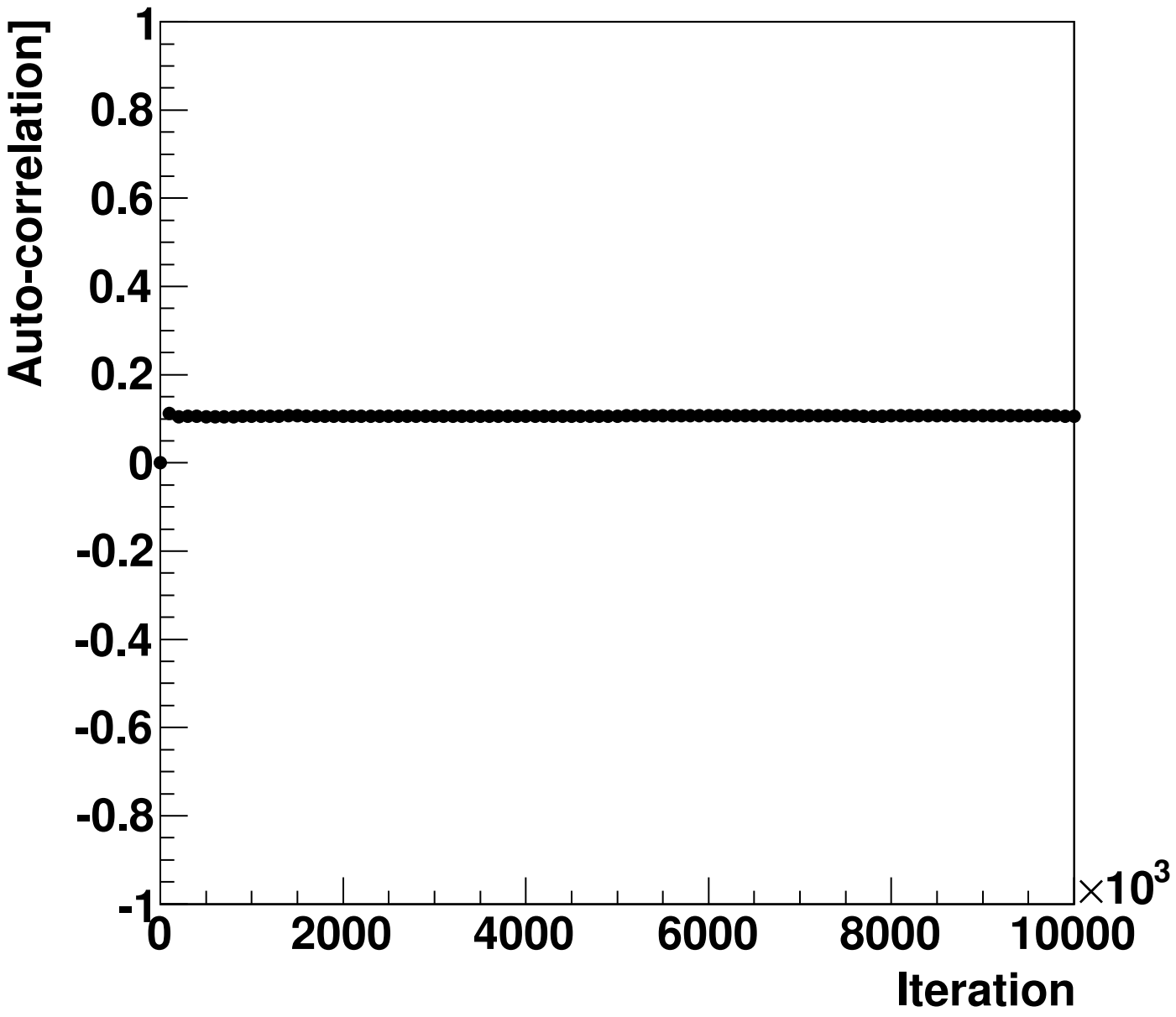
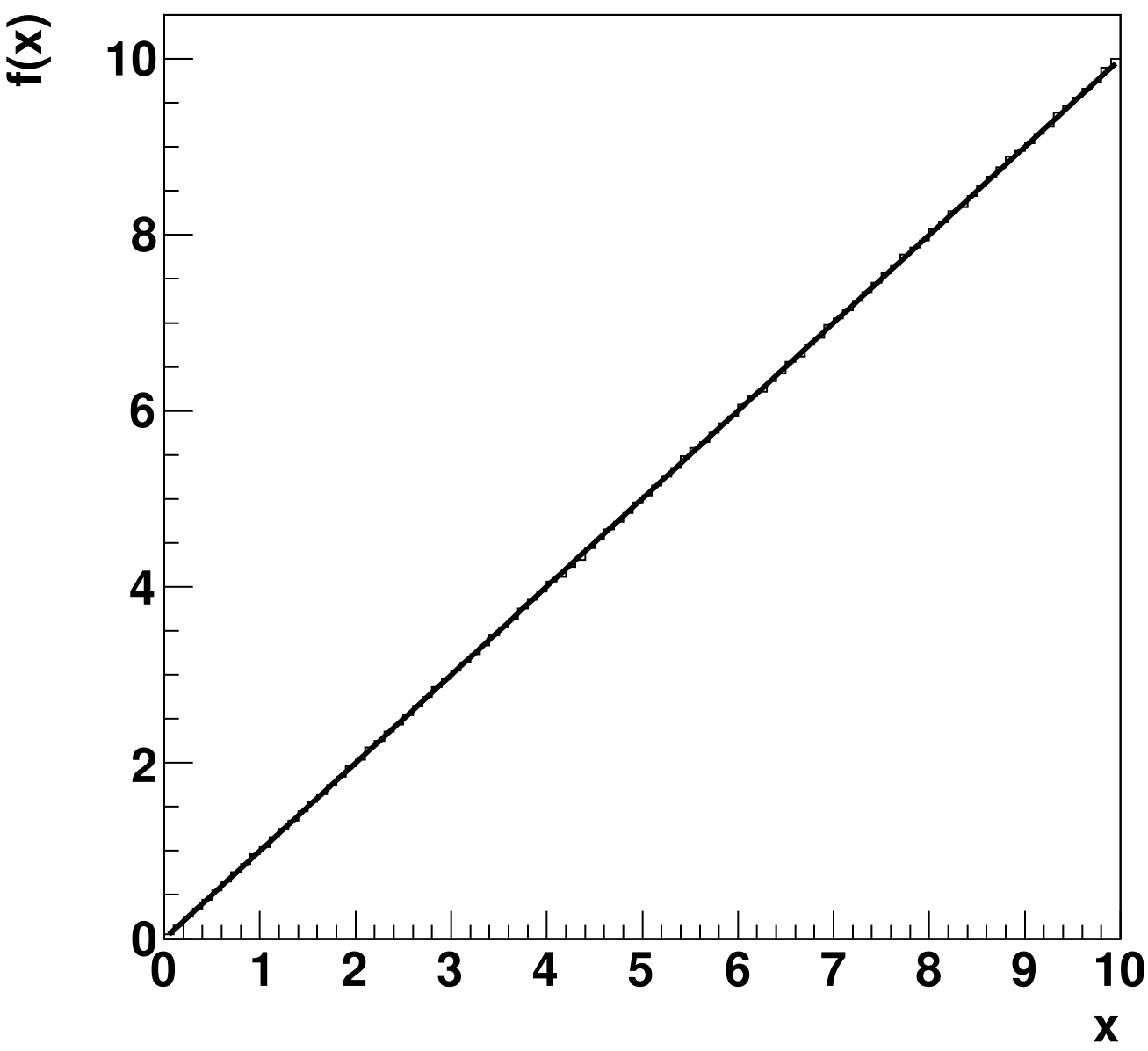
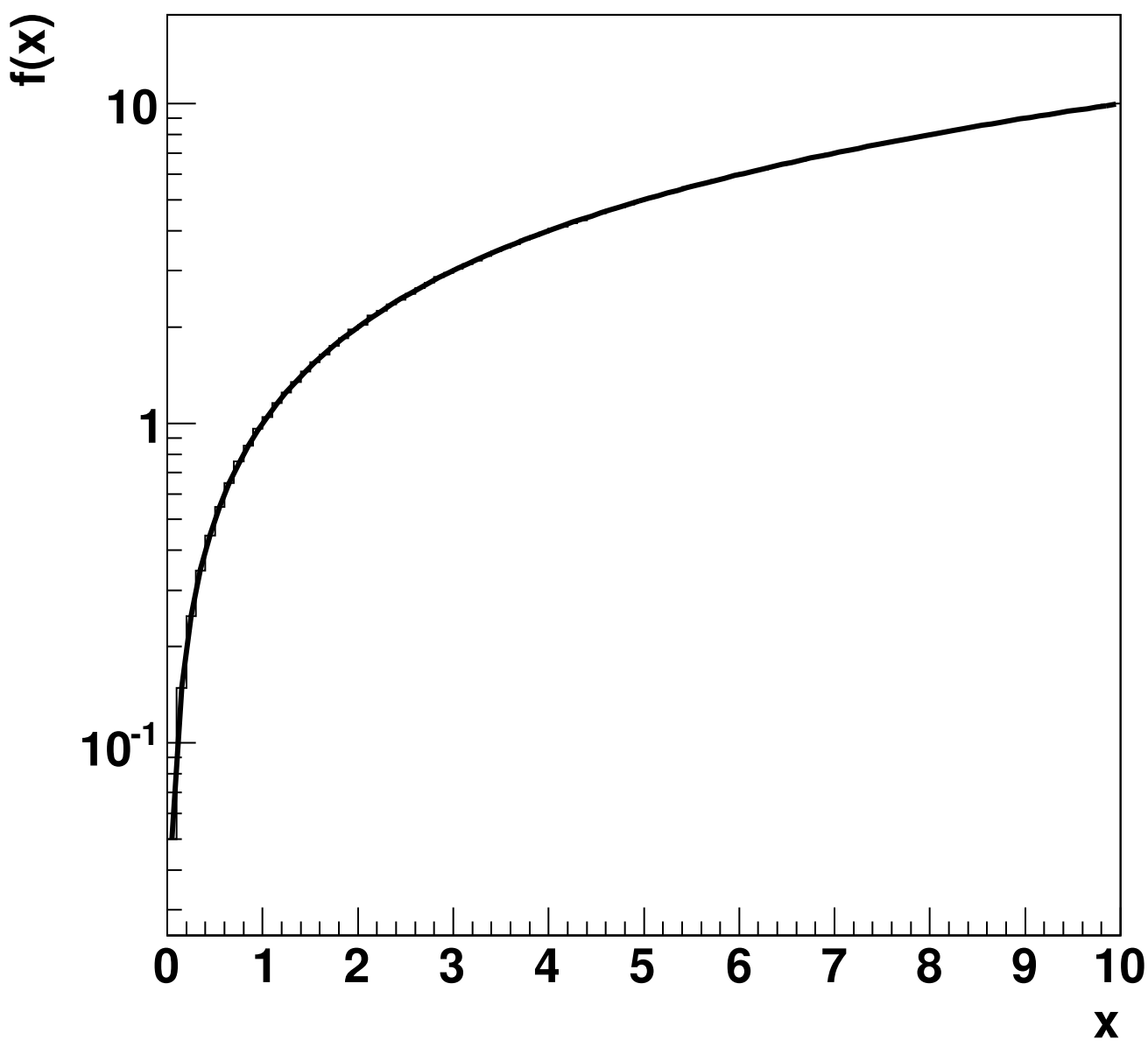
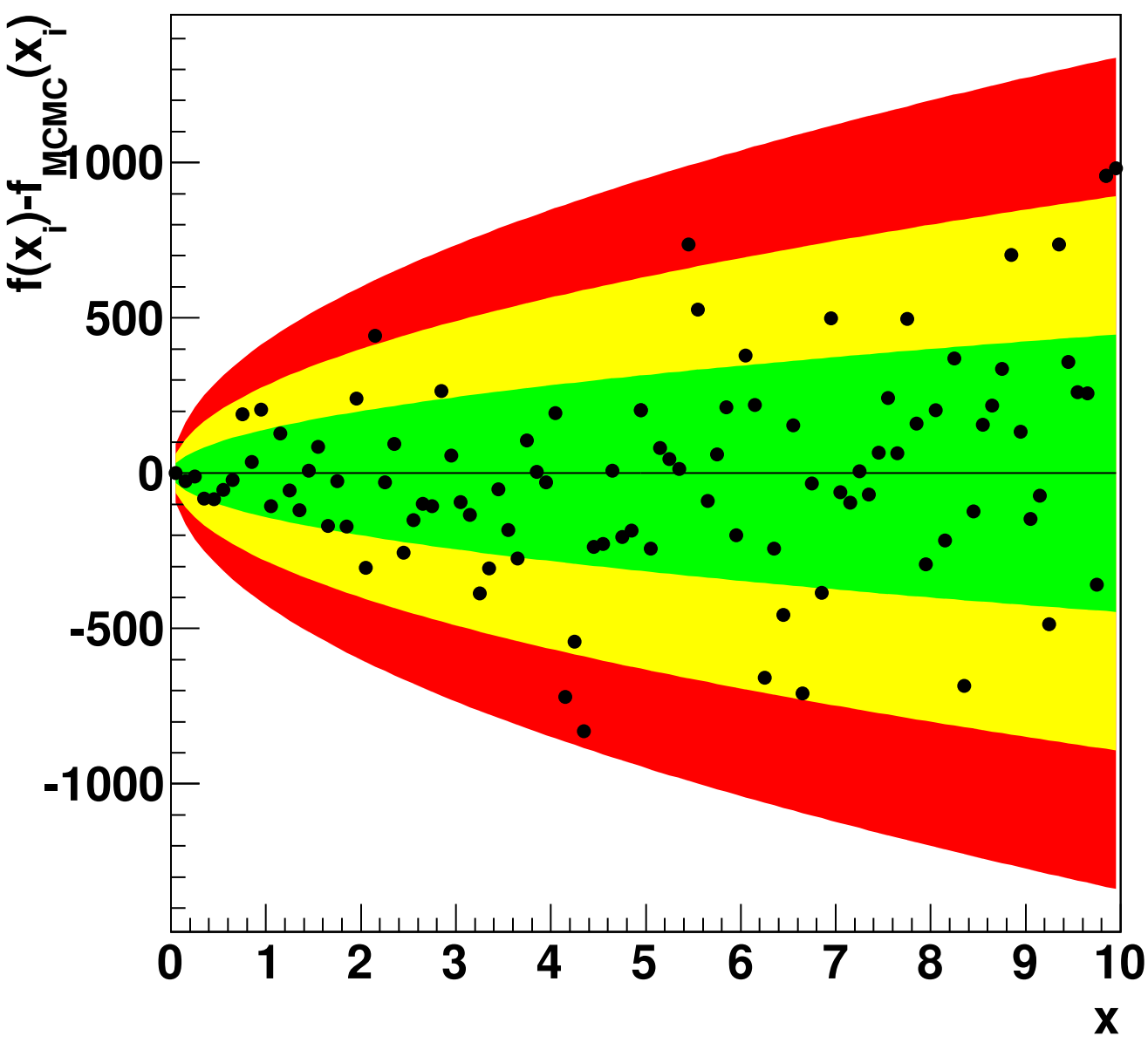
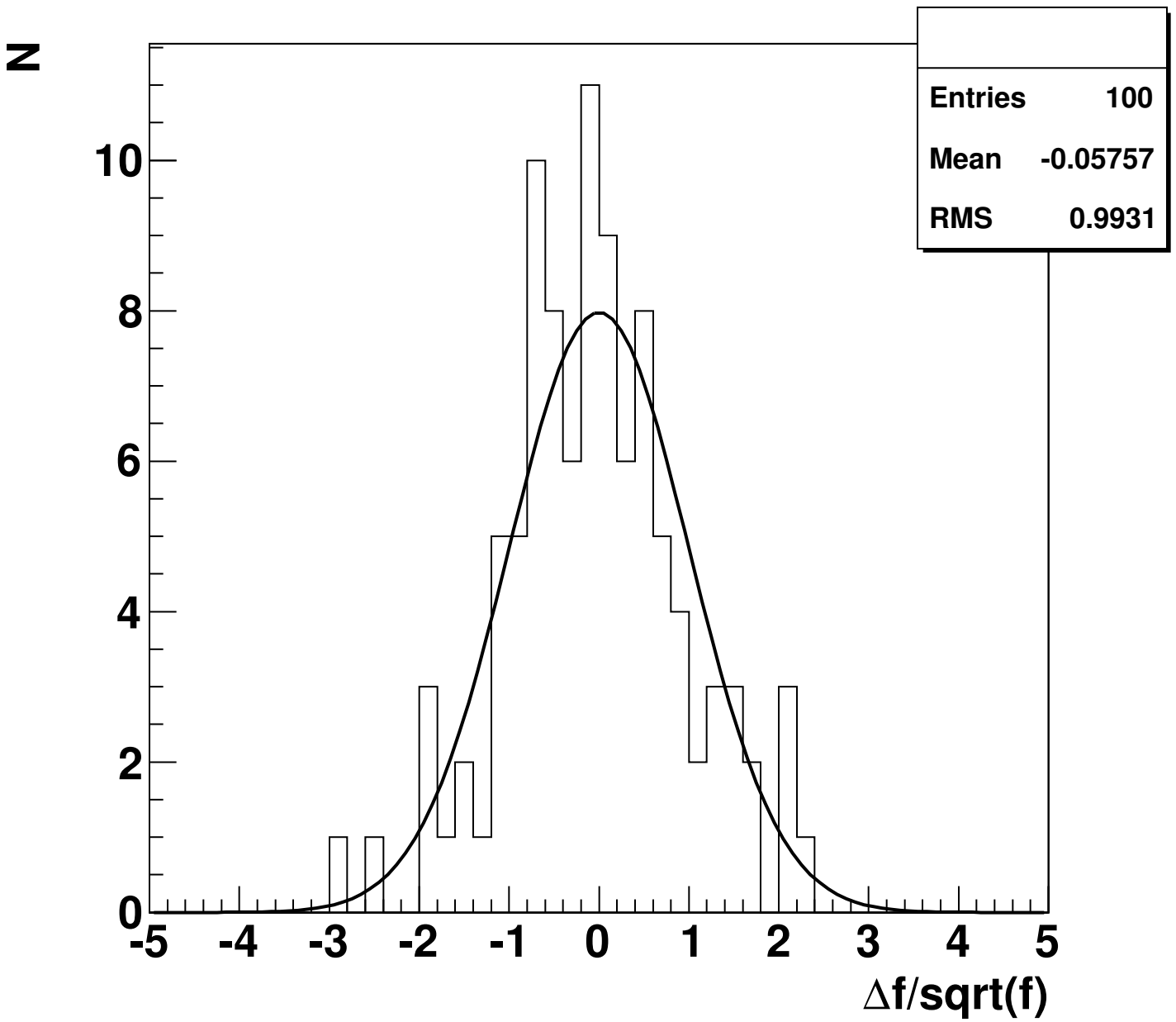
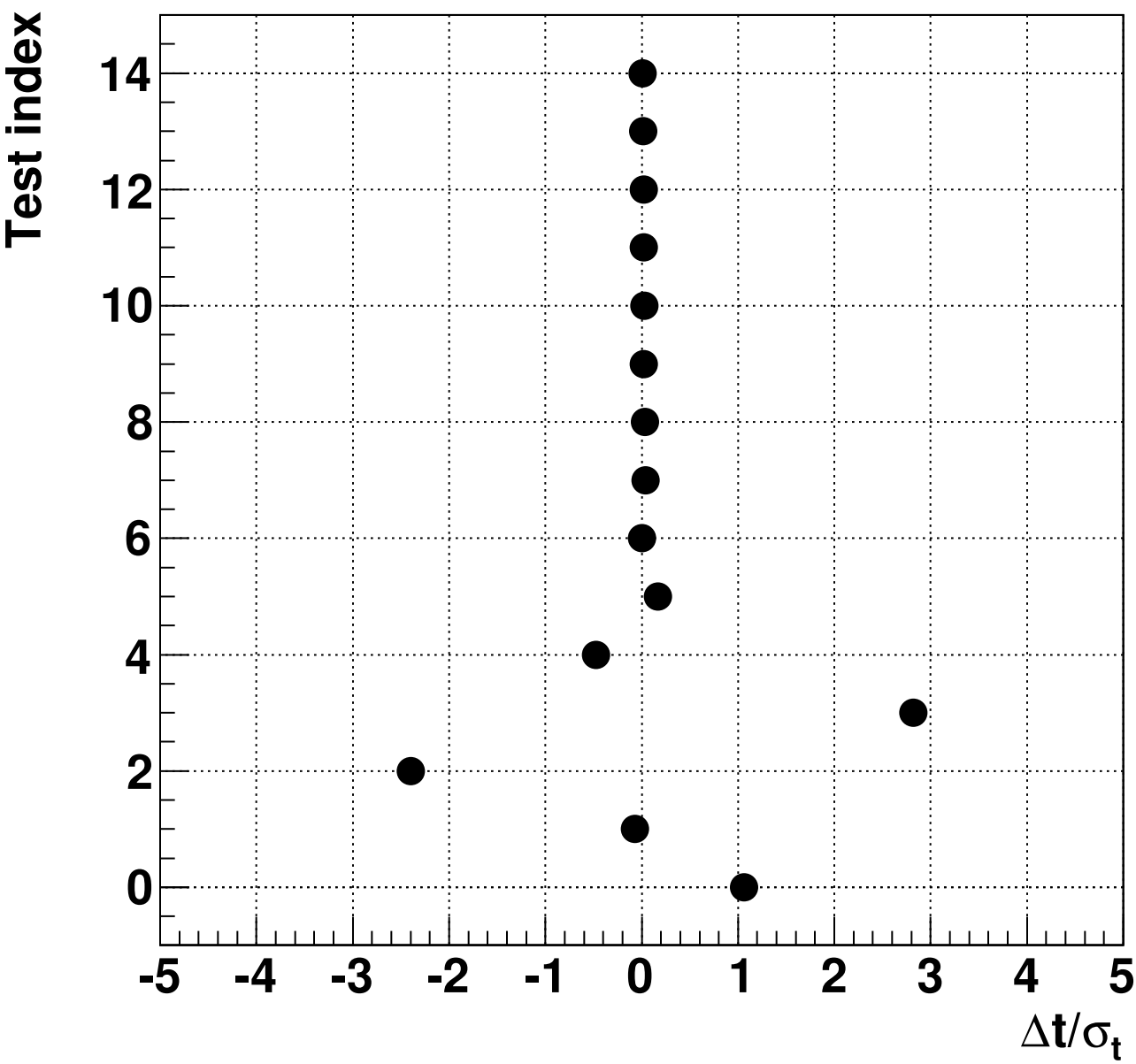

Auto-correlation]
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
0
2000
4000
6000
8000
10000
×10^3
Iteration


f(x)
10
8
6
4
2
0
0
1
2
3
4
5
6
7
8
9
10
x


f(x)
10
1
10^-1
0
1
2
3
4
5
6
7
8
9
10
x


$f(x_i)-f_{MCMC}(x_i)$
1000
500
0
-500
-1000
0
1
2
3
4
5
6
7
8
9
10
x


N
Entries 100
Mean -0.05757
RMS 0.9931
10
8
6
4
2
0
-5
-4
-3
-2
-1
0
1
2
3
4
5
Δf/sqrt(f)


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