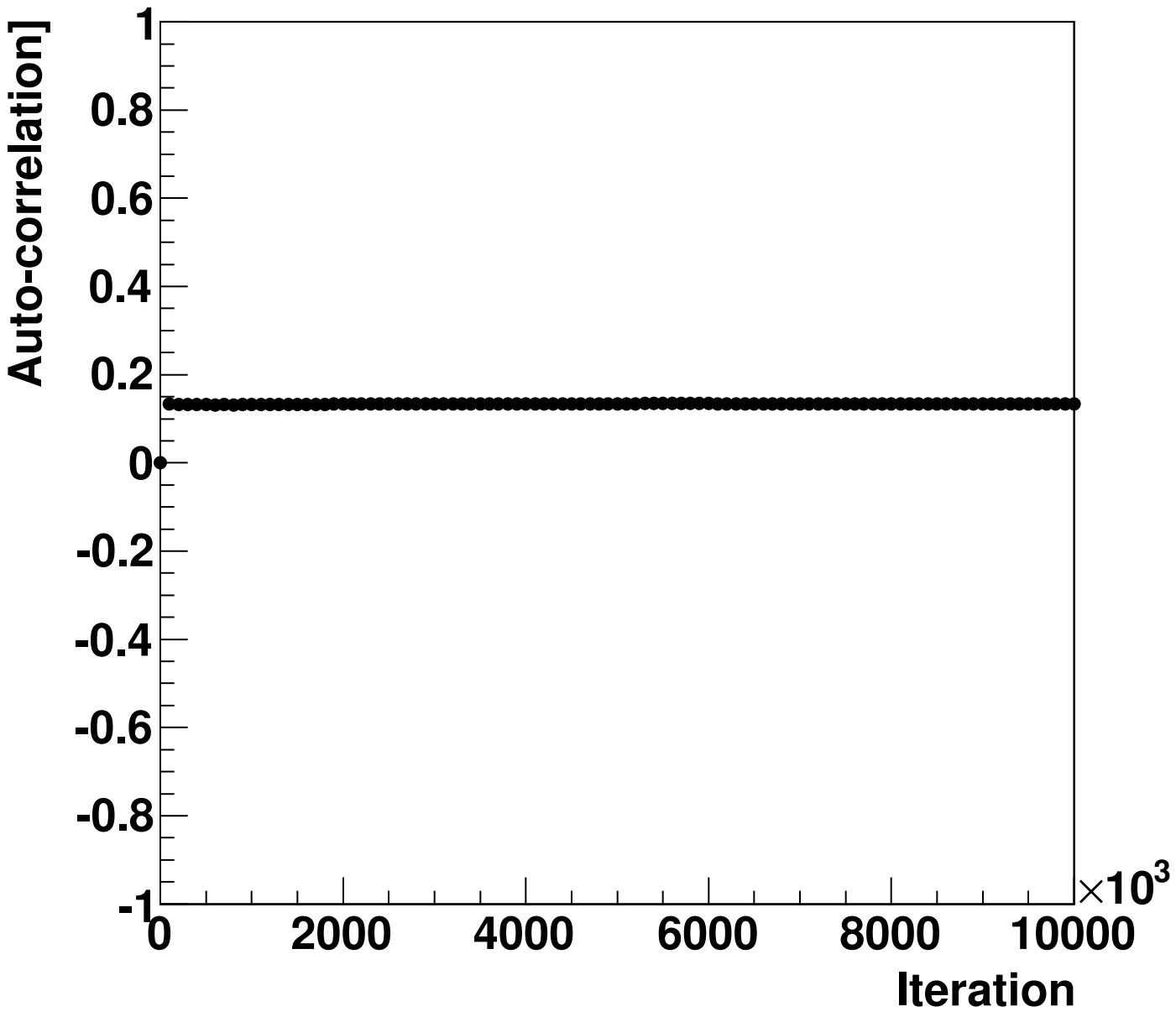
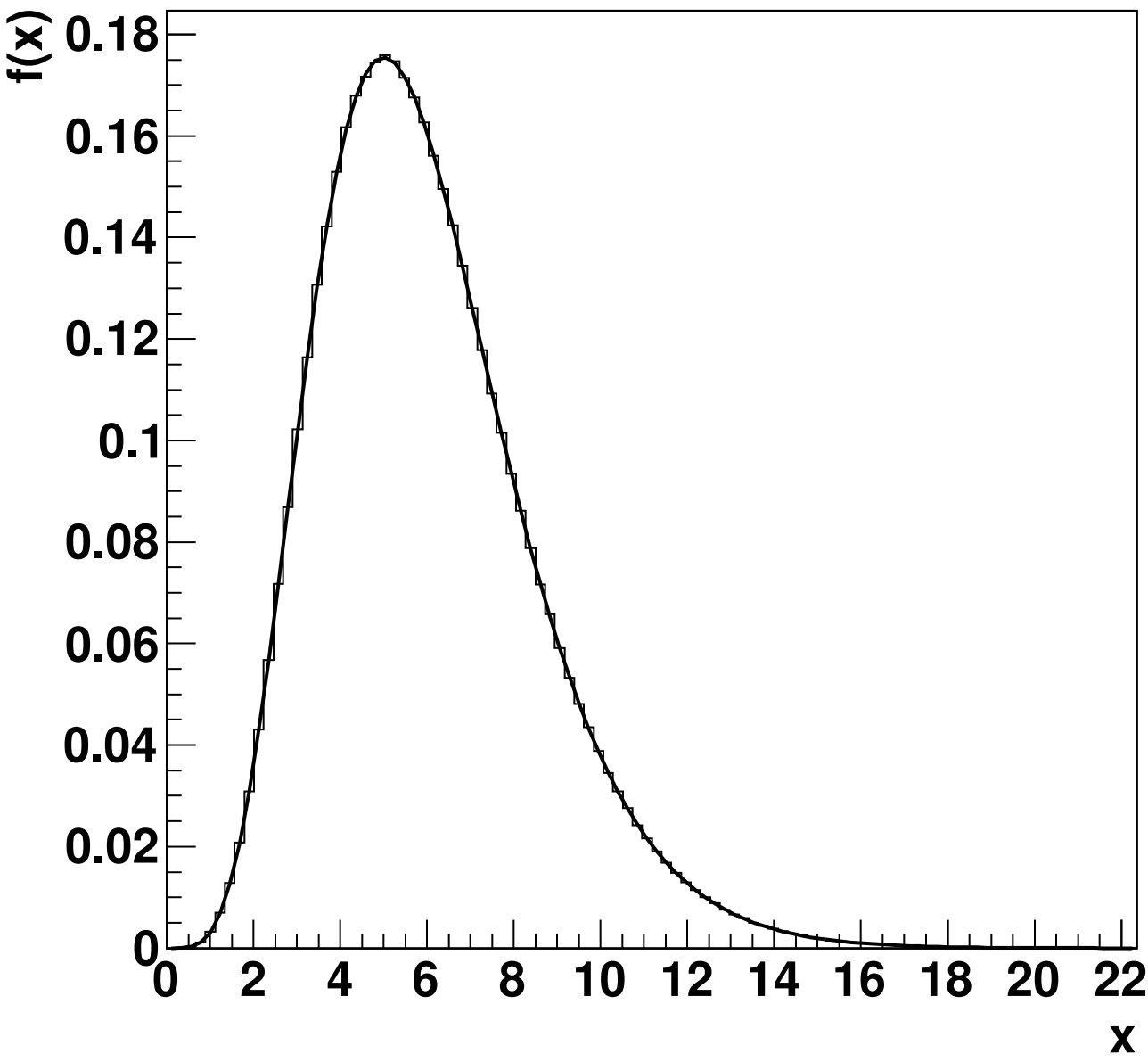
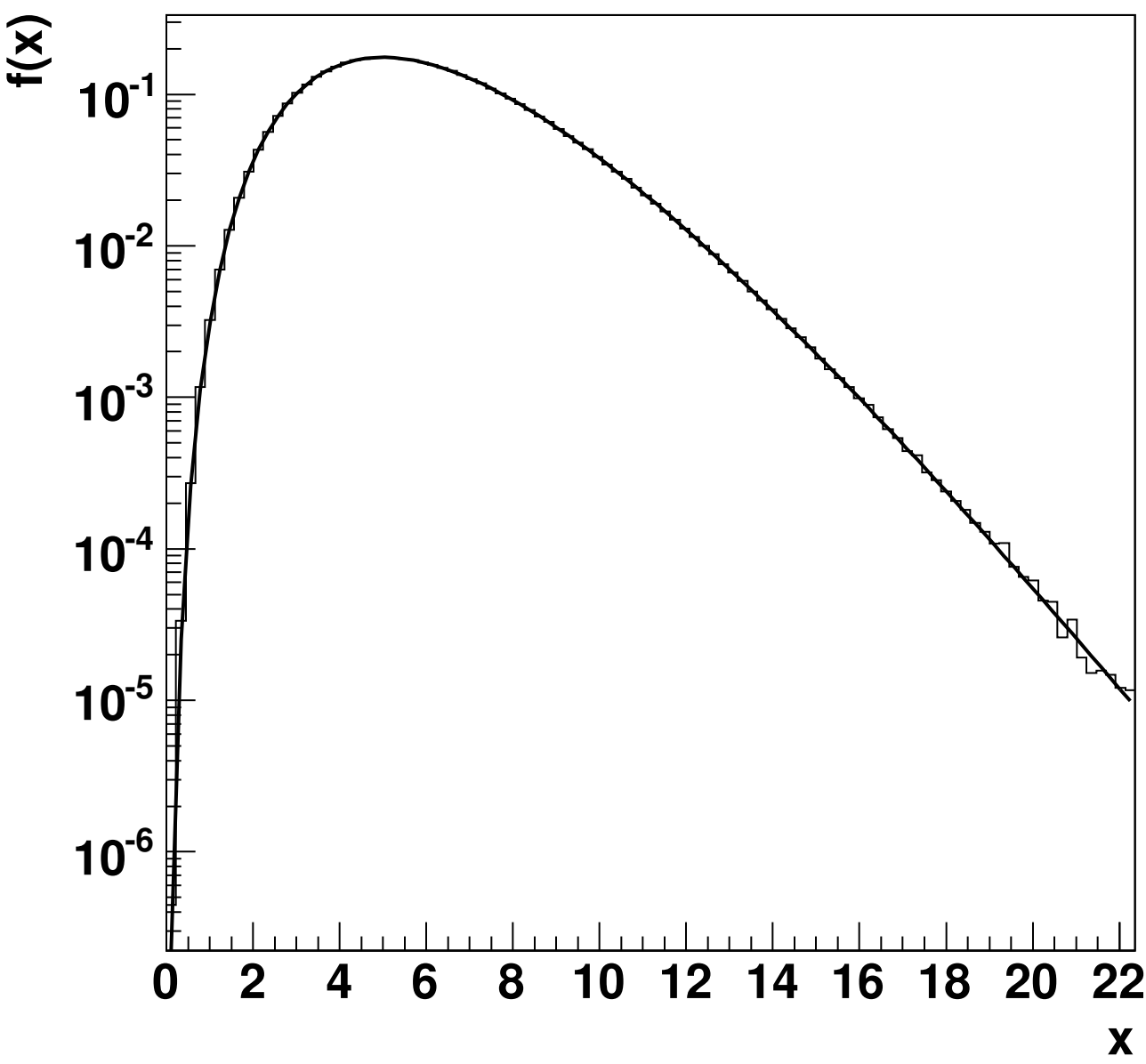
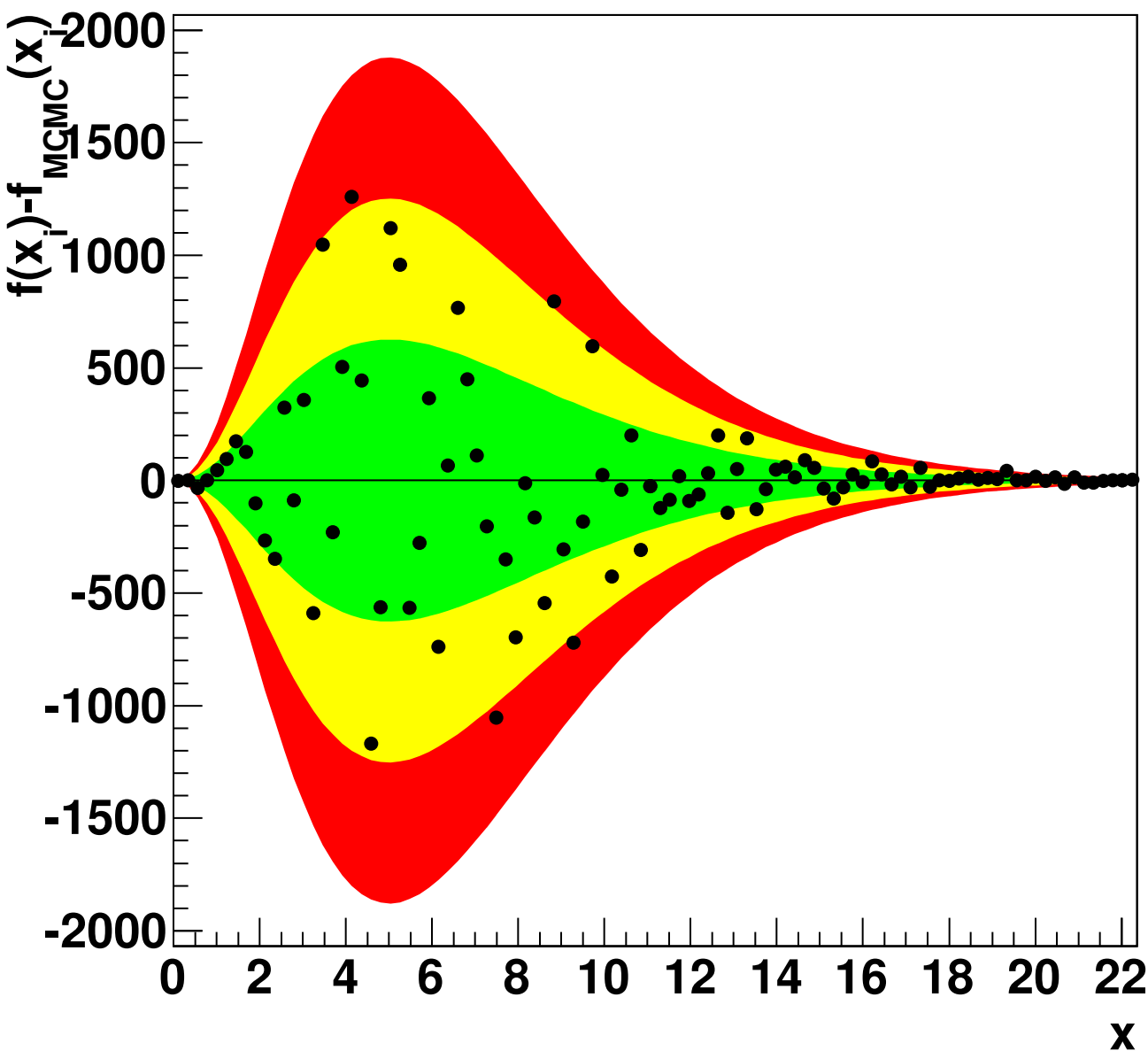
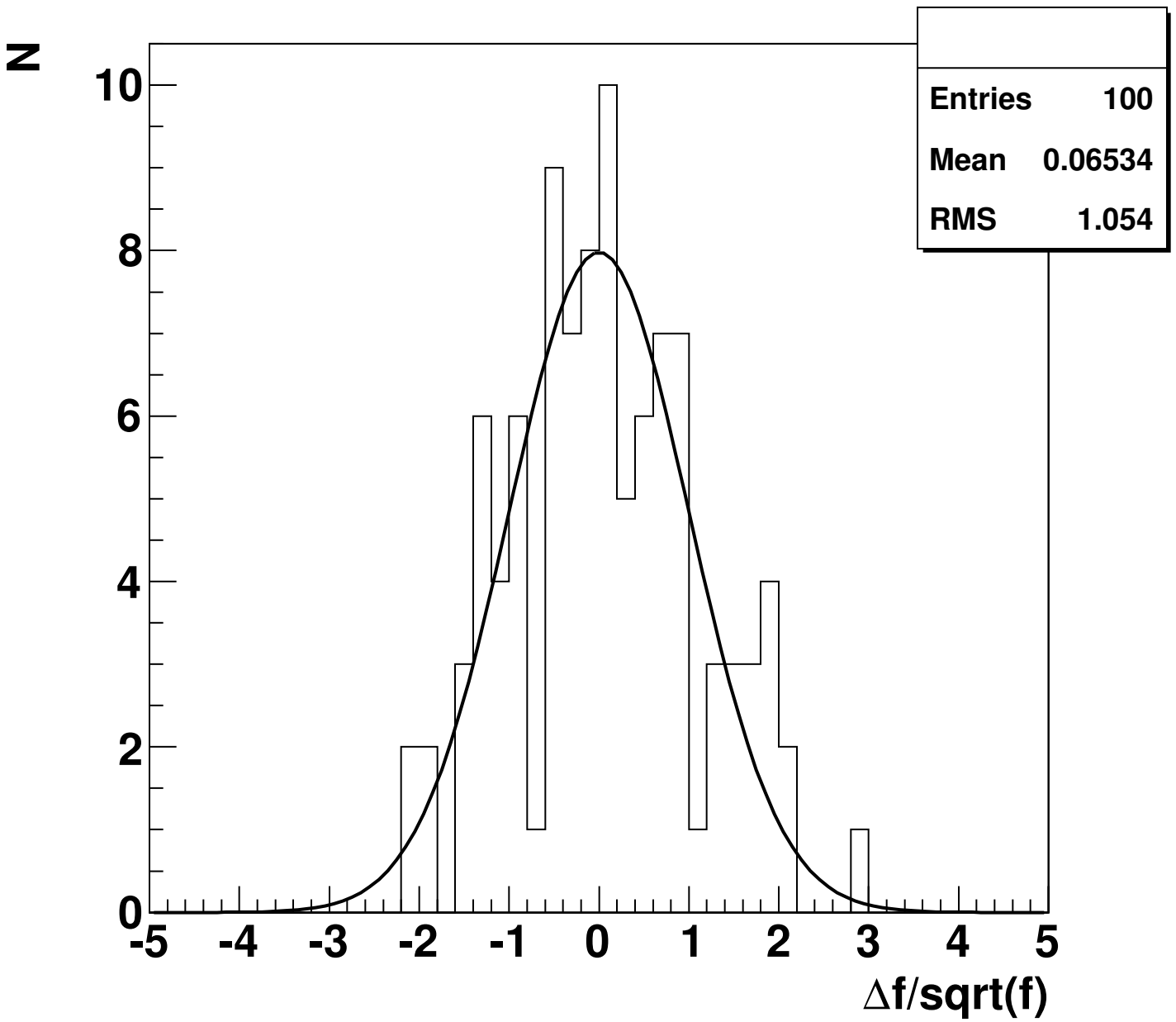
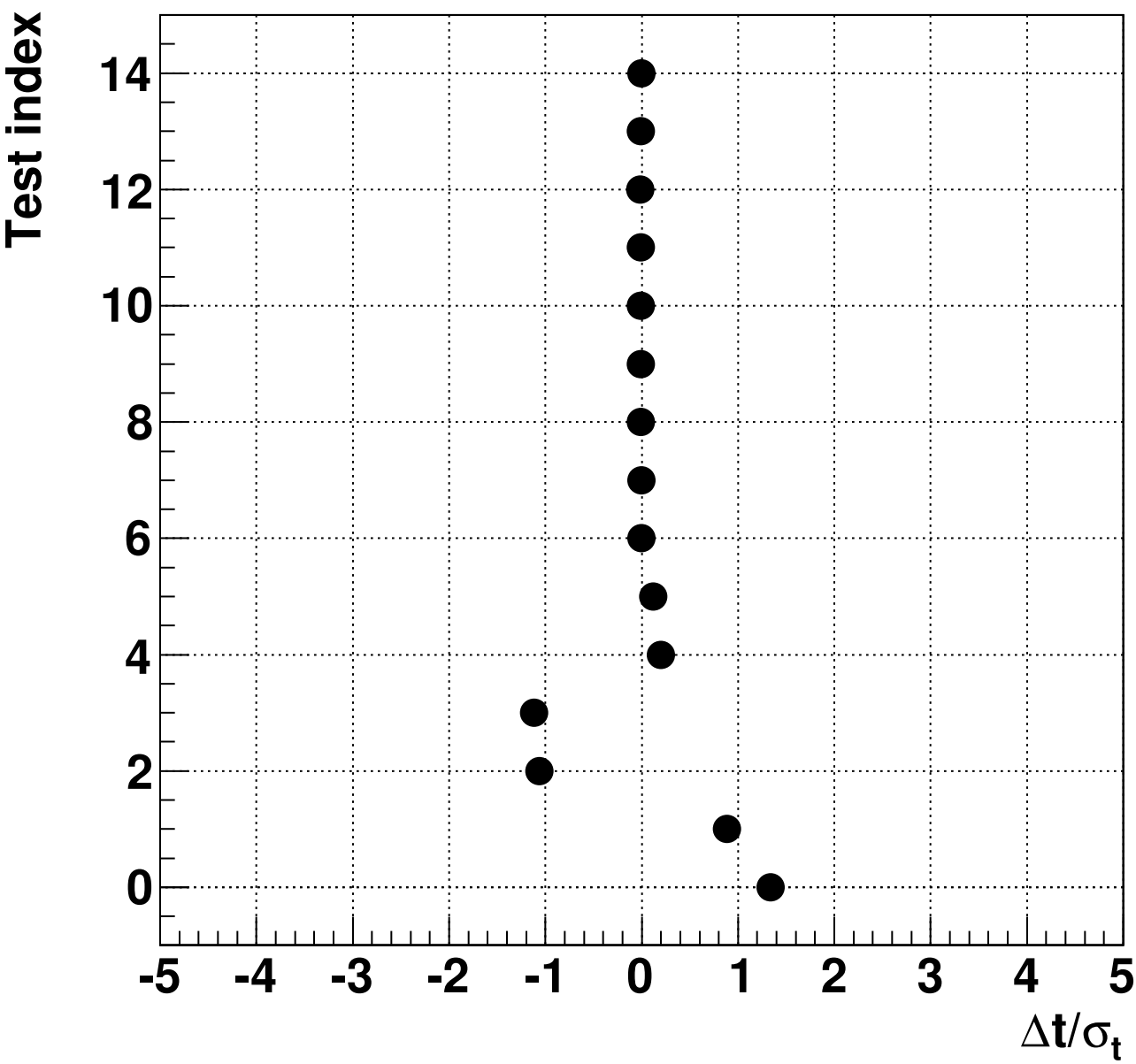

Auto-correlation]
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
0
2000
4000
6000
8000
10000
×10^3
Iteration


f(x)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
0
2
4
6
8
10
12
14
16
18
20
22
x


f(x)
10-1
10-2
10-3
10-4
10-5
10-6
0
2
4
6
8
10
12
14
16
18
20
22
x


f(x_i)-f_MCMC(x_i)
2000
1500
1000
500
0
-500
-1000
-1500
-2000
0
2
4
6
8
10
12
14
16
18
20
22
x


N
10
8
6
4
2
0
-5
-4
-3
-2
-1
0
1
2
3
4
5
Δf/sqrt(f)
Entries 100
Mean 0.06534
RMS 1.054


Test index
14
12
10
8
6
4
2
0
-5
-4
-3
-2
-1
0
1
2
3
4
5
Δt/σt