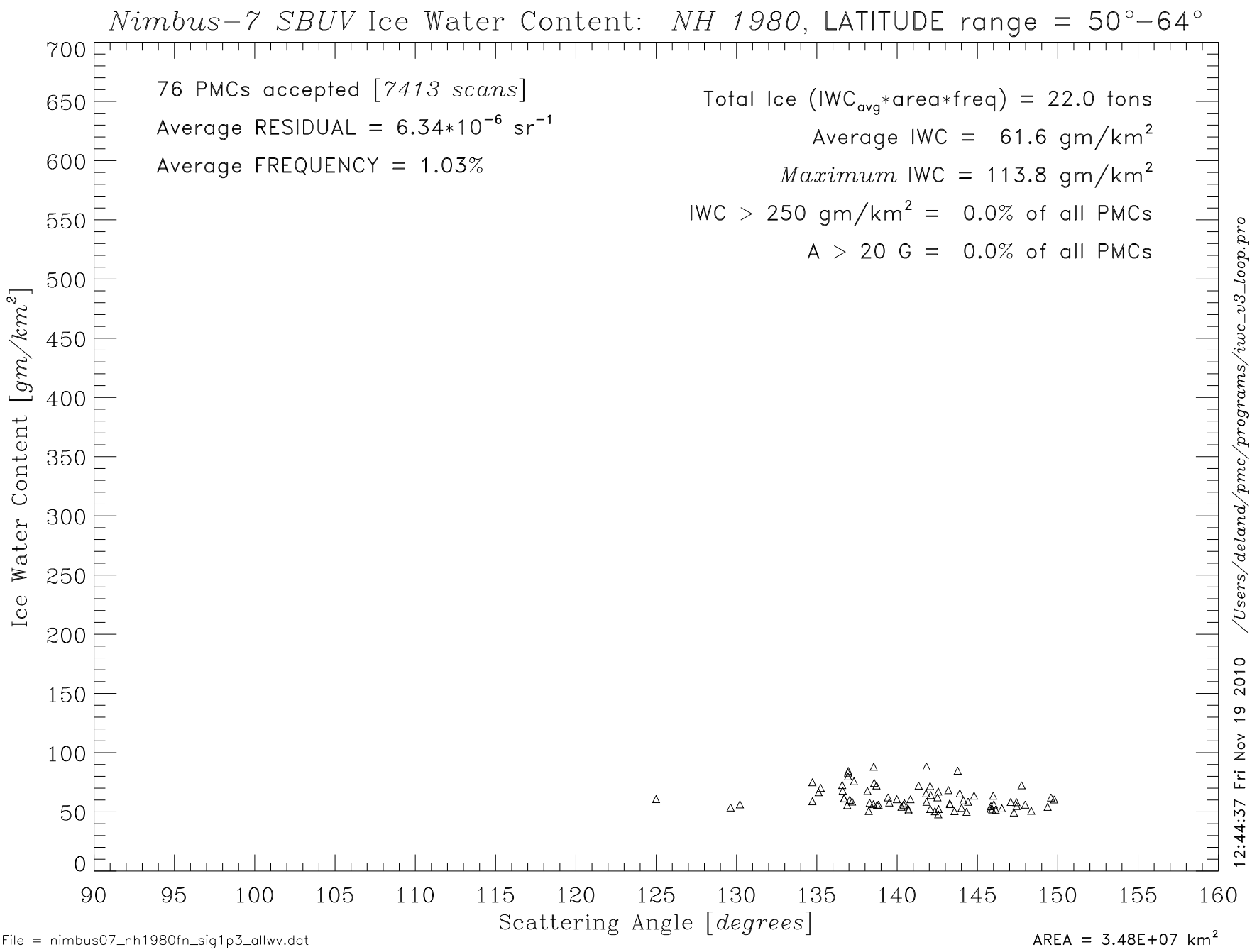
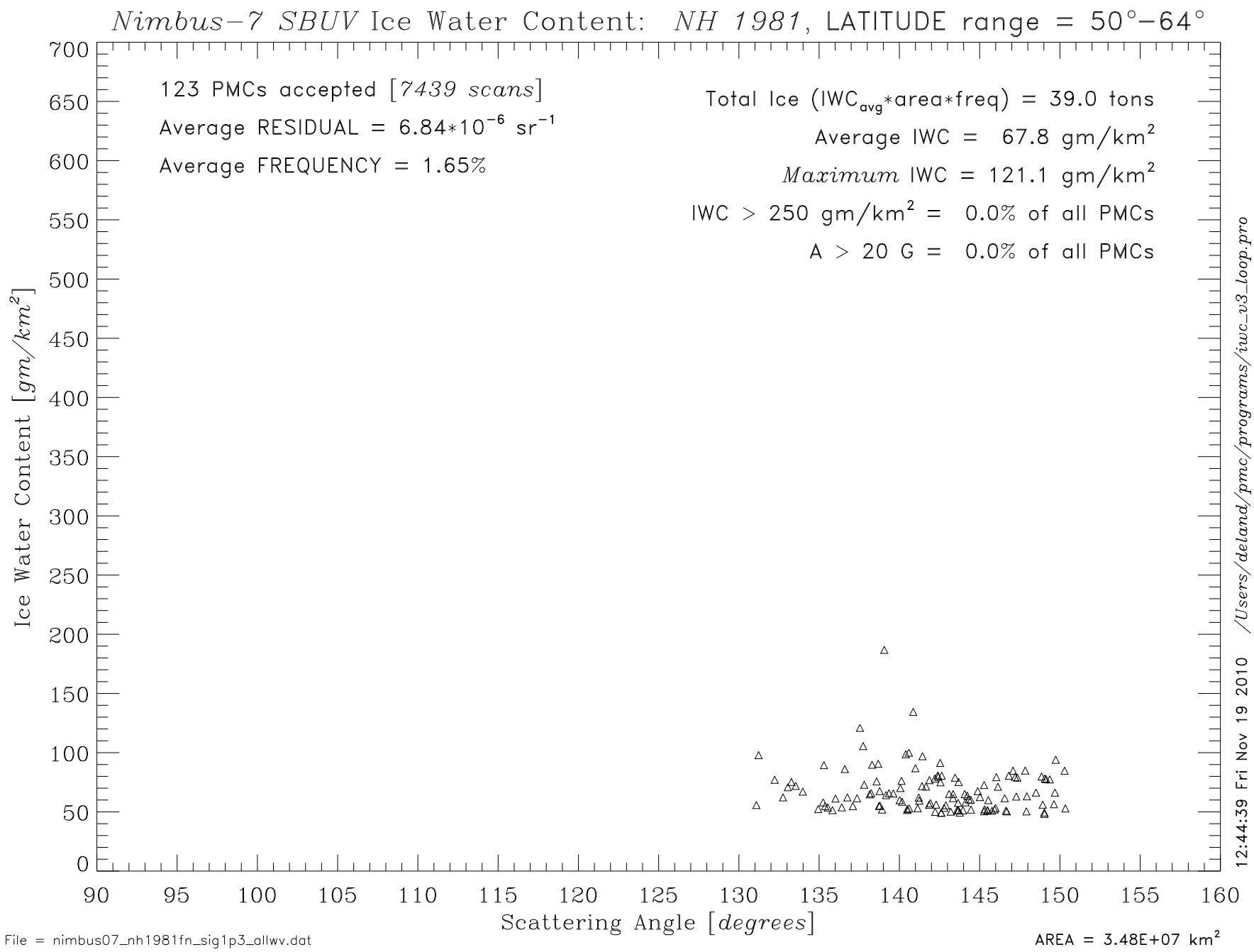
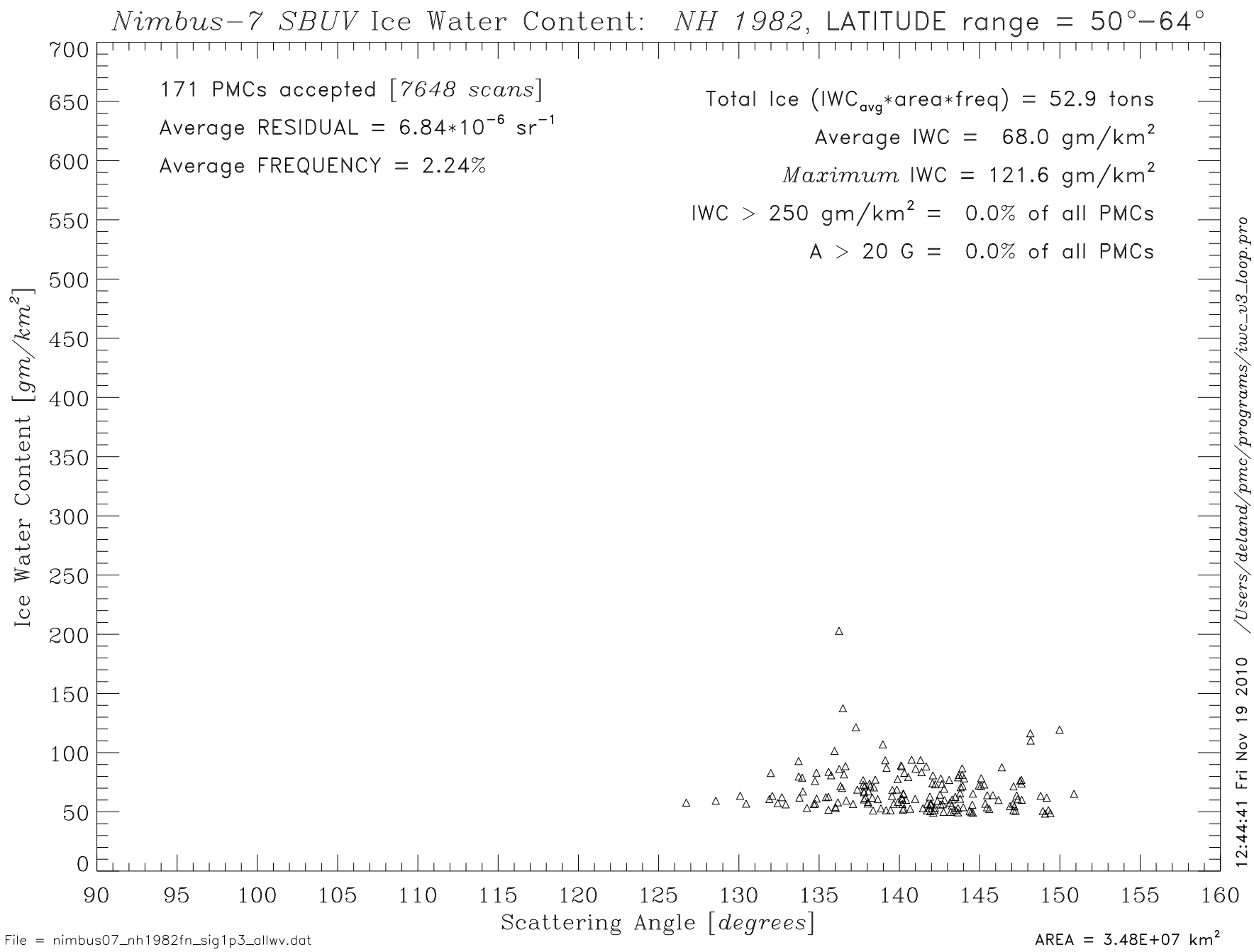
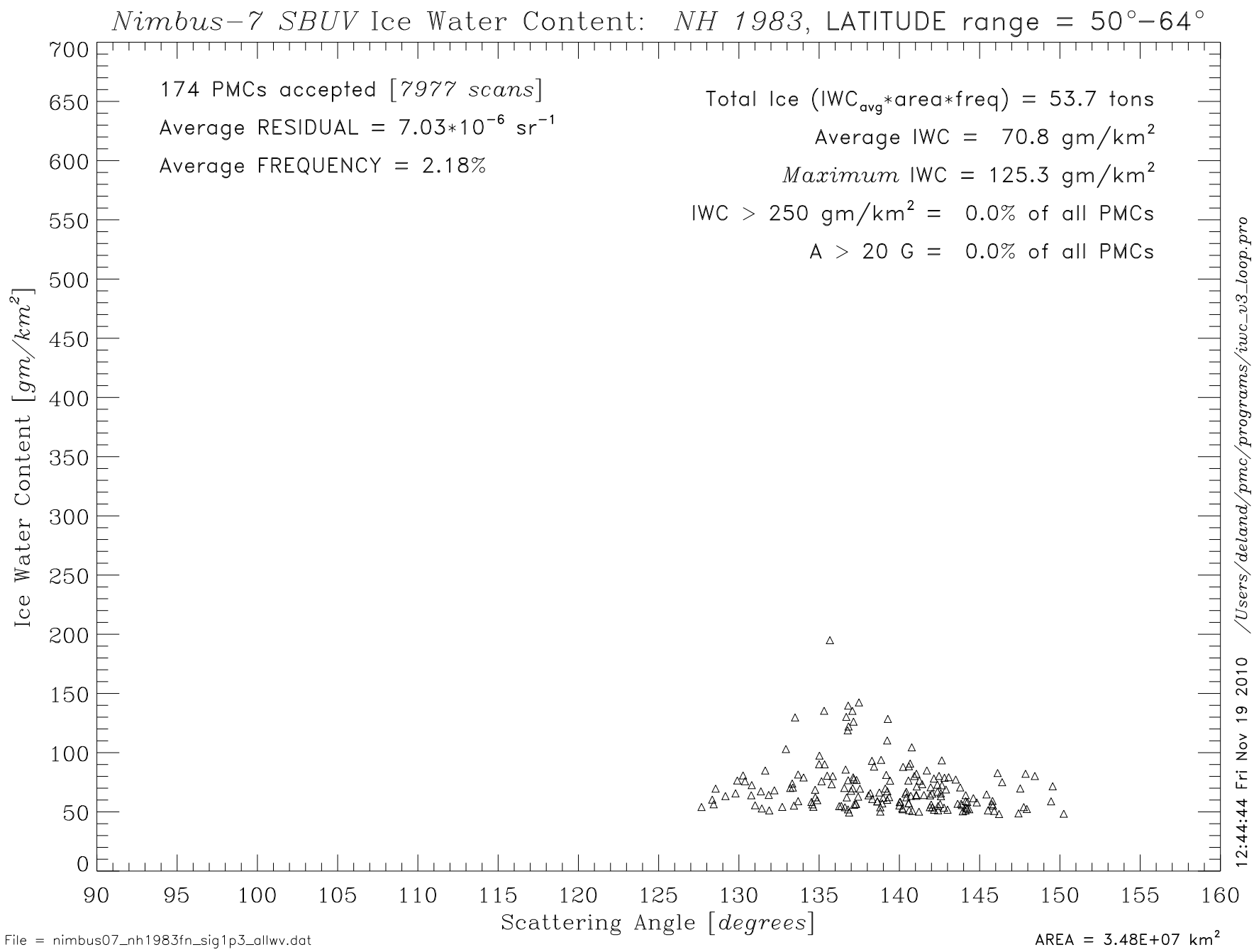
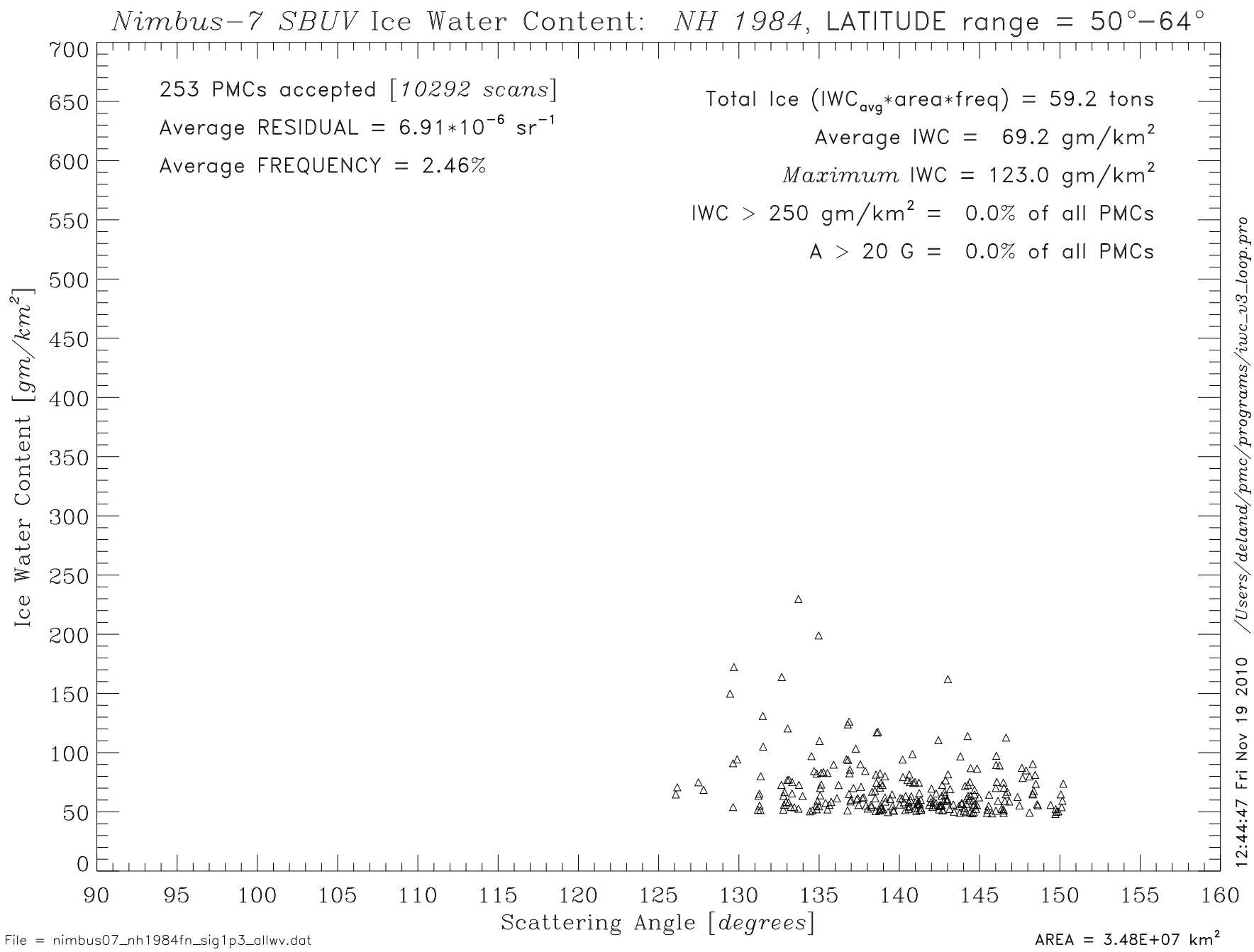

Nimbus−7 SBUV Ice Water Content: NH 1979, LATITUDE range = 50°−64°
78 PMCs accepted [6291 scans]
Average RESIDUAL = 6.32*10^-6 sr^-1
Average FREQUENCY = 1.24%
Total Ice (IWC_avg*area*freq) = 26.5 tons
Average IWC = 61.3 gm/km^2
Maximum IWC = 113.6 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 20 G = 0.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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
12:44:35 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1979fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2

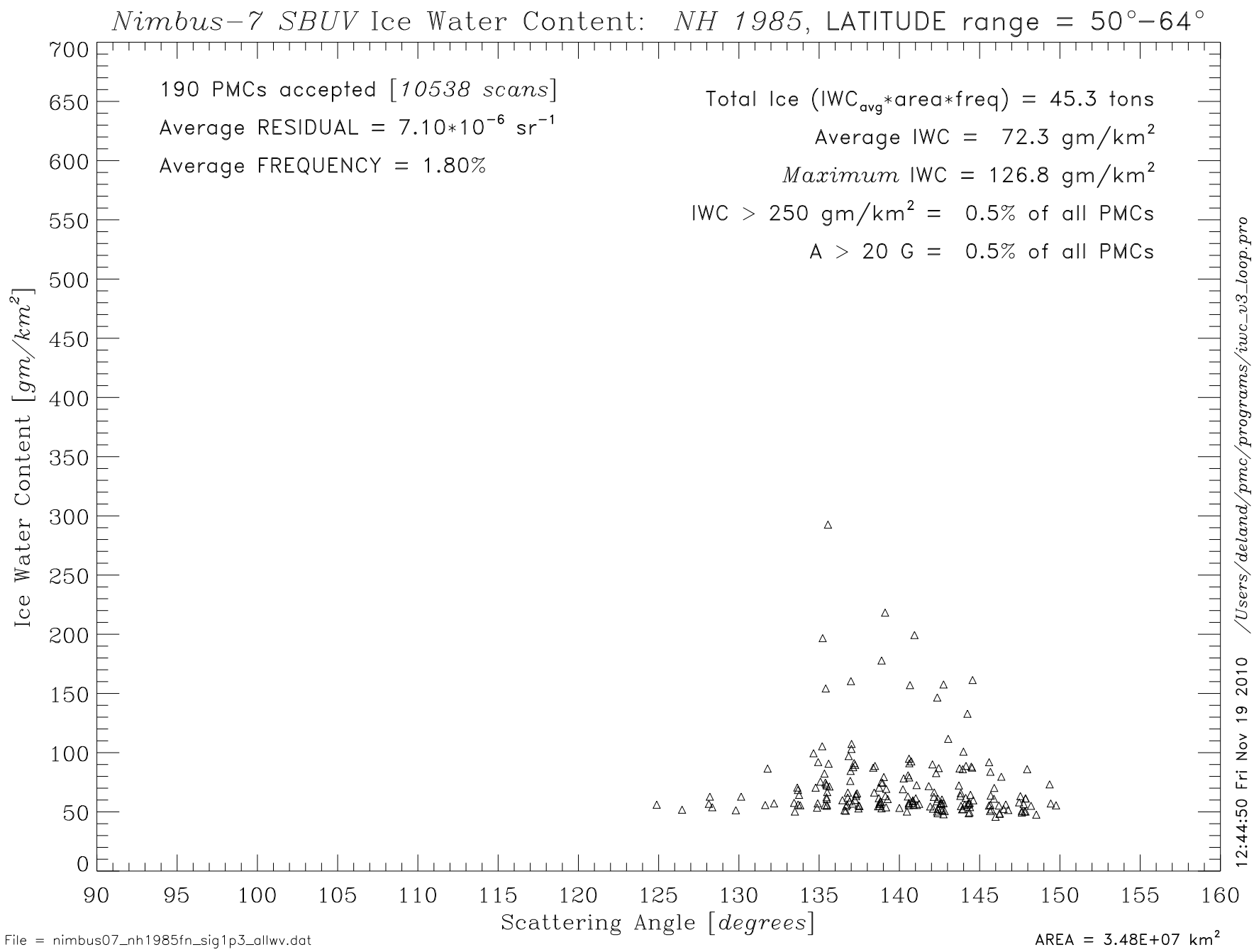

Nimbus−7 SBUV Ice Water Content: NH 1980, LATITUDE range = 50°−64°
76 PMCs accepted [7413 scans]
Average RESIDUAL = 6.34*10^-6 sr^-1
Average FREQUENCY = 1.03%
Total Ice (IWC_avg*area*freq) = 22.0 tons
Average IWC = 61.6 gm/km^2
Maximum IWC = 113.8 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 20 G = 0.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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
12:44:37 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1980fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2

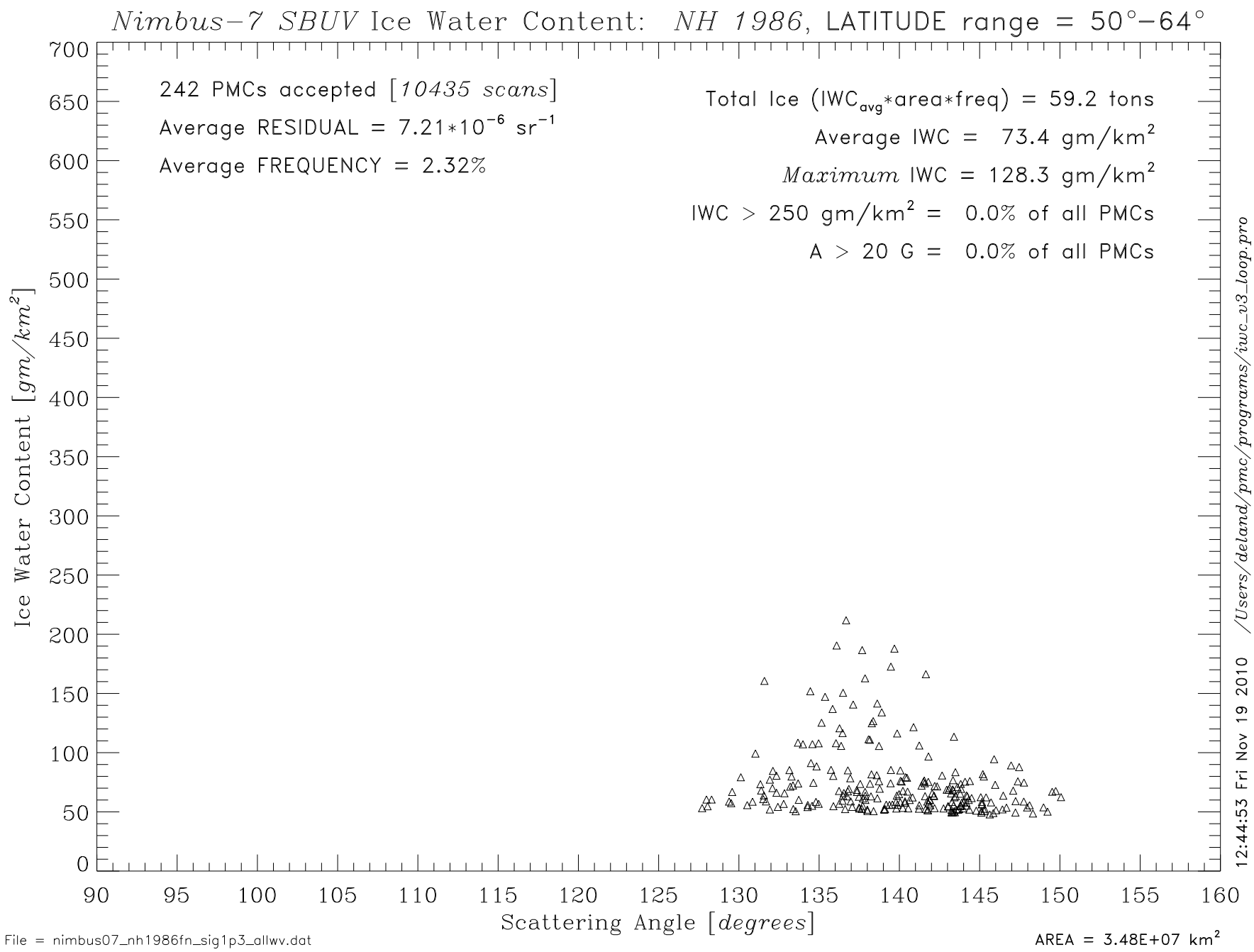

Nimbus−7 SBUV Ice Water Content: NH 1981, LATITUDE range = 50°−64°
123 PMCs accepted [7439 scans]
Average RESIDUAL = 6.84*10^-6 sr^-1
Average FREQUENCY = 1.65%
Total Ice (IWC_avg*area*freq) = 39.0 tons
Average IWC = 67.8 gm/km^2
Maximum IWC = 121.1 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 20 G = 0.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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
12:44:39 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1981fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2

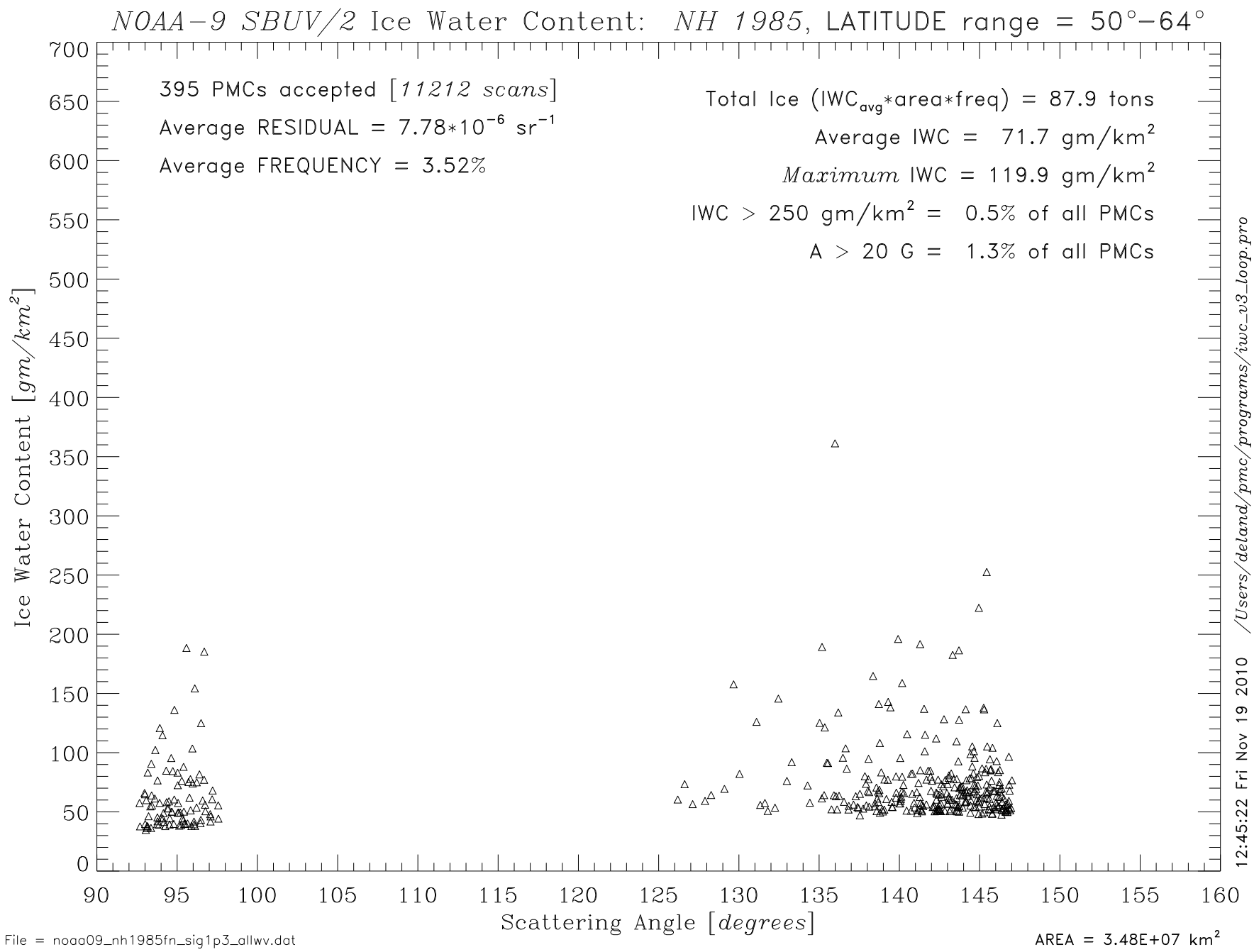

Nimbus−7 SBUV Ice Water Content: NH 1982, LATITUDE range = 50°−64°
171 PMCs accepted [7648 scans]
Average RESIDUAL = 6.84*10^-6 sr^-1
Average FREQUENCY = 2.24%
Total Ice (IWC_avg*area*freq) = 52.9 tons
Average IWC = 68.0 gm/km^2
Maximum IWC = 121.6 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 20 G = 0.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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
12:44:41 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1982fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2

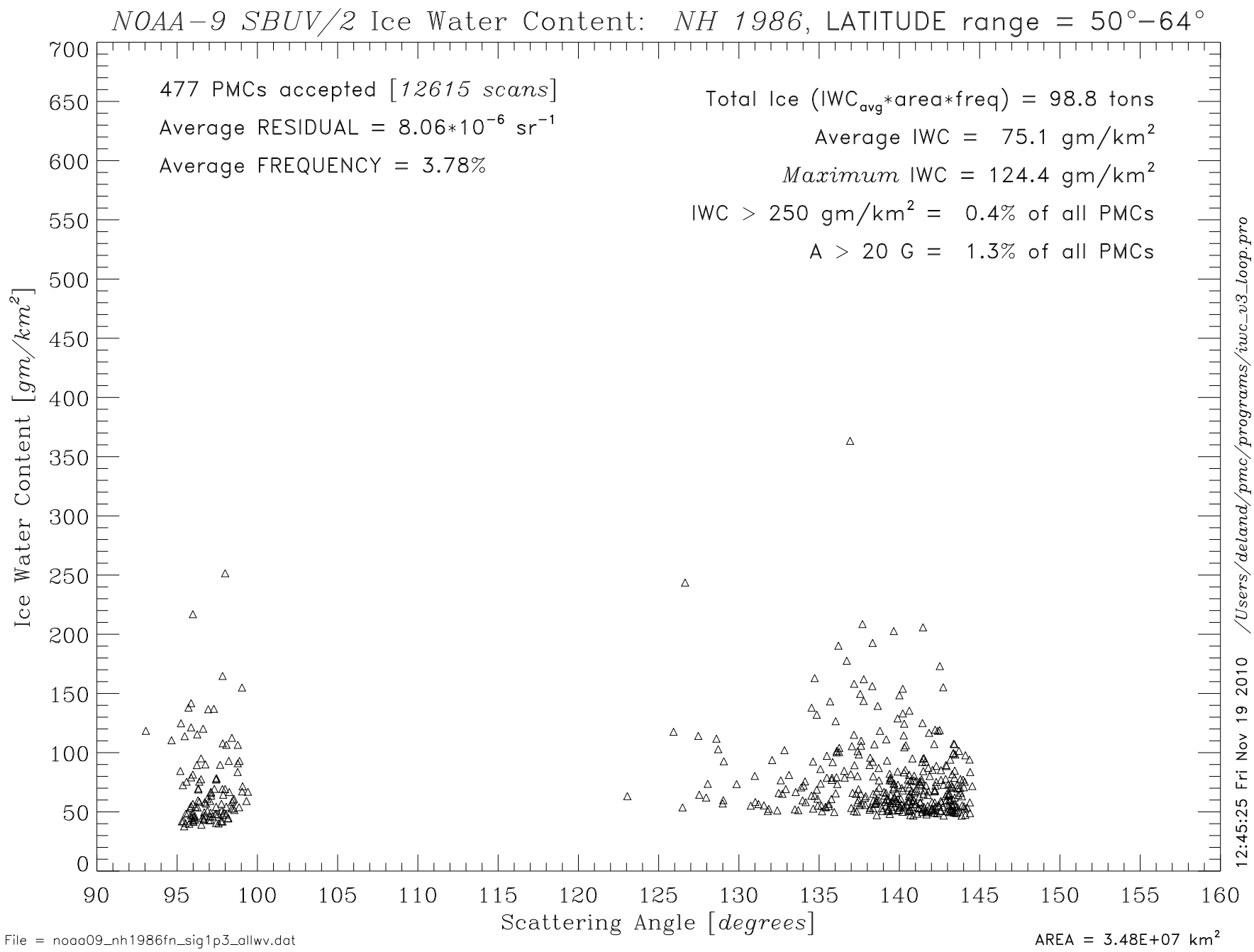

Nimbus−7 SBUV Ice Water Content: NH 1983, LATITUDE range = 50°−64°
174 PMCs accepted [7977 scans]
Average RESIDUAL = 7.03*10^-6 sr^-1
Average FREQUENCY = 2.18%
Total Ice (IWC_avg*area*freq) = 53.7 tons
Average IWC = 70.8 gm/km^2
Maximum IWC = 125.3 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 20 G = 0.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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
12:44:44 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_nh1983fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2

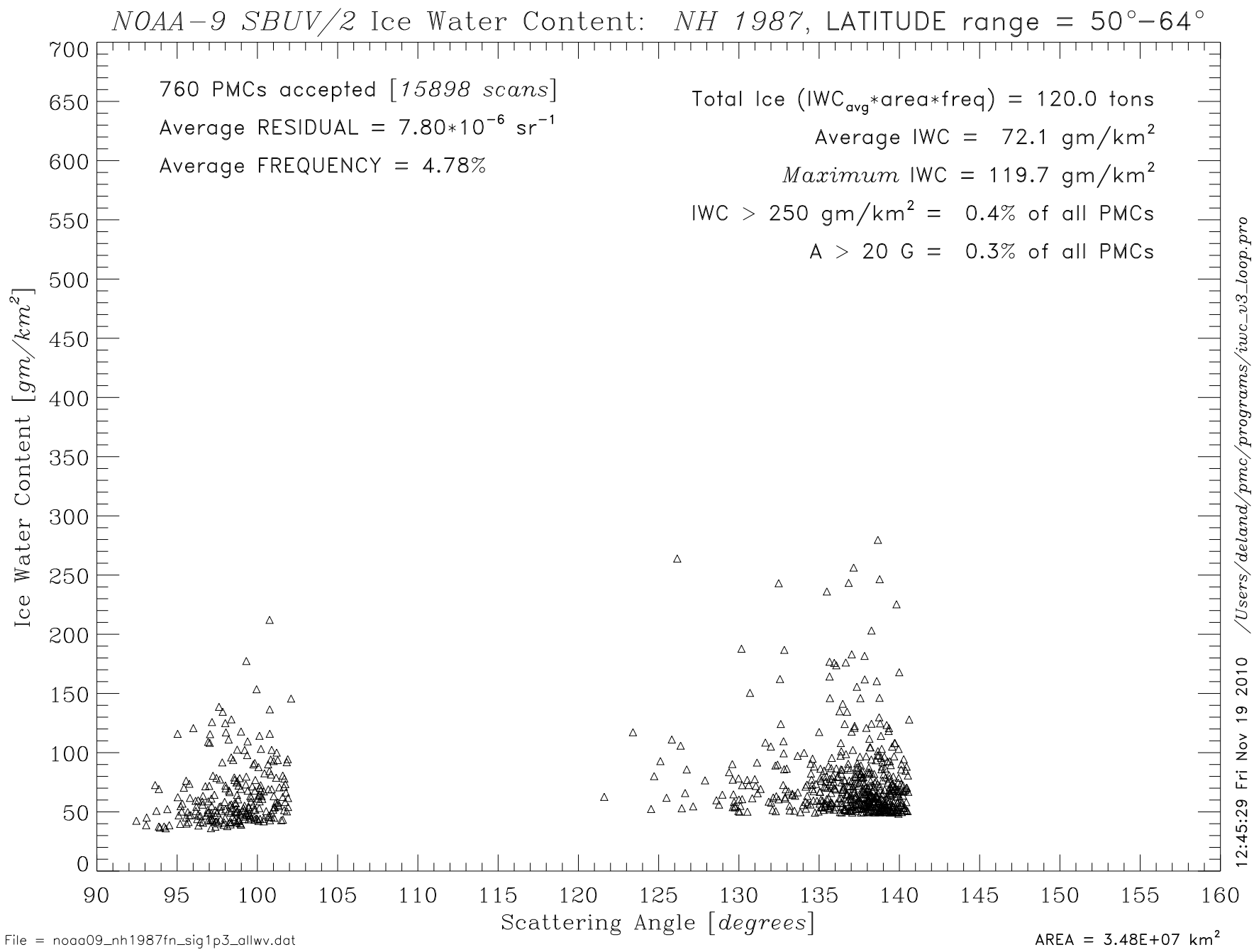

Nimbus−7 SBUV Ice Water Content: NH 1984, LATITUDE range = 50°−64°
253 PMCs accepted [10292 scans]
Average RESIDUAL = 6.91*10^-6 sr^-1
Average FREQUENCY = 2.46%
Total Ice (IWC_avg*area*freq) = 59.2 tons
Average IWC = 69.2 gm/km^2
Maximum IWC = 123.0 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 20 G = 0.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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
12:44:47 Fri Nov 19 2010
File = nimbus07_nh1984fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2

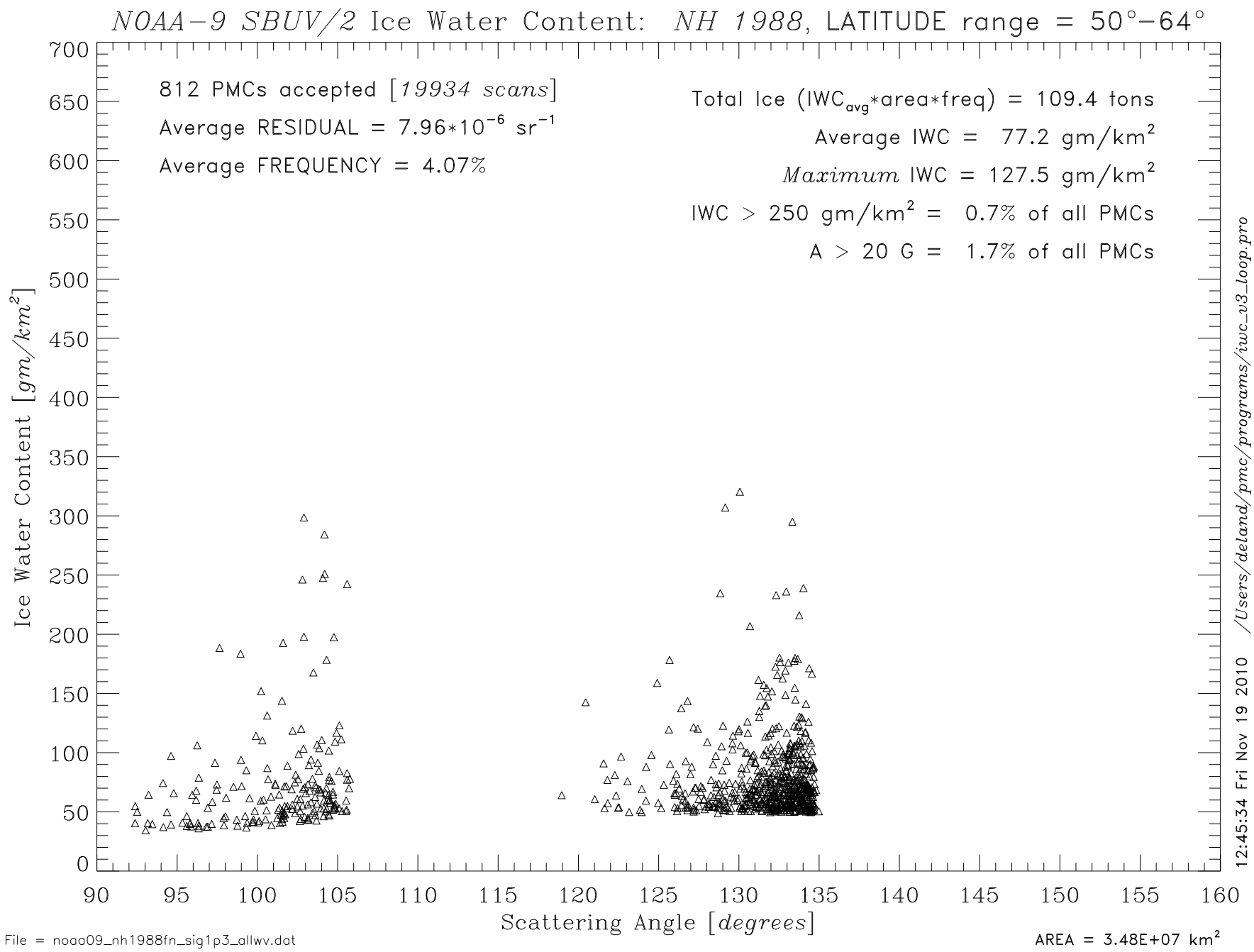

Nimbus−7 SBUV Ice Water Content: NH 1985, LATITUDE range = 50°−64°
190 PMCs accepted [10538 scans]
Average RESIDUAL = 7.10*10^-6 sr^-1
Average FREQUENCY = 1.80%
Total Ice (IWC_avg*area*freq) = 45.3 tons
Average IWC = 72.3 gm/km^2
Maximum IWC = 126.8 gm/km^2
IWC > 250 gm/km^2 = 0.5% of all PMCs
A > 20 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
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:44:50 Fri Nov 19 2010
File = nimbus07_nh1985fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2

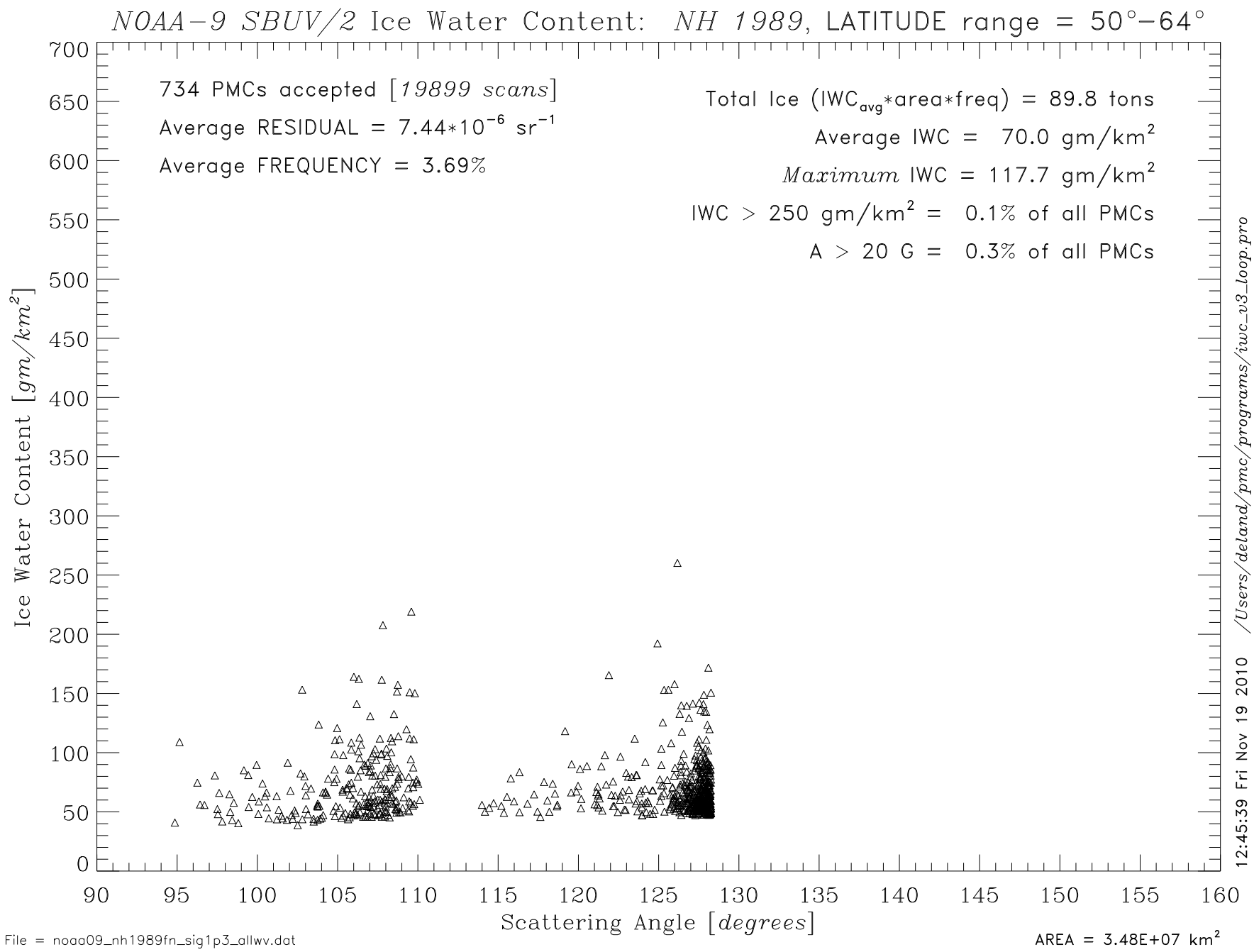

Nimbus−7 SBUV Ice Water Content: NH 1986, LATITUDE range = 50°−64°
242 PMCs accepted [10435 scans]
Average RESIDUAL = 7.21*10^-6 sr^-1
Average FREQUENCY = 2.32%
Total Ice (IWC_avg*area*freq) = 59.2 tons
Average IWC = 73.4 gm/km^2
Maximum IWC = 128.3 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 20 G = 0.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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
12:44:53 Fri Nov 19 2010
File = nimbus07_nh1986fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2

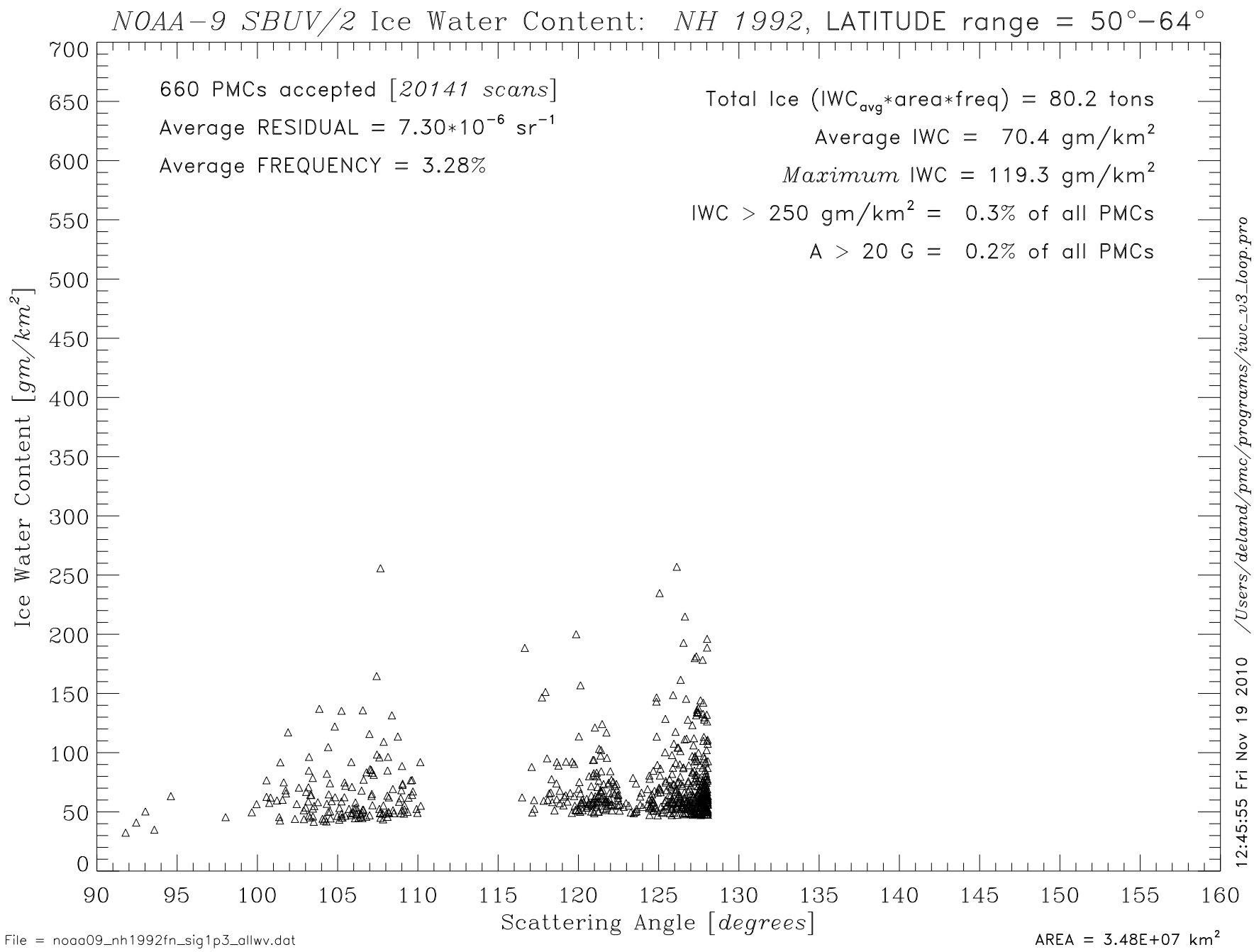

NOAA−9 SBUV/2 Ice Water Content: NH 1985, LATITUDE range = 50°−64°
395 PMCs accepted [11212 scans]
Average RESIDUAL = 7.78*10^-6 sr^-1
Average FREQUENCY = 3.52%
Total Ice (IWC_avg*area*freq) = 87.9 tons
Average IWC = 71.7 gm/km^2
Maximum IWC = 119.9 gm/km^2
IWC > 250 gm/km^2 = 0.5% of all PMCs
A > 20 G = 1.3% 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
130
135
140
145
150
155
160
12:45:22 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1985fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2

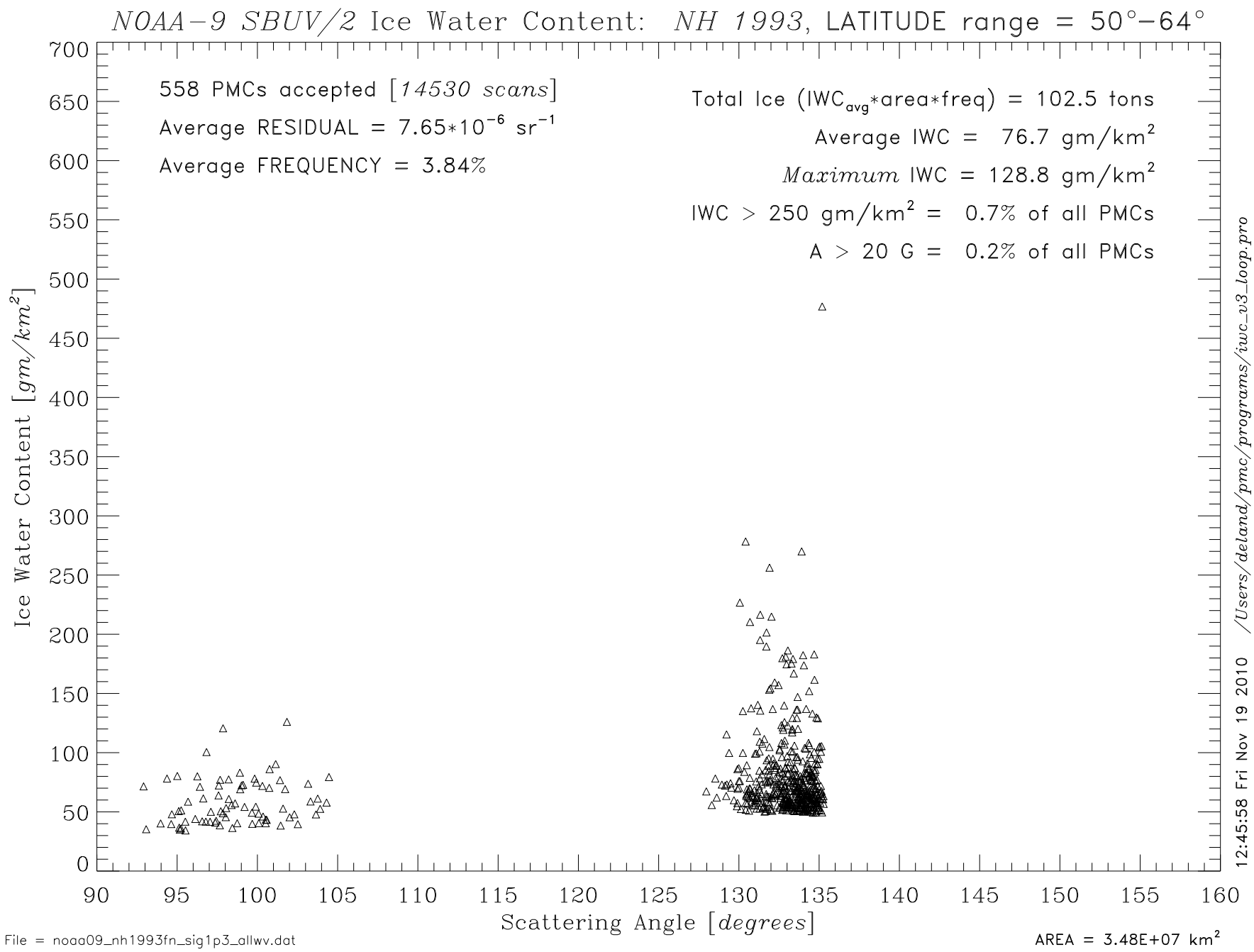

NOAA−9 SBUV/2 Ice Water Content: NH 1986, LATITUDE range = 50°−64°
477 PMCs accepted [12615 scans]
Average RESIDUAL = 8.06*10^-6 sr^-1
Average FREQUENCY = 3.78%
Total Ice (IWC_avg*area*freq) = 98.8 tons
Average IWC = 75.1 gm/km^2
Maximum IWC = 124.4 gm/km^2
IWC > 250 gm/km^2 = 0.4% of all PMCs
A > 20 G = 1.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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
12:45:25 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1986fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2

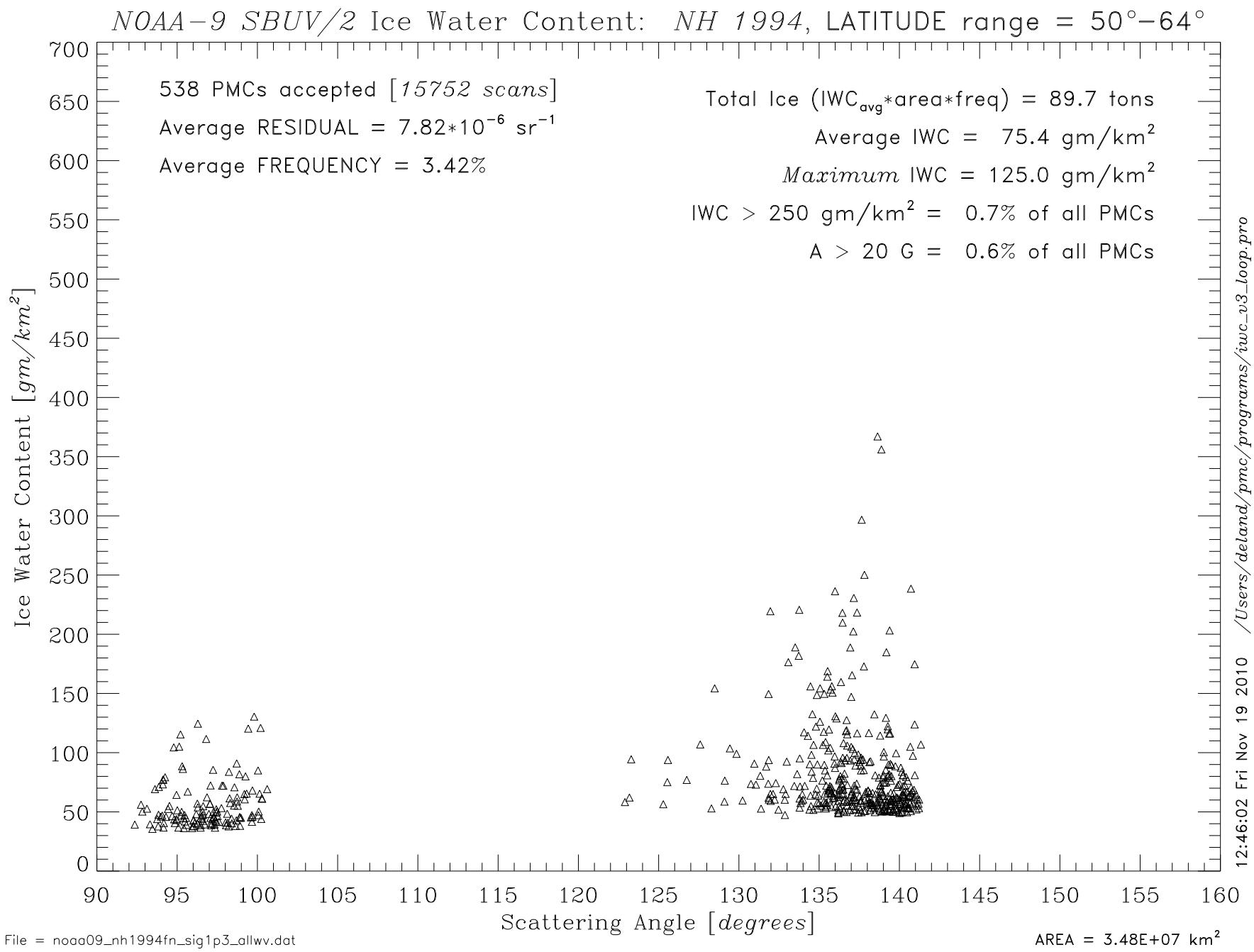

NOAA−9 SBUV/2 Ice Water Content: NH 1987, LATITUDE range = 50°−64°
760 PMCs accepted [15898 scans]
Average RESIDUAL = 7.80*10^-6 sr^-1
Average FREQUENCY = 4.78%
Total Ice (IWC_avg*area*freq) = 120.0 tons
Average IWC = 72.1 gm/km^2
Maximum IWC = 119.7 gm/km^2
IWC > 250 gm/km^2 = 0.4% of all PMCs
A > 20 G = 0.3% 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
130
135
140
145
150
155
160
12:45:29 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1987fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2

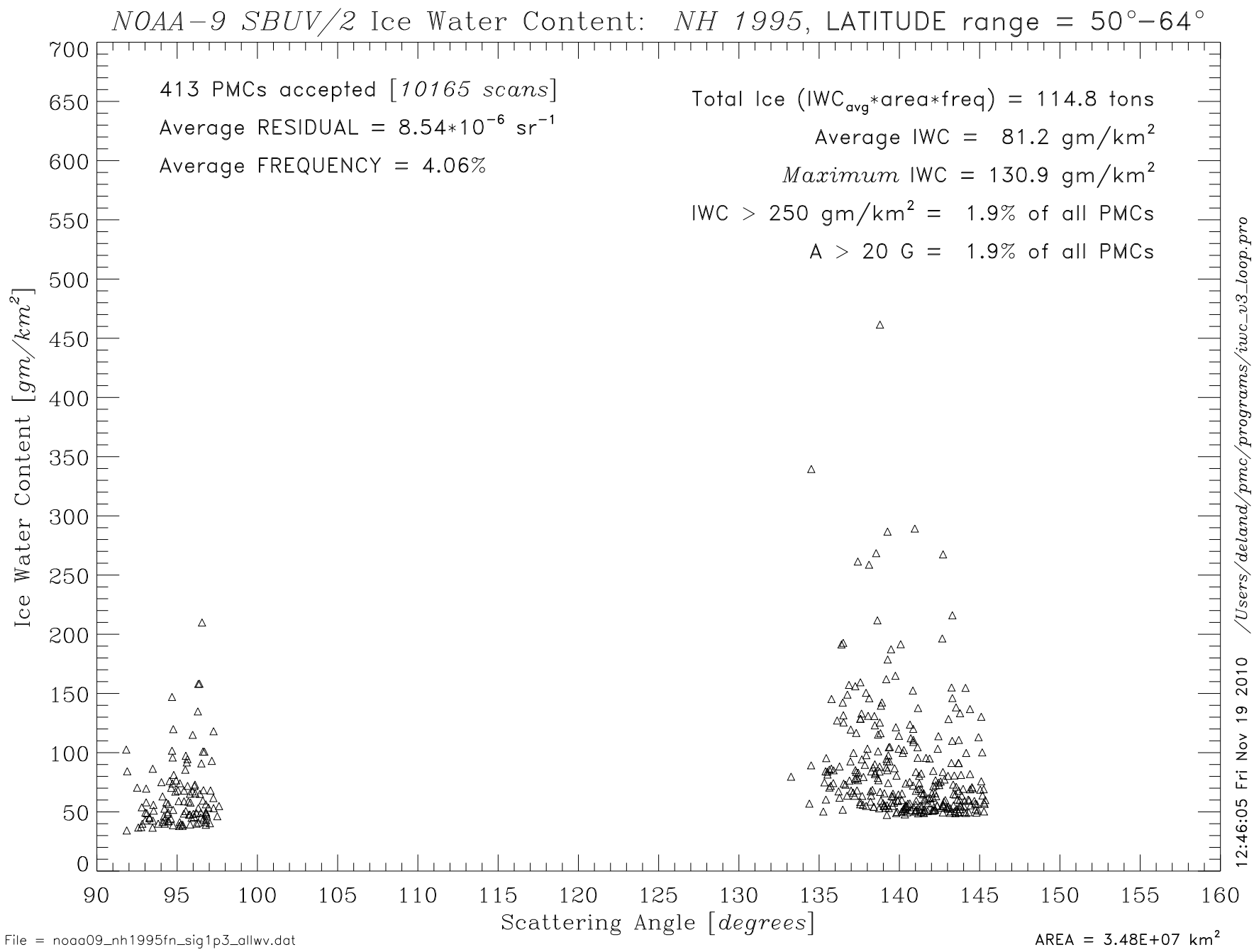

NOAA−9 SBUV/2 Ice Water Content: NH 1988, LATITUDE range = 50°−64°
812 PMCs accepted [19934 scans]
Average RESIDUAL = 7.96*10^-6 sr^-1
Average FREQUENCY = 4.07%
Total Ice (IWC_avg*area*freq) = 109.4 tons
Average IWC = 77.2 gm/km^2
Maximum IWC = 127.5 gm/km^2
IWC > 250 gm/km^2 = 0.7% of all PMCs
A > 20 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
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:45:34 Fri Nov 19 2010
File = noaa09_nh1988fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2

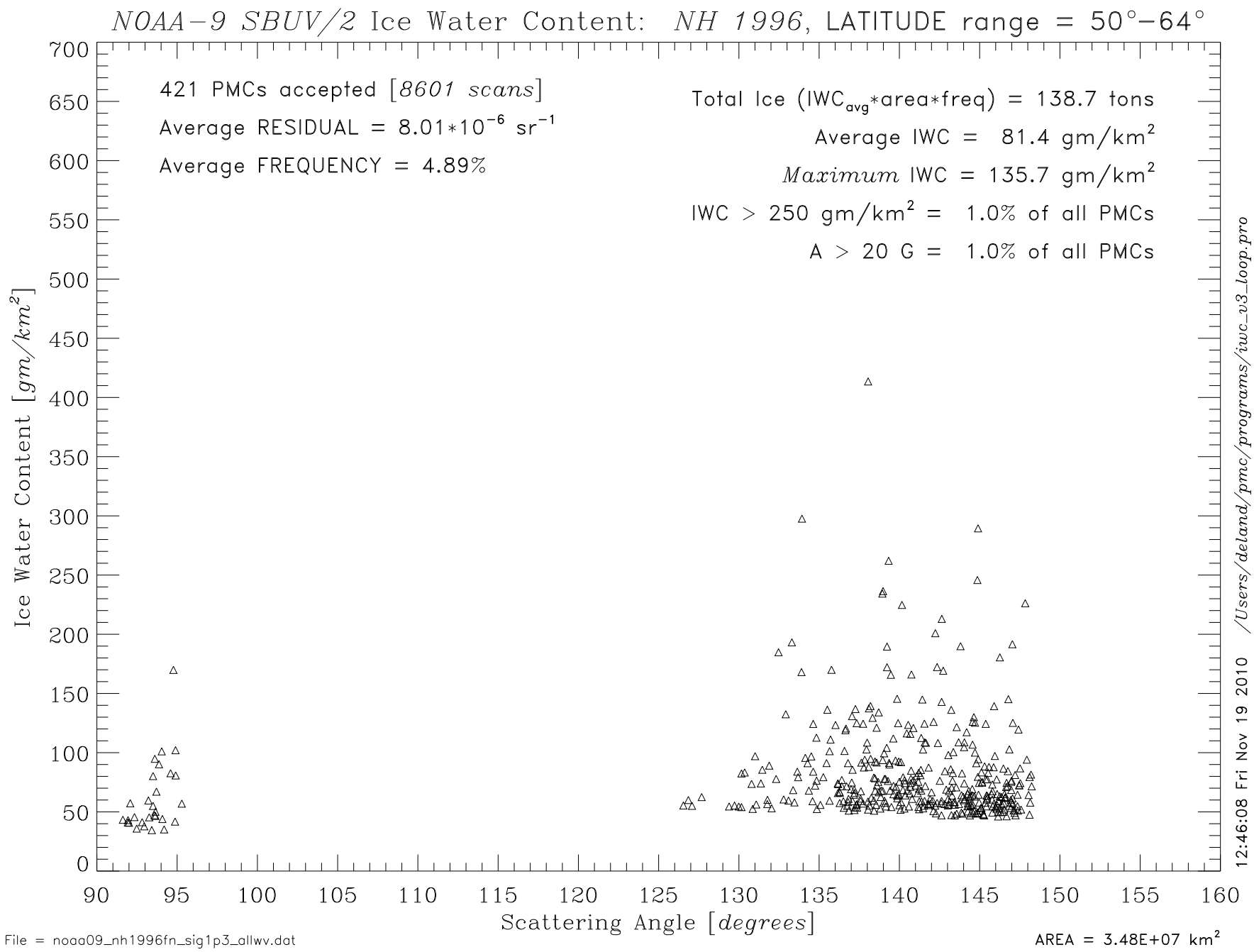

NOAA−9 SBUV/2 Ice Water Content: NH 1989, LATITUDE range = 50°−64°
734 PMCs accepted [19899 scans]
Average RESIDUAL = 7.44*10^-6 sr^-1
Average FREQUENCY = 3.69%
Total Ice (IWC_avg*area*freq) = 89.8 tons
Average IWC = 70.0 gm/km^2
Maximum IWC = 117.7 gm/km^2
IWC > 250 gm/km^2 = 0.1% of all PMCs
A > 20 G = 0.3% 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
130
135
140
145
150
155
160
12:45:39 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1989fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1992, LATITUDE range = 50°−64°
660 PMCs accepted [20141 scans]
Average RESIDUAL = 7.30*10^-6 sr^-1
Average FREQUENCY = 3.28%
Total Ice (IWC_avg*area*freq) = 80.2 tons
Average IWC = 70.4 gm/km^2
Maximum IWC = 119.3 gm/km^2
IWC > 250 gm/km^2 = 0.3% of all PMCs
A > 20 G = 0.2% 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
12:45:55 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1992fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1993, LATITUDE range = 50°−64°
558 PMCs accepted [14530 scans]
Average RESIDUAL = 7.65*10^-6 sr^-1
Average FREQUENCY = 3.84%
Total Ice (IWC_avg*area*freq) = 102.5 tons
Average IWC = 76.7 gm/km^2
Maximum IWC = 128.8 gm/km^2
IWC > 250 gm/km^2 = 0.7% of all PMCs
A > 20 G = 0.2% 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
12:45:58 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1993fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1994, LATITUDE range = 50°−64°
538 PMCs accepted [15752 scans]
Average RESIDUAL = 7.82*10^-6 sr^-1
Average FREQUENCY = 3.42%
Total Ice (IWC_avg*area*freq) = 89.7 tons
Average IWC = 75.4 gm/km^2
Maximum IWC = 125.0 gm/km^2
IWC > 250 gm/km^2 = 0.7% of all PMCs
A > 20 G = 0.6% 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
12:46:02 Fri Nov 19 2010
File = noaa09_nh1994fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1995, LATITUDE range = 50°−64°
413 PMCs accepted [10165 scans]
Average RESIDUAL = 8.54*10^-6 sr^-1
Average FREQUENCY = 4.06%
Total Ice (IWC_avg*area*freq) = 114.8 tons
Average IWC = 81.2 gm/km^2
Maximum IWC = 130.9 gm/km^2
IWC > 250 gm/km^2 = 1.9% of all PMCs
A > 20 G = 1.9% 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
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:46:05 Fri Nov 19 2010
File = noaa09_nh1995fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1996, LATITUDE range = 50°−64°
421 PMCs accepted [8601 scans]
Average RESIDUAL = 8.01*10^-6 sr^-1
Average FREQUENCY = 4.89%
Total Ice (IWC_avg*area*freq) = 138.7 tons
Average IWC = 81.4 gm/km^2
Maximum IWC = 135.7 gm/km^2
IWC > 250 gm/km^2 = 1.0% of all PMCs
A > 20 G = 1.0% 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
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130
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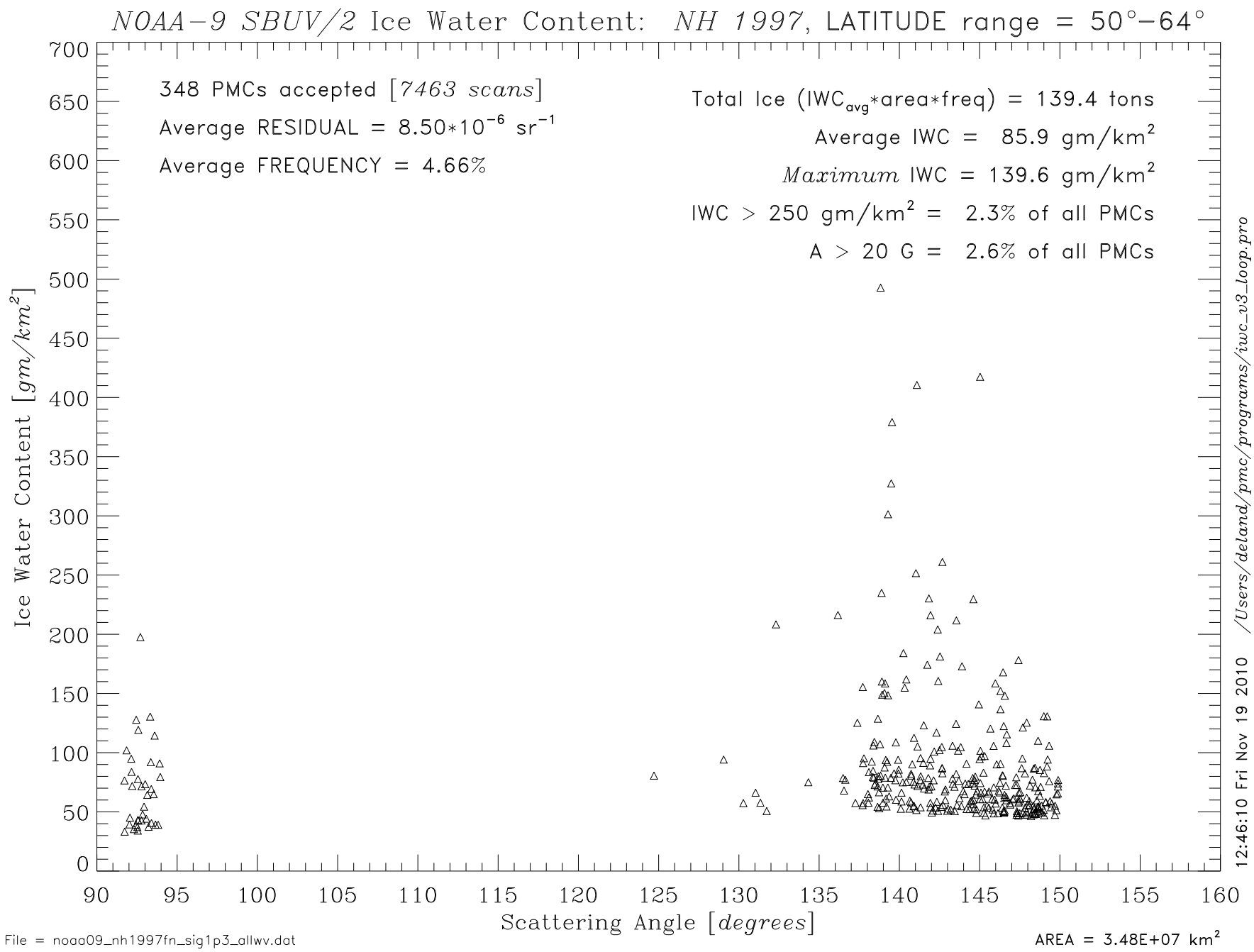
150
155
160
12:46:08 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_nh1996fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: NH 1997, LATITUDE range = 50°−64°
348 PMCs accepted [7463 scans]
Average RESIDUAL = 8.50*10^-6 sr^-1
Average FREQUENCY = 4.66%
Total Ice (IWC_avg*area*freq) = 139.4 tons
Average IWC = 85.9 gm/km^2
Maximum IWC = 139.6 gm/km^2
IWC > 250 gm/km^2 = 2.3% of all PMCs
A > 20 G = 2.6% 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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550
600
650
700
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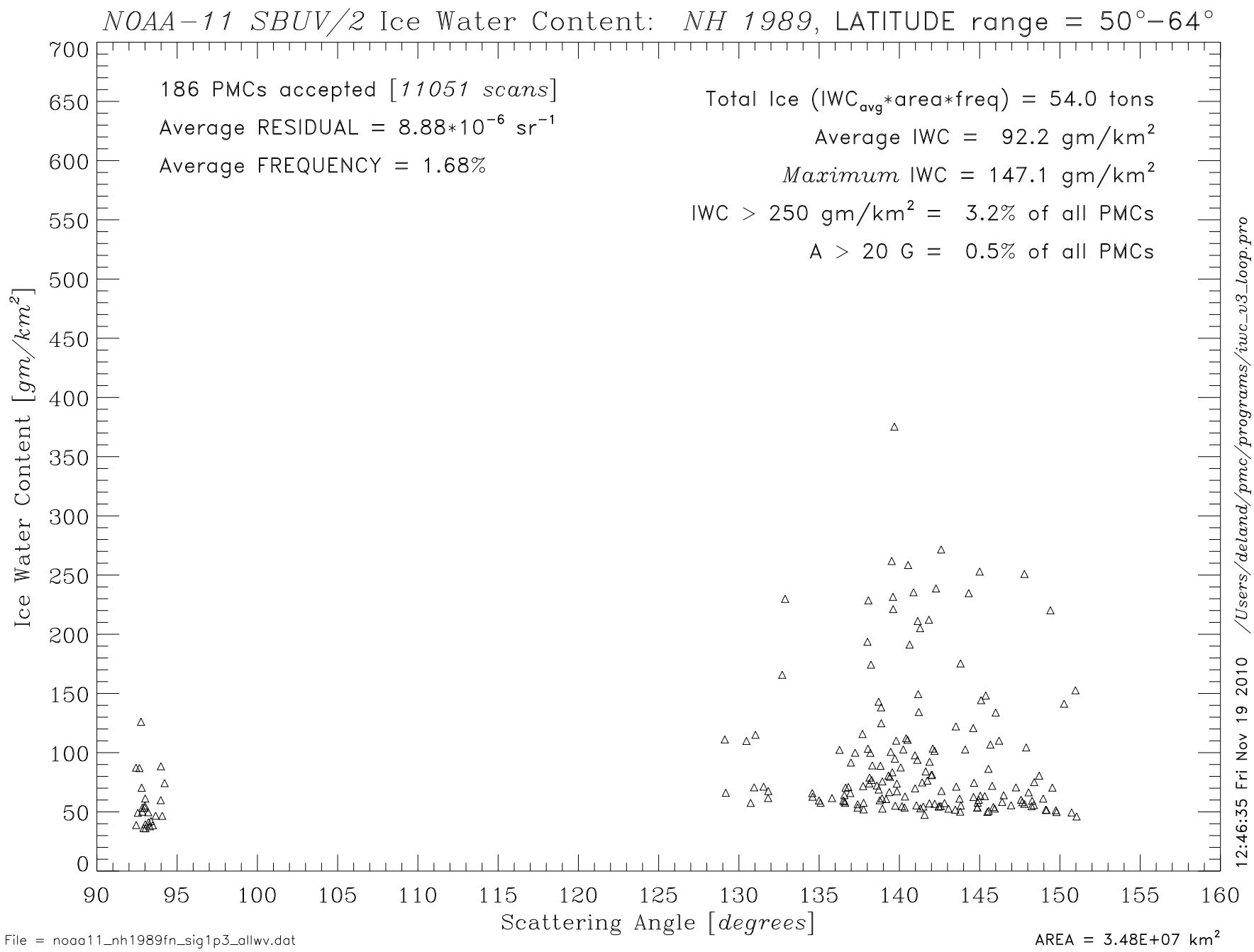
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:46:10 Fri Nov 19 2010
File = noaa09_nh1997fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1989, LATITUDE range = 50°−64°
186 PMCs accepted [11051 scans]
Average RESIDUAL = 8.88*10^-6 sr^-1
Average FREQUENCY = 1.68%
Total Ice (IWC_avg*area*freq) = 54.0 tons
Average IWC = 92.2 gm/km^2
Maximum IWC = 147.1 gm/km^2
IWC > 250 gm/km^2 = 3.2% 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
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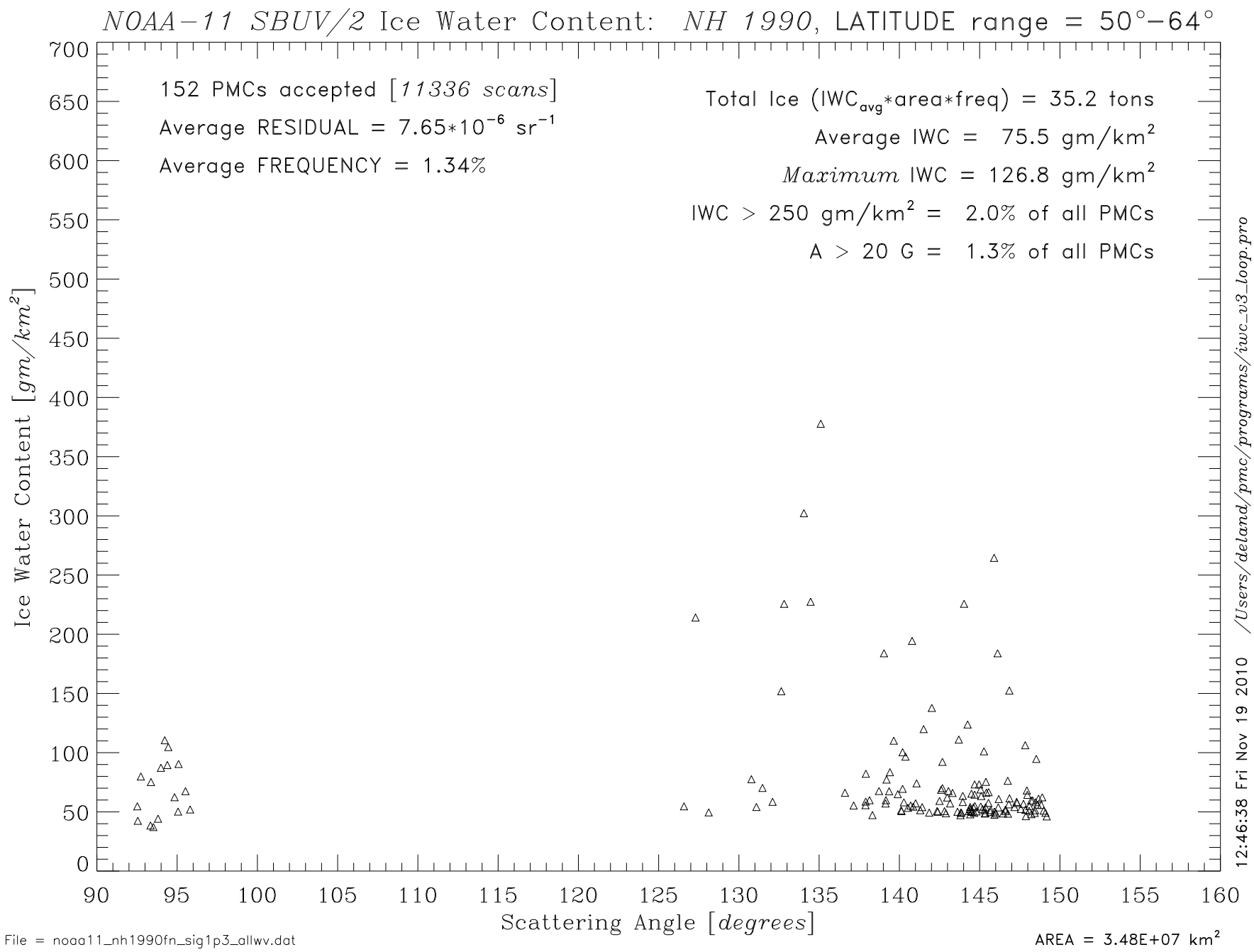
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:46:35 Fri Nov 19 2010
File = noaa11_nh1989fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1990, LATITUDE range = 50°−64°
152 PMCs accepted [11336 scans]
Average RESIDUAL = 7.65*10^-6 sr^-1
Average FREQUENCY = 1.34%
Total Ice (IWC_avg*area*freq) = 35.2 tons
Average IWC = 75.5 gm/km^2
Maximum IWC = 126.8 gm/km^2
IWC > 250 gm/km^2 = 2.0% of all PMCs
A > 20 G = 1.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
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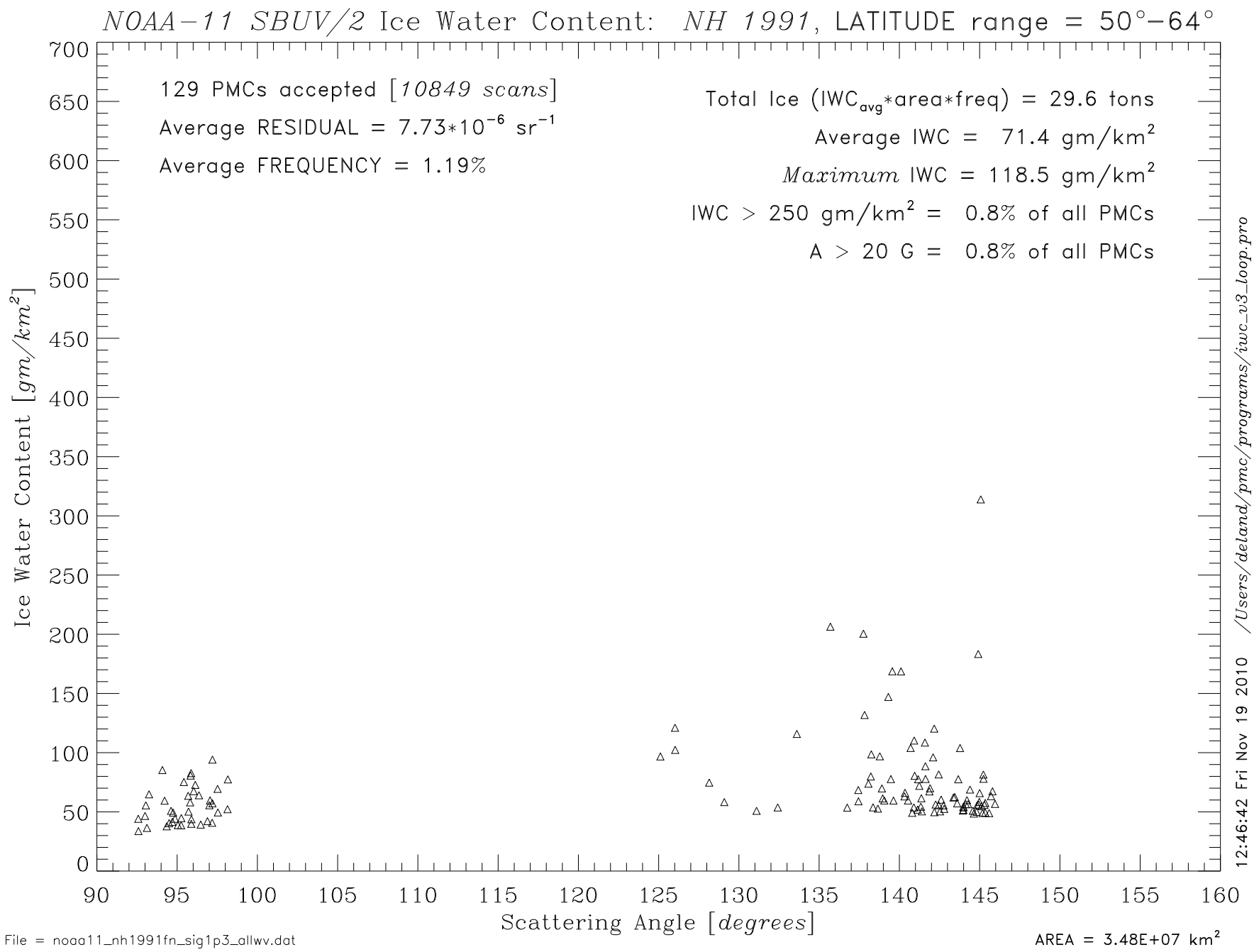
12:46:38 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1990fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1991, LATITUDE range = 50°−64°
129 PMCs accepted [10849 scans]
Average RESIDUAL = 7.73*10^-6 sr^-1
Average FREQUENCY = 1.19%
Total Ice (IWC_avg*area*freq) = 29.6 tons
Average IWC = 71.4 gm/km^2
Maximum IWC = 118.5 gm/km^2
IWC > 250 gm/km^2 = 0.8% of all PMCs
A > 20 G = 0.8% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
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600
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700
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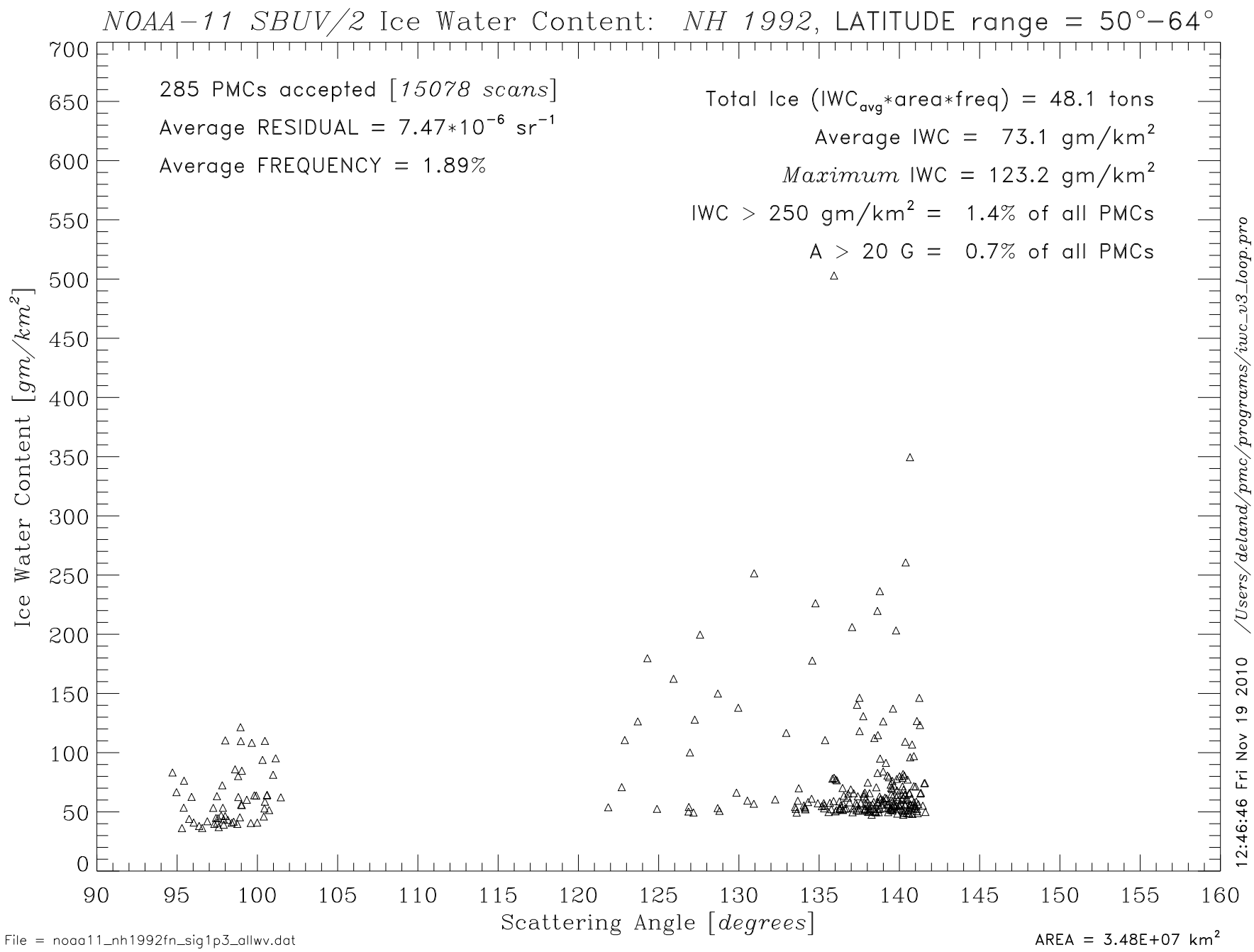
160
12:46:42 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1991fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1992, LATITUDE range = 50°−64°
285 PMCs accepted [15078 scans]
Average RESIDUAL = 7.47*10^-6 sr^-1
Average FREQUENCY = 1.89%
Total Ice (IWC_avg*area*freq) = 48.1 tons
Average IWC = 73.1 gm/km^2
Maximum IWC = 123.2 gm/km^2
IWC > 250 gm/km^2 = 1.4% of all PMCs
A > 20 G = 0.7% 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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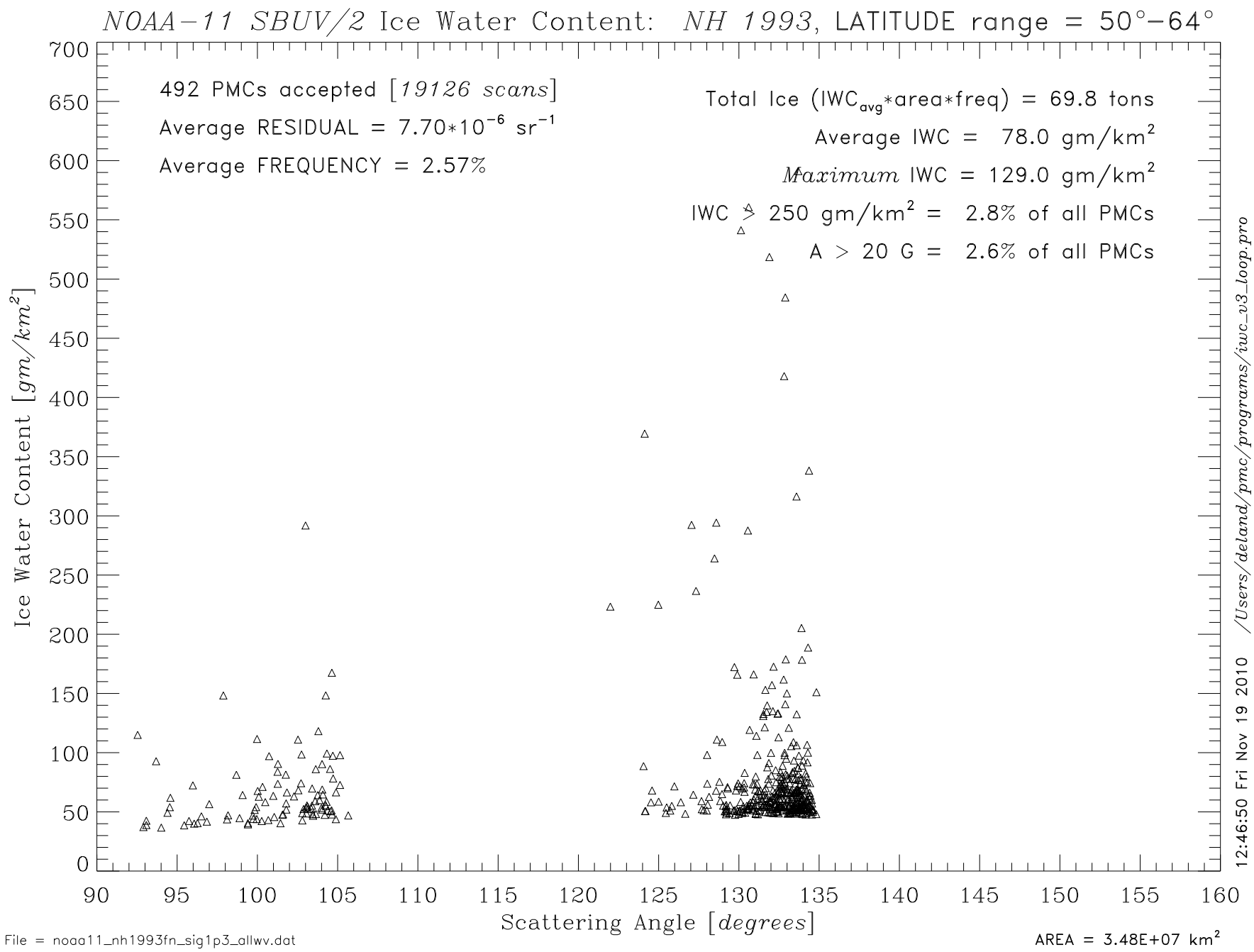
160
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:46:46 Fri Nov 19 2010
File = noaa11_nh1992fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1993, LATITUDE range = 50°−64°
492 PMCs accepted [19126 scans]
Average RESIDUAL = 7.70*10^-6 sr^-1
Average FREQUENCY = 2.57%
Total Ice (IWC_avg*area*freq) = 69.8 tons
Average IWC = 78.0 gm/km^2
Maximum IWC = 129.0 gm/km^2
IWC > 250 gm/km^2 = 2.8% of all PMCs
A > 20 G = 2.6% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
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600
650
700
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95
100
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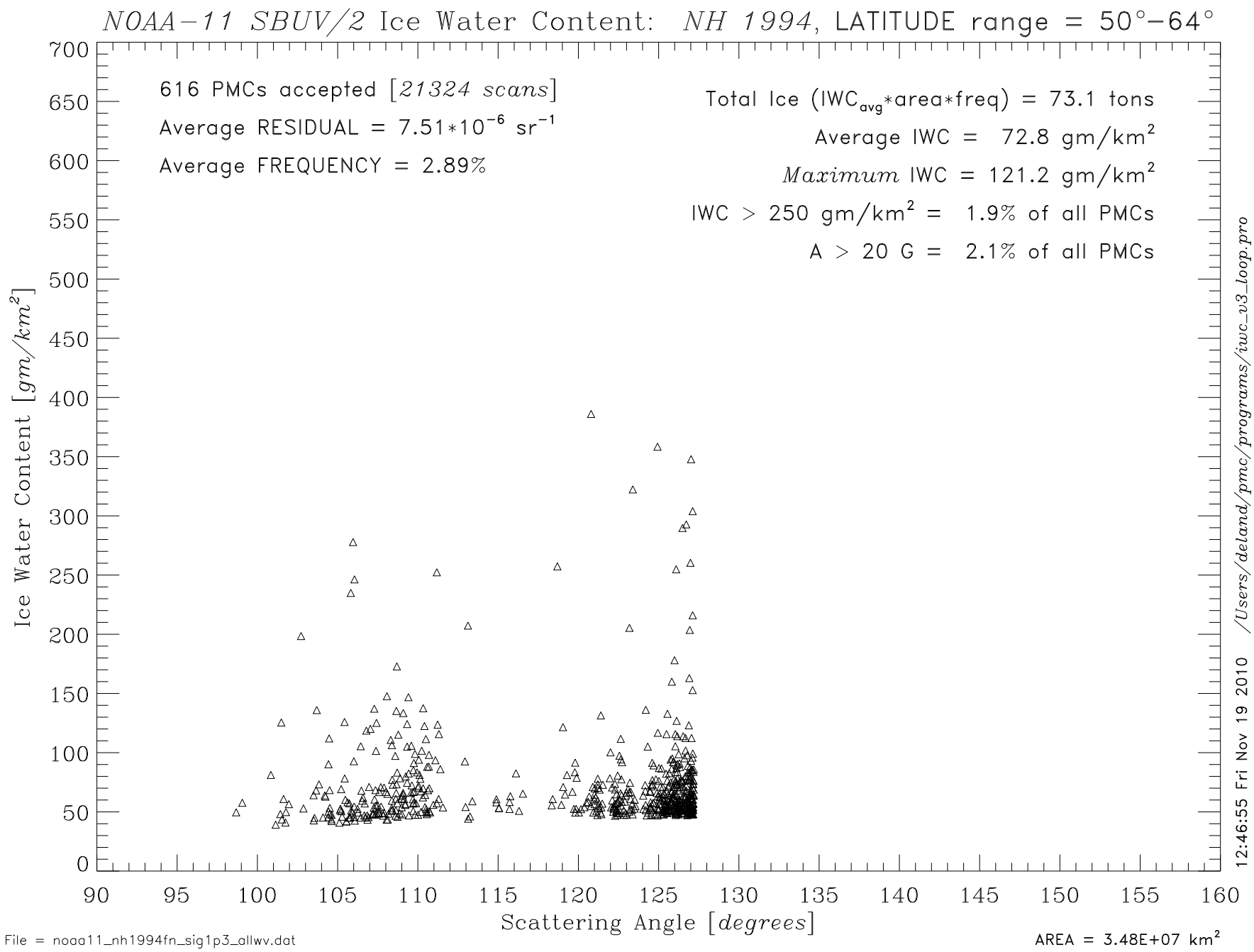
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:46:50 Fri Nov 19 2010
File = noaa11_nh1993fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1994, LATITUDE range = 50°−64°
616 PMCs accepted [21324 scans]
Average RESIDUAL = 7.51*10^-6 sr^-1
Average FREQUENCY = 2.89%
Total Ice (IWC_avg*area*freq) = 73.1 tons
Average IWC = 72.8 gm/km^2
Maximum IWC = 121.2 gm/km^2
IWC > 250 gm/km^2 = 1.9% of all PMCs
A > 20 G = 2.1% 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
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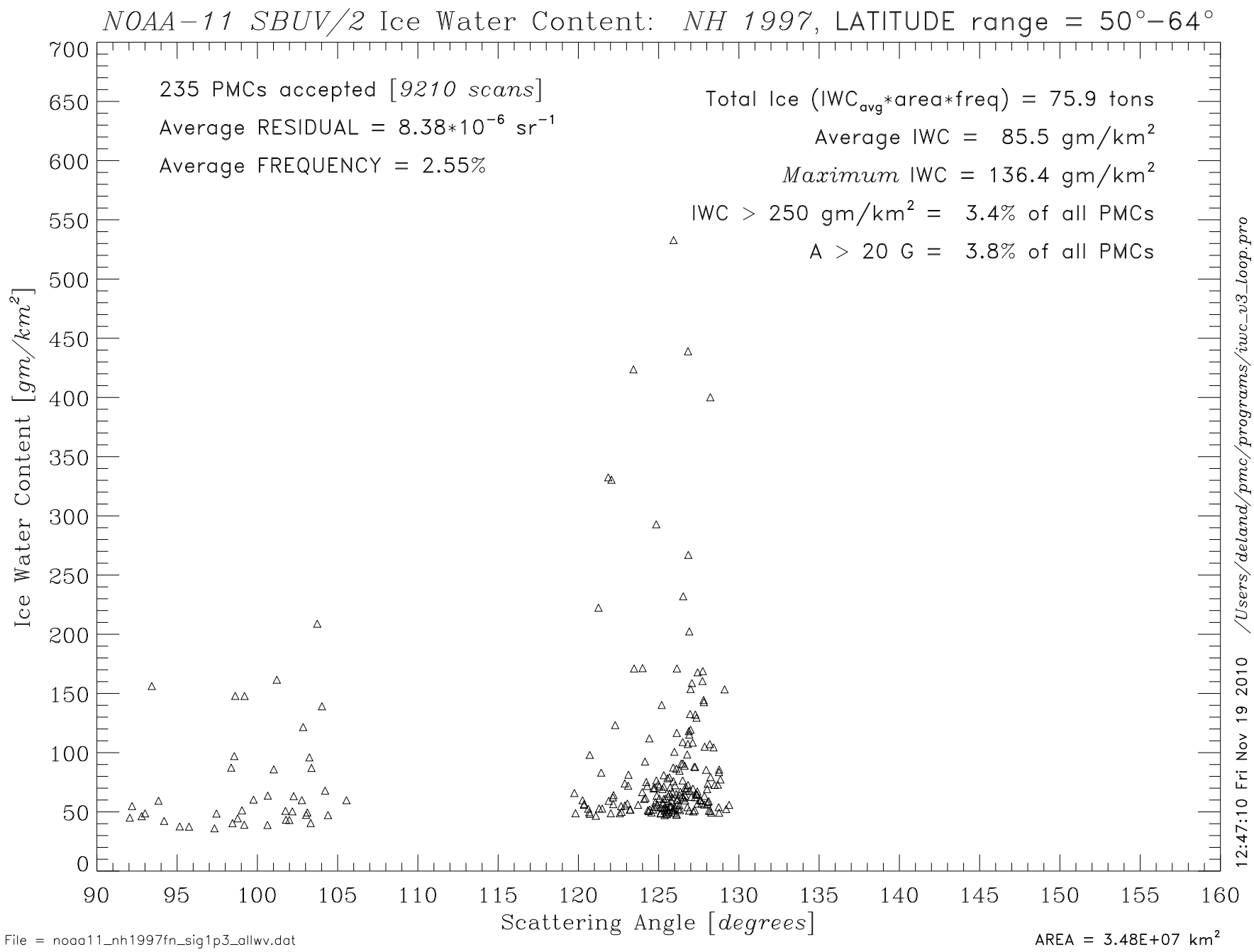
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:46:55 Fri Nov 19 2010
File = noaa11_nh1994fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1997, LATITUDE range = 50°−64°
235 PMCs accepted [9210 scans]
Average RESIDUAL = 8.38*10^-6 sr^-1
Average FREQUENCY = 2.55%
Total Ice (IWC_avg*area*freq) = 75.9 tons
Average IWC = 85.5 gm/km^2
Maximum IWC = 136.4 gm/km^2
IWC > 250 gm/km^2 = 3.4% of all PMCs
A > 20 G = 3.8% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
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650
700
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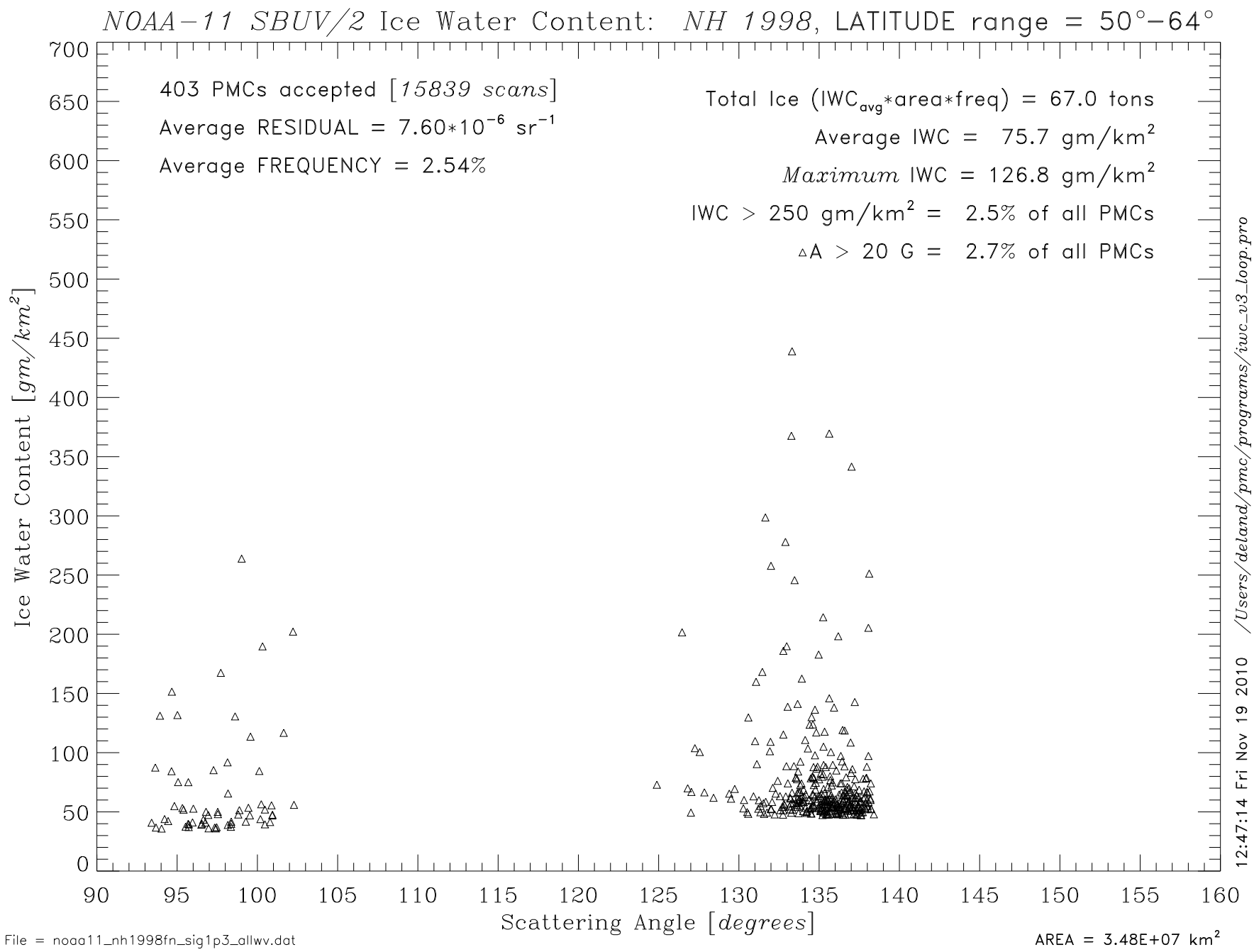
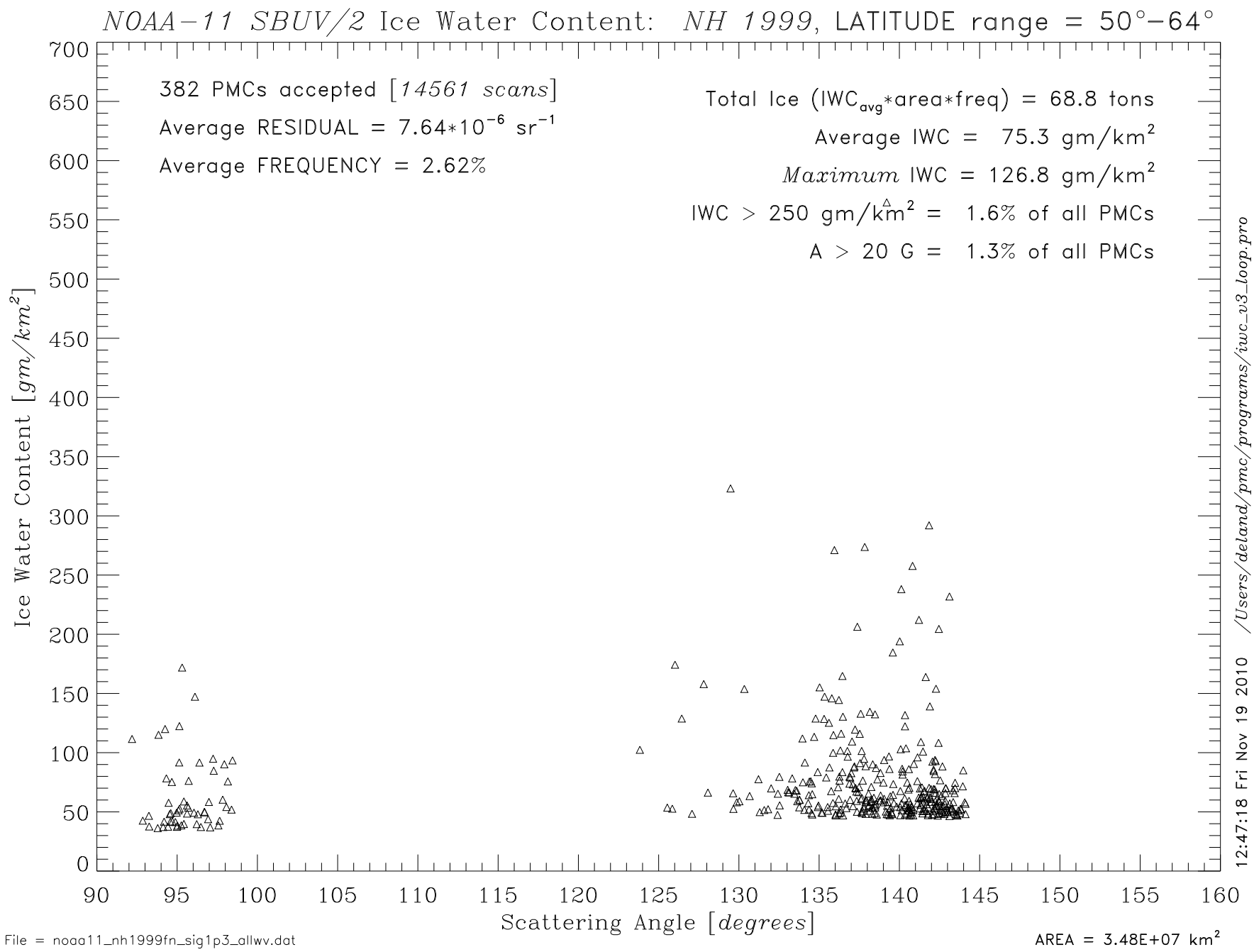
160
12:47:10 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh1997fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1998, LATITUDE range = 50°−64°
403 PMCs accepted [15839 scans]
Average RESIDUAL = 7.60*10^-6 sr^-1
Average FREQUENCY = 2.54%
Total Ice (IWC_avg*area*freq) = 67.0 tons
Average IWC = 75.7 gm/km^2
Maximum IWC = 126.8 gm/km^2
IWC > 250 gm/km^2 = 2.5% of all PMCs
ΔA > 20 G = 2.7% 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
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:47:14 Fri Nov 19 2010
File = noaa11_nh1998fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 1999, LATITUDE range = 50°−64°
382 PMCs accepted [14561 scans]
Average RESIDUAL = 7.64*10^-6 sr^-1
Average FREQUENCY = 2.62%
Total Ice (IWC_avg*area*freq) = 68.8 tons
Average IWC = 75.3 gm/km^2
Maximum IWC = 126.8 gm/km^2
IWC > 250 gm/km^2 = 1.6% of all PMCs
A > 20 G = 1.3% 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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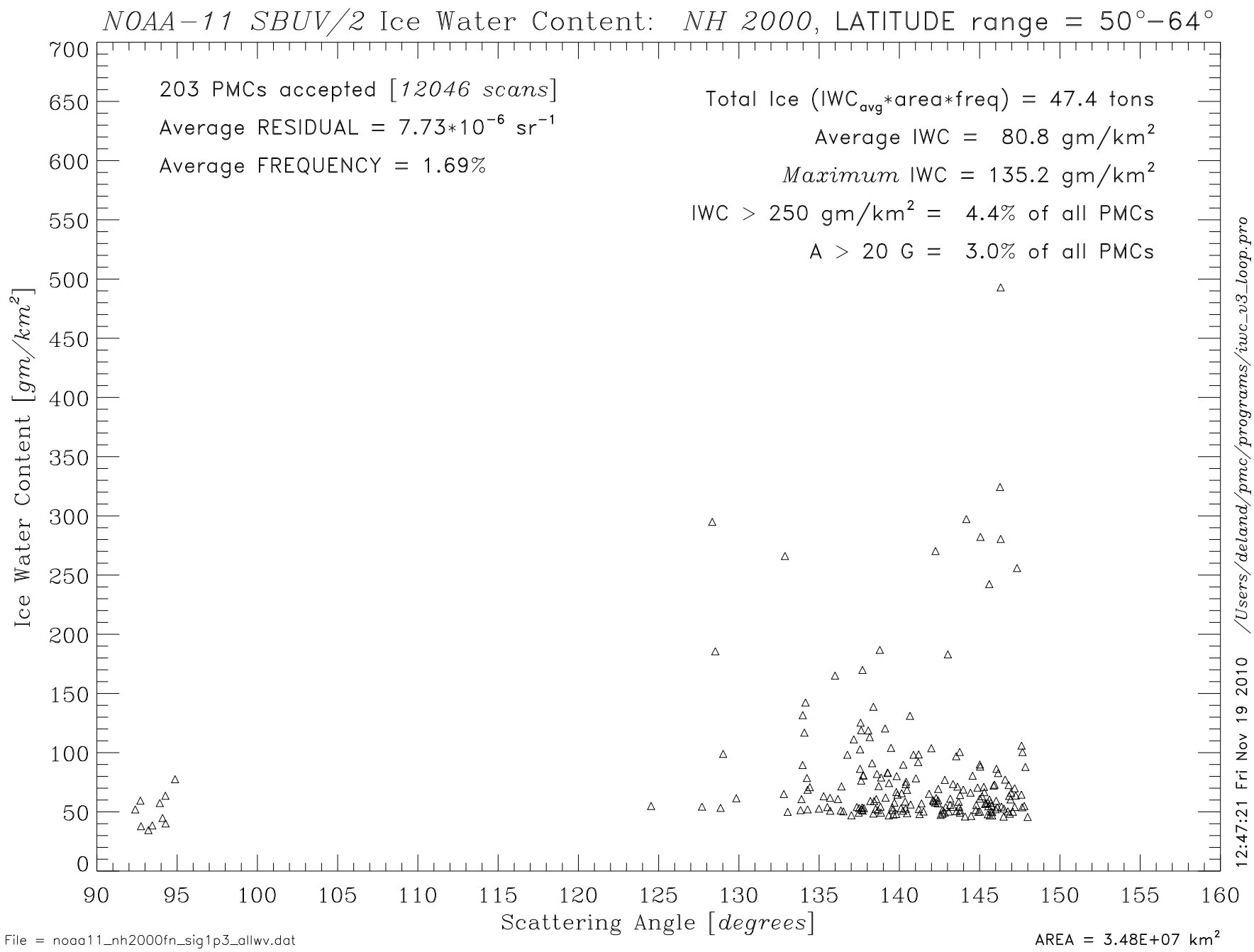
145
150
155
160
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:47:18 Fri Nov 19 2010
File = noaa11_nh1999fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: NH 2000, LATITUDE range = 50°−64°
203 PMCs accepted [12046 scans]
Average RESIDUAL = 7.73*10^-6 sr^-1
Average FREQUENCY = 1.69%
Total Ice (IWC_avg*area*freq) = 47.4 tons
Average IWC = 80.8 gm/km^2
Maximum IWC = 135.2 gm/km^2
IWC > 250 gm/km^2 = 4.4% 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
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110
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125
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135
140
145
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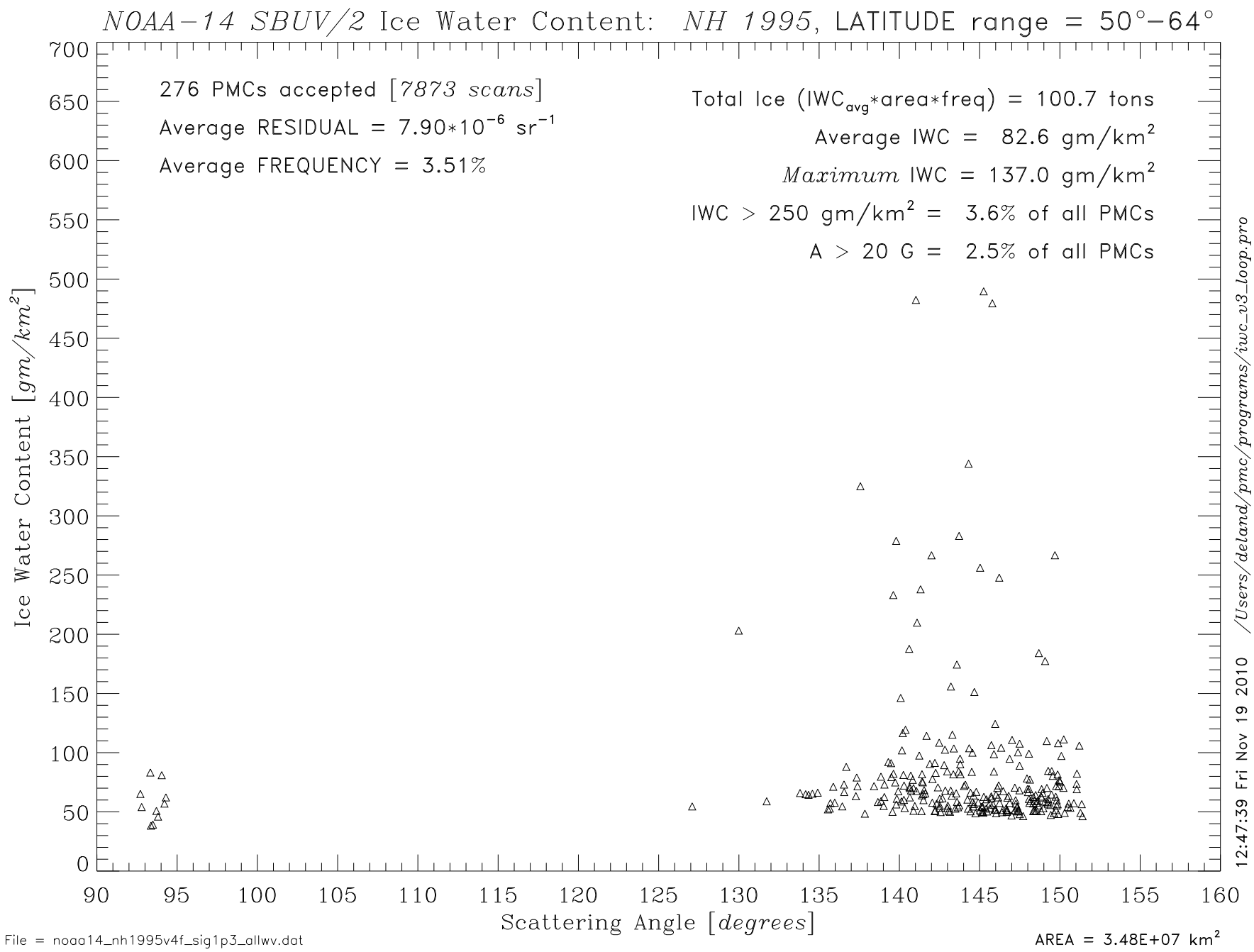
155
160
12:47:21 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_nh2000fn_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 1995, LATITUDE range = 50°−64°
276 PMCs accepted [7873 scans]
Average RESIDUAL = 7.90*10^-6 sr^-1
Average FREQUENCY = 3.51%
Total Ice (IWC_avg*area*freq) = 100.7 tons
Average IWC = 82.6 gm/km^2
Maximum IWC = 137.0 gm/km^2
IWC > 250 gm/km^2 = 3.6% of all PMCs
A > 20 G = 2.5% 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
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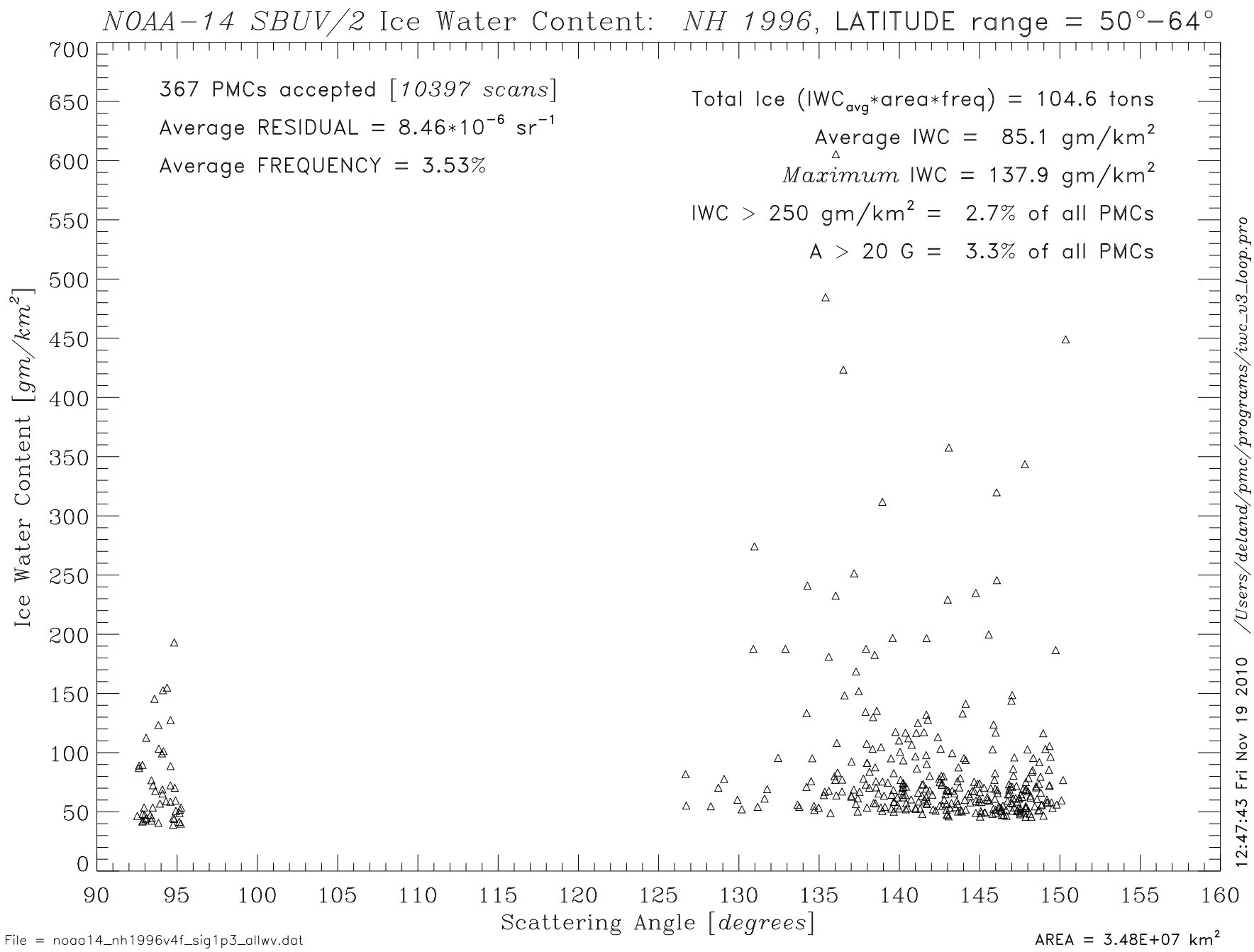
160
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:47:39 Fri Nov 19 2010
File = noaa14_nh1995v4f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 1996, LATITUDE range = 50°−64°
367 PMCs accepted [10397 scans]
Average RESIDUAL = 8.46*10^-6 sr^-1
Average FREQUENCY = 3.53%
Total Ice (IWC_avg*area*freq) = 104.6 tons
Average IWC = 85.1 gm/km^2
Maximum IWC = 137.9 gm/km^2
IWC > 250 gm/km^2 = 2.7% of all PMCs
A > 20 G = 3.3% 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
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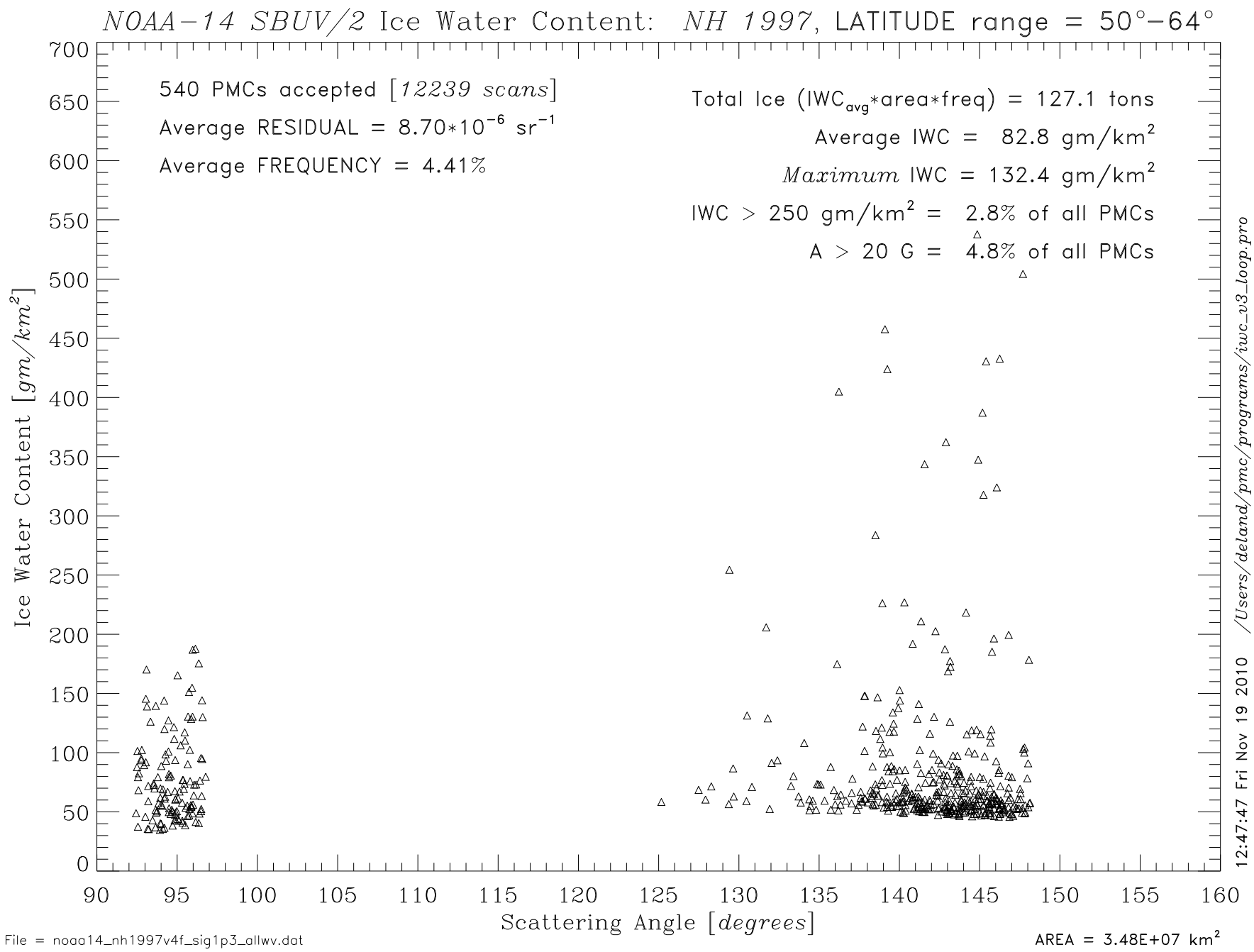
160
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:47:43 Fri Nov 19 2010
File = noaa14_nh1996v4f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 1997, LATITUDE range = 50°−64°
540 PMCs accepted [12239 scans]
Average RESIDUAL = 8.70*10^-6 sr^-1
Average FREQUENCY = 4.41%
Total Ice (IWC_avg*area*freq) = 127.1 tons
Average IWC = 82.8 gm/km^2
Maximum IWC = 132.4 gm/km^2
IWC > 250 gm/km^2 = 2.8% of all PMCs
A > 20 G = 4.8% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
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400
450
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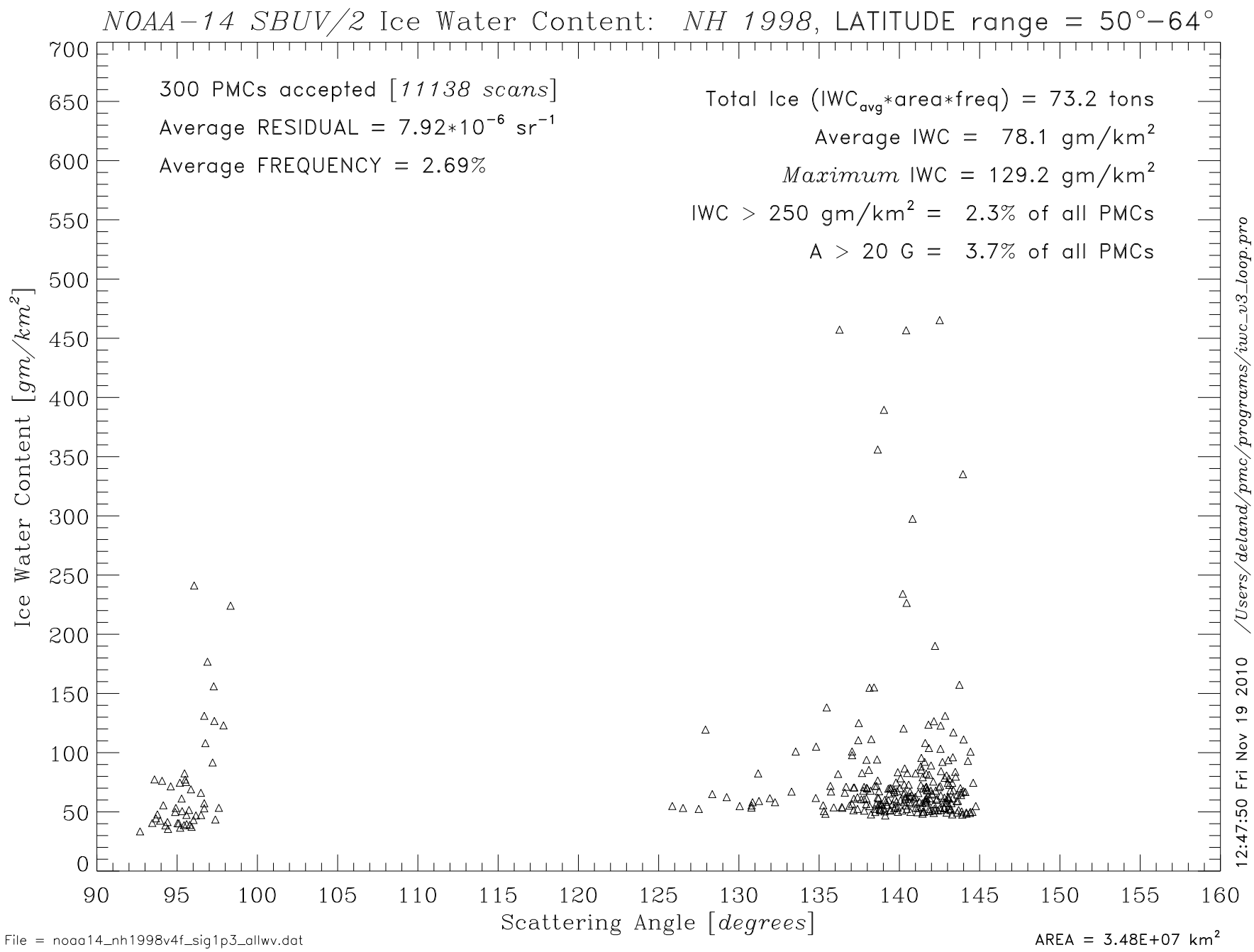
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:47:47 Fri Nov 19 2010
File = noaa14_nh1997v4f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 1998, LATITUDE range = 50°−64°
300 PMCs accepted [11138 scans]
Average RESIDUAL = 7.92*10^-6 sr^-1
Average FREQUENCY = 2.69%
Total Ice (IWC_avg*area*freq) = 73.2 tons
Average IWC = 78.1 gm/km^2
Maximum IWC = 129.2 gm/km^2
IWC > 250 gm/km^2 = 2.3% of all PMCs
A > 20 G = 3.7% 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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550
600
650
700
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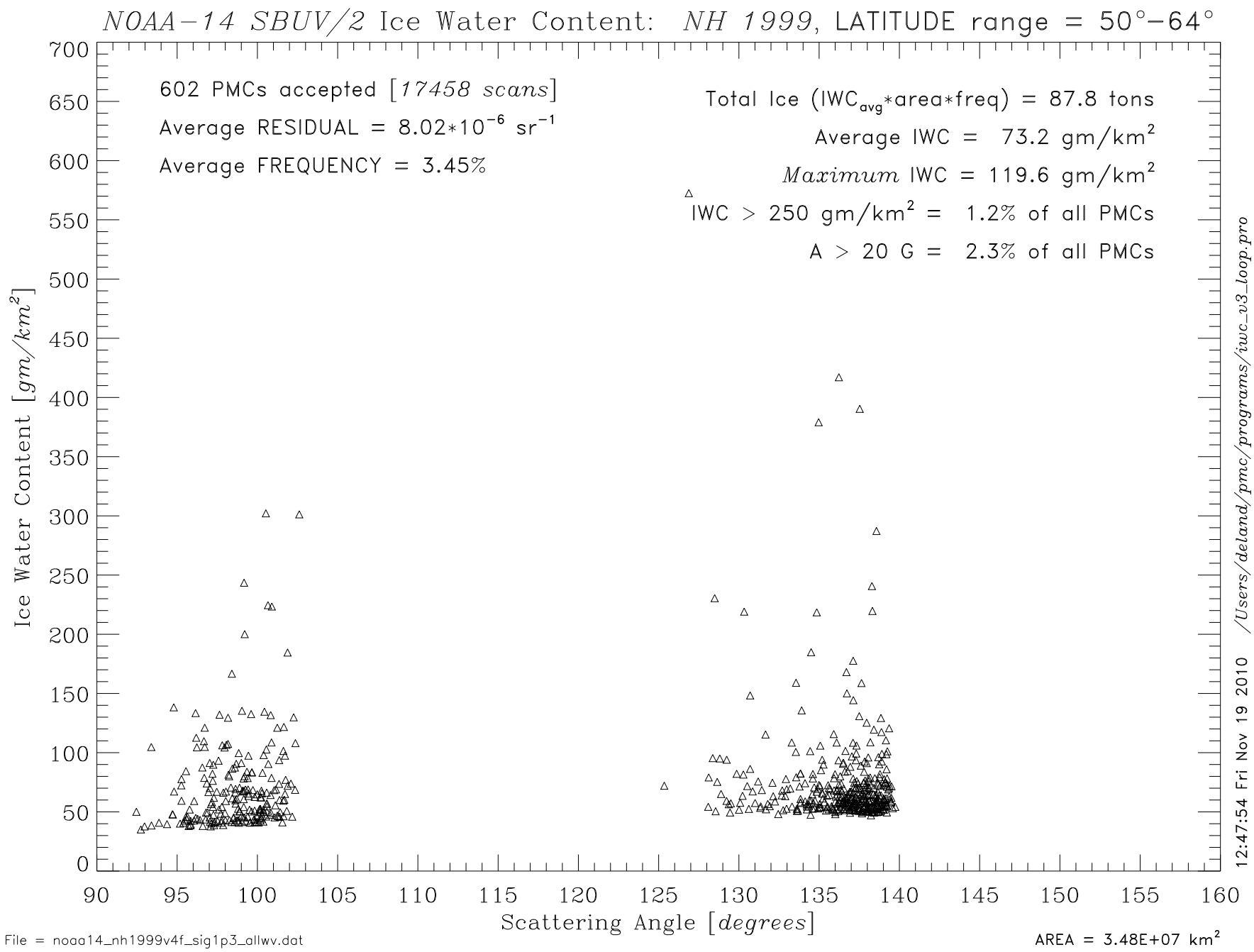
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:47:50 Fri Nov 19 2010
File = noaa14_nh1998v4f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 1999, LATITUDE range = 50°−64°
602 PMCs accepted [17458 scans]
Average RESIDUAL = 8.02*10^-6 sr^-1
Average FREQUENCY = 3.45%
Total Ice (IWC_avg*area*freq) = 87.8 tons
Average IWC = 73.2 gm/km^2
Maximum IWC = 119.6 gm/km^2
IWC > 250 gm/km^2 = 1.2% of all PMCs
A > 20 G = 2.3% 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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550
600
650
700
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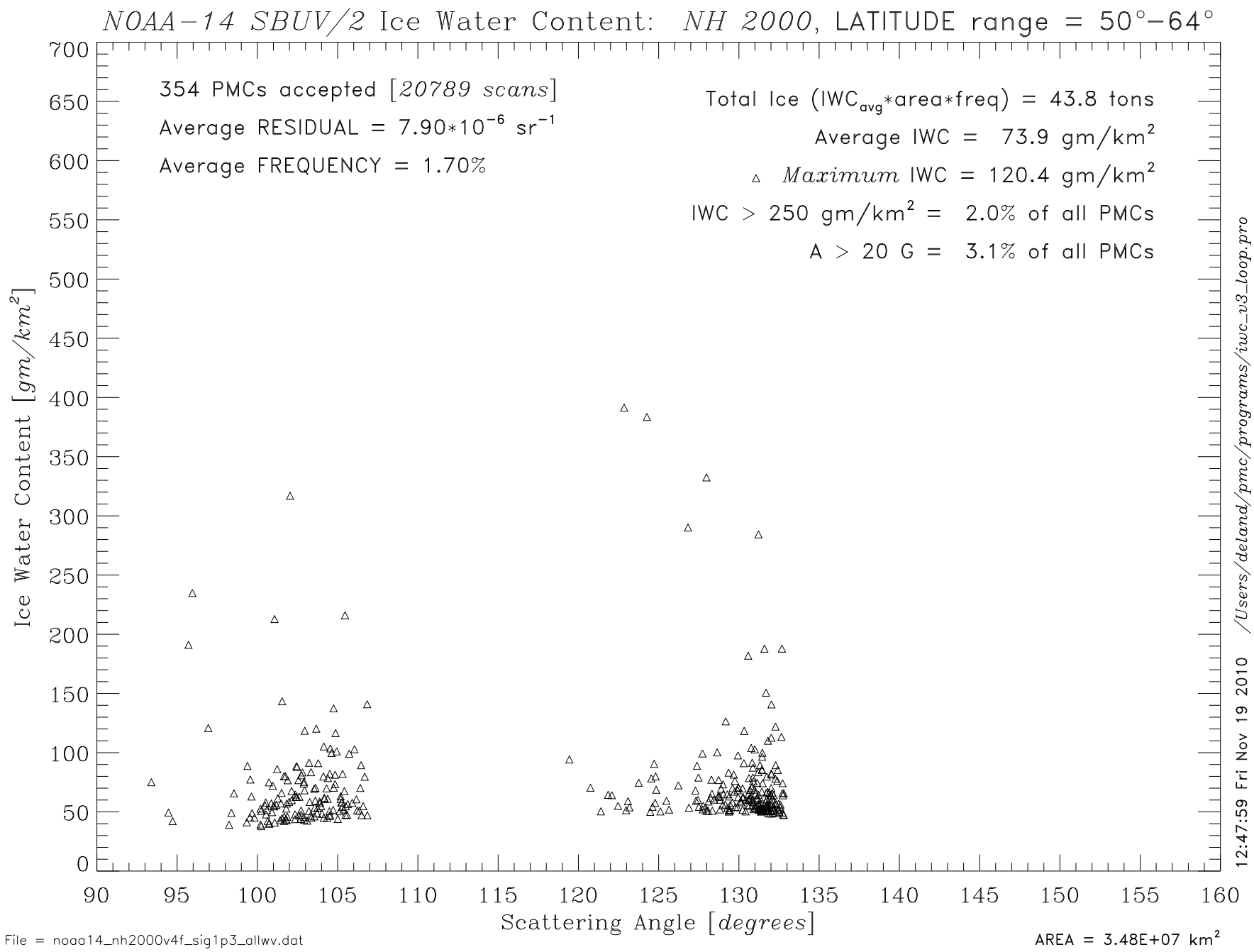
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:47:54 Fri Nov 19 2010
File = noaa14_nh1999v4f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 2000, LATITUDE range = 50°−64°
354 PMCs accepted [20789 scans]
Average RESIDUAL = 7.90*10^-6 sr^-1
Average FREQUENCY = 1.70%
Total Ice (IWC_avg*area*freq) = 43.8 tons
Average IWC = 73.9 gm/km^2
Maximum IWC = 120.4 gm/km^2
IWC > 250 gm/km^2 = 2.0% of all PMCs
A > 20 G = 3.1% 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
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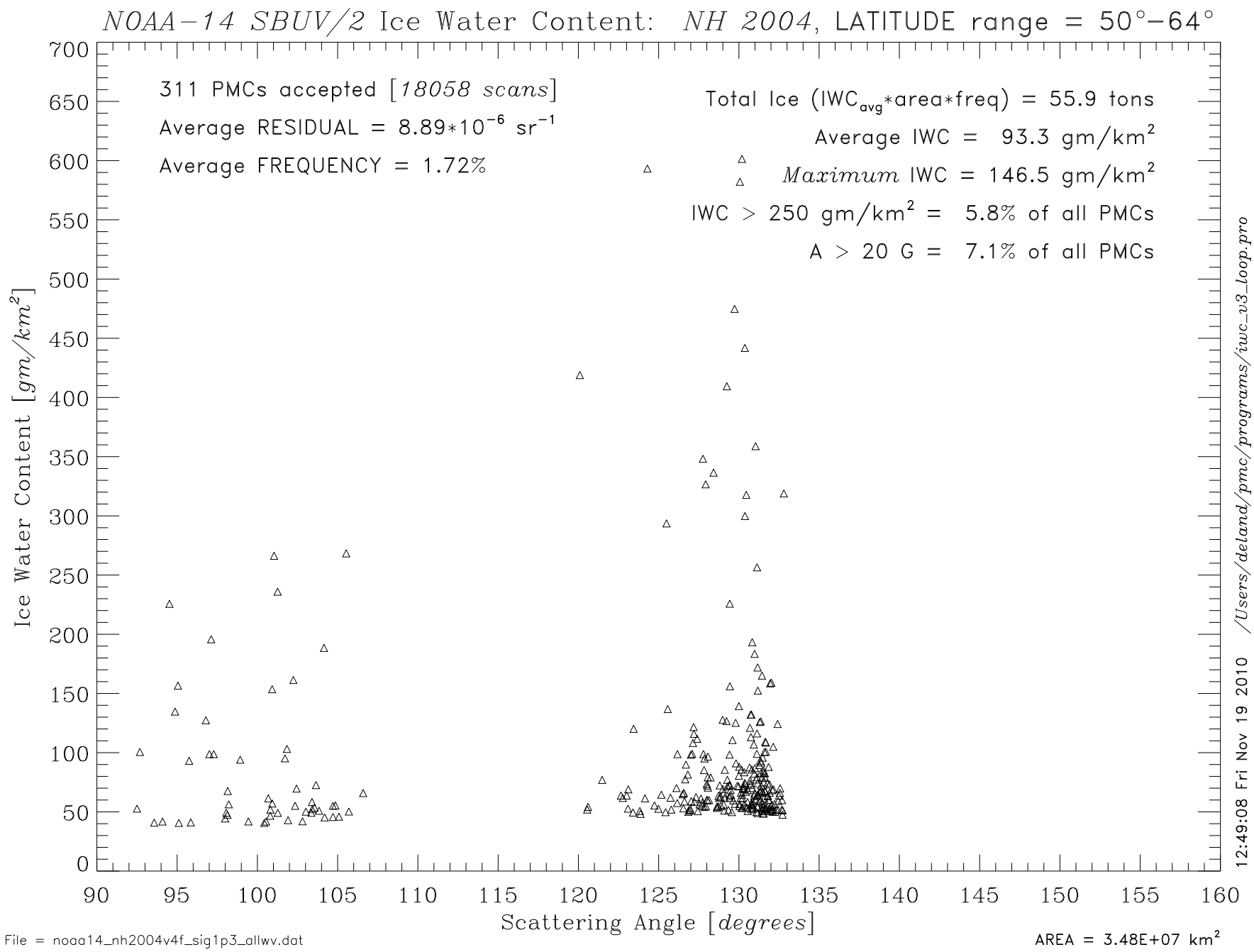
160
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:47:59 Fri Nov 19 2010
File = noaa14_nh2000v4f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 2004, LATITUDE range = 50°−64°
311 PMCs accepted [18058 scans]
Average RESIDUAL = 8.89*10^-6 sr^-1
Average FREQUENCY = 1.72%
Total Ice (IWC_avg*area*freq) = 55.9 tons
Average IWC = 93.3 gm/km^2
Maximum IWC = 146.5 gm/km^2
IWC > 250 gm/km^2 = 5.8% 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
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
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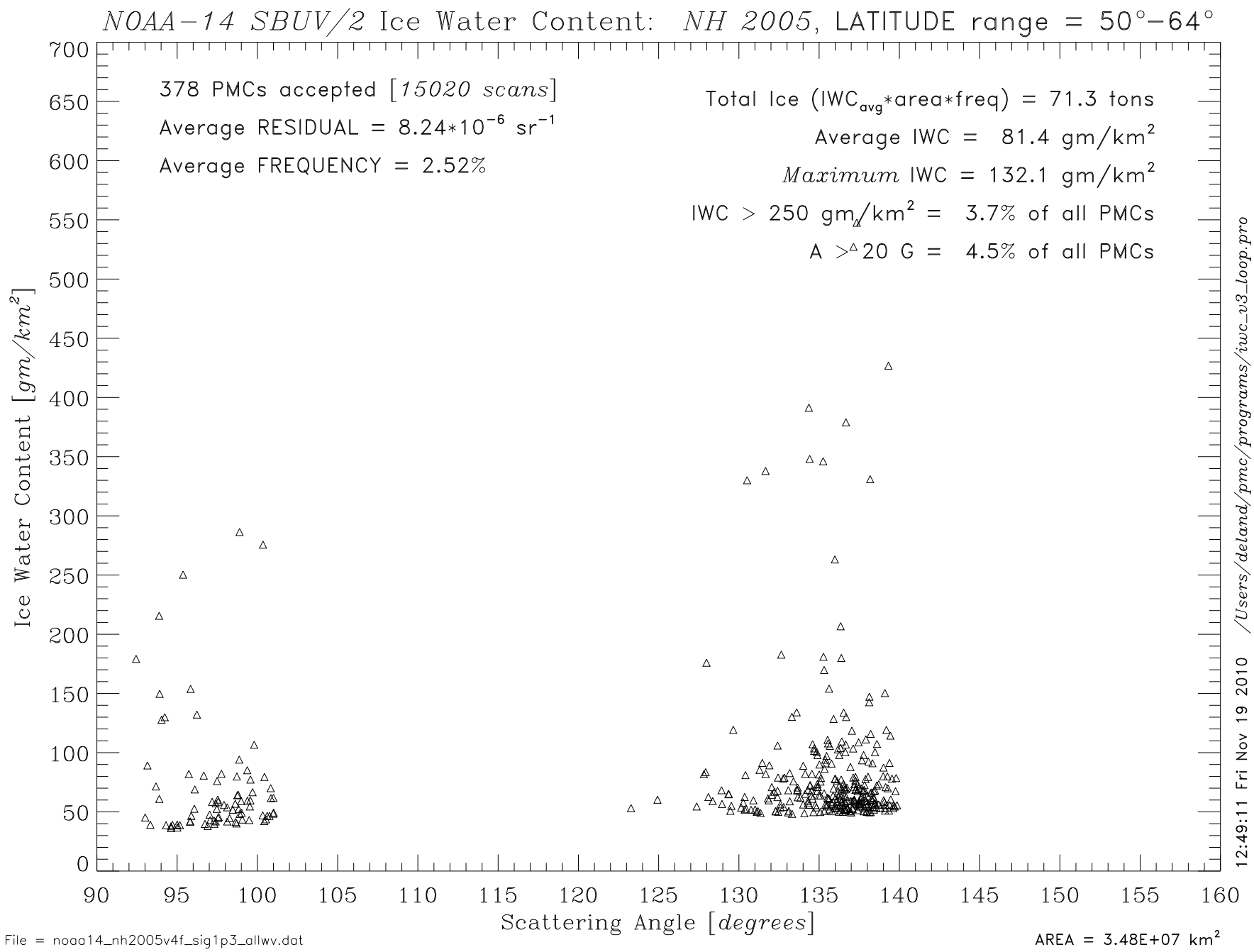
155
160
12:49:08 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh2004v4f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 2005, LATITUDE range = 50°−64°
378 PMCs accepted [15020 scans]
Average RESIDUAL = 8.24*10^-6 sr^-1
Average FREQUENCY = 2.52%
Total Ice (IWC_avg*area*freq) = 71.3 tons
Average IWC = 81.4 gm/km^2
Maximum IWC = 132.1 gm/km^2
IWC > 250 gm/km^2 = 3.7% of all PMCs
A > 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
500
550
600
650
700
90
95
100
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110
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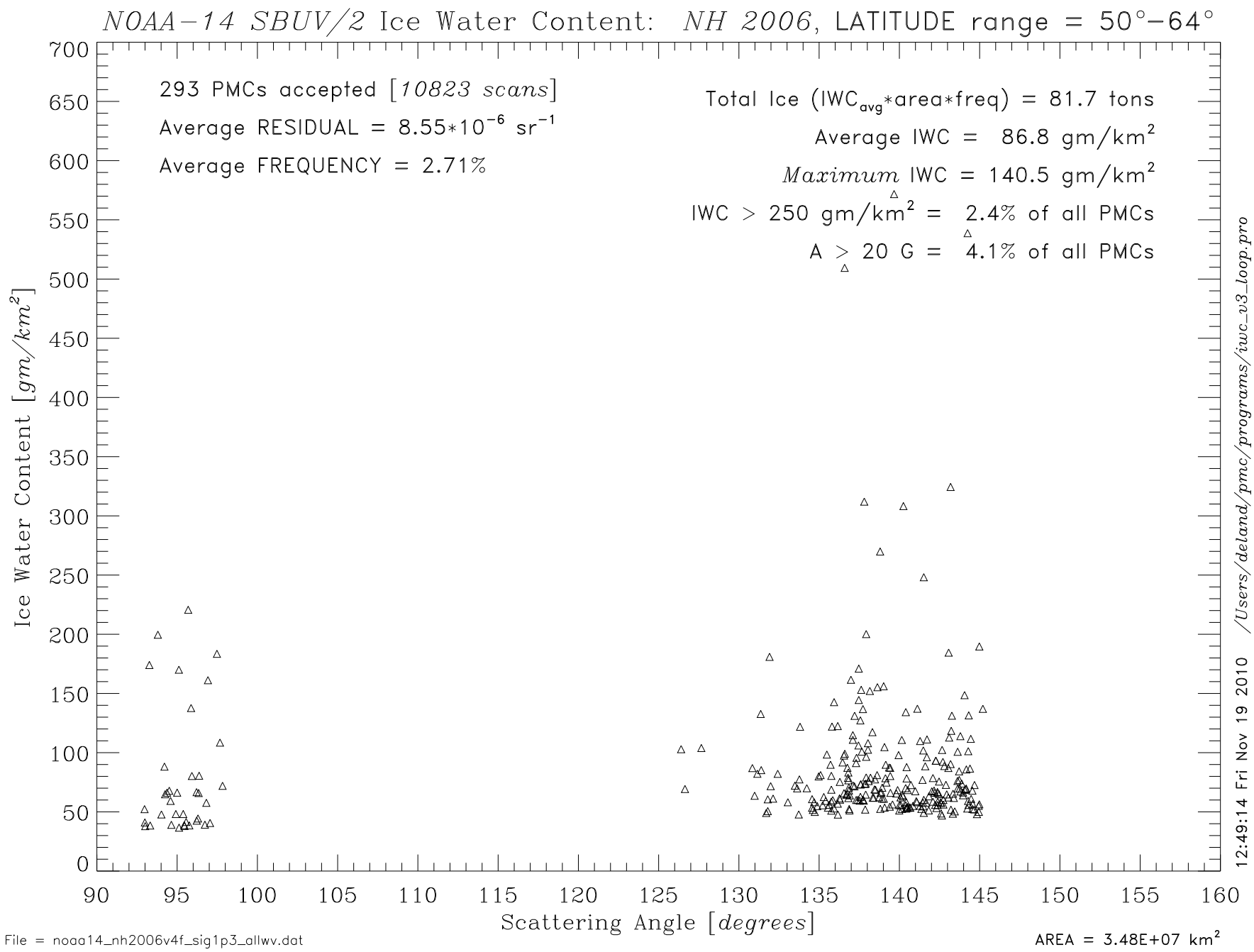
160
12:49:11 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh2005v4f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: NH 2006, LATITUDE range = 50°−64°
293 PMCs accepted [10823 scans]
Average RESIDUAL = 8.55*10^-6 sr^-1
Average FREQUENCY = 2.71%
Total Ice (IWC_avg*area*freq) = 81.7 tons
Average IWC = 86.8 gm/km^2
Maximum IWC = 140.5 gm/km^2
IWC > 250 gm/km^2 = 2.4% of all PMCs
A > 20 G = 4.1% 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
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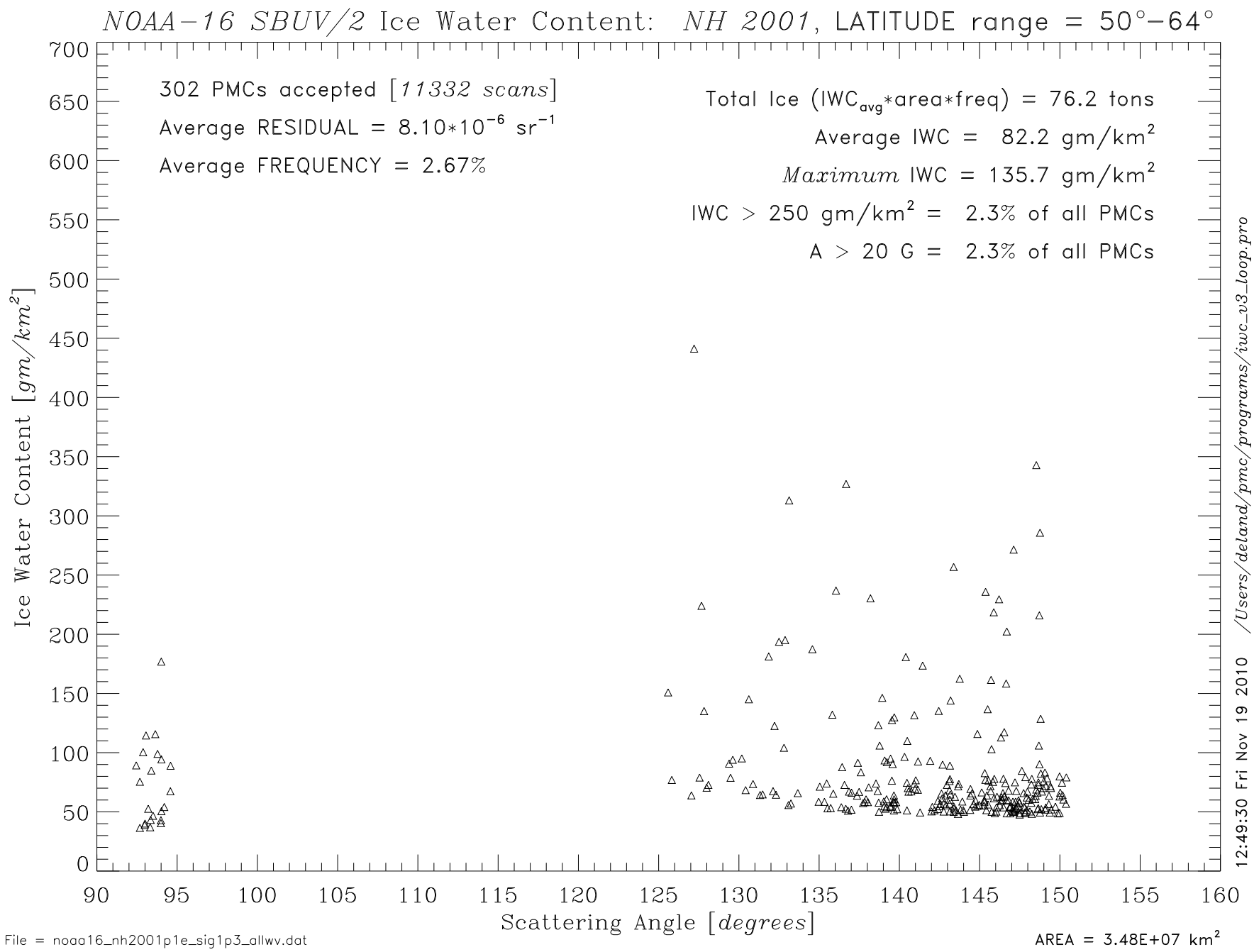
155
160
12:49:14 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_nh2006v4f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: NH 2001, LATITUDE range = 50°−64°
302 PMCs accepted [11332 scans]
Average RESIDUAL = 8.10*10^-6 sr^-1
Average FREQUENCY = 2.67%
Total Ice (IWC_avg*area*freq) = 76.2 tons
Average IWC = 82.2 gm/km^2
Maximum IWC = 135.7 gm/km^2
IWC > 250 gm/km^2 = 2.3% of all PMCs
A > 20 G = 2.3% 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
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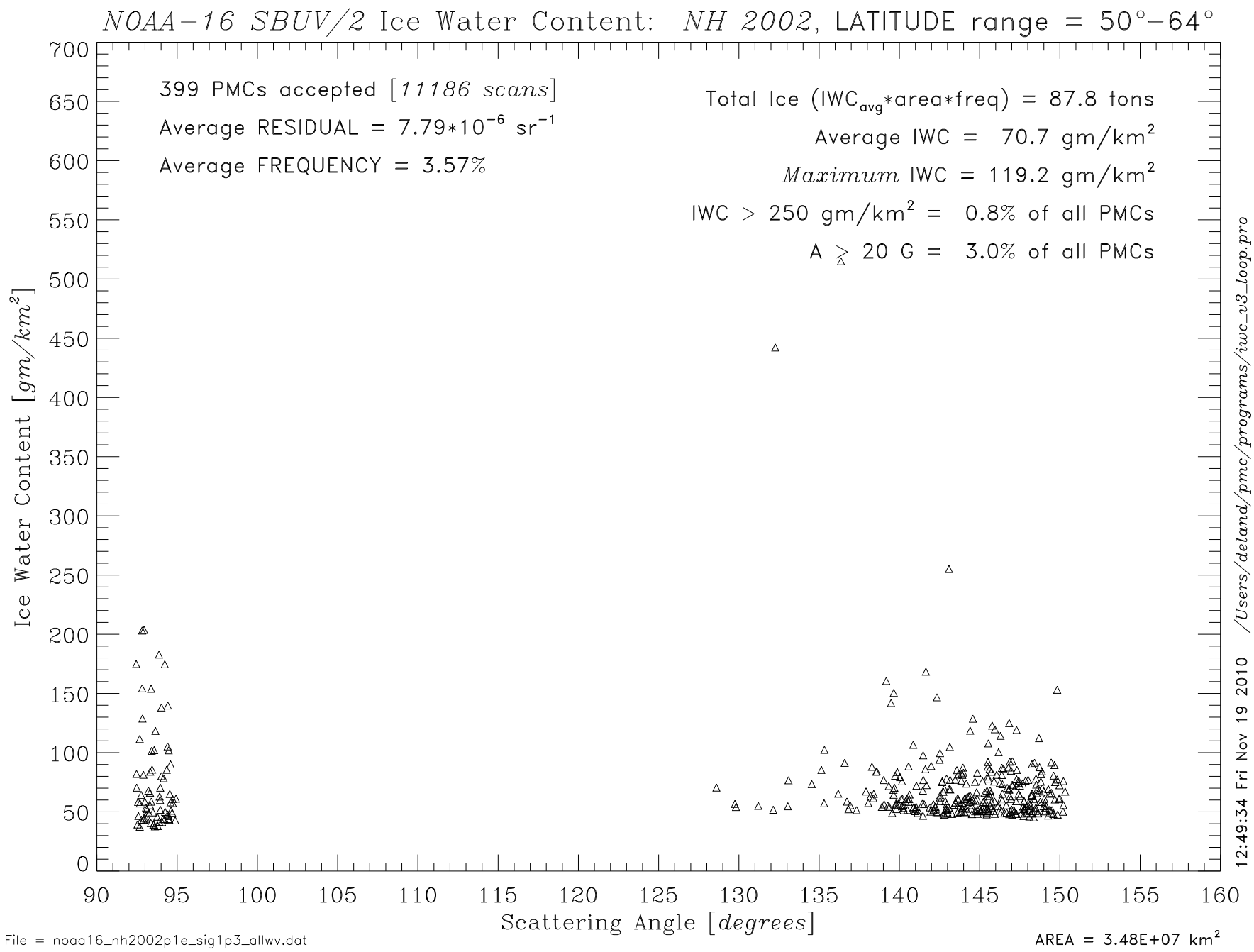
160
12:49:30 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_nh2001p1e_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: NH 2002, LATITUDE range = 50°−64°
399 PMCs accepted [11186 scans]
Average RESIDUAL = 7.79*10^-6 sr^-1
Average FREQUENCY = 3.57%
Total Ice (IWC_avg*area*freq) = 87.8 tons
Average IWC = 70.7 gm/km^2
Maximum IWC = 119.2 gm/km^2
IWC > 250 gm/km^2 = 0.8% 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
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150
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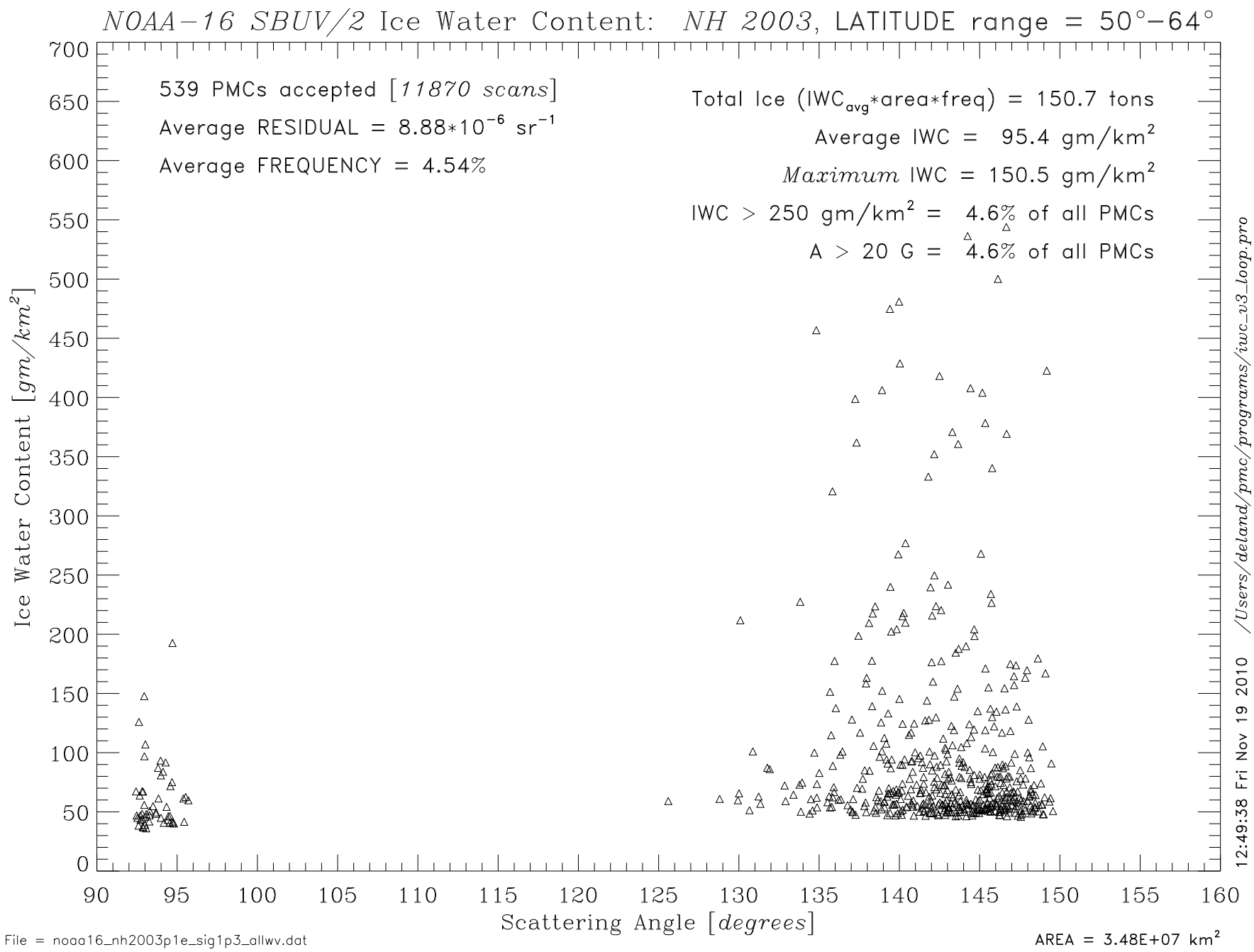
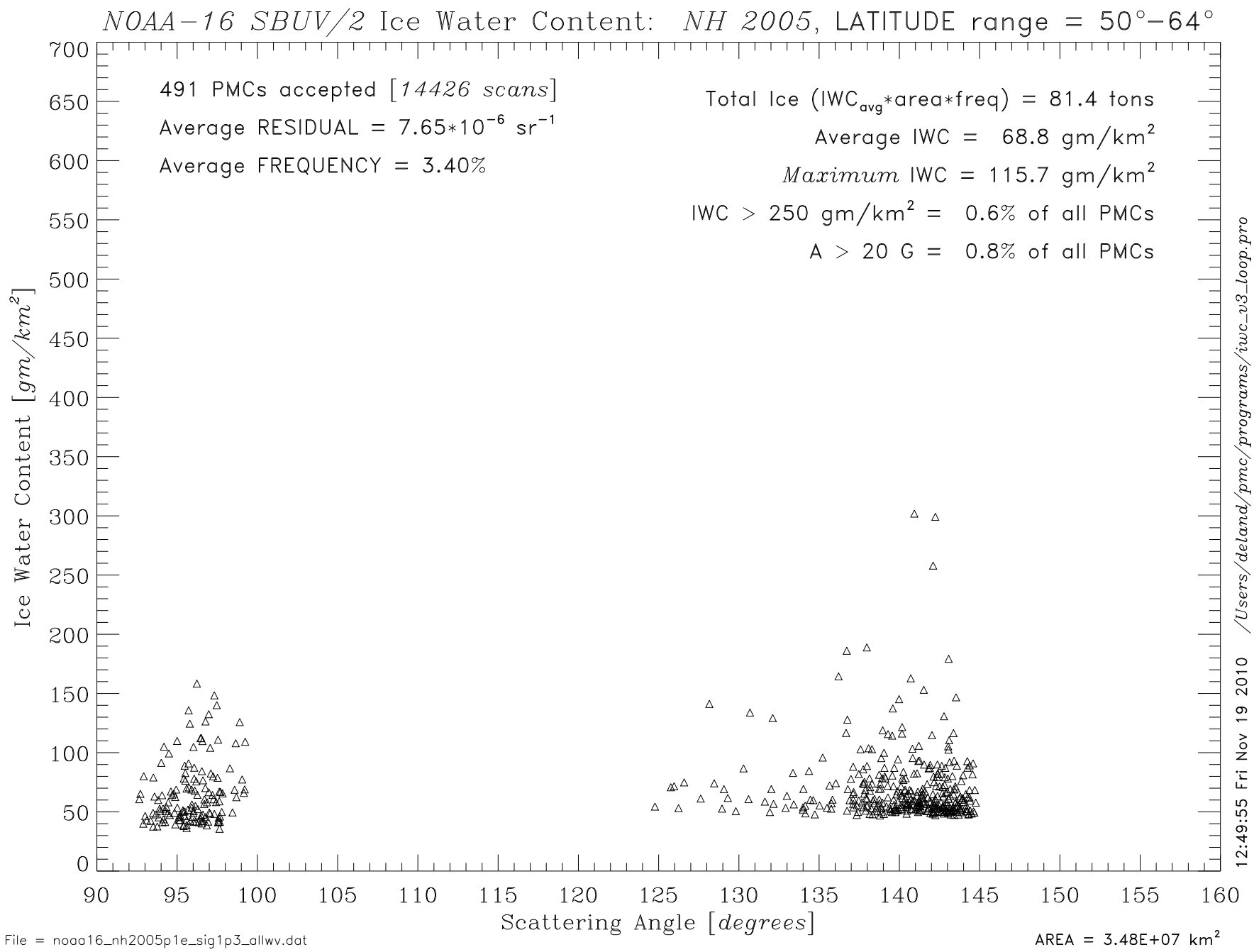
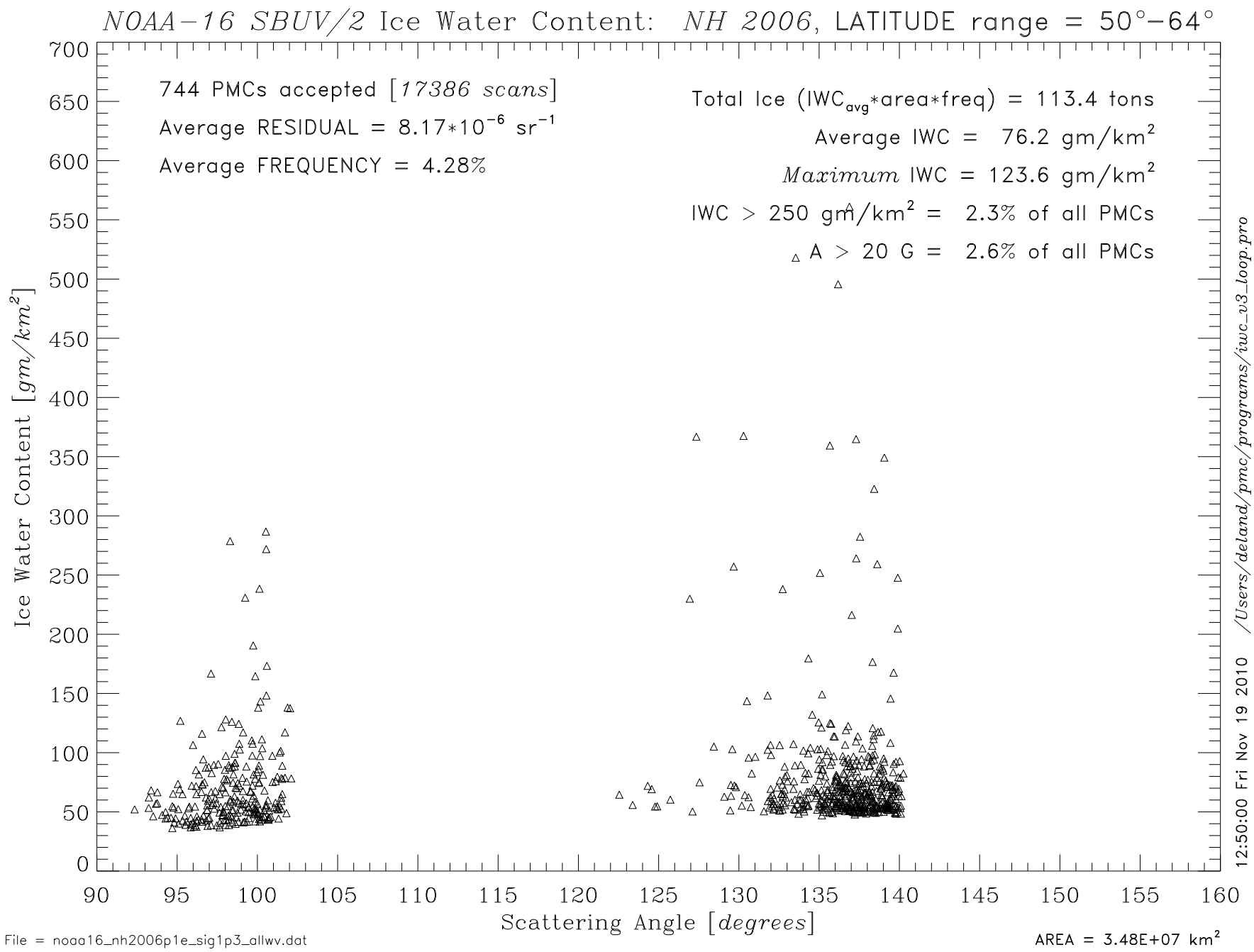
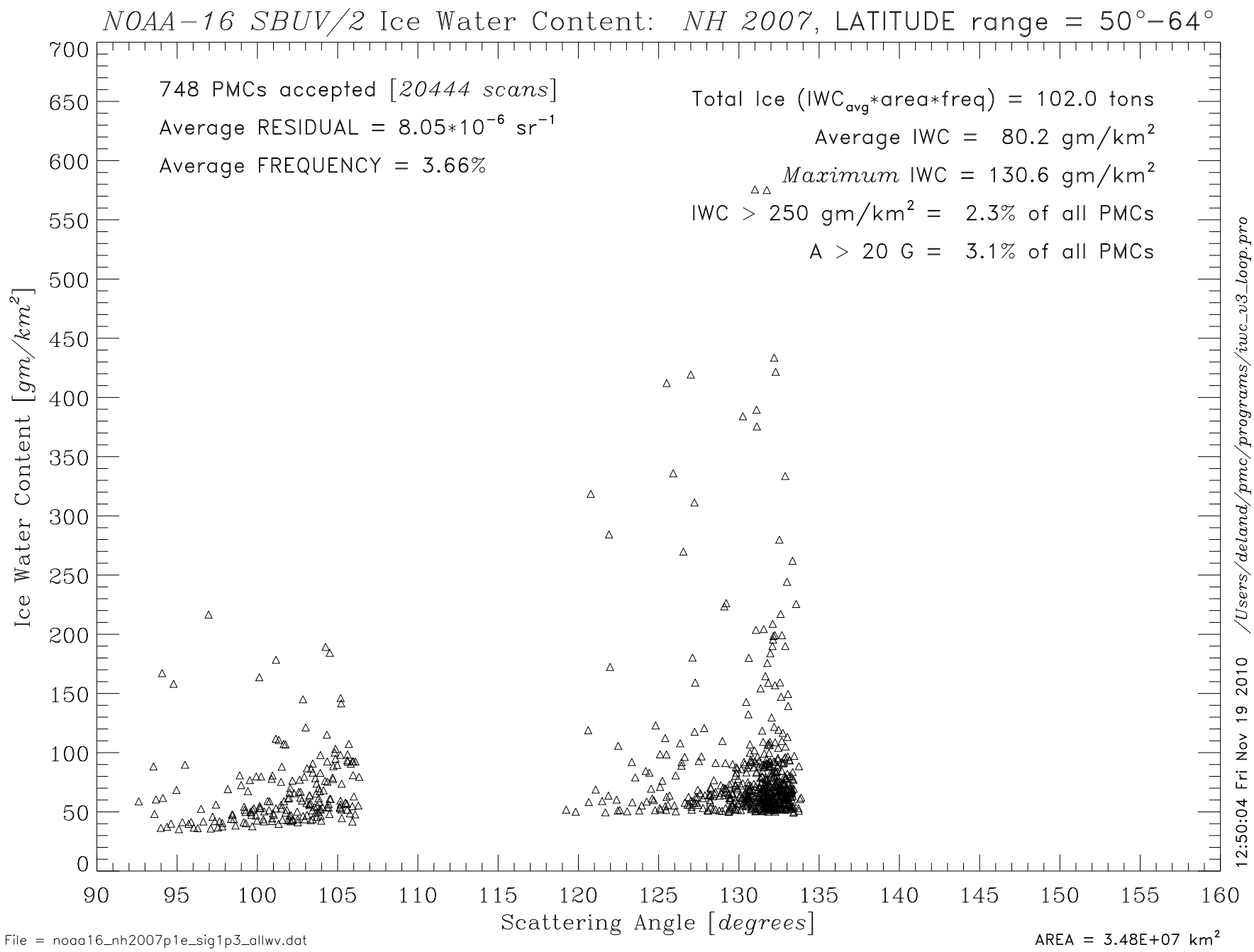
160
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:49:34 Fri Nov 19 2010
File = noaa16_nh2002p1e_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: NH 2003, LATITUDE range = 50°−64°
539 PMCs accepted [11870 scans]
Average RESIDUAL = 8.88*10^-6 sr^-1
Average FREQUENCY = 4.54%
Total Ice (IWC_avg*area*freq) = 150.7 tons
Average IWC = 95.4 gm/km^2
Maximum IWC = 150.5 gm/km^2
IWC > 250 gm/km^2 = 4.6% of all PMCs
A > 20 G = 4.6% 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
12:49:38 Fri Nov 19 2010
File = noaa16_nh2003p1e_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: NH 2005, LATITUDE range = 50°−64°
491 PMCs accepted [14426 scans]
Average RESIDUAL = 7.65*10^-6 sr^-1
Average FREQUENCY = 3.40%
Total Ice (IWC_avg*area*freq) = 81.4 tons
Average IWC = 68.8 gm/km^2
Maximum IWC = 115.7 gm/km^2
IWC > 250 gm/km^2 = 0.6% of all PMCs
A > 20 G = 0.8% 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
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:49:55 Fri Nov 19 2010
File = noaa16_nh2005p1e_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: NH 2006, LATITUDE range = 50°−64°
744 PMCs accepted [17386 scans]
Average RESIDUAL = 8.17*10^-6 sr^-1
Average FREQUENCY = 4.28%
Total Ice (IWC_avg*area*freq) = 113.4 tons
Average IWC = 76.2 gm/km^2
Maximum IWC = 123.6 gm/km^2
IWC > 250 gm/km^2 = 2.3% of all PMCs
A > 20 G = 2.6% 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
12:50:00 Fri Nov 19 2010
File = noaa16_nh2006p1e_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: NH 2007, LATITUDE range = 50°−64°
748 PMCs accepted [20444 scans]
Average RESIDUAL = 8.05*10^-6 sr^-1
Average FREQUENCY = 3.66%
Total Ice (IWC_avg*area*freq) = 102.0 tons
Average IWC = 80.2 gm/km^2
Maximum IWC = 130.6 gm/km^2
IWC > 250 gm/km^2 = 2.3% of all PMCs
A > 20 G = 3.1% 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
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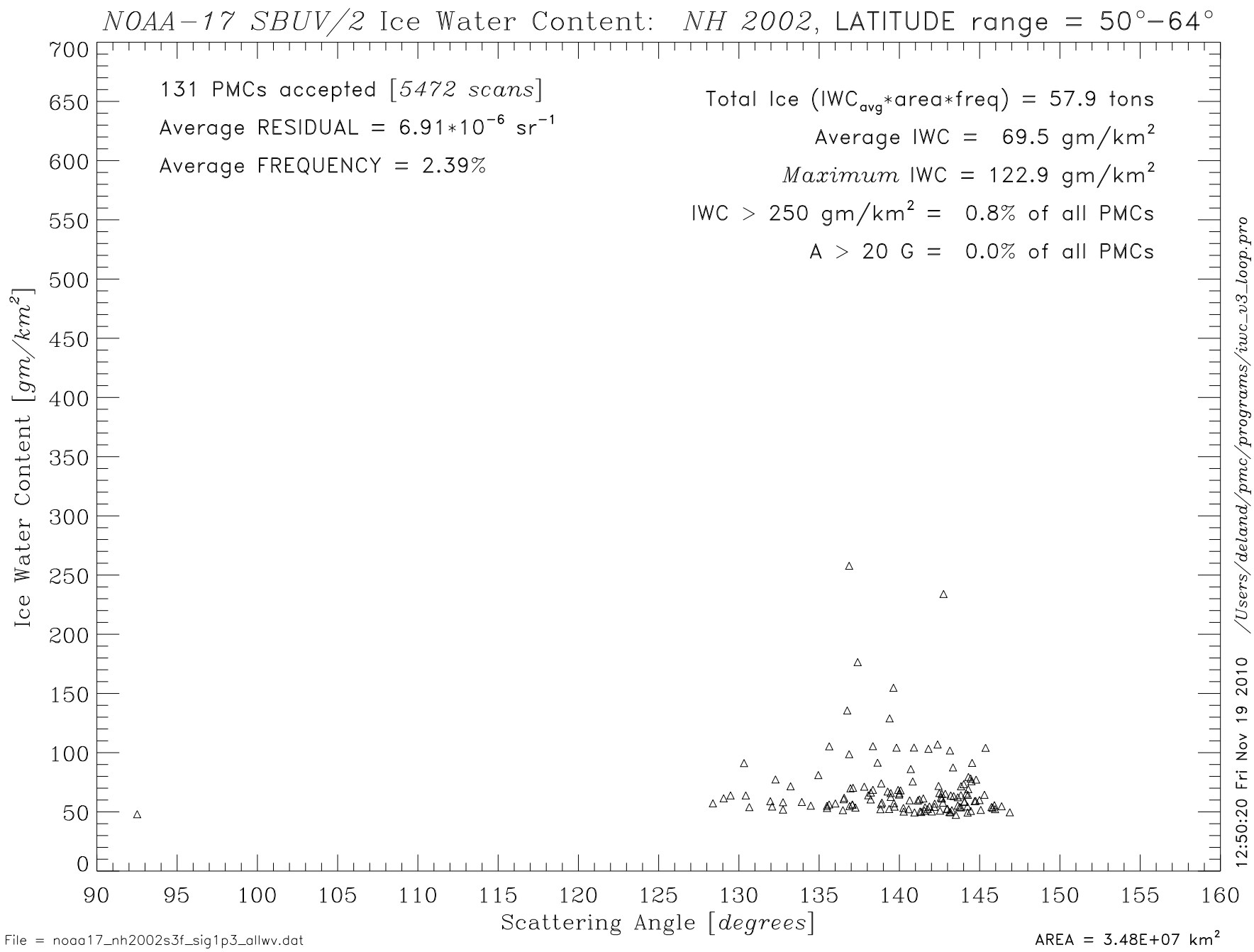
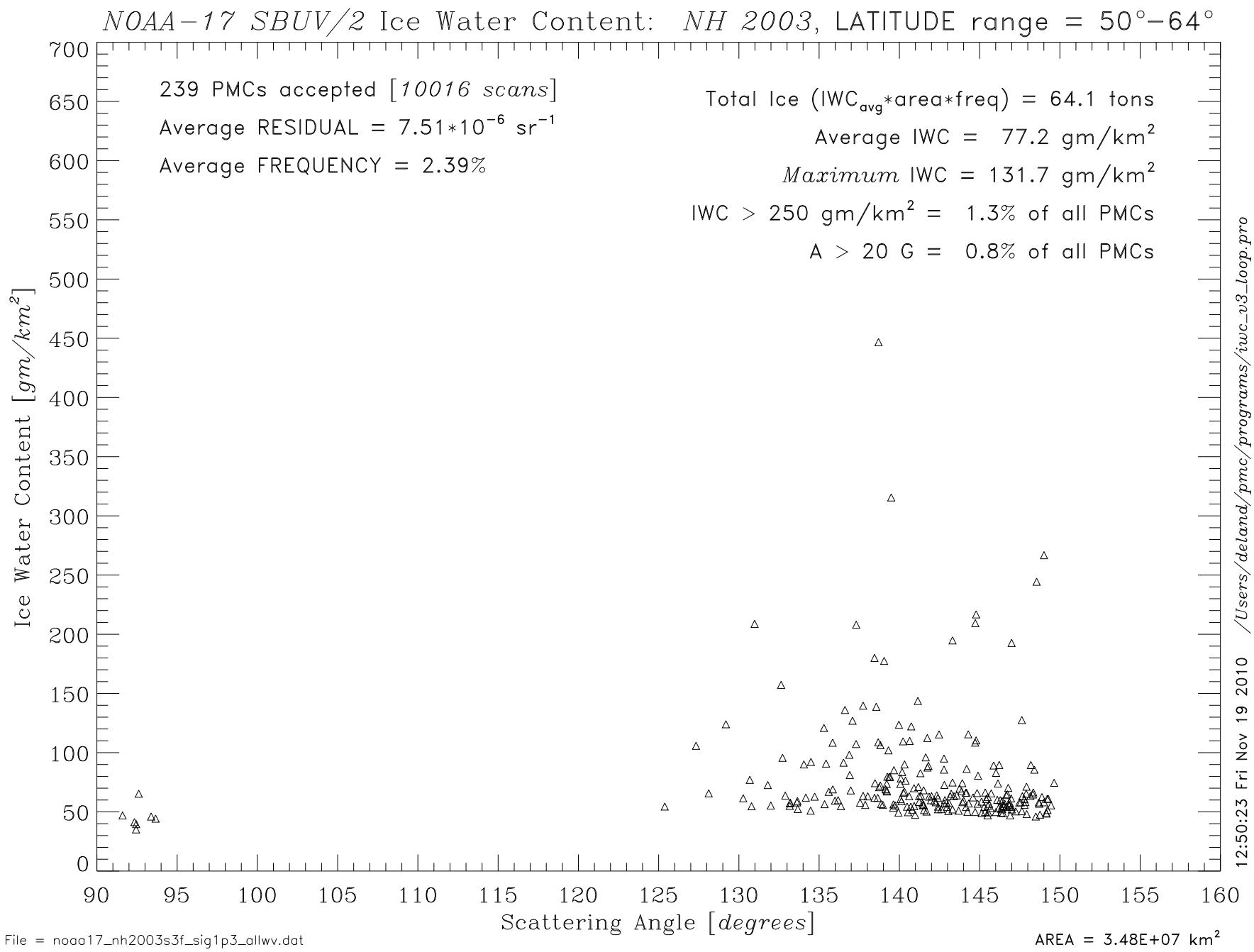
155
160
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:50:04 Fri Nov 19 2010
File = noaa16_nh2007p1e_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2002, LATITUDE range = 50°−64°
131 PMCs accepted [5472 scans]
Average RESIDUAL = 6.91*10^-6 sr^-1
Average FREQUENCY = 2.39%
Total Ice (IWC_avg*area*freq) = 57.9 tons
Average IWC = 69.5 gm/km^2
Maximum IWC = 122.9 gm/km^2
IWC > 250 gm/km^2 = 0.8% of all PMCs
A > 20 G = 0.0% 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
12:50:20 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2002s3f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2003, LATITUDE range = 50°−64°
239 PMCs accepted [10016 scans]
Average RESIDUAL = 7.51*10^-6 sr^-1
Average FREQUENCY = 2.39%
Total Ice (IWC_avg*area*freq) = 64.1 tons
Average IWC = 77.2 gm/km^2
Maximum IWC = 131.7 gm/km^2
IWC > 250 gm/km^2 = 1.3% of all PMCs
A > 20 G = 0.8% 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
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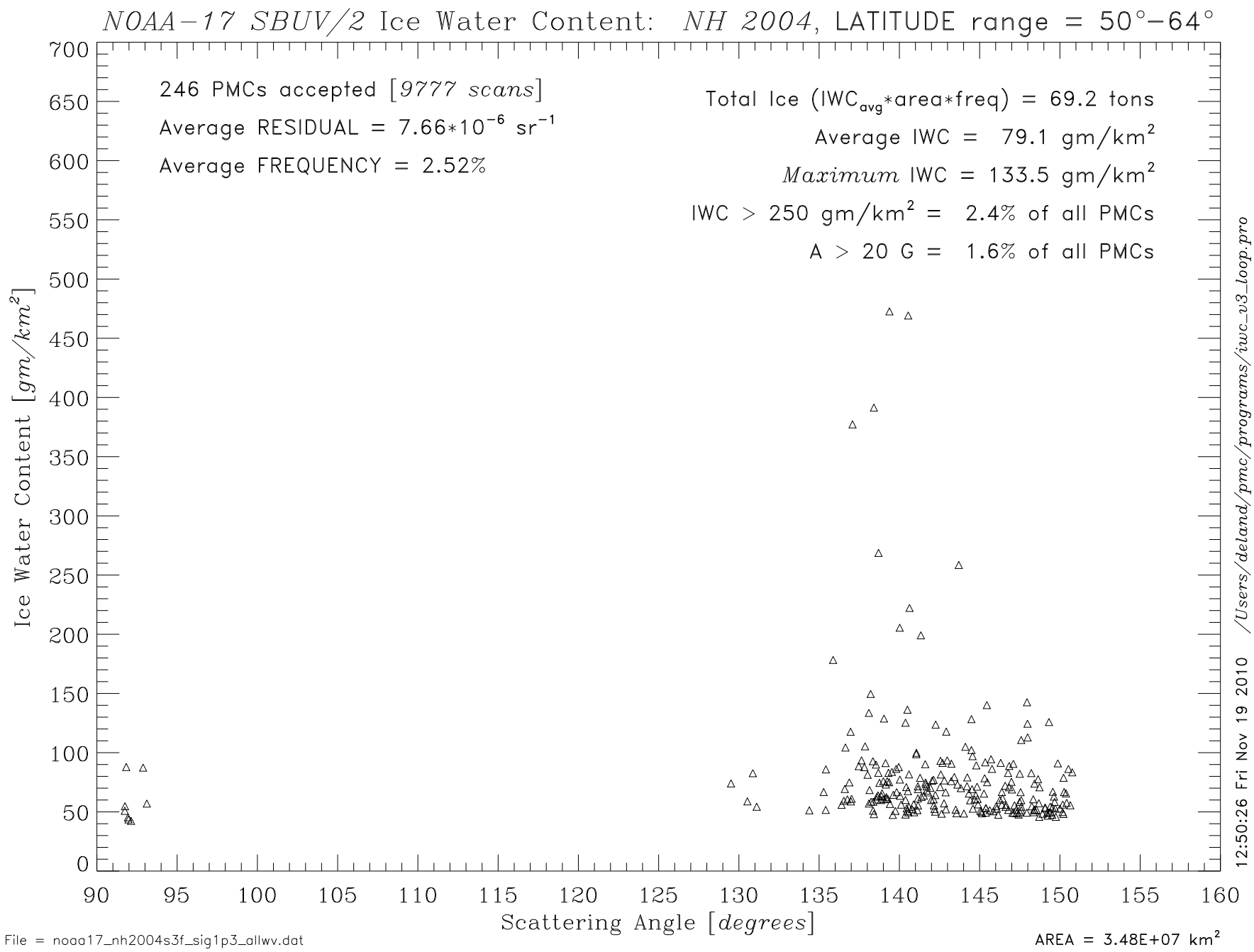
145
150
155
160
12:50:23 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2003s3f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2004, LATITUDE range = 50°−64°
246 PMCs accepted [9777 scans]
Average RESIDUAL = 7.66*10^-6 sr^-1
Average FREQUENCY = 2.52%
Total Ice (IWC_avg*area*freq) = 69.2 tons
Average IWC = 79.1 gm/km^2
Maximum IWC = 133.5 gm/km^2
IWC > 250 gm/km^2 = 2.4% of all PMCs
A > 20 G = 1.6% 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
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125
130
135
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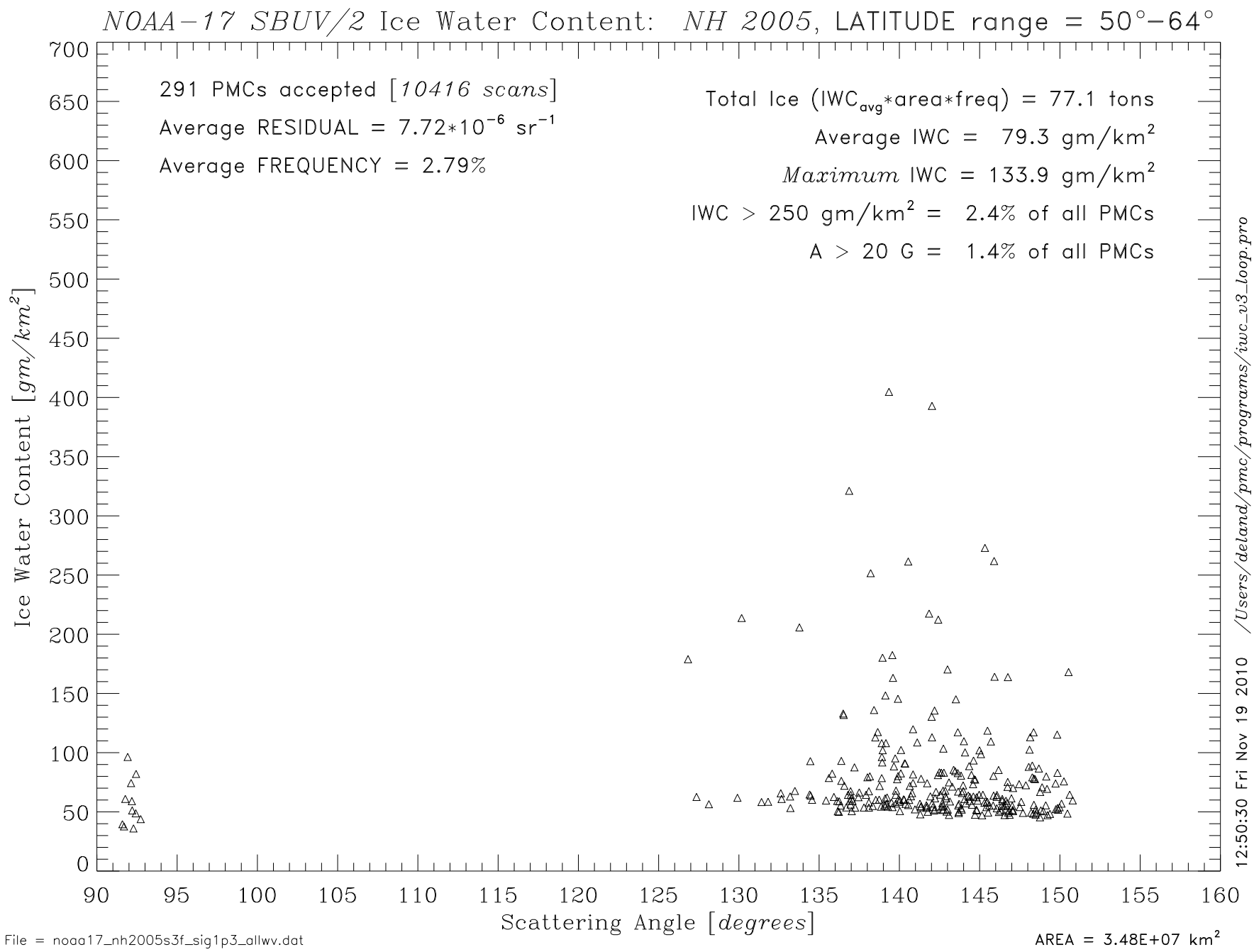
150
155
160
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:50:26 Fri Nov 19 2010
File = noaa17_nh2004s3f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2005, LATITUDE range = 50°−64°
291 PMCs accepted [10416 scans]
Average RESIDUAL = 7.72*10^-6 sr^-1
Average FREQUENCY = 2.79%
Total Ice (IWC_avg*area*freq) = 77.1 tons
Average IWC = 79.3 gm/km^2
Maximum IWC = 133.9 gm/km^2
IWC > 250 gm/km^2 = 2.4% 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
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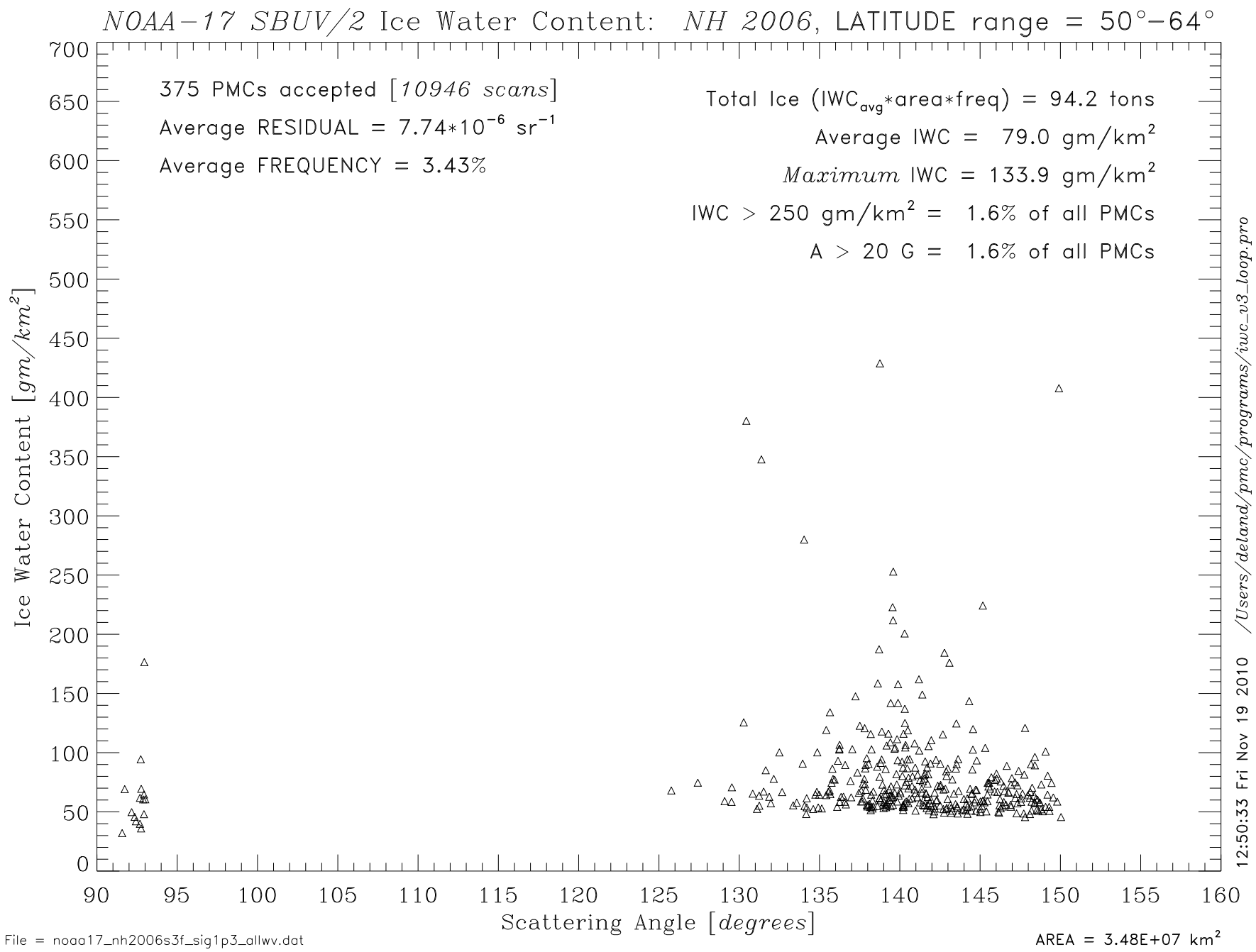
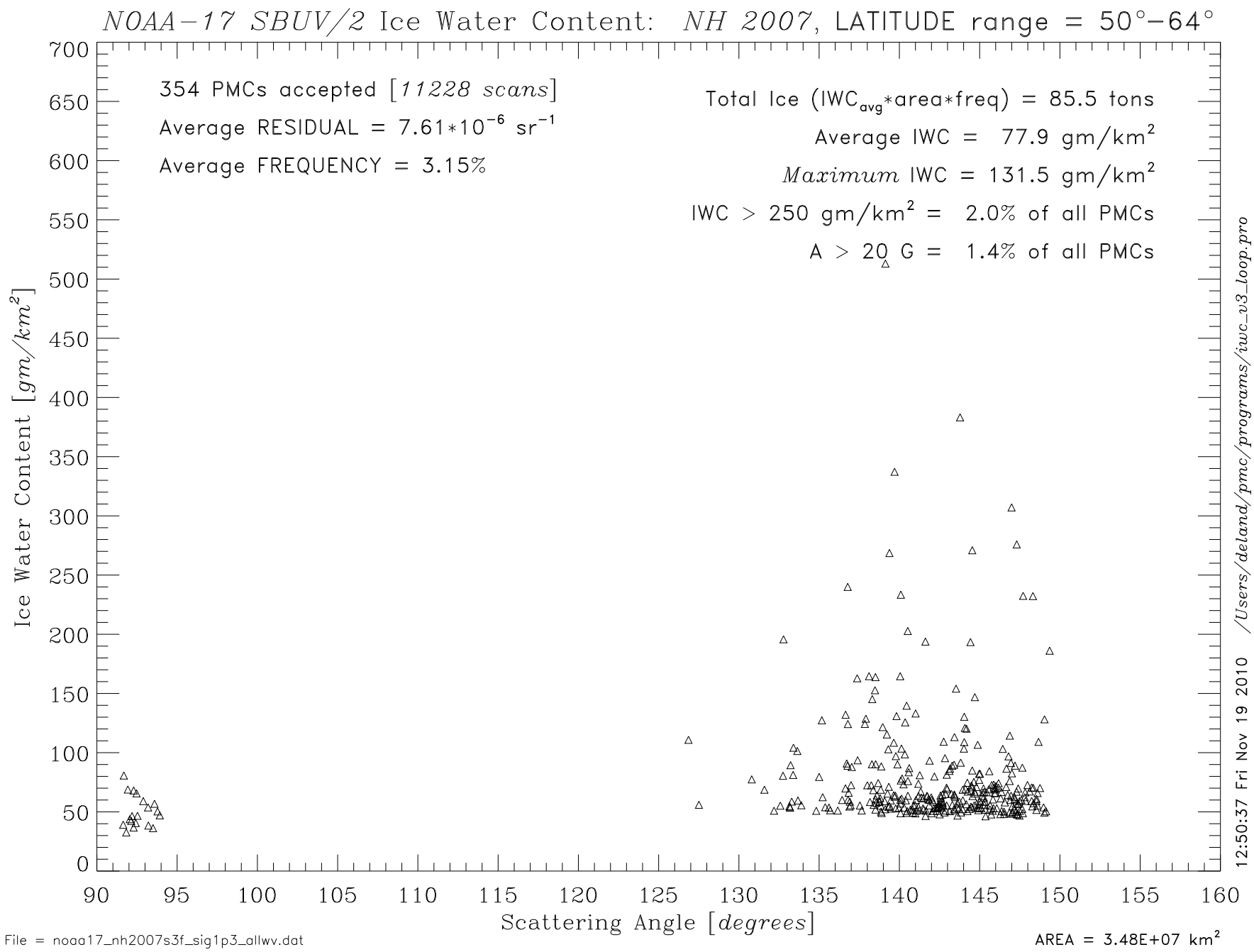
160
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:50:30 Fri Nov 19 2010
File = noaa17_nh2005s3f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2006, LATITUDE range = 50°−64°
375 PMCs accepted [10946 scans]
Average RESIDUAL = 7.74*10^-6 sr^-1
Average FREQUENCY = 3.43%
Total Ice (IWC_avg*area*freq) = 94.2 tons
Average IWC = 79.0 gm/km^2
Maximum IWC = 133.9 gm/km^2
IWC > 250 gm/km^2 = 1.6% of all PMCs
A > 20 G = 1.6% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:50:33 Fri Nov 19 2010
File = noaa17_nh2006s3f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2007, LATITUDE range = 50°−64°
354 PMCs accepted [11228 scans]
Average RESIDUAL = 7.61*10^-6 sr^-1
Average FREQUENCY = 3.15%
Total Ice (IWC_avg*area*freq) = 85.5 tons
Average IWC = 77.9 gm/km^2
Maximum IWC = 131.5 gm/km^2
IWC > 250 gm/km^2 = 2.0% 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
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95
100
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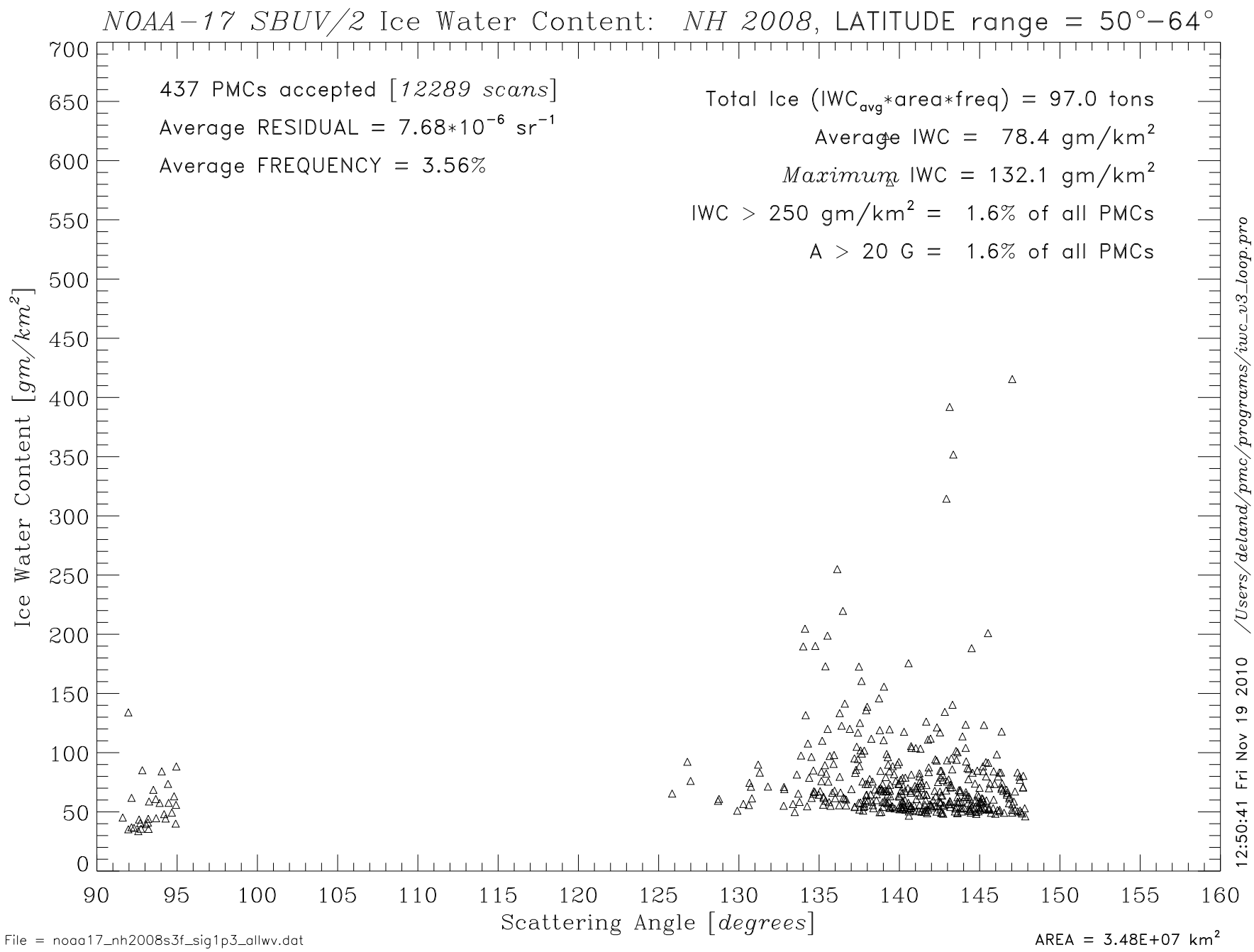
160
12:50:37 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2007s3f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2008, LATITUDE range = 50°−64°
437 PMCs accepted [12289 scans]
Average RESIDUAL = 7.68*10^-6 sr^-1
Average FREQUENCY = 3.56%
Total Ice (IWC_avg*area*freq) = 97.0 tons
Average IWC = 78.4 gm/km^2
Maximum IWC = 132.1 gm/km^2
IWC > 250 gm/km^2 = 1.6% of all PMCs
A > 20 G = 1.6% 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
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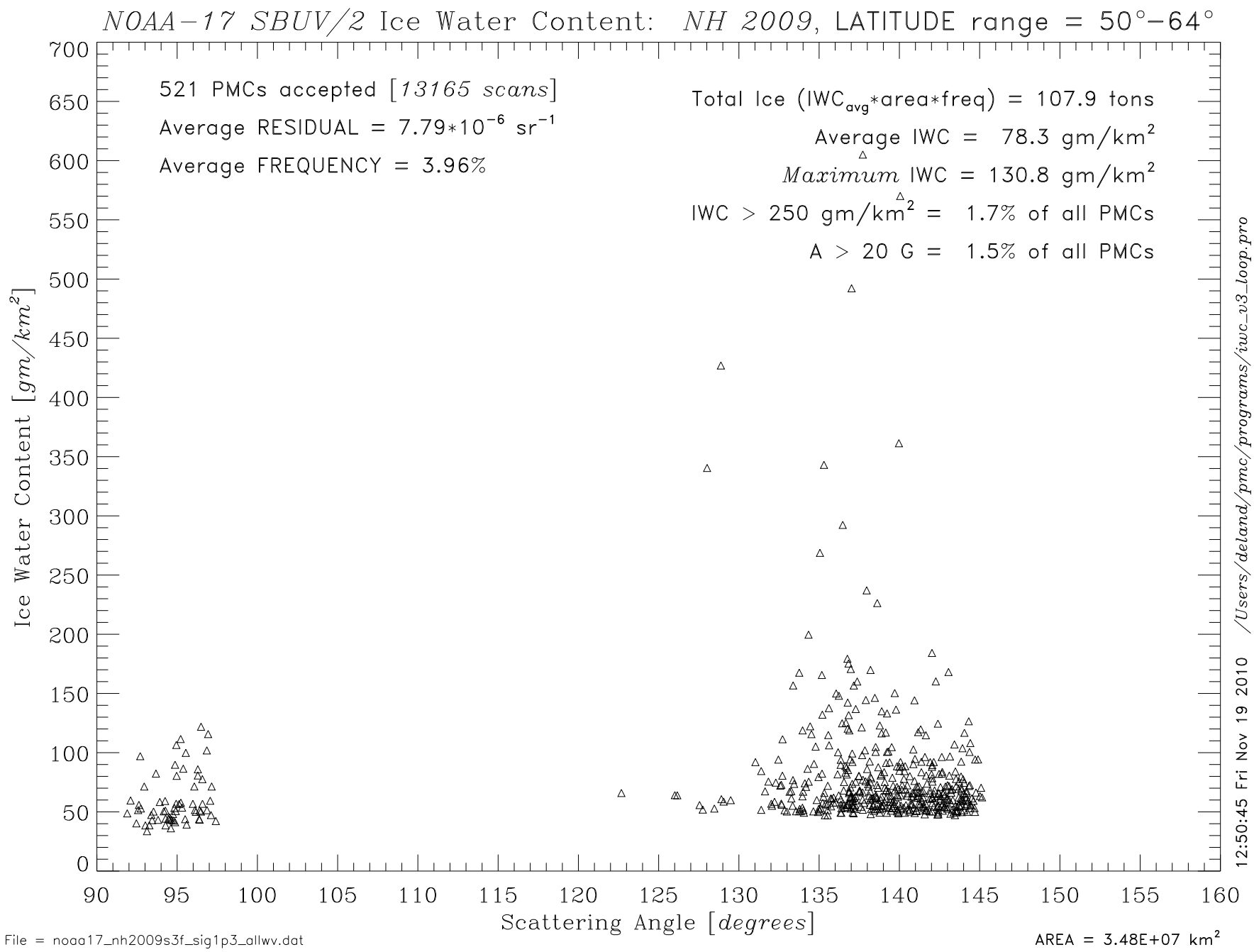
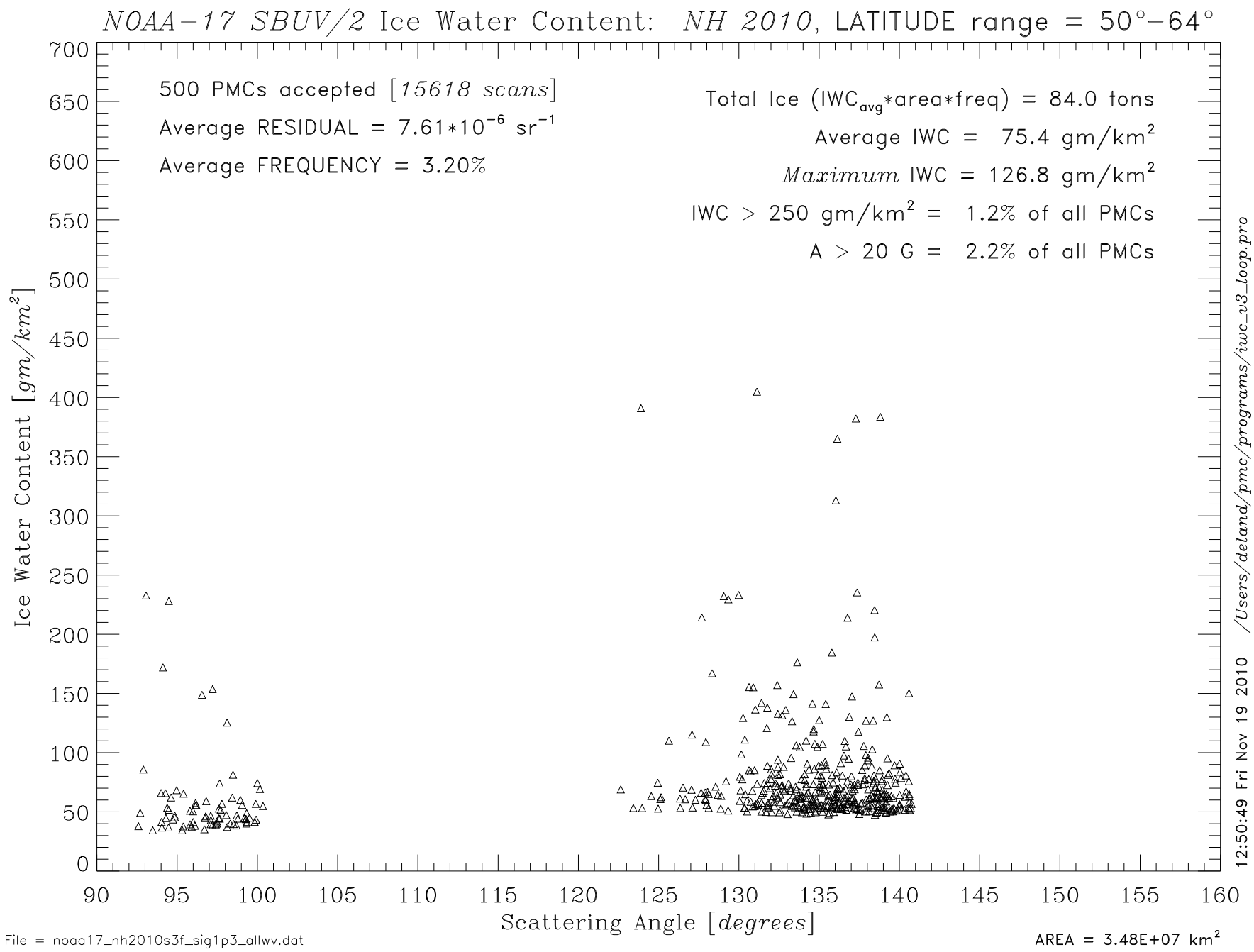
160
12:50:41 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2008s3f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2009, LATITUDE range = 50°−64°
521 PMCs accepted [13165 scans]
Average RESIDUAL = 7.79*10^-6 sr^-1
Average FREQUENCY = 3.96%
Total Ice (IWC_avg*area*freq) = 107.9 tons
Average IWC = 78.3 gm/km^2
Maximum IWC = 130.8 gm/km^2
IWC > 250 gm/km^2 = 1.7% 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
12:50:45 Fri Nov 19 2010
File = noaa17_nh2009s3f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: NH 2010, LATITUDE range = 50°−64°
500 PMCs accepted [15618 scans]
Average RESIDUAL = 7.61*10^-6 sr^-1
Average FREQUENCY = 3.20%
Total Ice (IWC_avg*area*freq) = 84.0 tons
Average IWC = 75.4 gm/km^2
Maximum IWC = 126.8 gm/km^2
IWC > 250 gm/km^2 = 1.2% of all PMCs
A > 20 G = 2.2% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
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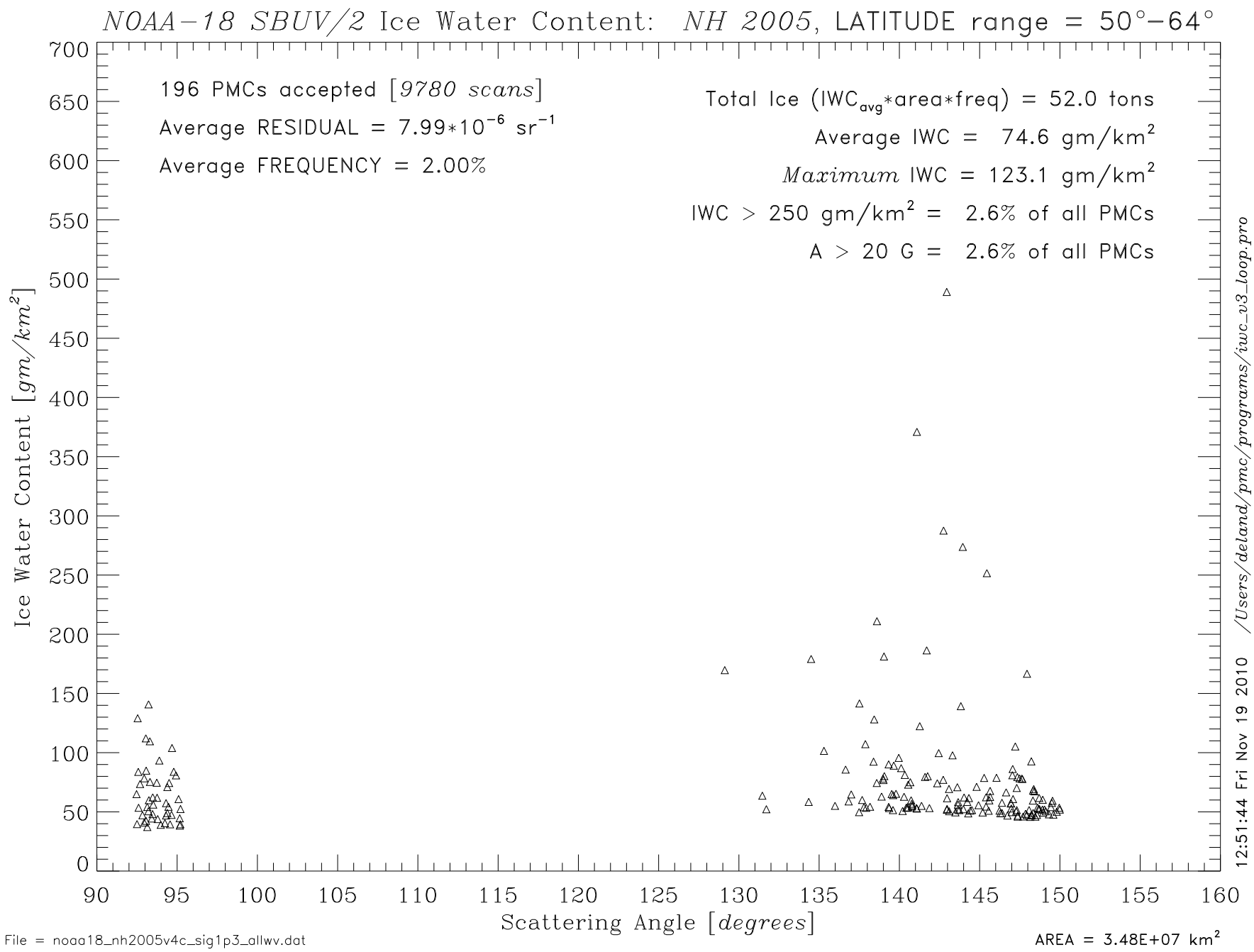
160
12:50:49 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_nh2010s3f_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: NH 2005, LATITUDE range = 50°−64°
196 PMCs accepted [9780 scans]
Average RESIDUAL = 7.99*10^-6 sr^-1
Average FREQUENCY = 2.00%
Total Ice (IWC_avg*area*freq) = 52.0 tons
Average IWC = 74.6 gm/km^2
Maximum IWC = 123.1 gm/km^2
IWC > 250 gm/km^2 = 2.6% of all PMCs
A > 20 G = 2.6% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
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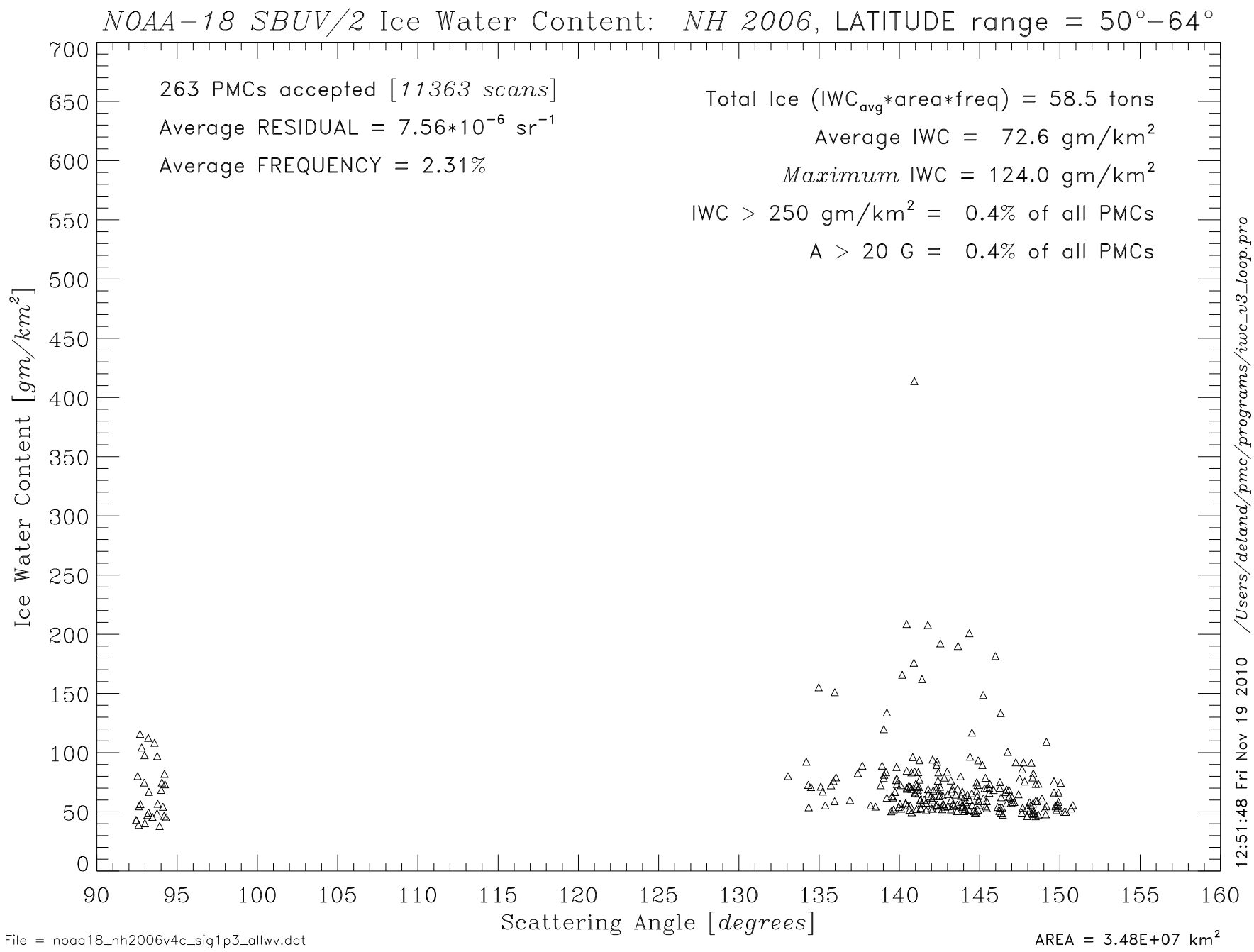
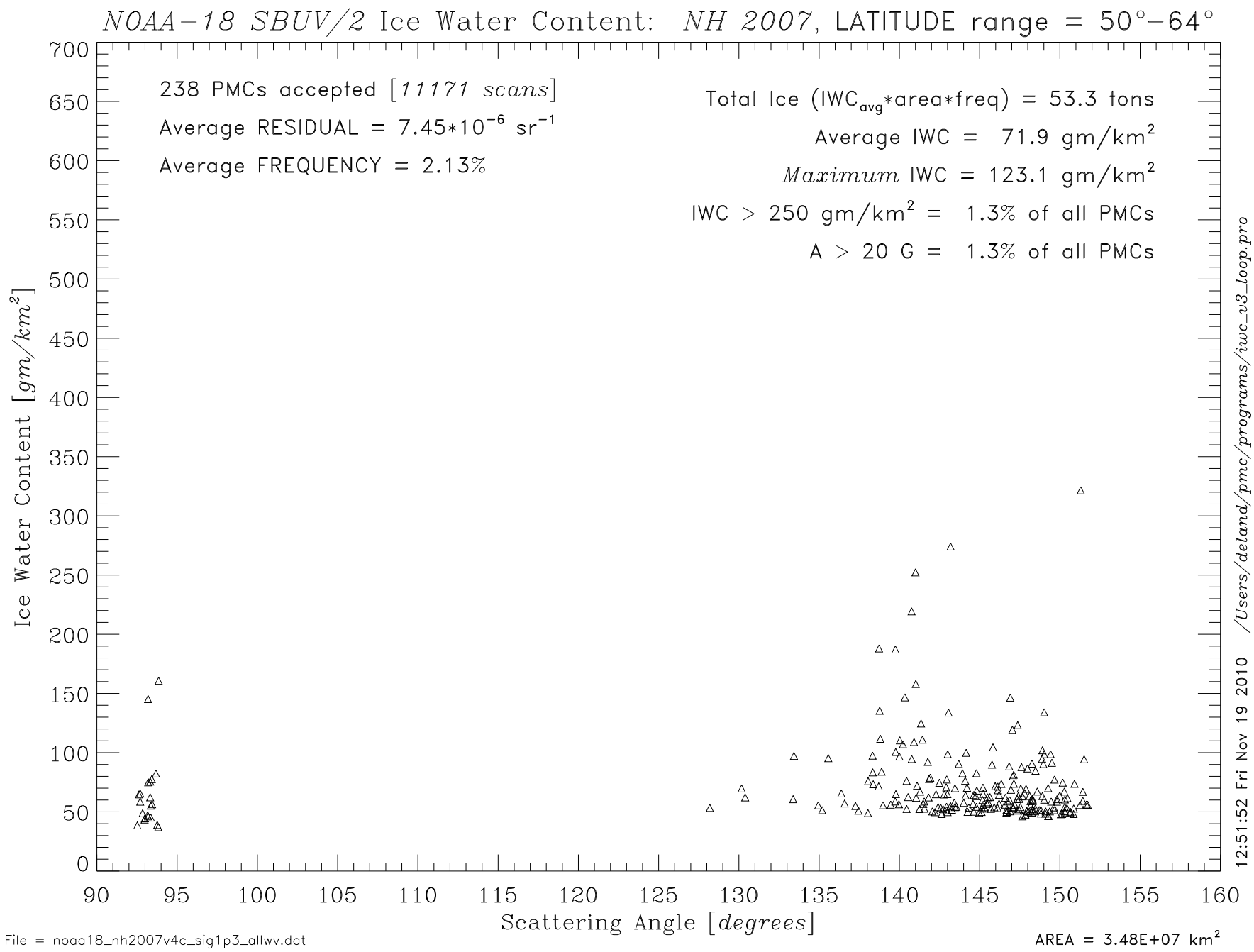
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:51:44 Fri Nov 19 2010
File = noaa18_nh2005v4c_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: NH 2006, LATITUDE range = 50°−64°
263 PMCs accepted [11363 scans]
Average RESIDUAL = 7.56*10^-6 sr^-1
Average FREQUENCY = 2.31%
Total Ice (IWC_avg*area*freq) = 58.5 tons
Average IWC = 72.6 gm/km^2
Maximum IWC = 124.0 gm/km^2
IWC > 250 gm/km^2 = 0.4% of all PMCs
A > 20 G = 0.4% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
/Users/deland/pmc/programs/iwc_v3_loop.pro
12:51:48 Fri Nov 19 2010
File = noaa18_nh2006v4c_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: NH 2007, LATITUDE range = 50°−64°
238 PMCs accepted [11171 scans]
Average RESIDUAL = 7.45*10^-6 sr^-1
Average FREQUENCY = 2.13%
Total Ice (IWC_avg*area*freq) = 53.3 tons
Average IWC = 71.9 gm/km^2
Maximum IWC = 123.1 gm/km^2
IWC > 250 gm/km^2 = 1.3% of all PMCs
A > 20 G = 1.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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50
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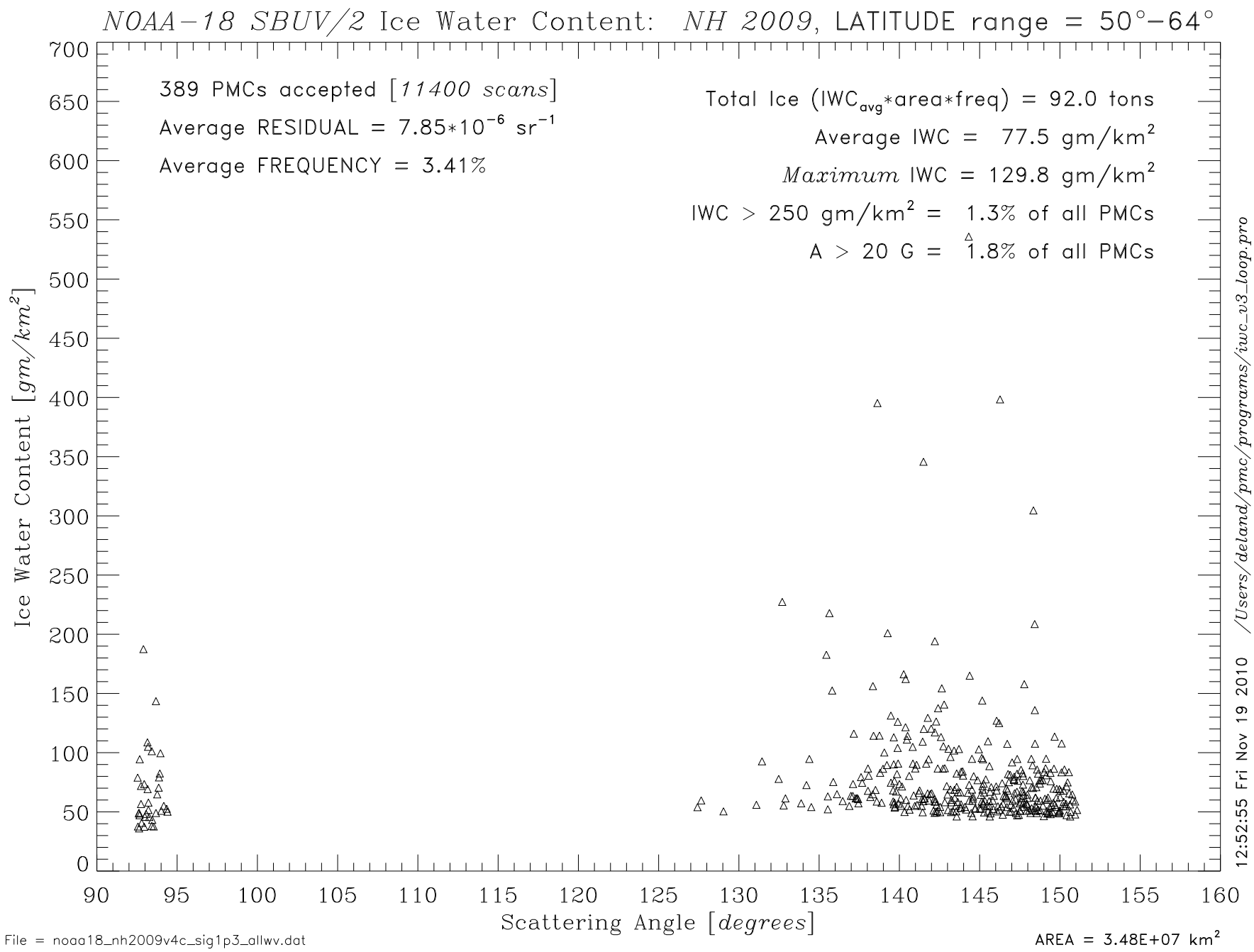
12:51:52 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_nh2007v4c_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: NH 2009, LATITUDE range = 50°−64°
389 PMCs accepted [11400 scans]
Average RESIDUAL = 7.85*10^-6 sr^-1
Average FREQUENCY = 3.41%
Total Ice (IWC_avg*area*freq) = 92.0 tons
Average IWC = 77.5 gm/km^2
Maximum IWC = 129.8 gm/km^2
IWC > 250 gm/km^2 = 1.3% of all PMCs
A > 20 G = 1.8% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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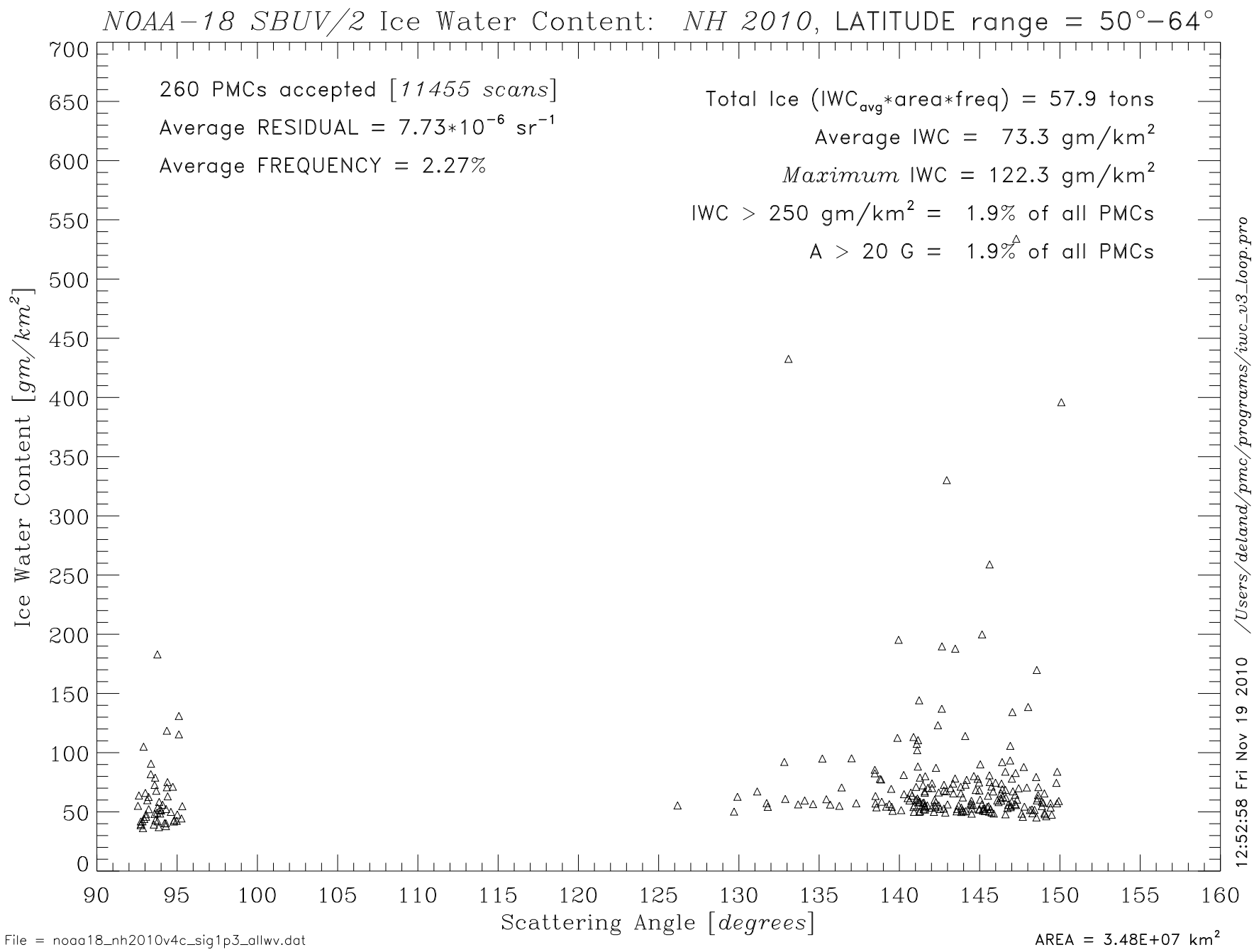
12:52:55 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_nh2009v4c_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: NH 2010, LATITUDE range = 50°−64°
260 PMCs accepted [11455 scans]
Average RESIDUAL = 7.73*10^-6 sr^-1
Average FREQUENCY = 2.27%
Total Ice (IWC_avg*area*freq) = 57.9 tons
Average IWC = 73.3 gm/km^2
Maximum IWC = 122.3 gm/km^2
IWC > 250 gm/km^2 = 1.9% of all PMCs
A > 20 G = 1.9% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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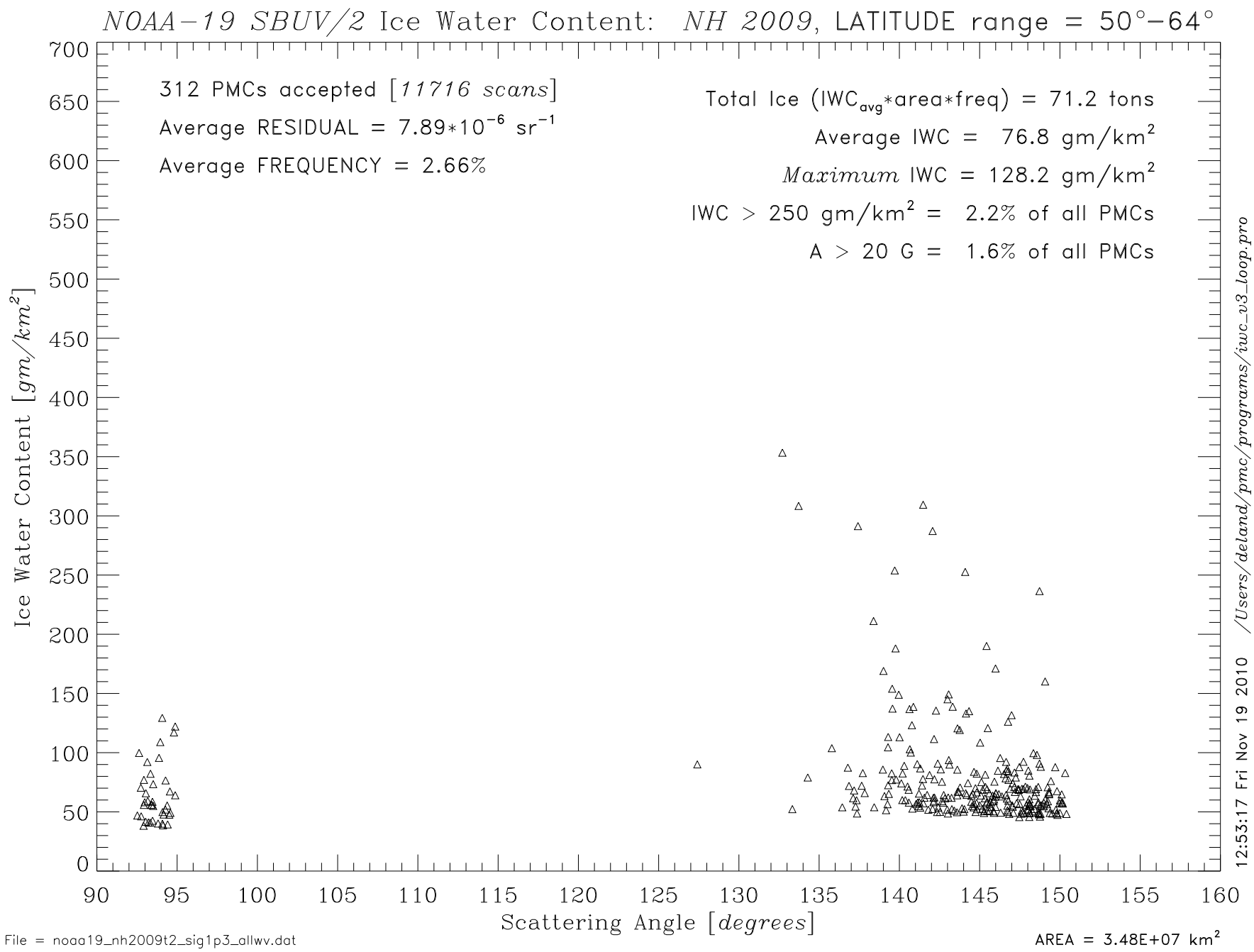
12:52:58 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_nh2010v4c_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−19 SBUV/2 Ice Water Content: NH 2009, LATITUDE range = 50°−64°
312 PMCs accepted [11716 scans]
Average RESIDUAL = 7.89*10^-6 sr^-1
Average FREQUENCY = 2.66%
Total Ice (IWC_avg*area*freq) = 71.2 tons
Average IWC = 76.8 gm/km^2
Maximum IWC = 128.2 gm/km^2
IWC > 250 gm/km^2 = 2.2% of all PMCs
A > 20 G = 1.6% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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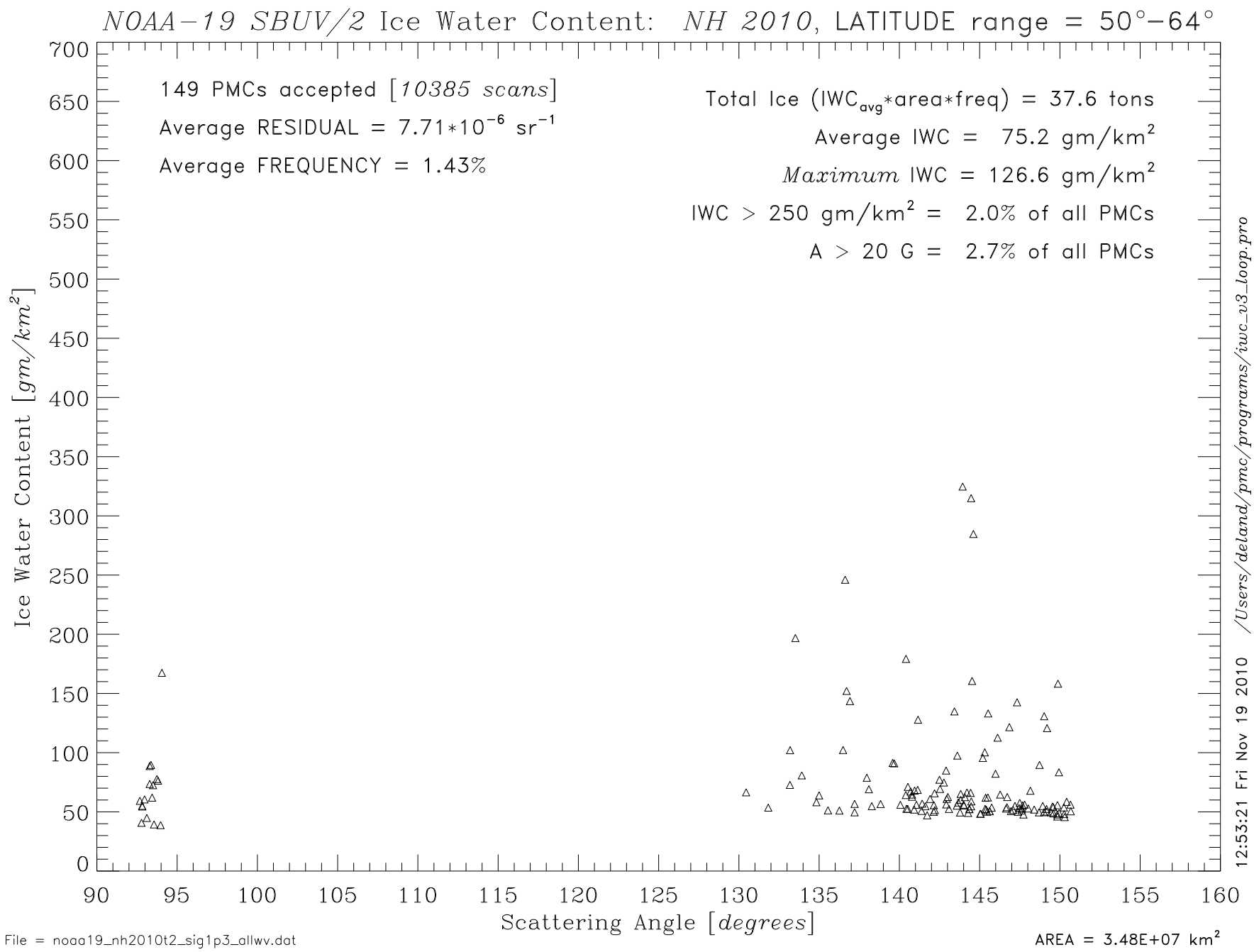
12:53:17 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa19_nh2009t2_sig1p3_allwv.dat
AREA = 3.48E+07 km^2


NOAA−19 SBUV/2 Ice Water Content: NH 2010, LATITUDE range = 50°−64°
149 PMCs accepted [10385 scans]
Average RESIDUAL = 7.71*10^-6 sr^-1
Average FREQUENCY = 1.43%
Total Ice (IWC_avg*area*freq) = 37.6 tons
Average IWC = 75.2 gm/km^2
Maximum IWC = 126.6 gm/km^2
IWC > 250 gm/km^2 = 2.0% of all PMCs
A > 20 G = 2.7% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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/Users/deland/pmc/programs/iwc_v3_loop.pro
12:53:21 Fri Nov 19 2010
File = noaa19_nh2010t2_sig1p3_allwv.dat
AREA = 3.48E+07 km^2