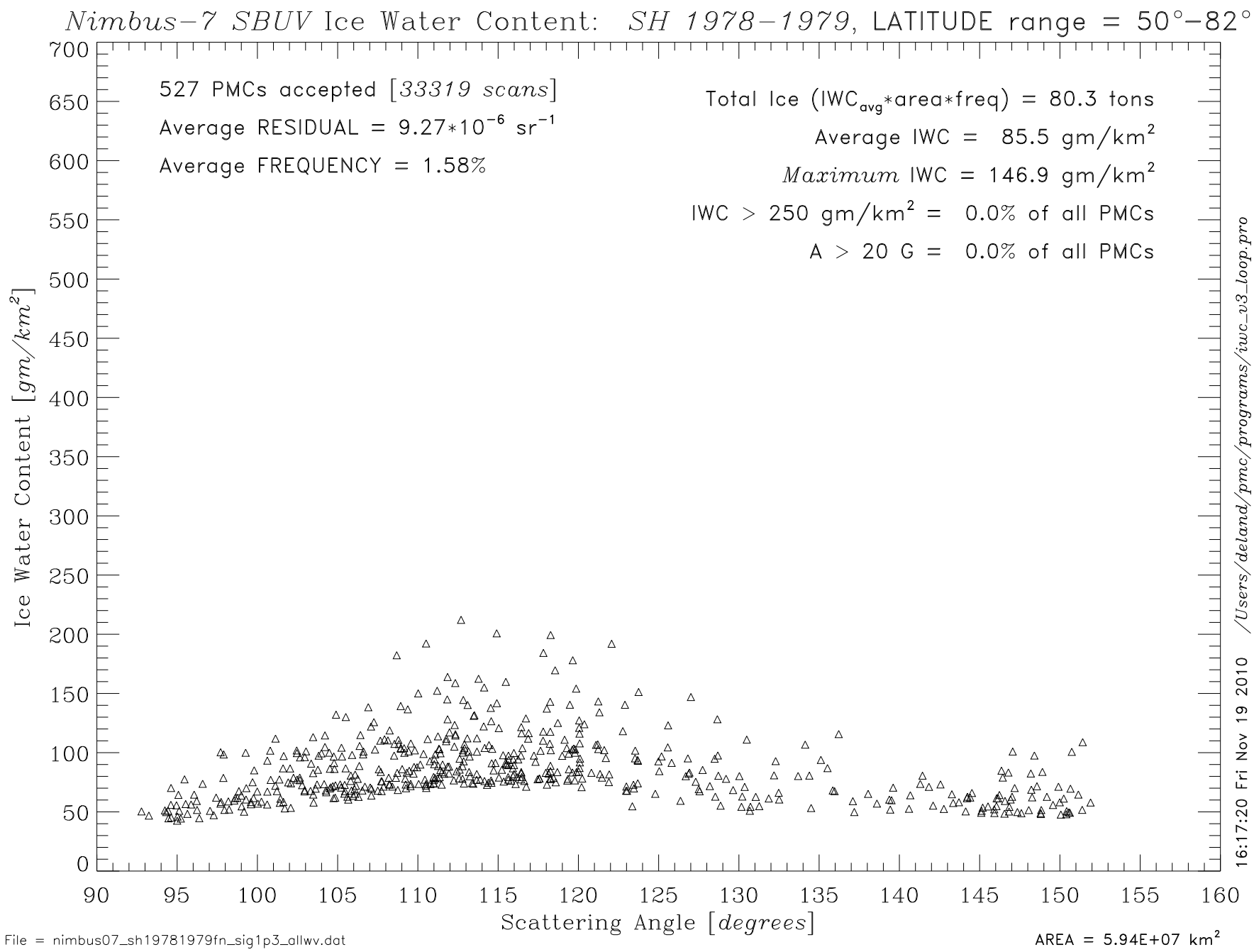
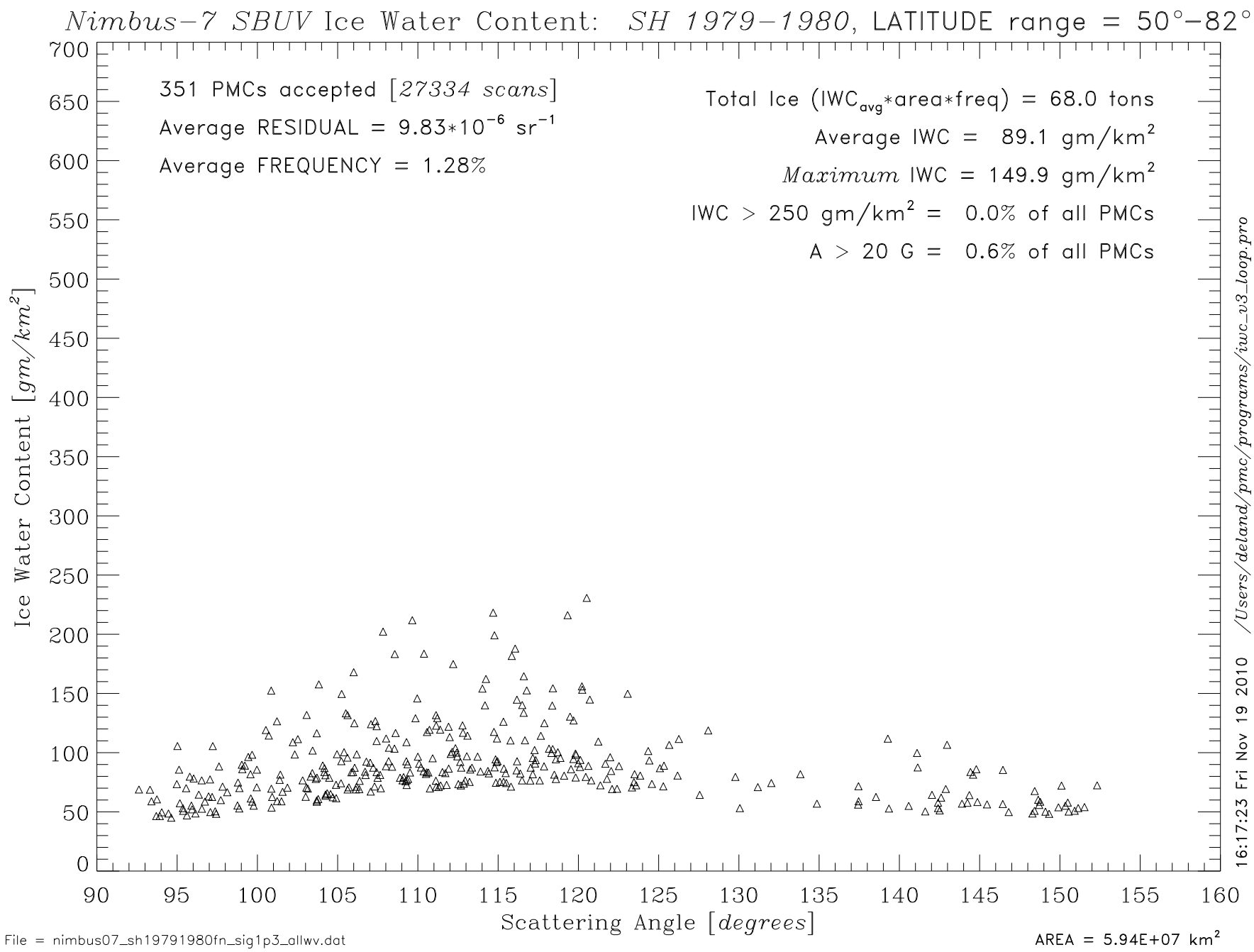
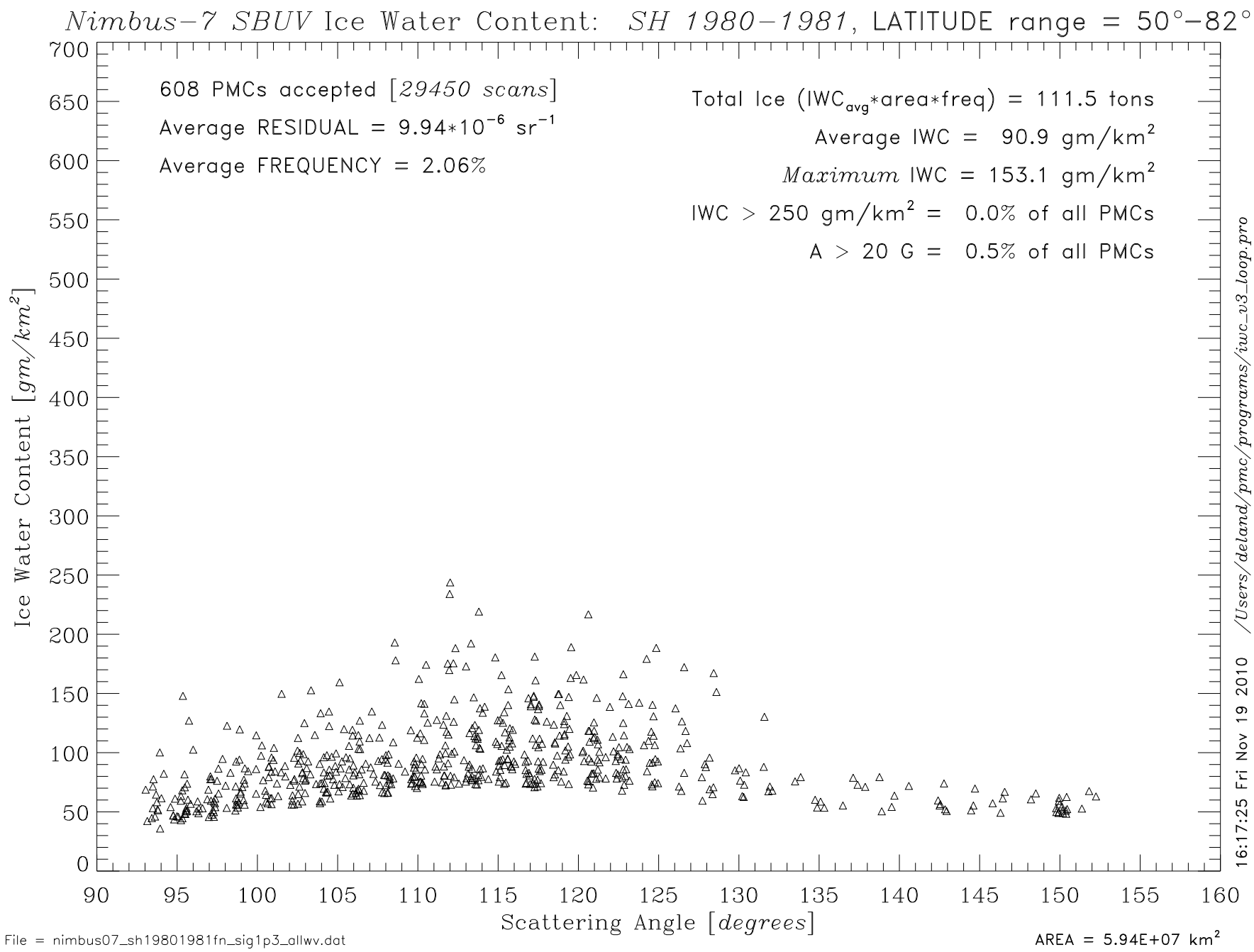
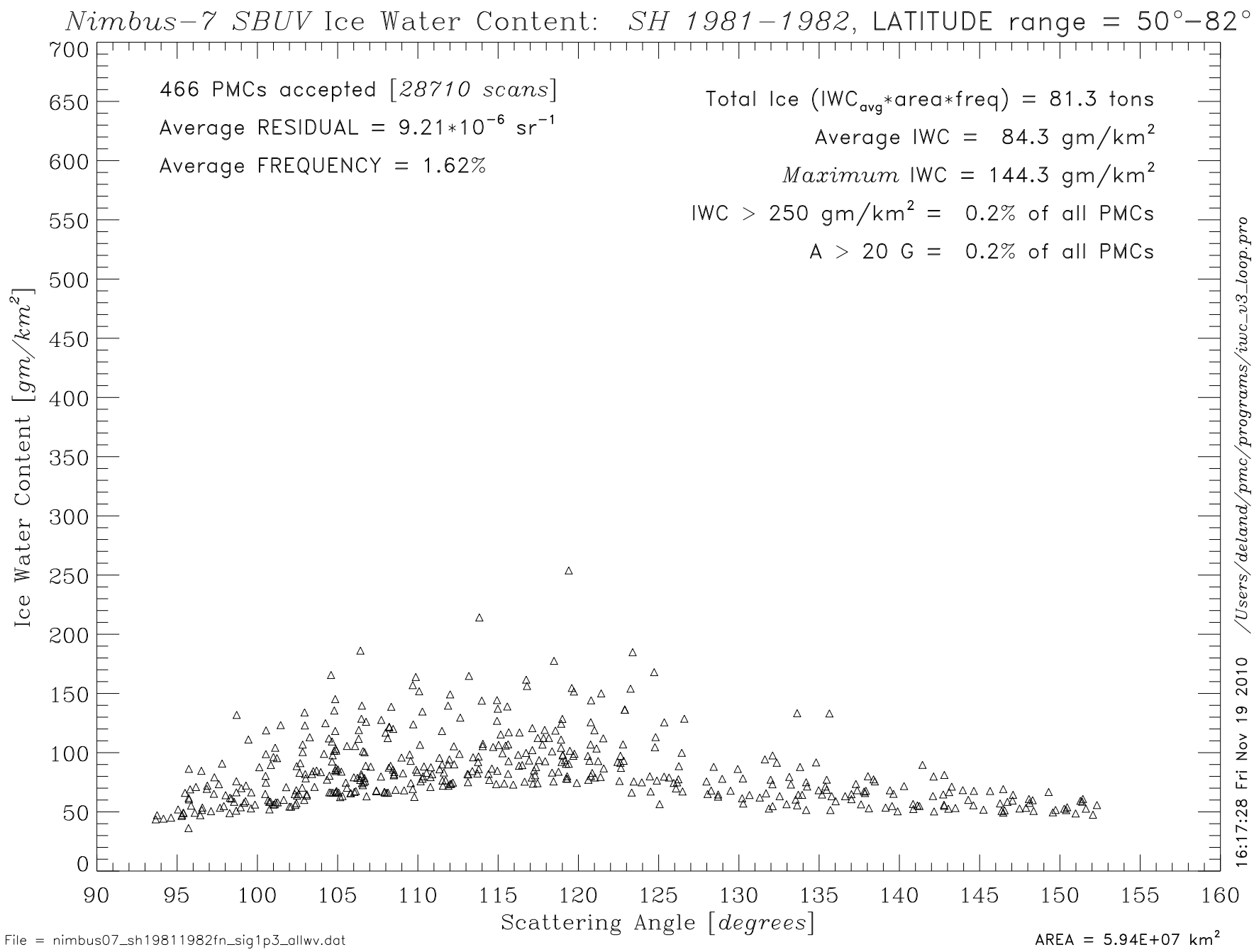
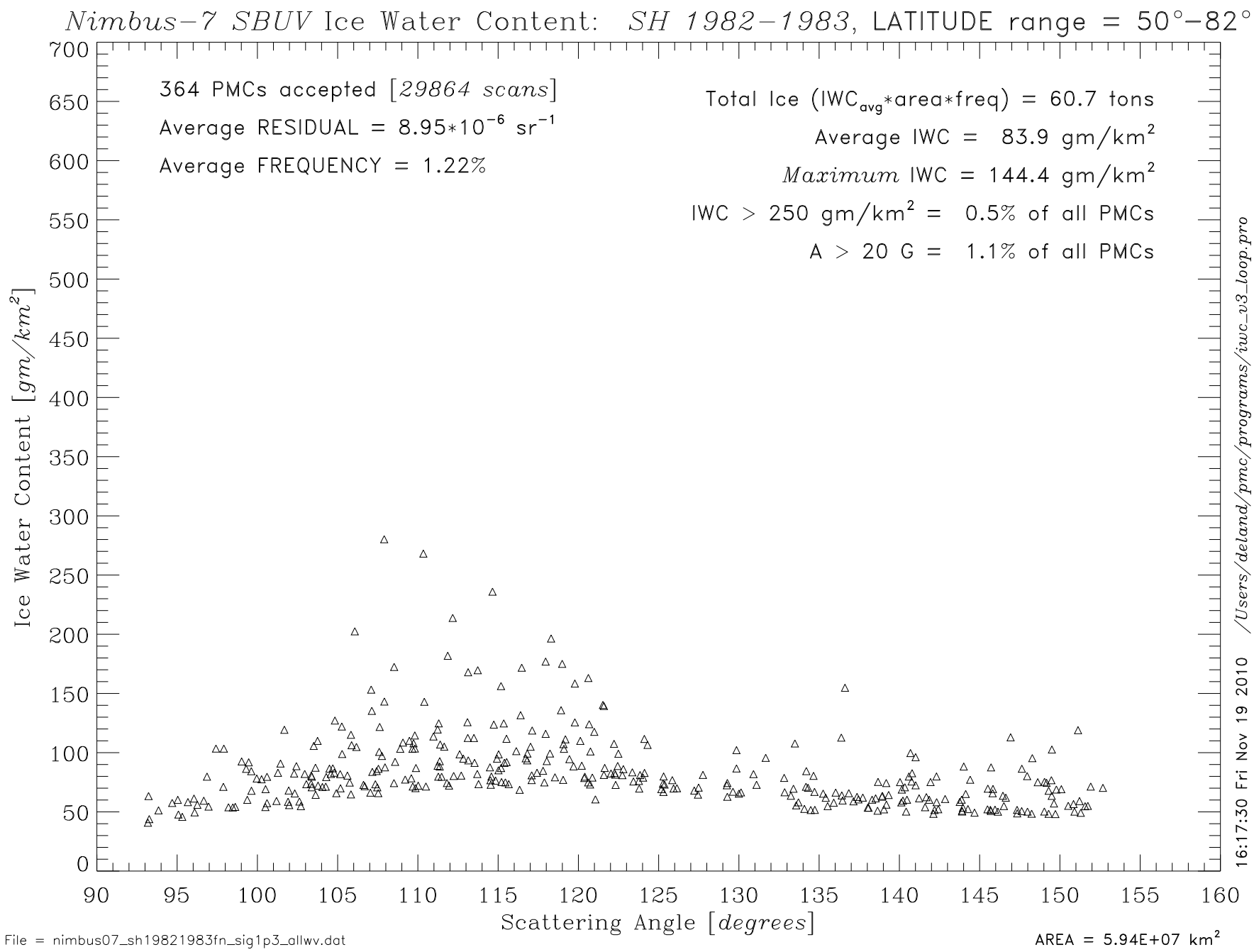
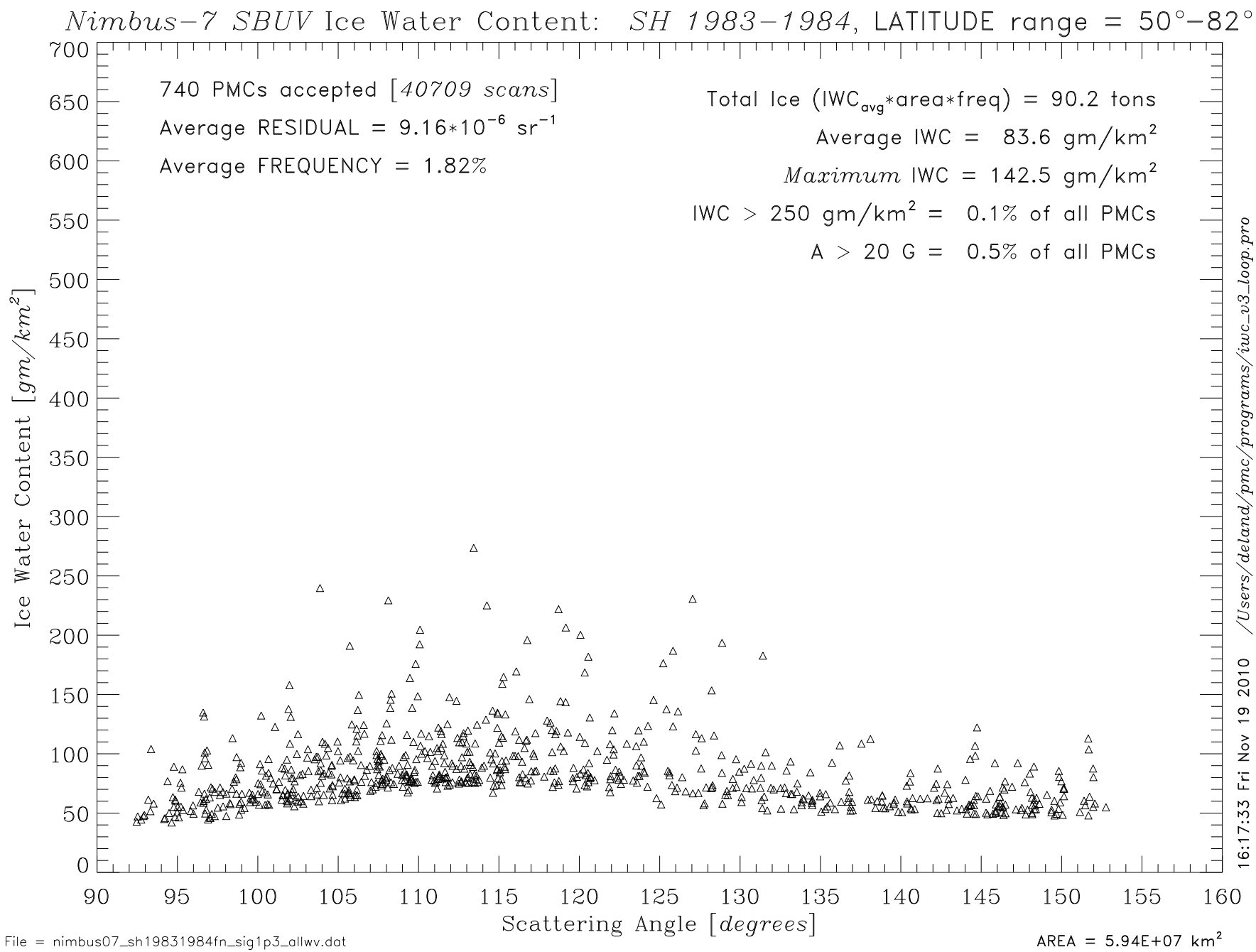

Nimbus−7 SBUV Ice Water Content: SH 1978−1979, LATITUDE range = 50°−82°
527 PMCs accepted [33319 scans]
Average RESIDUAL = 9.27*10^−6 sr^−1
Average FREQUENCY = 1.58%
Total Ice (IWC_avg*area*freq) = 80.3 tons
Average IWC = 85.5 gm/km^2
Maximum IWC = 146.9 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 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
16:17:20 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19781979fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

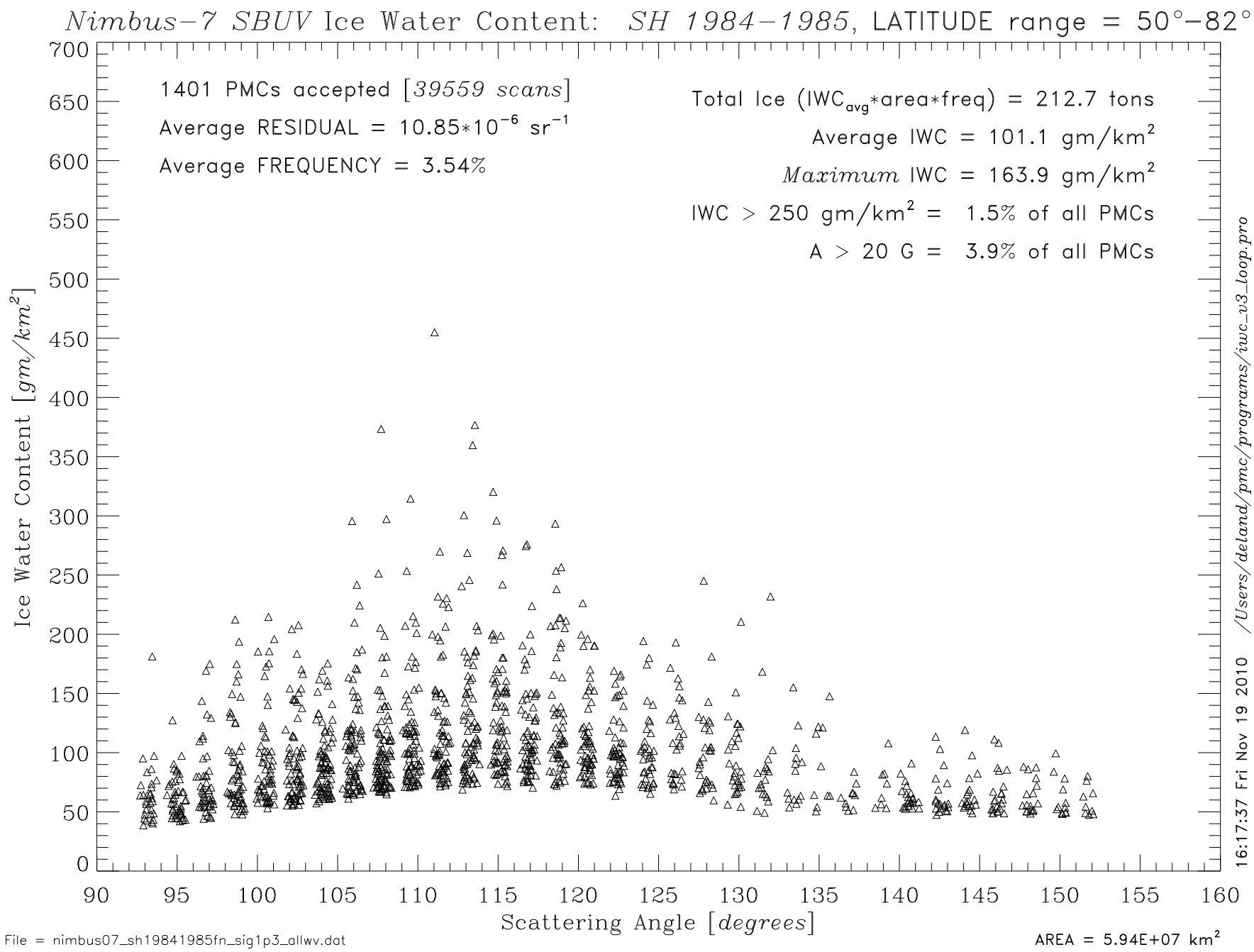

Nimbus−7 SBUV Ice Water Content: SH 1979−1980, LATITUDE range = 50°−82°
351 PMCs accepted [27334 scans]
Average RESIDUAL = 9.83*10^-6 sr^-1
Average FREQUENCY = 1.28%
Total Ice (IWC_avg*area*freq) = 68.0 tons
Average IWC = 89.1 gm/km^2
Maximum IWC = 149.9 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
A > 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
16:17:23 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19791980fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

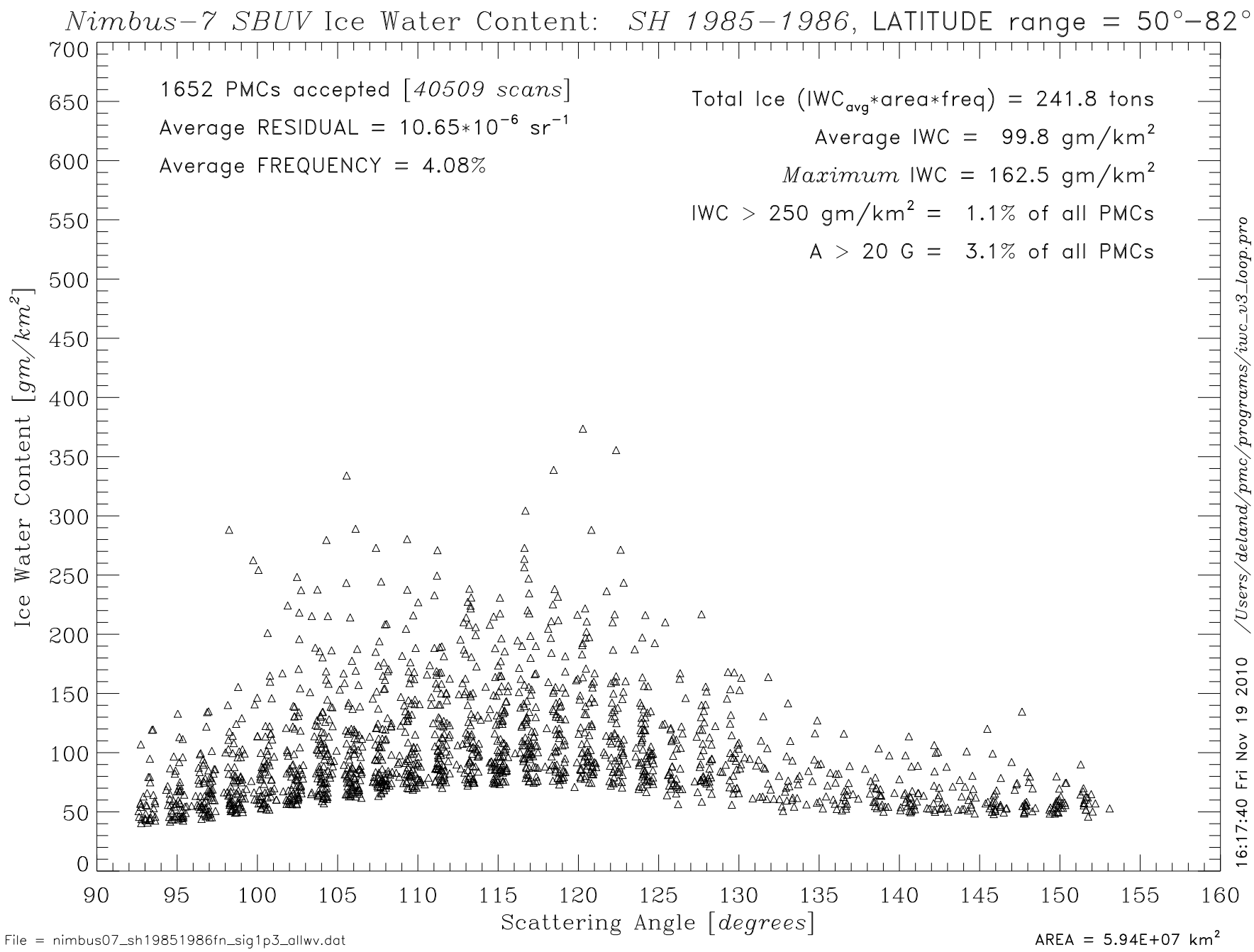

Nimbus−7 SBUV Ice Water Content: SH 1980−1981, LATITUDE range = 50°−82°
608 PMCs accepted [29450 scans]
Average RESIDUAL = 9.94*10^-6 sr^-1
Average FREQUENCY = 2.06%
Total Ice (IWC_avg*area*freq) = 111.5 tons
Average IWC = 90.9 gm/km^2
Maximum IWC = 153.1 gm/km^2
IWC > 250 gm/km^2 = 0.0% of all PMCs
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
16:17:25 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19801981fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

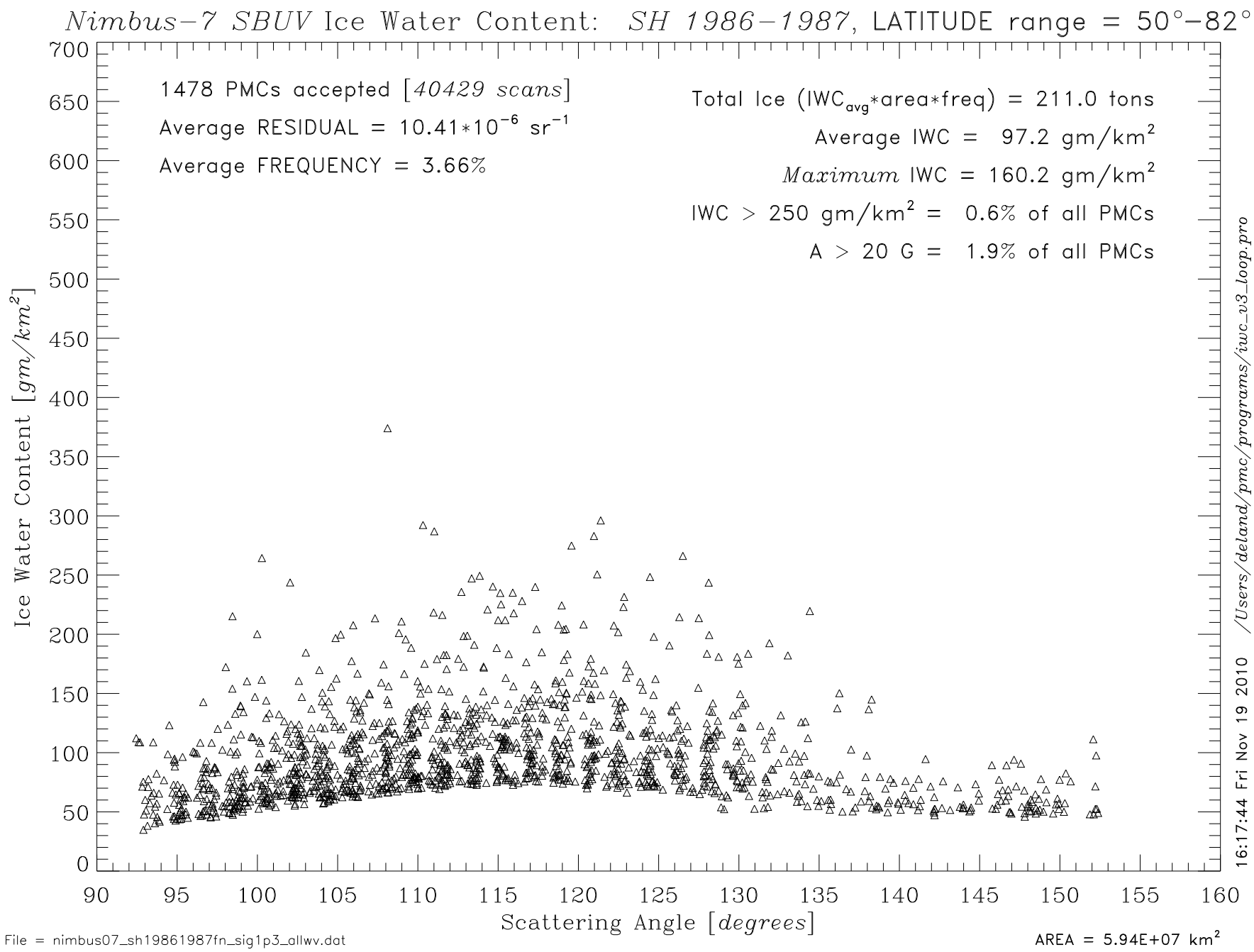

Nimbus−7 SBUV Ice Water Content: SH 1981−1982, LATITUDE range = 50°−82°
466 PMCs accepted [28710 scans]
Average RESIDUAL = 9.21*10^-6 sr^-1
Average FREQUENCY = 1.62%
Total Ice (IWC_avg*area*freq) = 81.3 tons
Average IWC = 84.3 gm/km^2
Maximum IWC = 144.3 gm/km^2
IWC > 250 gm/km^2 = 0.2% of all PMCs
A > 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
16:17:28 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19811982fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

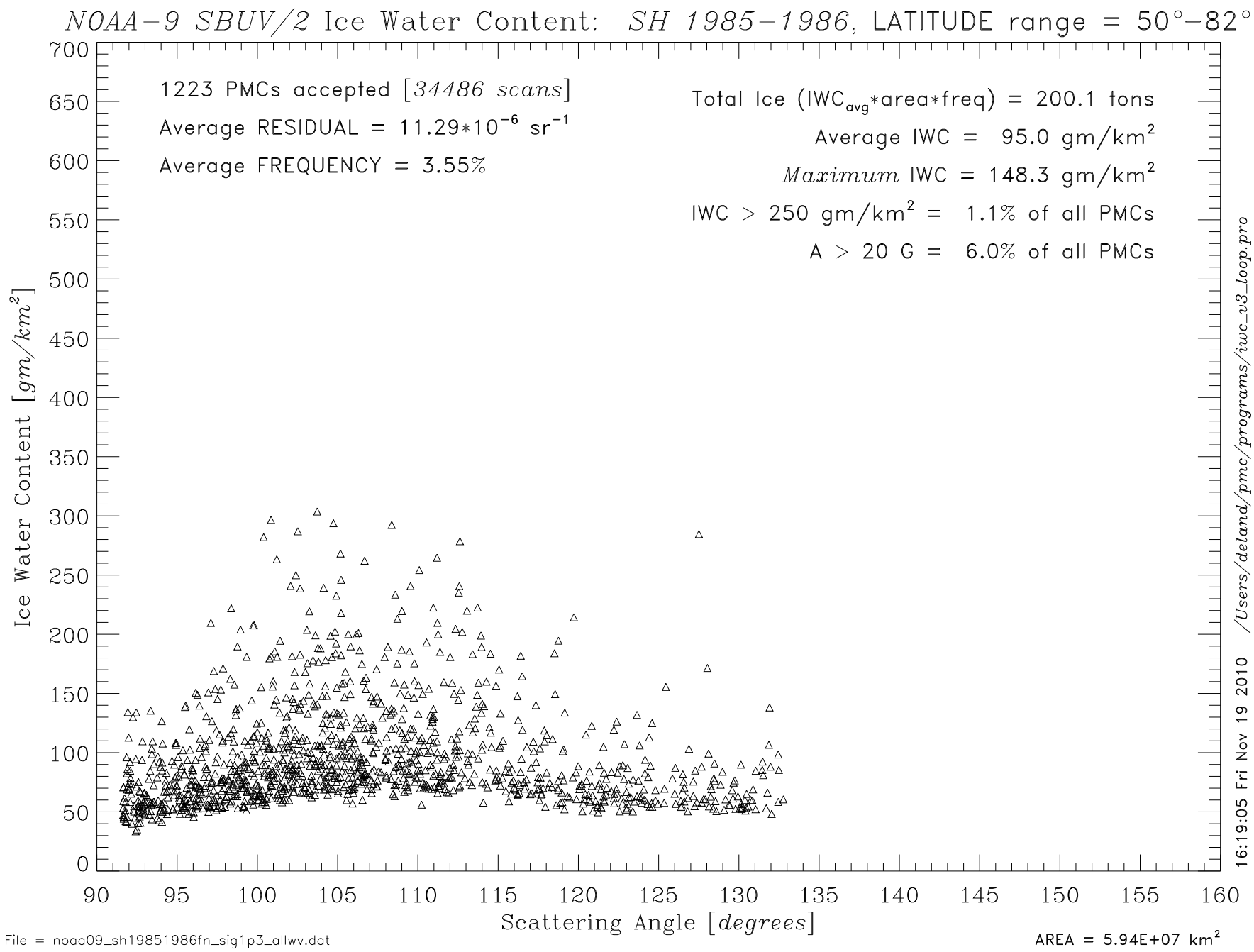

Nimbus−7 SBUV Ice Water Content: SH 1982−1983, LATITUDE range = 50°−82°
364 PMCs accepted [29864 scans]
Average RESIDUAL = 8.95*10^-6 sr^-1
Average FREQUENCY = 1.22%
Total Ice (IWC_avg*area*freq) = 60.7 tons
Average IWC = 83.9 gm/km^2
Maximum IWC = 144.4 gm/km^2
IWC > 250 gm/km^2 = 0.5% of all PMCs
A > 20 G = 1.1% 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
16:17:30 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19821983fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

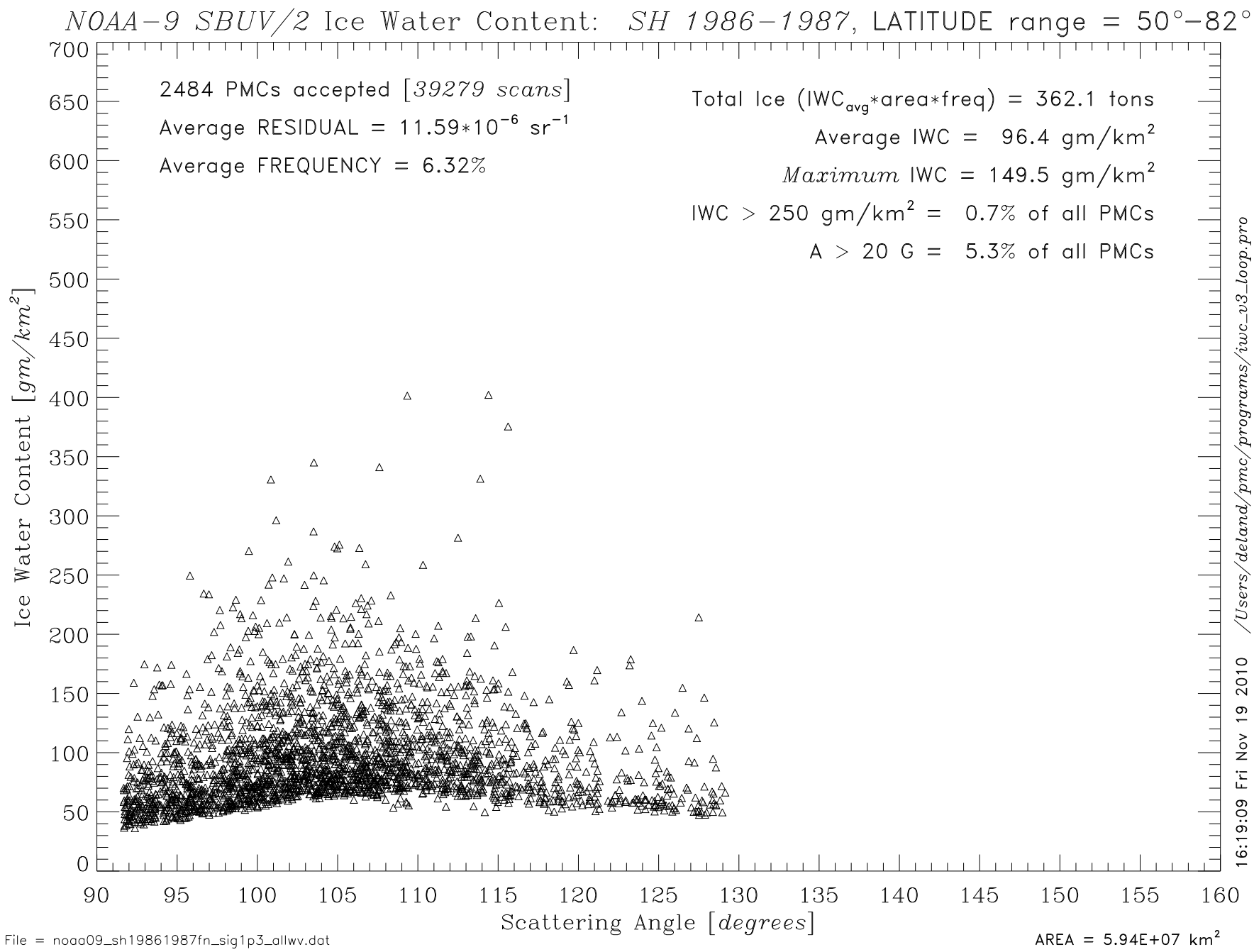

Nimbus−7 SBUV Ice Water Content: SH 1983−1984, LATITUDE range = 50°−82°
740 PMCs accepted [40709 scans]
Average RESIDUAL = 9.16*10^−6 sr^−1
Average FREQUENCY = 1.82%
Total Ice (IWC_avg*area*freq) = 90.2 tons
Average IWC = 83.6 gm/km^2
Maximum IWC = 142.5 gm/km^2
IWC > 250 gm/km^2 = 0.1% of all PMCs
A > 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
16:17:33 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19831984fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

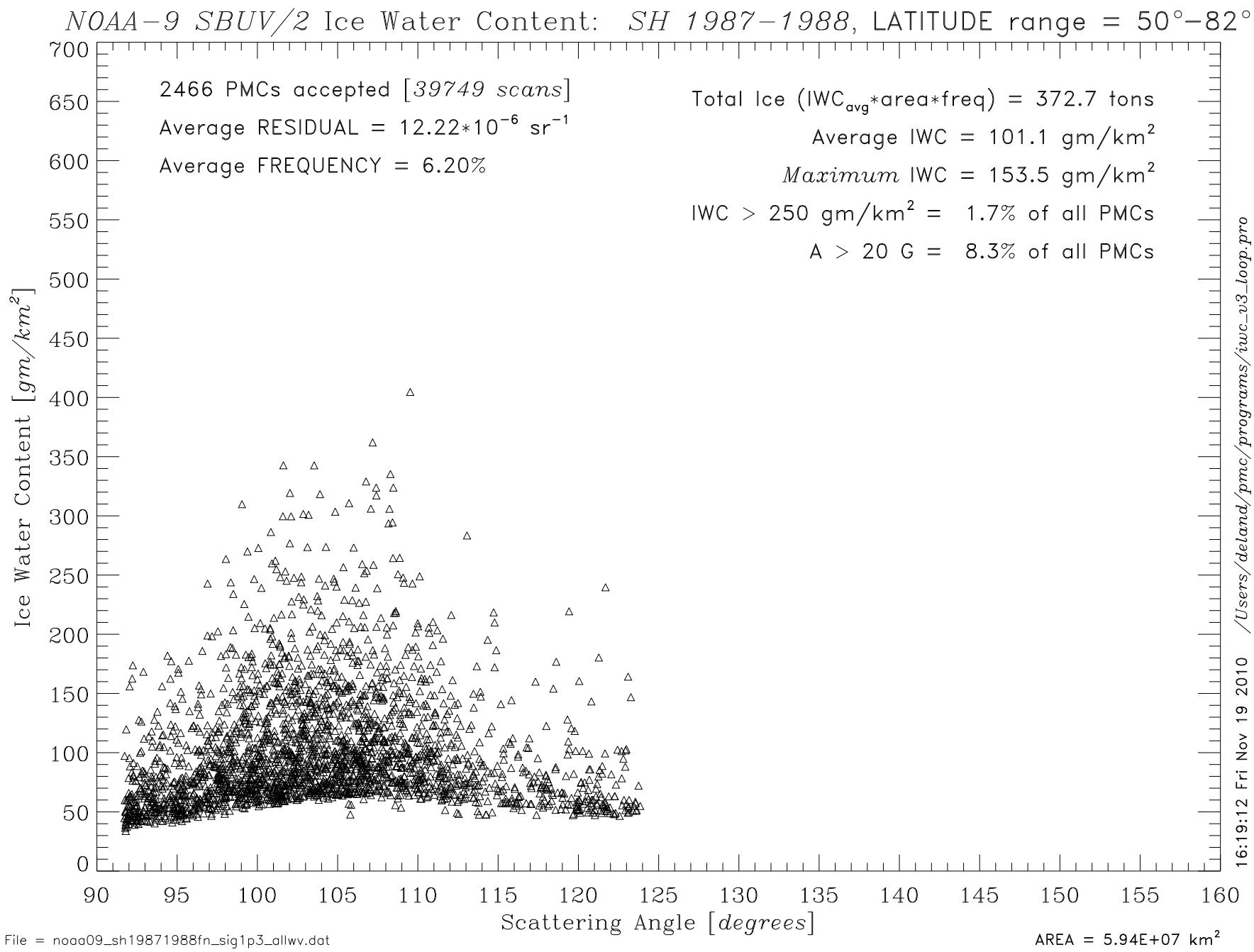

Nimbus−7 SBUV Ice Water Content: SH 1984−1985, LATITUDE range = 50°−82°
1401 PMCs accepted [39559 scans]
Average RESIDUAL = 10.85*10^-6 sr^-1
Average FREQUENCY = 3.54%
Total Ice (IWC_avg*area*freq) = 212.7 tons
Average IWC = 101.1 gm/km^2
Maximum IWC = 163.9 gm/km^2
IWC > 250 gm/km^2 = 1.5% of all PMCs
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
16:17:37 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19841985fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

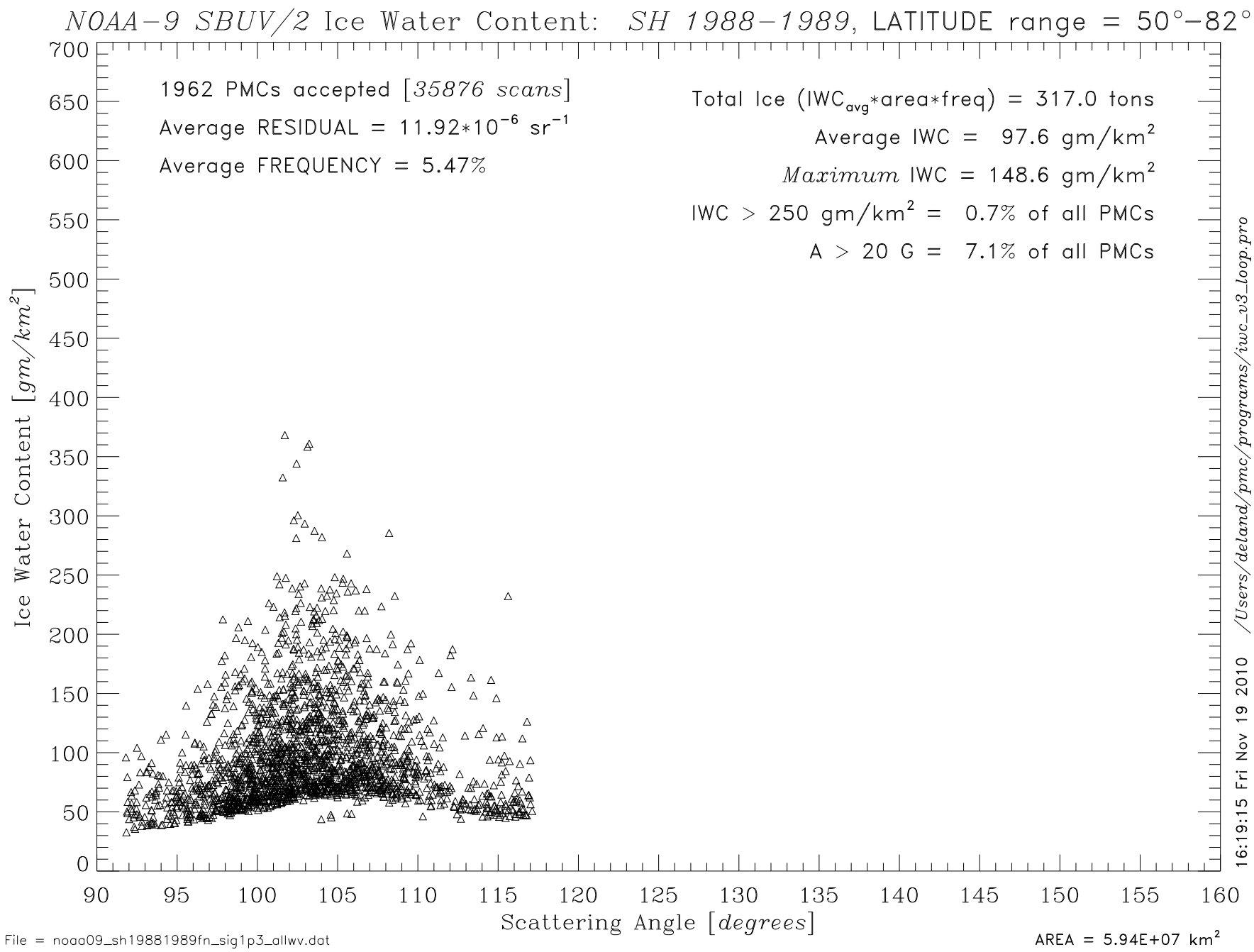

Nimbus−7 SBUV Ice Water Content: SH 1985−1986, LATITUDE range = 50°−82°
1652 PMCs accepted [40509 scans]
Average RESIDUAL = 10.65*10^-6 sr^-1
Average FREQUENCY = 4.08%
Total Ice (IWC_avg*area*freq) = 241.8 tons
Average IWC = 99.8 gm/km^2
Maximum IWC = 162.5 gm/km^2
IWC > 250 gm/km^2 = 1.1% of all PMCs
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
150
155
160
16:17:40 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19851986fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

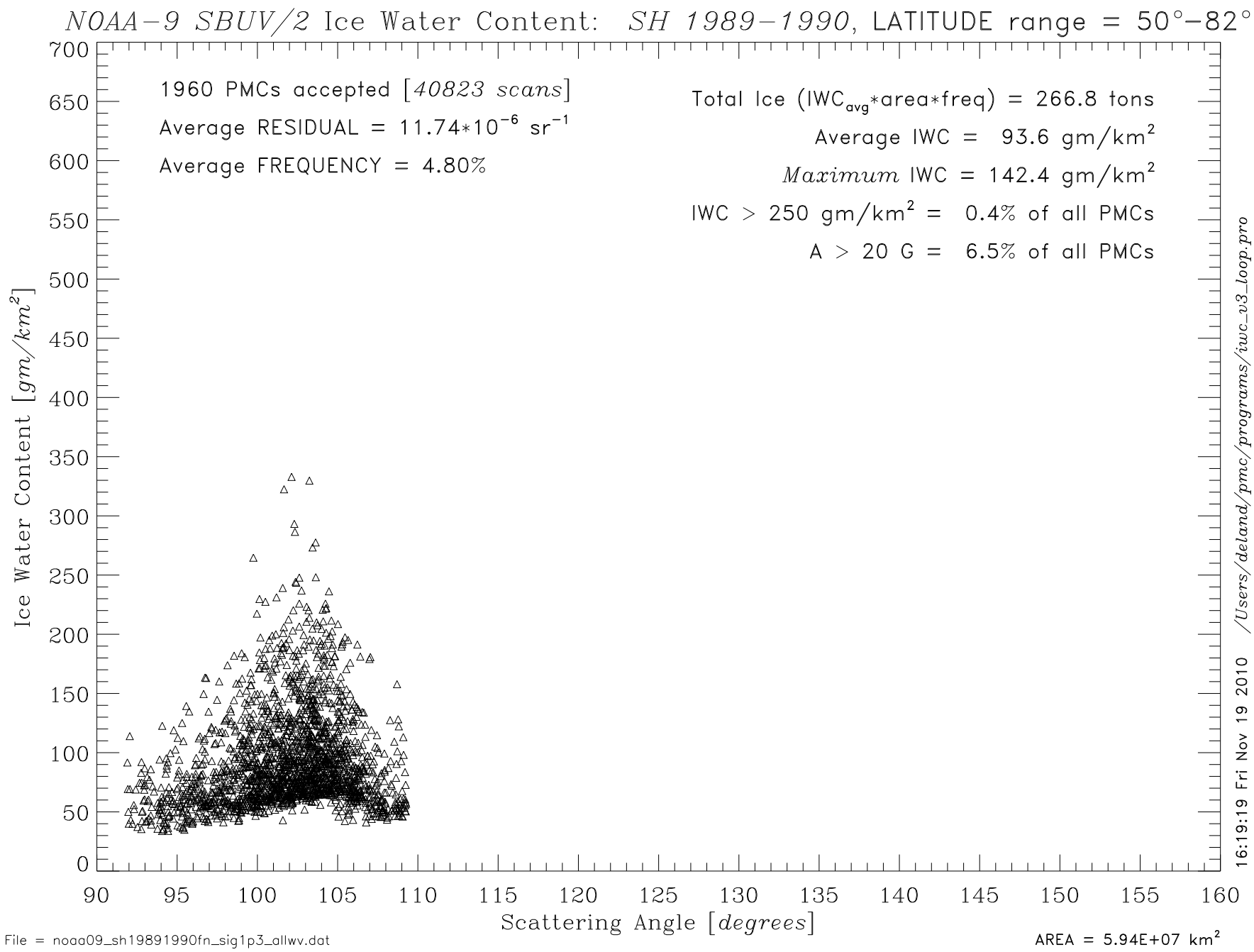

Nimbus−7 SBUV Ice Water Content: SH 1986−1987, LATITUDE range = 50°−82°
1478 PMCs accepted [40429 scans]
Average RESIDUAL = 10.41*10^-6 sr^-1
Average FREQUENCY = 3.66%
Total Ice (IWC_avg*area*freq) = 211.0 tons
Average IWC = 97.2 gm/km^2
Maximum IWC = 160.2 gm/km^2
IWC > 250 gm/km^2 = 0.6% of all PMCs
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
105
110
115
120
125
130
135
140
145
150
155
160
16:17:44 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = nimbus07_sh19861987fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

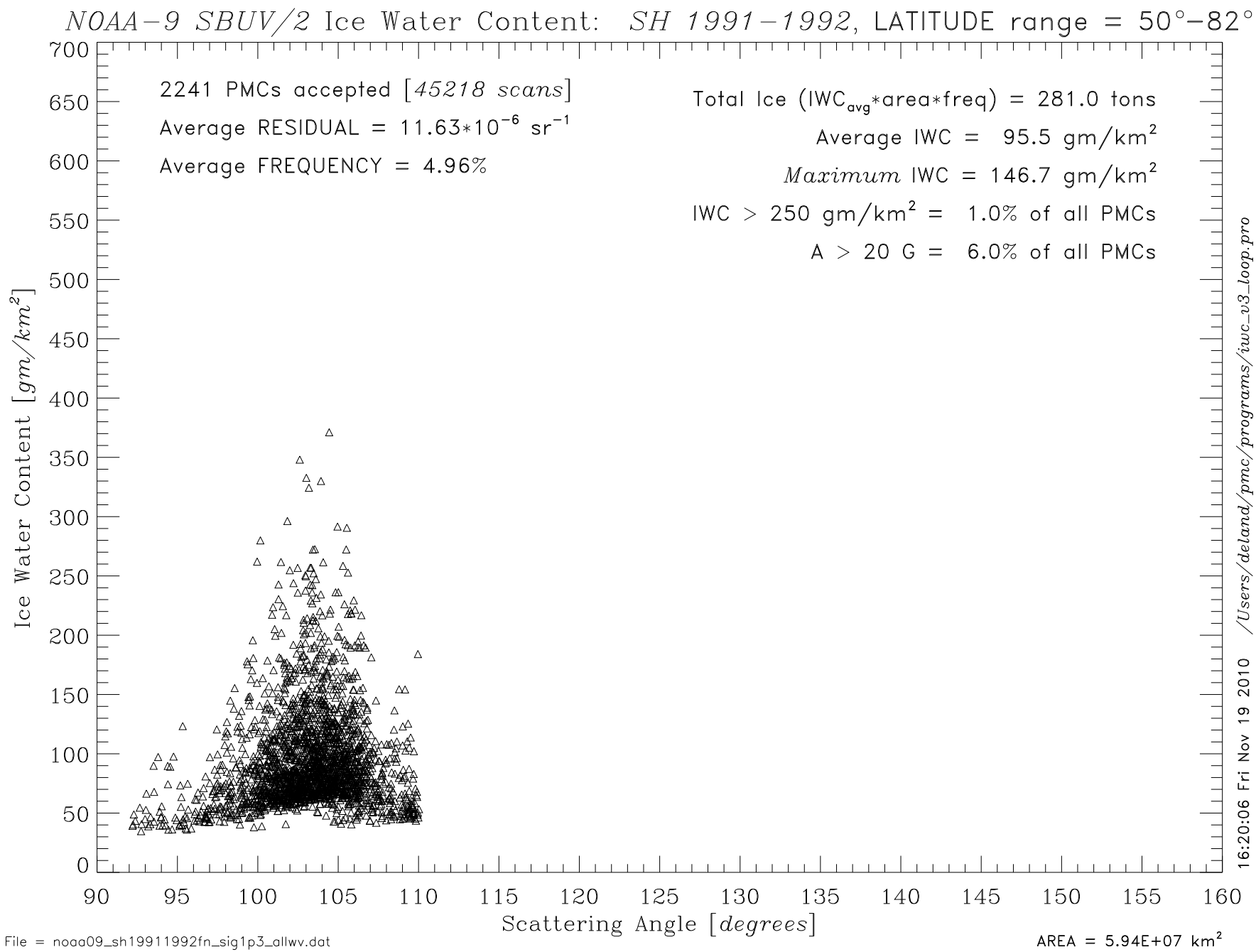

NOAA−9 SBUV/2 Ice Water Content: SH 1985−1986, LATITUDE range = 50°−82°
1223 PMCs accepted [34486 scans]
Average RESIDUAL = 11.29*10^-6 sr^-1
Average FREQUENCY = 3.55%
Total Ice (IWC_avg*area*freq) = 200.1 tons
Average IWC = 95.0 gm/km^2
Maximum IWC = 148.3 gm/km^2
IWC > 250 gm/km^2 = 1.1% of all PMCs
A > 20 G = 6.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
16:19:05 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19851986fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

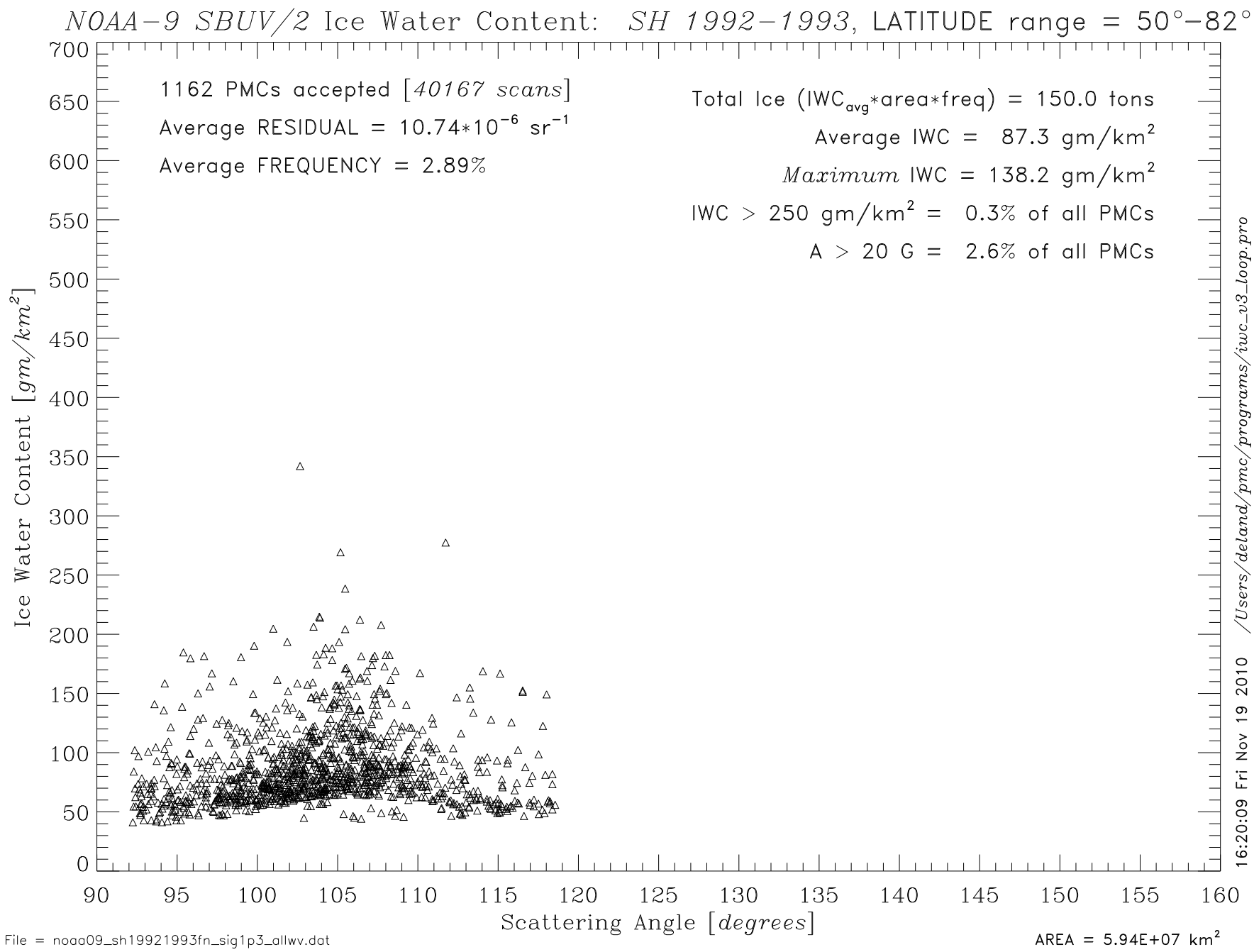

NOAA−9 SBUV/2 Ice Water Content: SH 1986−1987, LATITUDE range = 50°−82°
2484 PMCs accepted [39279 scans]
Average RESIDUAL = 11.59*10^-6 sr^-1
Average FREQUENCY = 6.32%
Total Ice (IWC_avg*area*freq) = 362.1 tons
Average IWC = 96.4 gm/km^2
Maximum IWC = 149.5 gm/km^2
IWC > 250 gm/km^2 = 0.7% of all PMCs
A > 20 G = 5.3% 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
16:19:09 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19861987fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

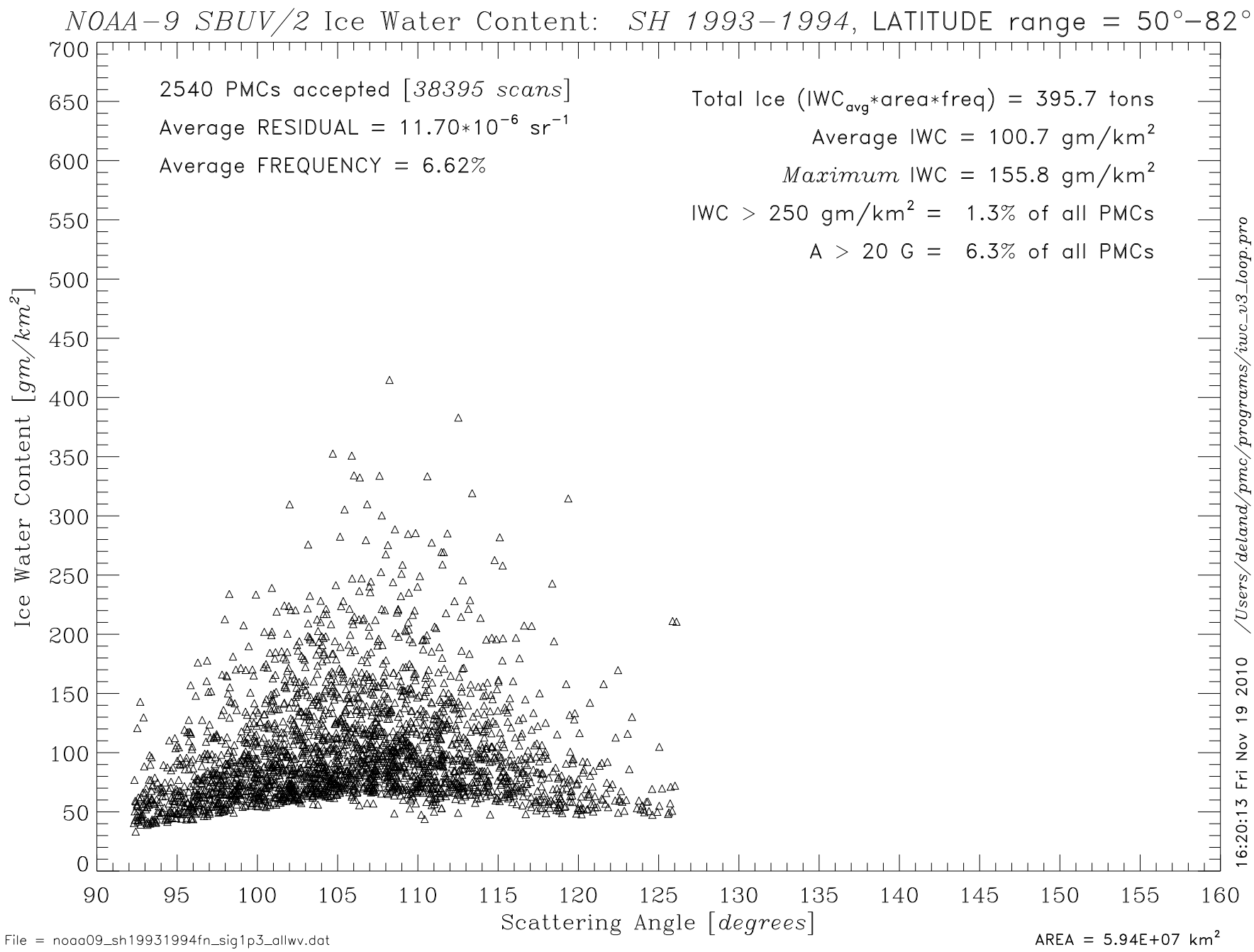

NOAA−9 SBUV/2 Ice Water Content: SH 1987−1988, LATITUDE range = 50°−82°
2466 PMCs accepted [39749 scans]
Average RESIDUAL = 12.22*10^-6 sr^-1
Average FREQUENCY = 6.20%
Total Ice (IWC_avg*area*freq) = 372.7 tons
Average IWC = 101.1 gm/km^2
Maximum IWC = 153.5 gm/km^2
IWC > 250 gm/km^2 = 1.7% of all PMCs
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
125
130
135
140
145
150
155
160
16:19:12 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19871988fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

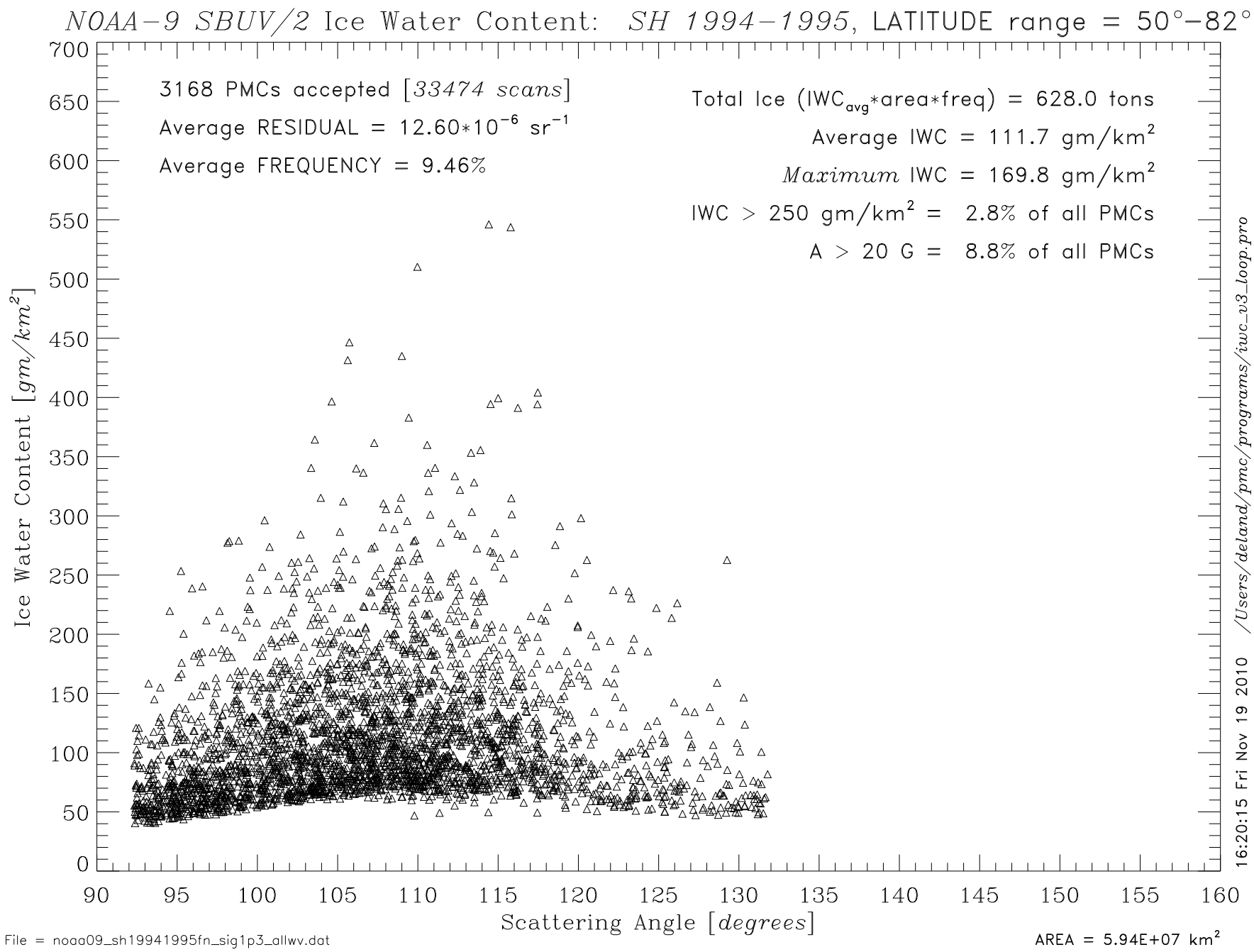

NOAA−9 SBUV/2 Ice Water Content: SH 1988−1989, LATITUDE range = 50°−82°
1962 PMCs accepted [35876 scans]
Average RESIDUAL = 11.92*10^-6 sr^-1
Average FREQUENCY = 5.47%
Total Ice (IWC_avg*area*freq) = 317.0 tons
Average IWC = 97.6 gm/km^2
Maximum IWC = 148.6 gm/km^2
IWC > 250 gm/km^2 = 0.7% of all PMCs
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
125
130
135
140
145
150
155
160
16:19:15 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19881989fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

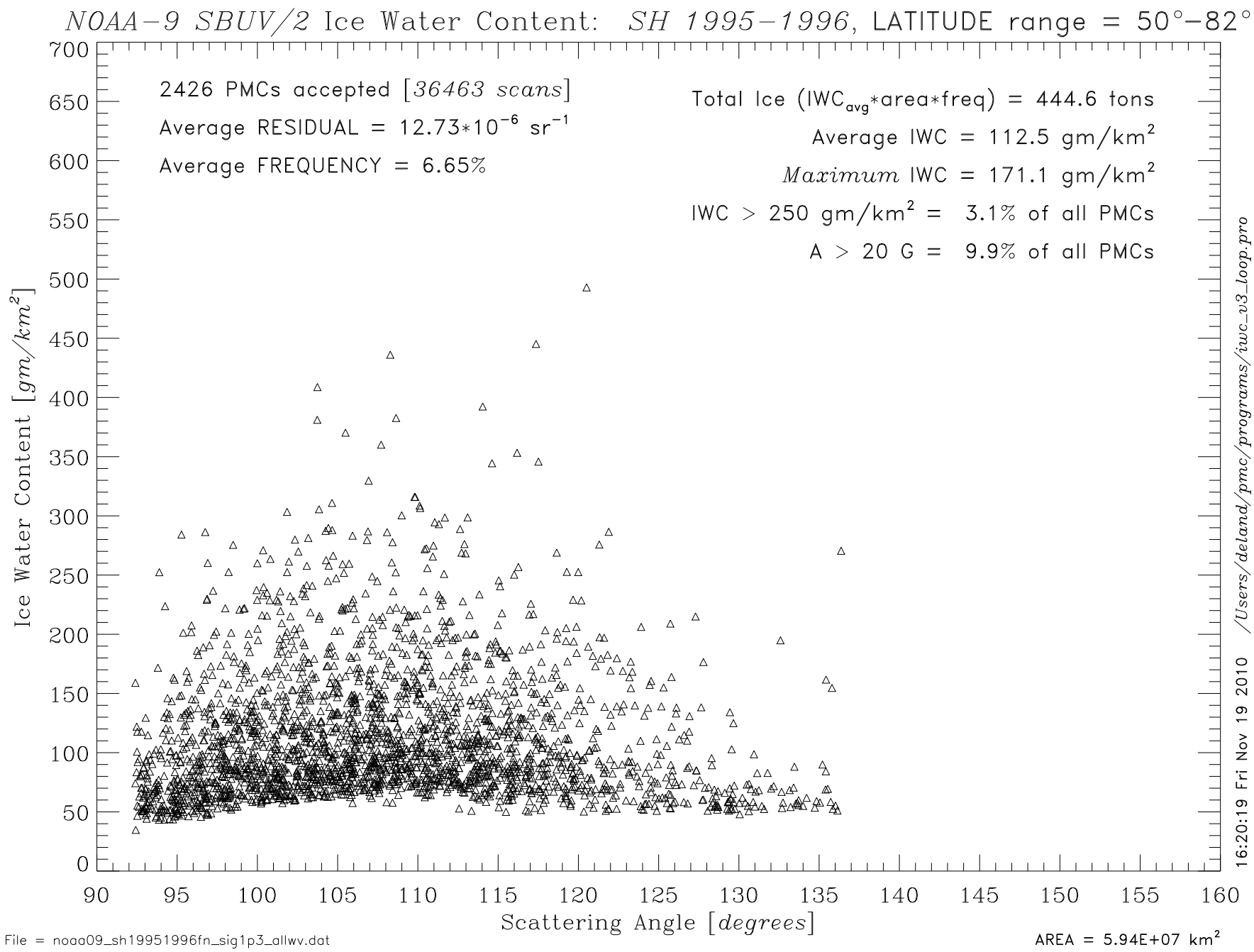

NOAA−9 SBUV/2 Ice Water Content: SH 1989−1990, LATITUDE range = 50°−82°
1960 PMCs accepted [40823 scans]
Average RESIDUAL = 11.74*10^-6 sr^-1
Average FREQUENCY = 4.80%
Total Ice (IWC_avg*area*freq) = 266.8 tons
Average IWC = 93.6 gm/km^2
Maximum IWC = 142.4 gm/km^2
IWC > 250 gm/km^2 = 0.4% of all PMCs
A > 20 G = 6.5% 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
16:19:19 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19891990fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1991−1992, LATITUDE range = 50°−82°
2241 PMCs accepted [45218 scans]
Average RESIDUAL = 11.63*10^-6 sr^-1
Average FREQUENCY = 4.96%
Total Ice (IWC_avg*area*freq) = 281.0 tons
Average IWC = 95.5 gm/km^2
Maximum IWC = 146.7 gm/km^2
IWC > 250 gm/km^2 = 1.0% of all PMCs
A > 20 G = 6.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
16:20:06 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19911992fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1992−1993, LATITUDE range = 50°−82°
1162 PMCs accepted [40167 scans]
Average RESIDUAL = 10.74*10^-6 sr^-1
Average FREQUENCY = 2.89%
Total Ice (IWC_avg*area*freq) = 150.0 tons
Average IWC = 87.3 gm/km^2
Maximum IWC = 138.2 gm/km^2
IWC > 250 gm/km^2 = 0.3% 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
16:20:09 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19921993fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1993−1994, LATITUDE range = 50°−82°
2540 PMCs accepted [38395 scans]
Average RESIDUAL = 11.70*10^-6 sr^-1
Average FREQUENCY = 6.62%
Total Ice (IWC_avg*area*freq) = 395.7 tons
Average IWC = 100.7 gm/km^2
Maximum IWC = 155.8 gm/km^2
IWC > 250 gm/km^2 = 1.3% 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
115
120
125
130
135
140
145
150
155
160
16:20:13 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19931994fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1994−1995, LATITUDE range = 50°−82°
3168 PMCs accepted [33474 scans]
Average RESIDUAL = 12.60*10^-6 sr^-1
Average FREQUENCY = 9.46%
Total Ice (IWC_avg*area*freq) = 628.0 tons
Average IWC = 111.7 gm/km^2
Maximum IWC = 169.8 gm/km^2
IWC > 250 gm/km^2 = 2.8% of all PMCs
A > 20 G = 8.8% 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
16:20:15 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19941995fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1995−1996, LATITUDE range = 50°−82°
2426 PMCs accepted [36463 scans]
Average RESIDUAL = 12.73*10^-6 sr^-1
Average FREQUENCY = 6.65%
Total Ice (IWC_avg*area*freq) = 444.6 tons
Average IWC = 112.5 gm/km^2
Maximum IWC = 171.1 gm/km^2
IWC > 250 gm/km^2 = 3.1% of all PMCs
A > 20 G = 9.9% 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
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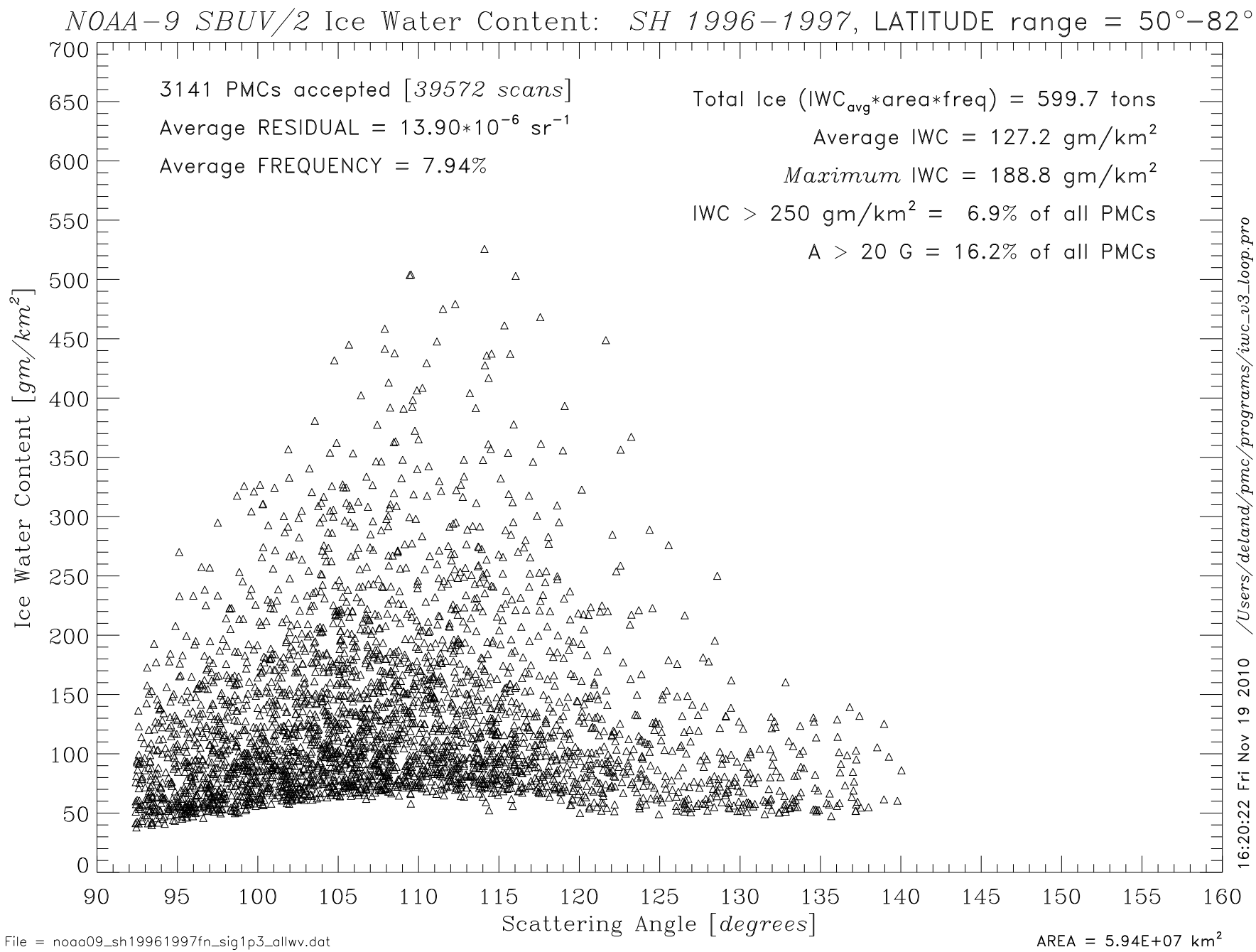
155
160
16:20:19 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19951996fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1996−1997, LATITUDE range = 50°−82°
3141 PMCs accepted [39572 scans]
Average RESIDUAL = 13.90*10^−6 sr^−1
Average FREQUENCY = 7.94%
Total Ice (IWC_avg*area*freq) = 599.7 tons
Average IWC = 127.2 gm/km^2
Maximum IWC = 188.8 gm/km^2
IWC > 250 gm/km^2 = 6.9% of all PMCs
A > 20 G = 16.2% 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
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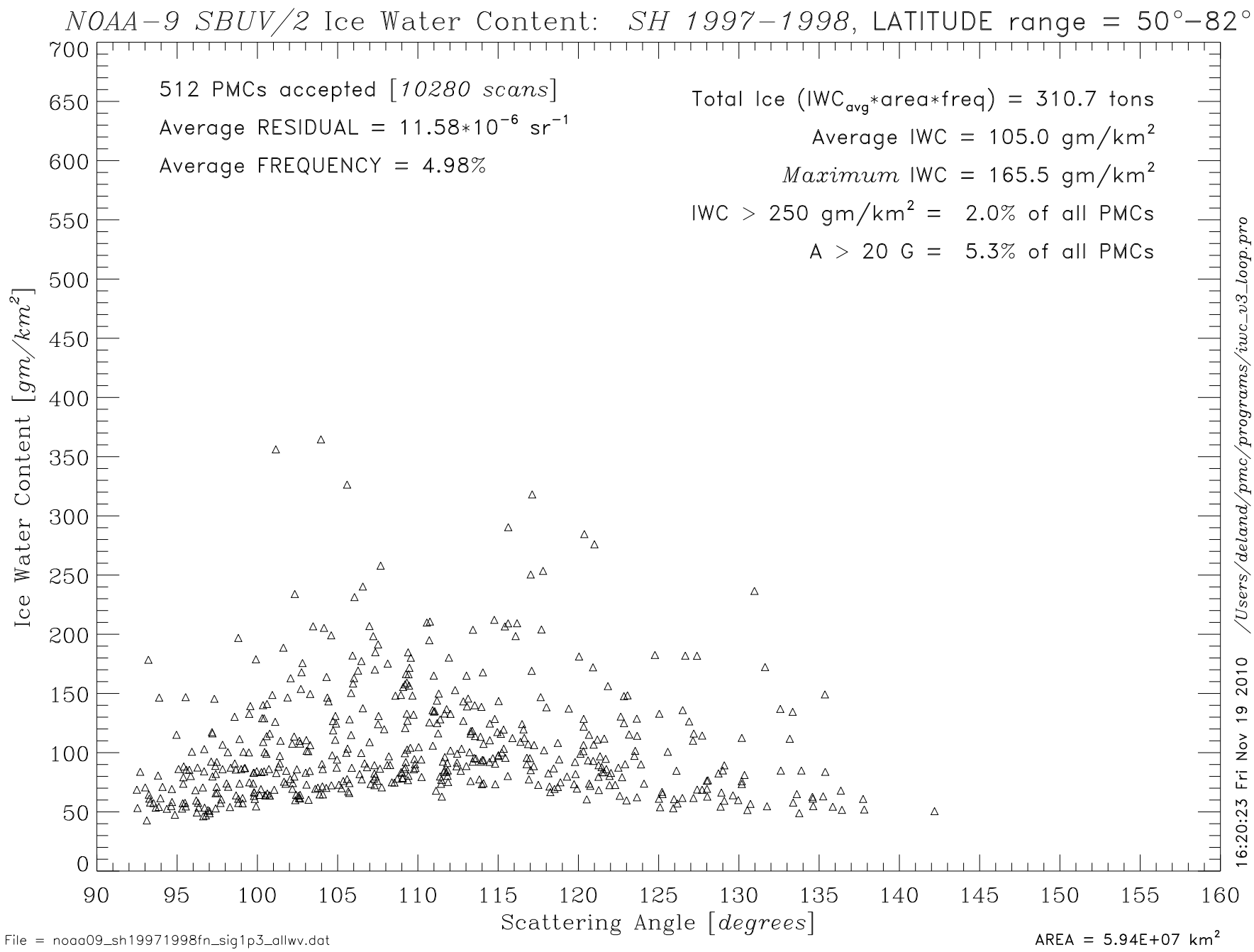
145
150
155
160
16:20:22 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19961997fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−9 SBUV/2 Ice Water Content: SH 1997−1998, LATITUDE range = 50°−82°
512 PMCs accepted [10280 scans]
Average RESIDUAL = 11.58*10^-6 sr^-1
Average FREQUENCY = 4.98%
Total Ice (IWC_avg*area*freq) = 310.7 tons
Average IWC = 105.0 gm/km^2
Maximum IWC = 165.5 gm/km^2
IWC > 250 gm/km^2 = 2.0% of all PMCs
A > 20 G = 5.3% 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
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130
135
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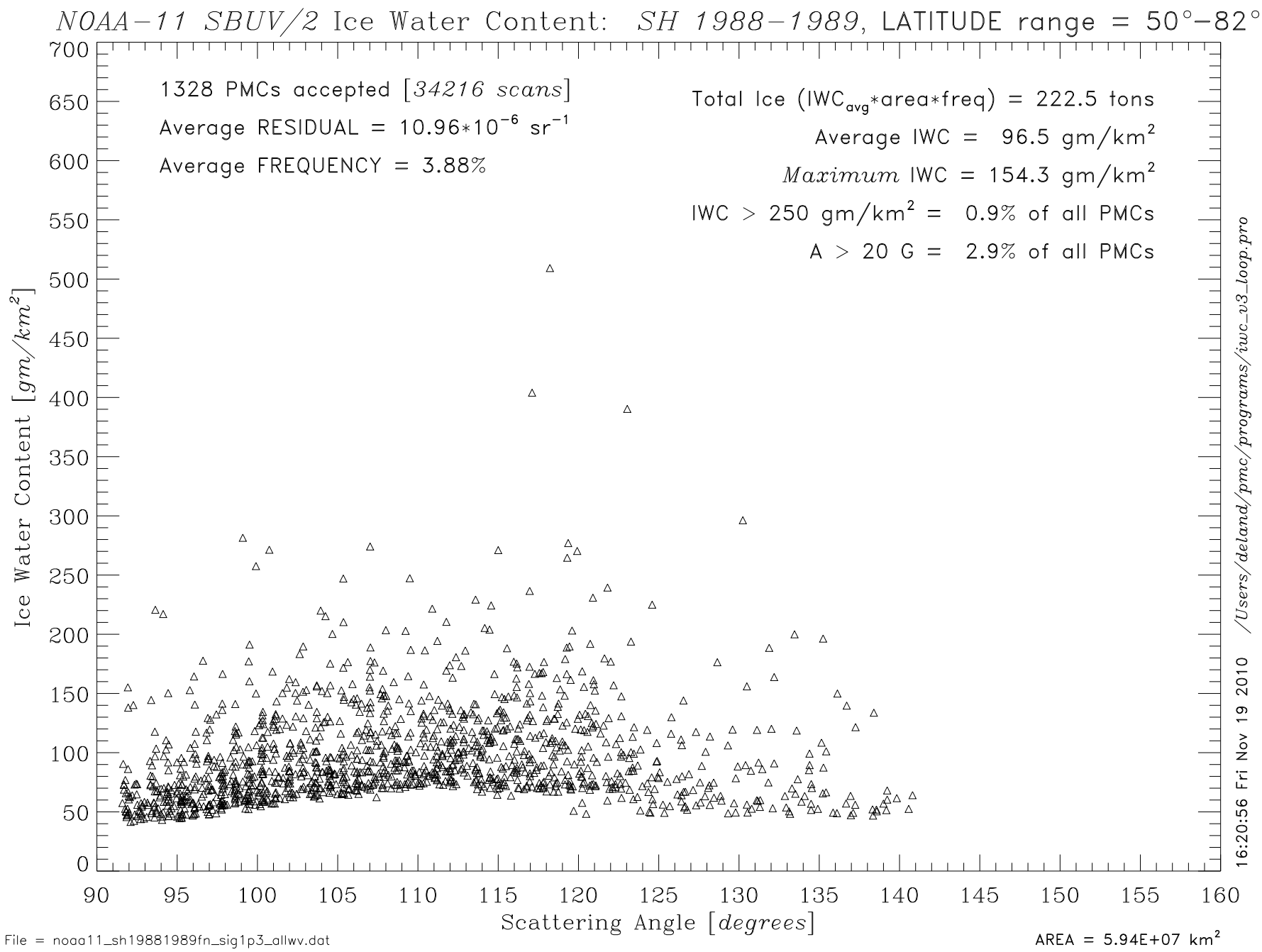
150
155
160
16:20:23 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa09_sh19971998fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1988−1989, LATITUDE range = 50°−82°
1328 PMCs accepted [34216 scans]
Average RESIDUAL = 10.96*10^-6 sr^-1
Average FREQUENCY = 3.88%
Total Ice (IWC_avg*area*freq) = 222.5 tons
Average IWC = 96.5 gm/km^2
Maximum IWC = 154.3 gm/km^2
IWC > 250 gm/km^2 = 0.9% of all PMCs
A > 20 G = 2.9% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
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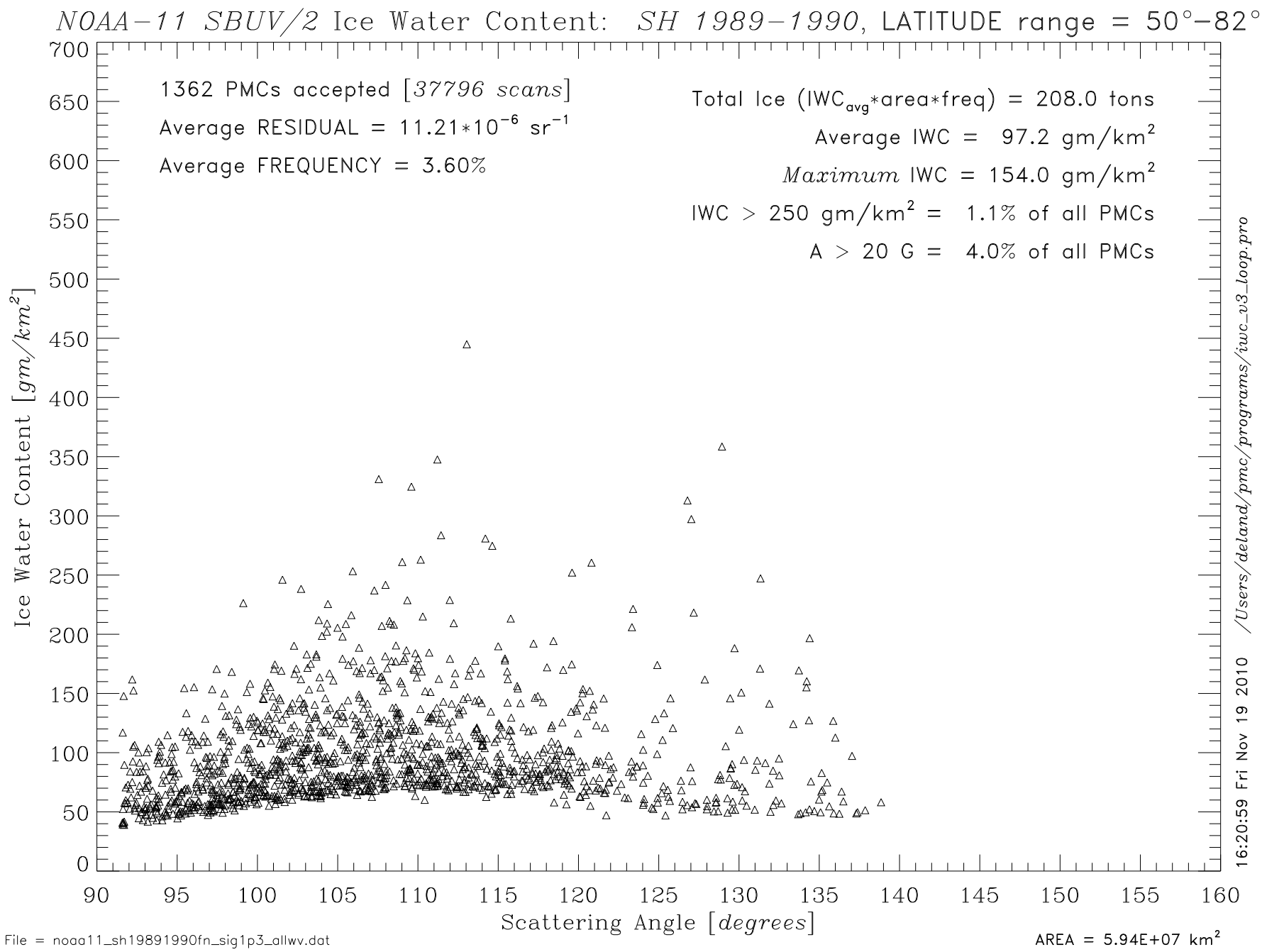
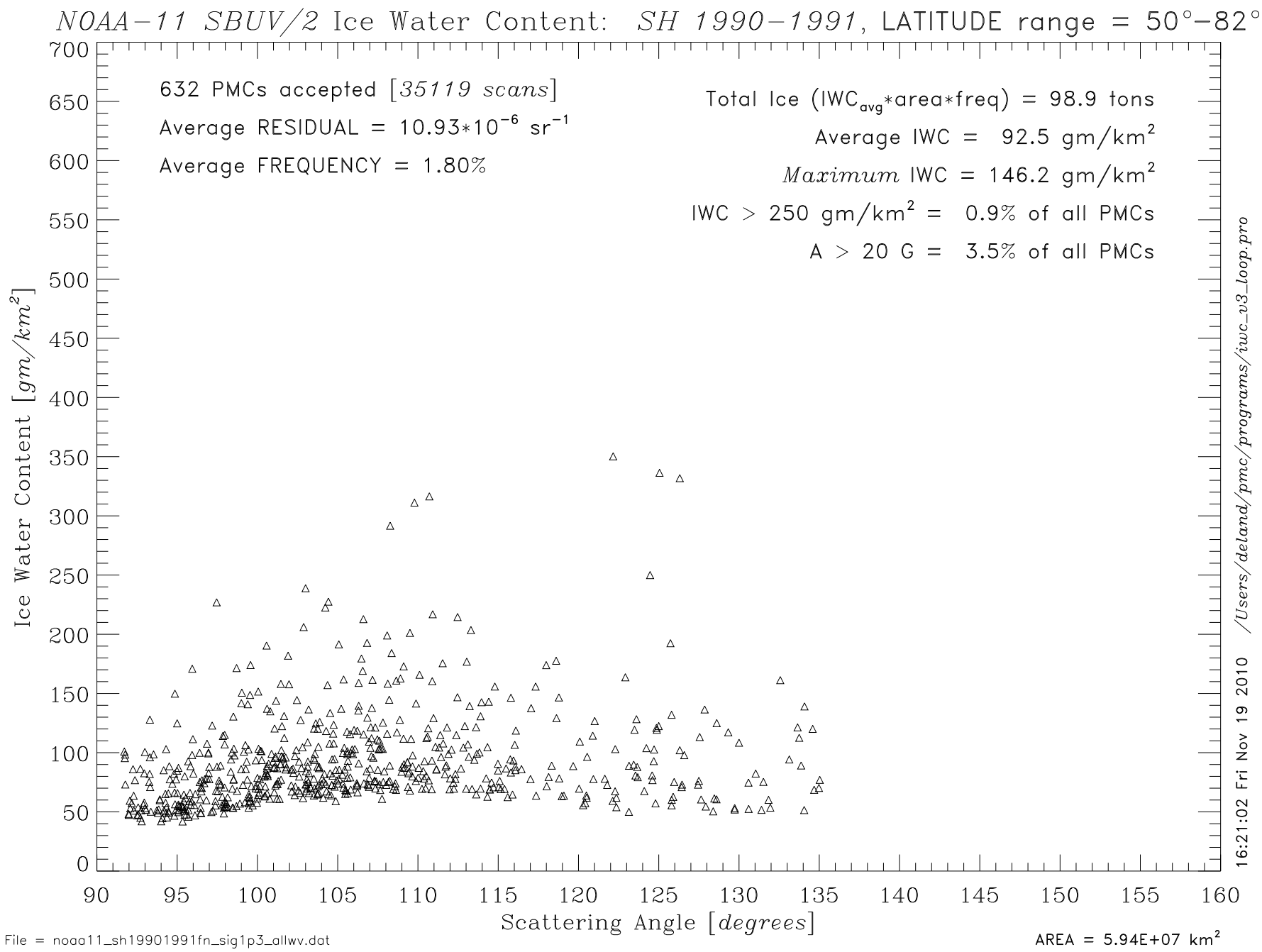
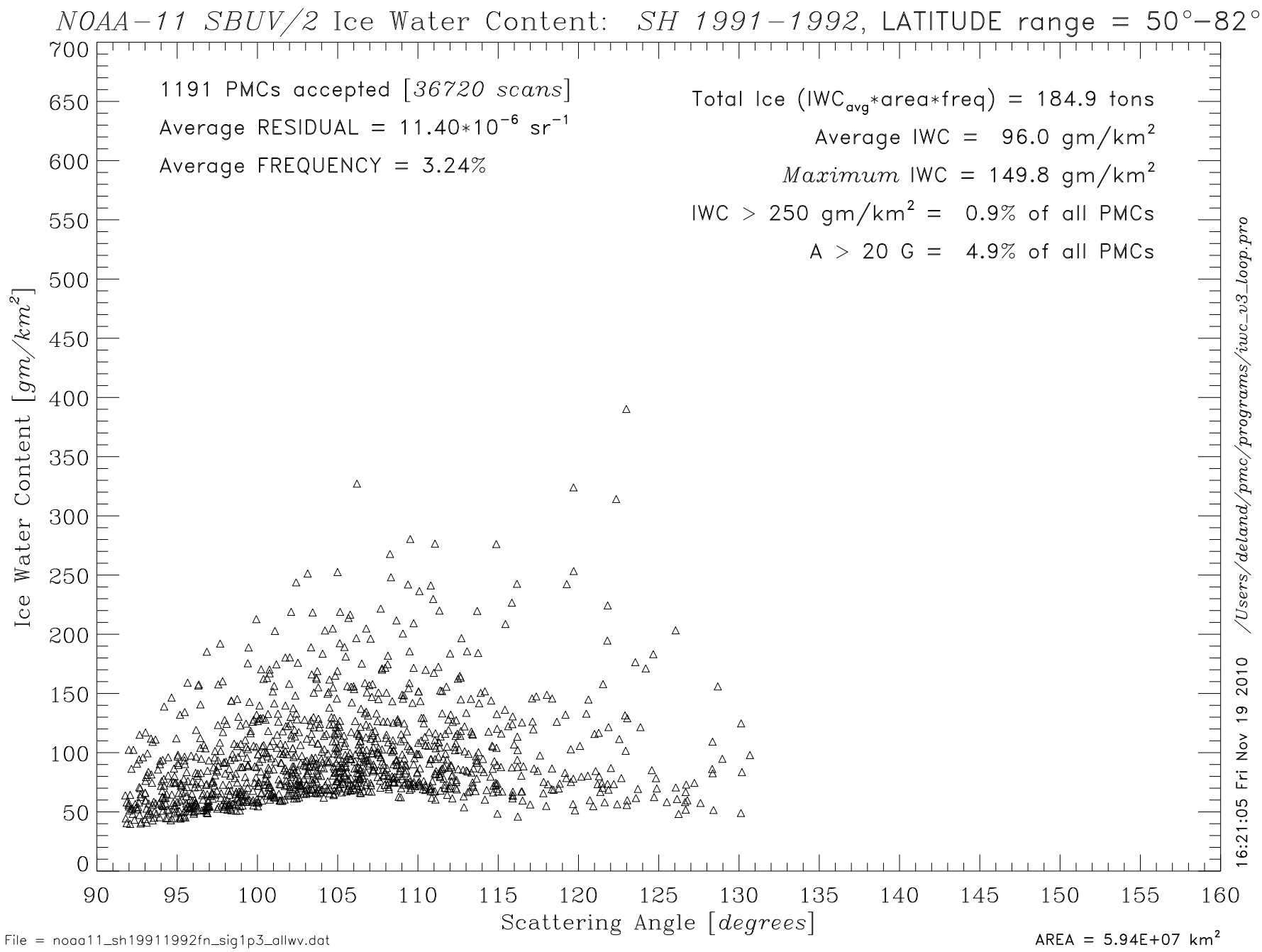
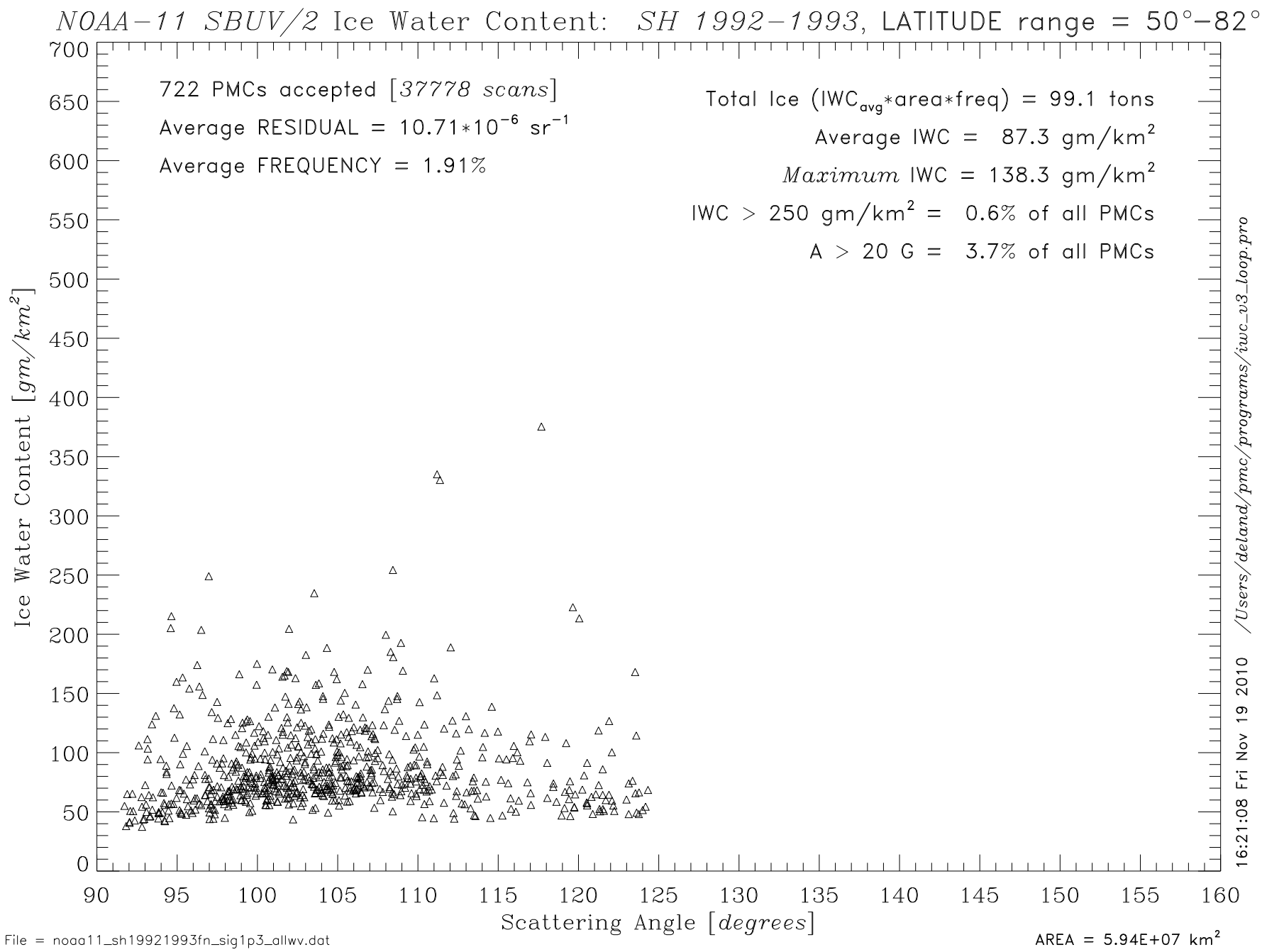
145
150
155
160
16:20:56 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19881989fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1989−1990, LATITUDE range = 50°−82°
1362 PMCs accepted [37796 scans]
Average RESIDUAL = 11.21*10^-6 sr^-1
Average FREQUENCY = 3.60%
Total Ice (IWC_avg*area*freq) = 208.0 tons
Average IWC = 97.2 gm/km^2
Maximum IWC = 154.0 gm/km^2
IWC > 250 gm/km^2 = 1.1% 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
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
16:20:59 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19891990fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1990−1991, LATITUDE range = 50°−82°
632 PMCs accepted [35119 scans]
Average RESIDUAL = 10.93*10^-6 sr^-1
Average FREQUENCY = 1.80%
Total Ice (IWC_avg*area*freq) = 98.9 tons
Average IWC = 92.5 gm/km^2
Maximum IWC = 146.2 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
105
110
115
120
125
130
135
140
145
150
155
160
16:21:02 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19901991fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1991−1992, LATITUDE range = 50°−82°
1191 PMCs accepted [36720 scans]
Average RESIDUAL = 11.40*10^-6 sr^-1
Average FREQUENCY = 3.24%
Total Ice (IWC_avg*area*freq) = 184.9 tons
Average IWC = 96.0 gm/km^2
Maximum IWC = 149.8 gm/km^2
IWC > 250 gm/km^2 = 0.9% 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
16:21:05 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19911992fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1992−1993, LATITUDE range = 50°−82°
722 PMCs accepted [37778 scans]
Average RESIDUAL = 10.71*10^-6 sr^-1
Average FREQUENCY = 1.91%
Total Ice (IWC_avg*area*freq) = 99.1 tons
Average IWC = 87.3 gm/km^2
Maximum IWC = 138.3 gm/km^2
IWC > 250 gm/km^2 = 0.6% 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
450
500
550
600
650
700
90
95
100
105
110
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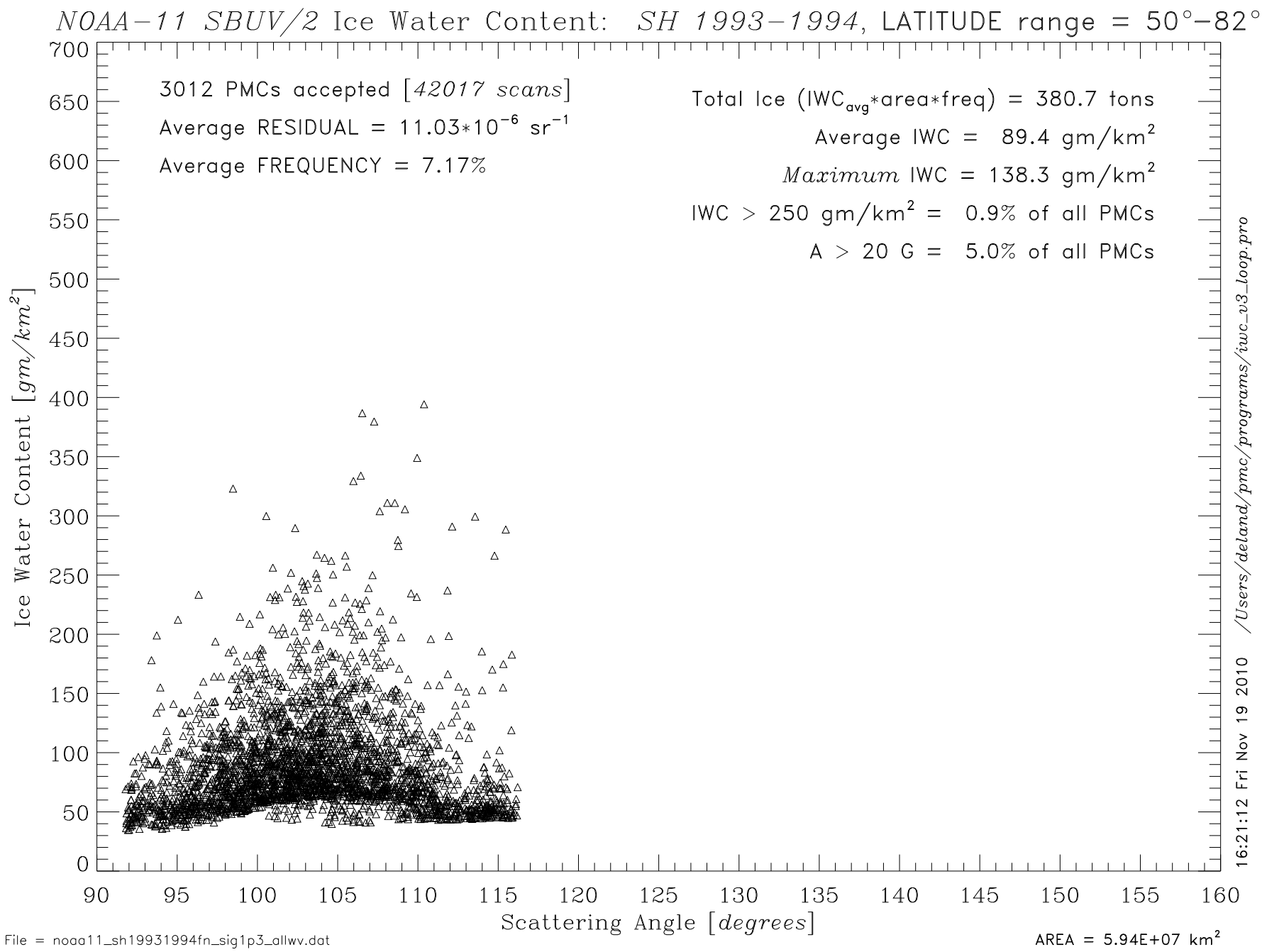
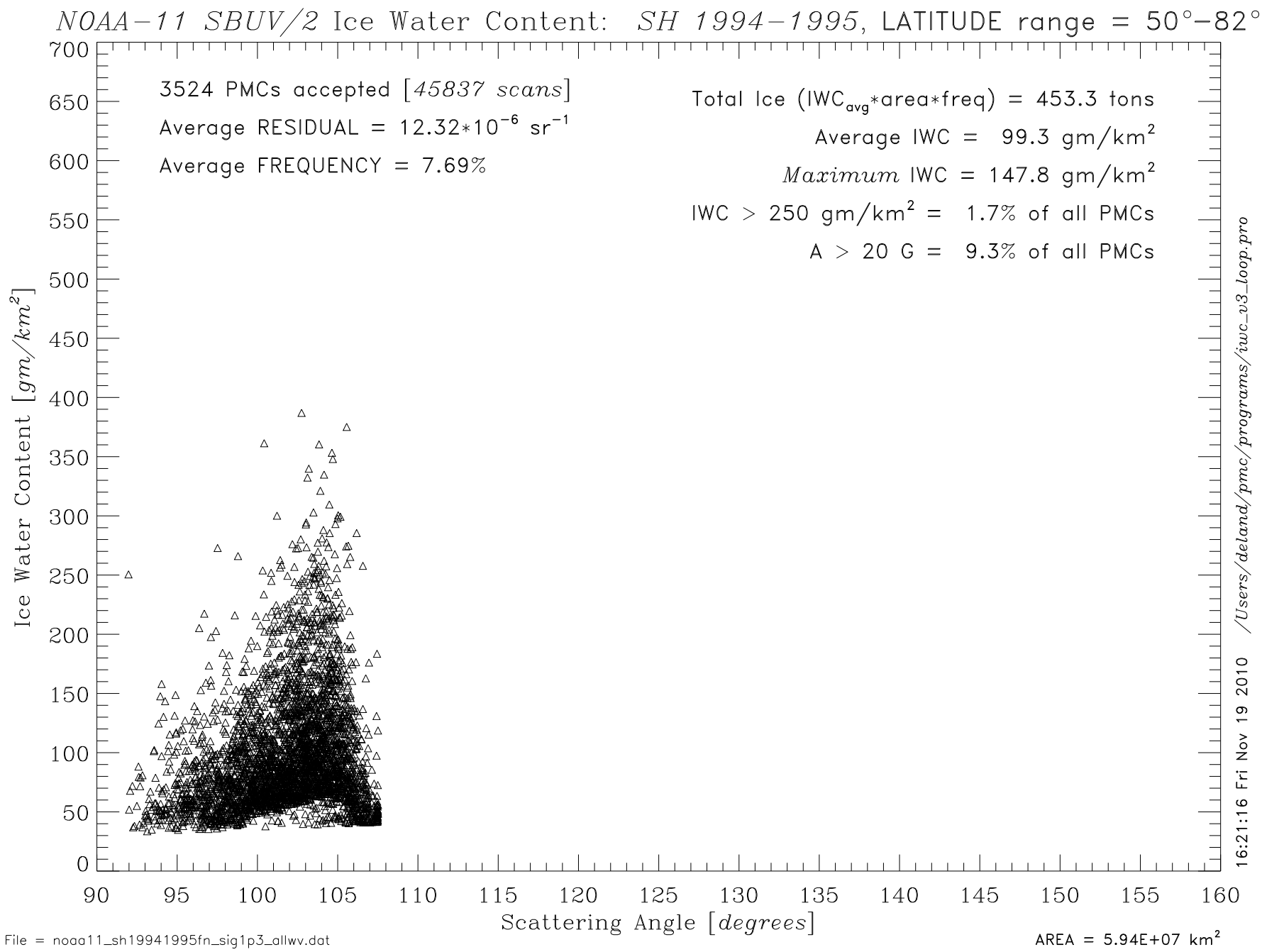
120
125
130
135
140
145
150
155
160
16:21:08 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19921993fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1993−1994, LATITUDE range = 50°−82°
3012 PMCs accepted [42017 scans]
Average RESIDUAL = 11.03*10^-6 sr^-1
Average FREQUENCY = 7.17%
Total Ice (IWC_avg*area*freq) = 380.7 tons
Average IWC = 89.4 gm/km^2
Maximum IWC = 138.3 gm/km^2
IWC > 250 gm/km^2 = 0.9% 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
16:21:12 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19931994fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA-11 SBUV/2 Ice Water Content: SH 1994-1995, LATITUDE range = 50°-82°
3524 PMCs accepted [45837 scans]
Average RESIDUAL = 12.32*10^-6 sr^-1
Average FREQUENCY = 7.69%
Total Ice (IWC_avg*area*freq) = 453.3 tons
Average IWC = 99.3 gm/km^2
Maximum IWC = 147.8 gm/km^2
IWC > 250 gm/km^2 = 1.7% of all PMCs
A > 20 G = 9.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
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95
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105
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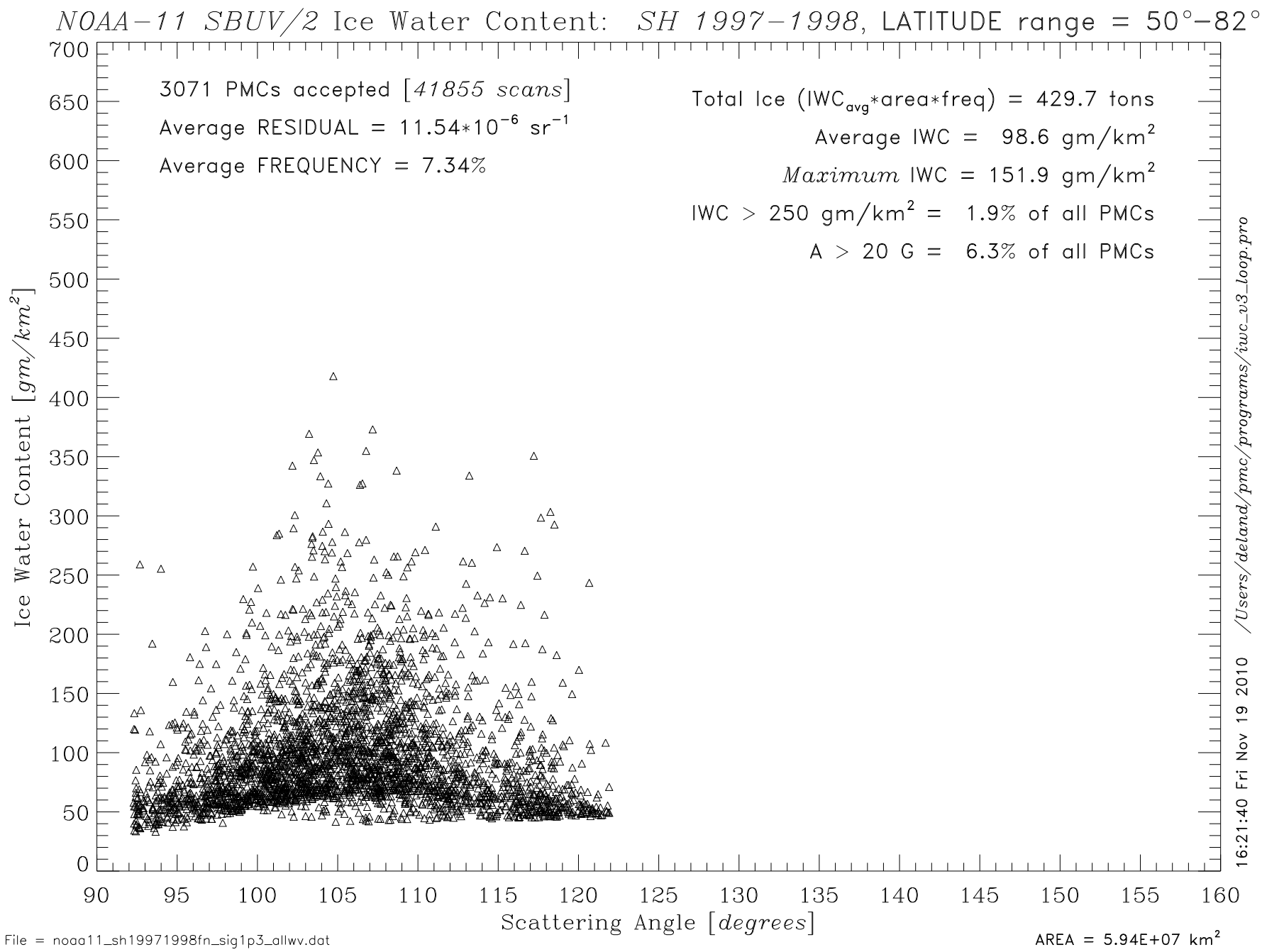
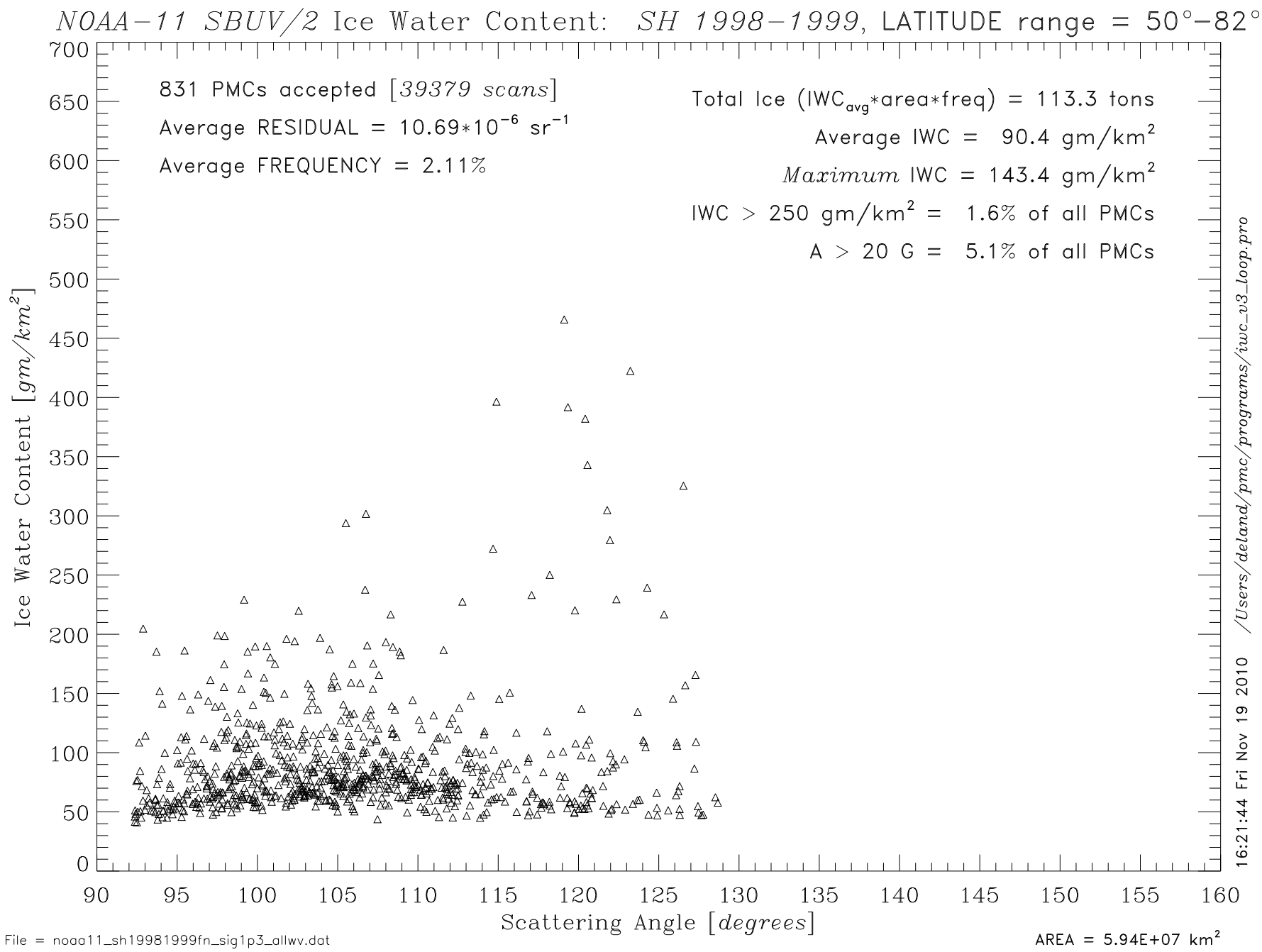
145
150
155
160
16:21:16 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19941995fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA-11 SBUV/2 Ice Water Content: SH 1997-1998, LATITUDE range = 50°-82°
3071 PMCs accepted [41855 scans]
Average RESIDUAL = 11.54*10^-6 sr^-1
Average FREQUENCY = 7.34%
Total Ice (IWC_avg*area*freq) = 429.7 tons
Average IWC = 98.6 gm/km^2
Maximum IWC = 151.9 gm/km^2
IWC > 250 gm/km^2 = 1.9% of all PMCs
A > 20 G = 6.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
/Users/deland/pmc/programs/iwc_v3_loop.pro
16:21:40 Fri Nov 19 2010
File = noaa11_sh19971998fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1998−1999, LATITUDE range = 50°−82°
831 PMCs accepted [39379 scans]
Average RESIDUAL = 10.69*10^-6 sr^-1
Average FREQUENCY = 2.11%
Total Ice (IWC_avg*area*freq) = 113.3 tons
Average IWC = 90.4 gm/km^2
Maximum IWC = 143.4 gm/km^2
IWC > 250 gm/km^2 = 1.6% 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
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700
90
95
100
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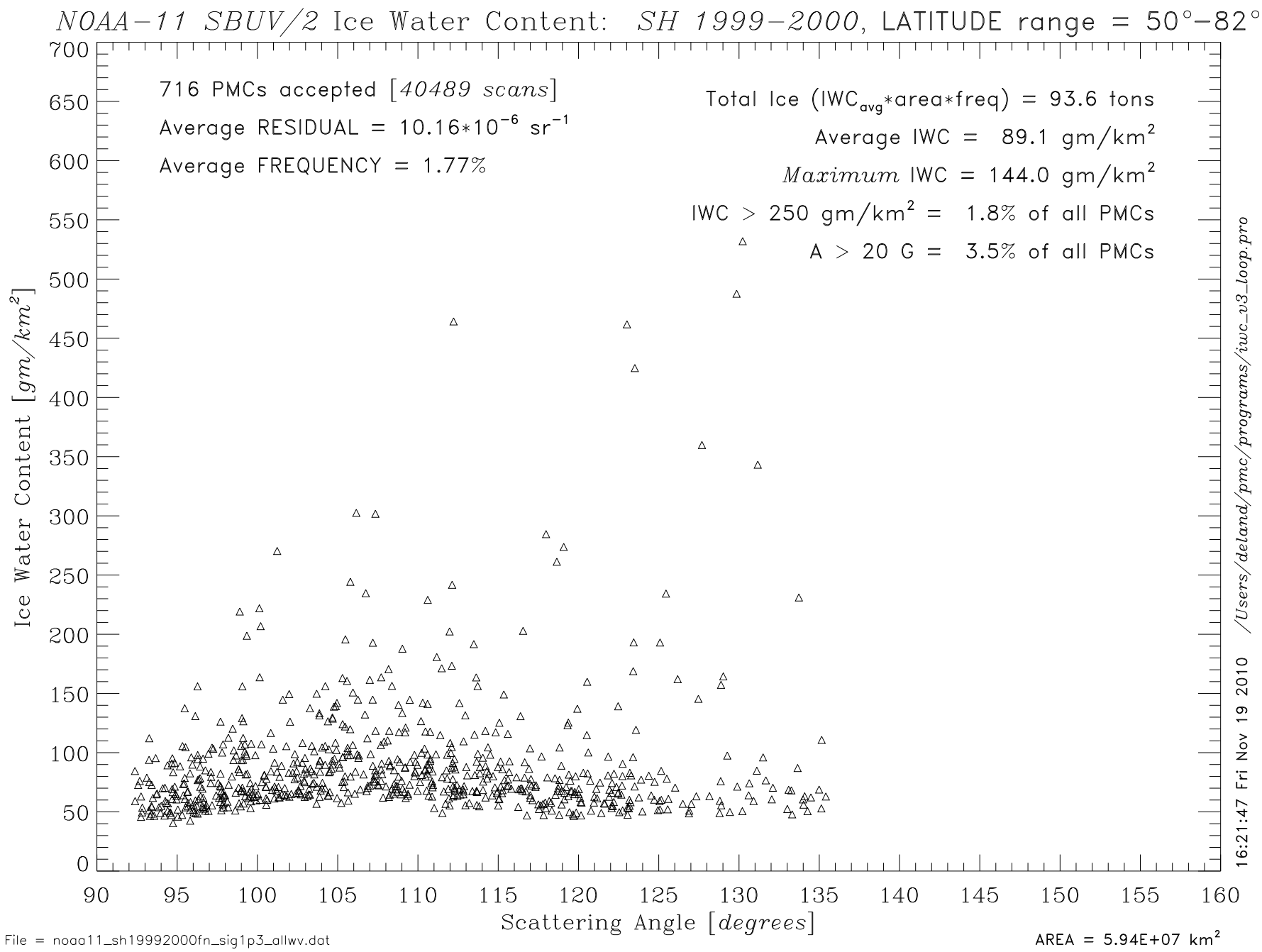
135
140
145
150
155
160
16:21:44 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19981999fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 1999−2000, LATITUDE range = 50°−82°
716 PMCs accepted [40489 scans]
Average RESIDUAL = 10.16*10^-6 sr^-1
Average FREQUENCY = 1.77%
Total Ice (IWC_avg*area*freq) = 93.6 tons
Average IWC = 89.1 gm/km^2
Maximum IWC = 144.0 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
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350
400
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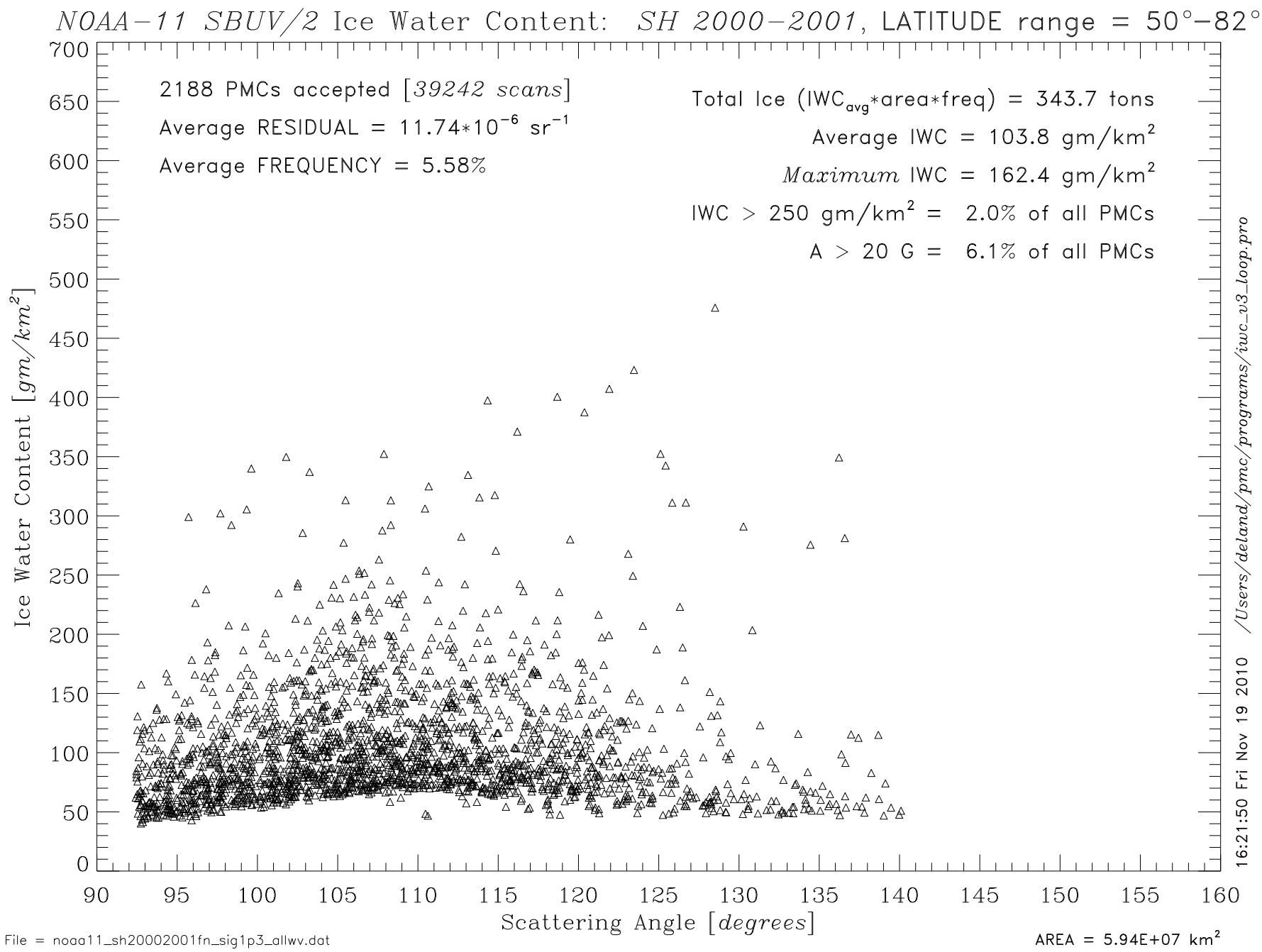
150
155
160
16:21:47 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh19992000fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−11 SBUV/2 Ice Water Content: SH 2000−2001, LATITUDE range = 50°−82°
2188 PMCs accepted [39242 scans]
Average RESIDUAL = 11.74*10^-6 sr^-1
Average FREQUENCY = 5.58%
Total Ice (IWC_avg*area*freq) = 343.7 tons
Average IWC = 103.8 gm/km^2
Maximum IWC = 162.4 gm/km^2
IWC > 250 gm/km^2 = 2.0% of all PMCs
A > 20 G = 6.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
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550
600
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700
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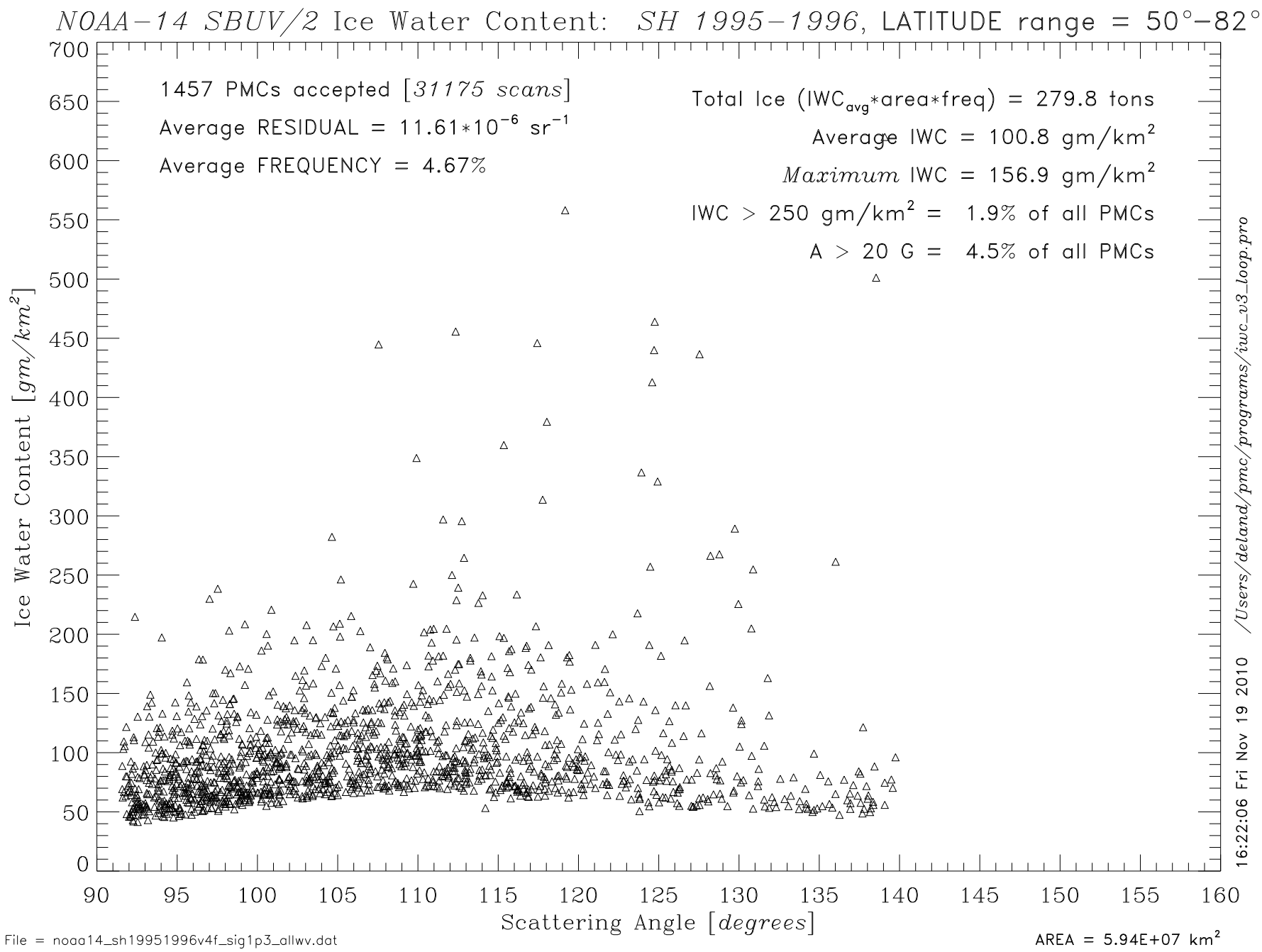
160
16:21:50 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa11_sh20002001fn_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: SH 1995−1996, LATITUDE range = 50°−82°
1457 PMCs accepted [31175 scans]
Average RESIDUAL = 11.61*10^-6 sr^-1
Average FREQUENCY = 4.67%
Total Ice (IWC_avg*area*freq) = 279.8 tons
Average IWC = 100.8 gm/km^2
Maximum IWC = 156.9 gm/km^2
IWC > 250 gm/km^2 = 1.9% 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
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450
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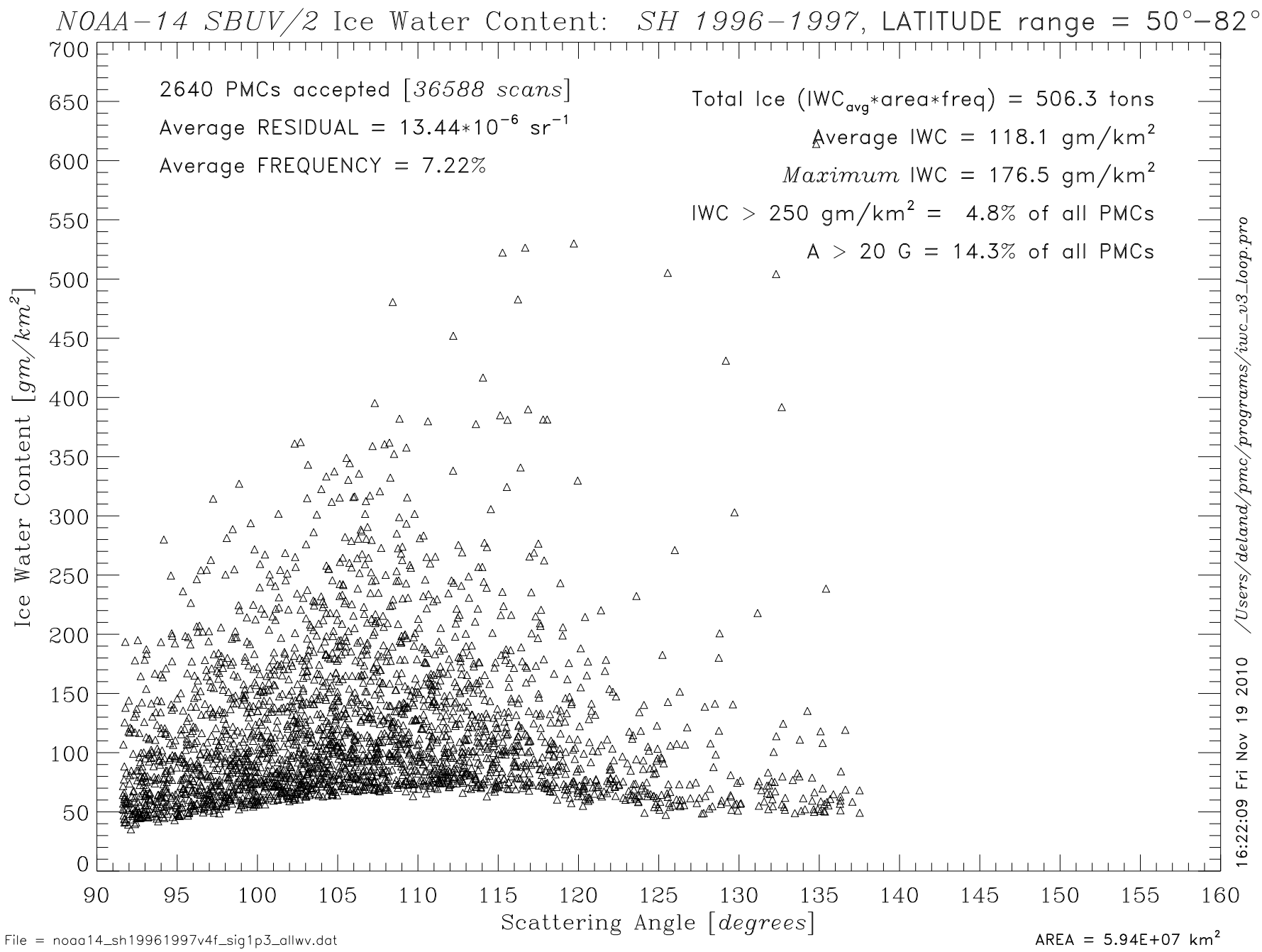
160
16:22:06 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh19951996v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: SH 1996−1997, LATITUDE range = 50°−82°
2640 PMCs accepted [36588 scans]
Average RESIDUAL = 13.44*10^-6 sr^-1
Average FREQUENCY = 7.22%
Total Ice (IWC_avg*area*freq) = 506.3 tons
Average IWC = 118.1 gm/km^2
Maximum IWC = 176.5 gm/km^2
IWC > 250 gm/km^2 = 4.8% of all PMCs
A > 20 G = 14.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
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450
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700
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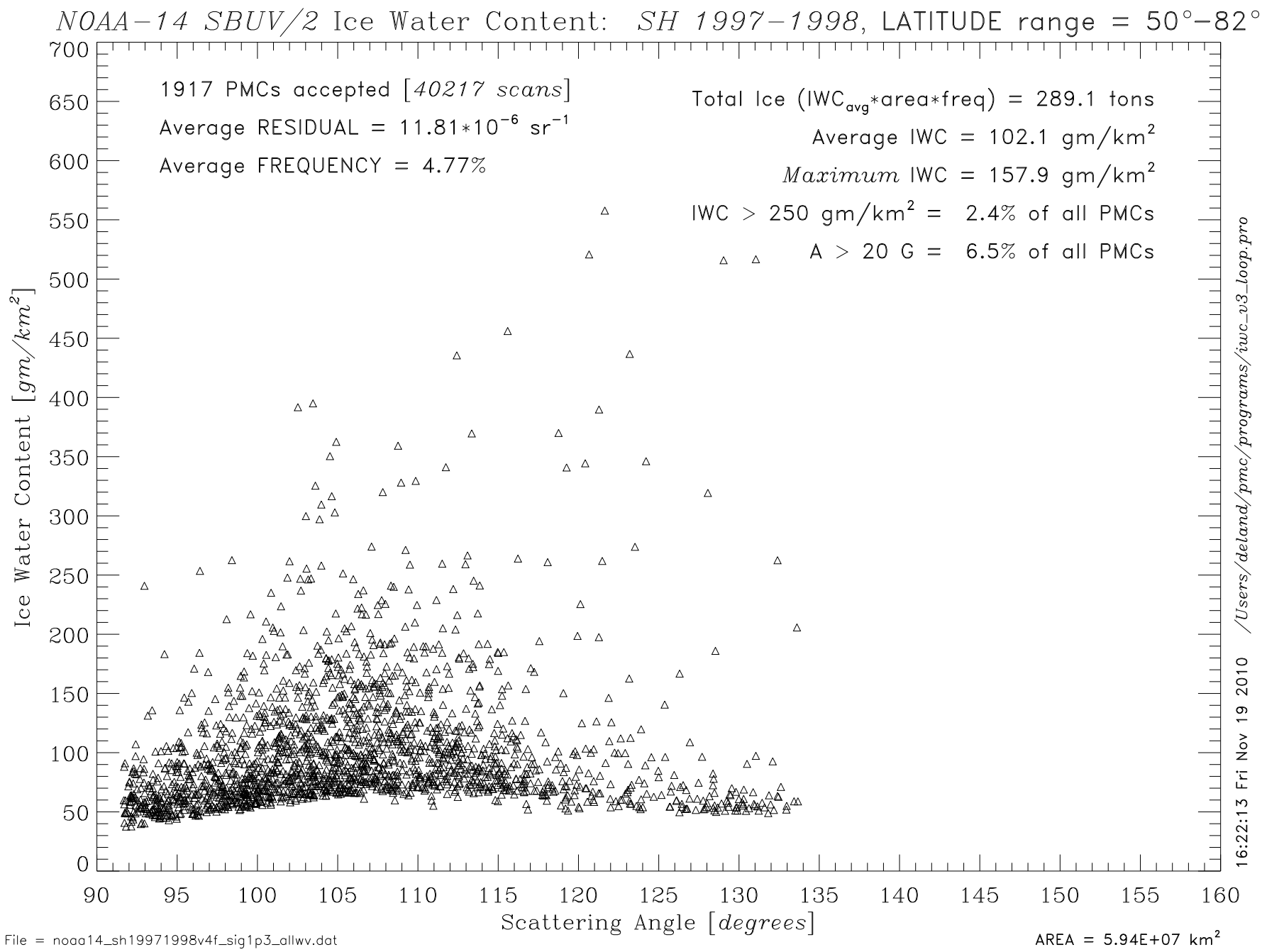
160
16:22:09 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh19961997v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−14 SBUV/2 Ice Water Content: SH 1997−1998, LATITUDE range = 50°−82°
1917 PMCs accepted [40217 scans]
Average RESIDUAL = 11.81*10^-6 sr^-1
Average FREQUENCY = 4.77%
Total Ice (IWC_avg*area*freq) = 289.1 tons
Average IWC = 102.1 gm/km^2
Maximum IWC = 157.9 gm/km^2
IWC > 250 gm/km^2 = 2.4% of all PMCs
A > 20 G = 6.5% 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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105
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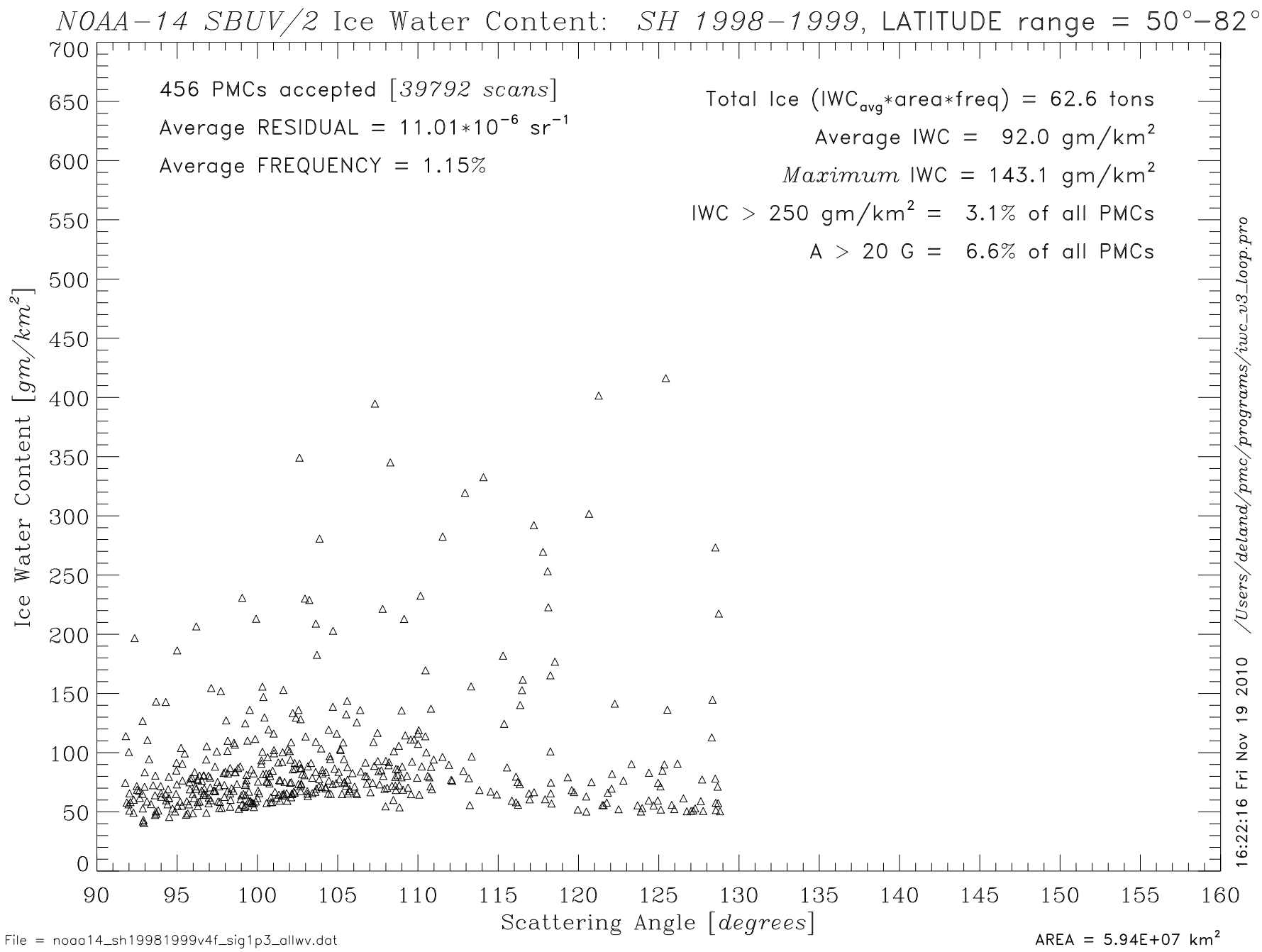
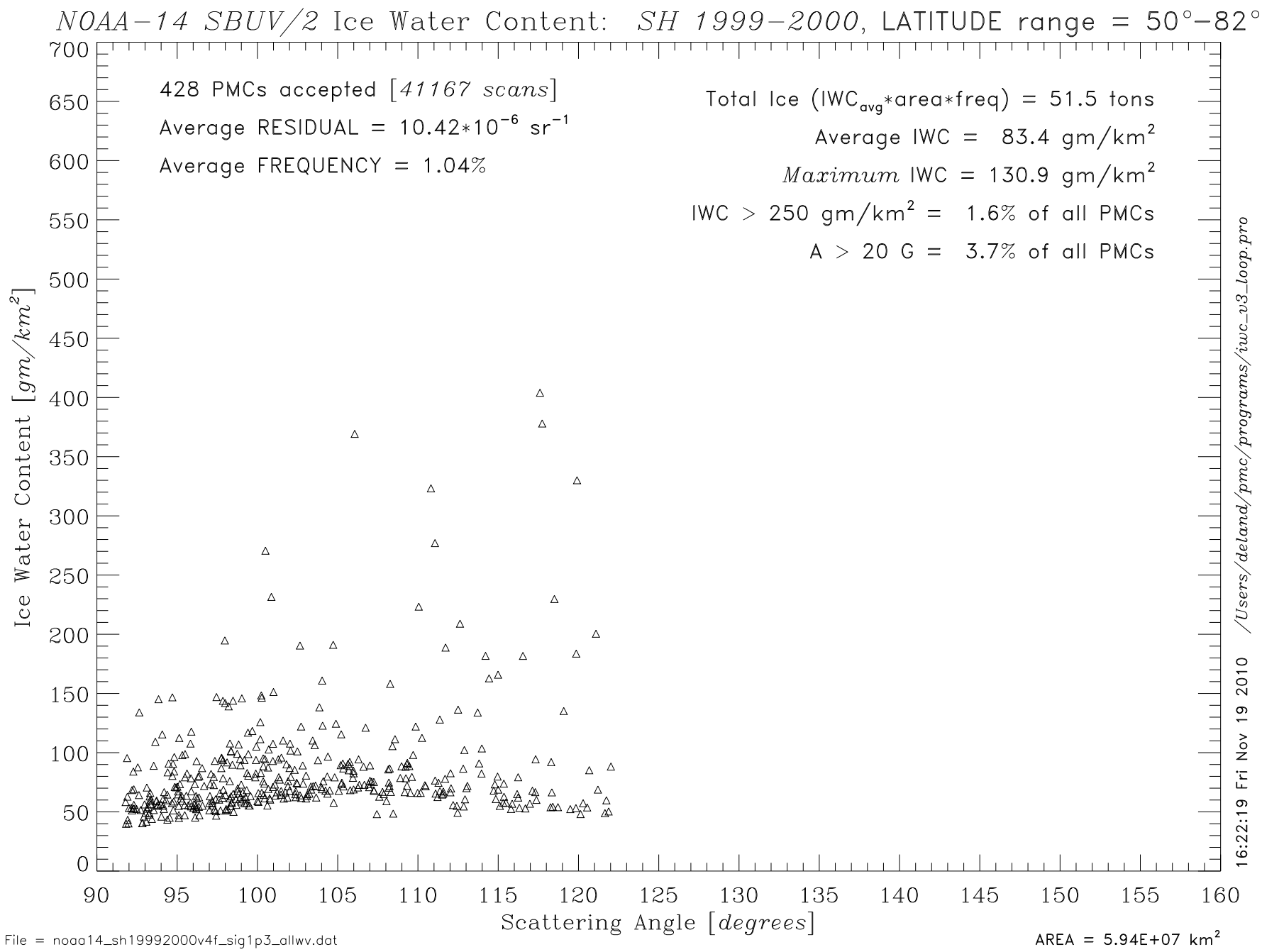
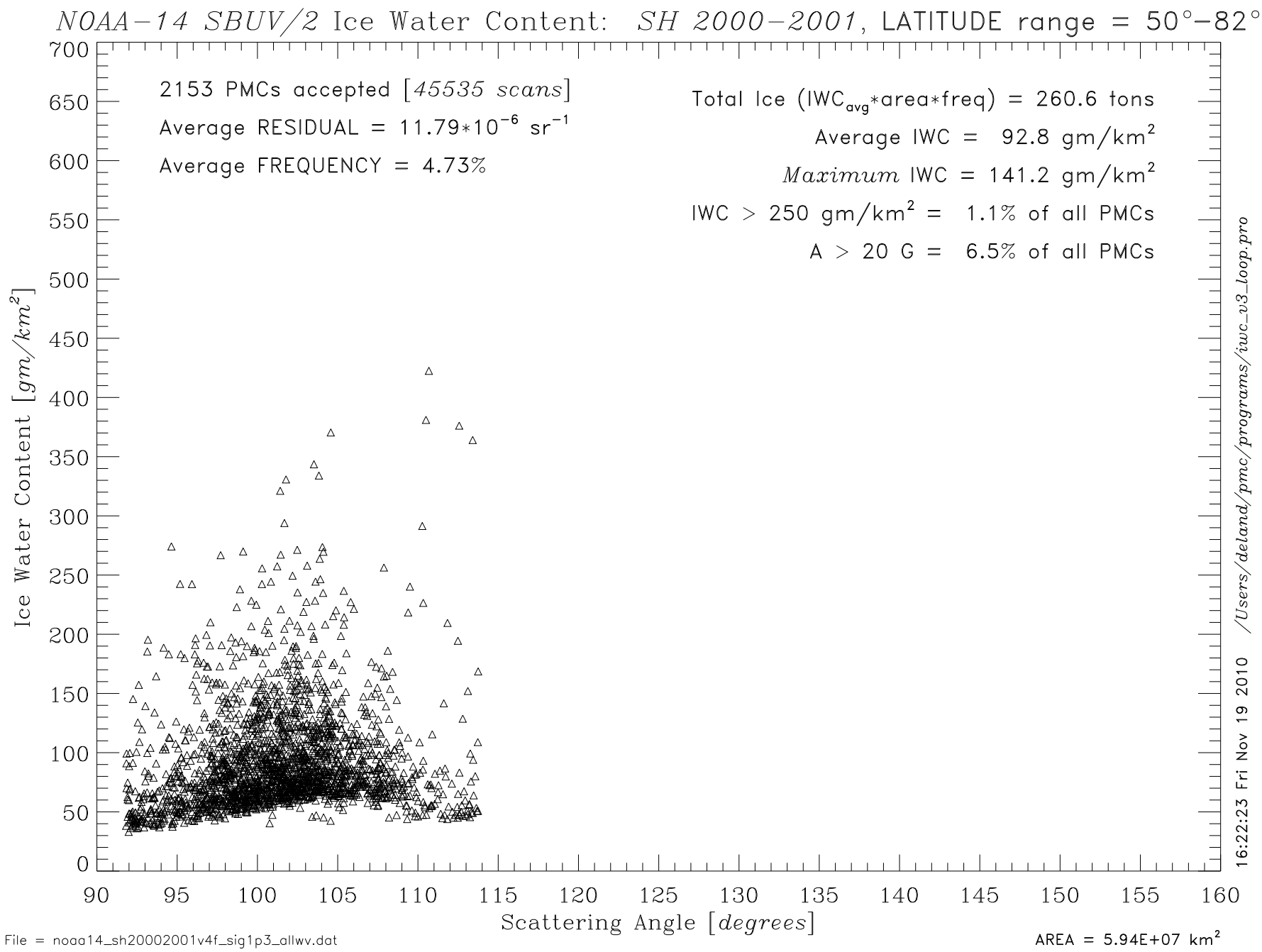
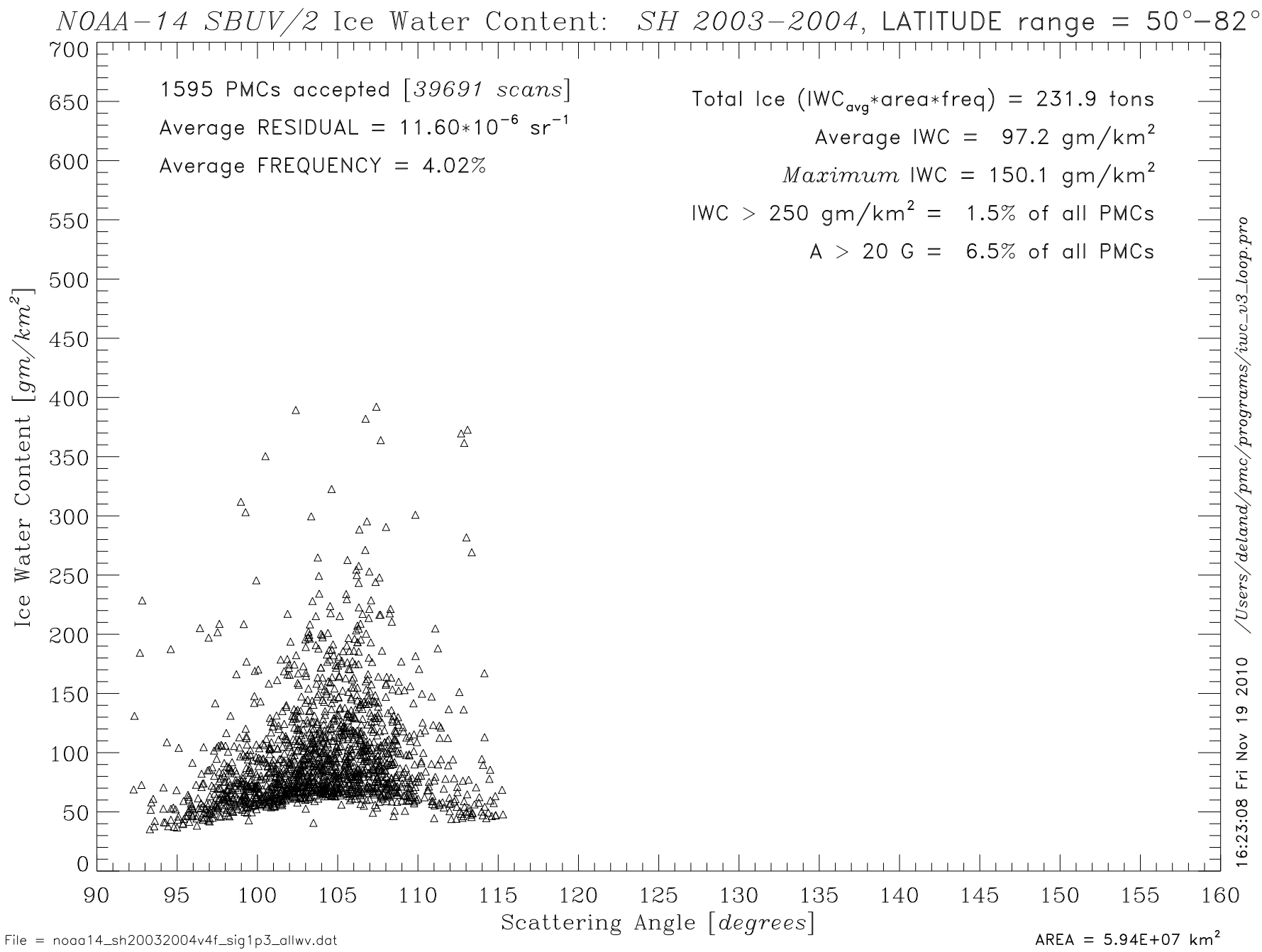
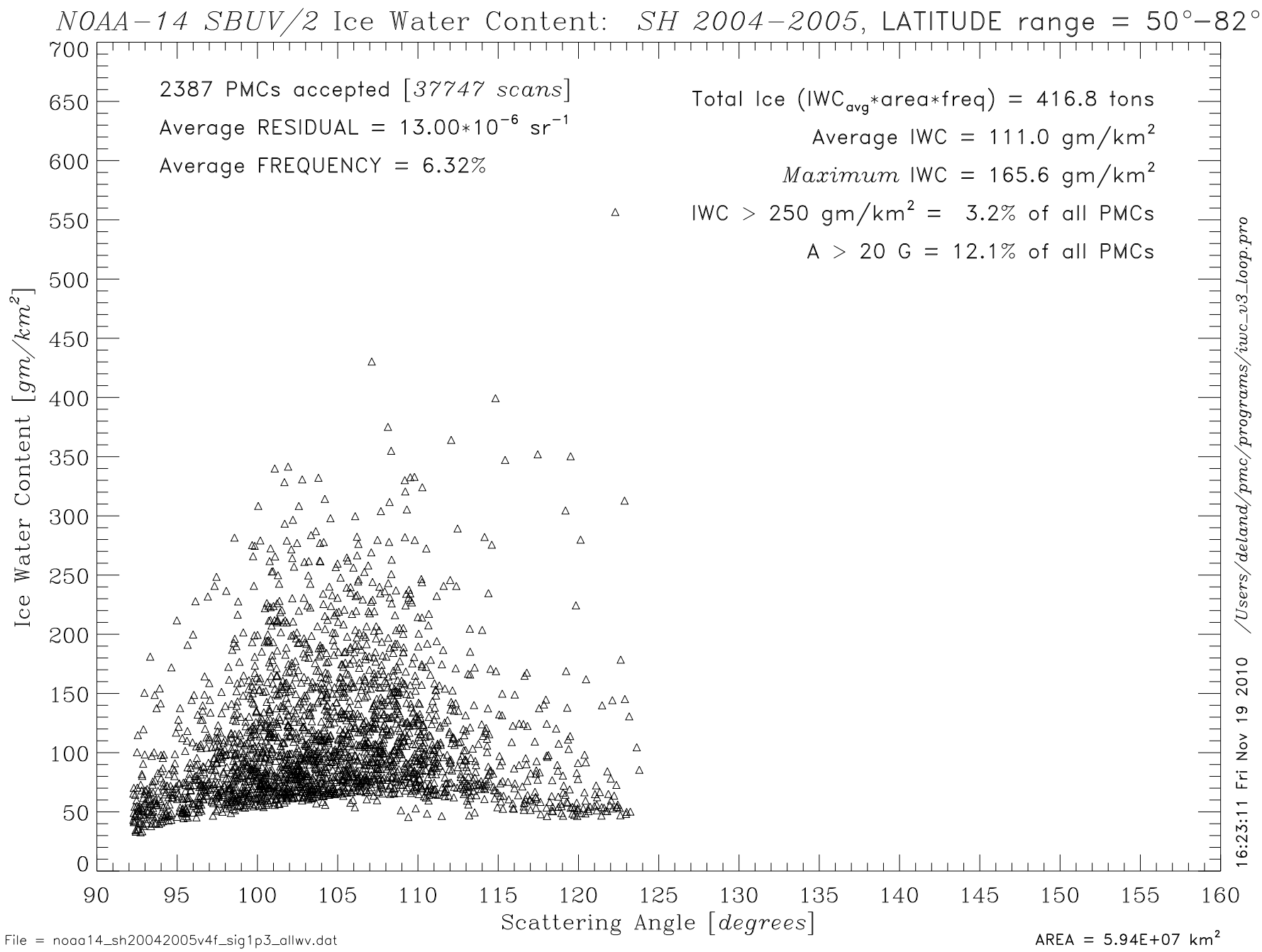
150
155
160
16:22:13 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh19971998v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

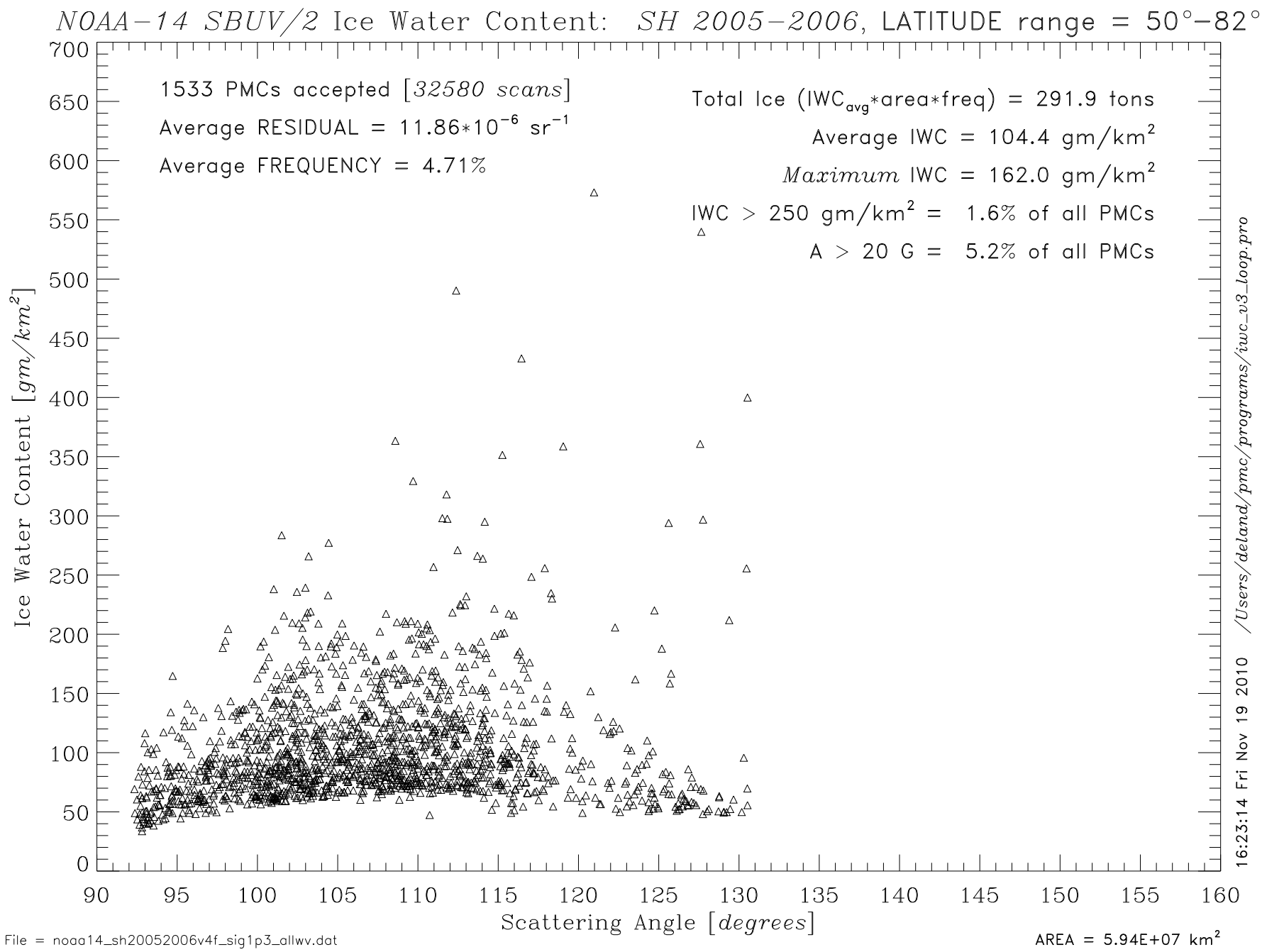

NOAA−14 SBUV/2 Ice Water Content: SH 1998−1999, LATITUDE range = 50°−82°
456 PMCs accepted [39792 scans]
Average RESIDUAL = 11.01*10^-6 sr^-1
Average FREQUENCY = 1.15%
Total Ice (IWC_avg*area*freq) = 62.6 tons
Average IWC = 92.0 gm/km^2
Maximum IWC = 143.1 gm/km^2
IWC > 250 gm/km^2 = 3.1% of all PMCs
A > 20 G = 6.6% 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
16:22:16 Fri Nov 19 2010
File = noaa14_sh19981999v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

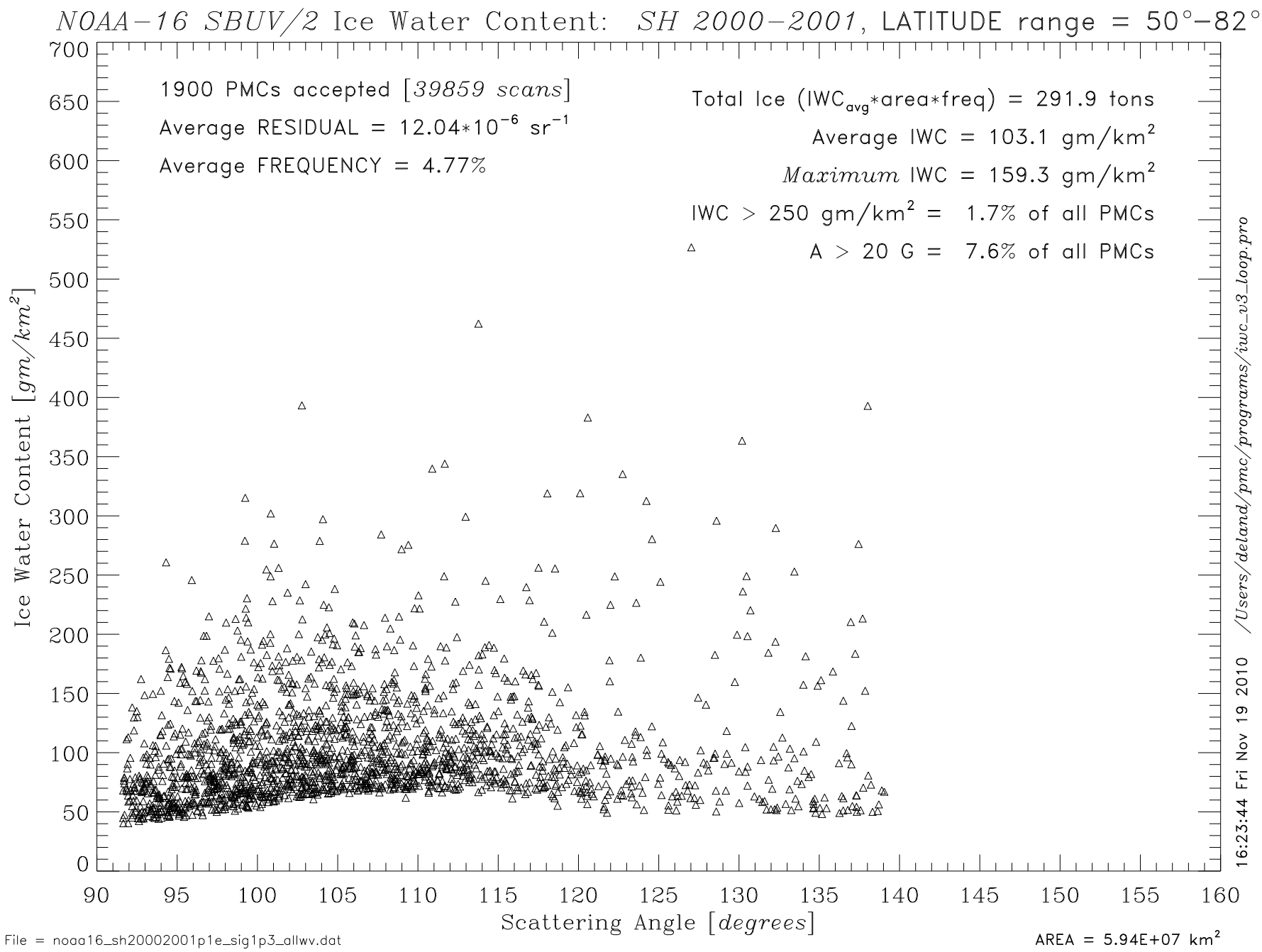

NOAA−14 SBUV/2 Ice Water Content: SH 1999−2000, LATITUDE range = 50°−82°
428 PMCs accepted [41167 scans]
Average RESIDUAL = 10.42*10^-6 sr^-1
Average FREQUENCY = 1.04%
Total Ice (IWC_avg*area*freq) = 51.5 tons
Average IWC = 83.4 gm/km^2
Maximum IWC = 130.9 gm/km^2
IWC > 250 gm/km^2 = 1.6% of all PMCs
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
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
16:22:19 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh19992000v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

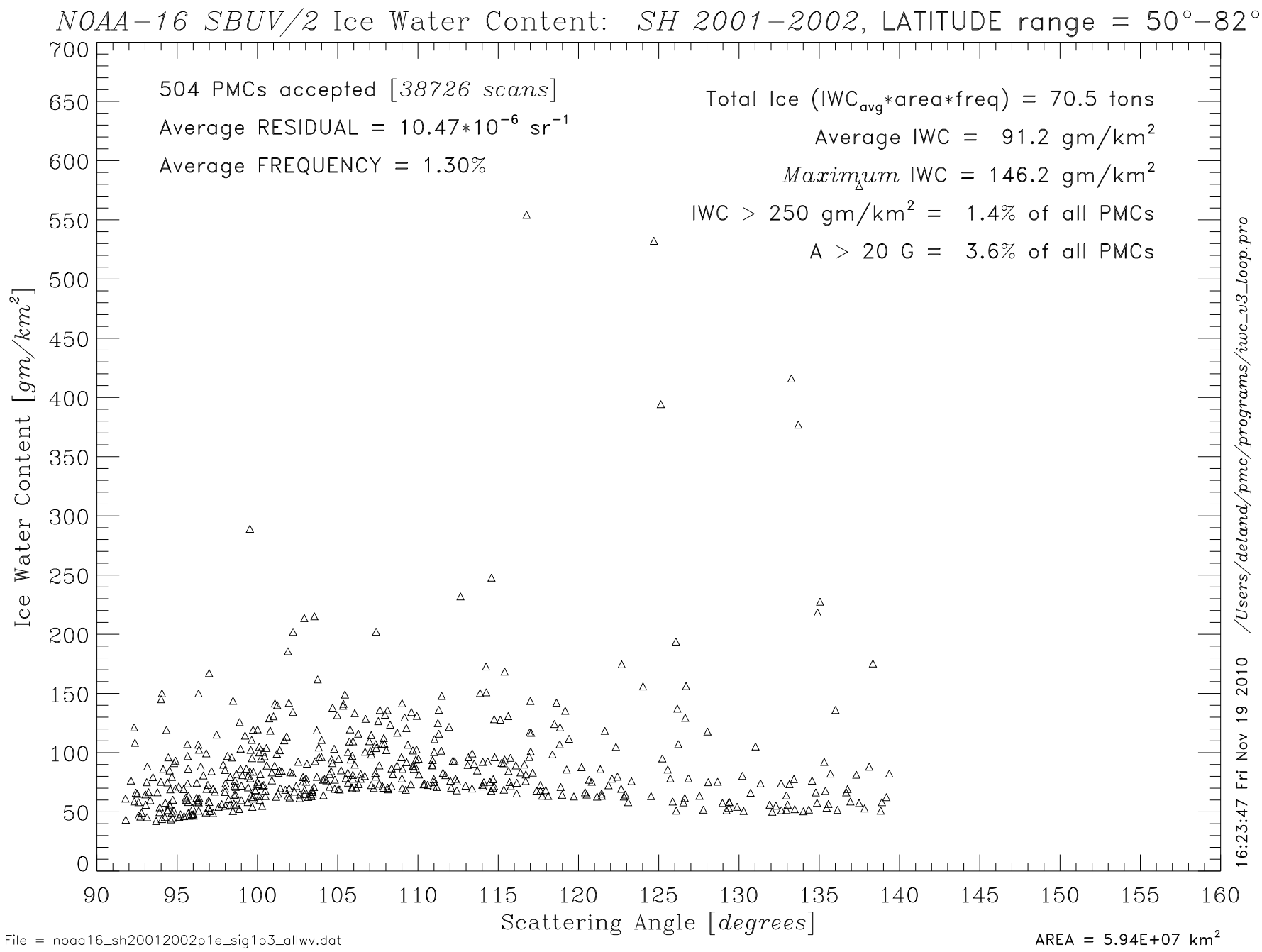

NOAA−14 SBUV/2 Ice Water Content: SH 2000−2001, LATITUDE range = 50°−82°
2153 PMCs accepted [45535 scans]
Average RESIDUAL = 11.79*10^-6 sr^-1
Average FREQUENCY = 4.73%
Total Ice (IWC_avg*area*freq) = 260.6 tons
Average IWC = 92.8 gm/km^2
Maximum IWC = 141.2 gm/km^2
IWC > 250 gm/km^2 = 1.1% of all PMCs
A > 20 G = 6.5% 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
16:22:23 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh20002001v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

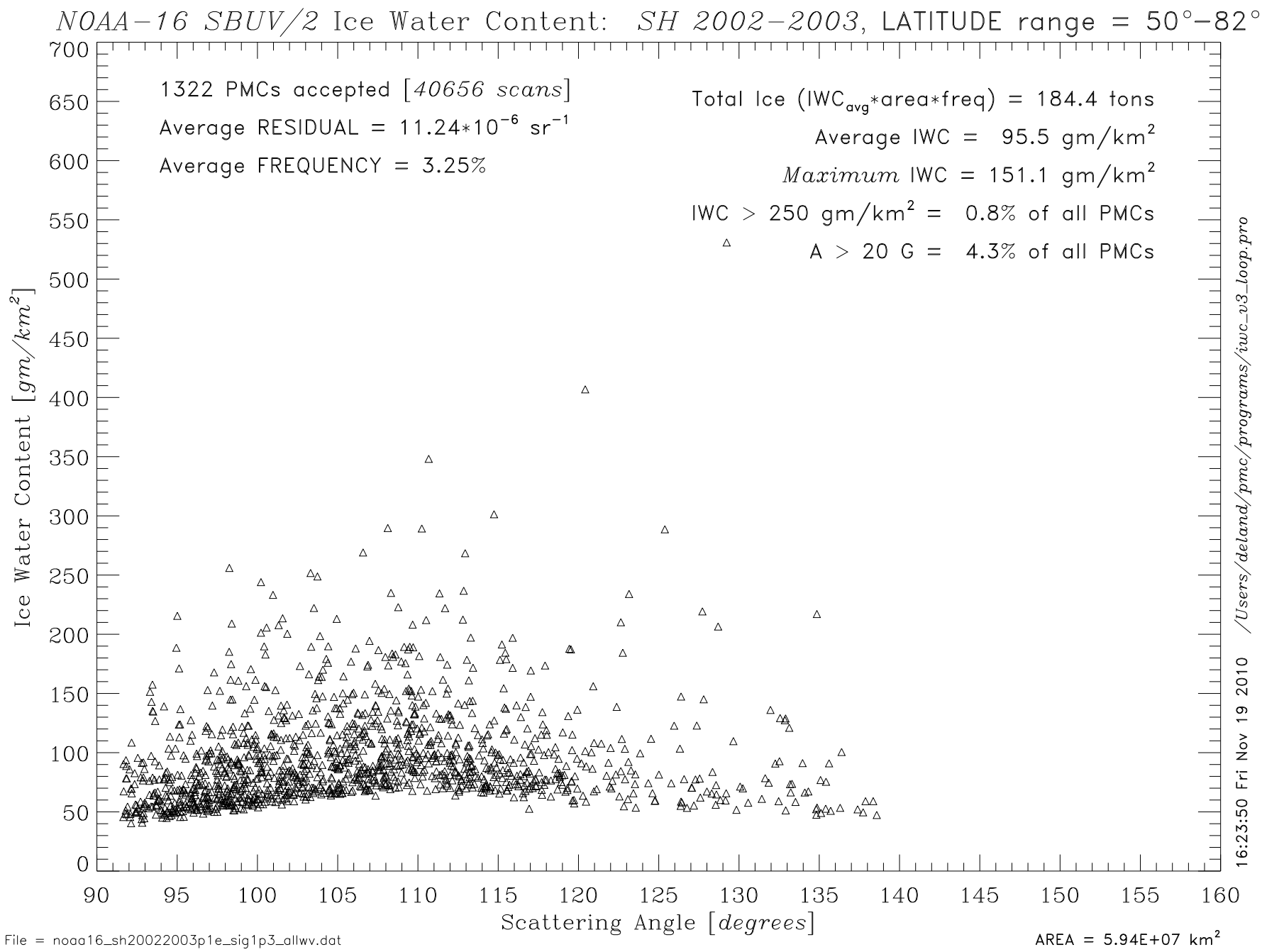

NOAA−14 SBUV/2 Ice Water Content: SH 2003−2004, LATITUDE range = 50°−82°
1595 PMCs accepted [39691 scans]
Average RESIDUAL = 11.60*10^-6 sr^-1
Average FREQUENCY = 4.02%
Total Ice (IWC_avg*area*freq) = 231.9 tons
Average IWC = 97.2 gm/km^2
Maximum IWC = 150.1 gm/km^2
IWC > 250 gm/km^2 = 1.5% of all PMCs
A > 20 G = 6.5% 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
16:23:08 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh20032004v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

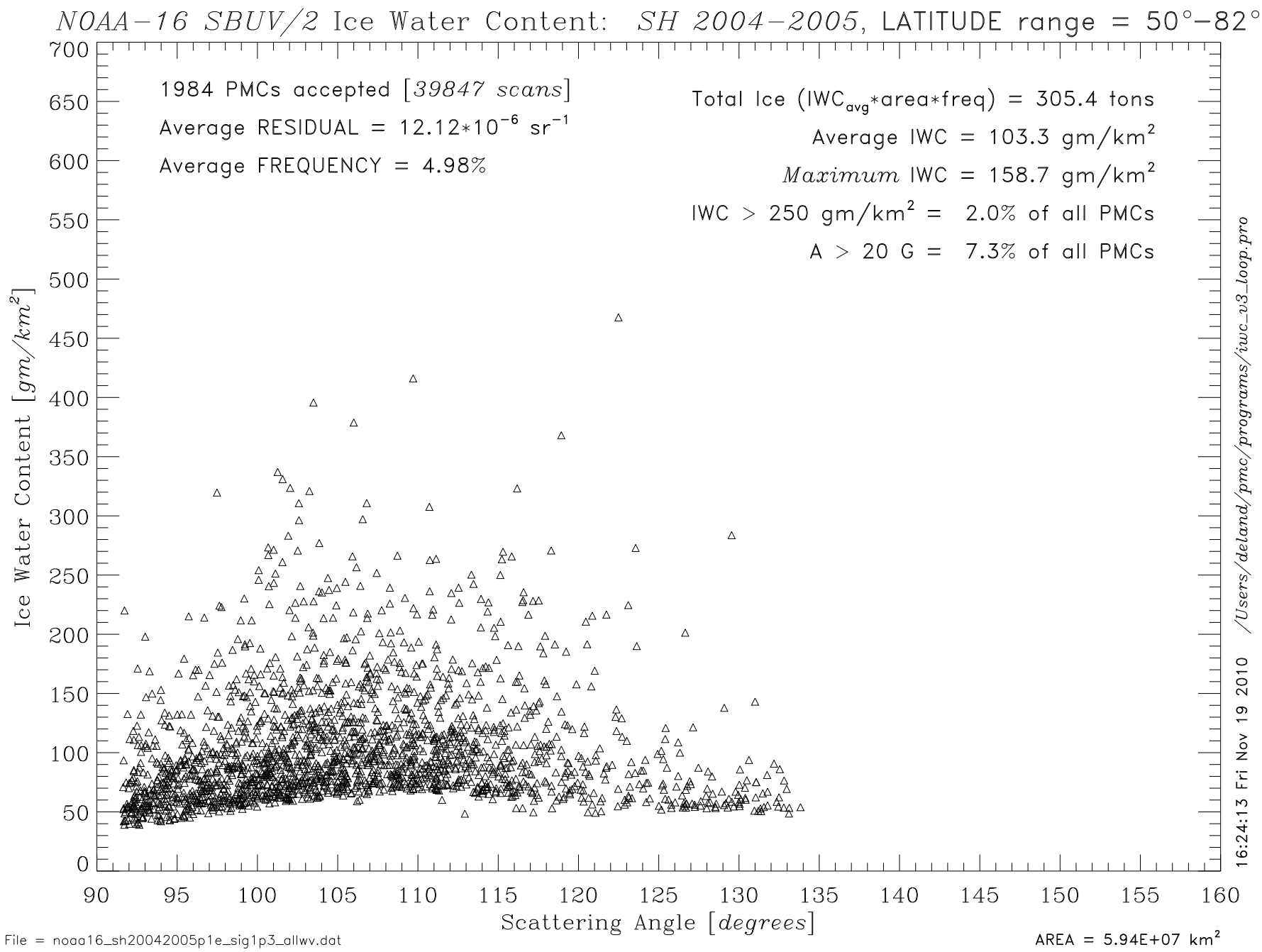

NOAA−14 SBUV/2 Ice Water Content: SH 2004−2005, LATITUDE range = 50°−82°
2387 PMCs accepted [37747 scans]
Average RESIDUAL = 13.00*10^-6 sr^-1
Average FREQUENCY = 6.32%
Total Ice (IWC_avg*area*freq) = 416.8 tons
Average IWC = 111.0 gm/km^2
Maximum IWC = 165.6 gm/km^2
IWC > 250 gm/km^2 = 3.2% of all PMCs
A > 20 G = 12.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
16:23:11 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh20042005v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

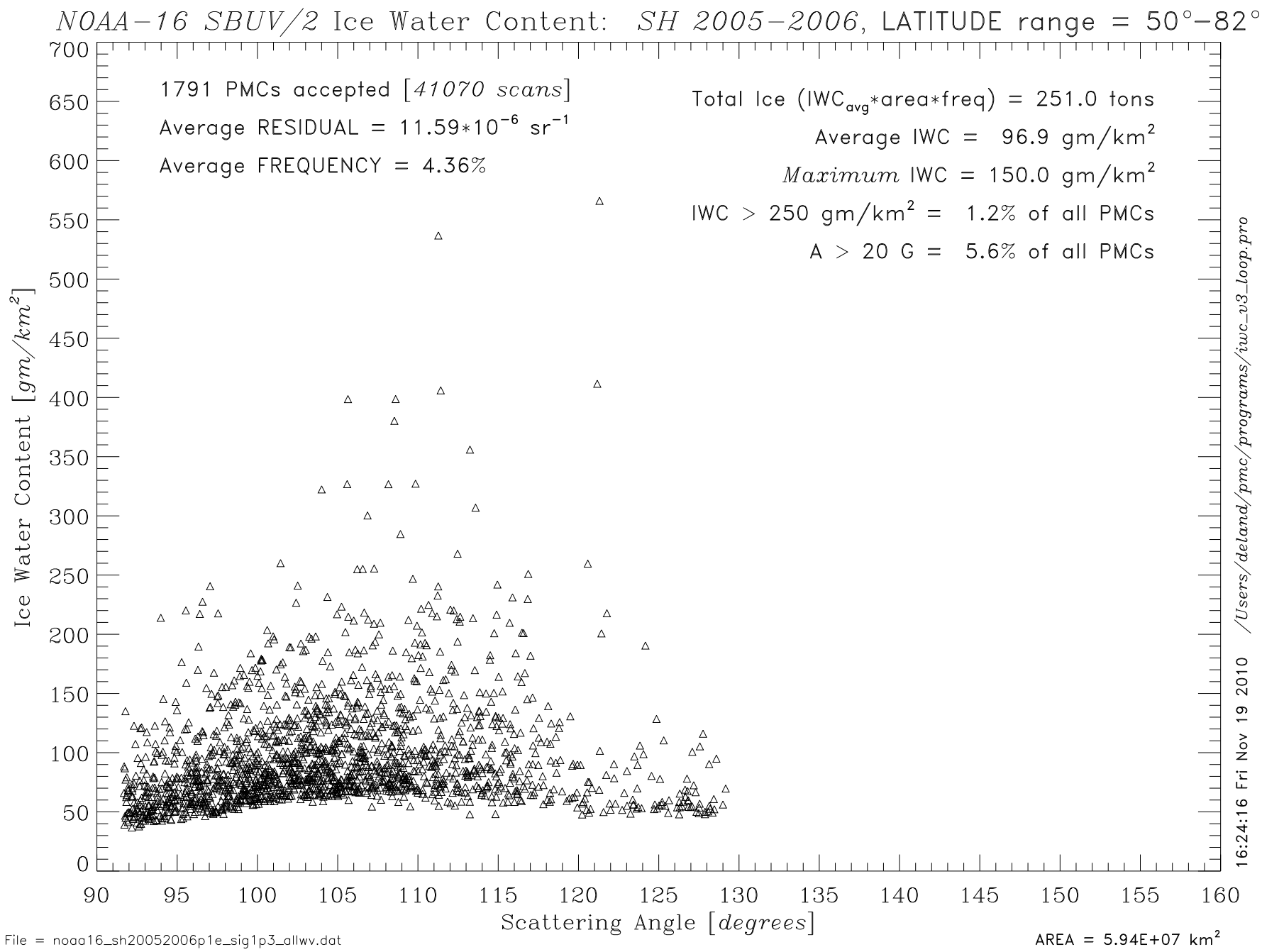

NOAA−14 SBUV/2 Ice Water Content: SH 2005−2006, LATITUDE range = 50°−82°
1533 PMCs accepted [32580 scans]
Average RESIDUAL = 11.86*10^-6 sr^-1
Average FREQUENCY = 4.71%
Total Ice (IWC_avg*area*freq) = 291.9 tons
Average IWC = 104.4 gm/km^2
Maximum IWC = 162.0 gm/km^2
IWC > 250 gm/km^2 = 1.6% of all PMCs
A > 20 G = 5.2% 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
16:23:14 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa14_sh20052006v4f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

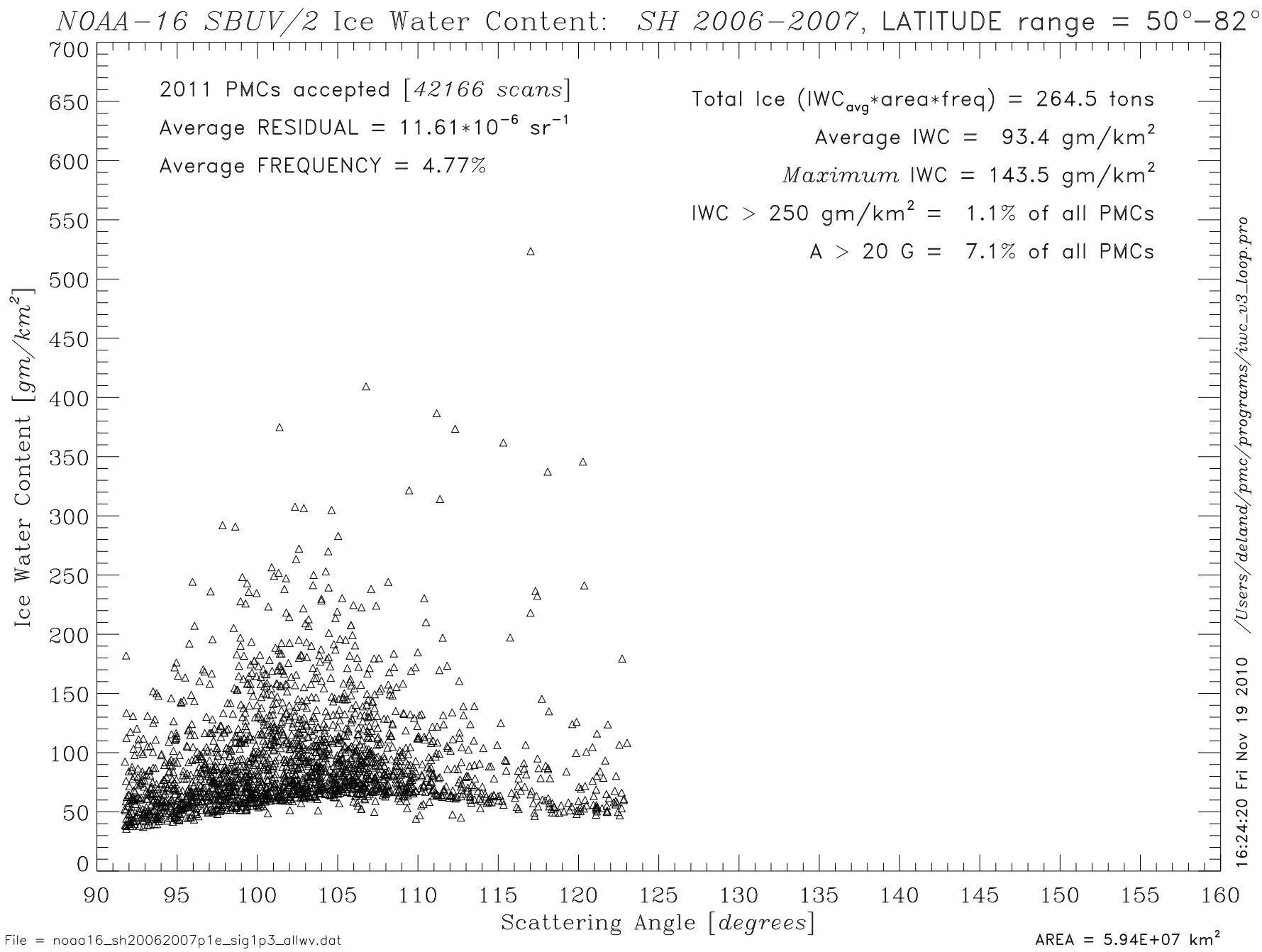

NOAA−16 SBUV/2 Ice Water Content: SH 2000−2001, LATITUDE range = 50°−82°
1900 PMCs accepted [39859 scans]
Average RESIDUAL = 12.04*10^-6 sr^-1
Average FREQUENCY = 4.77%
Total Ice (IWC_avg*area*freq) = 291.9 tons
Average IWC = 103.1 gm/km^2
Maximum IWC = 159.3 gm/km^2
IWC > 250 gm/km^2 = 1.7% of all PMCs
A > 20 G = 7.6% 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
16:23:44 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_sh20002001p1e_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

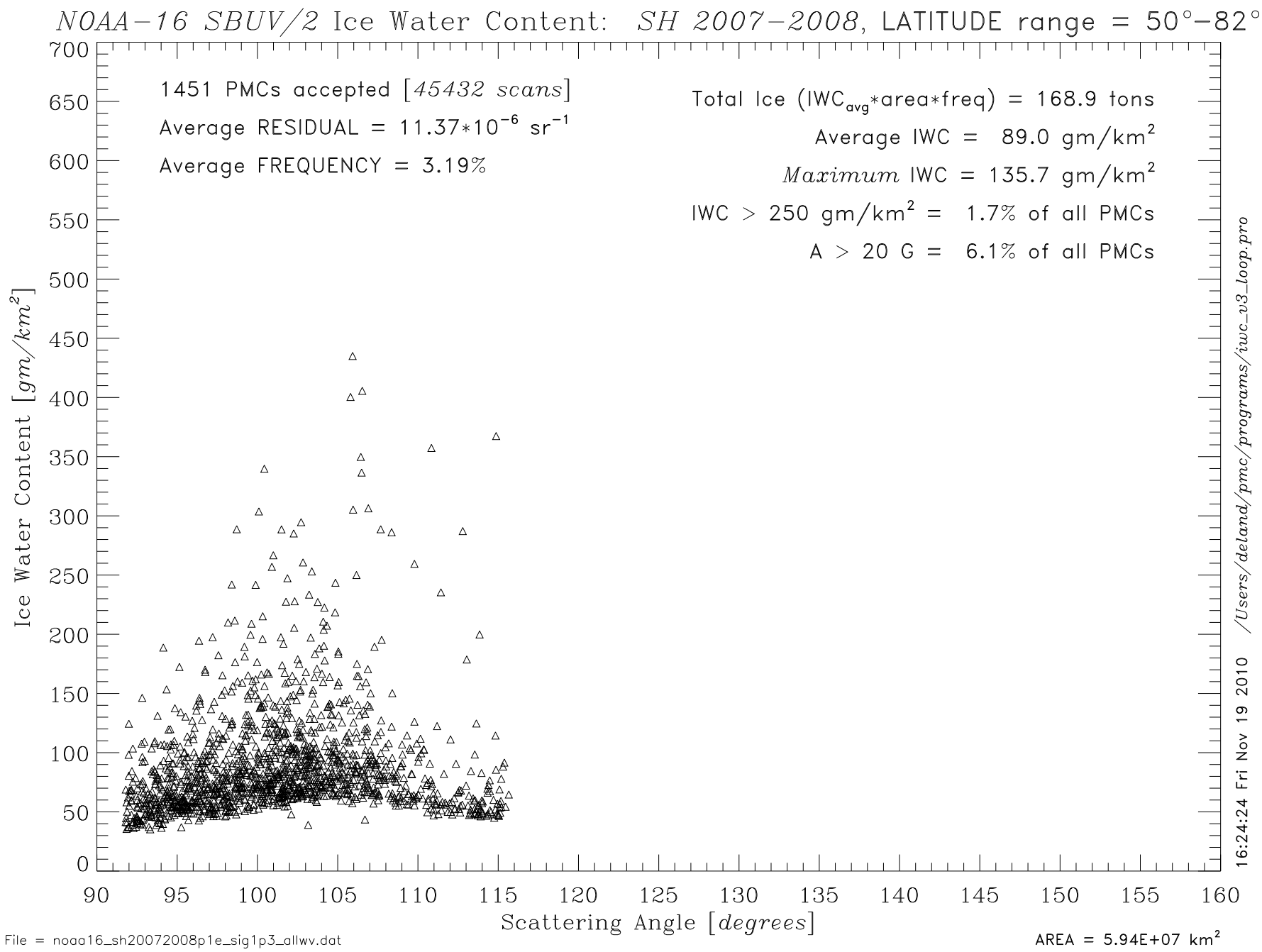

NOAA−16 SBUV/2 Ice Water Content: SH 2001−2002, LATITUDE range = 50°−82°
504 PMCs accepted [38726 scans]
Average RESIDUAL = 10.47*10^-6 sr^-1
Average FREQUENCY = 1.30%
Total Ice (IWC_avg*area*freq) = 70.5 tons
Average IWC = 91.2 gm/km^2
Maximum IWC = 146.2 gm/km^2
IWC > 250 gm/km^2 = 1.4% of all PMCs
A > 20 G = 3.6% 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
16:23:47 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_sh20012002p1e_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

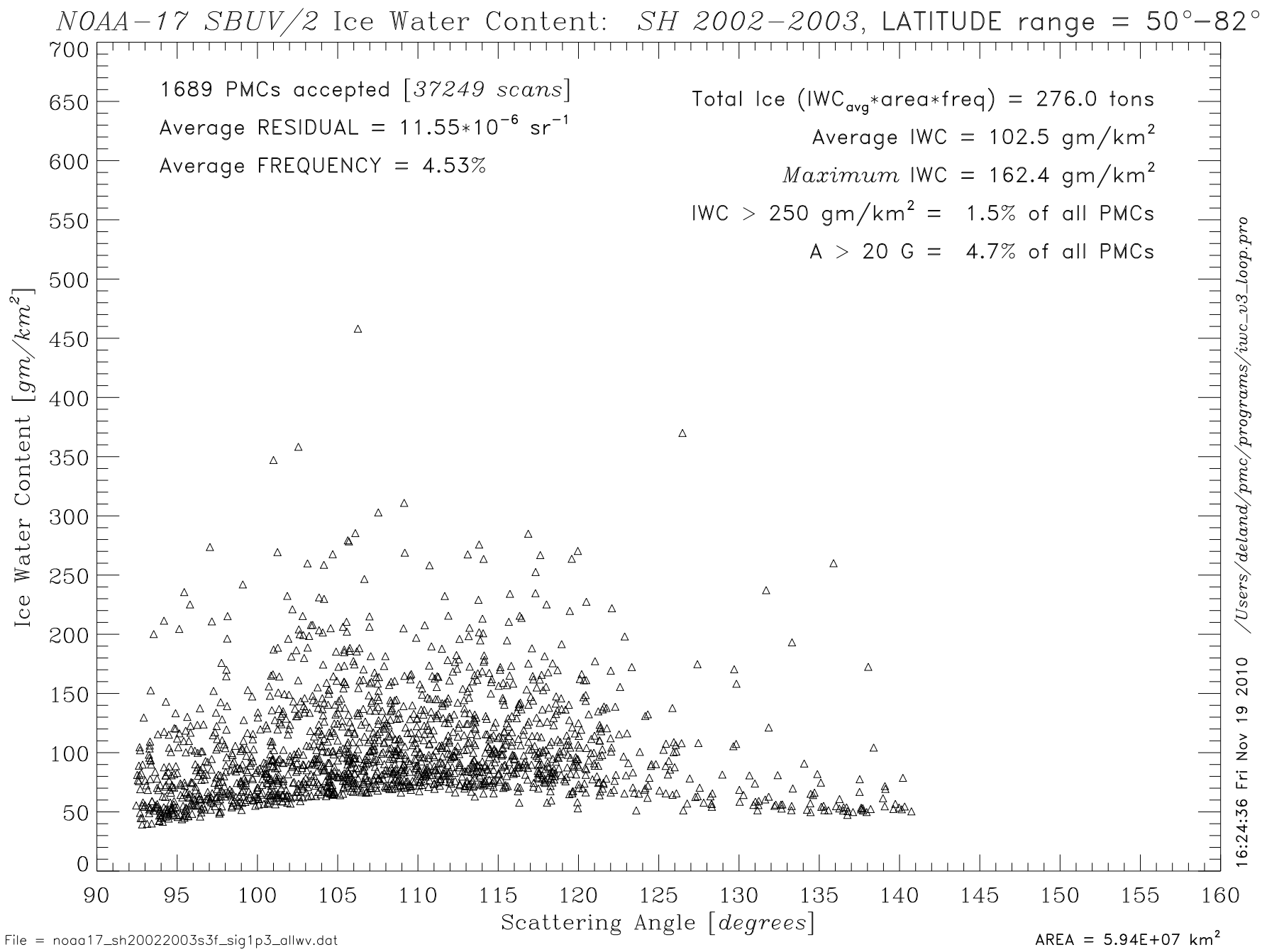

NOAA−16 SBUV/2 Ice Water Content: SH 2002−2003, LATITUDE range = 50°−82°
1322 PMCs accepted [40656 scans]
Average RESIDUAL = 11.24*10^-6 sr^-1
Average FREQUENCY = 3.25%
Total Ice (IWC_avg*area*freq) = 184.4 tons
Average IWC = 95.5 gm/km^2
Maximum IWC = 151.1 gm/km^2
IWC > 250 gm/km^2 = 0.8% of all PMCs
A > 20 G = 4.3% 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
16:23:50 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_sh20022003p1e_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

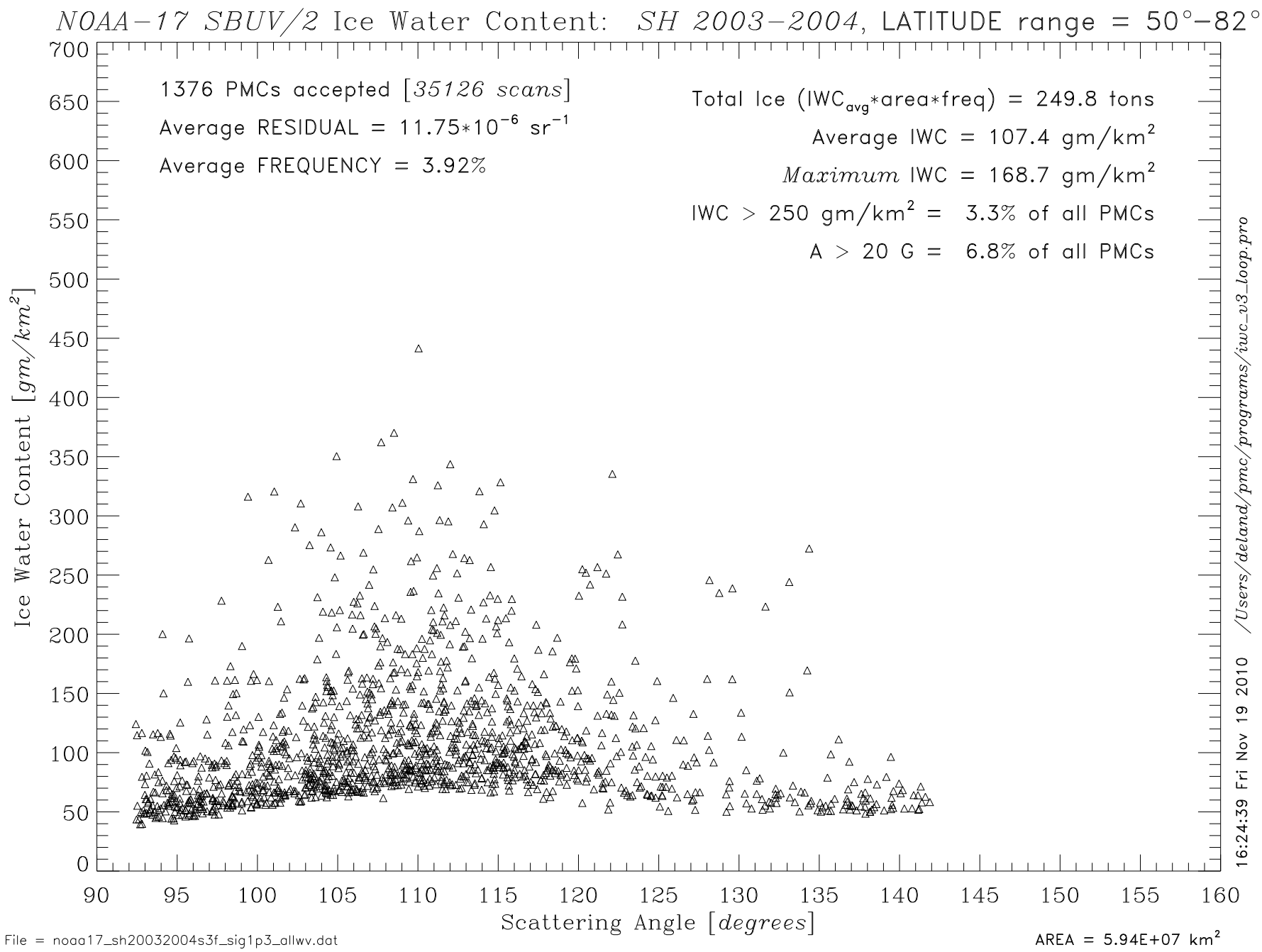

NOAA−16 SBUV/2 Ice Water Content: SH 2004−2005, LATITUDE range = 50°−82°
1984 PMCs accepted [39847 scans]
Average RESIDUAL = 12.12*10^-6 sr^-1
Average FREQUENCY = 4.98%
Total Ice (IWC_avg*area*freq) = 305.4 tons
Average IWC = 103.3 gm/km^2
Maximum IWC = 158.7 gm/km^2
IWC > 250 gm/km^2 = 2.0% of all PMCs
A > 20 G = 7.3% 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
16:24:13 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_sh20042005p1e_sig1p3_allwv.dat
AREA = 5.94E+07 km^2

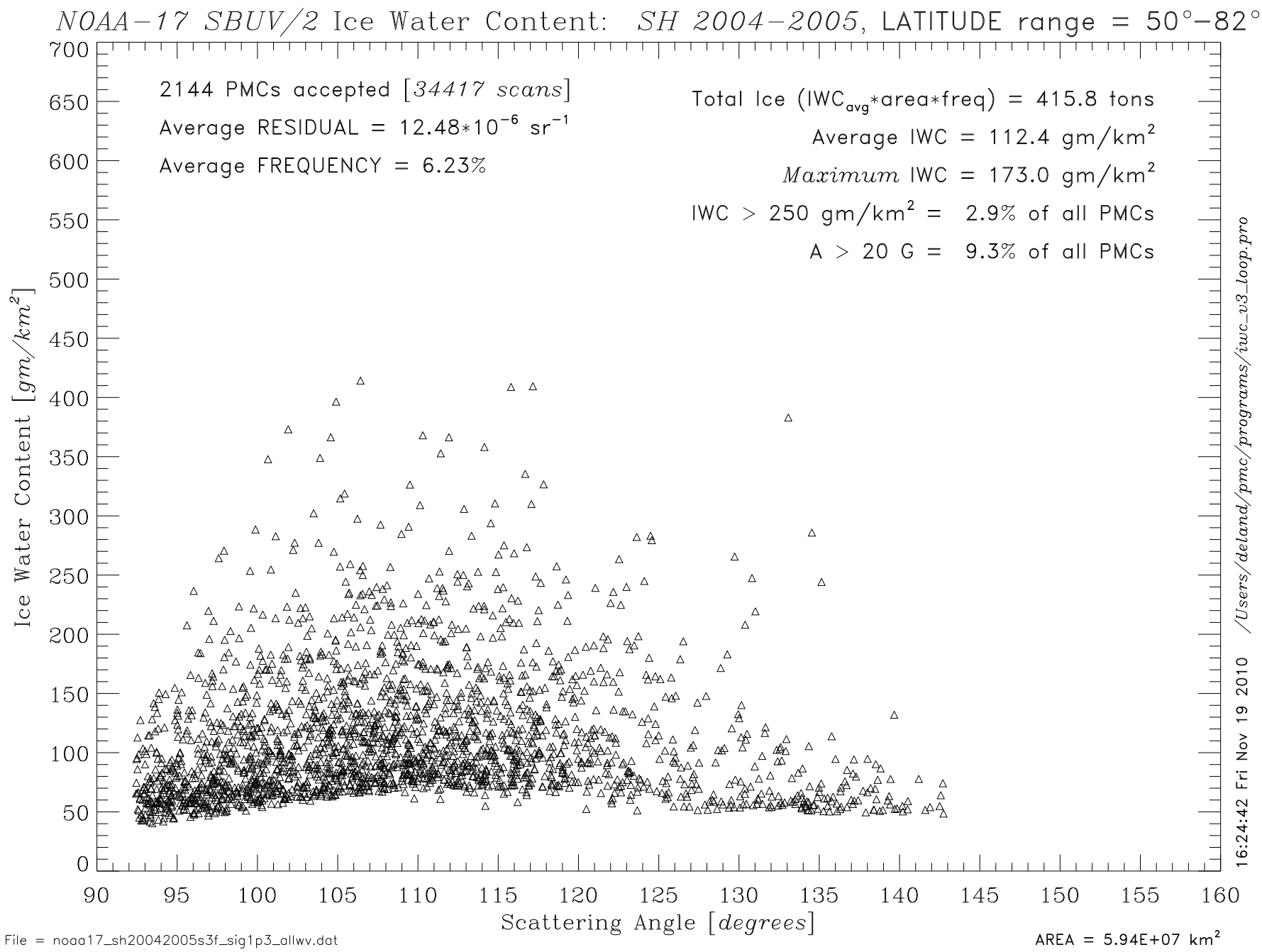

NOAA−16 SBUV/2 Ice Water Content: SH 2005−2006, LATITUDE range = 50°−82°
1791 PMCs accepted [41070 scans]
Average RESIDUAL = 11.59*10^-6 sr^-1
Average FREQUENCY = 4.36%
Total Ice (IWC_avg*area*freq) = 251.0 tons
Average IWC = 96.9 gm/km^2
Maximum IWC = 150.0 gm/km^2
IWC > 250 gm/km^2 = 1.2% of all PMCs
A > 20 G = 5.6% 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
16:24:16 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_sh20052006p1e_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: SH 2006−2007, LATITUDE range = 50°−82°
2011 PMCs accepted [42166 scans]
Average RESIDUAL = 11.61*10^-6 sr^-1
Average FREQUENCY = 4.77%
Total Ice (IWC_avg*area*freq) = 264.5 tons
Average IWC = 93.4 gm/km^2
Maximum IWC = 143.5 gm/km^2
IWC > 250 gm/km^2 = 1.1% 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
125
130
135
140
145
150
155
160
16:24:20 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_sh20062007p1e_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−16 SBUV/2 Ice Water Content: SH 2007−2008, LATITUDE range = 50°−82°
1451 PMCs accepted [45432 scans]
Average RESIDUAL = 11.37*10^-6 sr^-1
Average FREQUENCY = 3.19%
Total Ice (IWC_avg*area*freq) = 168.9 tons
Average IWC = 89.0 gm/km^2
Maximum IWC = 135.7 gm/km^2
IWC > 250 gm/km^2 = 1.7% of all PMCs
A > 20 G = 6.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
16:24:24 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa16_sh20072008p1e_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2002−2003, LATITUDE range = 50°−82°
1689 PMCs accepted [37249 scans]
Average RESIDUAL = 11.55*10^-6 sr^-1
Average FREQUENCY = 4.53%
Total Ice (IWC_avg*area*freq) = 276.0 tons
Average IWC = 102.5 gm/km^2
Maximum IWC = 162.4 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
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
16:24:36 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20022003s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2003−2004, LATITUDE range = 50°−82°
1376 PMCs accepted [35126 scans]
Average RESIDUAL = 11.75*10^-6 sr^-1
Average FREQUENCY = 3.92%
Total Ice (IWC_avg*area*freq) = 249.8 tons
Average IWC = 107.4 gm/km^2
Maximum IWC = 168.7 gm/km^2
IWC > 250 gm/km^2 = 3.3% of all PMCs
A > 20 G = 6.8% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
16:24:39 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20032004s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2004−2005, LATITUDE range = 50°−82°
2144 PMCs accepted [34417 scans]
Average RESIDUAL = 12.48*10^-6 sr^-1
Average FREQUENCY = 6.23%
Total Ice (IWC_avg*area*freq) = 415.8 tons
Average IWC = 112.4 gm/km^2
Maximum IWC = 173.0 gm/km^2
IWC > 250 gm/km^2 = 2.9% of all PMCs
A > 20 G = 9.3% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
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125
130
135
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145
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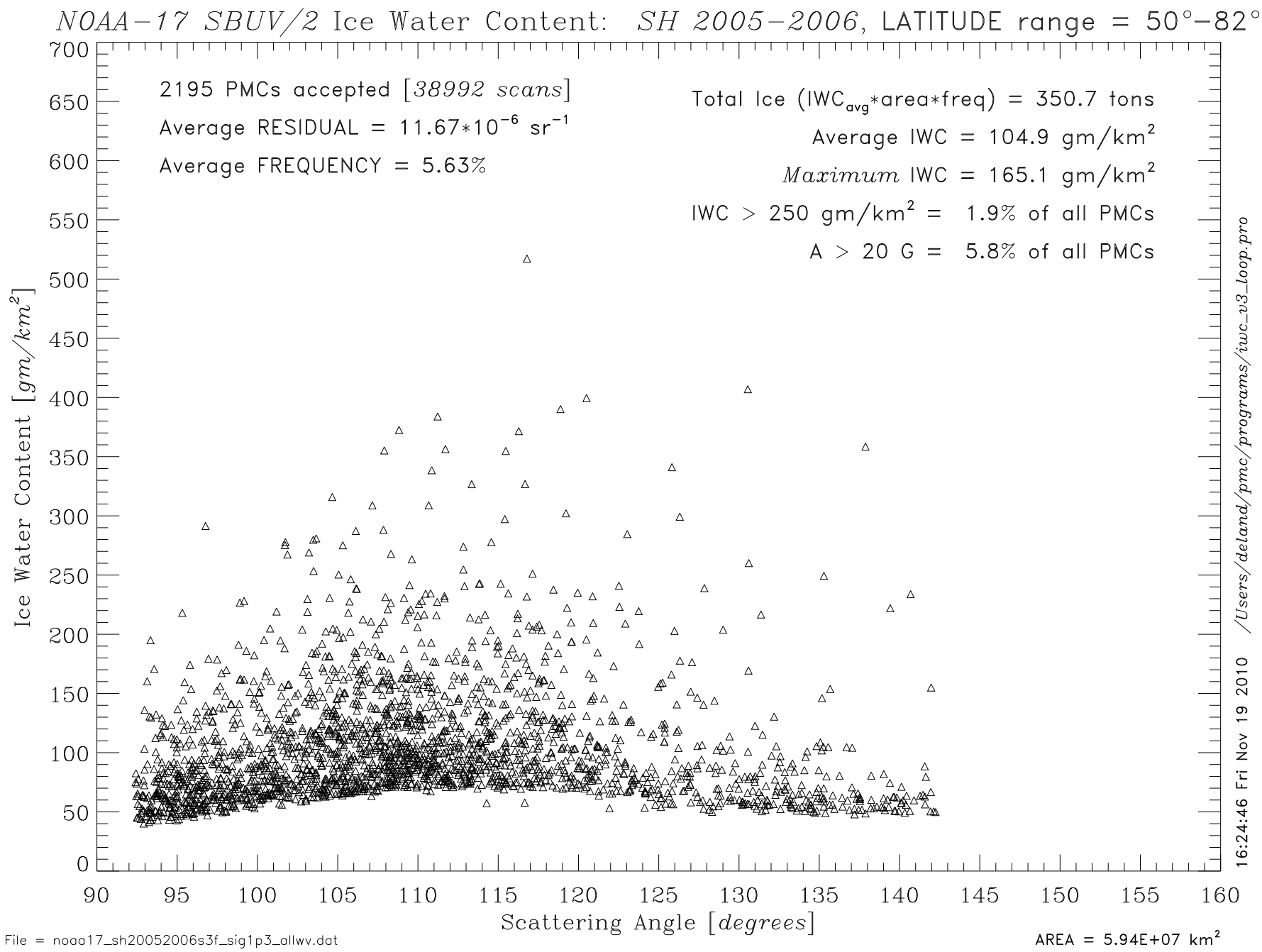
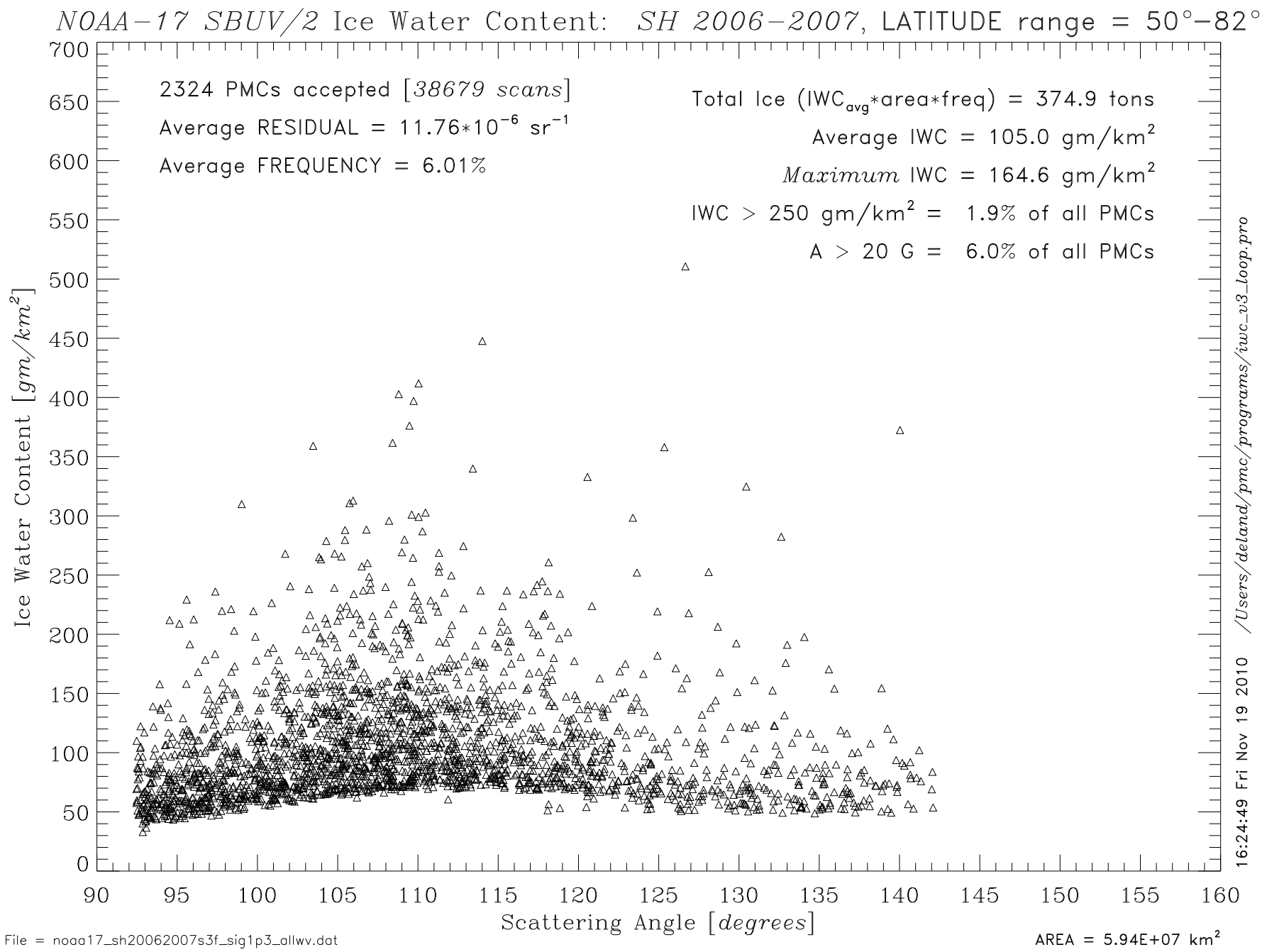
160
16:24:42 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20042005s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2005−2006, LATITUDE range = 50°−82°
2195 PMCs accepted [38992 scans]
Average RESIDUAL = 11.67*10^-6 sr^-1
Average FREQUENCY = 5.63%
Total Ice (IWC_avg*area*freq) = 350.7 tons
Average IWC = 104.9 gm/km^2
Maximum IWC = 165.1 gm/km^2
IWC > 250 gm/km^2 = 1.9% of all PMCs
A > 20 G = 5.8% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
400
450
500
550
600
650
700
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
16:24:46 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20052006s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2006−2007, LATITUDE range = 50°−82°
2324 PMCs accepted [38679 scans]
Average RESIDUAL = 11.76*10^-6 sr^-1
Average FREQUENCY = 6.01%
Total Ice (IWC_avg*area*freq) = 374.9 tons
Average IWC = 105.0 gm/km^2
Maximum IWC = 164.6 gm/km^2
IWC > 250 gm/km^2 = 1.9% of all PMCs
A > 20 G = 6.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
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250
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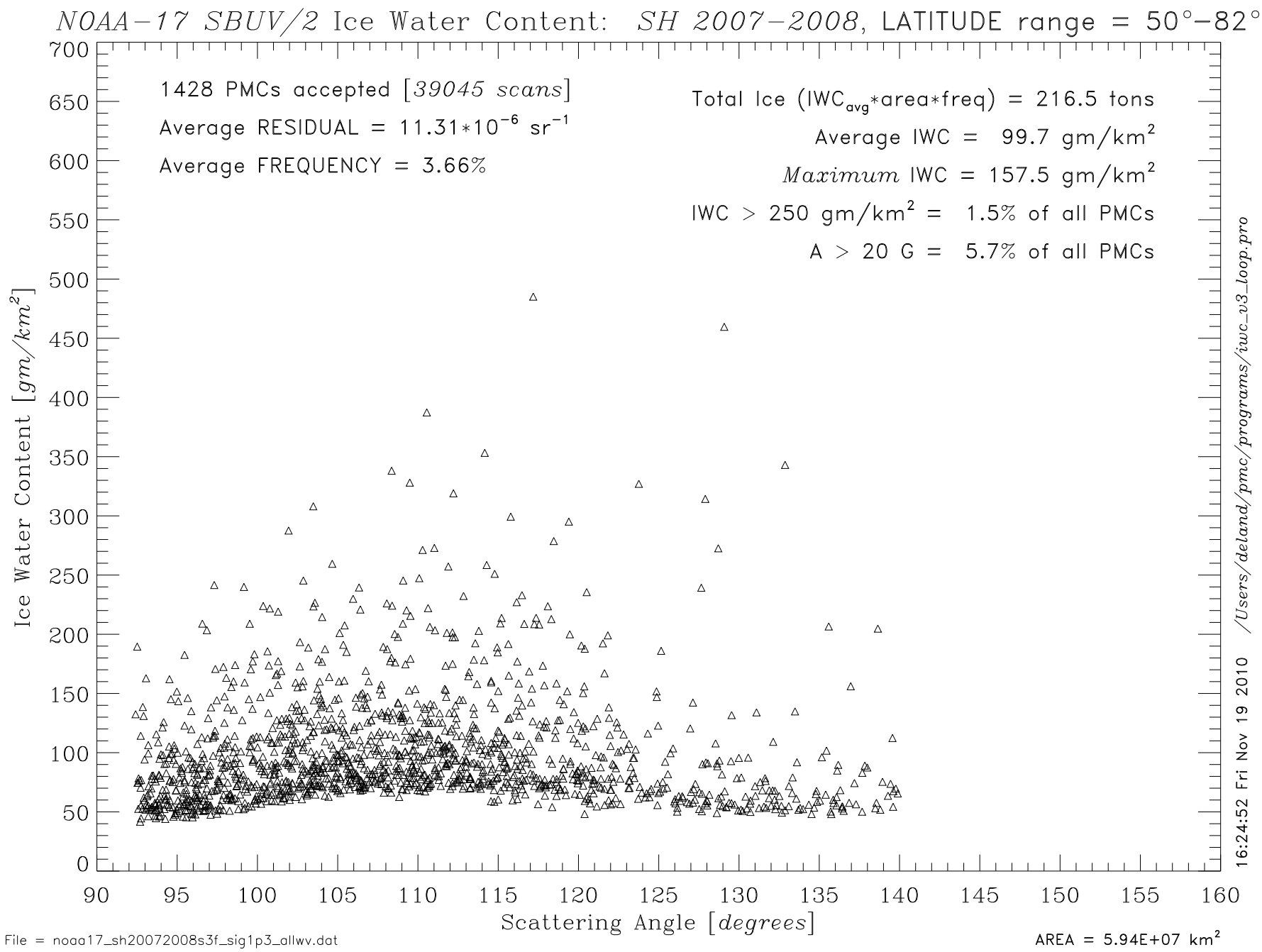
160
16:24:49 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20062007s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2007−2008, LATITUDE range = 50°−82°
1428 PMCs accepted [39045 scans]
Average RESIDUAL = 11.31*10^-6 sr^-1
Average FREQUENCY = 3.66%
Total Ice (IWC_avg*area*freq) = 216.5 tons
Average IWC = 99.7 gm/km^2
Maximum IWC = 157.5 gm/km^2
IWC > 250 gm/km^2 = 1.5% 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
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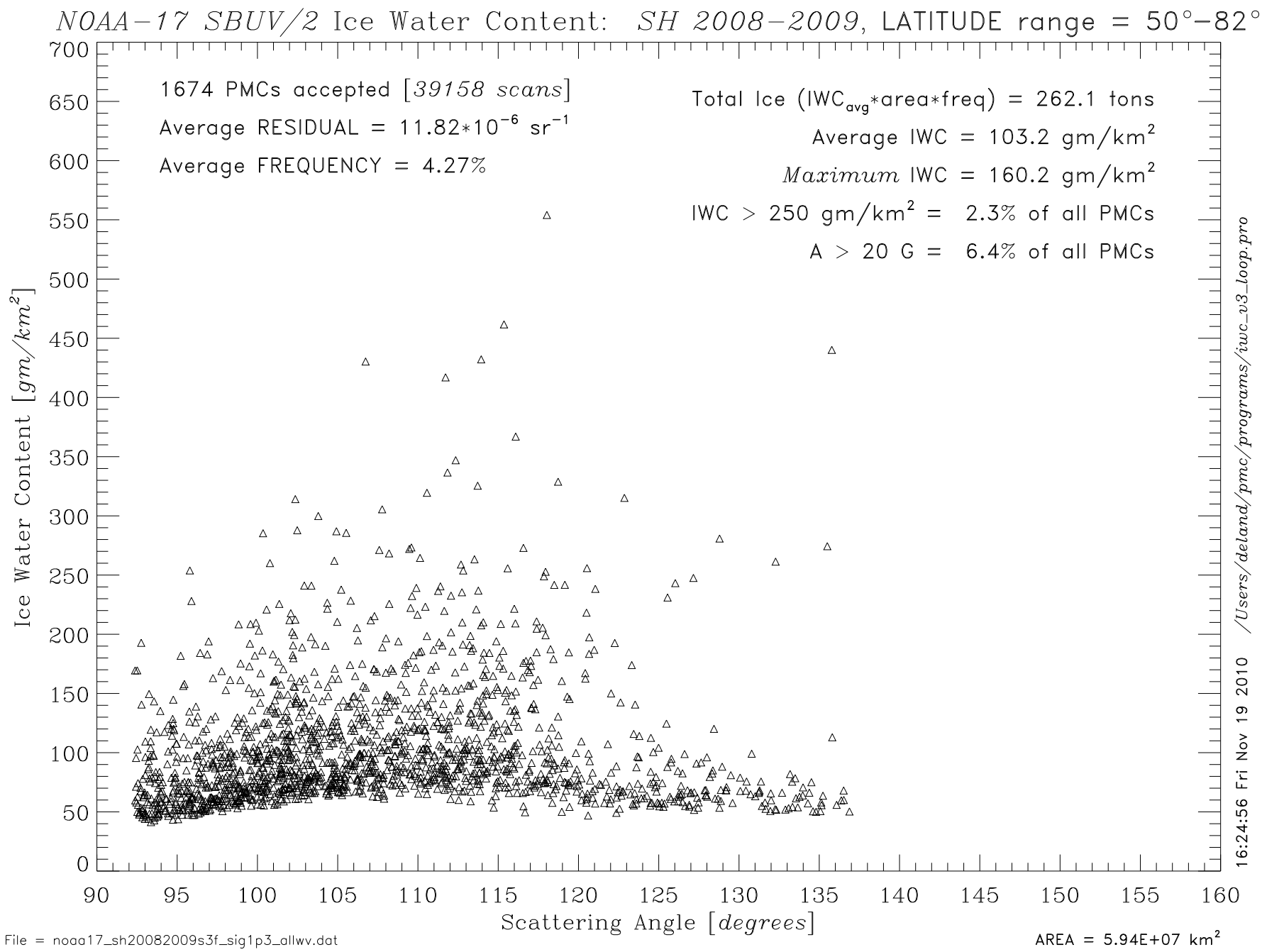
160
16:24:52 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20072008s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2008−2009, LATITUDE range = 50°−82°
1674 PMCs accepted [39158 scans]
Average RESIDUAL = 11.82*10^-6 sr^-1
Average FREQUENCY = 4.27%
Total Ice (IWC_avg*area*freq) = 262.1 tons
Average IWC = 103.2 gm/km^2
Maximum IWC = 160.2 gm/km^2
IWC > 250 gm/km^2 = 2.3% of all PMCs
A > 20 G = 6.4% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
50
100
150
200
250
300
350
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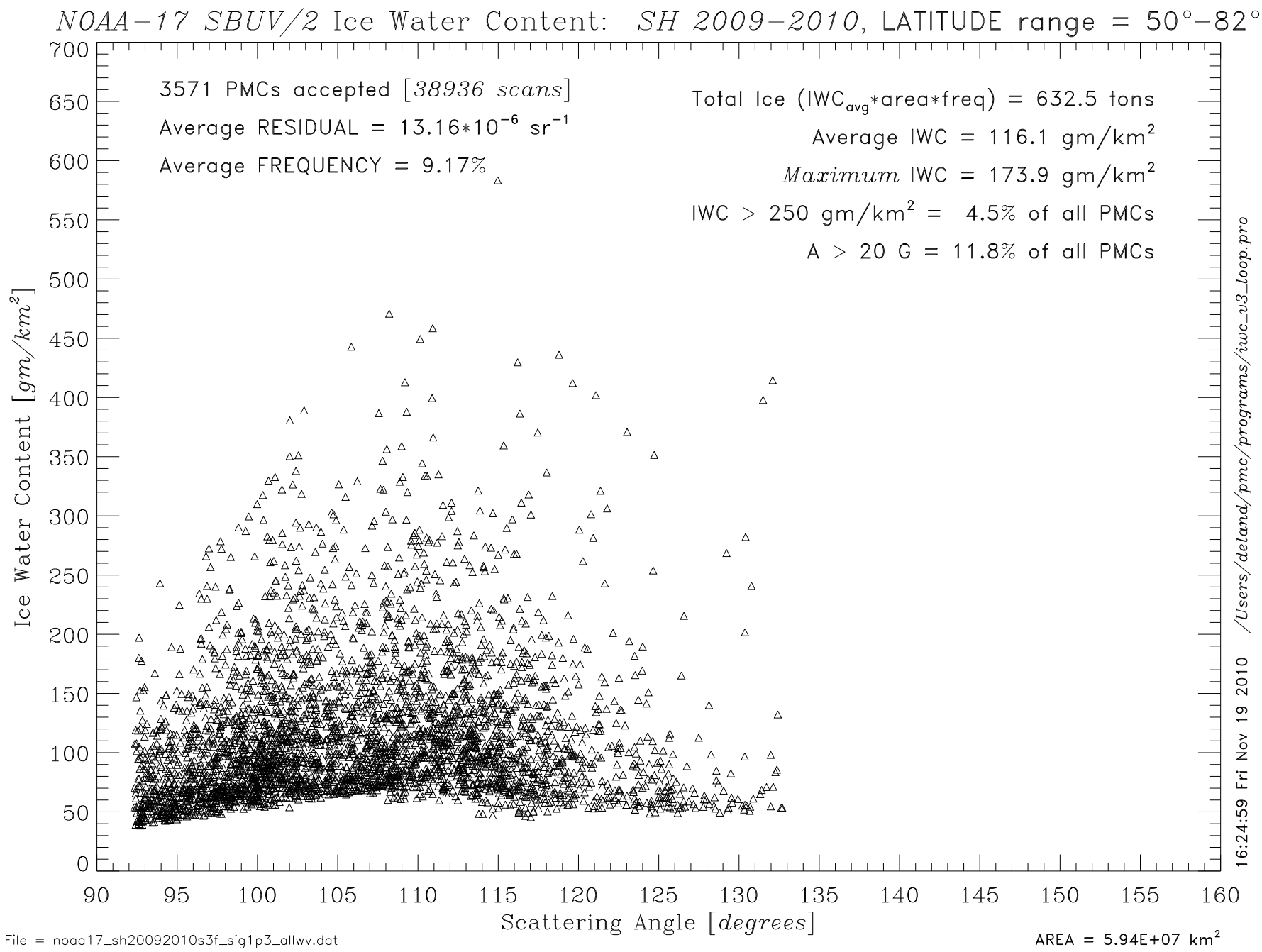
16:24:56 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20082009s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−17 SBUV/2 Ice Water Content: SH 2009−2010, LATITUDE range = 50°−82°
3571 PMCs accepted [38936 scans]
Average RESIDUAL = 13.16*10^-6 sr^-1
Average FREQUENCY = 9.17%
Total Ice (IWC_avg*area*freq) = 632.5 tons
Average IWC = 116.1 gm/km^2
Maximum IWC = 173.9 gm/km^2
IWC > 250 gm/km^2 = 4.5% of all PMCs
A > 20 G = 11.8% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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50
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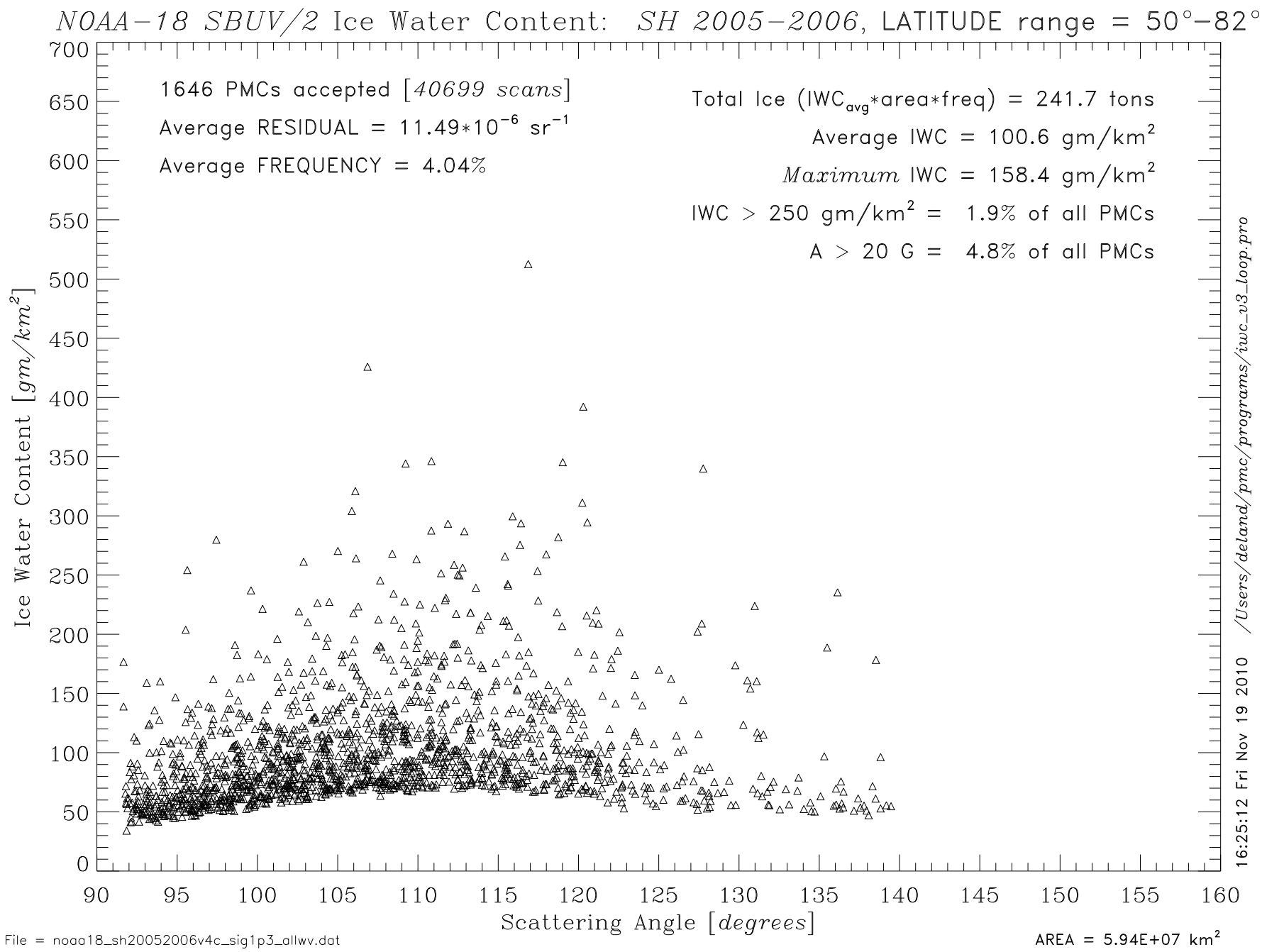
16:24:59 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa17_sh20092010s3f_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: SH 2005−2006, LATITUDE range = 50°−82°
1646 PMCs accepted [40699 scans]
Average RESIDUAL = 11.49*10^−6 sr^−1
Average FREQUENCY = 4.04%
Total Ice (IWC_avg*area*freq) = 241.7 tons
Average IWC = 100.6 gm/km^2
Maximum IWC = 158.4 gm/km^2
IWC > 250 gm/km^2 = 1.9% of all PMCs
A > 20 G = 4.8% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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50
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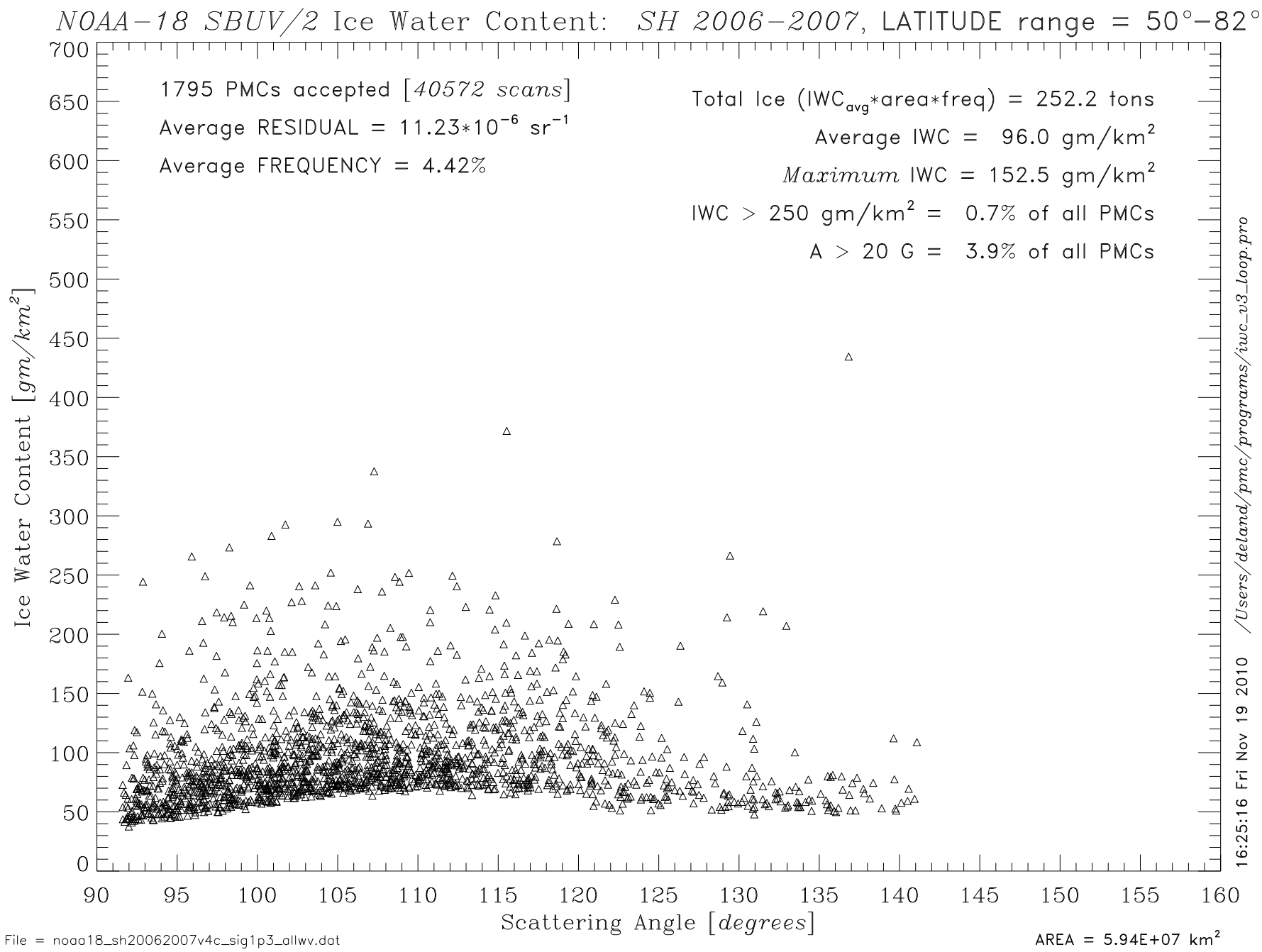
16:25:12 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_sh20052006v4c_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: SH 2006−2007, LATITUDE range = 50°−82°
1795 PMCs accepted [40572 scans]
Average RESIDUAL = 11.23*10^-6 sr^-1
Average FREQUENCY = 4.42%
Total Ice (IWC_avg*area*freq) = 252.2 tons
Average IWC = 96.0 gm/km^2
Maximum IWC = 152.5 gm/km^2
IWC > 250 gm/km^2 = 0.7% of all PMCs
A > 20 G = 3.9% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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50
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550
600
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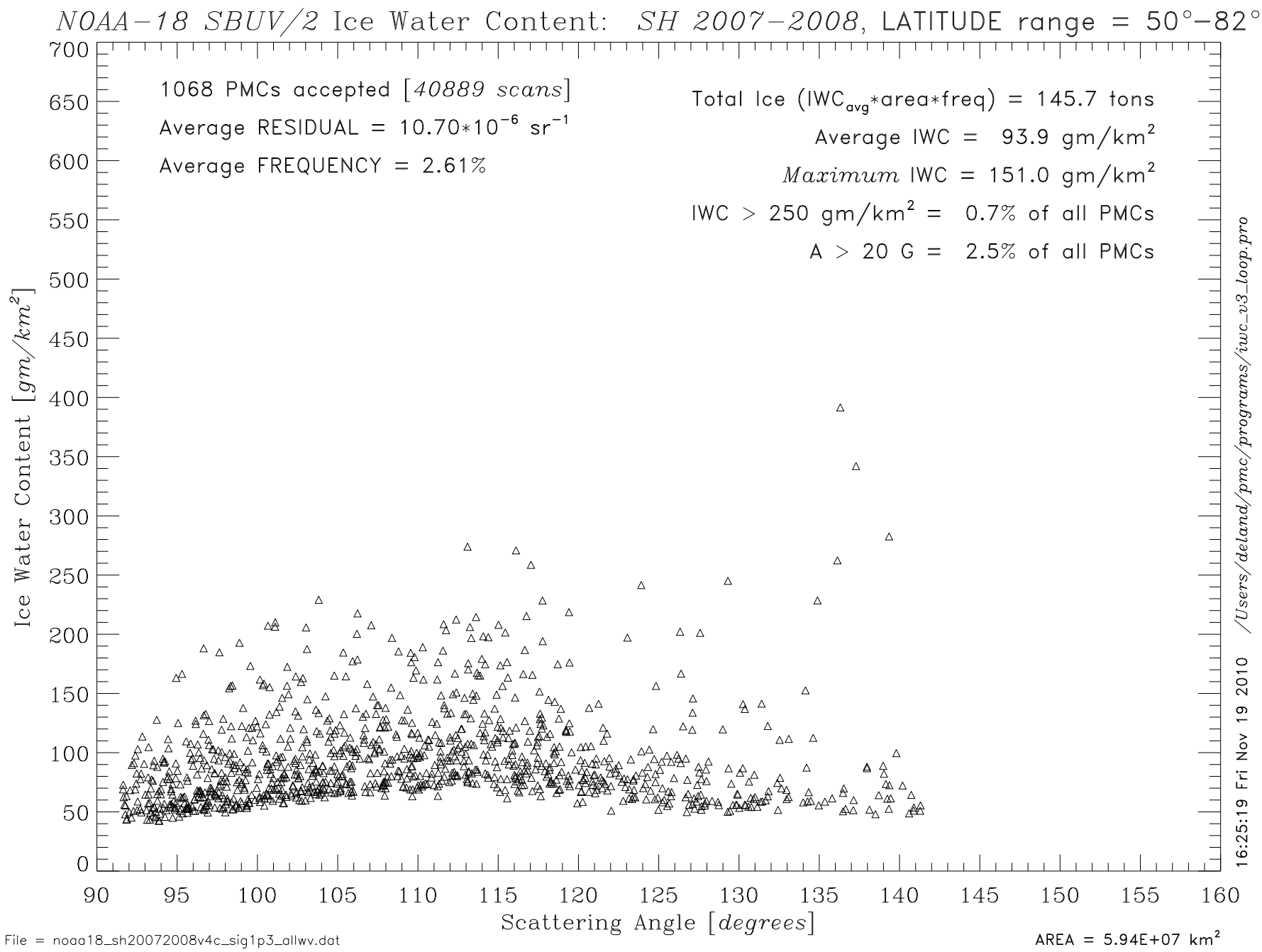
160
16:25:16 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_sh20062007v4c_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: SH 2007−2008, LATITUDE range = 50°−82°
1068 PMCs accepted [40889 scans]
Average RESIDUAL = 10.70*10^-6 sr^-1
Average FREQUENCY = 2.61%
Total Ice (IWC_avg*area*freq) = 145.7 tons
Average IWC = 93.9 gm/km^2
Maximum IWC = 151.0 gm/km^2
IWC > 250 gm/km^2 = 0.7% of all PMCs
A > 20 G = 2.5% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
0
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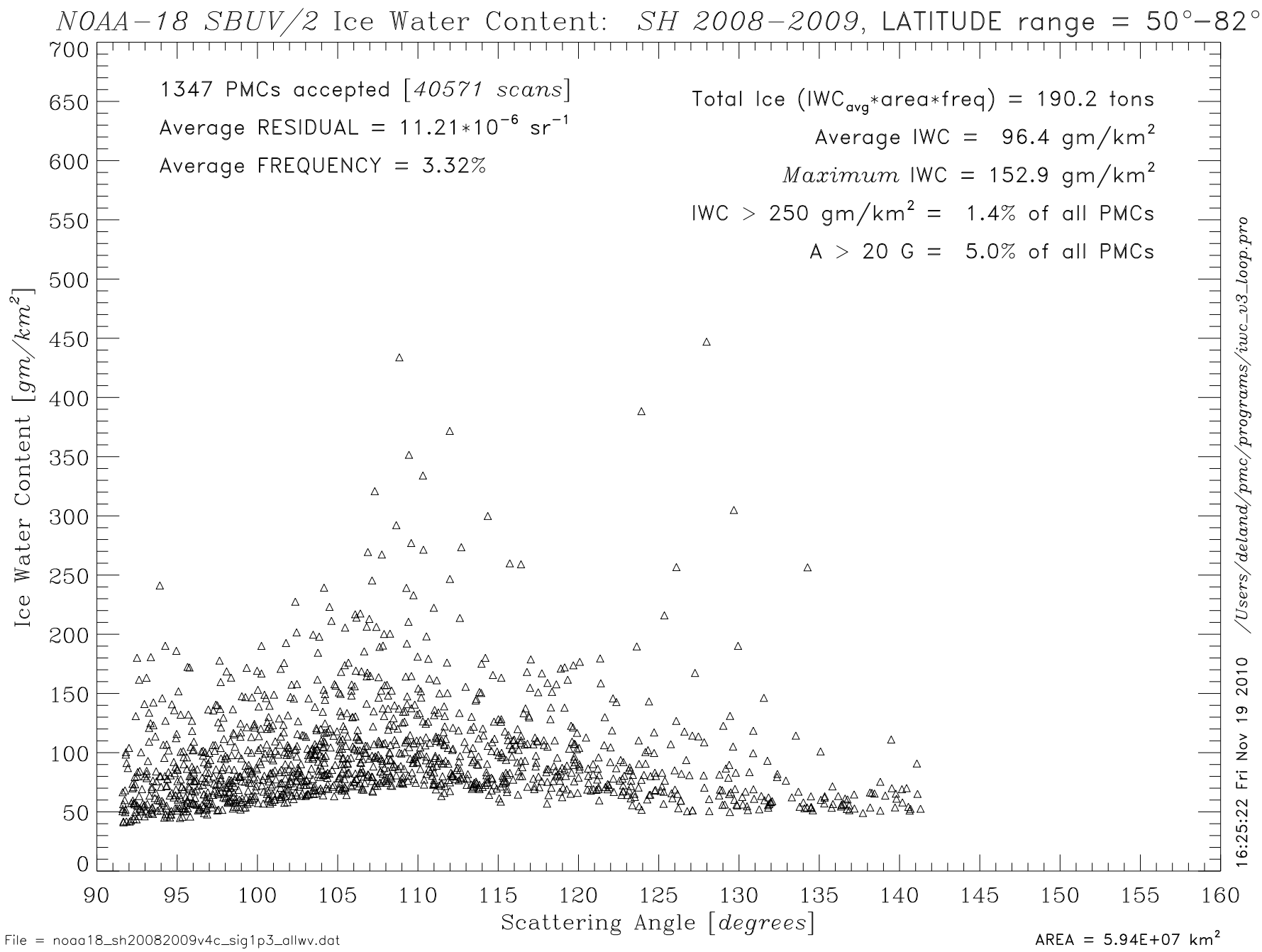
16:25:19 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_sh20072008v4c_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: SH 2008−2009, LATITUDE range = 50°−82°
1347 PMCs accepted [40571 scans]
Average RESIDUAL = 11.21*10^-6 sr^-1
Average FREQUENCY = 3.32%
Total Ice (IWC_avg*area*freq) = 190.2 tons
Average IWC = 96.4 gm/km^2
Maximum IWC = 152.9 gm/km^2
IWC > 250 gm/km^2 = 1.4% of all PMCs
A > 20 G = 5.0% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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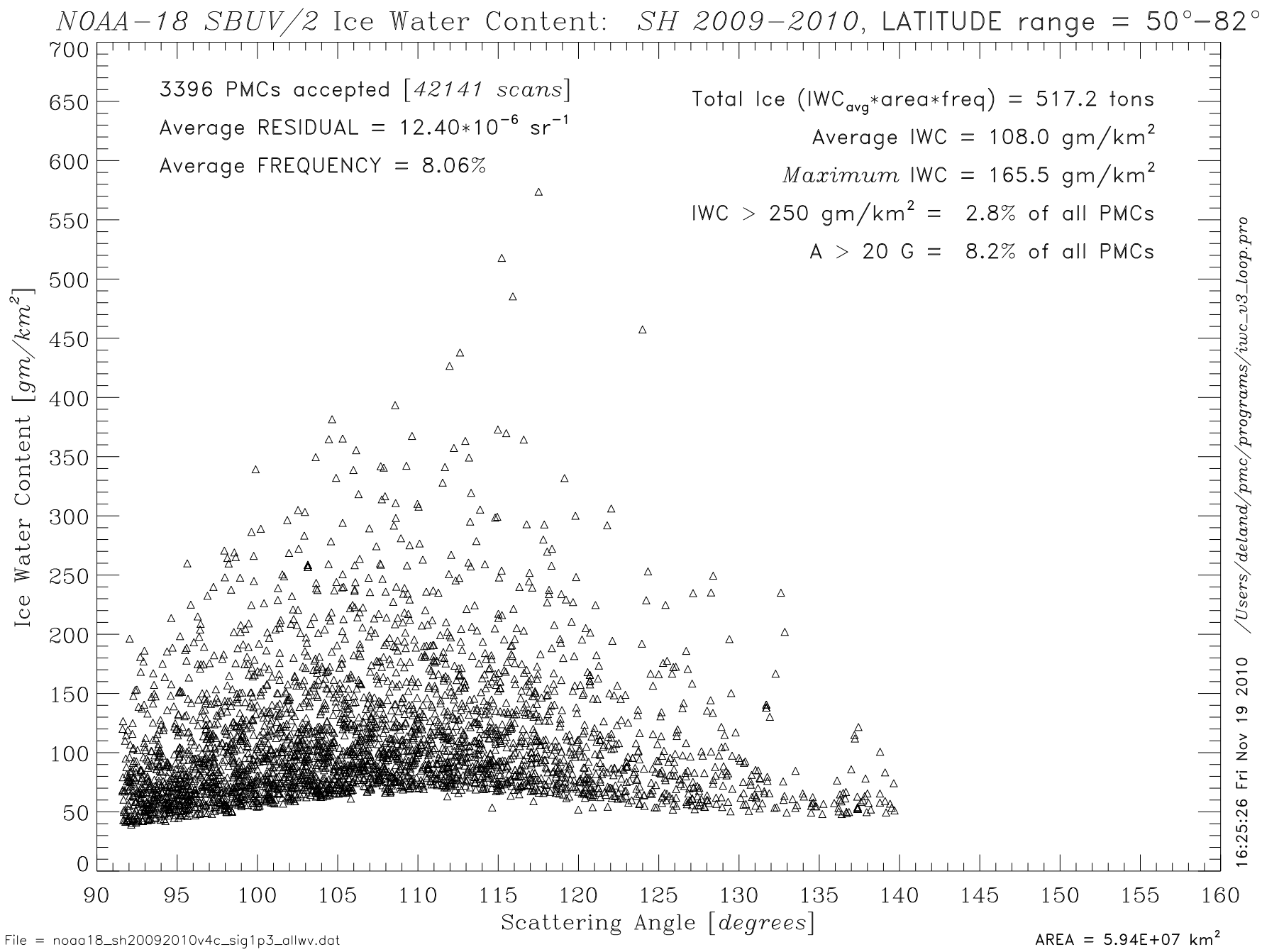
160
16:25:22 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_sh20082009v4c_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−18 SBUV/2 Ice Water Content: SH 2009−2010, LATITUDE range = 50°−82°
3396 PMCs accepted [42141 scans]
Average RESIDUAL = 12.40*10^-6 sr^-1
Average FREQUENCY = 8.06%
Total Ice (IWC_avg*area*freq) = 517.2 tons
Average IWC = 108.0 gm/km^2
Maximum IWC = 165.5 gm/km^2
IWC > 250 gm/km^2 = 2.8% of all PMCs
A > 20 G = 8.2% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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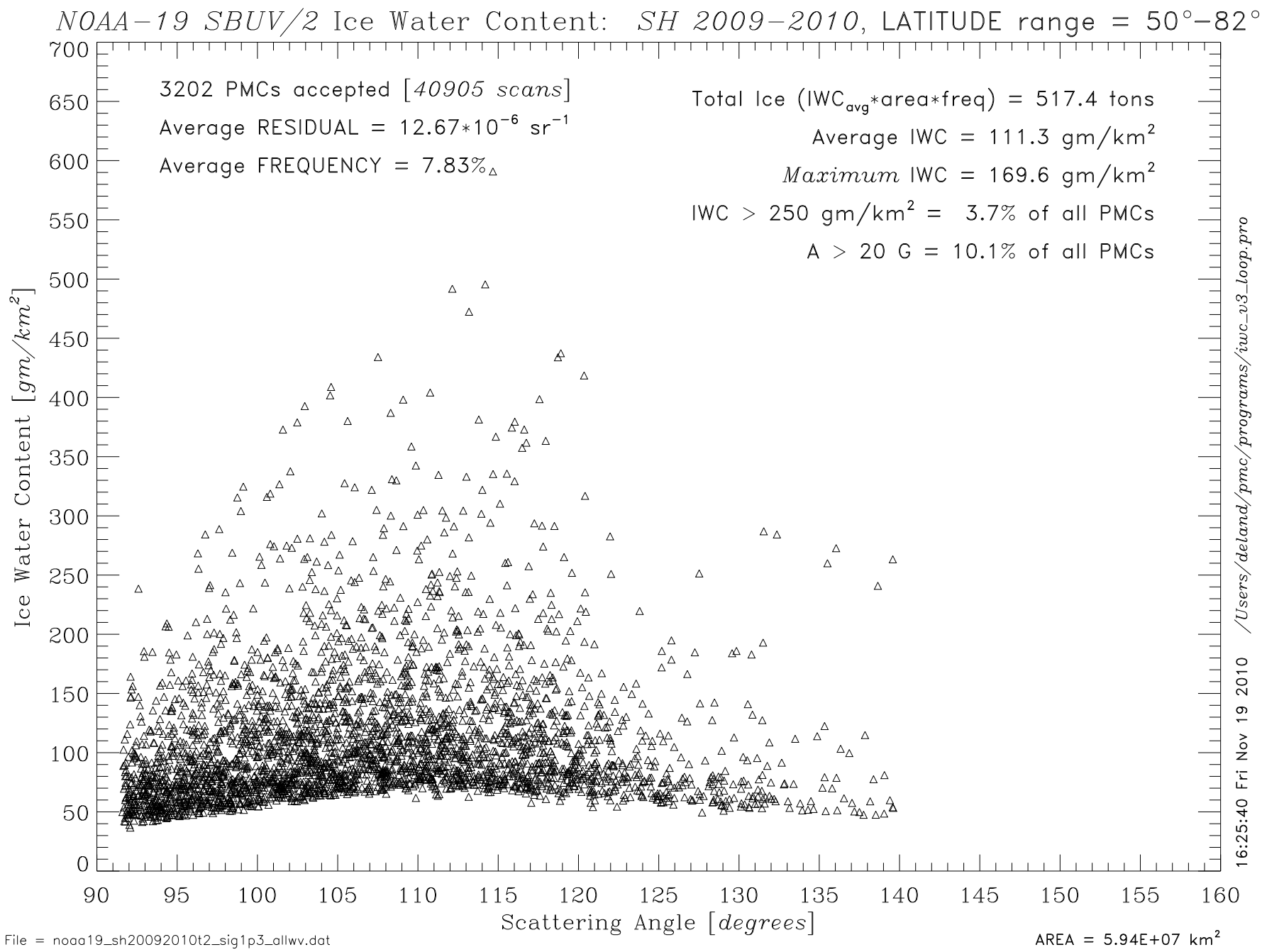
160
16:25:26 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa18_sh20092010v4c_sig1p3_allwv.dat
AREA = 5.94E+07 km^2


NOAA−19 SBUV/2 Ice Water Content: SH 2009−2010, LATITUDE range = 50°−82°
3202 PMCs accepted [40905 scans]
Average RESIDUAL = 12.67*10^-6 sr^-1
Average FREQUENCY = 7.83%
Total Ice (IWC_avg*area*freq) = 517.4 tons
Average IWC = 111.3 gm/km^2
Maximum IWC = 169.6 gm/km^2
IWC > 250 gm/km^2 = 3.7% of all PMCs
A > 20 G = 10.1% of all PMCs
Ice Water Content [gm/km^2]
Scattering Angle [degrees]
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50
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150
200
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400
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155
160
16:25:40 Fri Nov 19 2010 /Users/deland/pmc/programs/iwc_v3_loop.pro
File = noaa19_sh20092010t2_sig1p3_allwv.dat
AREA = 5.94E+07 km^2