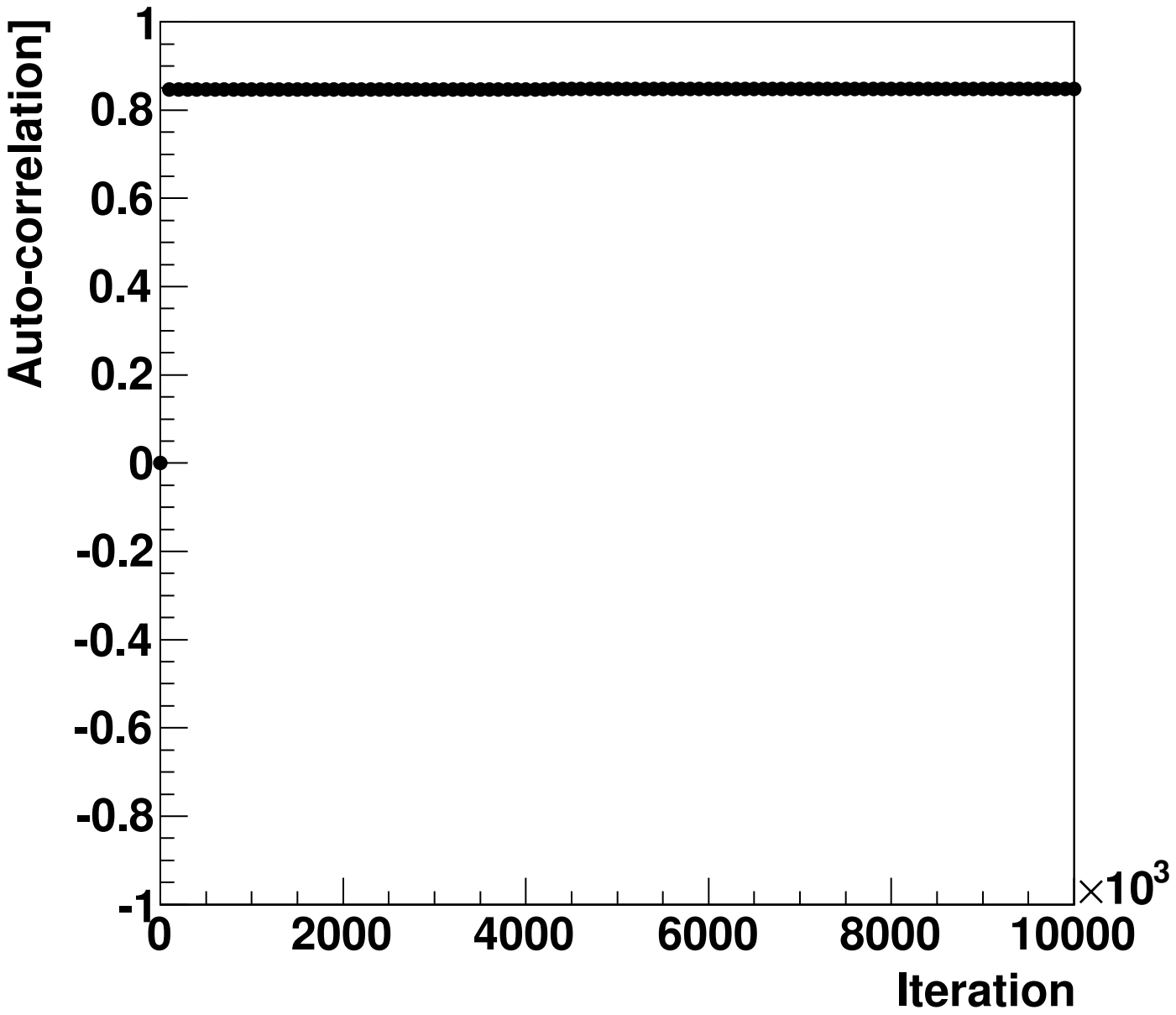
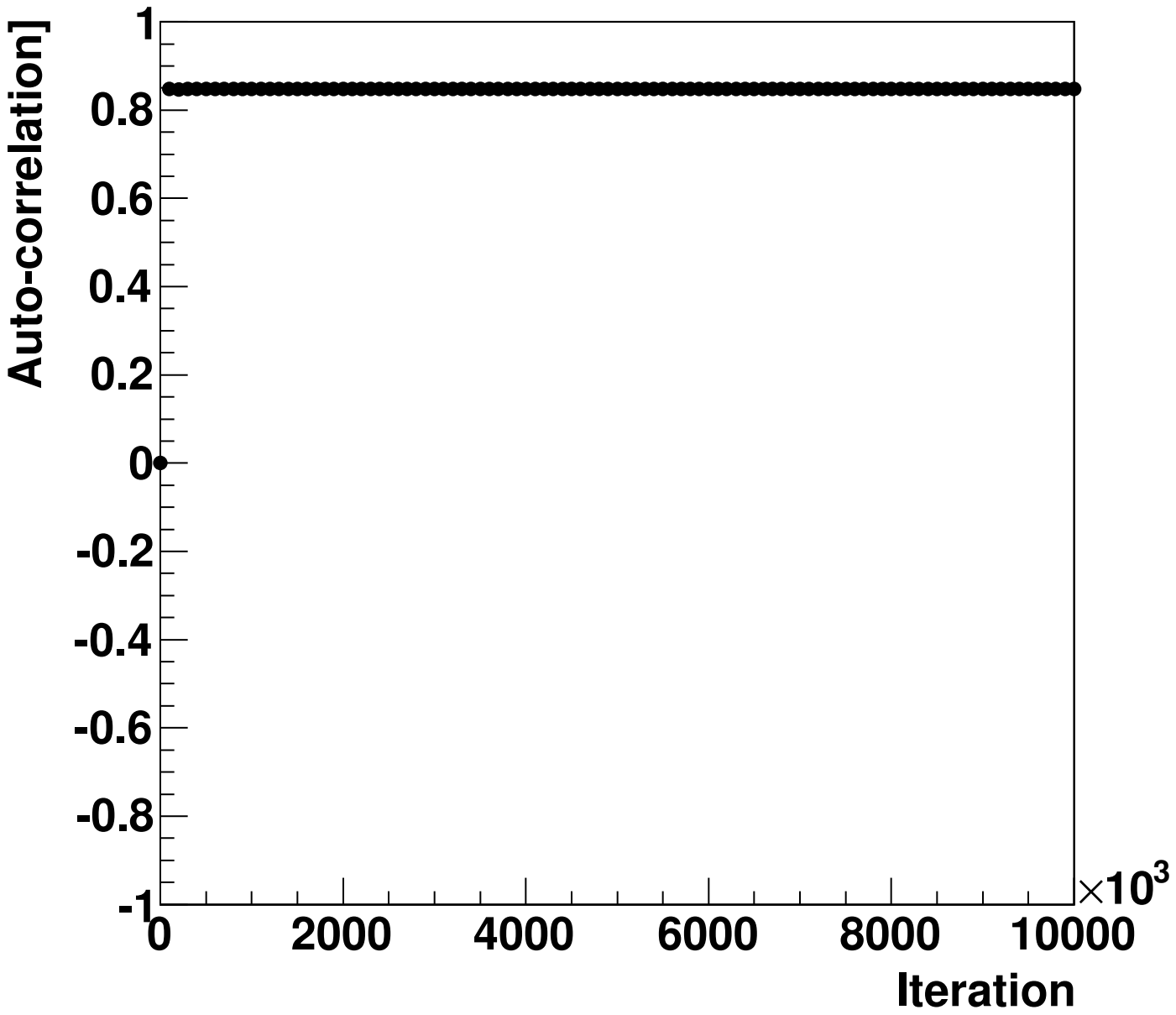

Auto-correlation]
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
0
2000
4000
6000
8000
10000
×10^3
Iteration


Auto-correlation]
1
0.8
0.6
0.4
0.2
0
-0.2
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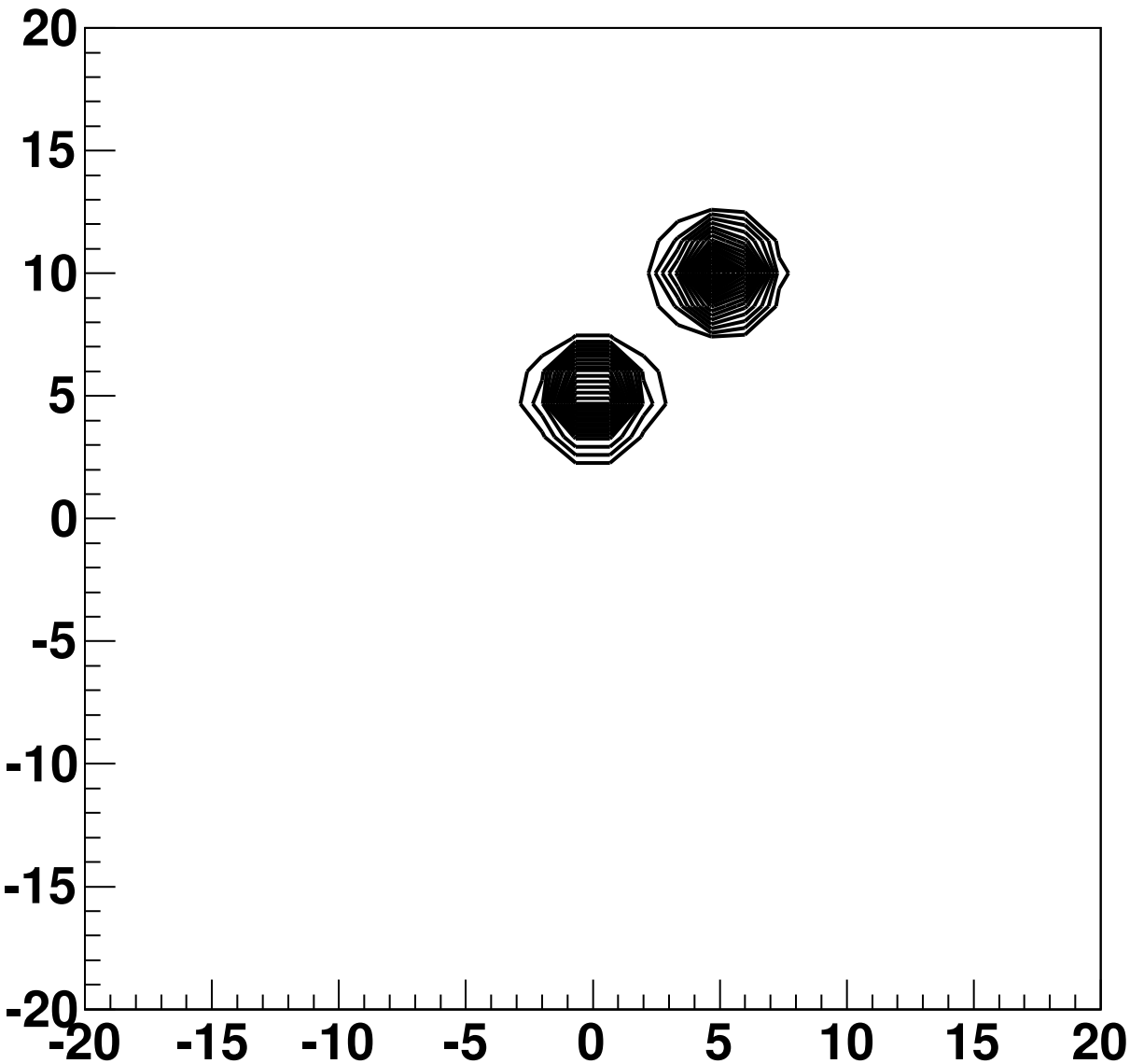
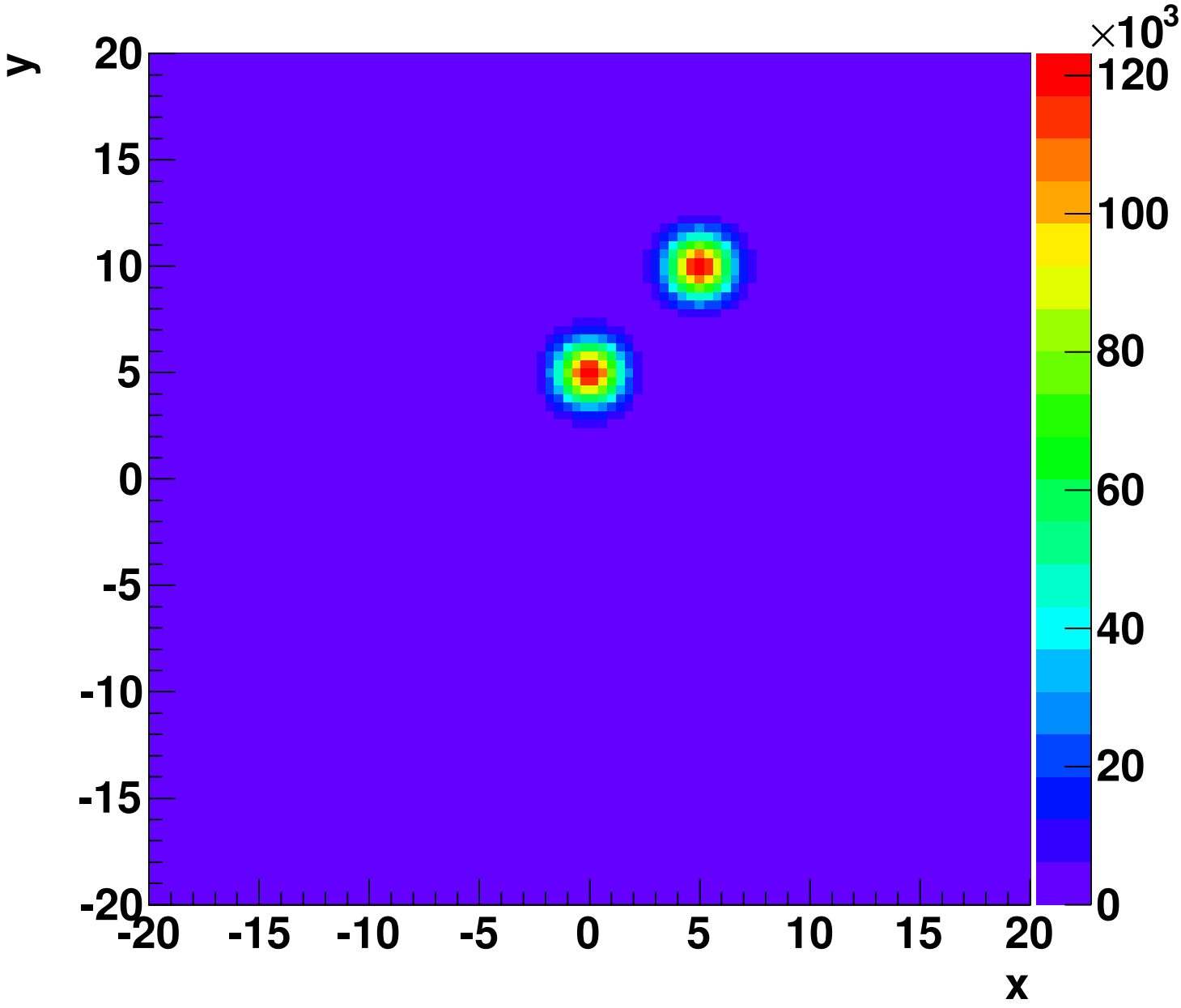
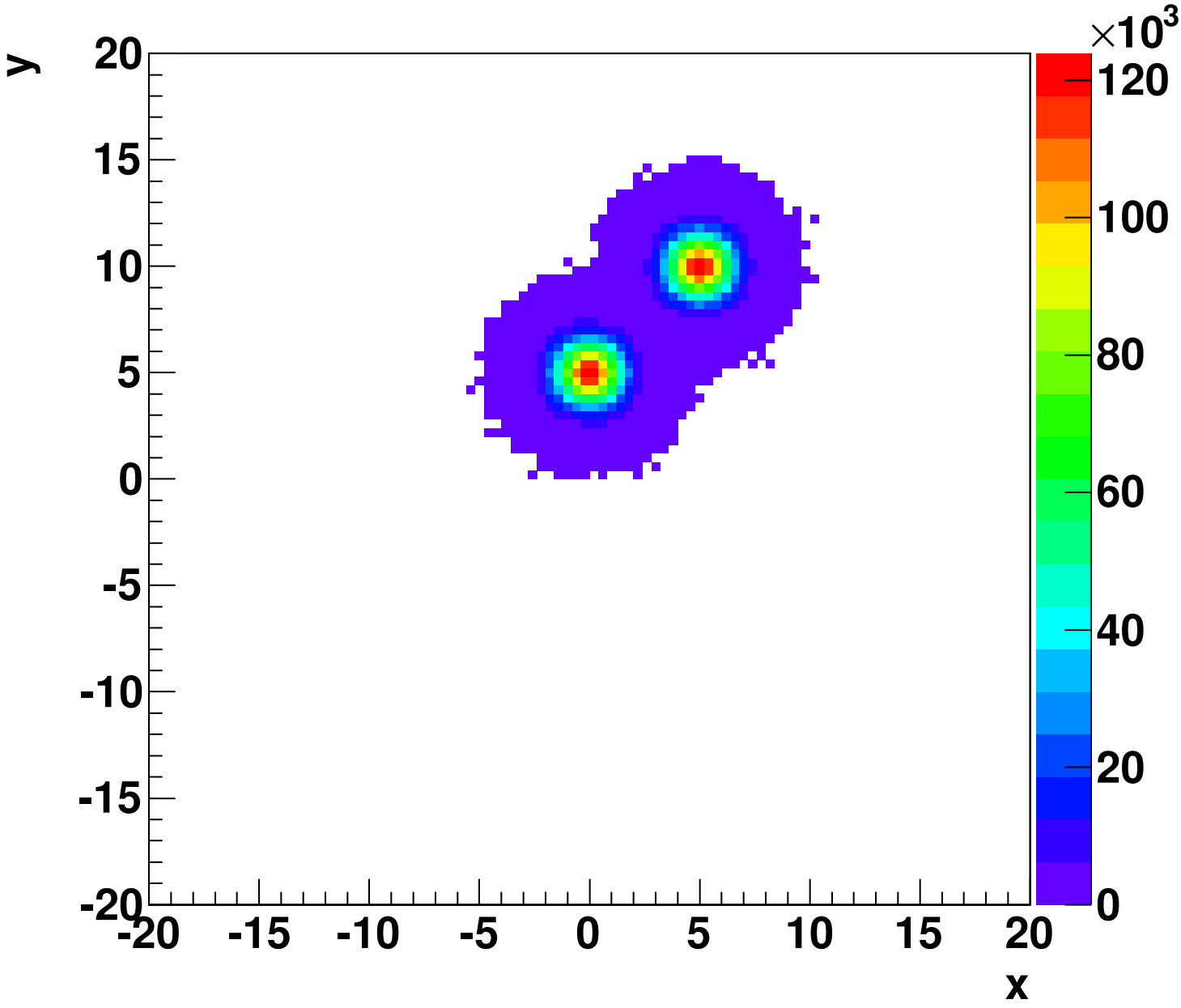
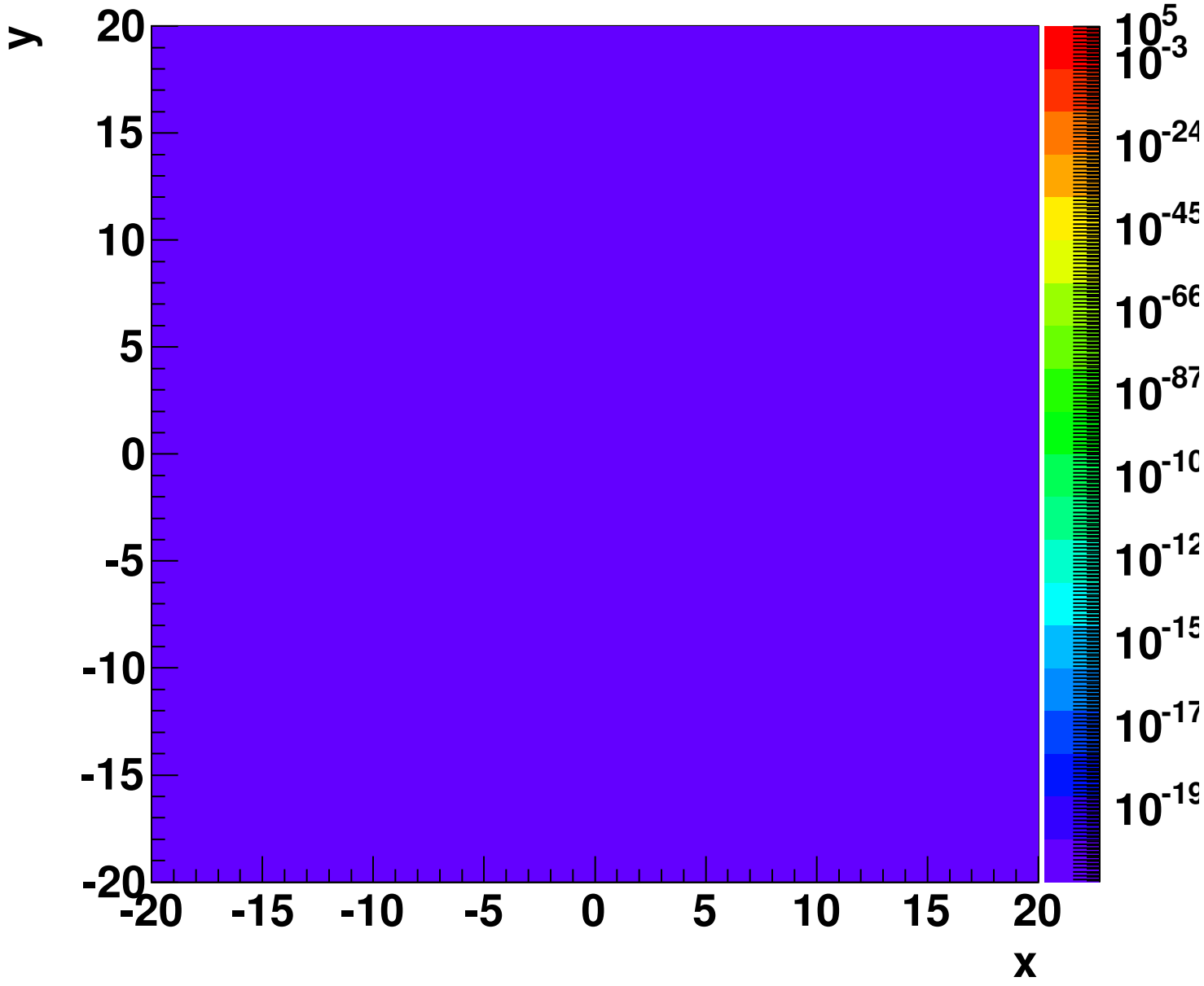
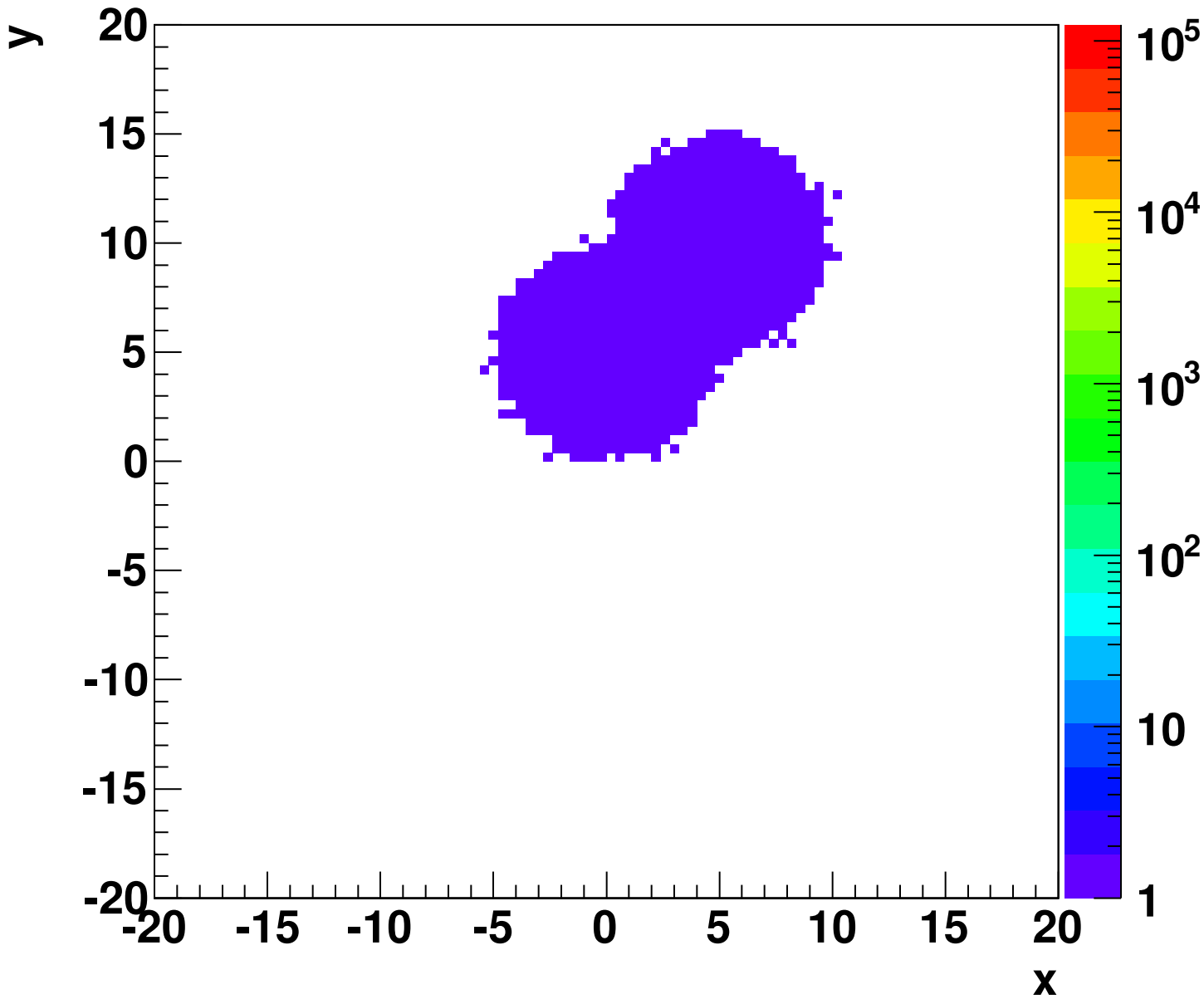
-0.6
-0.8
-1
0
2000
4000
6000
8000
10000
×10^3
Iteration

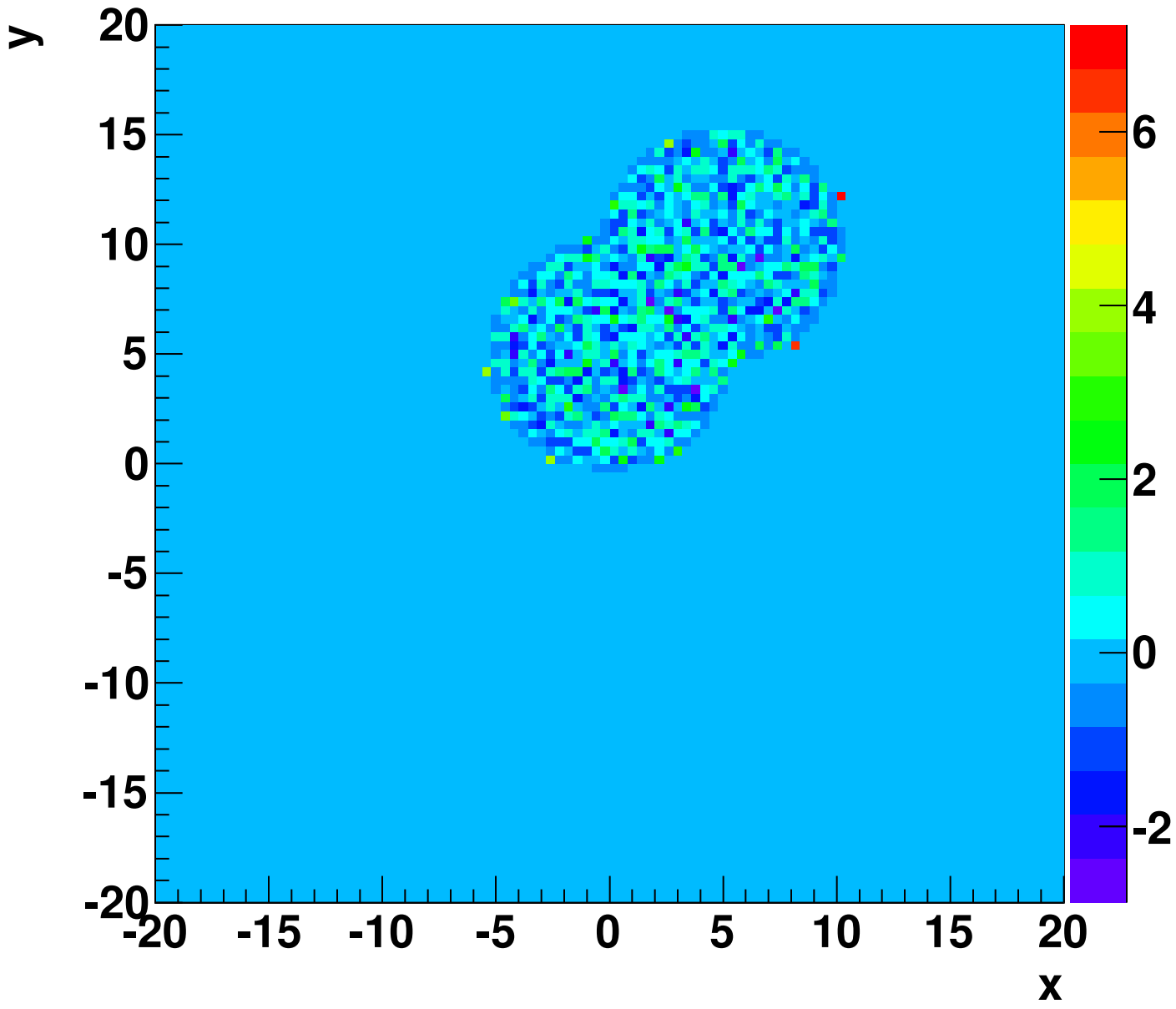

20
15
10
5
0
-5
-10
-15
-20
-20
-15
-10
-5
0
5
10
15
20

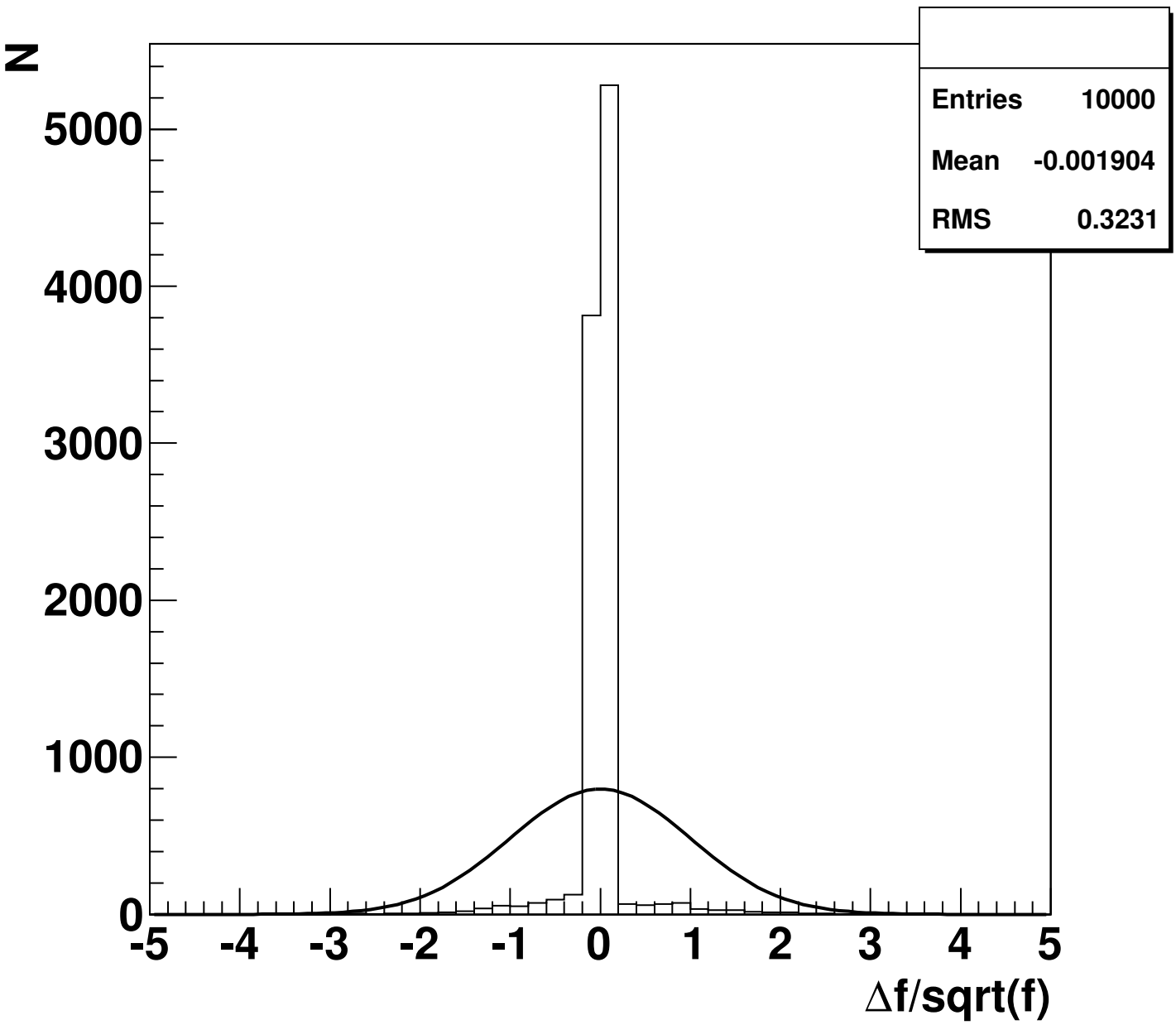

y
20
15
10
5
0
-5
-10
-15
-20
-20
-15
-10
-5
0
5
10
15
20
x
×10^3
120
100
80
60
40
20
0


y
20
15
10
5
0
-5
-10
-15
-20
-20
-15
-10
-5
0
5
10
15
20
x
×10^3
120
100
80
60
40
20
0


y
20
15
10
5
0
-5
-10
-15
-20
-20
-15
-10
-5
0
5
10
15
20
x
10^5
10^-3
10^-24
10^-45
10^-66
10^-87
10^-10
10^-12
10^-15
10^-17
10^-19


y
20
15
10
5
0
-5
-10
-15
-20
-20
-15
-10
-5
0
5
10
15
20
x
10^5
10^4
10^3
10^2
10
1


y
20
15
10
5
0
-5
-10
-15
-20
-20
-15
-10
-5
0
5
10
15
20
x
6
4
2
0
-2


N
5000
4000
3000
2000
1000
0
-5
-4
-3
-2
-1
0
1
2
3
4
5
Δf/sqrt(f)
Entries 10000
Mean -0.001904
RMS 0.3231