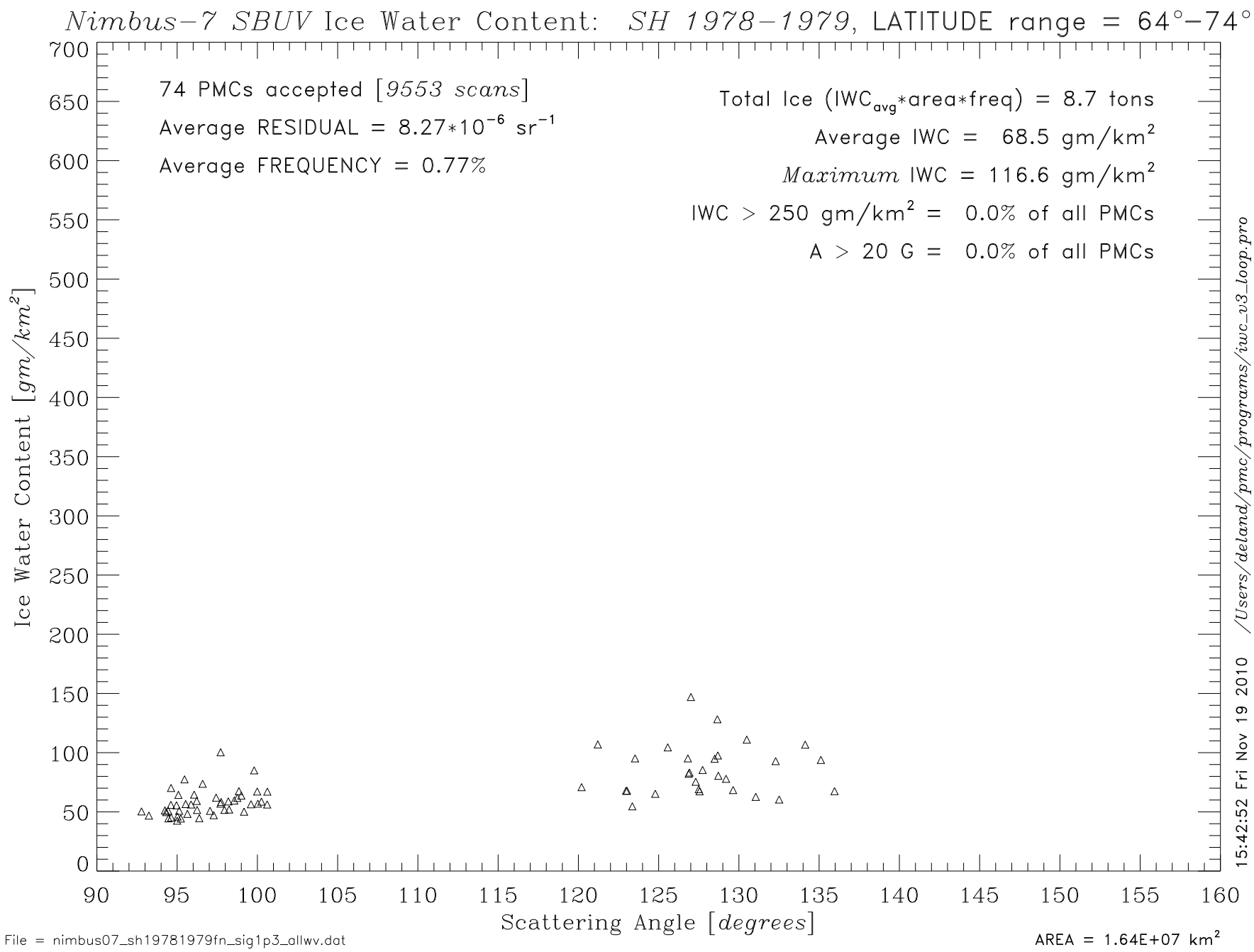
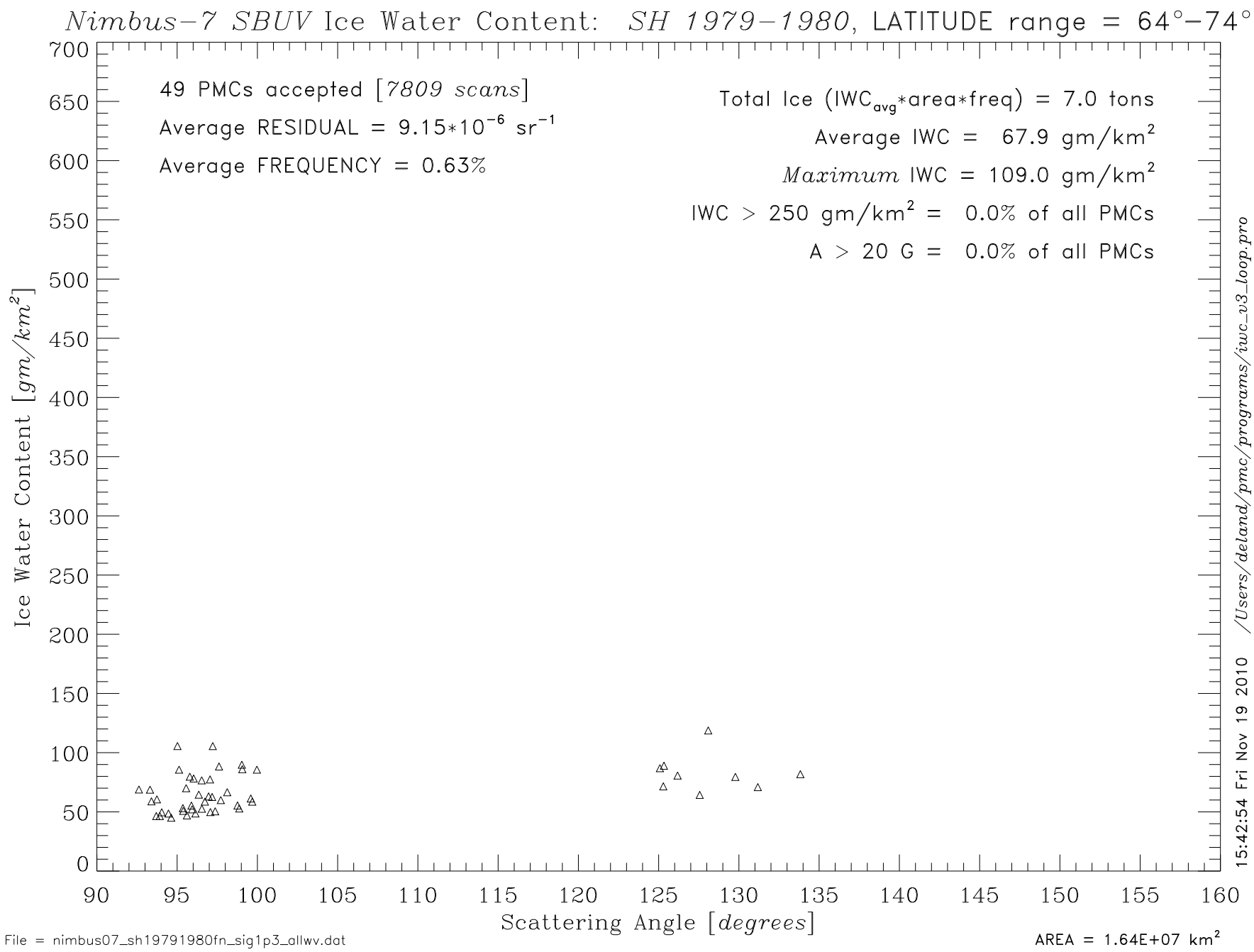
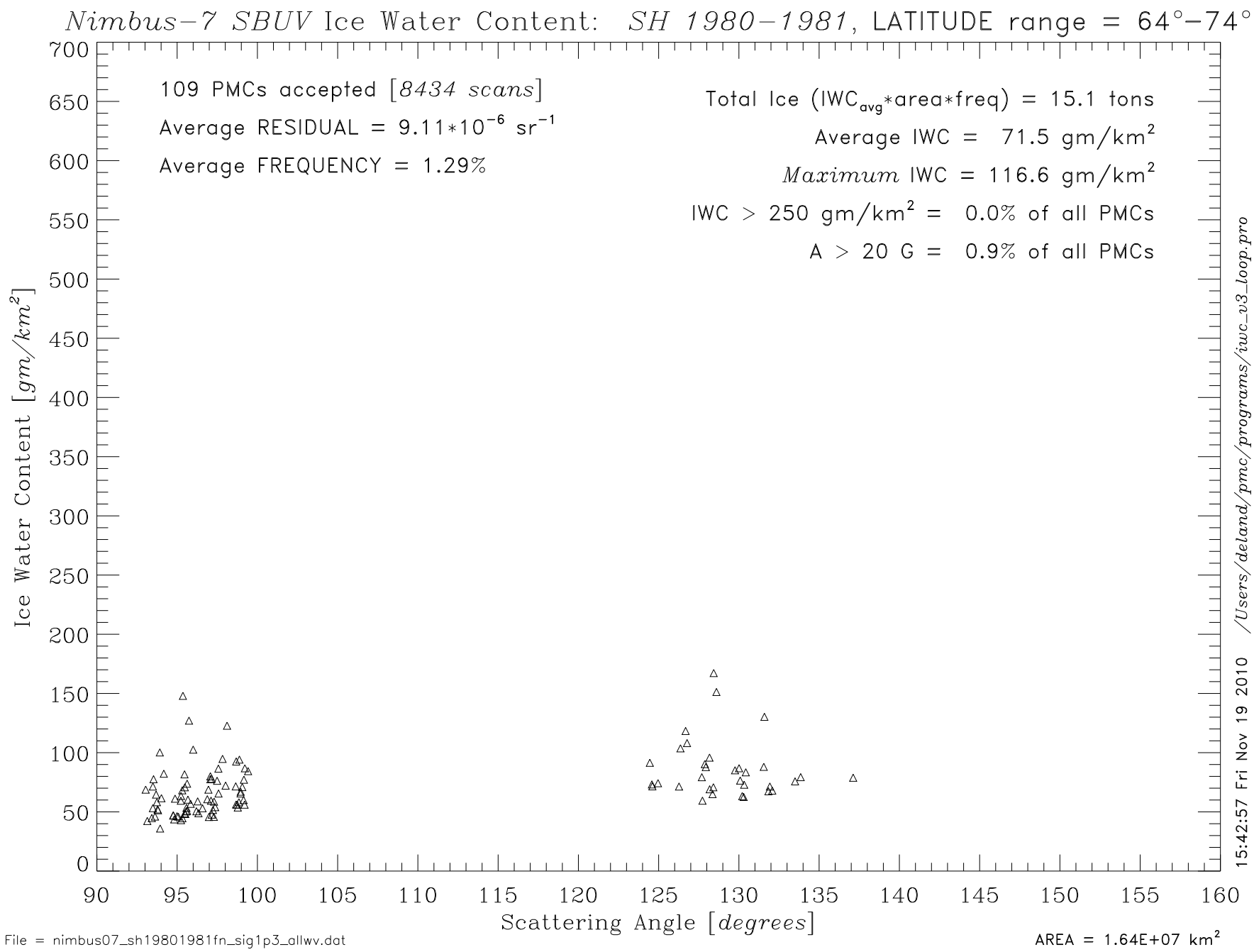
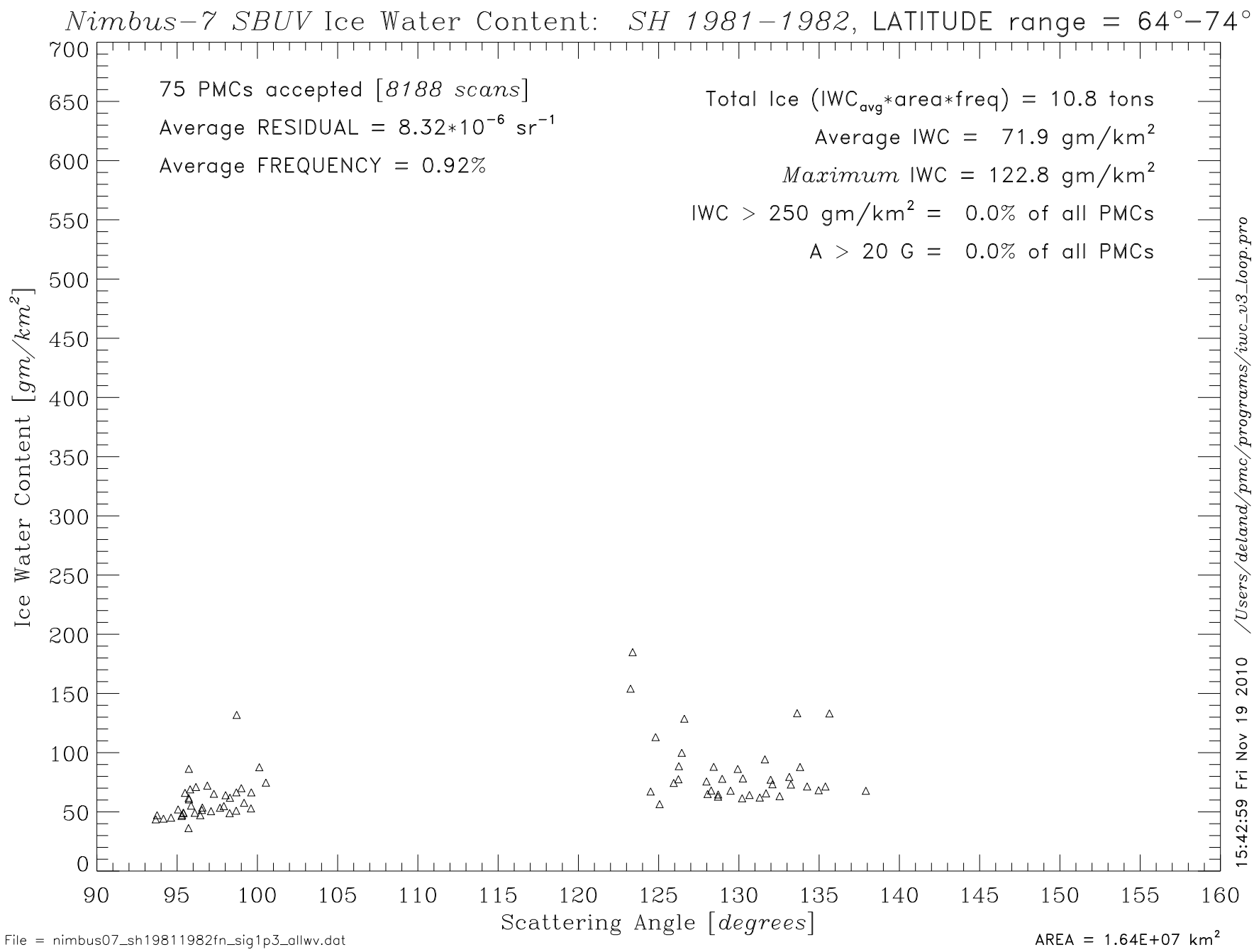
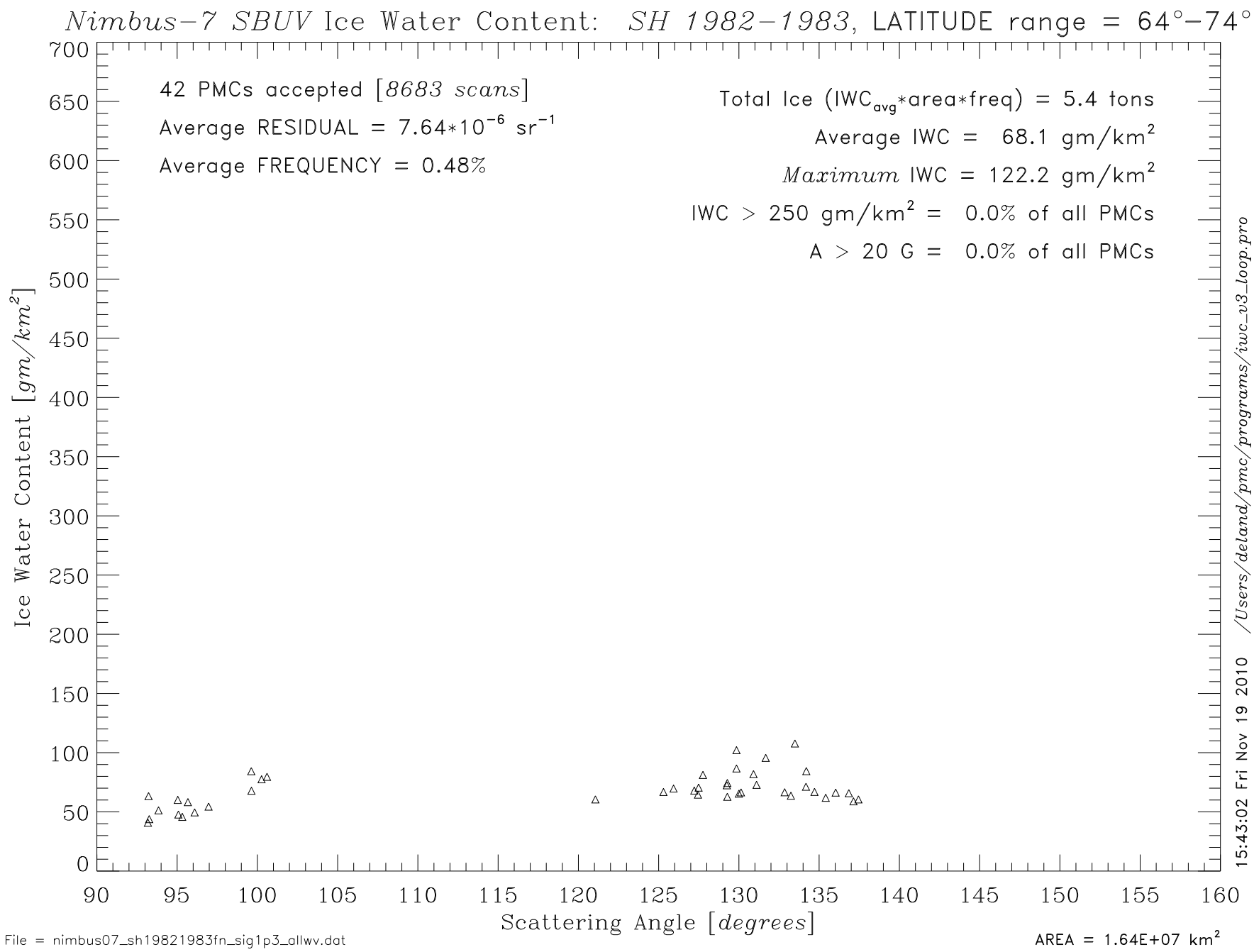
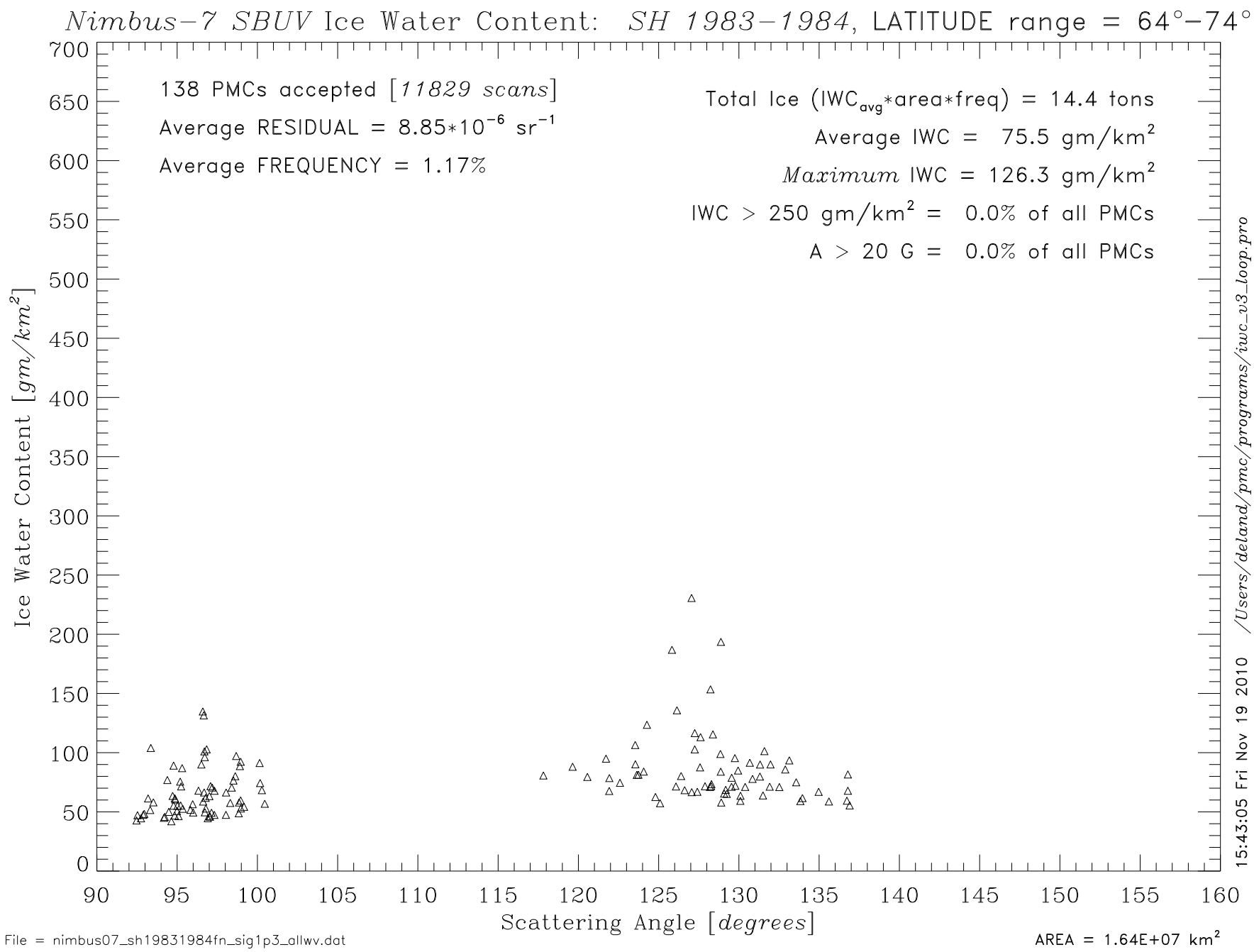

Nimbus−7 SBUV Ice Water Content: SH 1978−1979, LATITUDE range = 64°−74°
74 PMCs accepted [9553 scans]
Average RESIDUAL = 8.27*10^-6 sr^-1
Average FREQUENCY = 0.77%
Total Ice (IWC_avg*area*freq) = 8.7 tons
Average IWC = 68.5 gm/km^2
Maximum IWC = 116.6 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 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
15:42:52 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19781979fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

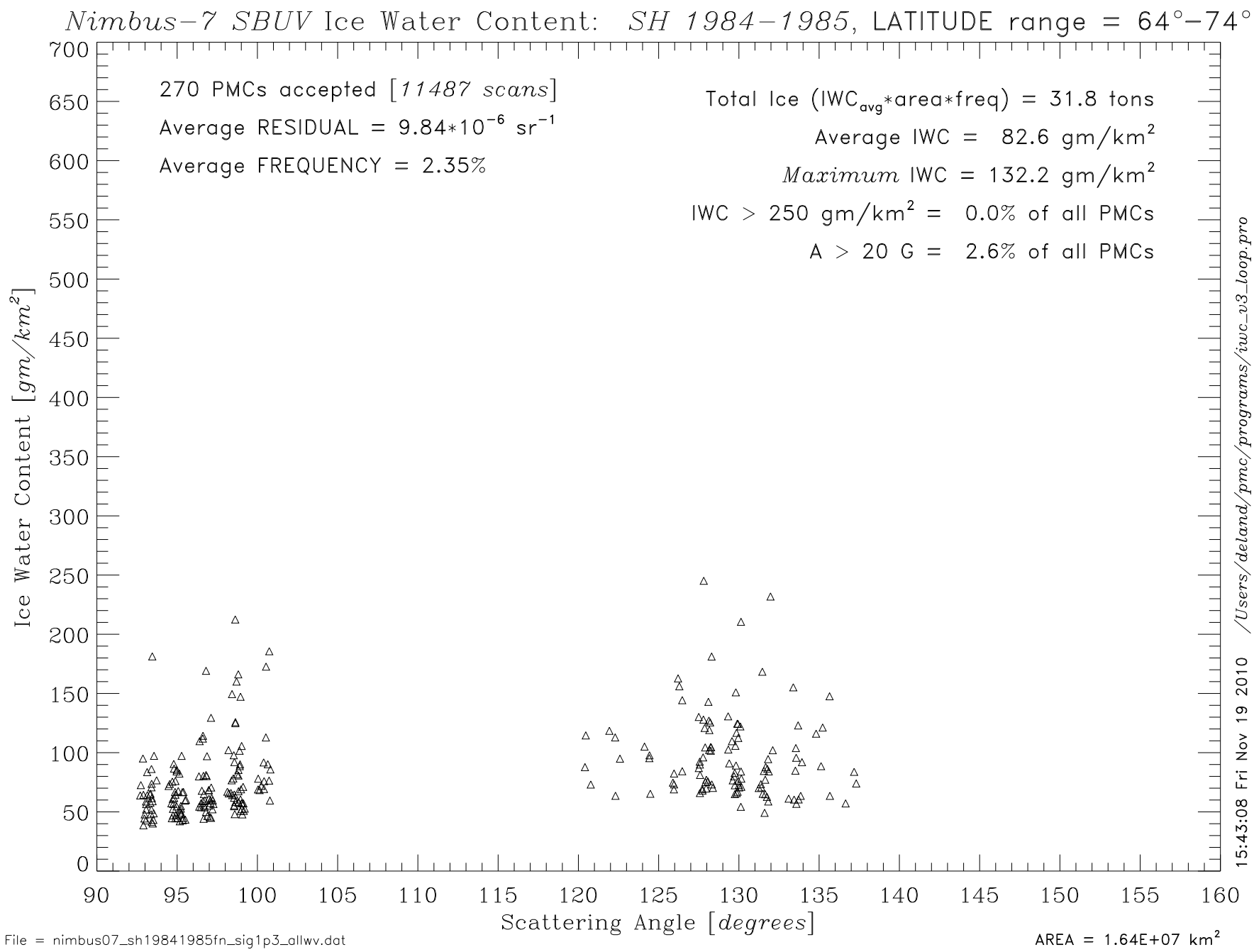

Nimbus−7 SBUV Ice Water Content: SH 1979−1980, LATITUDE range = 64°−74°
49 PMCs accepted [7809 scans]
Average RESIDUAL = 9.15*10^-6 sr^-1
Average FREQUENCY = 0.63%
Total Ice (IWC_avg*area*freq) = 7.0 tons
Average IWC = 67.9 gm/km^2
Maximum IWC = 109.0 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 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
15:42:54 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19791980fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

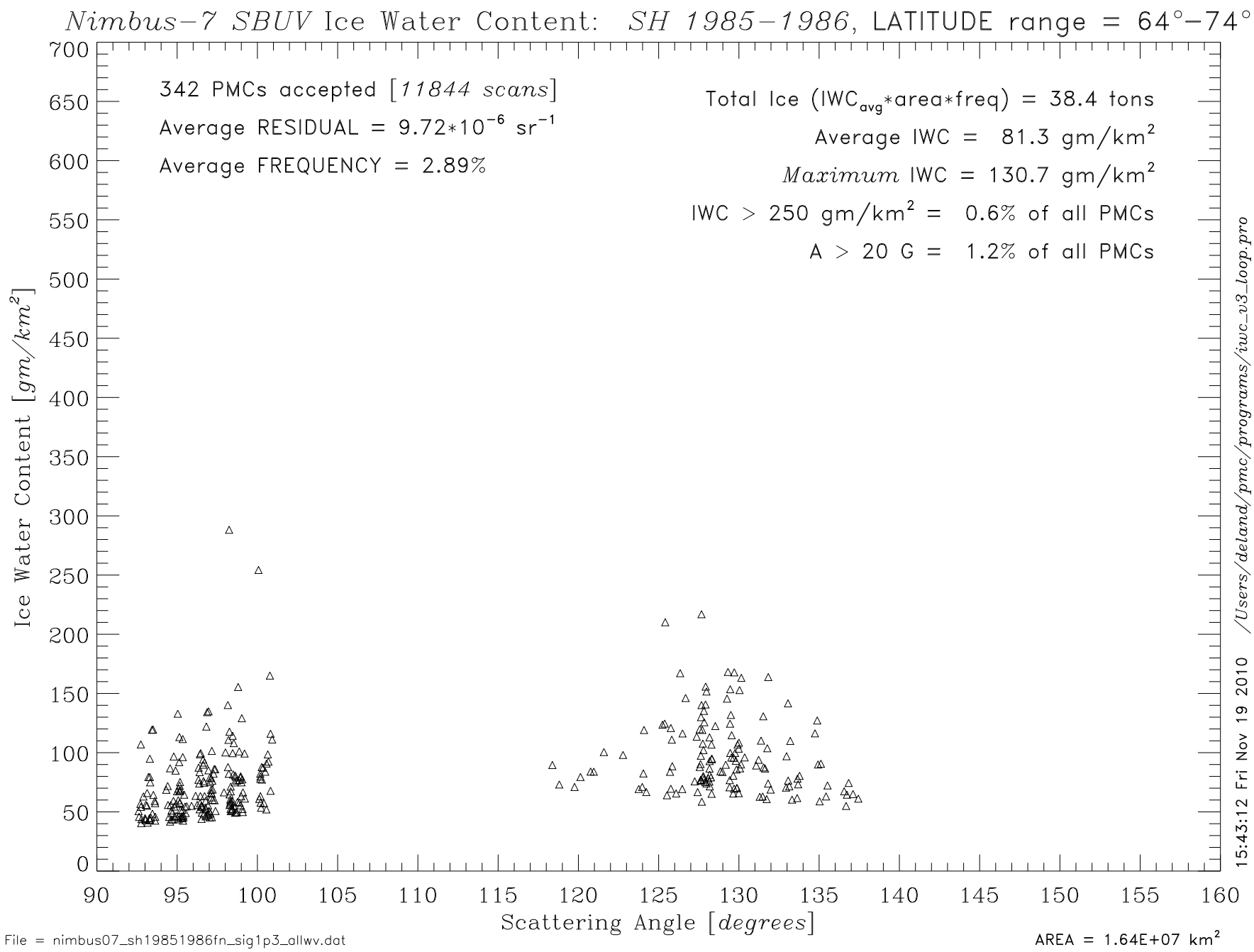

Nimbus−7 SBUV Ice Water Content: SH 1980−1981, LATITUDE range = 64°−74°
109 PMCs accepted [8434 scans]
Average RESIDUAL = 9.11*10^-6 sr^-1
Average FREQUENCY = 1.29%
Total Ice (IWC_avg*area*freq) = 15.1 tons
Average IWC = 71.5 gm/km^2
Maximum IWC = 116.6 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 20 G = 0.9% 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
15:42:57 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19801981fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

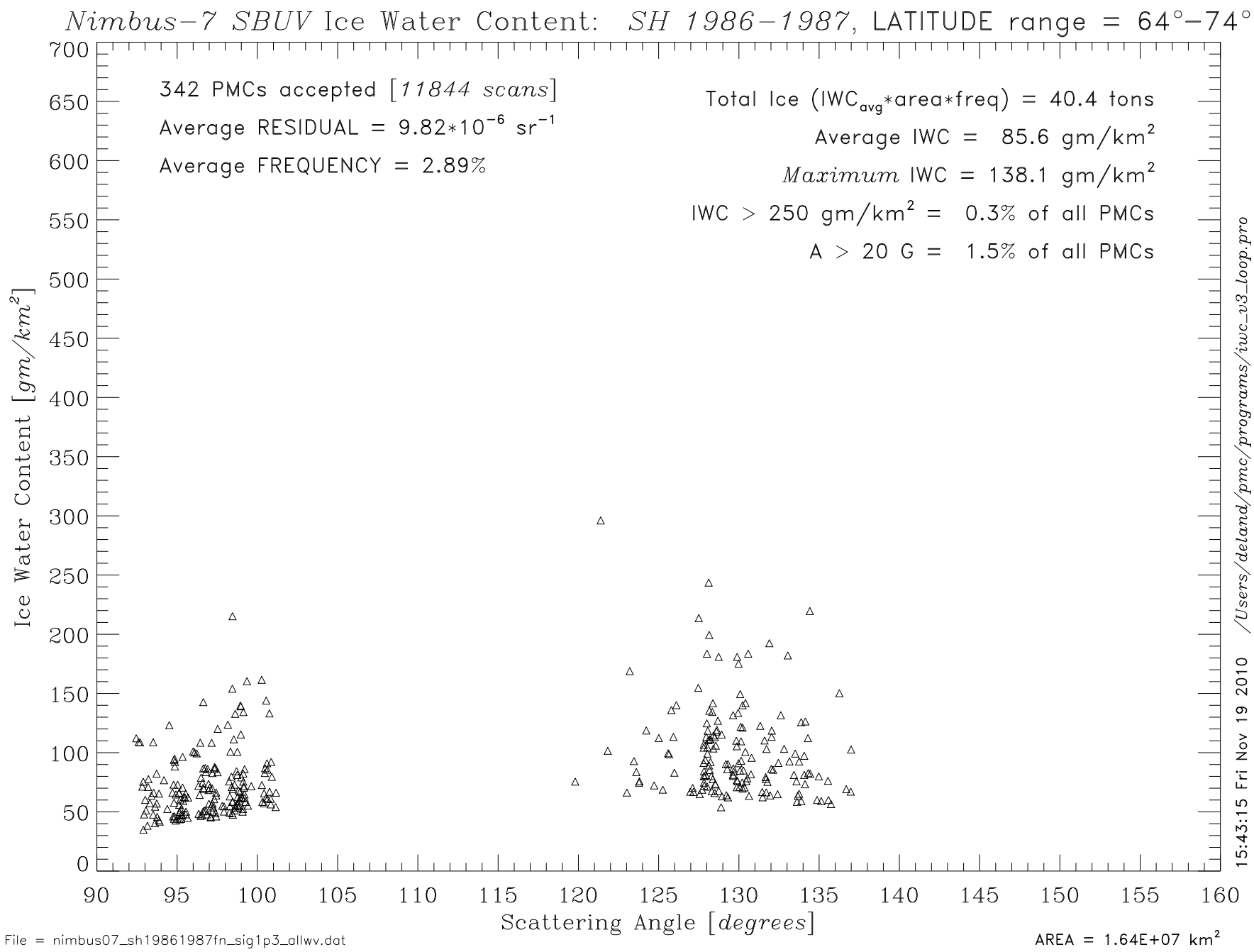

Nimbus−7 SBUV Ice Water Content: SH 1981−1982, LATITUDE range = 64°−74°
75 PMCs accepted [8188 scans]
Average RESIDUAL = 8.32*10^-6 sr^-1
Average FREQUENCY = 0.92%
Total Ice (IWC_avg*area*freq) = 10.8 tons
Average IWC = 71.9 gm/km^2
Maximum IWC = 122.8 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 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
15:42:59 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19811982fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

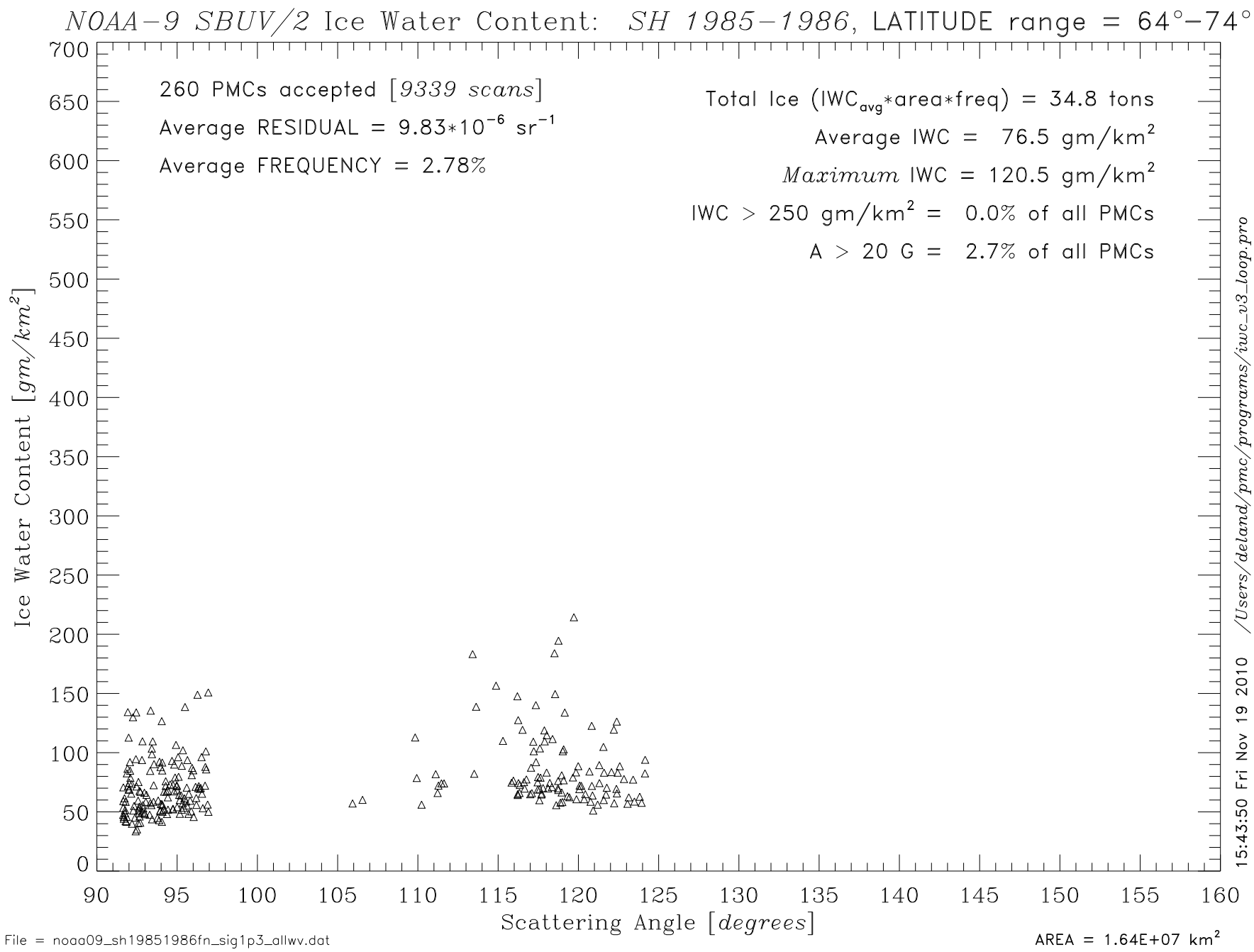

Nimbus−7 SBUV Ice Water Content: SH 1982−1983, LATITUDE range = 64°−74°
42 PMCs accepted [8683 scans]
Average RESIDUAL = 7.64*10^-6 sr^-1
Average FREQUENCY = 0.48%
Total Ice (IWC_avg*area*freq) = 5.4 tons
Average IWC = 68.1 gm/km^2
Maximum IWC = 122.2 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 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
15:43:02 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19821983fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

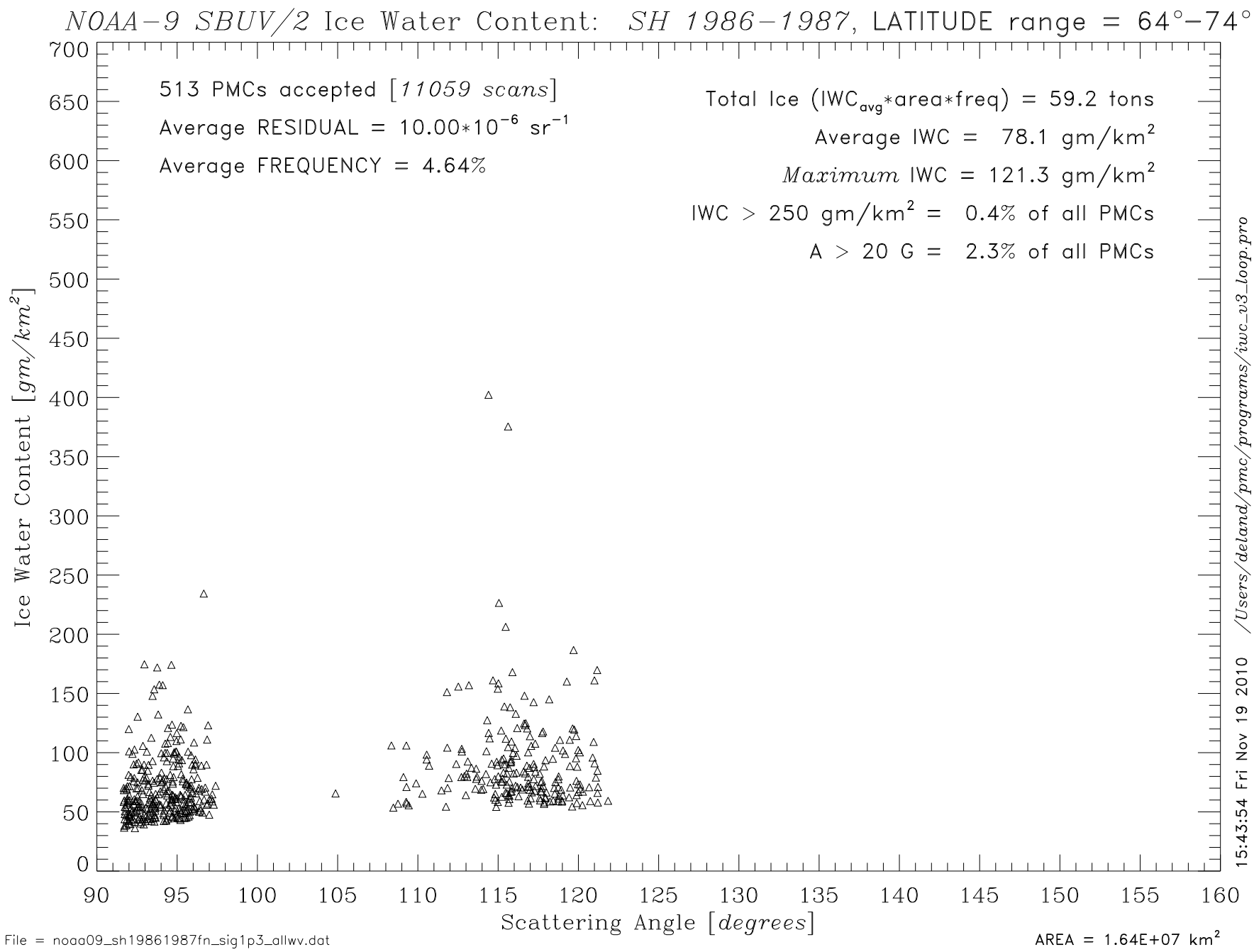

Nimbus−7 SBUV Ice Water Content: SH 1983−1984, LATITUDE range = 64°−74°
138 PMCs accepted [11829 scans]
Average RESIDUAL = 8.85*10^-6 sr^-1
Average FREQUENCY = 1.17%
Total Ice (IWC_avg*area*freq) = 14.4 tons
Average IWC = 75.5 gm/km^2
Maximum IWC = 126.3 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 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
15:43:05 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19831984fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

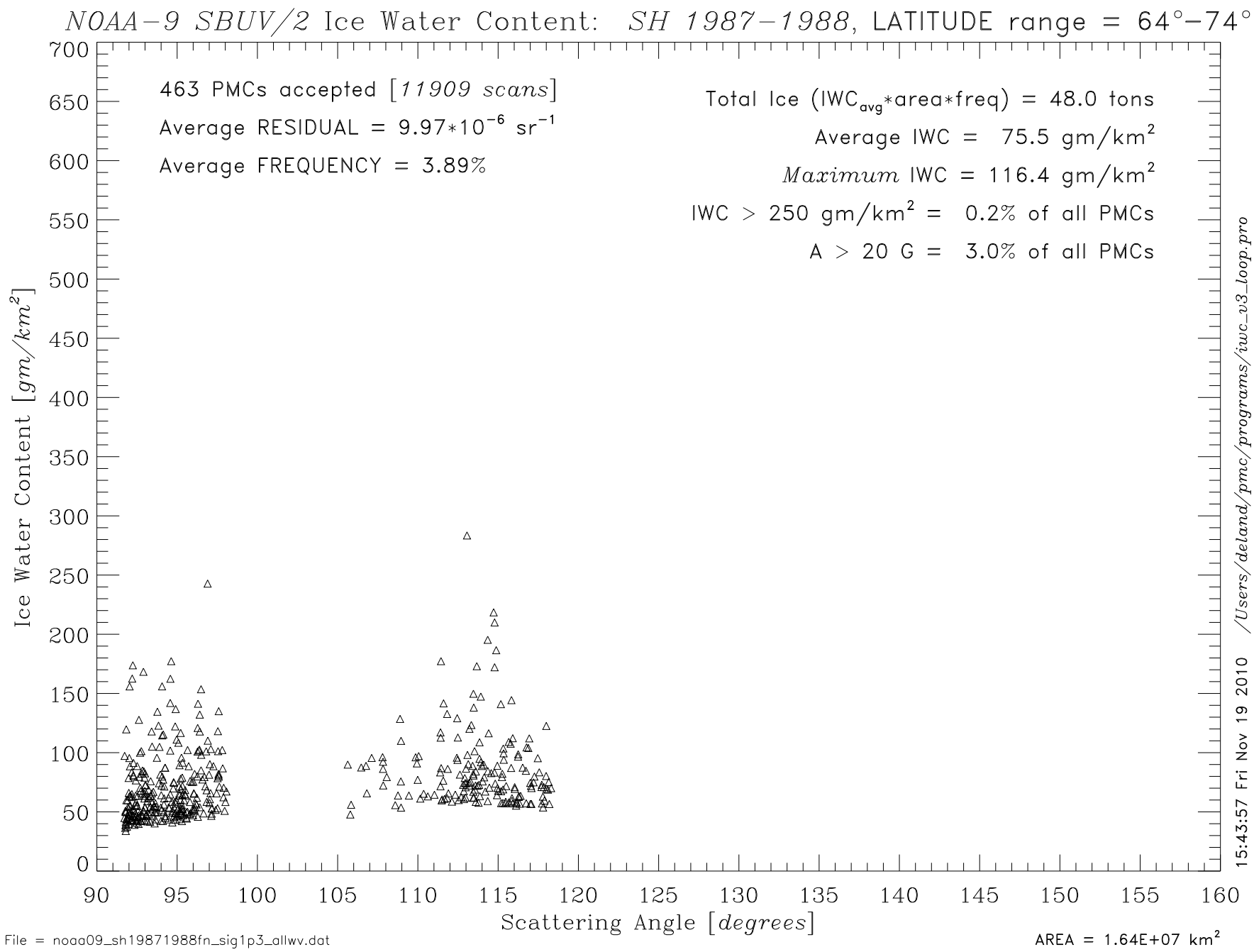

Nimbus−7 SBUV Ice Water Content: SH 1984−1985, LATITUDE range = 64°−74°
270 PMCs accepted [11487 scans]
Average RESIDUAL = 9.84*10^-6 sr^-1
Average FREQUENCY = 2.35%
Total Ice (IWC_avg*area*freq) = 31.8 tons
Average IWC = 82.6 gm/km^2
Maximum IWC = 132.2 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 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
15:43:08 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19841985fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

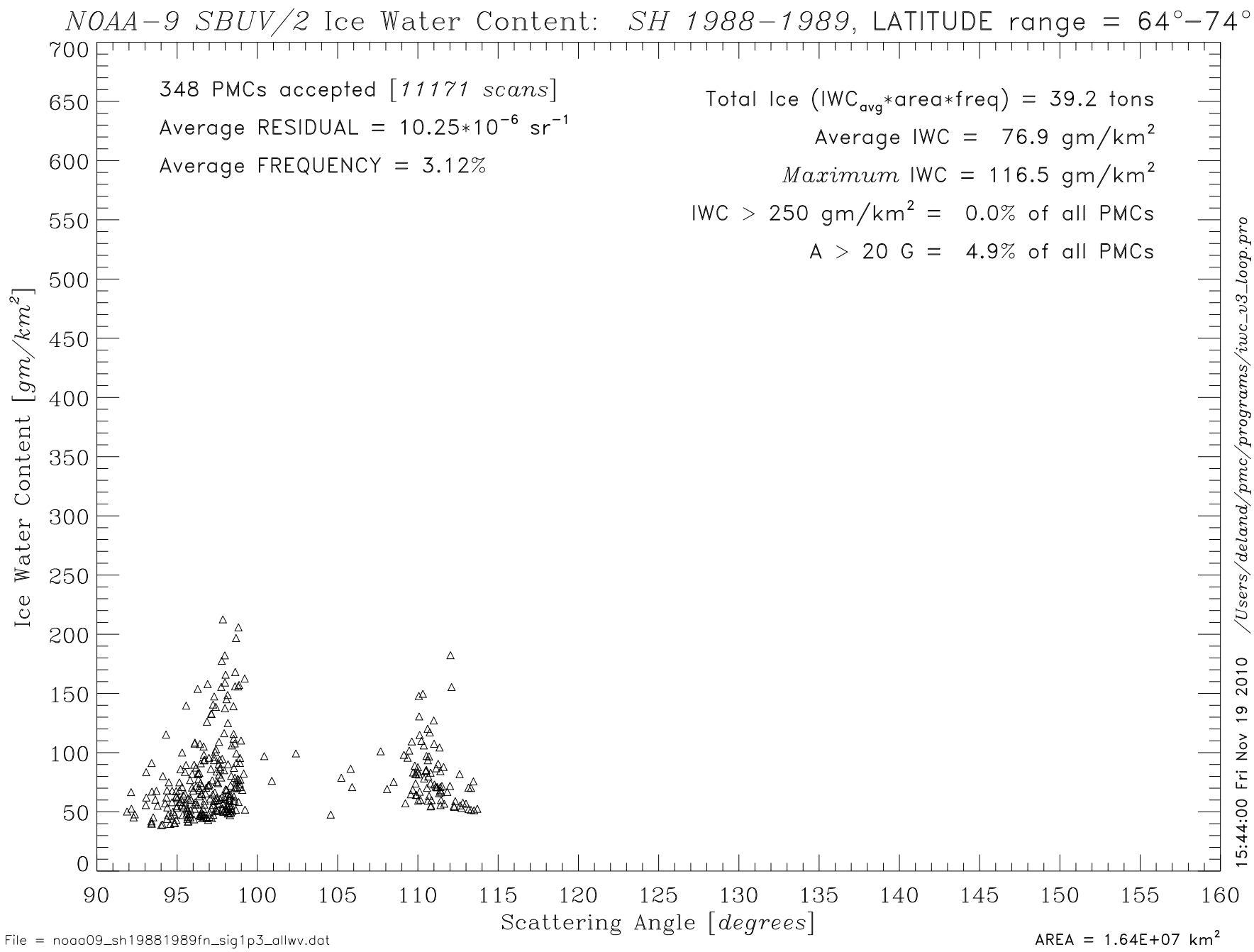

Nimbus−7 SBUV Ice Water Content: SH 1985−1986, LATITUDE range = 64°−74°
342 PMCs accepted [11844 scans]
Average RESIDUAL = 9.72*10^-6 sr^-1
Average FREQUENCY = 2.89%
Total Ice (IWC_avg*area*freq) = 38.4 tons
Average IWC = 81.3 gm/km^2
Maximum IWC = 130.7 gm/km^2
IWC > 250 gm/km^2 = 0.6% of all PMCs
A > 20 G = 1.2% 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
15:43:12 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19851986fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

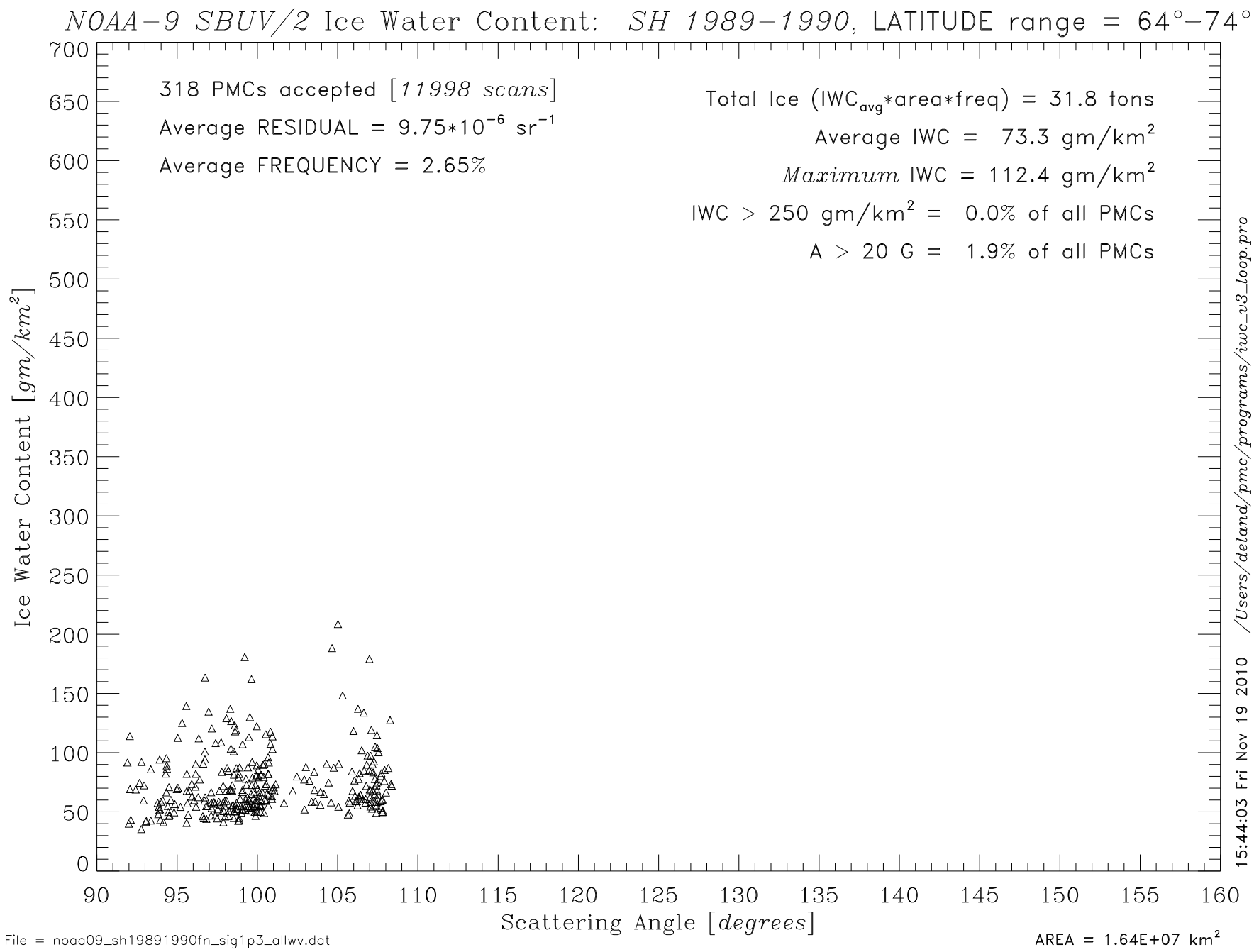

Nimbus−7 SBUV Ice Water Content: SH 1986−1987, LATITUDE range = 64°−74°
342 PMCs accepted [11844 scans]
Average RESIDUAL = 9.82*10^-6 sr^-1
Average FREQUENCY = 2.89%
Total Ice (IWC_avg*area*freq) = 40.4 tons
Average IWC = 85.6 gm/km^2
Maximum IWC = 138.1 gm/km^2
IWC > 250 gm/km^2 = 0.3% of all PMCs
A > 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
15:43:15 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19861987fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

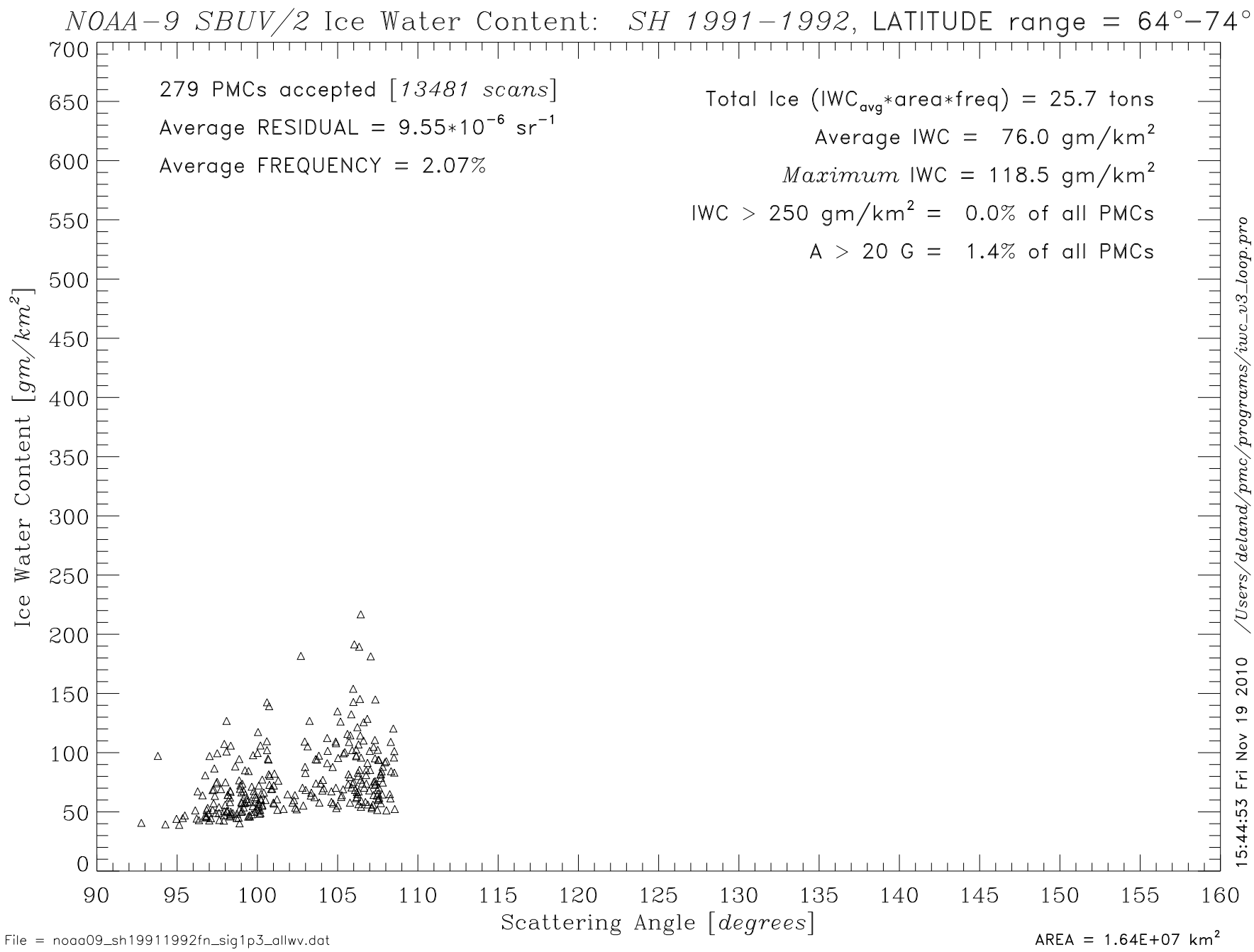

NOAA−9 SBUV/2 Ice Water Content: SH 1985−1986, LATITUDE range = 64°−74°
260 PMCs accepted [9339 scans]
Average RESIDUAL = 9.83*10^-6 sr^-1
Average FREQUENCY = 2.78%
Total Ice (IWC_avg*area*freq) = 34.8 tons
Average IWC = 76.5 gm/km^2
Maximum IWC = 120.5 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 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
15:43:50 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19851986fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

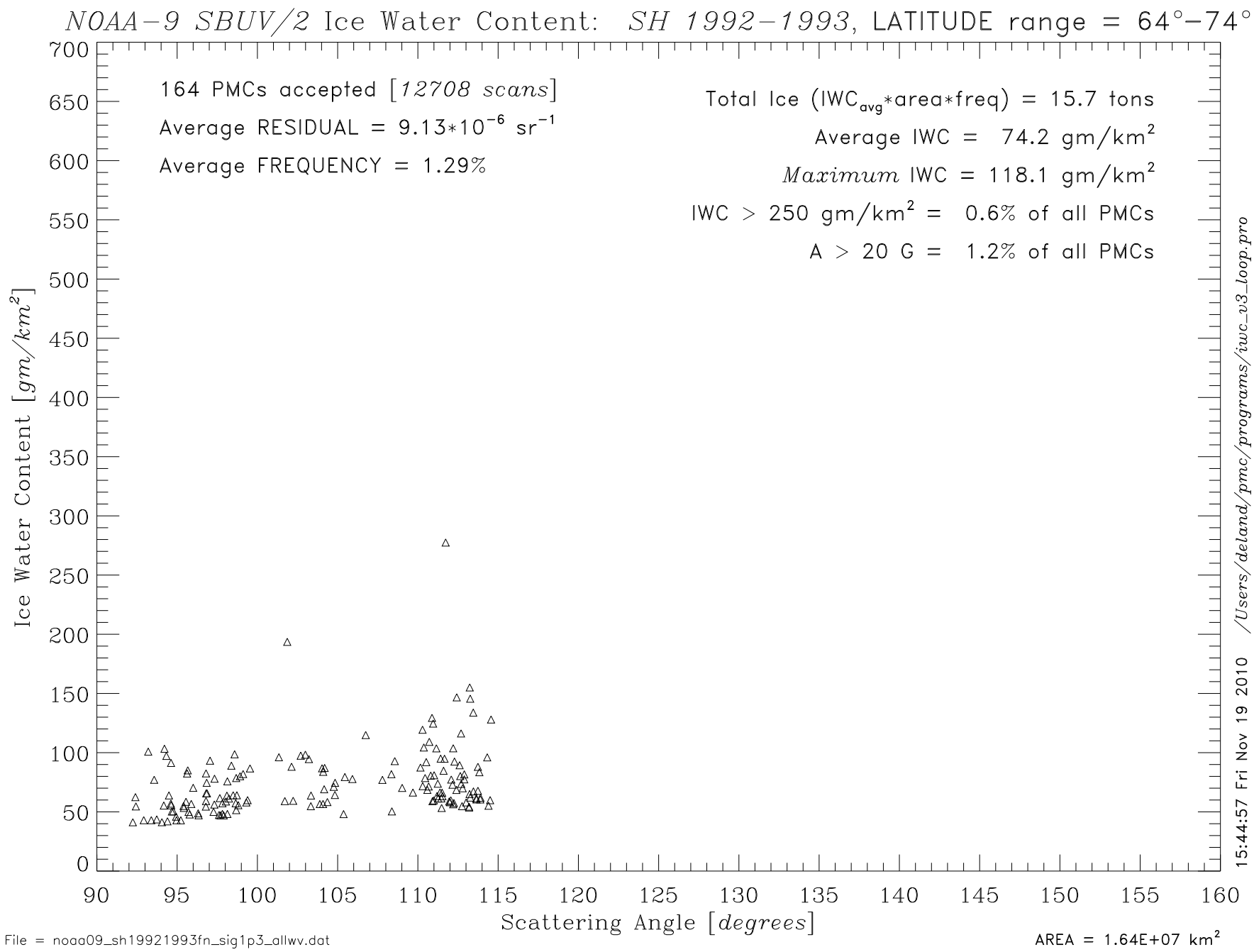

NOAA−9 SBUV/2 Ice Water Content: SH 1986−1987, LATITUDE range = 64°−74°
513 PMCs accepted [11059 scans]
Average RESIDUAL = 10.00*10^-6 sr^-1
Average FREQUENCY = 4.64%
Total Ice (IWC_avg*area*freq) = 59.2 tons
Average IWC = 78.1 gm/km^2
Maximum IWC = 121.3 gm/km^2
IWC > 250 gm/km^2 = 0.4% of all PMCs
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
125
130
135
140
145
150
155
160
15:43:54 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19861987fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

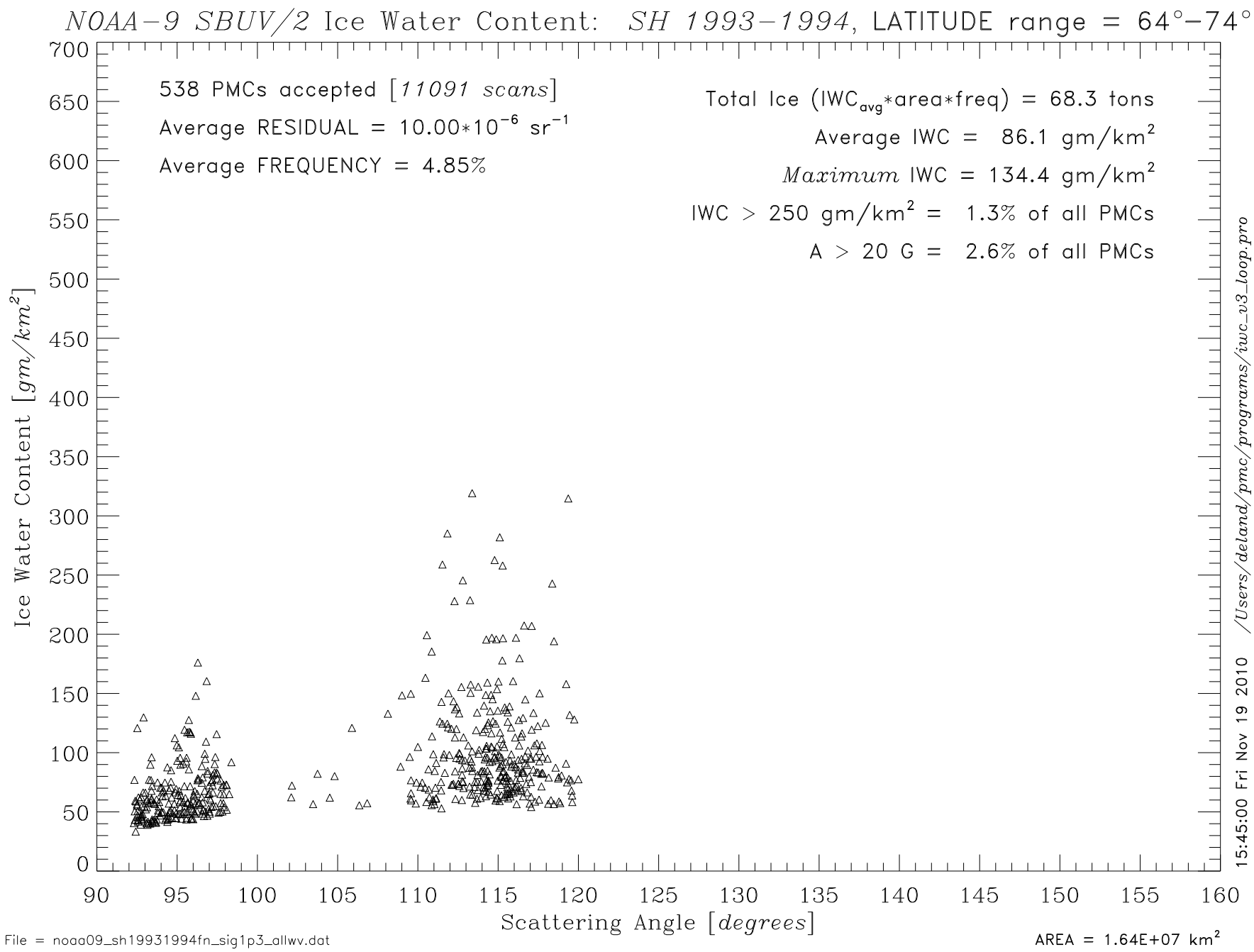

NOAA−9 SBUV/2 Ice Water Content: SH 1987−1988, LATITUDE range = 64°−74°
463 PMCs accepted [11909 scans]
Average RESIDUAL = 9.97*10^-6 sr^-1
Average FREQUENCY = 3.89%
Total Ice (IWC_avg*area*freq) = 48.0 tons
Average IWC = 75.5 gm/km^2
Maximum IWC = 116.4 gm/km^2
IWC > 250 gm/km^2 = 0.2% of all PMCs
A > 20 G = 3.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:43:57 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19871988fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

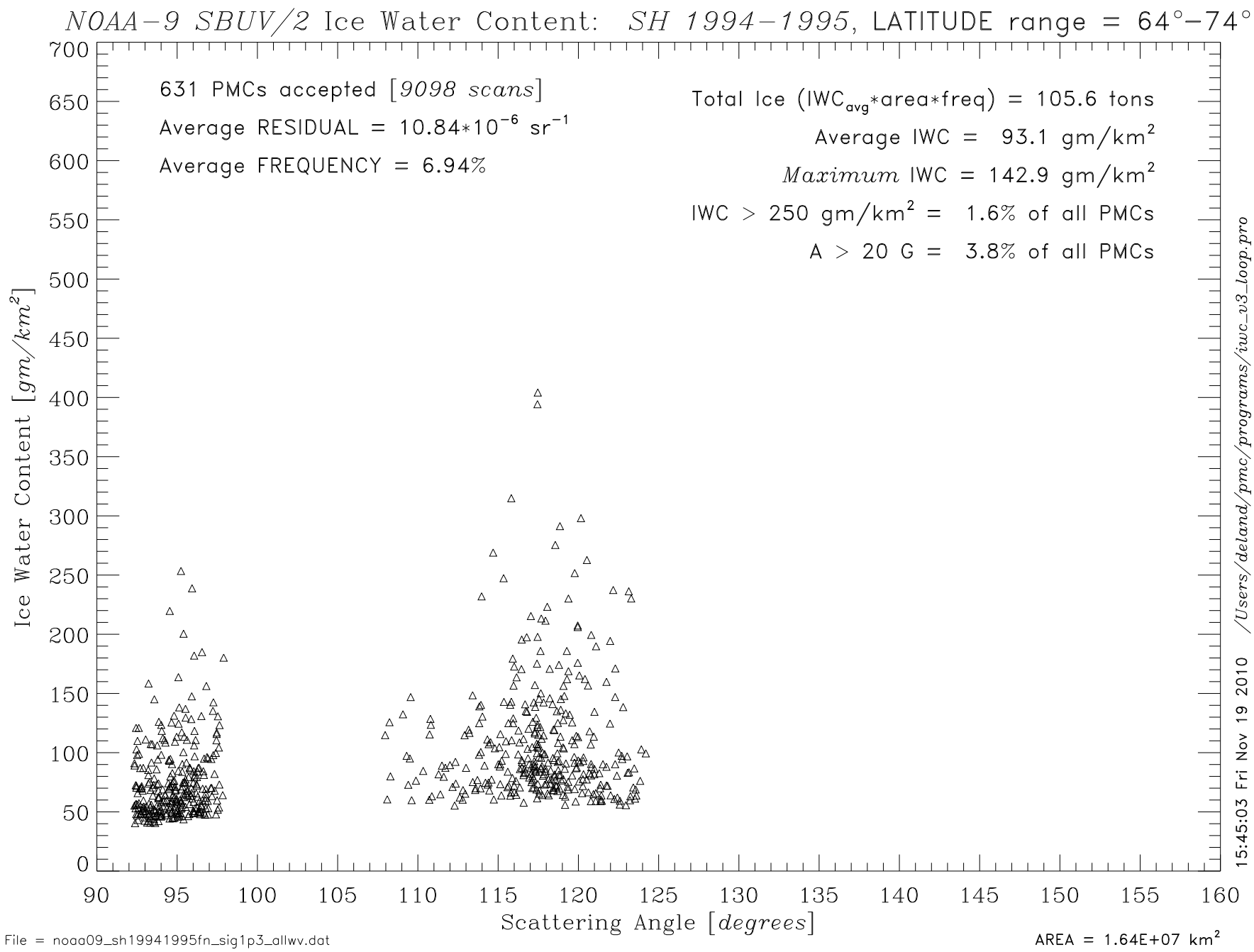

NOAA−9 SBUV/2 Ice Water Content: SH 1988−1989, LATITUDE range = 64°−74°
348 PMCs accepted [11171 scans]
Average RESIDUAL = 10.25*10^-6 sr^-1
Average FREQUENCY = 3.12%
Total Ice (IWC_avg*area*freq) = 39.2 tons
Average IWC = 76.9 gm/km^2
Maximum IWC = 116.5 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
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
15:44:00 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19881989fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1989−1990, LATITUDE range = 64°−74°
318 PMCs accepted [11998 scans]
Average RESIDUAL = 9.75*10^−6 sr^−1
Average FREQUENCY = 2.65%
Total Ice (IWC_avg*area*freq) = 31.8 tons
Average IWC = 73.3 gm/km^2
Maximum IWC = 112.4 gm/km^2
IWC > 250 gm/km^2 = 0.0% 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
15:44:03 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19891990fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1991−1992, LATITUDE range = 64°−74°
279 PMCs accepted [13481 scans]
Average RESIDUAL = 9.55*10^-6 sr^-1
Average FREQUENCY = 2.07%
Total Ice (IWC_avg*area*freq) = 25.7 tons
Average IWC = 76.0 gm/km^2
Maximum IWC = 118.5 gm/km^2
IWC > 250 gm/km^2 = 0.0% 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
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:44:53 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19911992fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1992−1993, LATITUDE range = 64°−74°
164 PMCs accepted [12708 scans]
Average RESIDUAL = 9.13*10^-6 sr^-1
Average FREQUENCY = 1.29%
Total Ice (IWC_avg*area*freq) = 15.7 tons
Average IWC = 74.2 gm/km^2
Maximum IWC = 118.1 gm/km^2
IWC > 250 gm/km^2 = 0.6% of all PMCs
A > 20 G = 1.2% 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
15:44:57 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19921993fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1993−1994, LATITUDE range = 64°−74°
538 PMCs accepted [11091 scans]
Average RESIDUAL = 10.00*10^-6 sr^-1
Average FREQUENCY = 4.85%
Total Ice (IWC_avg*area*freq) = 68.3 tons
Average IWC = 86.1 gm/km^2
Maximum IWC = 134.4 gm/km^2
IWC > 250 gm/km^2 = 1.3% 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
15:45:00 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19931994fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1994−1995, LATITUDE range = 64°−74°
631 PMCs accepted [9098 scans]
Average RESIDUAL = 10.84*10^-6 sr^-1
Average FREQUENCY = 6.94%
Total Ice (IWC_avg*area*freq) = 105.6 tons
Average IWC = 93.1 gm/km^2
Maximum IWC = 142.9 gm/km^2
IWC > 250 gm/km^2 = 1.6% 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
600
650
700
90
95
100
105
110
115
120
125
130
135
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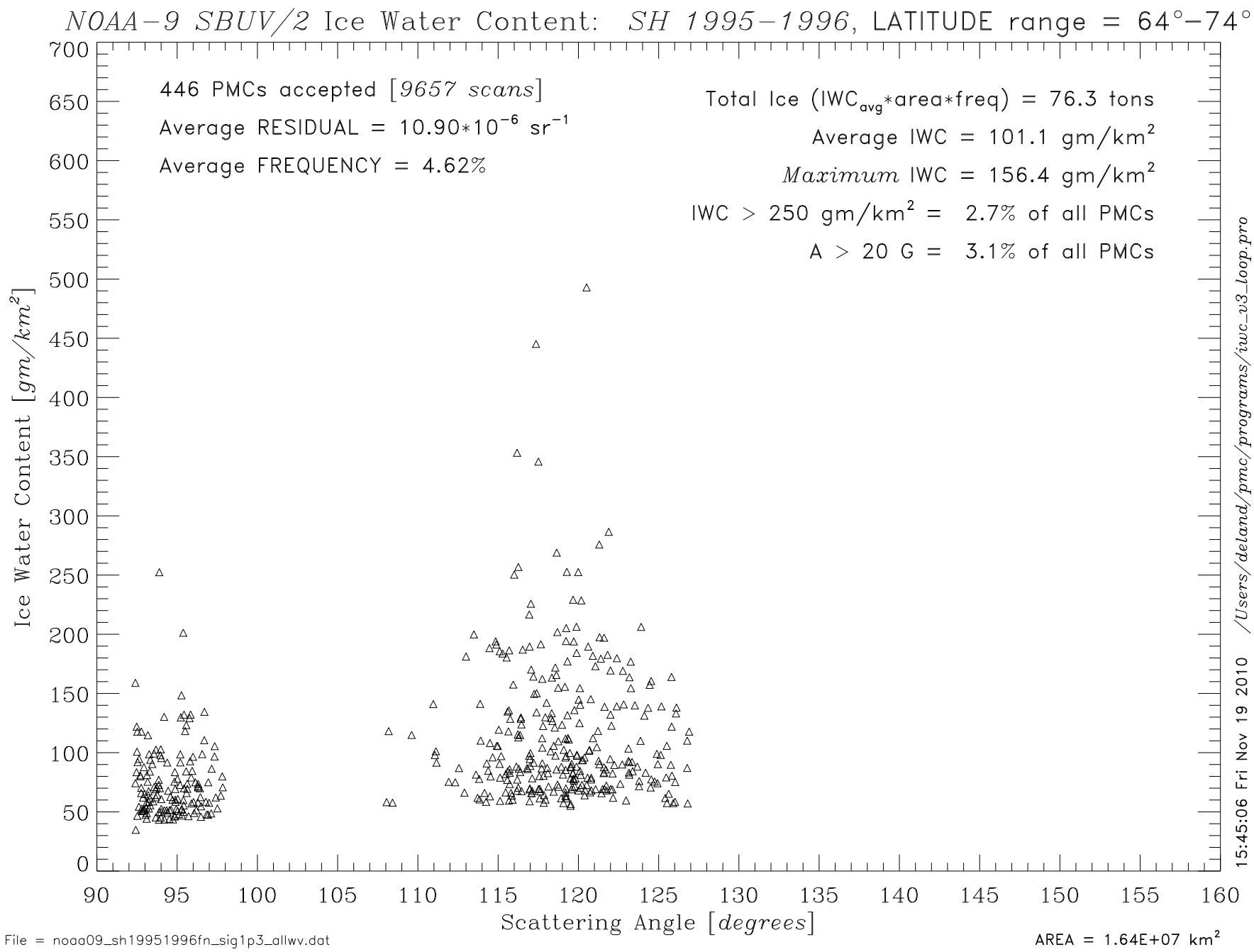
145
150
155
160
15:45:03 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19941995fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1995−1996, LATITUDE range = 64°−74°
446 PMCs accepted [9657 scans]
Average RESIDUAL = 10.90*10^-6 sr^-1
Average FREQUENCY = 4.62%
Total Ice (IWC_avg*area*freq) = 76.3 tons
Average IWC = 101.1 gm/km^2
Maximum IWC = 156.4 gm/km^2
IWC > 250 gm/km^2 = 2.7% 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
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600
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700
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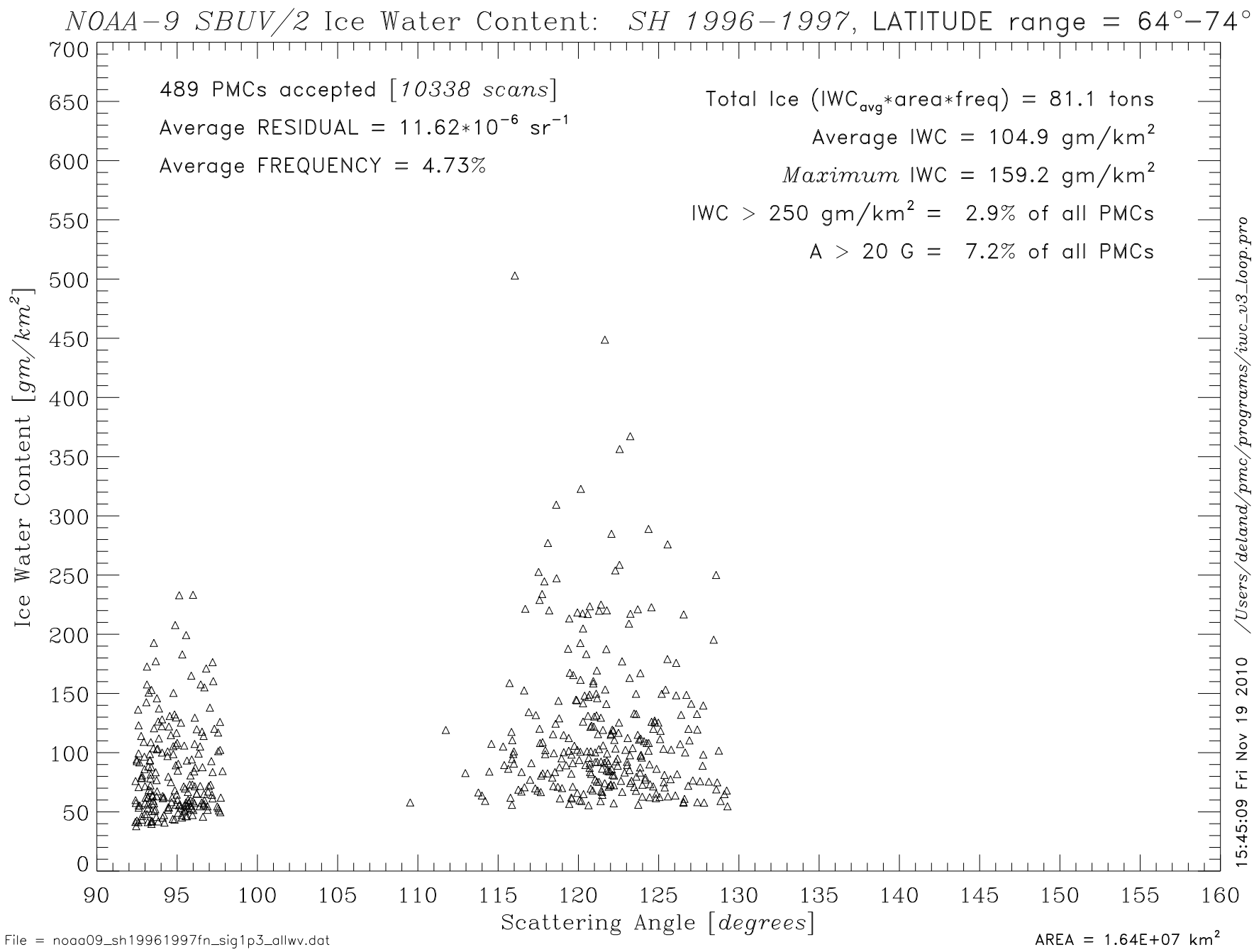
155
160
15:45:06 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19951996fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1996−1997, LATITUDE range = 64°−74°
489 PMCs accepted [10338 scans]
Average RESIDUAL = 11.62*10^-6 sr^-1
Average FREQUENCY = 4.73%
Total Ice (IWC_avg*area*freq) = 81.1 tons
Average IWC = 104.9 gm/km^2
Maximum IWC = 159.2 gm/km^2
IWC > 250 gm/km^2 = 2.9% of all PMCs
A > 20 G = 7.2% 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
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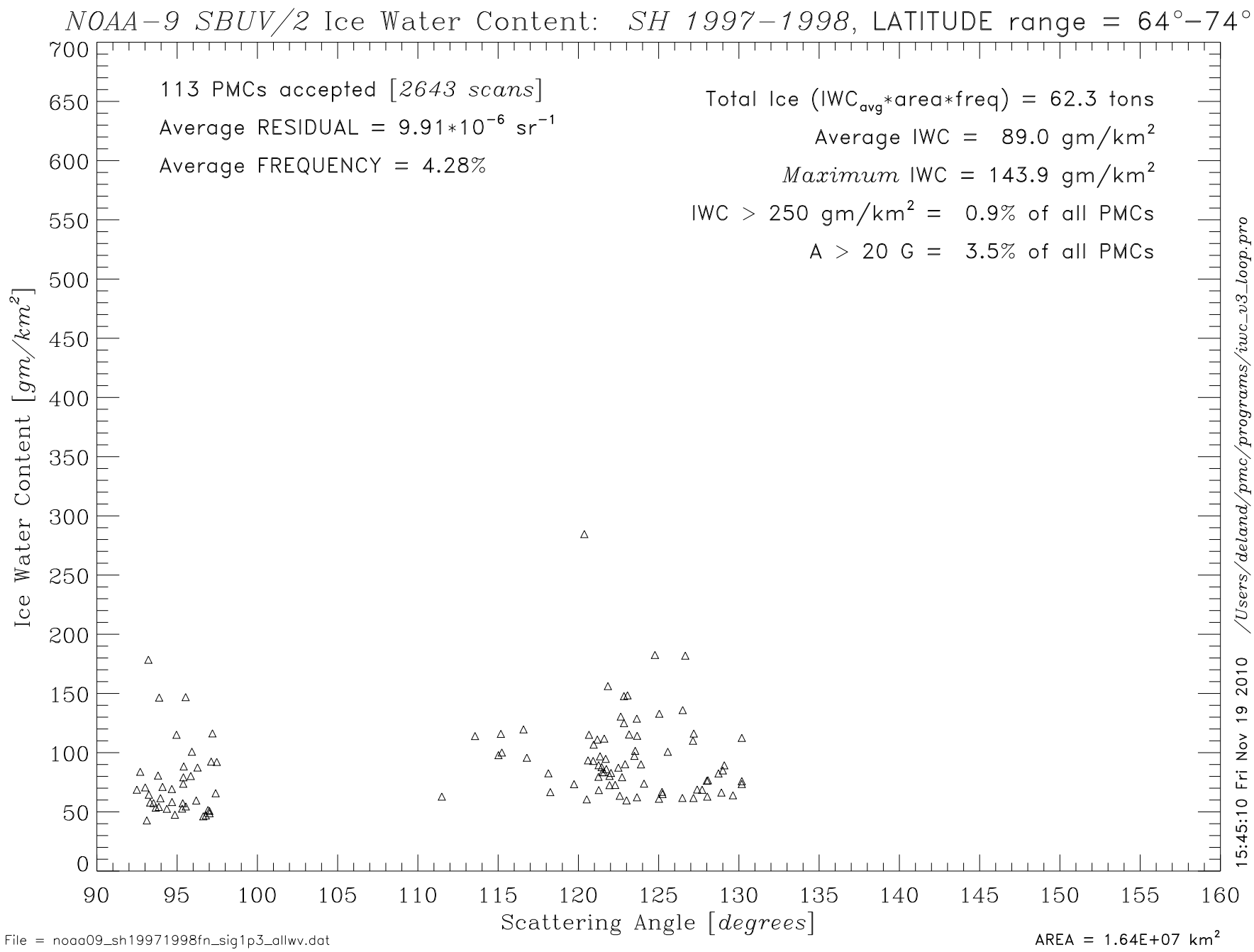
135
140
145
150
155
160
15:45:09 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19961997fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1997−1998, LATITUDE range = 64°−74°
113 PMCs accepted [2643 scans]
Average RESIDUAL = 9.91*10^-6 sr^-1
Average FREQUENCY = 4.28%
Total Ice (IWC_avg*area*freq) = 62.3 tons
Average IWC = 89.0 gm/km^2
Maximum IWC = 143.9 gm/km^2
IWC > 250 gm/km^2 = 0.9% of all PMCs
A > 20 G = 3.5% 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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150
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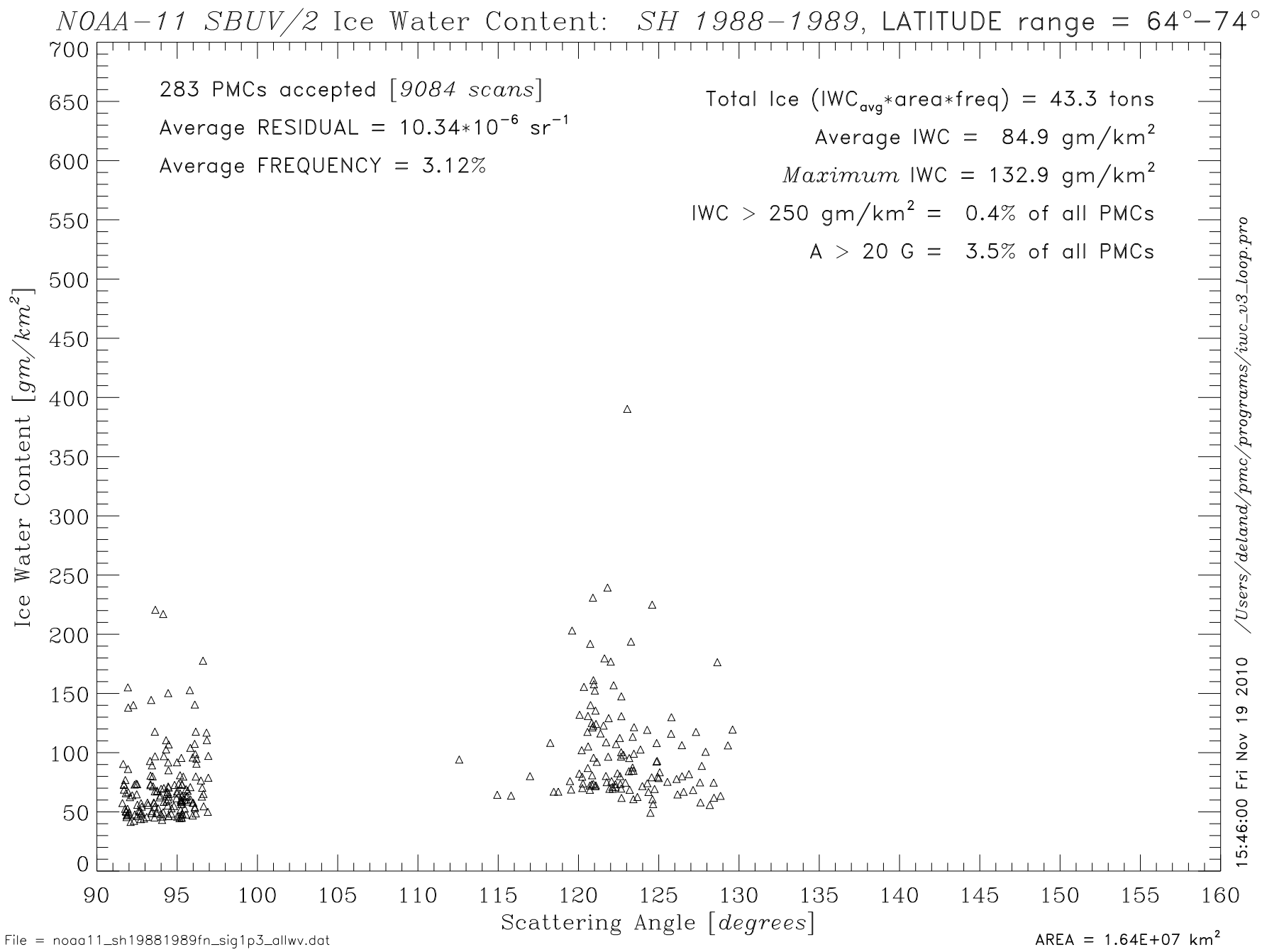
160
15:45:10 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19971998fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1988−1989, LATITUDE range = 64°−74°
283 PMCs accepted [9084 scans]
Average RESIDUAL = 10.34*10^-6 sr^-1
Average FREQUENCY = 3.12%
Total Ice (IWC_avg*area*freq) = 43.3 tons
Average IWC = 84.9 gm/km^2
Maximum IWC = 132.9 gm/km^2
IWC > 250 gm/km^2 = 0.4% of all PMCs
A > 20 G = 3.5% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
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400
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700
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100
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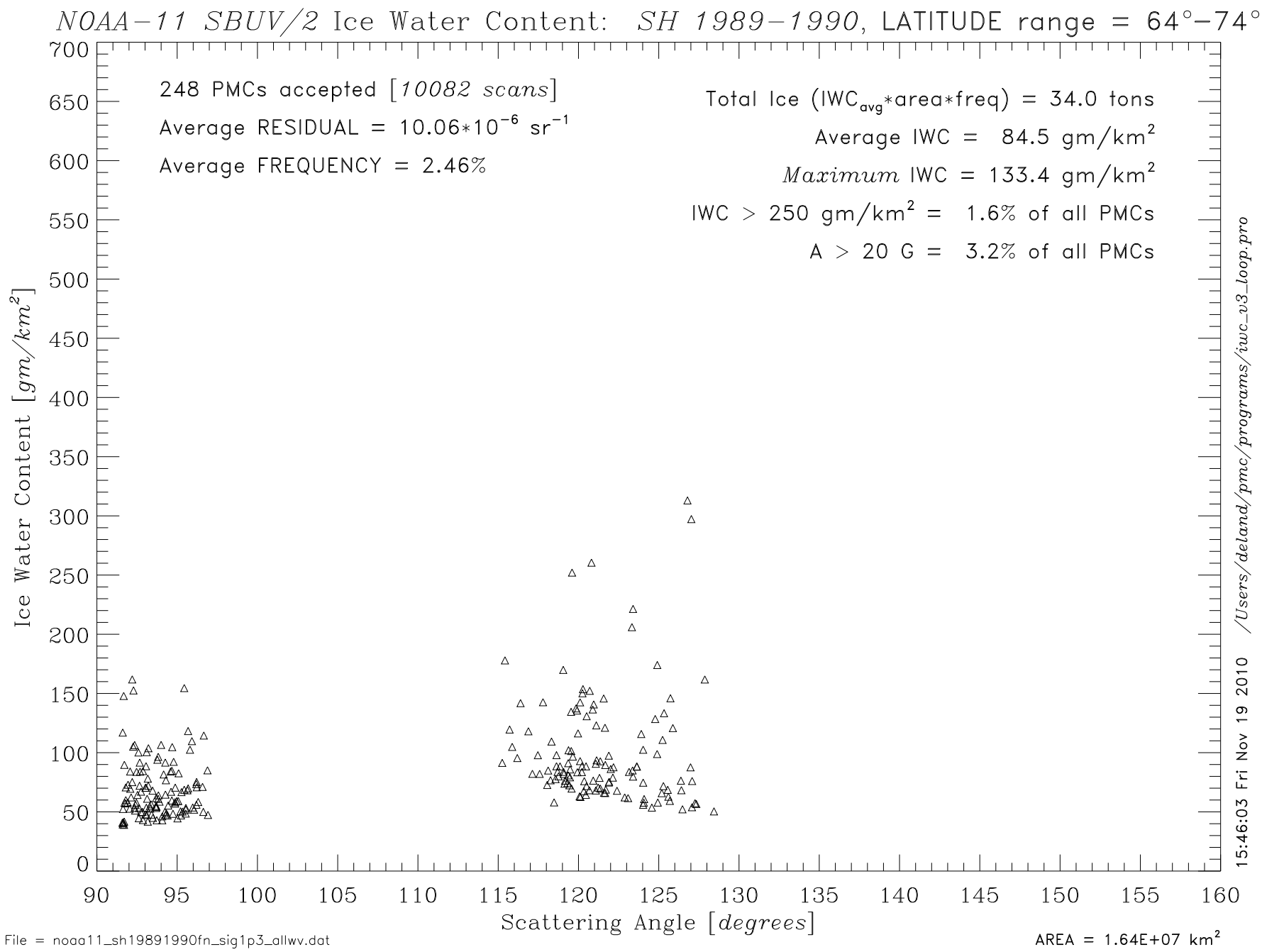
/Users/deland/pmc/programs/iwc_v3_loop.pro
15:46:00 Fri Nov 19 2010
File = noaa11_sh19881989fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1989−1990, LATITUDE range = 64°−74°
248 PMCs accepted [10082 scans]
Average RESIDUAL = 10.06*10^-6 sr^-1
Average FREQUENCY = 2.46%
Total Ice (IWC_avg*area*freq) = 34.0 tons
Average IWC = 84.5 gm/km^2
Maximum IWC = 133.4 gm/km^2
IWC > 250 gm/km^2 = 1.6% of all PMCs
A > 20 G = 3.2% 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
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135
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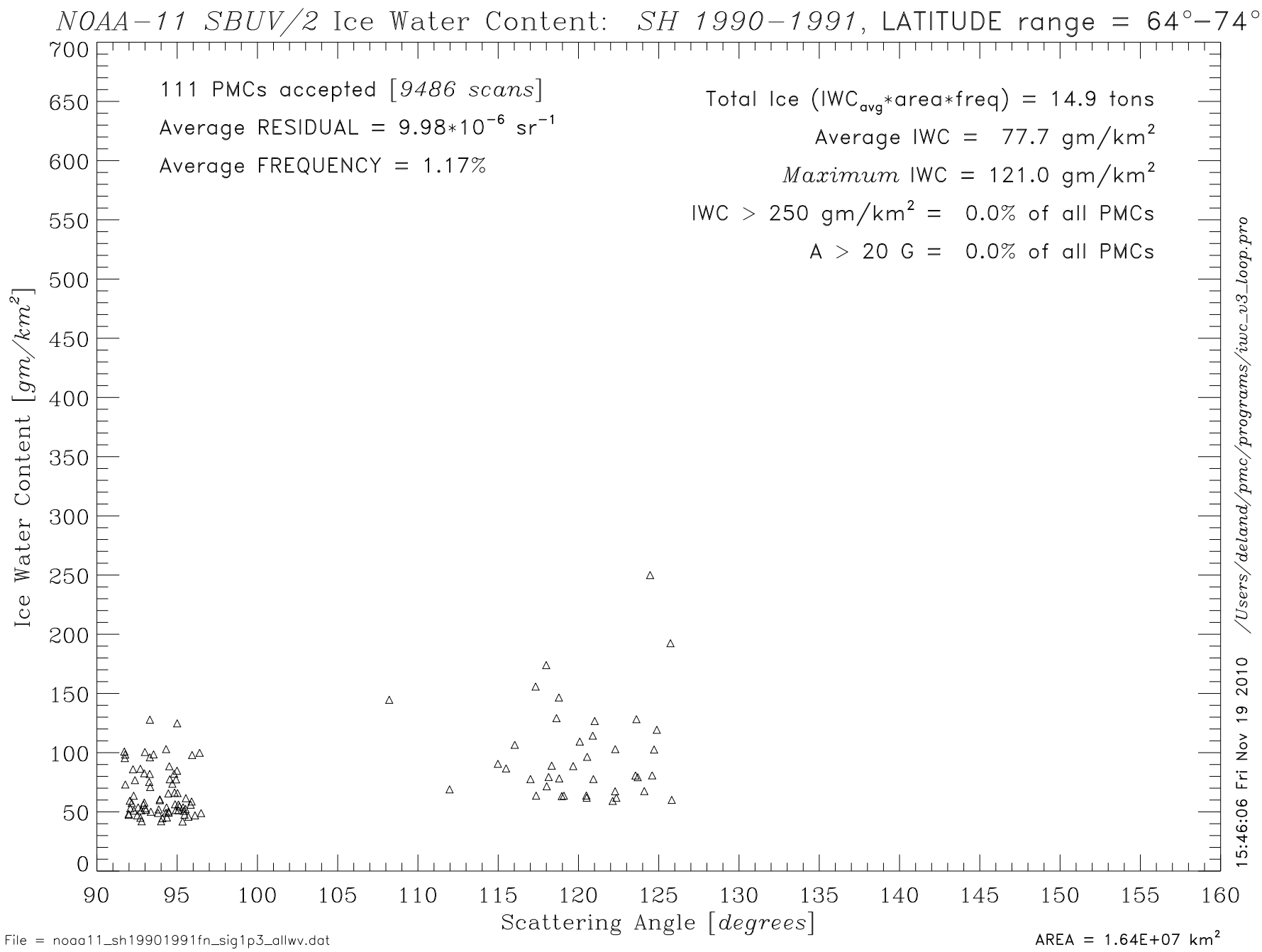
160
/Users/deland/pmc/programs/iwc_v3_loop.pro
15:46:03 Fri Nov 19 2010
File = noaa11_sh19891990fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1990−1991, LATITUDE range = 64°−74°
111 PMCs accepted [9486 scans]
Average RESIDUAL = 9.98*10^-6 sr^-1
Average FREQUENCY = 1.17%
Total Ice (IWC_avg*area*freq) = 14.9 tons
Average IWC = 77.7 gm/km^2
Maximum IWC = 121.0 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
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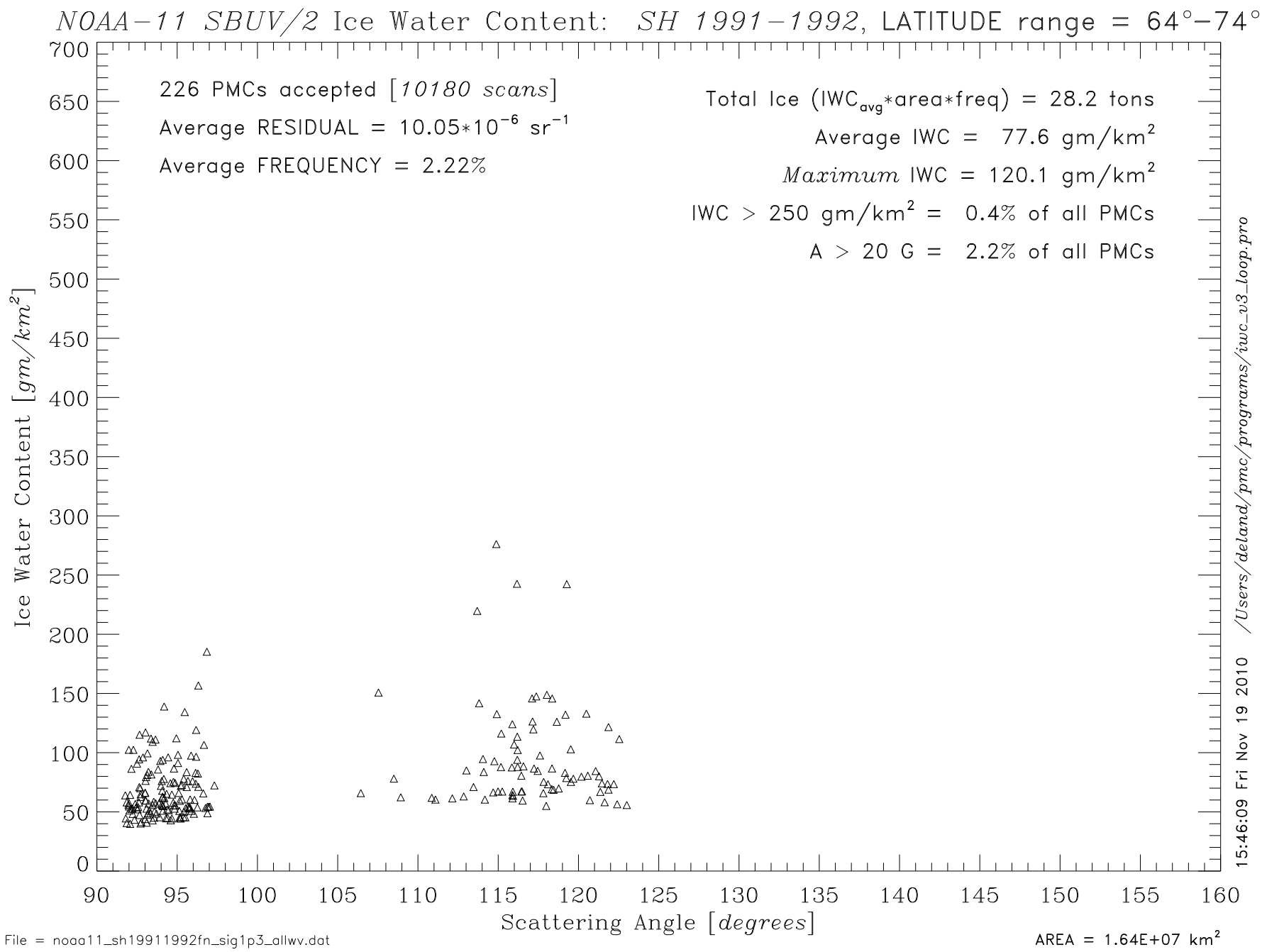
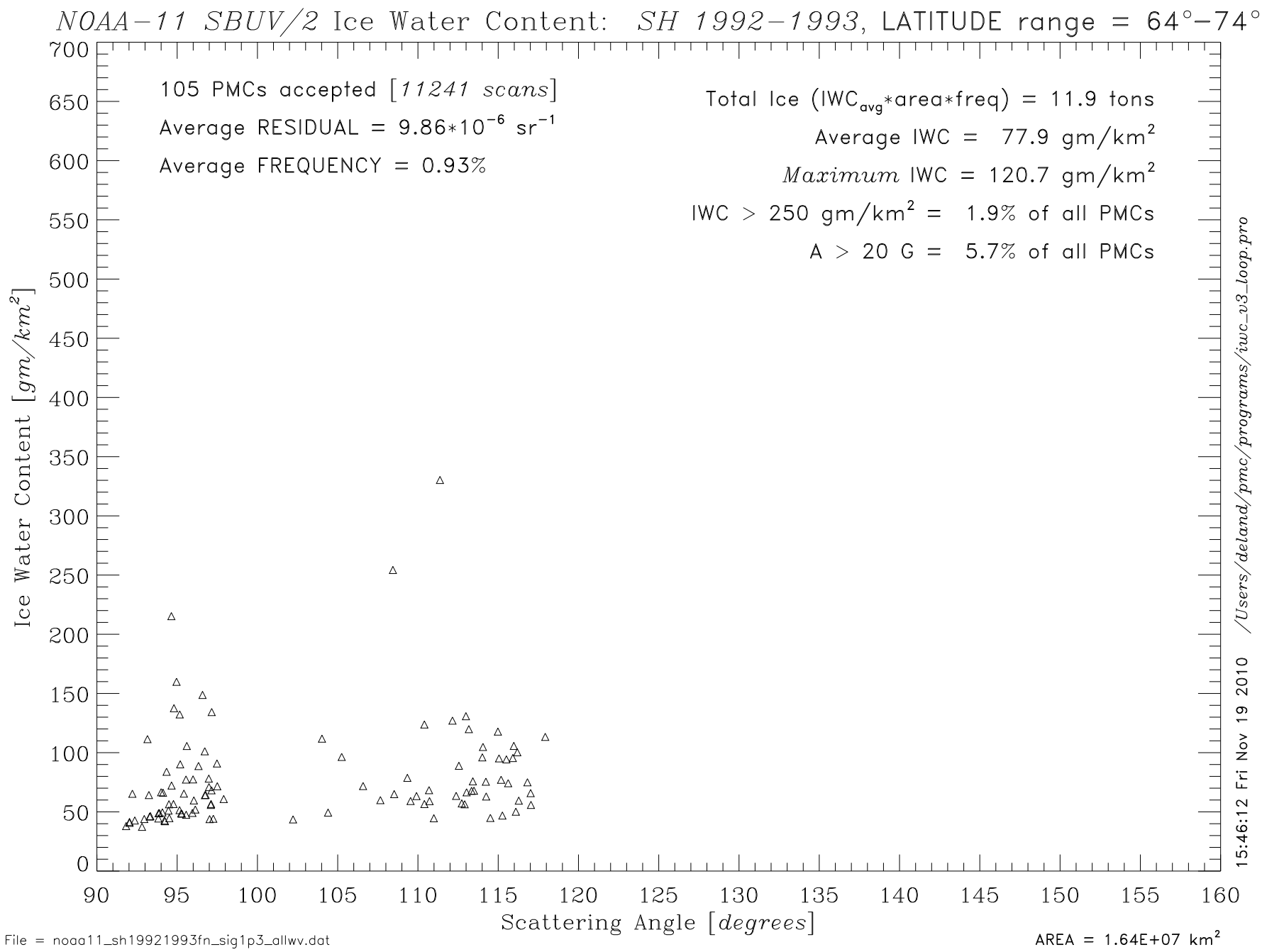
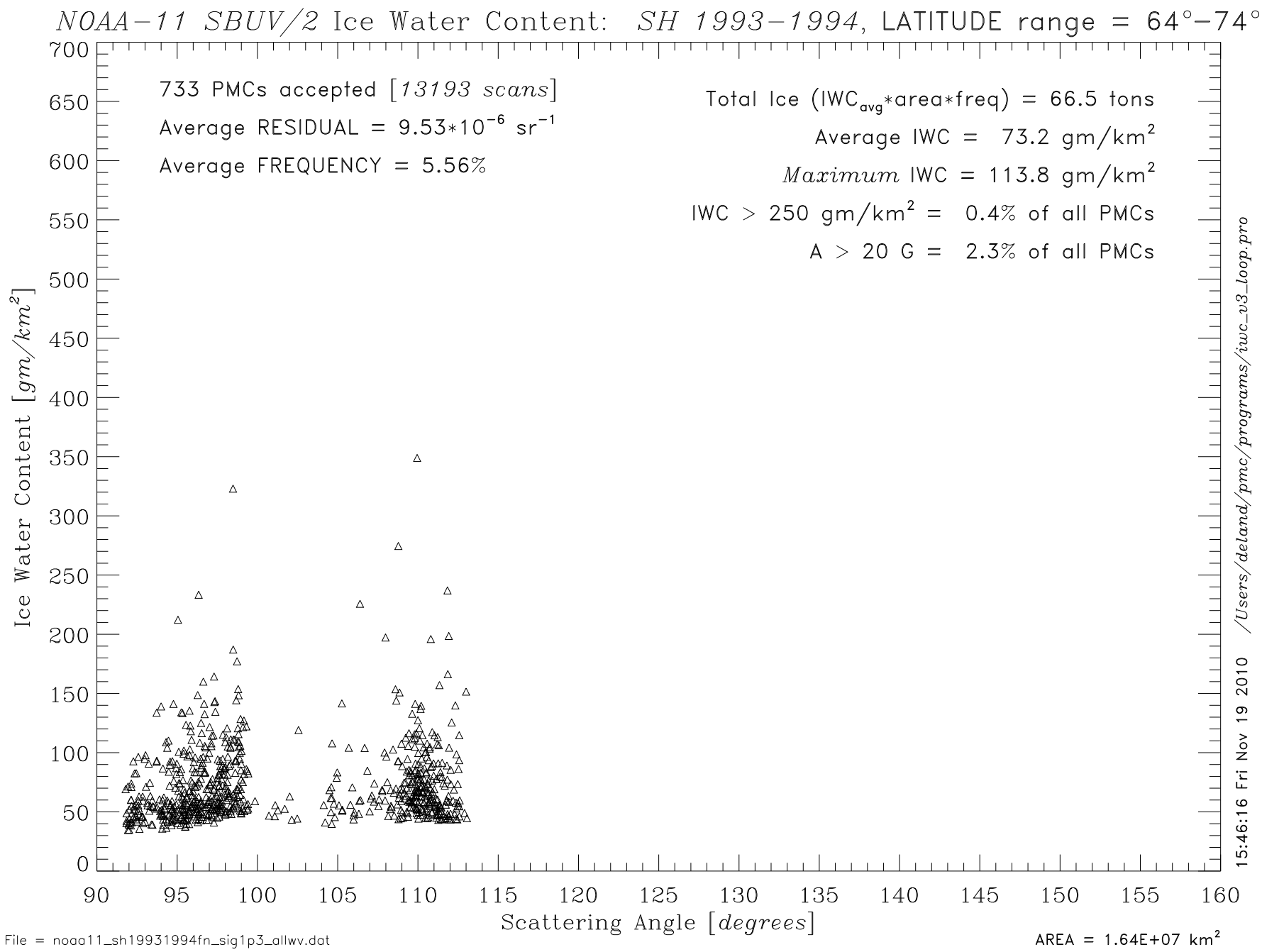
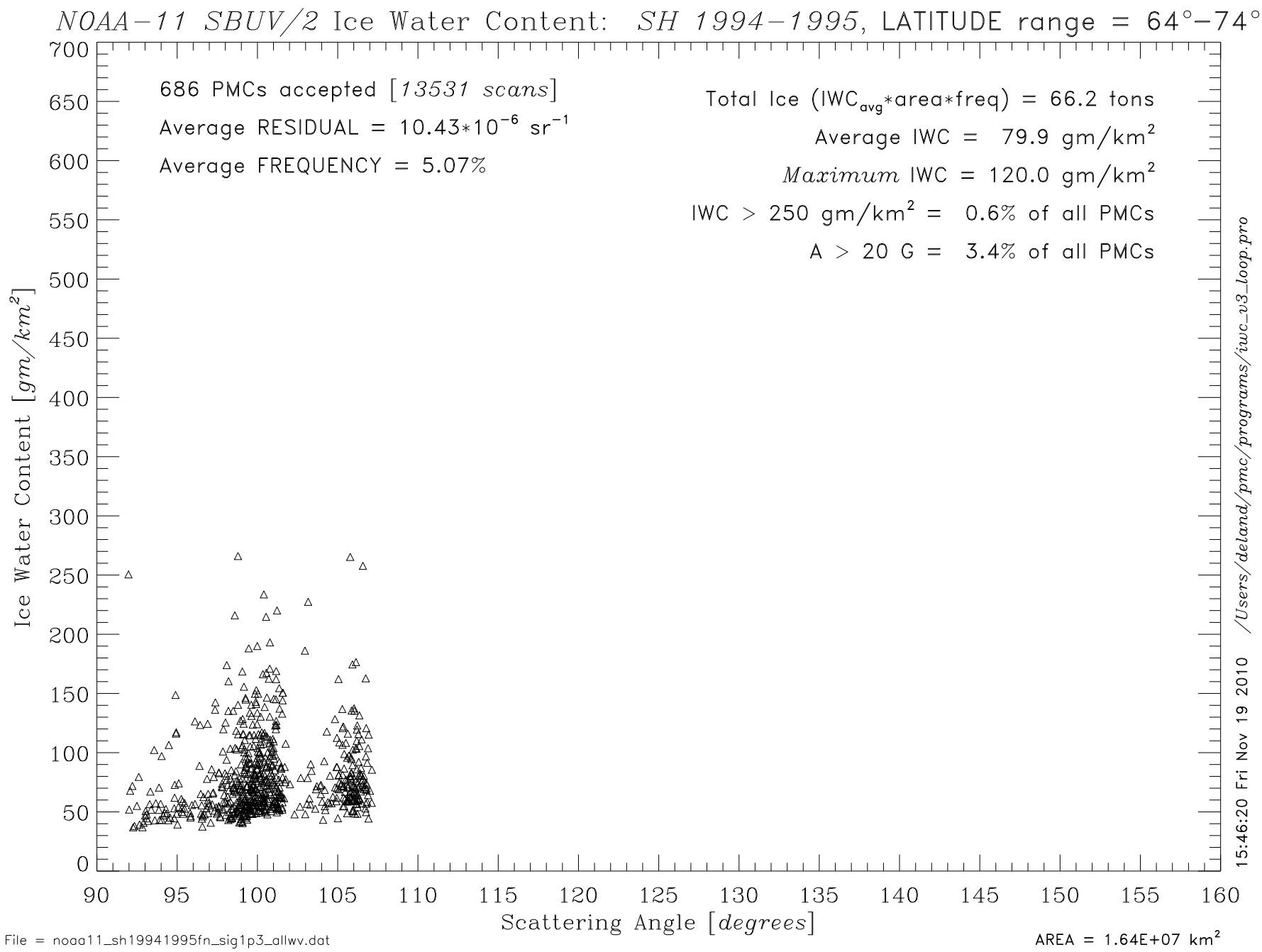
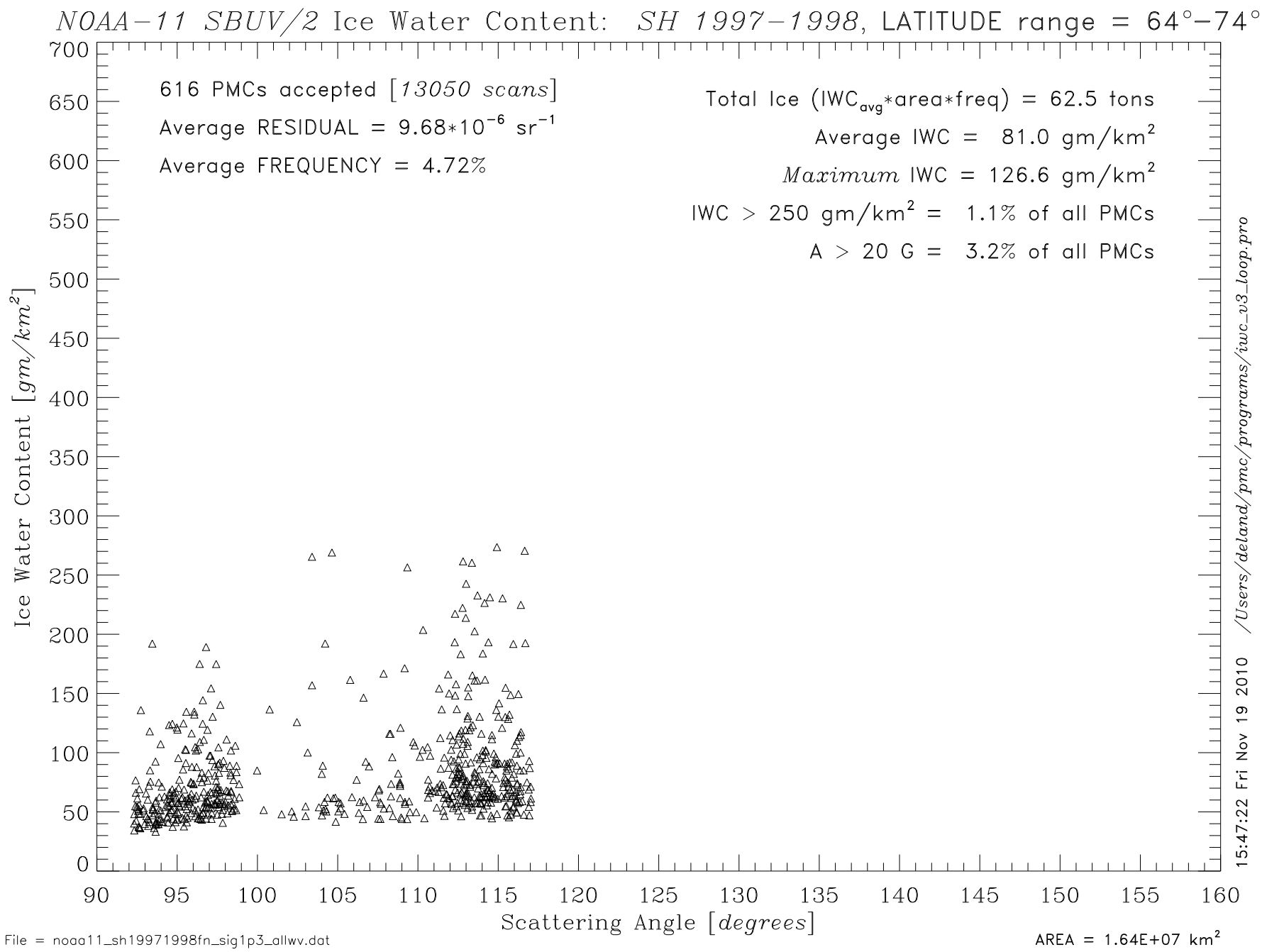
135
140
145
150
155
160
15:46:06 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19901991fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

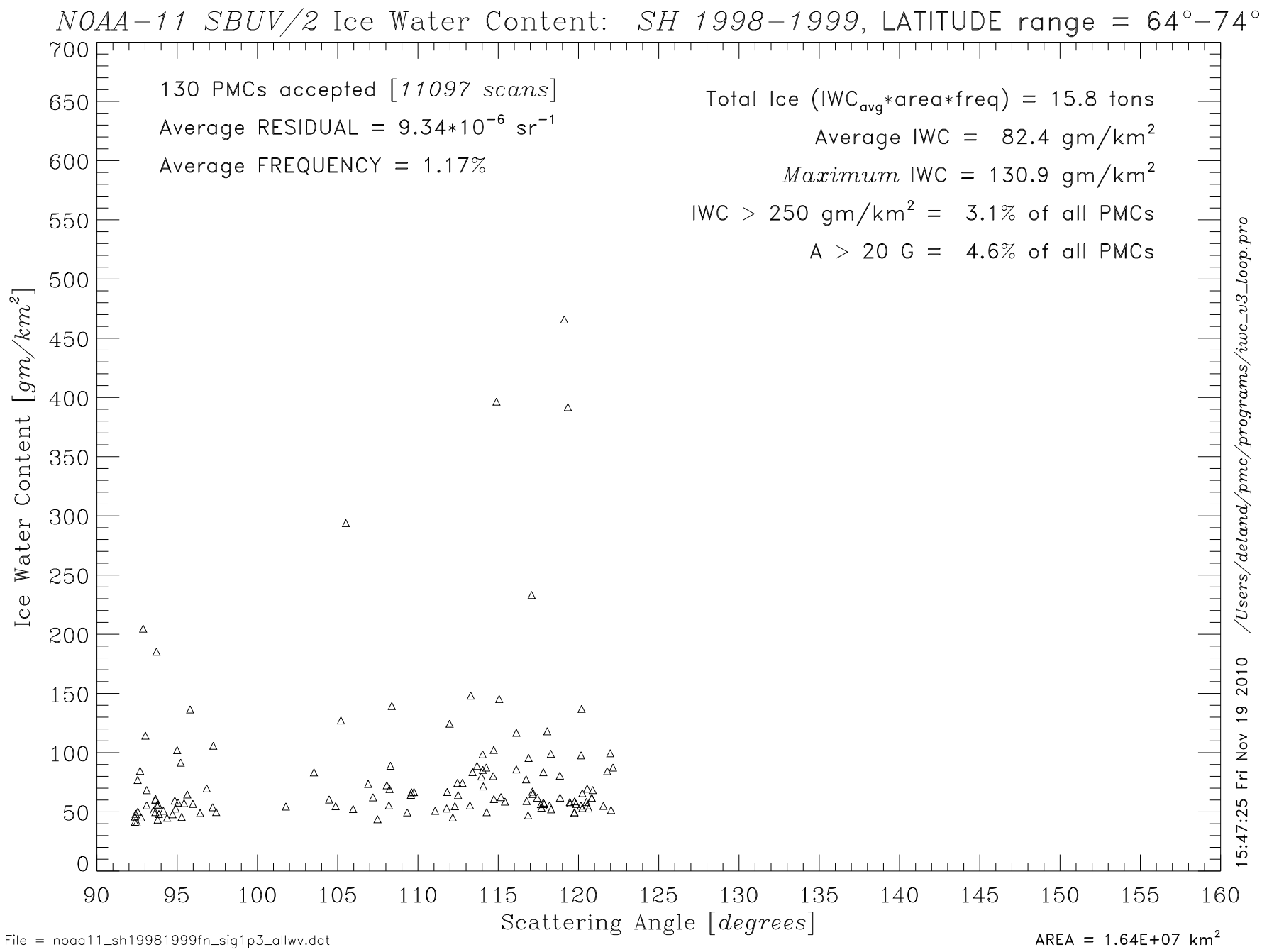

NOAA−11 SBUV/2 Ice Water Content: SH 1991−1992, LATITUDE range = 64°−74°
226 PMCs accepted [10180 scans]
Average RESIDUAL = 10.05*10^-6 sr^-1
Average FREQUENCY = 2.22%
Total Ice (IWC_avg*area*freq) = 28.2 tons
Average IWC = 77.6 gm/km^2
Maximum IWC = 120.1 gm/km^2
IWC > 250 gm/km^2 = 0.4% of all PMCs
A > 20 G = 2.2% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:46:09 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19911992fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1992−1993, LATITUDE range = 64°−74°
105 PMCs accepted [11241 scans]
Average RESIDUAL = 9.86*10^-6 sr^-1
Average FREQUENCY = 0.93%
Total Ice (IWC_avg*area*freq) = 11.9 tons
Average IWC = 77.9 gm/km^2
Maximum IWC = 120.7 gm/km^2
IWC > 250 gm/km^2 = 1.9% 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
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:46:12 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19921993fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1993−1994, LATITUDE range = 64°−74°
733 PMCs accepted [13193 scans]
Average RESIDUAL = 9.53*10^-6 sr^-1
Average FREQUENCY = 5.56%
Total Ice (IWC_avg*area*freq) = 66.5 tons
Average IWC = 73.2 gm/km^2
Maximum IWC = 113.8 gm/km^2
IWC > 250 gm/km^2 = 0.4% 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
125
130
135
140
145
150
155
160
15:46:16 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19931994fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1994−1995, LATITUDE range = 64°−74°
686 PMCs accepted [13531 scans]
Average RESIDUAL = 10.43*10^-6 sr^-1
Average FREQUENCY = 5.07%
Total Ice (IWC_avg*area*freq) = 66.2 tons
Average IWC = 79.9 gm/km^2
Maximum IWC = 120.0 gm/km^2
IWC > 250 gm/km^2 = 0.6% 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
15:46:20 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19941995fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1997−1998, LATITUDE range = 64°−74°
616 PMCs accepted [13050 scans]
Average RESIDUAL = 9.68*10^−6 sr^−1
Average FREQUENCY = 4.72%
Total Ice (IWC_avg*area*freq) = 62.5 tons
Average IWC = 81.0 gm/km^2
Maximum IWC = 126.6 gm/km^2
IWC > 250 gm/km^2 = 1.1% of all PMCs
A > 20 G = 3.2% 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
15:47:22 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19971998fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1998−1999, LATITUDE range = 64°−74°
130 PMCs accepted [11097 scans]
Average RESIDUAL = 9.34*10^-6 sr^-1
Average FREQUENCY = 1.17%
Total Ice (IWC_avg*area*freq) = 15.8 tons
Average IWC = 82.4 gm/km^2
Maximum IWC = 130.9 gm/km^2
IWC > 250 gm/km^2 = 3.1% 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
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550
600
650
700
90
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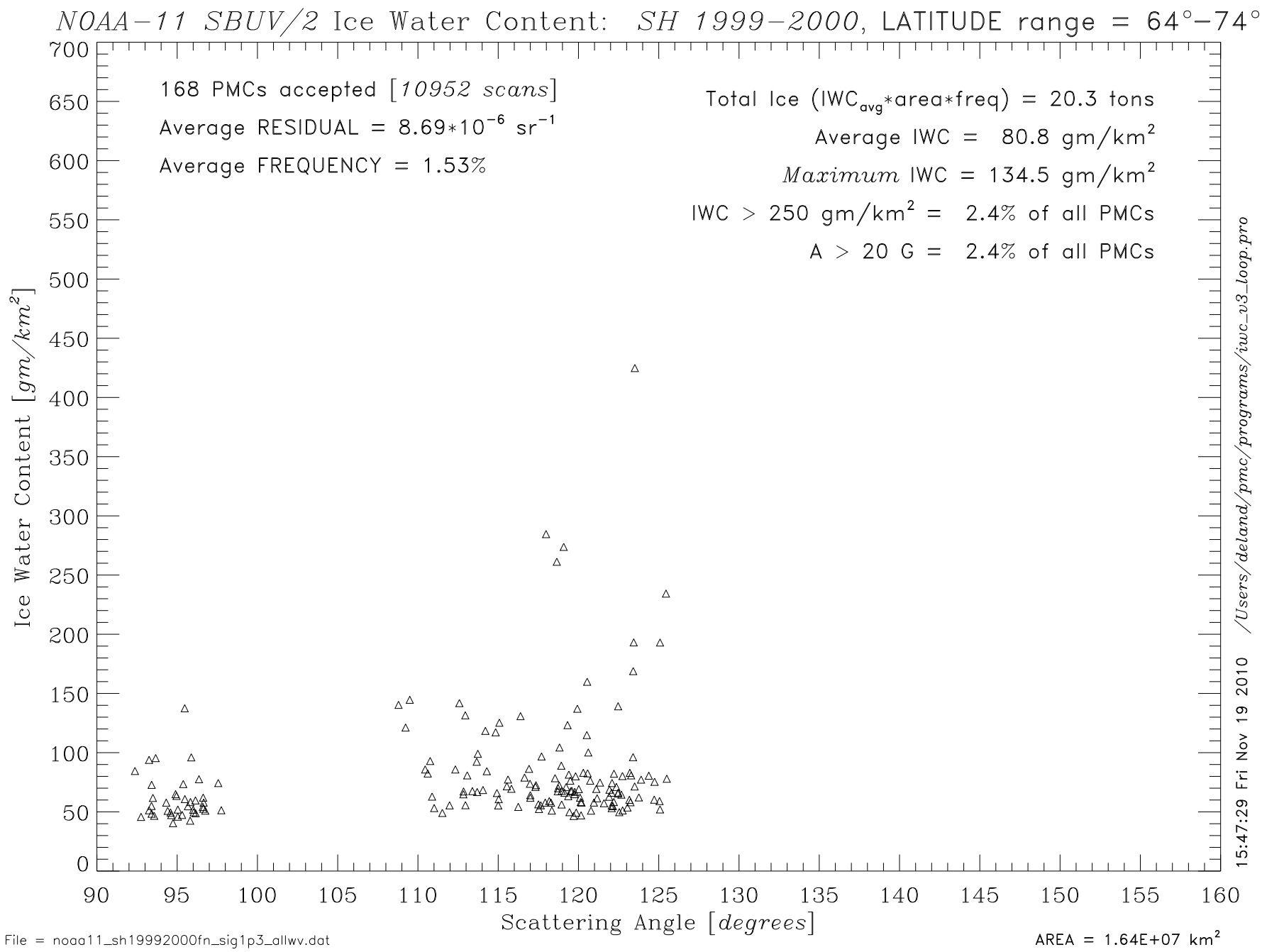
160
/Users/deland/pmc/programs/iwc_v3_loop.pro
15:47:25 Fri Nov 19 2010
File = noaa11_sh19981999fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1999−2000, LATITUDE range = 64°−74°
168 PMCs accepted [10952 scans]
Average RESIDUAL = 8.69*10^-6 sr^-1
Average FREQUENCY = 1.53%
Total Ice (IWC_avg*area*freq) = 20.3 tons
Average IWC = 80.8 gm/km^2
Maximum IWC = 134.5 gm/km^2
IWC > 250 gm/km^2 = 2.4% of all PMCs
A > 20 G = 2.4% 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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700
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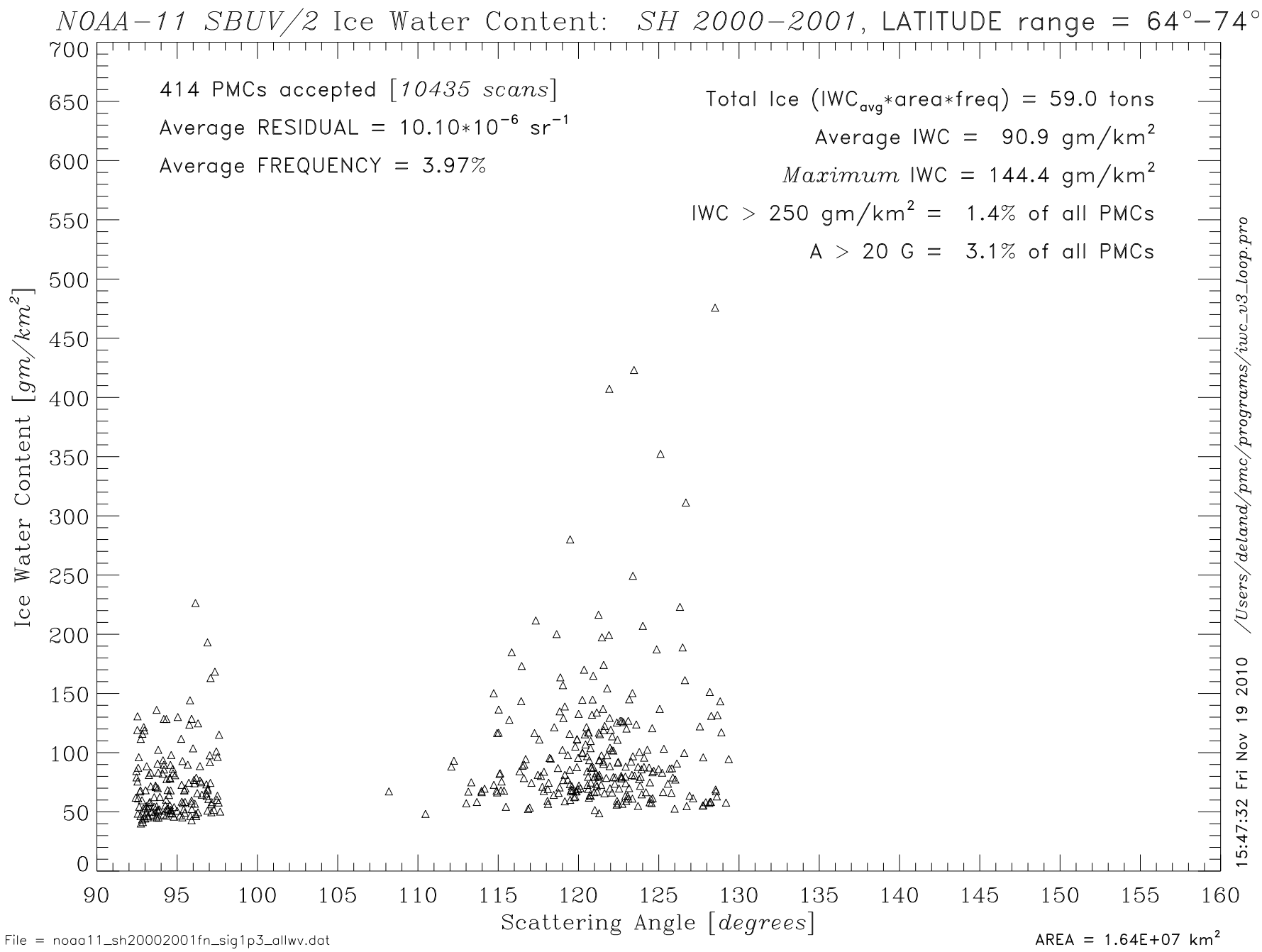
155
160
15:47:29 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19992000fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 2000−2001, LATITUDE range = 64°−74°
414 PMCs accepted [10435 scans]
Average RESIDUAL = 10.10*10^-6 sr^-1
Average FREQUENCY = 3.97%
Total Ice (IWC_avg*area*freq) = 59.0 tons
Average IWC = 90.9 gm/km^2
Maximum IWC = 144.4 gm/km^2
IWC > 250 gm/km^2 = 1.4% 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
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350
400
450
500
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650
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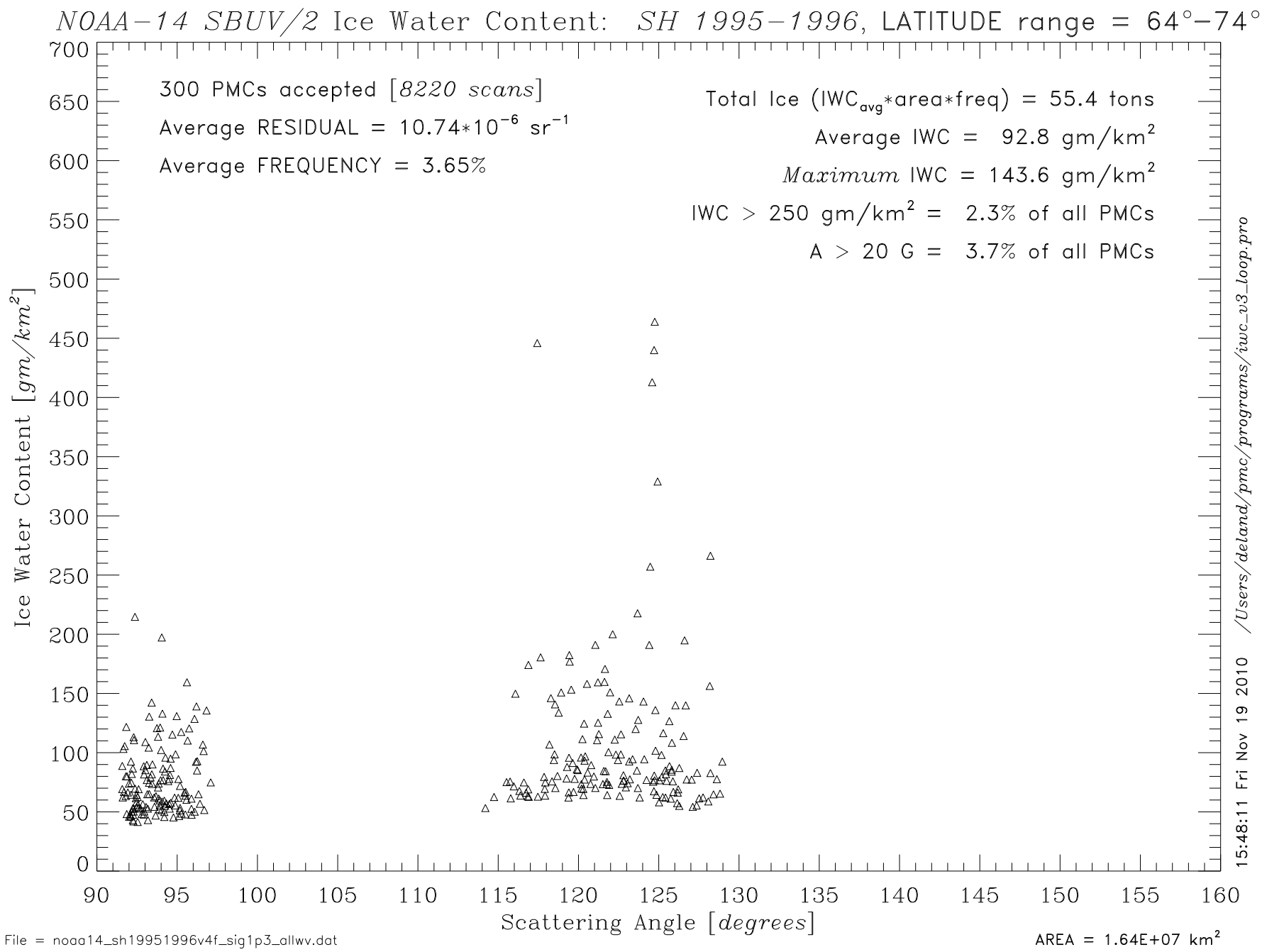
160
15:47:32 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh20002001fn_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: SH 1995−1996, LATITUDE range = 64°−74°
300 PMCs accepted [8220 scans]
Average RESIDUAL = 10.74*10^-6 sr^-1
Average FREQUENCY = 3.65%
Total Ice (IWC_avg*area*freq) = 55.4 tons
Average IWC = 92.8 gm/km^2
Maximum IWC = 143.6 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
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150
200
250
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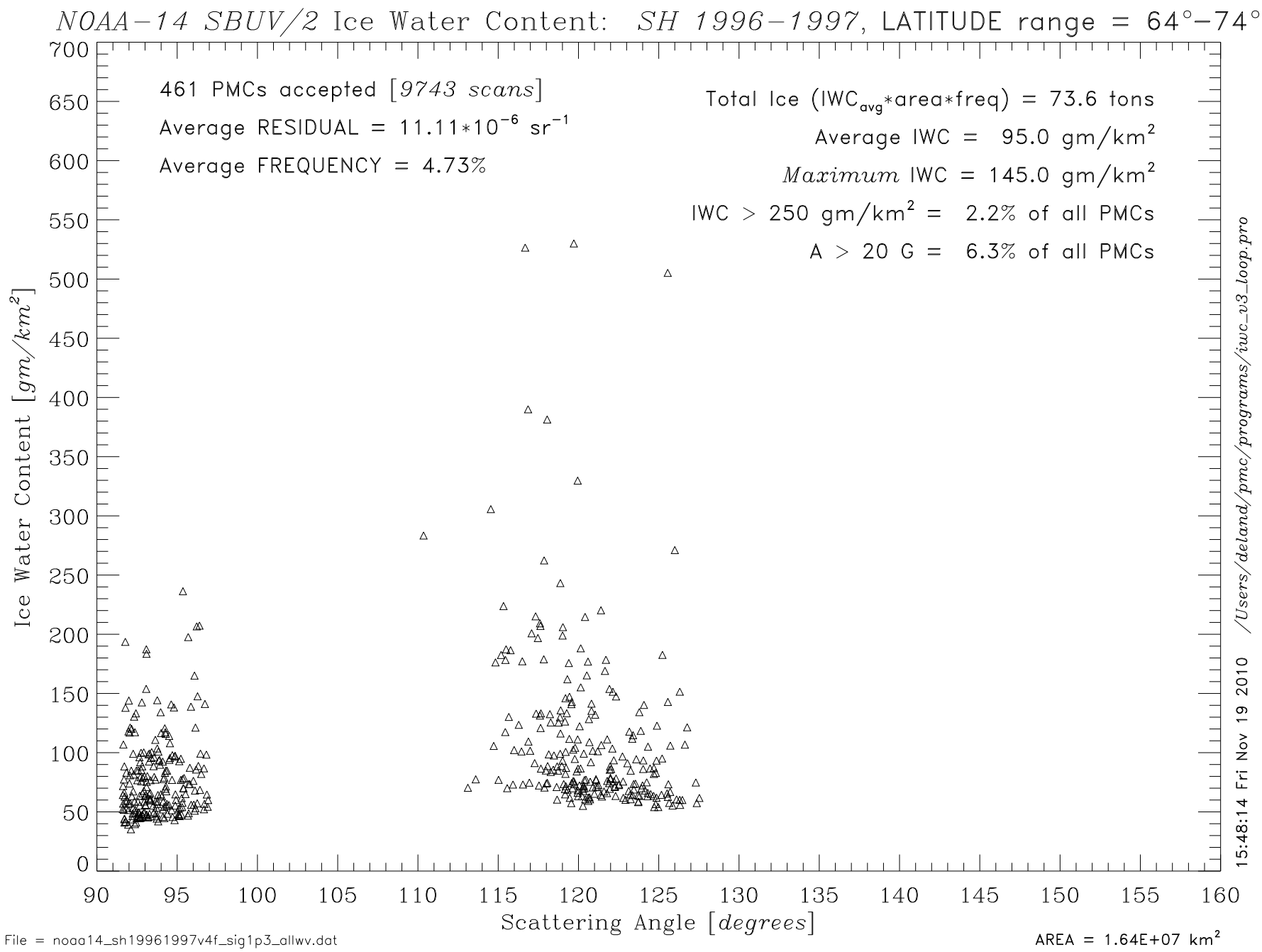
160
15:48:11 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh19951996v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: SH 1996−1997, LATITUDE range = 64°−74°
461 PMCs accepted [9743 scans]
Average RESIDUAL = 11.11*10^-6 sr^-1
Average FREQUENCY = 4.73%
Total Ice (IWC_avg*area*freq) = 73.6 tons
Average IWC = 95.0 gm/km^2
Maximum IWC = 145.0 gm/km^2
IWC > 250 gm/km^2 = 2.2% of all PMCs
A > 20 G = 6.3% 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
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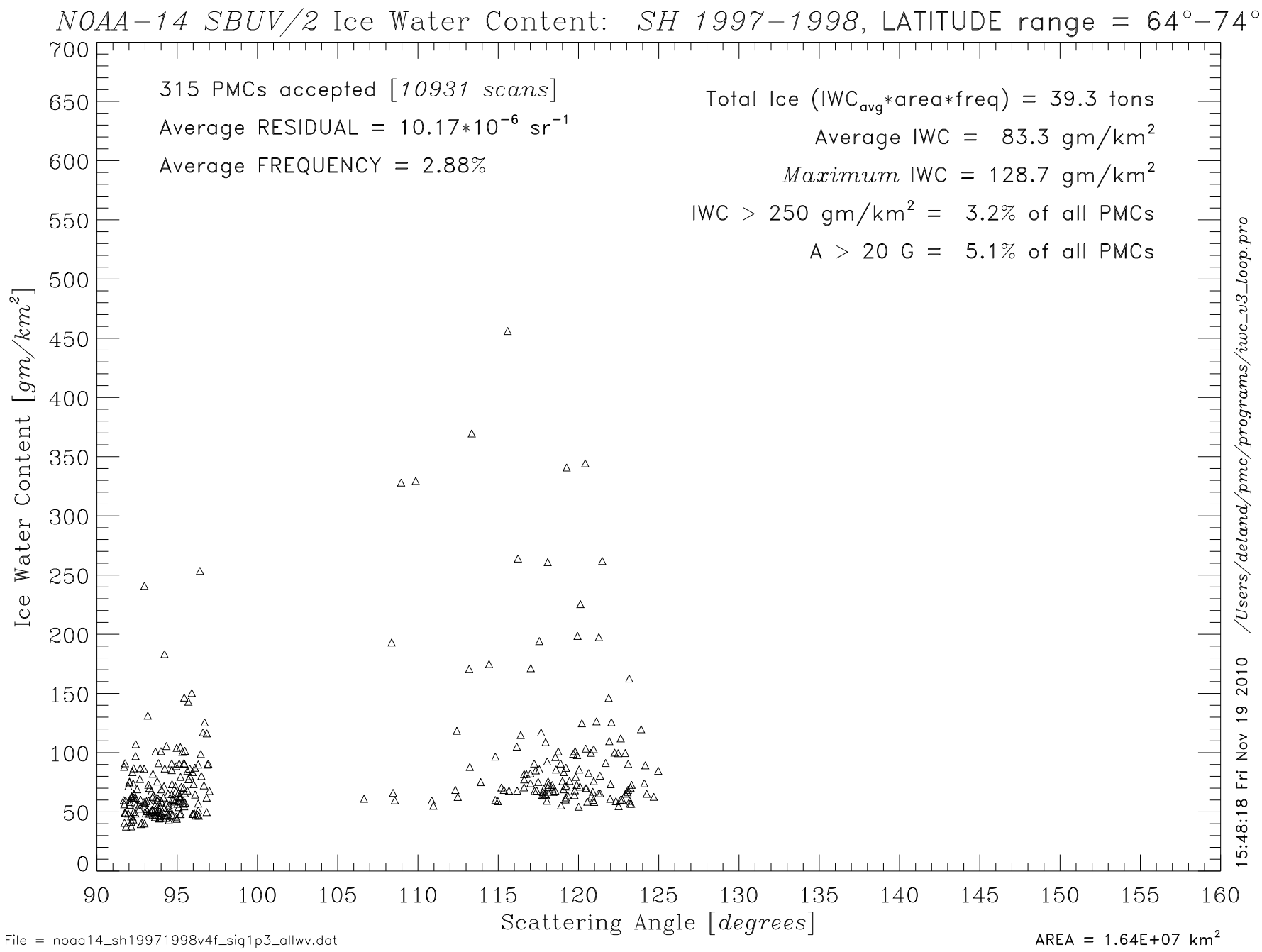
160
15:48:14 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh19961997v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: SH 1997−1998, LATITUDE range = 64°−74°
315 PMCs accepted [10931 scans]
Average RESIDUAL = 10.17*10^-6 sr^-1
Average FREQUENCY = 2.88%
Total Ice (IWC_avg*area*freq) = 39.3 tons
Average IWC = 83.3 gm/km^2
Maximum IWC = 128.7 gm/km^2
IWC > 250 gm/km^2 = 3.2% of all PMCs
A > 20 G = 5.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
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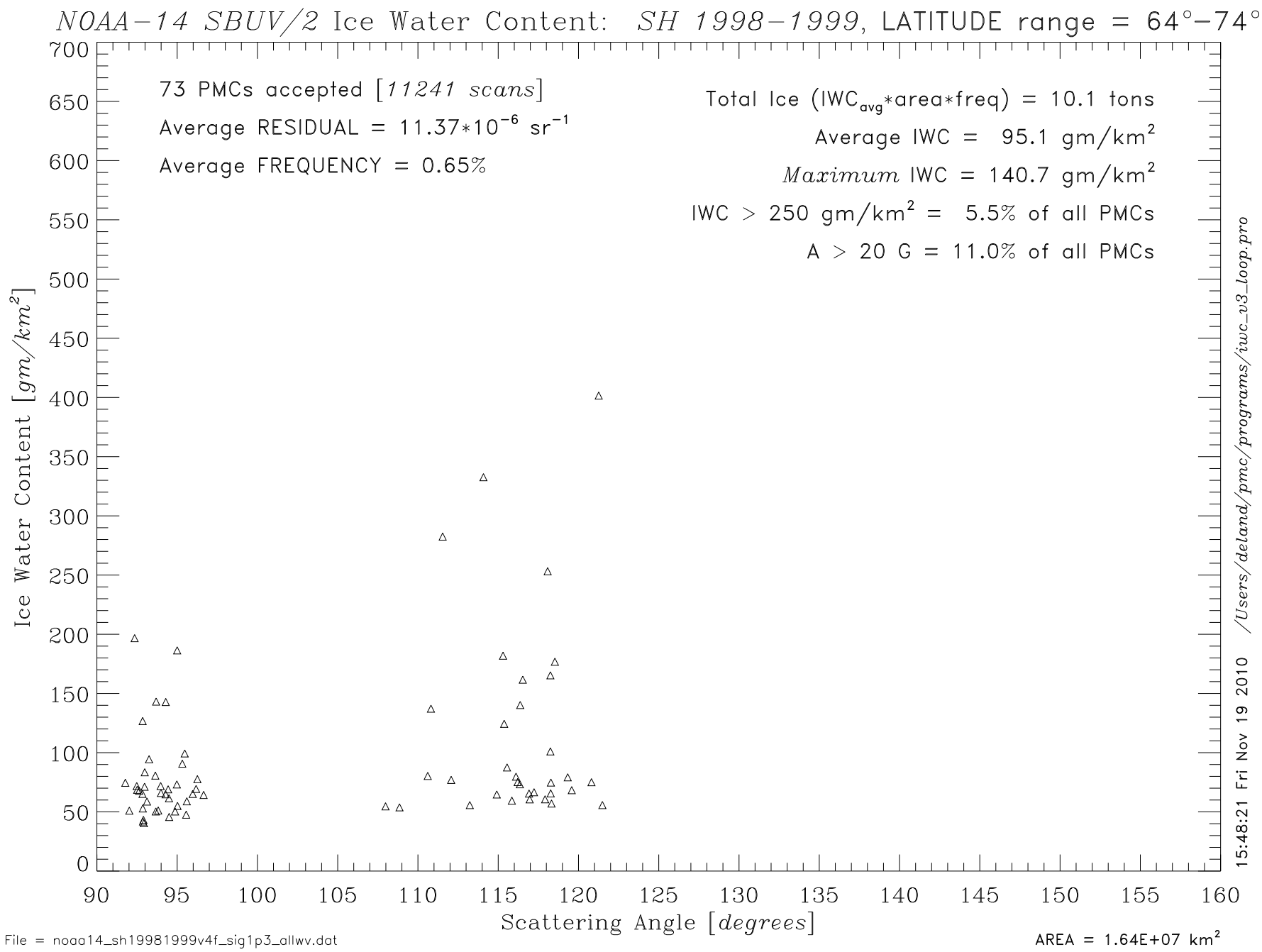
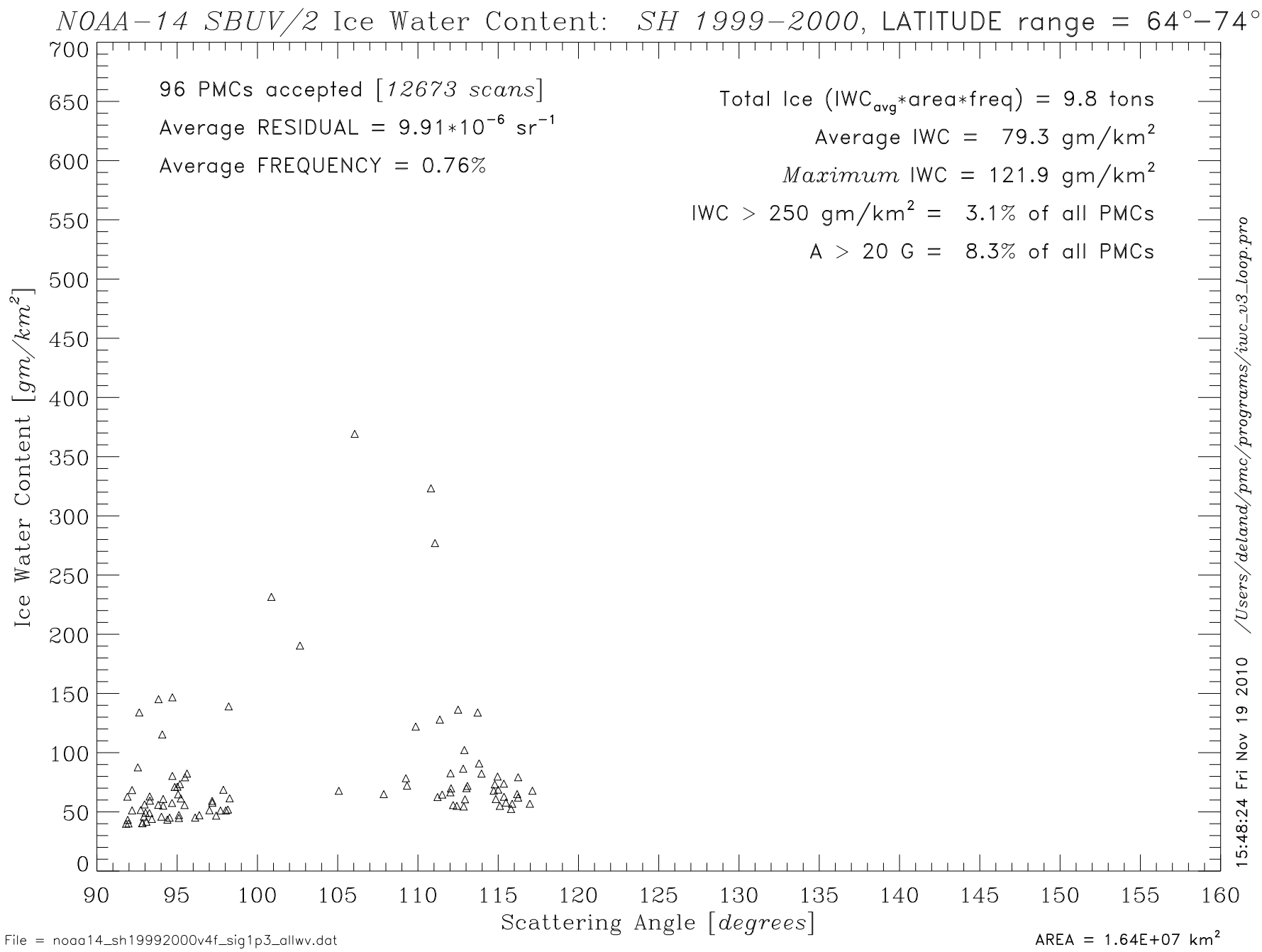
155
160
/Users/deland/pmc/programs/iwc_v3_loop.pro
15:48:18 Fri Nov 19 2010
File = noaa14_sh19971998v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: SH 1998−1999, LATITUDE range = 64°−74°
73 PMCs accepted [11241 scans]
Average RESIDUAL = 11.37*10^-6 sr^-1
Average FREQUENCY = 0.65%
Total Ice (IWC_avg*area*freq) = 10.1 tons
Average IWC = 95.1 gm/km^2
Maximum IWC = 140.7 gm/km^2
IWC > 250 gm/km^2 = 5.5% of all PMCs
A > 20 G = 11.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:48:21 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh19981999v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: SH 1999−2000, LATITUDE range = 64°−74°
96 PMCs accepted [12673 scans]
Average RESIDUAL = 9.91*10^-6 sr^-1
Average FREQUENCY = 0.76%
Total Ice (IWC_avg*area*freq) = 9.8 tons
Average IWC = 79.3 gm/km^2
Maximum IWC = 121.9 gm/km^2
IWC > 250 gm/km^2 = 3.1% of all PMCs
A > 20 G = 8.3% 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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130
135
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145
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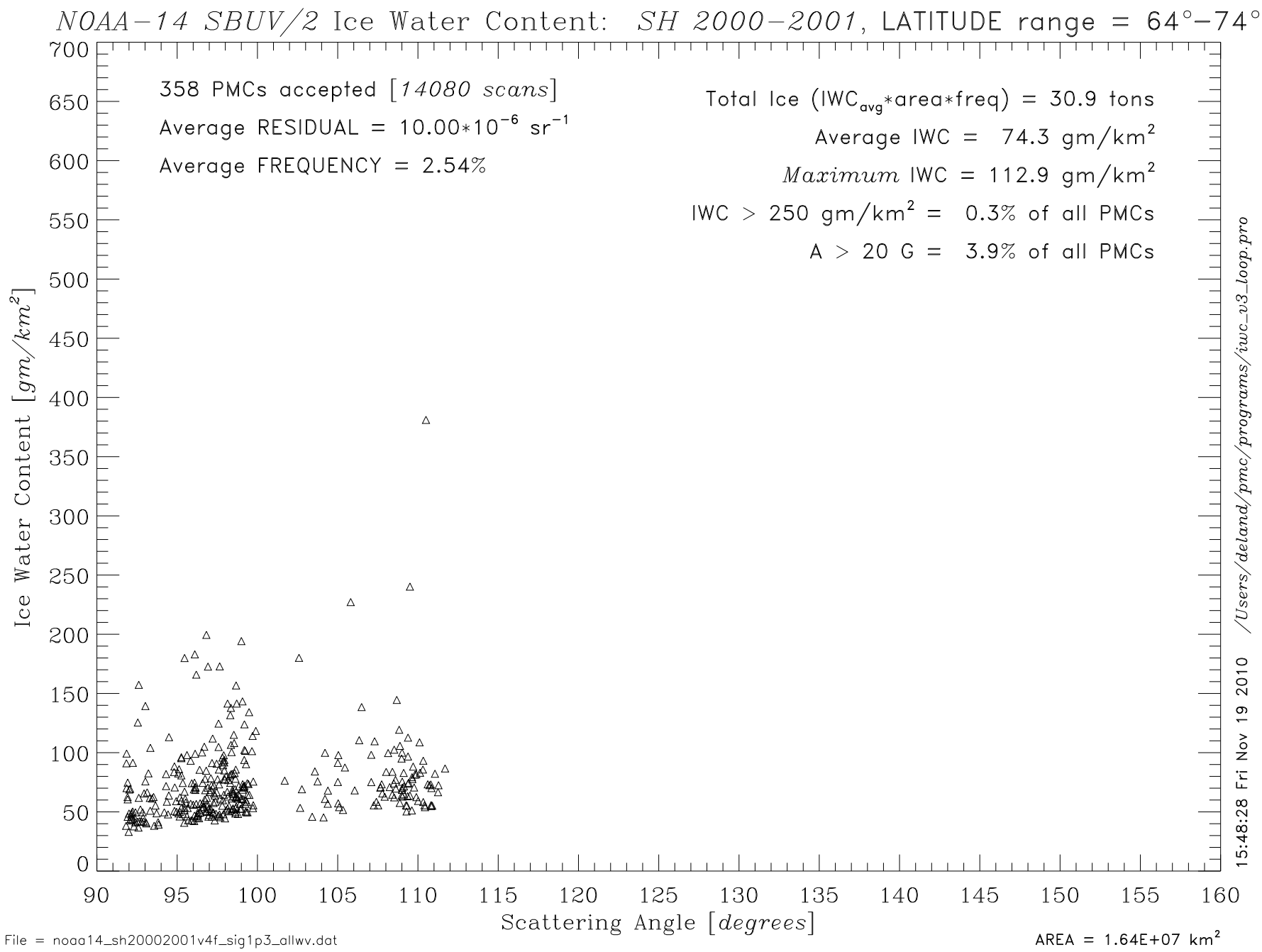
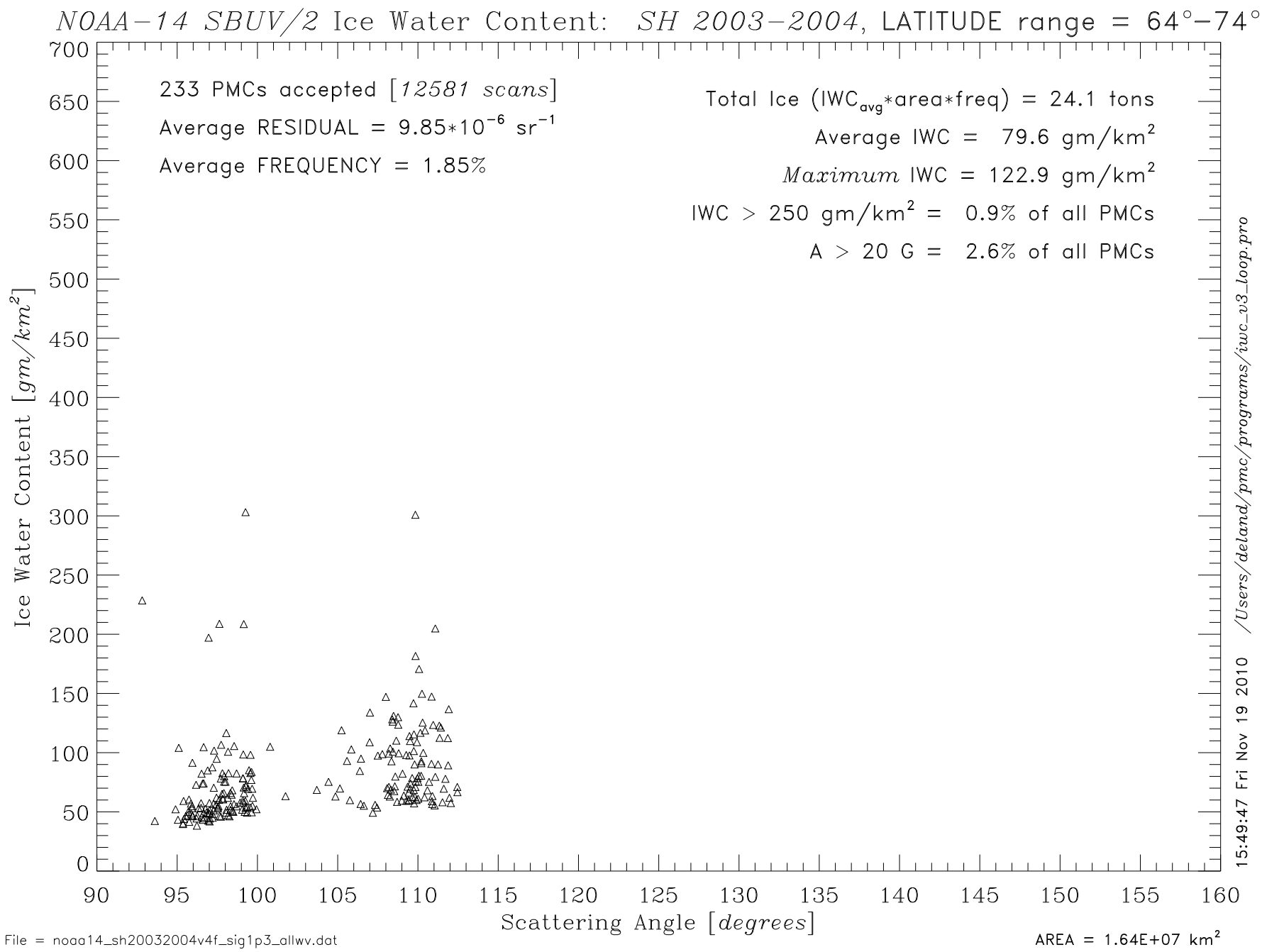
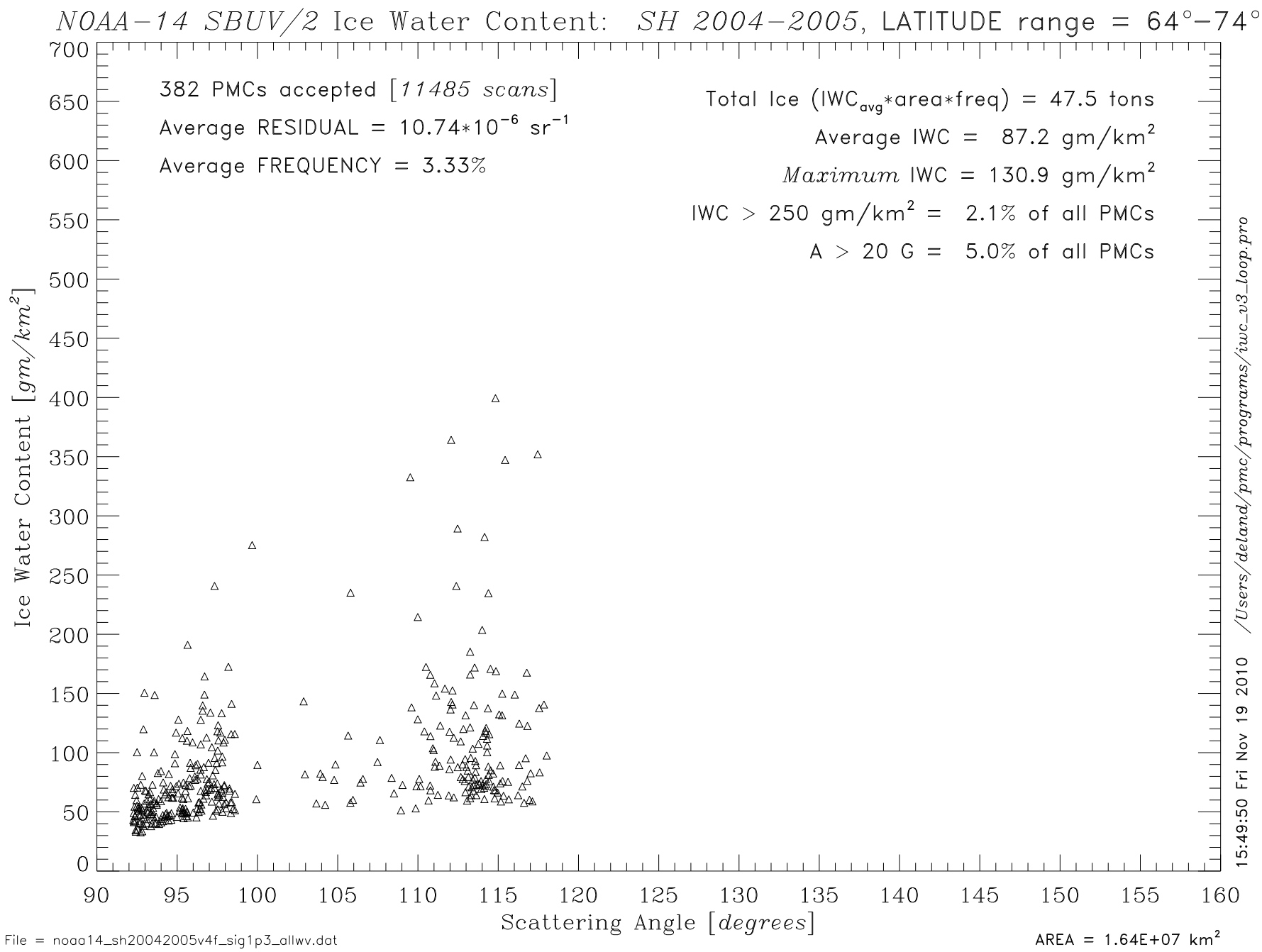
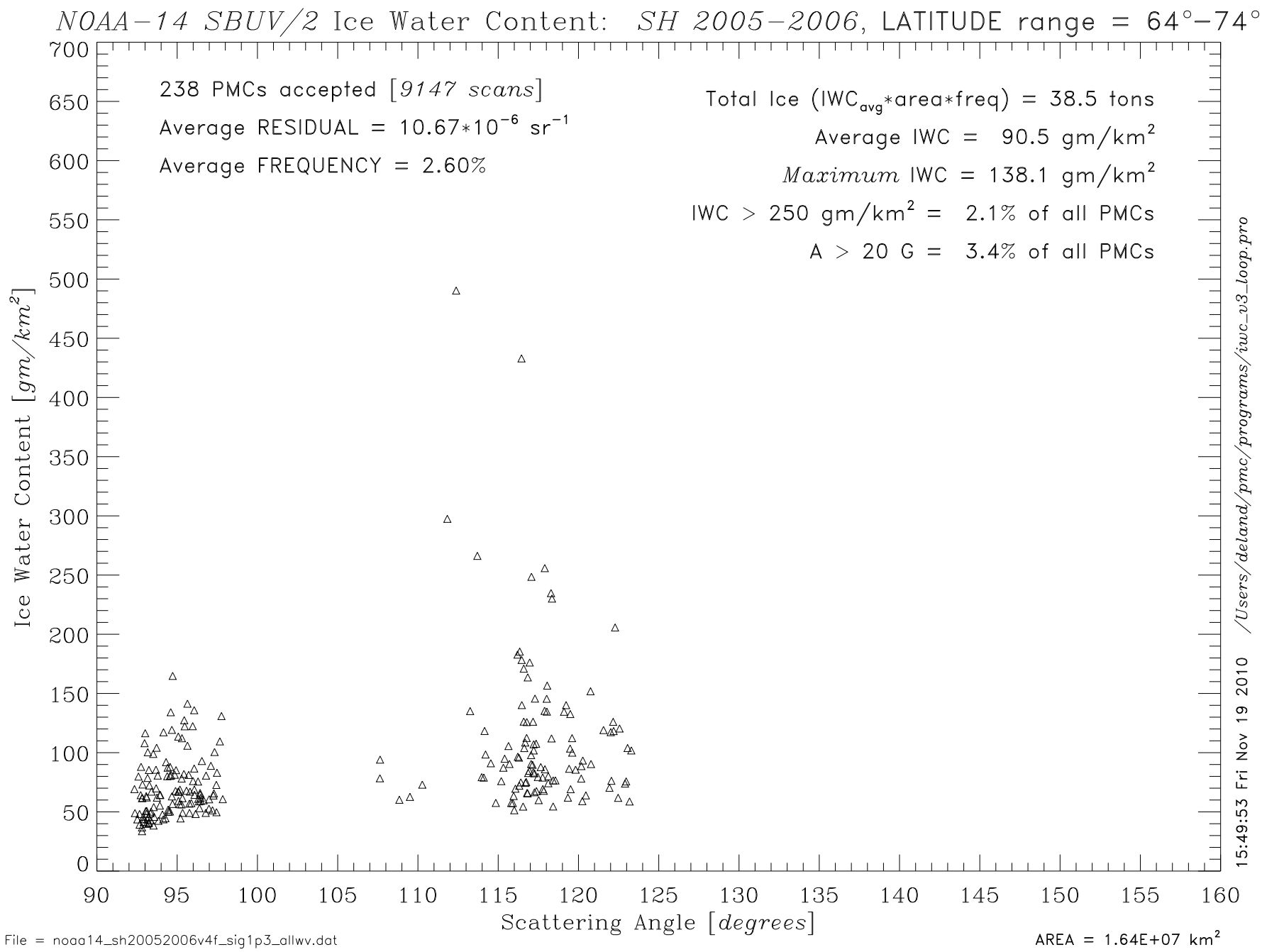
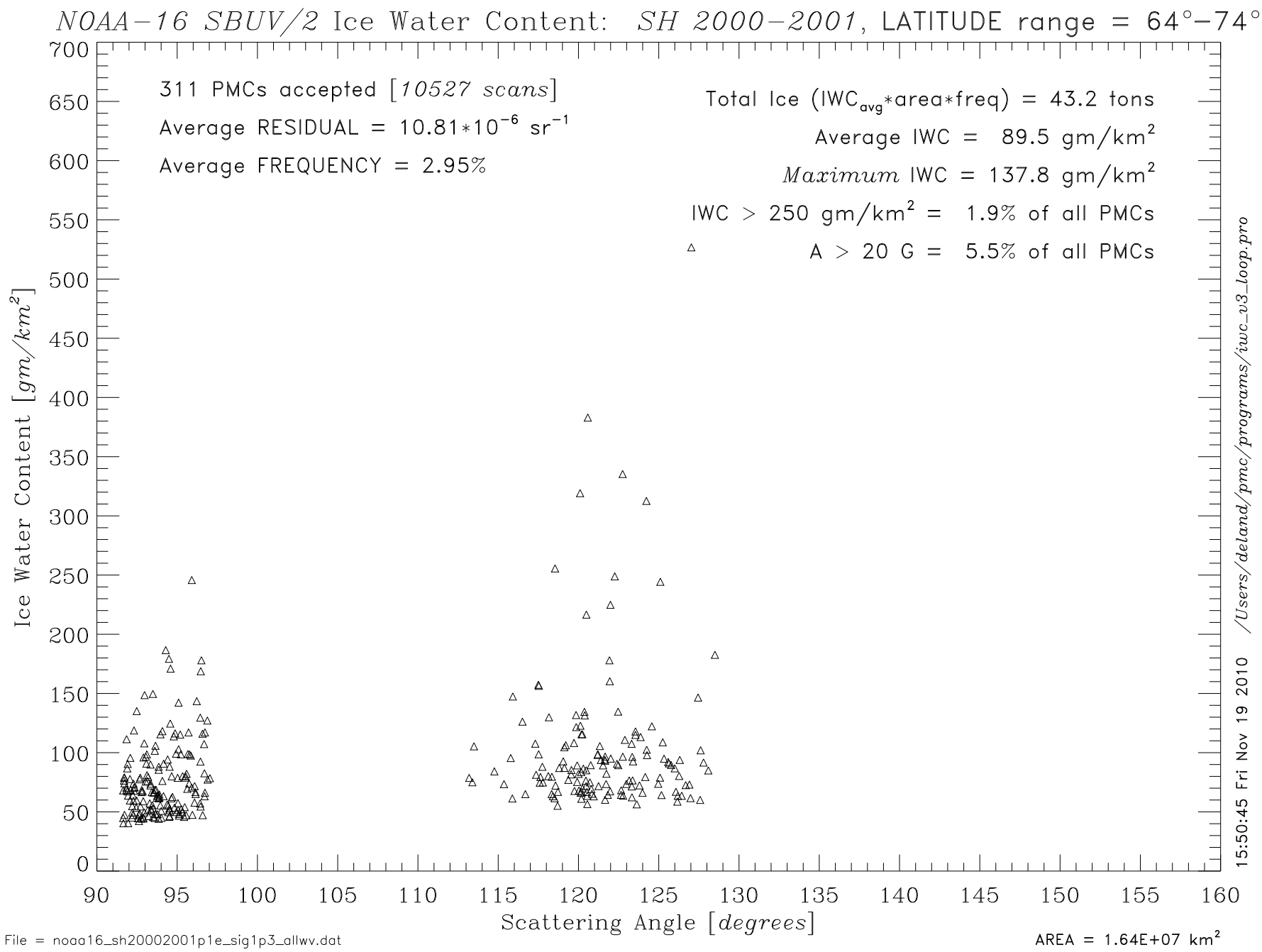
155
160
15:48:24 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh19992000v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

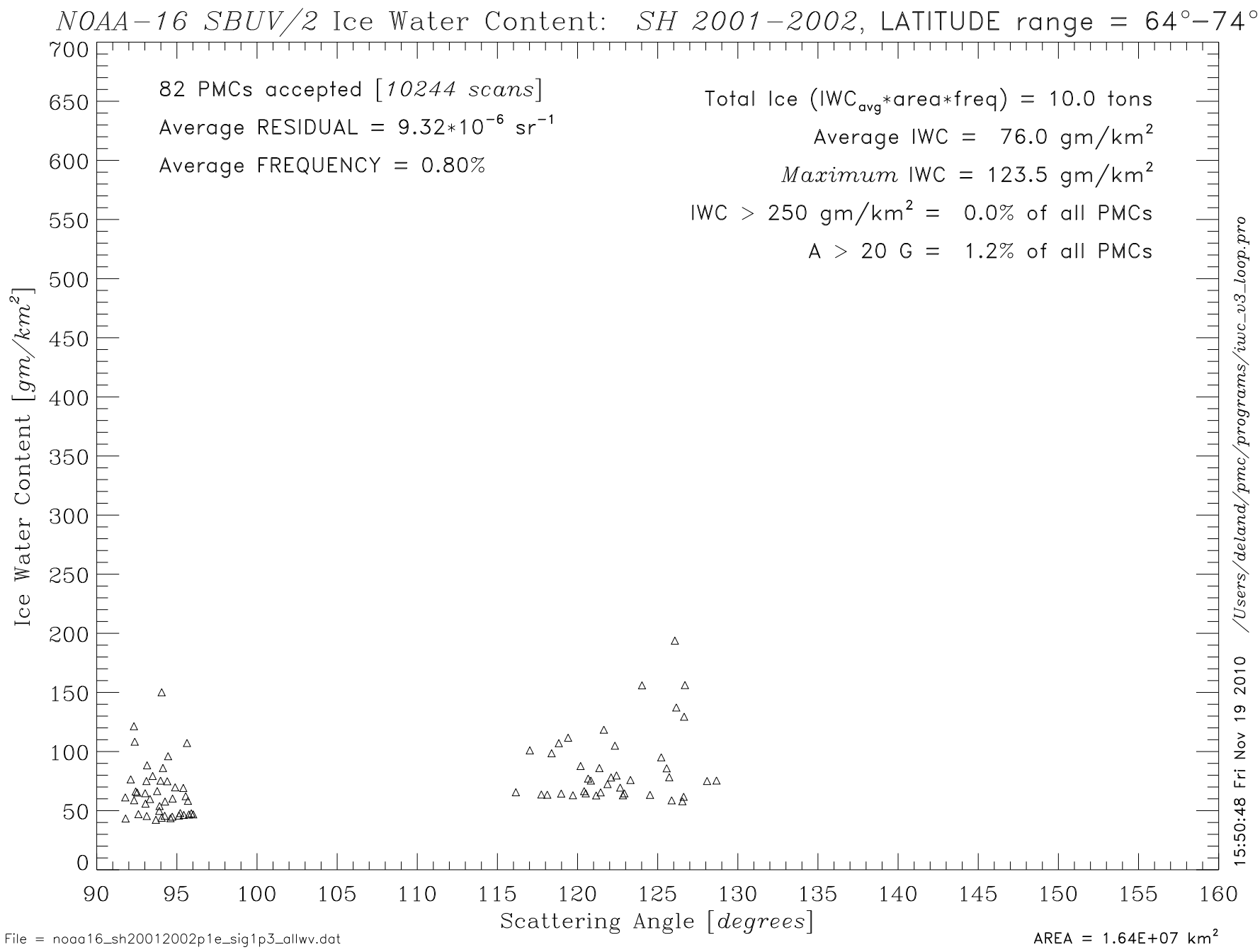

NOAA−14 SBUV/2 Ice Water Content: SH 2000−2001, LATITUDE range = 64°−74°
358 PMCs accepted [14080 scans]
Average RESIDUAL = 10.00*10^-6 sr^-1
Average FREQUENCY = 2.54%
Total Ice (IWC_avg*area*freq) = 30.9 tons
Average IWC = 74.3 gm/km^2
Maximum IWC = 112.9 gm/km^2
IWC > 250 gm/km^2 = 0.3% of all PMCs
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
140
145
150
155
160
15:48:28 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh20002001v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

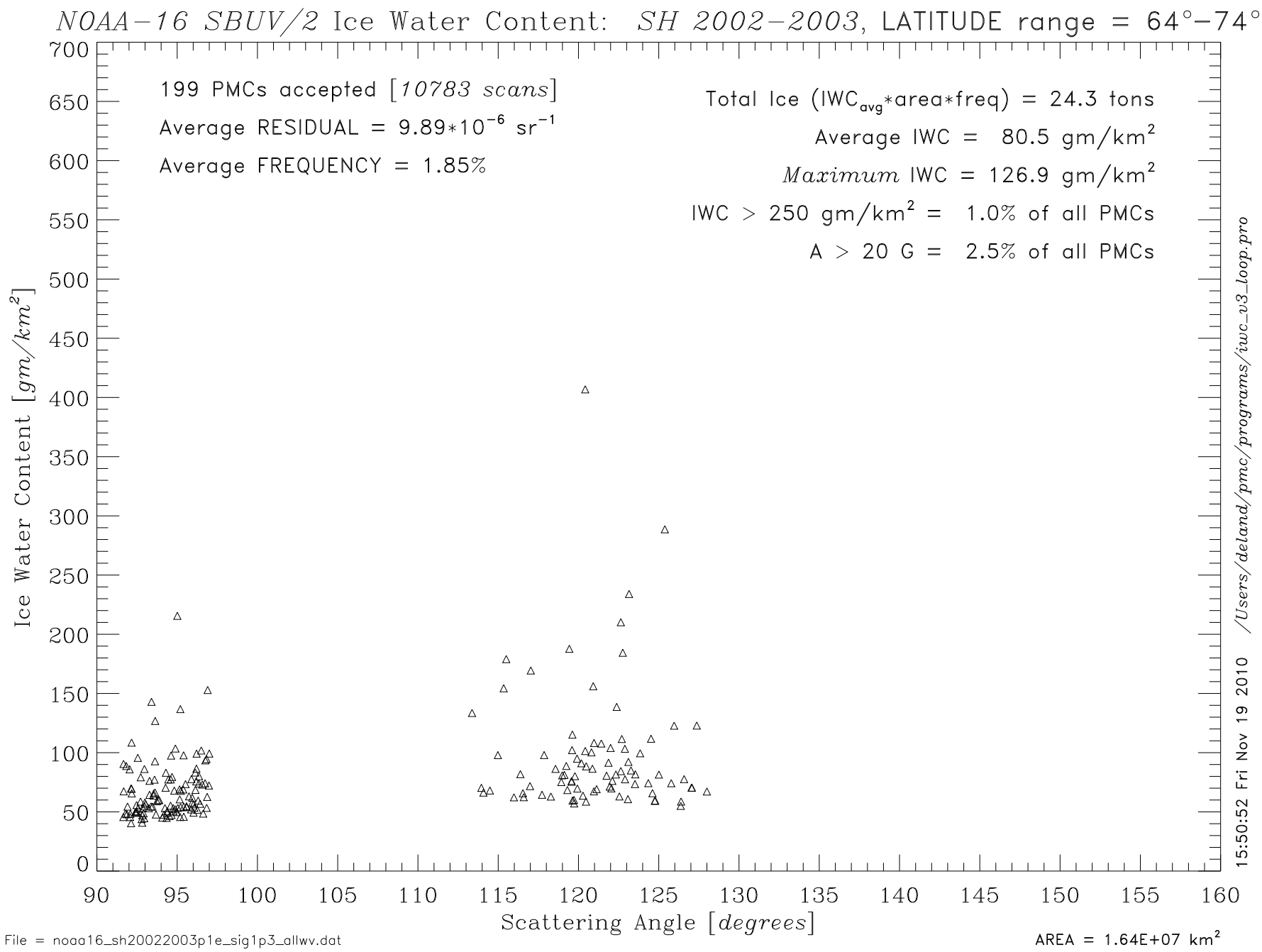

NOAA−14 SBUV/2 Ice Water Content: SH 2003−2004, LATITUDE range = 64°−74°
233 PMCs accepted [12581 scans]
Average RESIDUAL = 9.85*10^-6 sr^-1
Average FREQUENCY = 1.85%
Total Ice (IWC_avg*area*freq) = 24.1 tons
Average IWC = 79.6 gm/km^2
Maximum IWC = 122.9 gm/km^2
IWC > 250 gm/km^2 = 0.9% of all PMCs
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
15:49:47 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh20032004v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

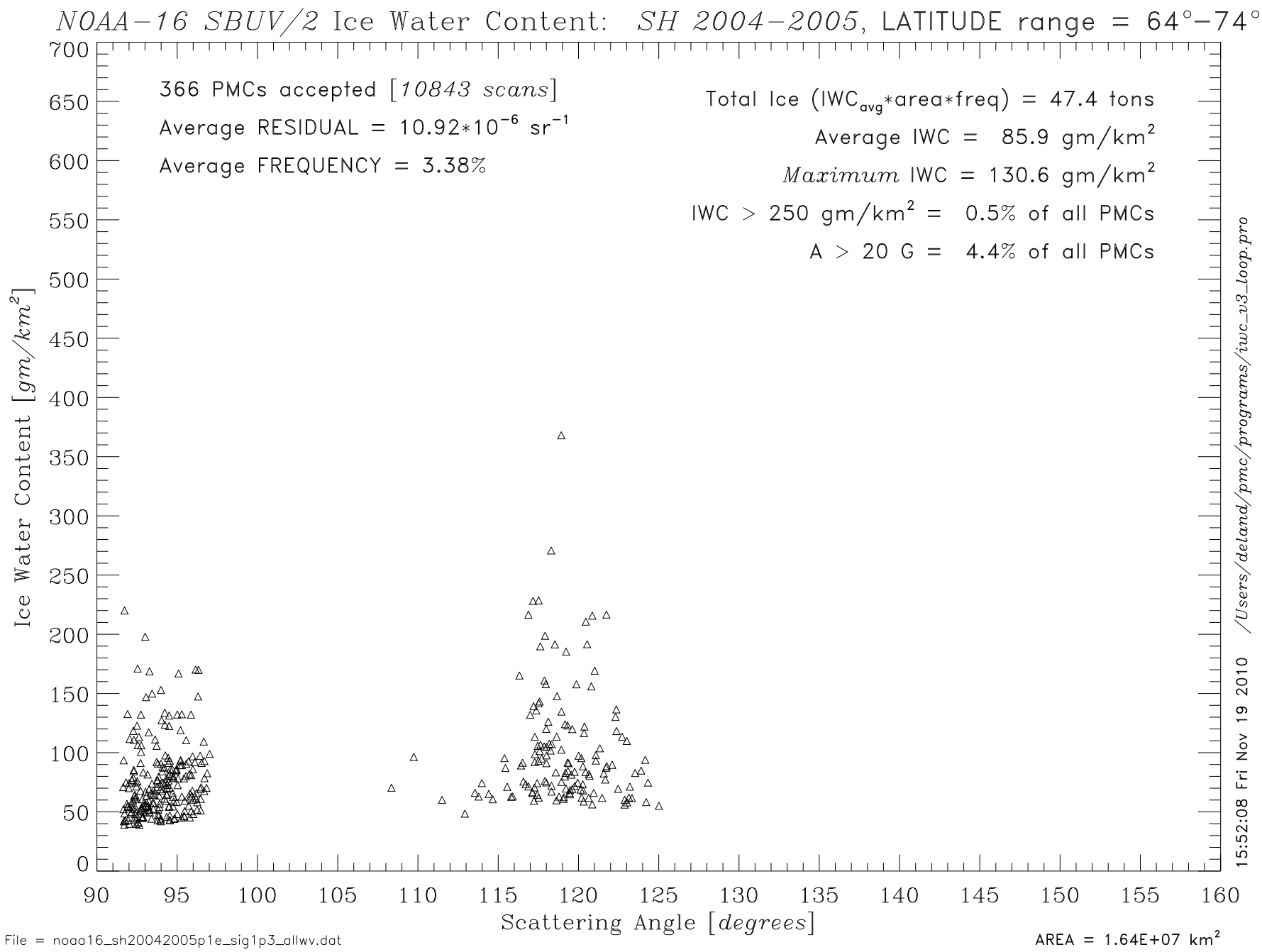

NOAA−14 SBUV/2 Ice Water Content: SH 2004−2005, LATITUDE range = 64°−74°
382 PMCs accepted [11485 scans]
Average RESIDUAL = 10.74*10^-6 sr^-1
Average FREQUENCY = 3.33%
Total Ice (IWC_avg*area*freq) = 47.5 tons
Average IWC = 87.2 gm/km^2
Maximum IWC = 130.9 gm/km^2
IWC > 250 gm/km^2 = 2.1% of all PMCs
A > 20 G = 5.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:49:50 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh20042005v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

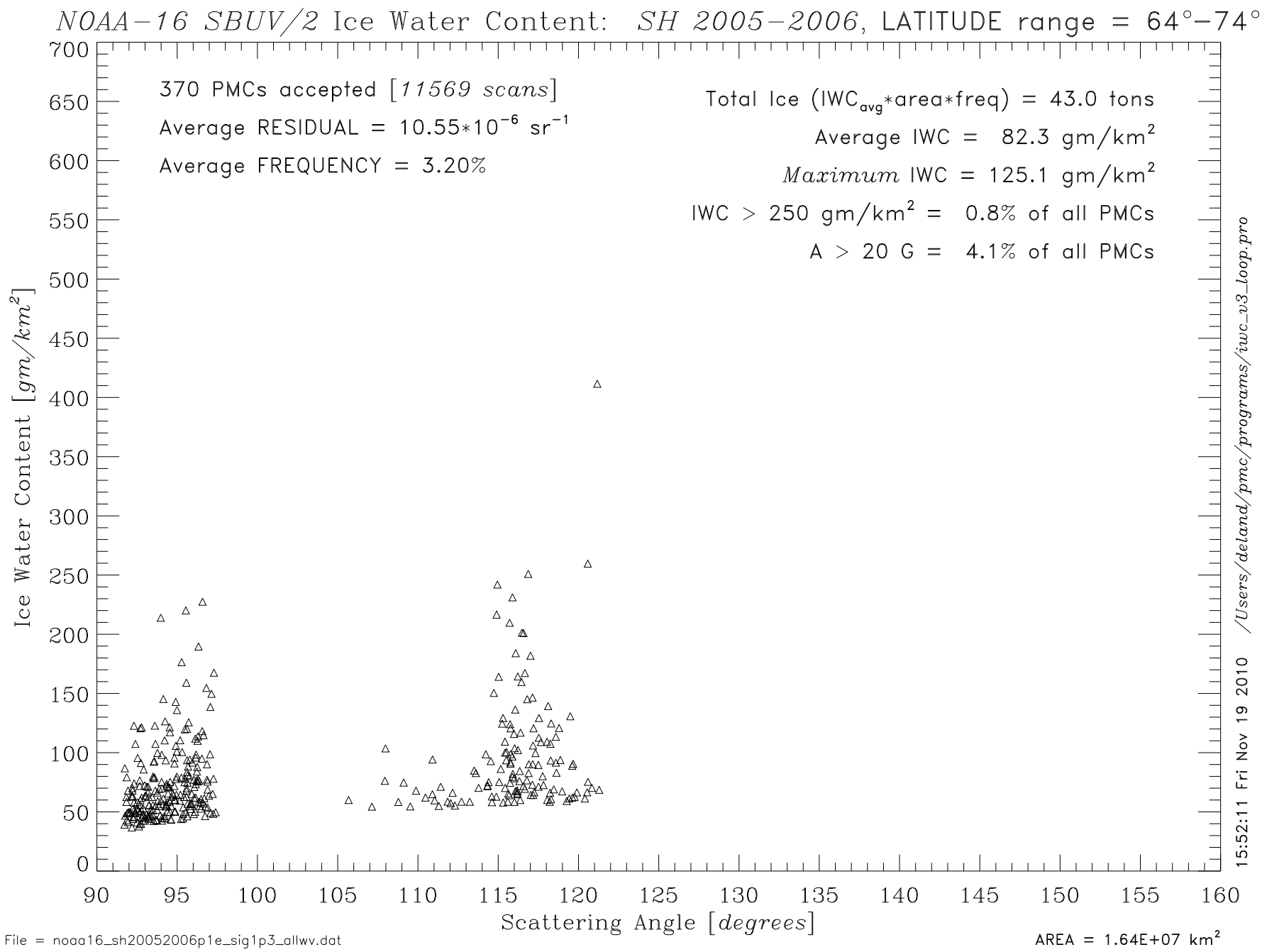

NOAA−14 SBUV/2 Ice Water Content: SH 2005−2006, LATITUDE range = 64°−74°
238 PMCs accepted [9147 scans]
Average RESIDUAL = 10.67*10^-6 sr^-1
Average FREQUENCY = 2.60%
Total Ice (IWC_avg*area*freq) = 38.5 tons
Average IWC = 90.5 gm/km^2
Maximum IWC = 138.1 gm/km^2
IWC > 250 gm/km^2 = 2.1% of all PMCs
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
15:49:53 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh20052006v4f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

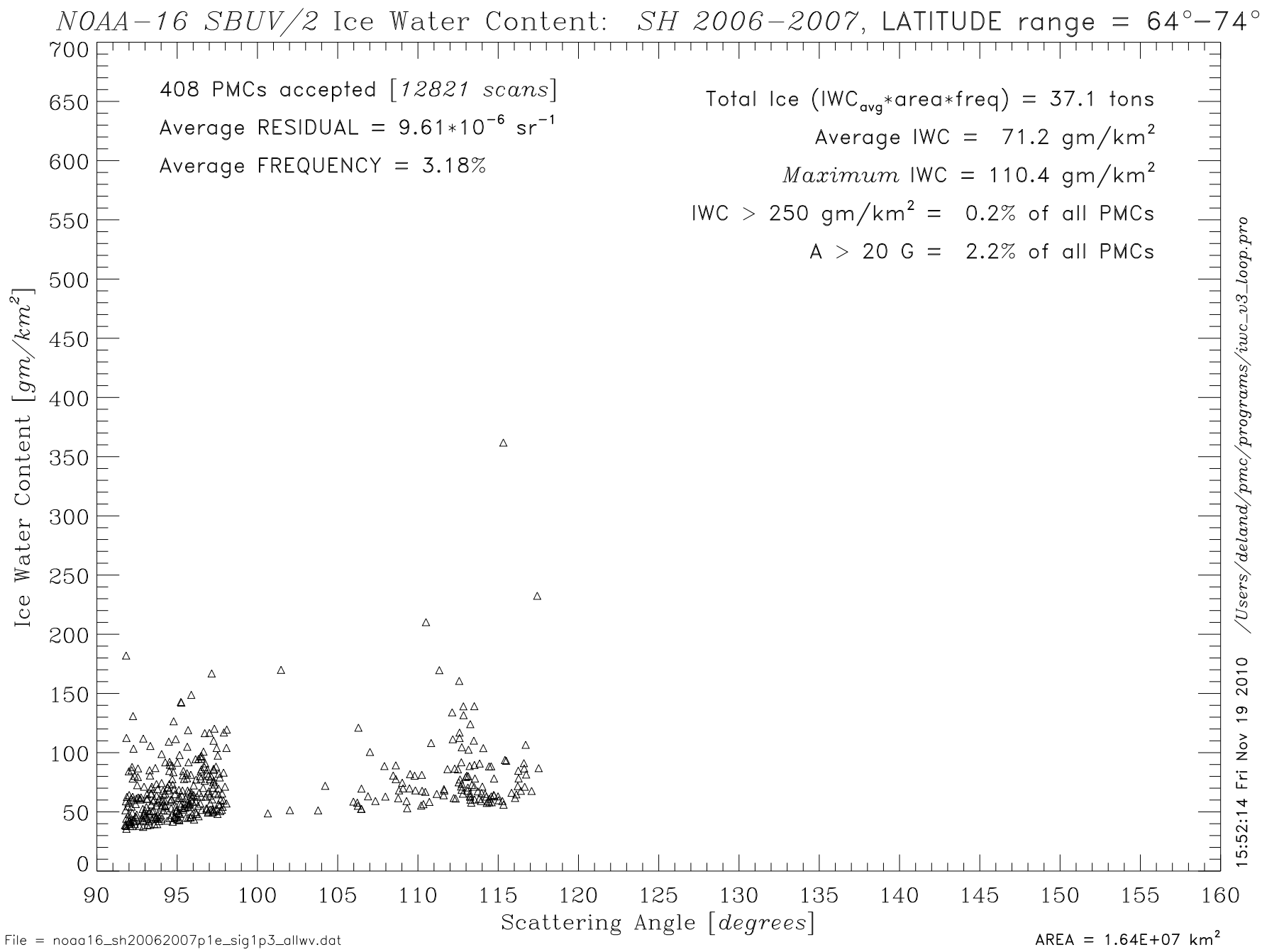

NOAA−16 SBUV/2 Ice Water Content: SH 2000−2001, LATITUDE range = 64°−74°
311 PMCs accepted [10527 scans]
Average RESIDUAL = 10.81*10^-6 sr^-1
Average FREQUENCY = 2.95%
Total Ice (IWC_avg*area*freq) = 43.2 tons
Average IWC = 89.5 gm/km^2
Maximum IWC = 137.8 gm/km^2
IWC > 250 gm/km^2 = 1.9% of all PMCs
A > 20 G = 5.5% 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
15:50:45 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_sh20002001p1e_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

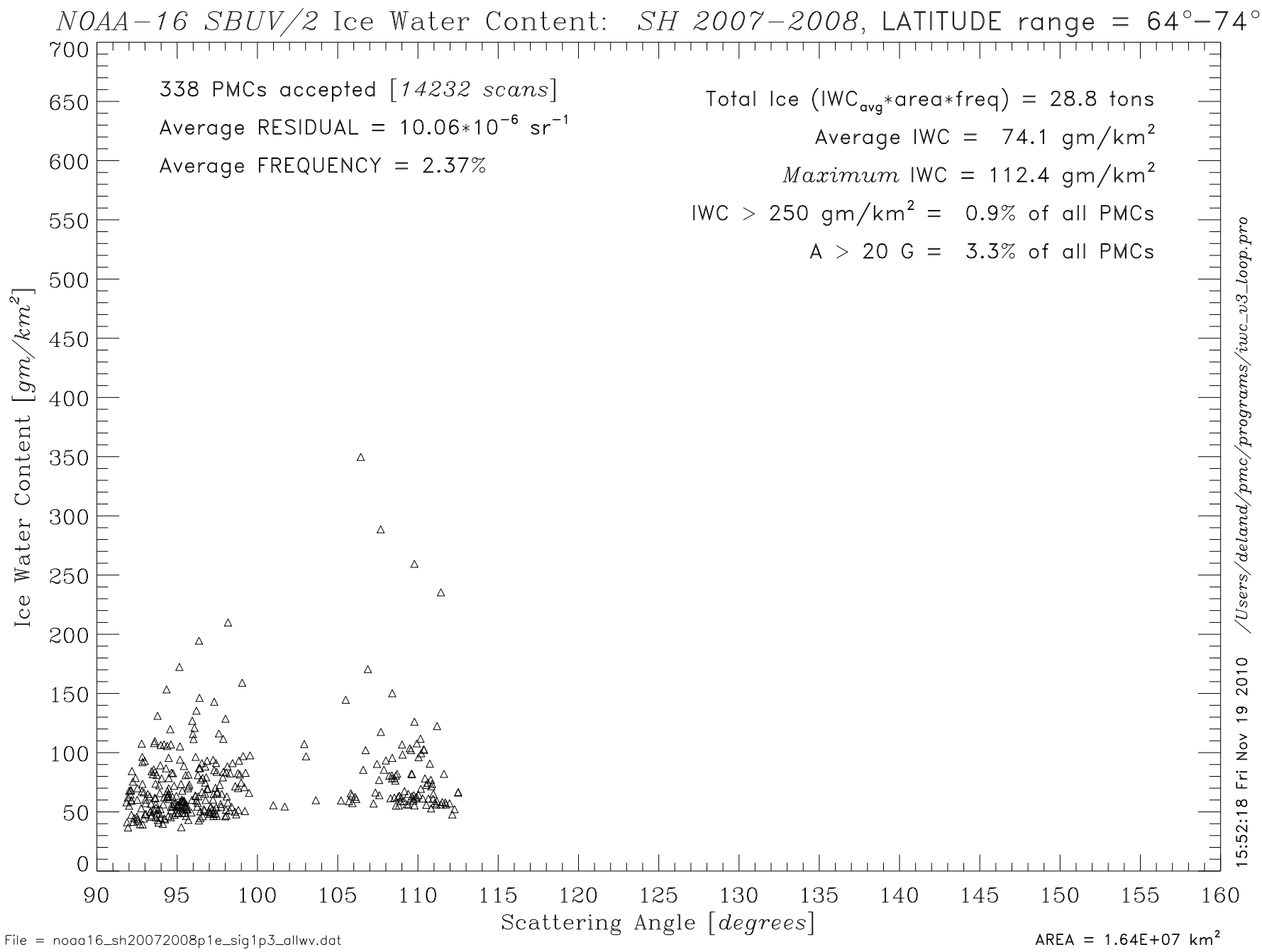

NOAA−16 SBUV/2 Ice Water Content: SH 2001−2002, LATITUDE range = 64°−74°
82 PMCs accepted [10244 scans]
Average RESIDUAL = 9.32*10^-6 sr^-1
Average FREQUENCY = 0.80%
Total Ice (IWC_avg*area*freq) = 10.0 tons
Average IWC = 76.0 gm/km^2
Maximum IWC = 123.5 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 20 G = 1.2% 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
15:50:48 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_sh20012002p1e_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

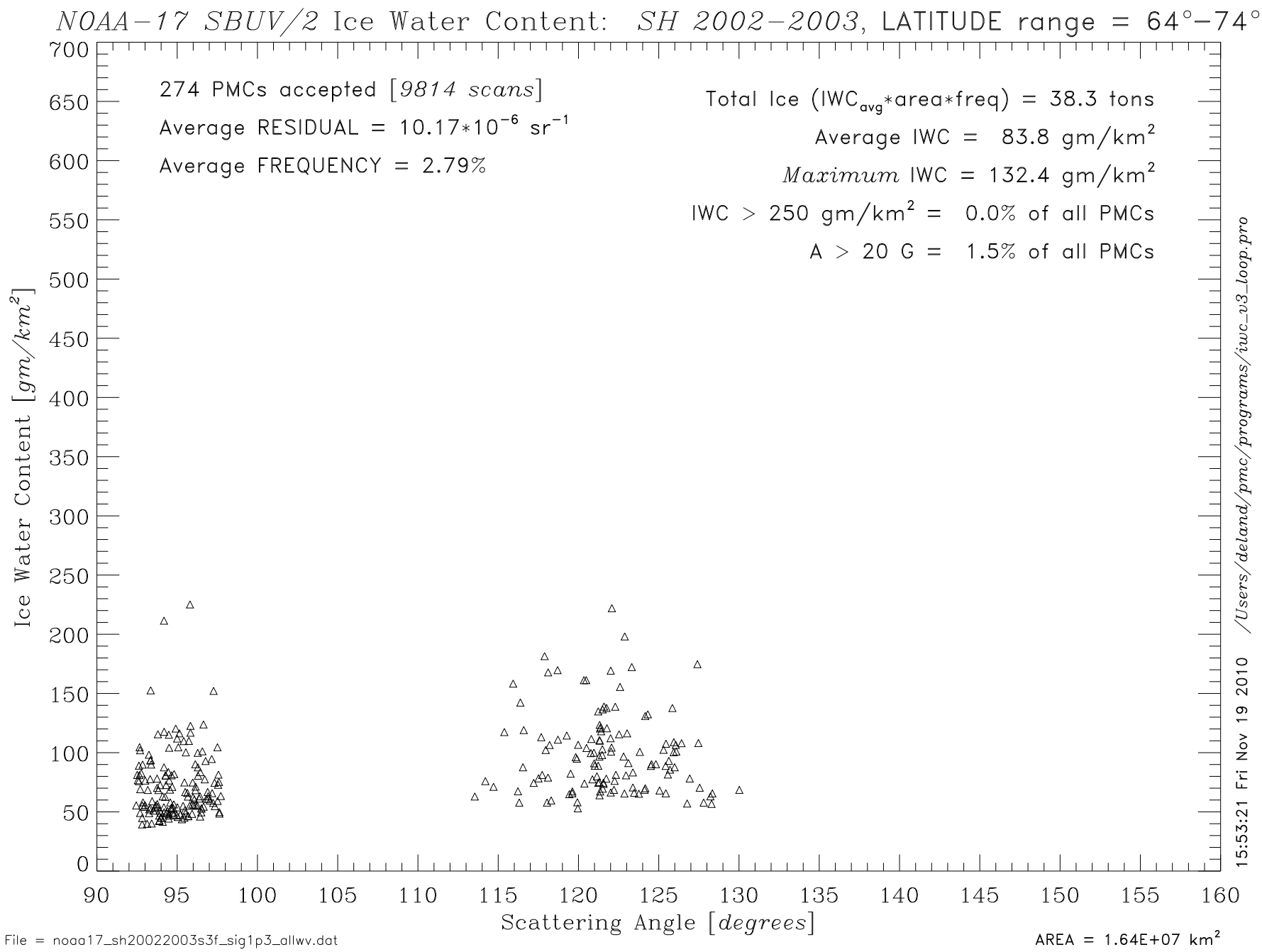

NOAA−16 SBUV/2 Ice Water Content: SH 2002−2003, LATITUDE range = 64°−74°
199 PMCs accepted [10783 scans]
Average RESIDUAL = 9.89*10^-6 sr^-1
Average FREQUENCY = 1.85%
Total Ice (IWC_avg*area*freq) = 24.3 tons
Average IWC = 80.5 gm/km^2
Maximum IWC = 126.9 gm/km^2
IWC > 250 gm/km^2 = 1.0% of all PMCs
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
105
110
115
120
125
130
135
140
145
150
155
160
15:50:52 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_sh20022003p1e_sig1p3_allwv.dat
AREA = 1.64E+07 km^2

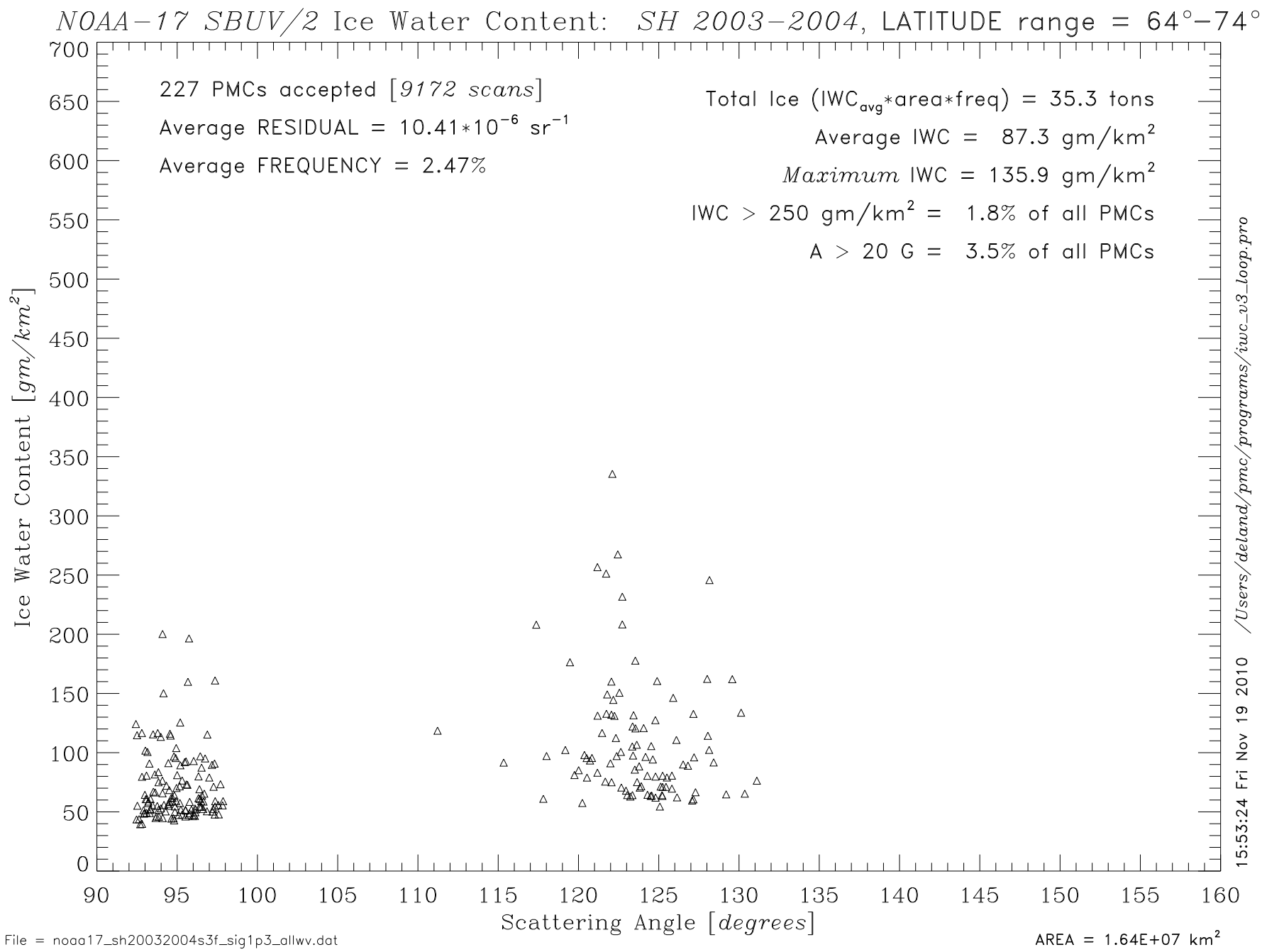

NOAA−16 SBUV/2 Ice Water Content: SH 2004−2005, LATITUDE range = 64°−74°
366 PMCs accepted [10843 scans]
Average RESIDUAL = 10.92*10^-6 sr^-1
Average FREQUENCY = 3.38%
Total Ice (IWC_avg*area*freq) = 47.4 tons
Average IWC = 85.9 gm/km^2
Maximum IWC = 130.6 gm/km^2
IWC > 250 gm/km^2 = 0.5% of all PMCs
A > 20 G = 4.4% 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
15:52:08 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_sh20042005p1e_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: SH 2005−2006, LATITUDE range = 64°−74°
370 PMCs accepted [11569 scans]
Average RESIDUAL = 10.55*10^-6 sr^-1
Average FREQUENCY = 3.20%
Total Ice (IWC_avg*area*freq) = 43.0 tons
Average IWC = 82.3 gm/km^2
Maximum IWC = 125.1 gm/km^2
IWC > 250 gm/km^2 = 0.8% 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
115
120
125
130
135
140
145
150
155
160
15:52:11 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_sh20052006p1e_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: SH 2006−2007, LATITUDE range = 64°−74°
408 PMCs accepted [12821 scans]
Average RESIDUAL = 9.61*10^-6 sr^-1
Average FREQUENCY = 3.18%
Total Ice (IWC_avg*area*freq) = 37.1 tons
Average IWC = 71.2 gm/km^2
Maximum IWC = 110.4 gm/km^2
IWC > 250 gm/km^2 = 0.2% 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
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
15:52:14 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_sh20062007p1e_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: SH 2007−2008, LATITUDE range = 64°−74°
338 PMCs accepted [14232 scans]
Average RESIDUAL = 10.06*10^-6 sr^-1
Average FREQUENCY = 2.37%
Total Ice (IWC_avg*area*freq) = 28.8 tons
Average IWC = 74.1 gm/km^2
Maximum IWC = 112.4 gm/km^2
IWC > 250 gm/km^2 = 0.9% 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
105
110
115
120
125
130
135
140
145
150
155
160
15:52:18 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_sh20072008p1e_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2002−2003, LATITUDE range = 64°−74°
274 PMCs accepted [9814 scans]
Average RESIDUAL = 10.17*10^-6 sr^-1
Average FREQUENCY = 2.79%
Total Ice (IWC_avg*area*freq) = 38.3 tons
Average IWC = 83.8 gm/km^2
Maximum IWC = 132.4 gm/km^2
IWC > 250 gm/km^2 = 0.0% 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
15:53:21 Fri Nov 19 2010
File = noaa17_sh20022003s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2003−2004, LATITUDE range = 64°−74°
227 PMCs accepted [9172 scans]
Average RESIDUAL = 10.41*10^-6 sr^-1
Average FREQUENCY = 2.47%
Total Ice (IWC_avg*area*freq) = 35.3 tons
Average IWC = 87.3 gm/km^2
Maximum IWC = 135.9 gm/km^2
IWC > 250 gm/km^2 = 1.8% of all PMCs
A > 20 G = 3.5% 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
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700
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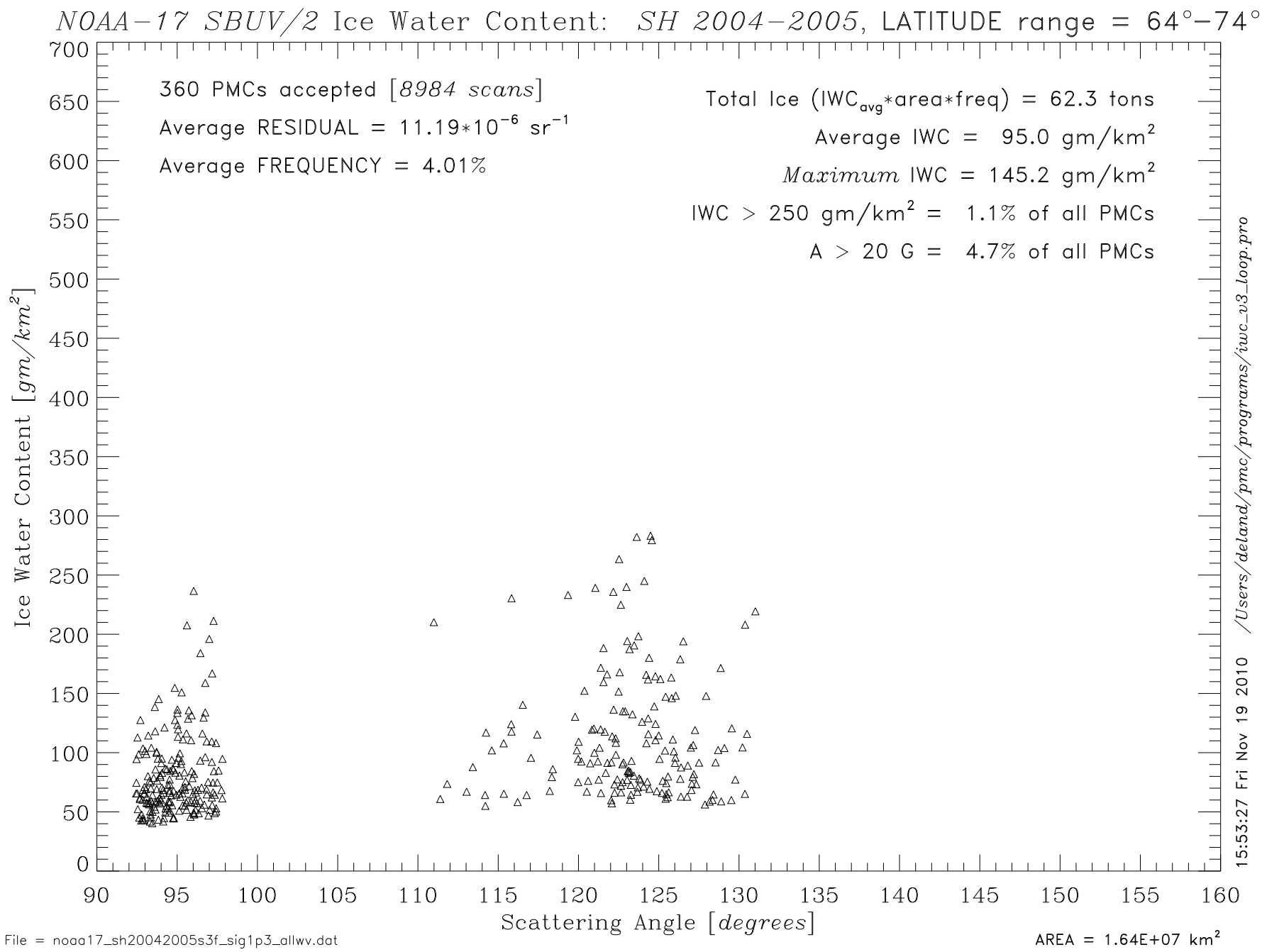
160
15:53:24 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20032004s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2004−2005, LATITUDE range = 64°−74°
360 PMCs accepted [8984 scans]
Average RESIDUAL = 11.19*10^-6 sr^-1
Average FREQUENCY = 4.01%
Total Ice (IWC_avg*area*freq) = 62.3 tons
Average IWC = 95.0 gm/km^2
Maximum IWC = 145.2 gm/km^2
IWC > 250 gm/km^2 = 1.1% 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
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700
90
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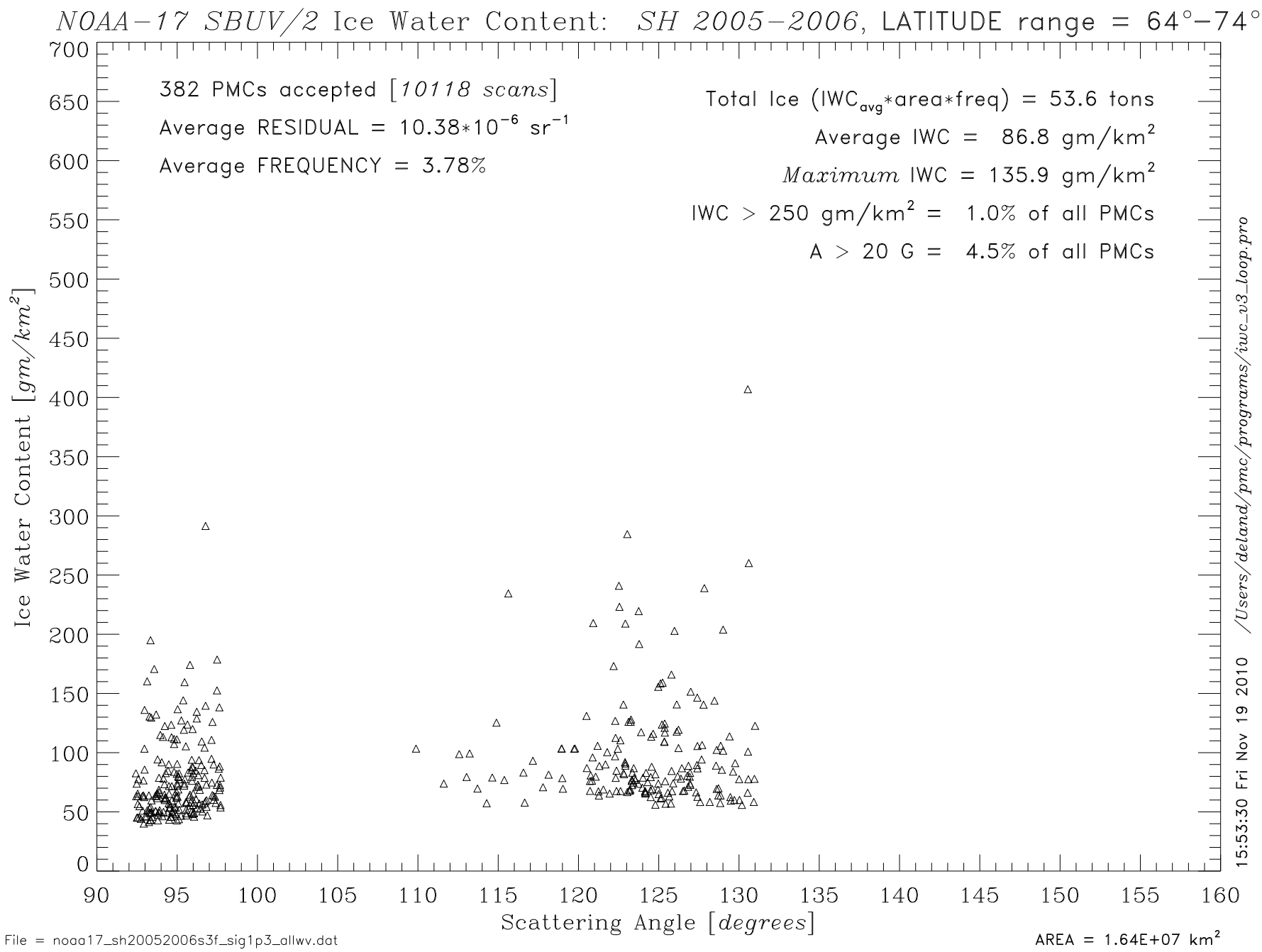
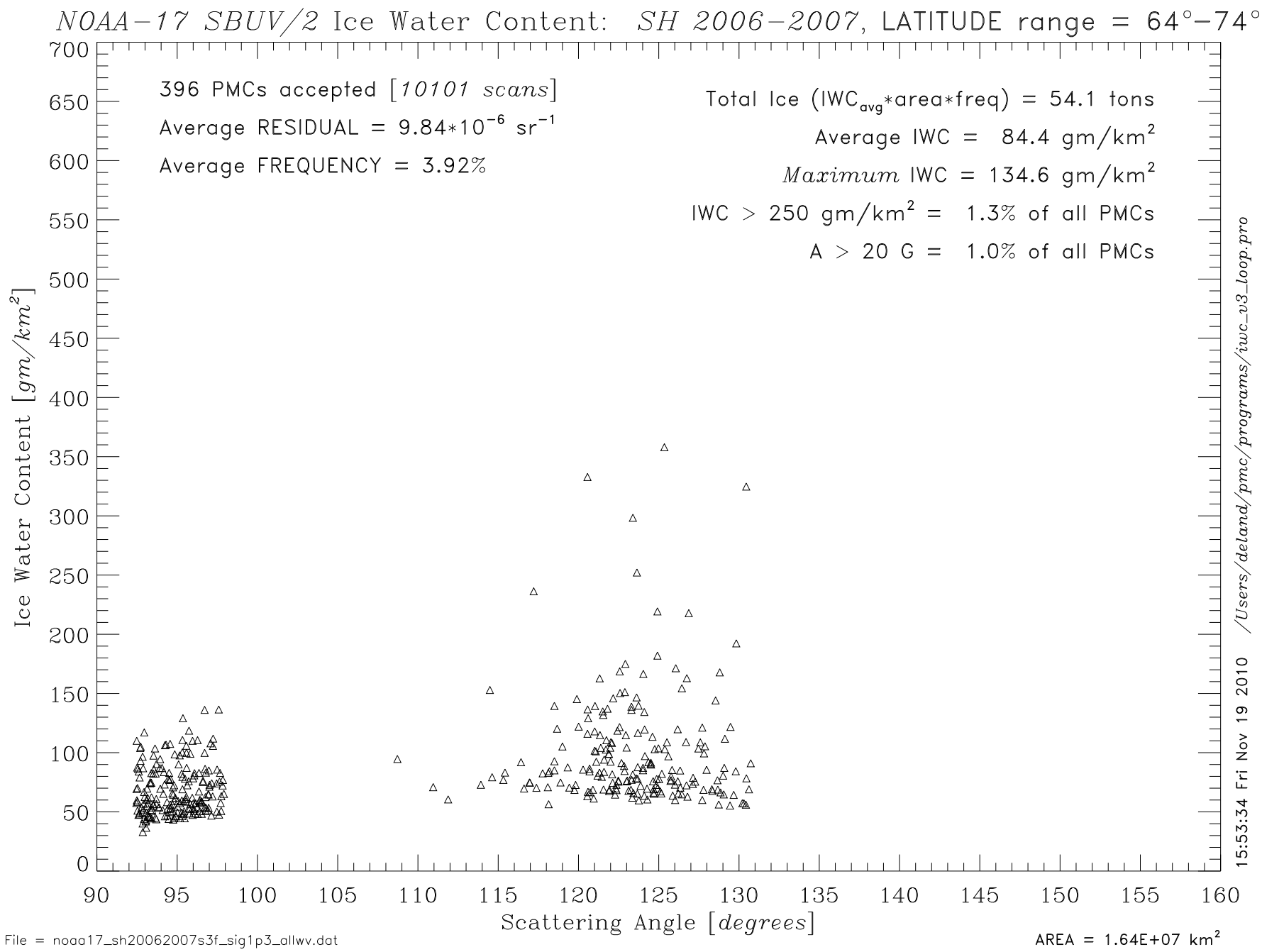
160
15:53:27 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20042005s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2005−2006, LATITUDE range = 64°−74°
382 PMCs accepted [10118 scans]
Average RESIDUAL = 10.38*10^-6 sr^-1
Average FREQUENCY = 3.78%
Total Ice (IWC_avg*area*freq) = 53.6 tons
Average IWC = 86.8 gm/km^2
Maximum IWC = 135.9 gm/km^2
IWC > 250 gm/km^2 = 1.0% 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
105
110
115
120
125
130
135
140
145
150
155
160
15:53:30 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20052006s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2006−2007, LATITUDE range = 64°−74°
396 PMCs accepted [10101 scans]
Average RESIDUAL = 9.84*10^-6 sr^-1
Average FREQUENCY = 3.92%
Total Ice (IWC_avg*area*freq) = 54.1 tons
Average IWC = 84.4 gm/km^2
Maximum IWC = 134.6 gm/km^2
IWC > 250 gm/km^2 = 1.3% 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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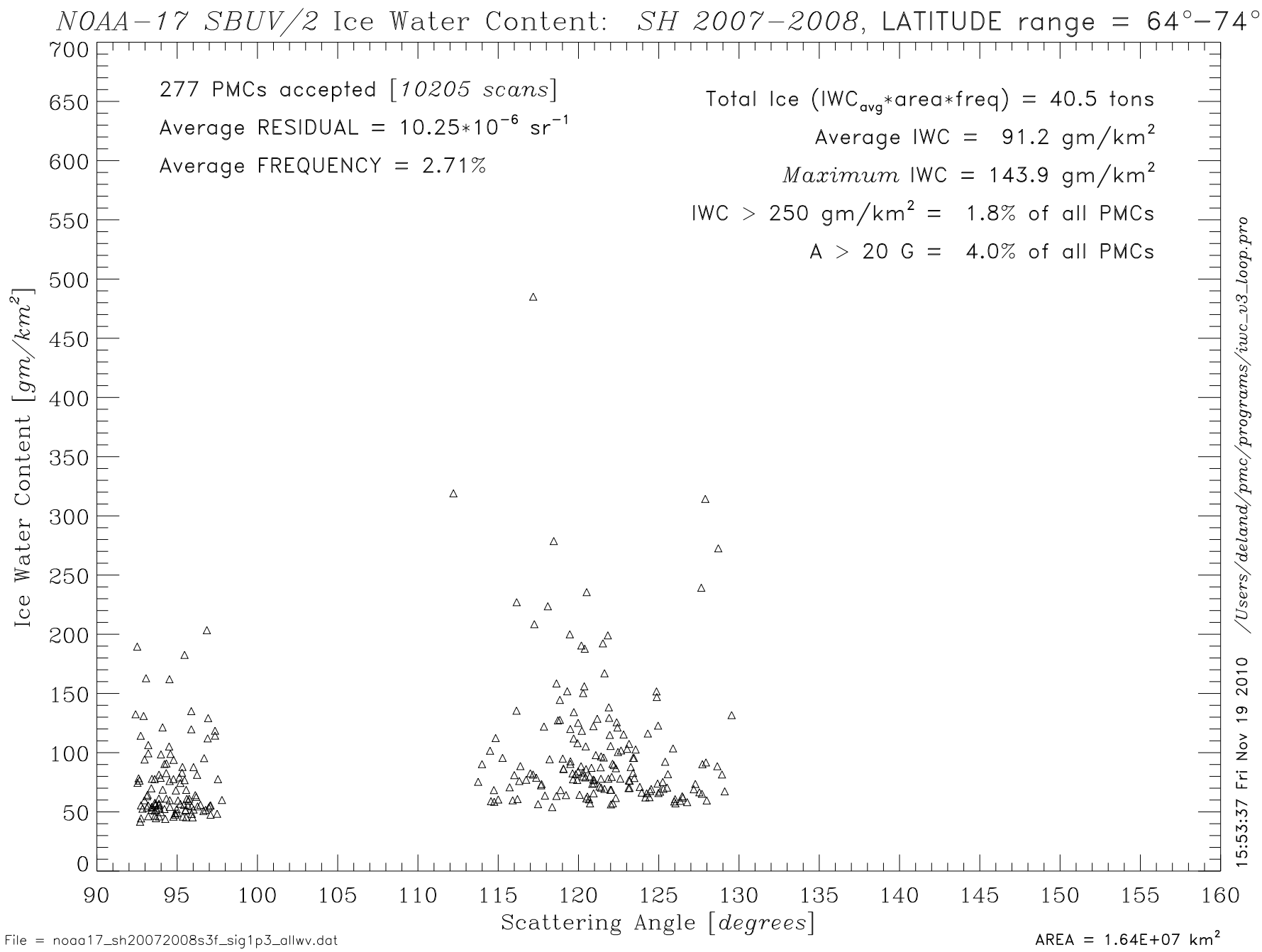
145
150
155
160
15:53:34 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20062007s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2007−2008, LATITUDE range = 64°−74°
277 PMCs accepted [10205 scans]
Average RESIDUAL = 10.25*10^-6 sr^-1
Average FREQUENCY = 2.71%
Total Ice (IWC_avg*area*freq) = 40.5 tons
Average IWC = 91.2 gm/km^2
Maximum IWC = 143.9 gm/km^2
IWC > 250 gm/km^2 = 1.8% of all PMCs
A > 20 G = 4.0% 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
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95
100
105
110
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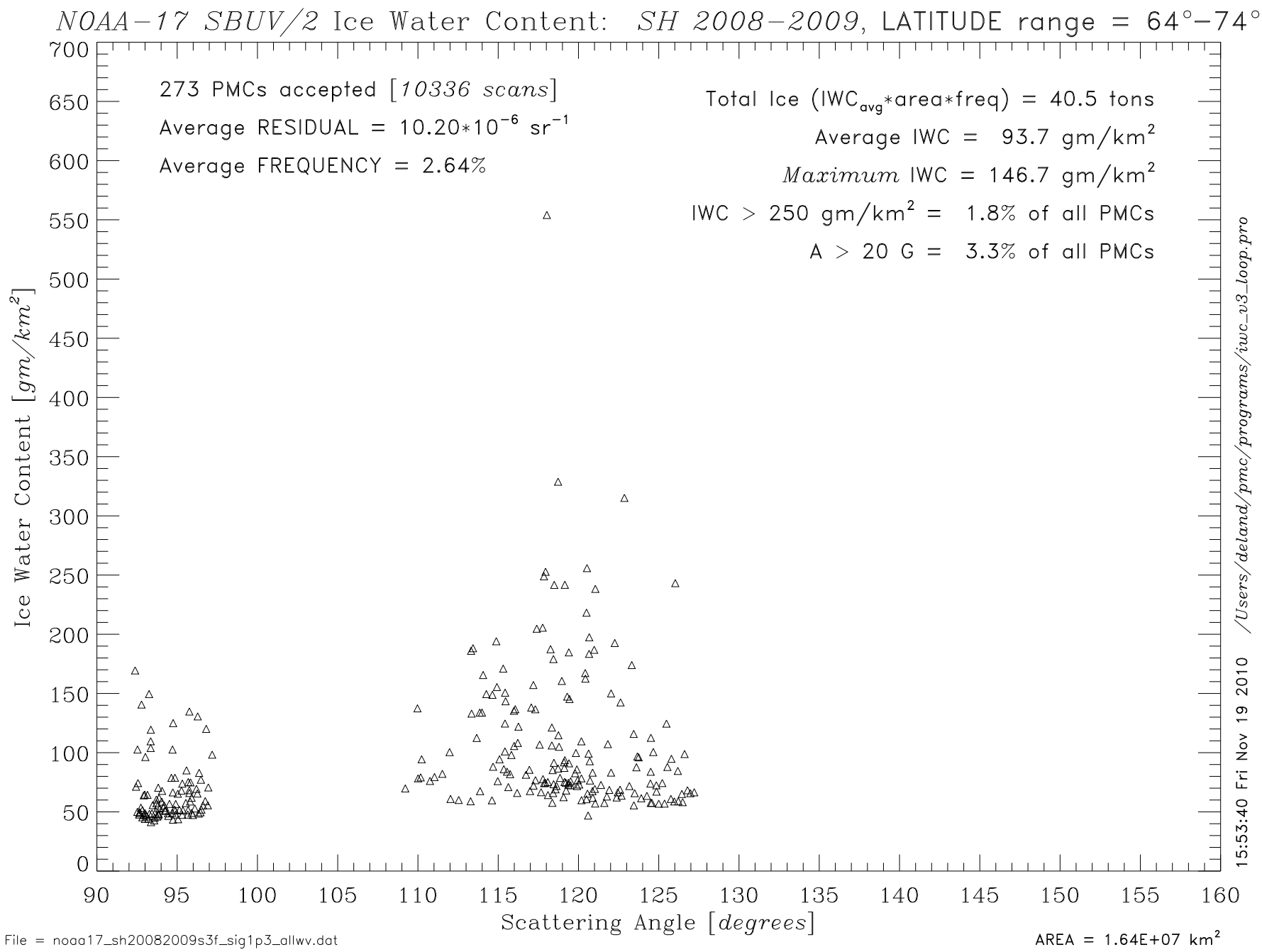
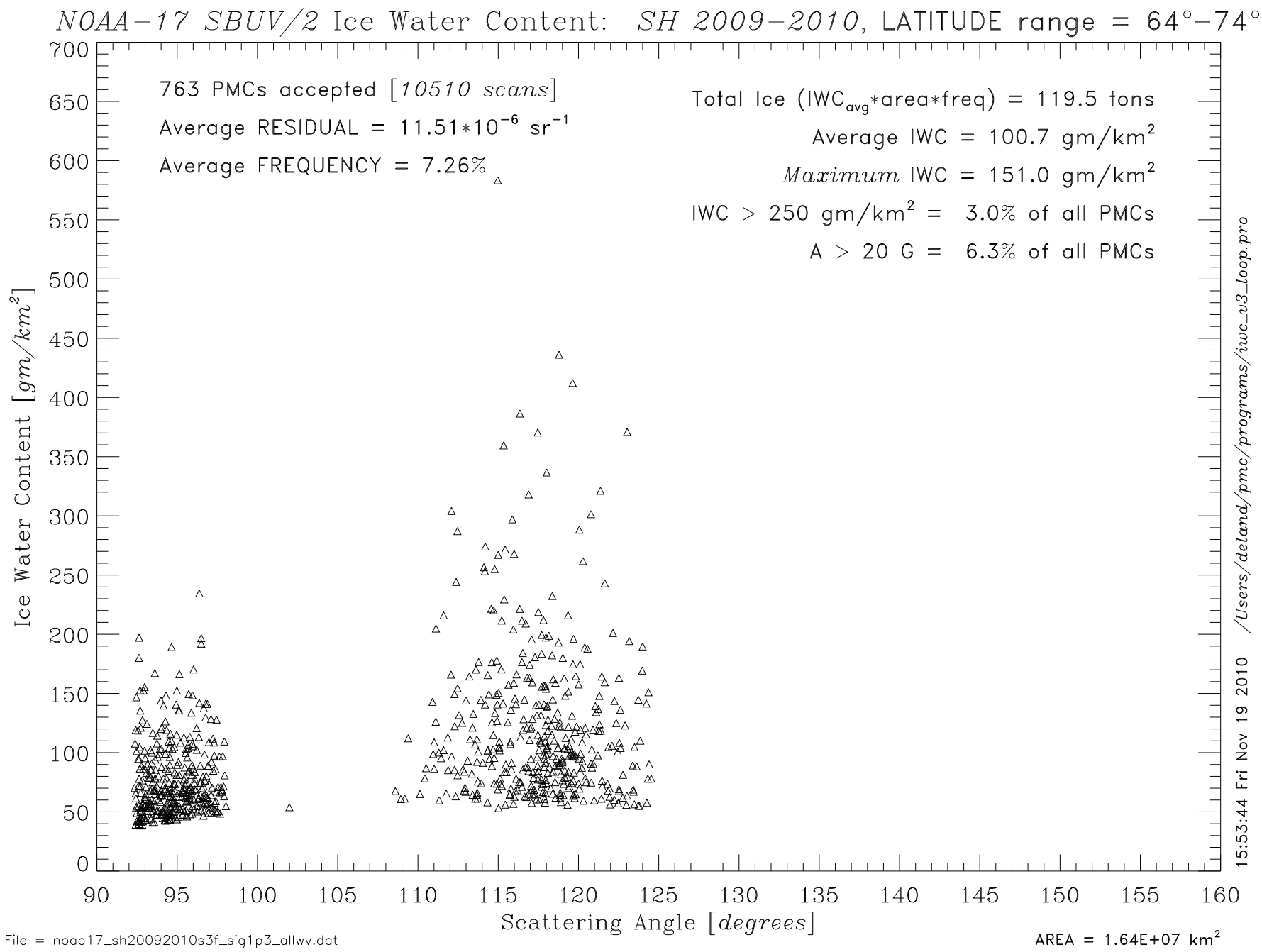
150
155
160
15:53:37 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20072008s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2008−2009, LATITUDE range = 64°−74°
273 PMCs accepted [10336 scans]
Average RESIDUAL = 10.20*10^-6 sr^-1
Average FREQUENCY = 2.64%
Total Ice (IWC_avg*area*freq) = 40.5 tons
Average IWC = 93.7 gm/km^2
Maximum IWC = 146.7 gm/km^2
IWC > 250 gm/km^2 = 1.8% 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
105
110
115
120
125
130
135
140
145
150
155
160
15:53:40 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20082009s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2009−2010, LATITUDE range = 64°−74°
763 PMCs accepted [10510 scans]
Average RESIDUAL = 11.51*10^-6 sr^-1
Average FREQUENCY = 7.26%
Total Ice (IWC_avg*area*freq) = 119.5 tons
Average IWC = 100.7 gm/km^2
Maximum IWC = 151.0 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]
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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120
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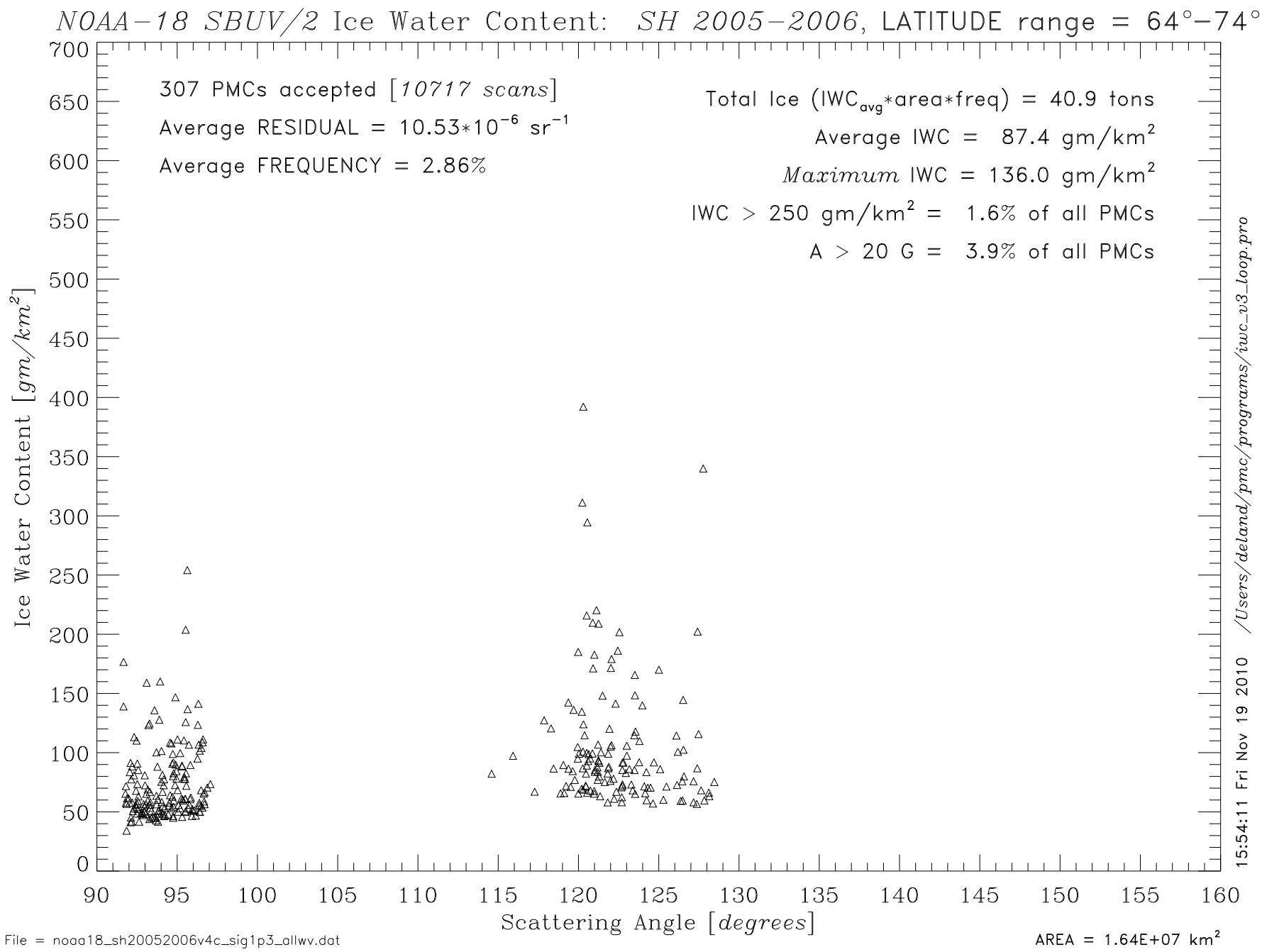
160
15:53:44 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20092010s3f_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: SH 2005−2006, LATITUDE range = 64°−74°
307 PMCs accepted [10717 scans]
Average RESIDUAL = 10.53*10^-6 sr^-1
Average FREQUENCY = 2.86%
Total Ice (IWC_avg*area*freq) = 40.9 tons
Average IWC = 87.4 gm/km^2
Maximum IWC = 136.0 gm/km^2
IWC > 250 gm/km^2 = 1.6% 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
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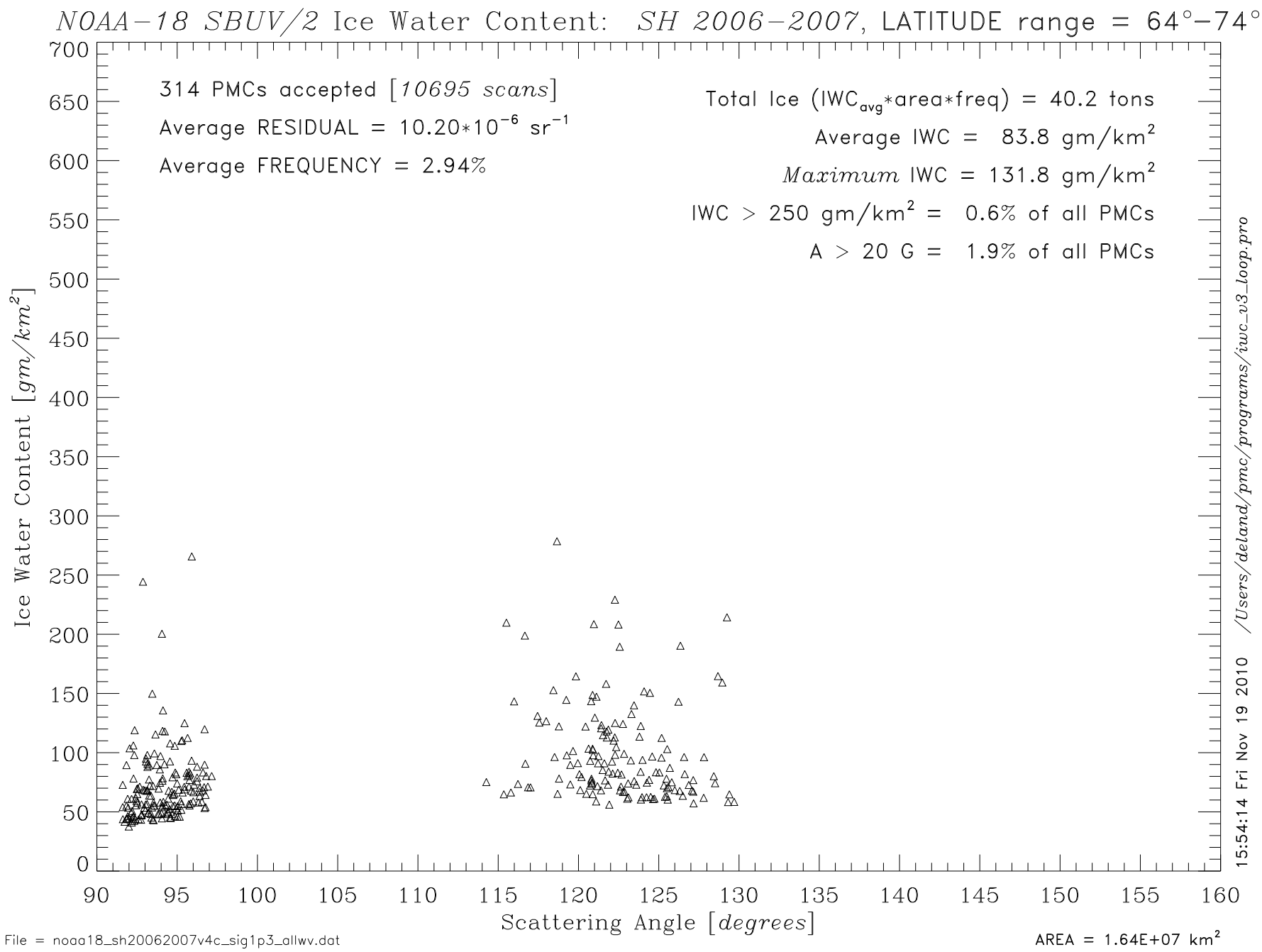
160
15:54:11 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_sh20052006v4c_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: SH 2006−2007, LATITUDE range = 64°−74°
314 PMCs accepted [10695 scans]
Average RESIDUAL = 10.20*10^-6 sr^-1
Average FREQUENCY = 2.94%
Total Ice (IWC_avg*area*freq) = 40.2 tons
Average IWC = 83.8 gm/km^2
Maximum IWC = 131.8 gm/km^2
IWC > 250 gm/km^2 = 0.6% 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
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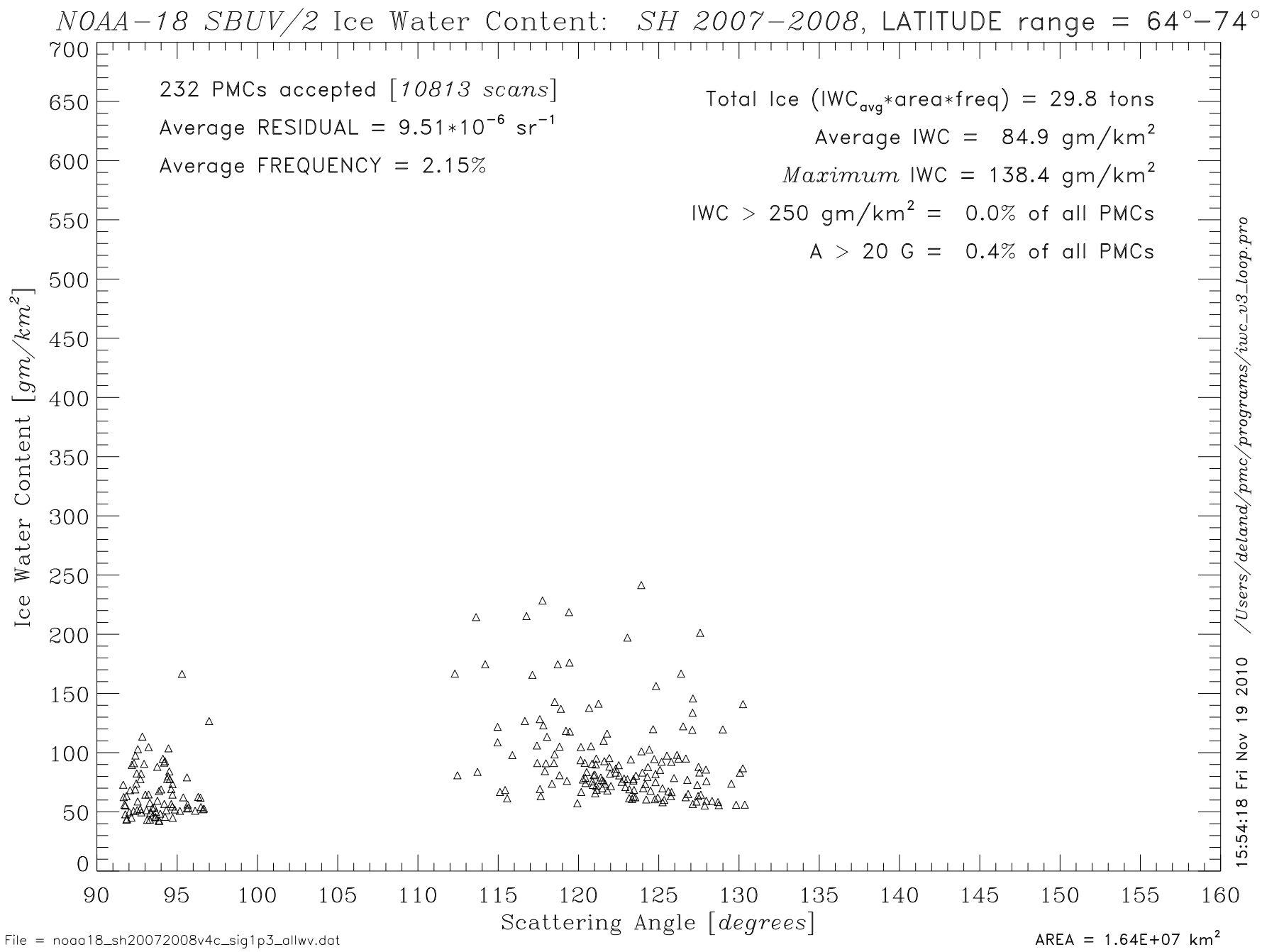
/Users/deland/pmc/programs/iwc_v3_loop.pro
15:54:14 Fri Nov 19 2010
File = noaa18_sh20062007v4c_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: SH 2007−2008, LATITUDE range = 64°−74°
232 PMCs accepted [10813 scans]
Average RESIDUAL = 9.51*10^-6 sr^-1
Average FREQUENCY = 2.15%
Total Ice (IWC_avg*area*freq) = 29.8 tons
Average IWC = 84.9 gm/km^2
Maximum IWC = 138.4 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 20 G = 0.4% 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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110
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150
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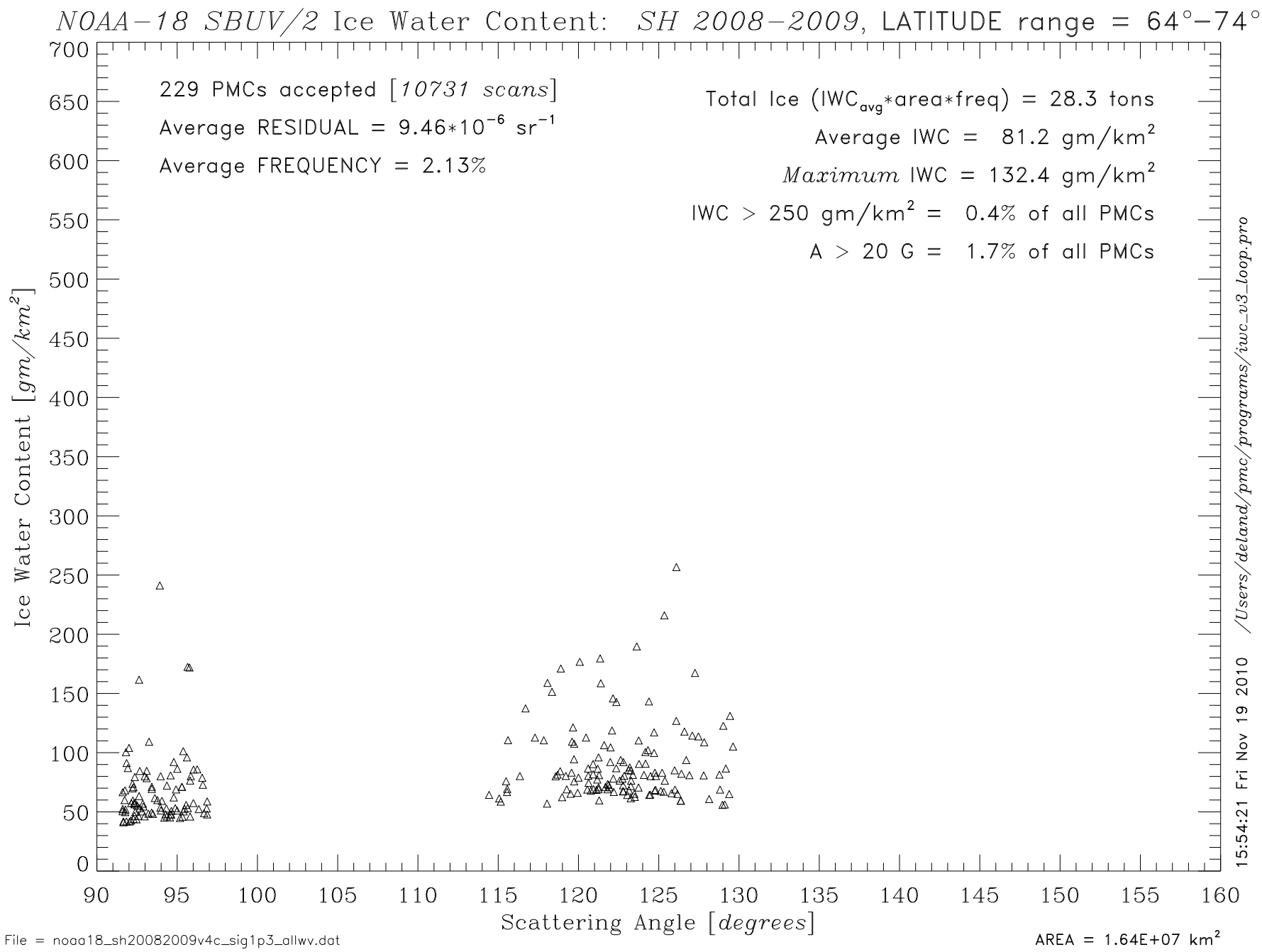
160
15:54:18 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_sh20072008v4c_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: SH 2008−2009, LATITUDE range = 64°−74°
229 PMCs accepted [10731 scans]
Average RESIDUAL = 9.46*10^-6 sr^-1
Average FREQUENCY = 2.13%
Total Ice (IWC_avg*area*freq) = 28.3 tons
Average IWC = 81.2 gm/km^2
Maximum IWC = 132.4 gm/km^2
IWC > 250 gm/km^2 = 0.4% 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
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150
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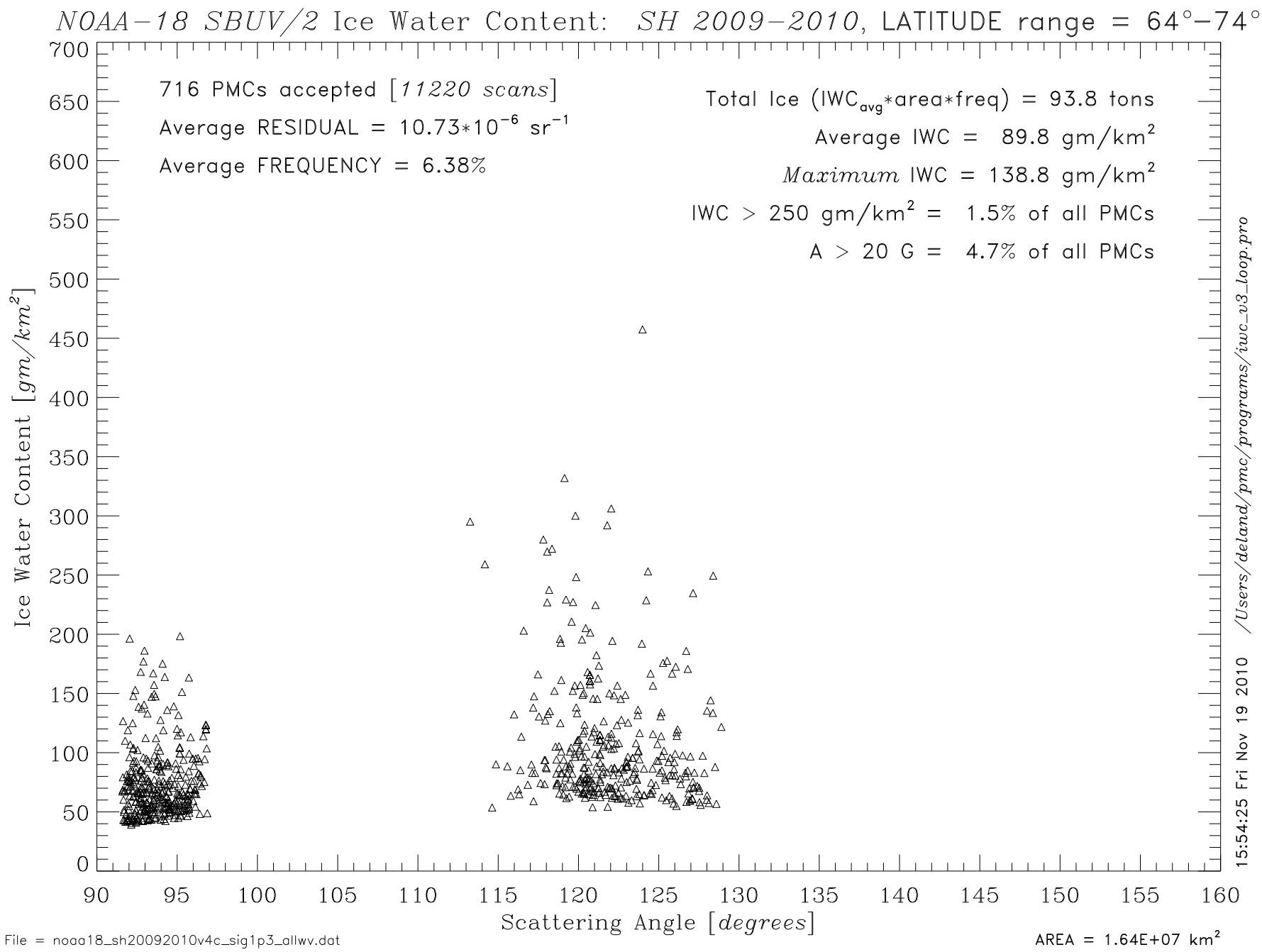
160
15:54:21 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_sh20082009v4c_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: SH 2009−2010, LATITUDE range = 64°−74°
716 PMCs accepted [11220 scans]
Average RESIDUAL = 10.73*10^-6 sr^-1
Average FREQUENCY = 6.38%
Total Ice (IWC_avg*area*freq) = 93.8 tons
Average IWC = 89.8 gm/km^2
Maximum IWC = 138.8 gm/km^2
IWC > 250 gm/km^2 = 1.5% 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
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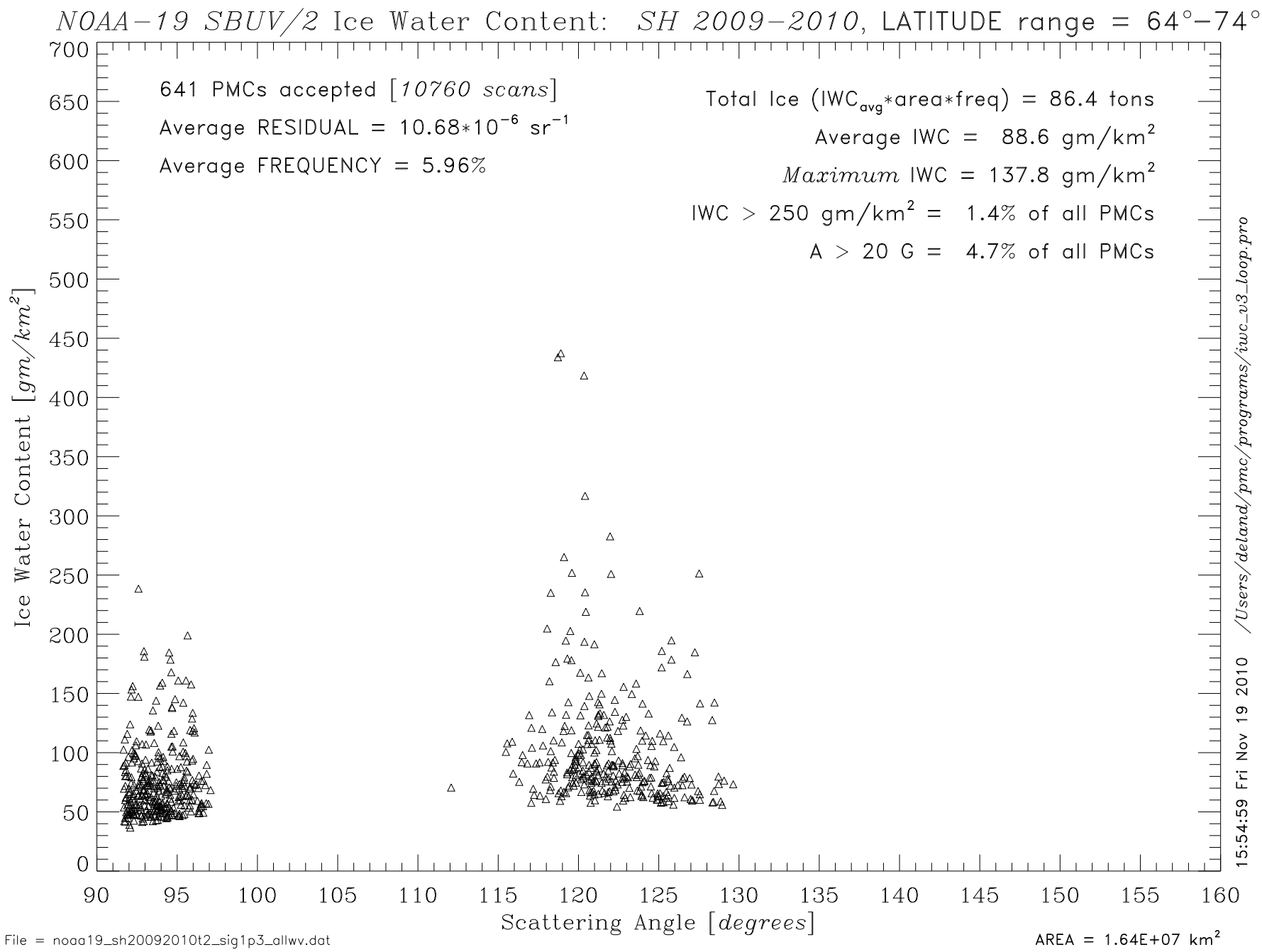
155
160
15:54:25 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_sh20092010v4c_sig1p3_allwv.dat
AREA = 1.64E+07 km^2


NOAA−19 SBUV/2 Ice Water Content: SH 2009−2010, LATITUDE range = 64°−74°
641 PMCs accepted [10760 scans]
Average RESIDUAL = 10.68*10^-6 sr^-1
Average FREQUENCY = 5.96%
Total Ice (IWC_avg*area*freq) = 86.4 tons
Average IWC = 88.6 gm/km^2
Maximum IWC = 137.8 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
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700
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135
140
145
150
155
160
15:54:59 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa19_sh20092010t2_sig1p3_allwv.dat
AREA = 1.64E+07 km^2