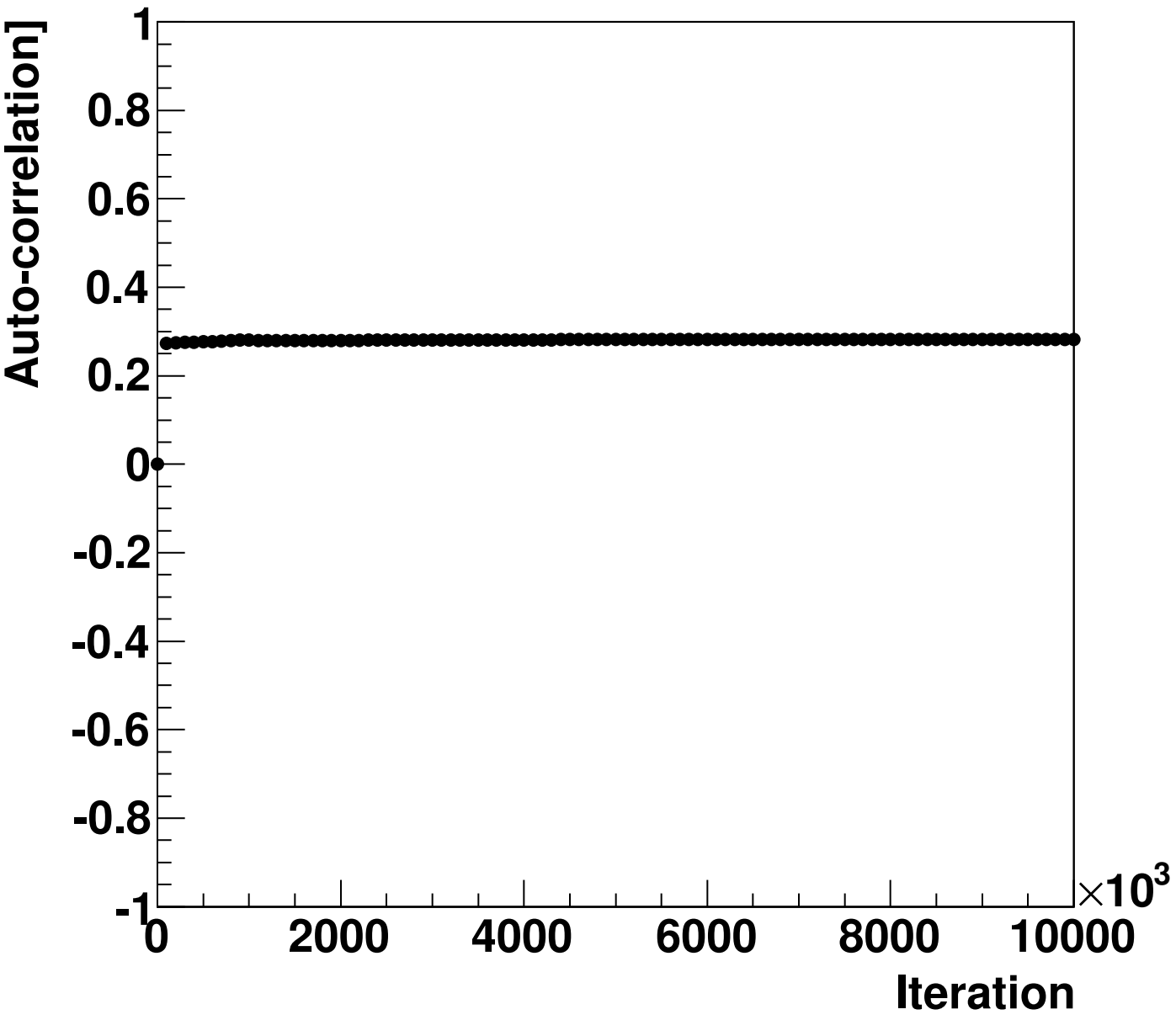
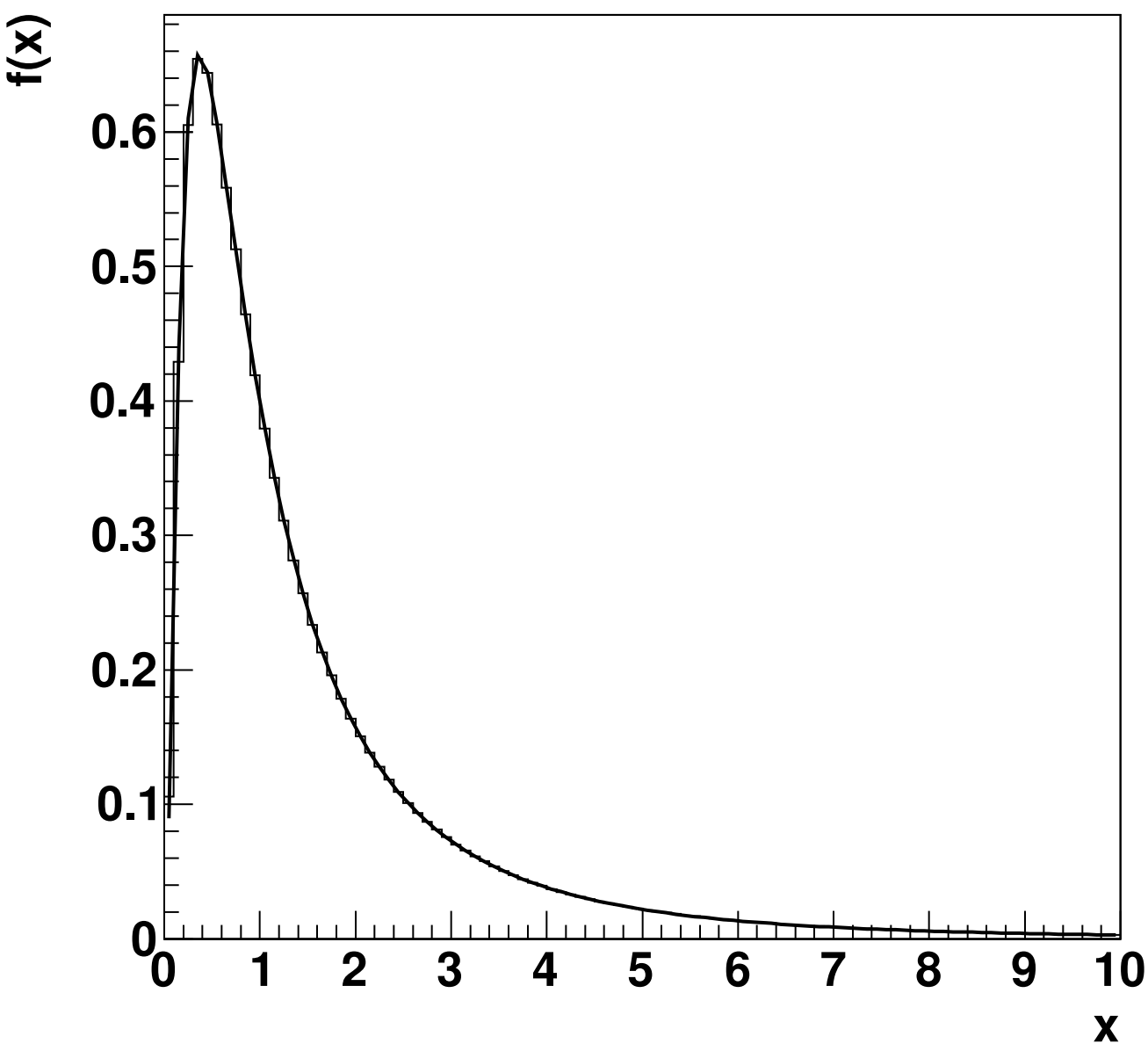
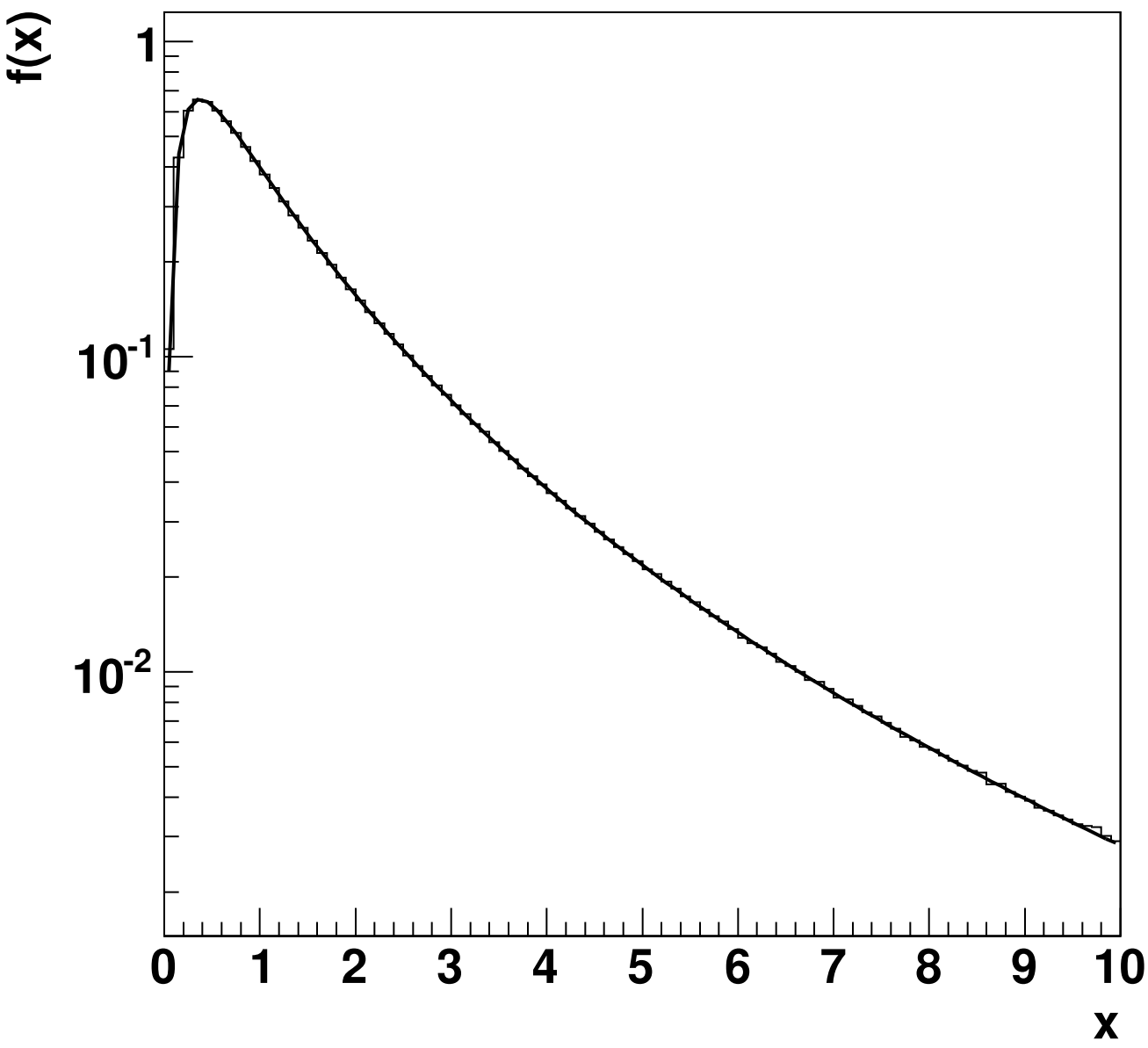
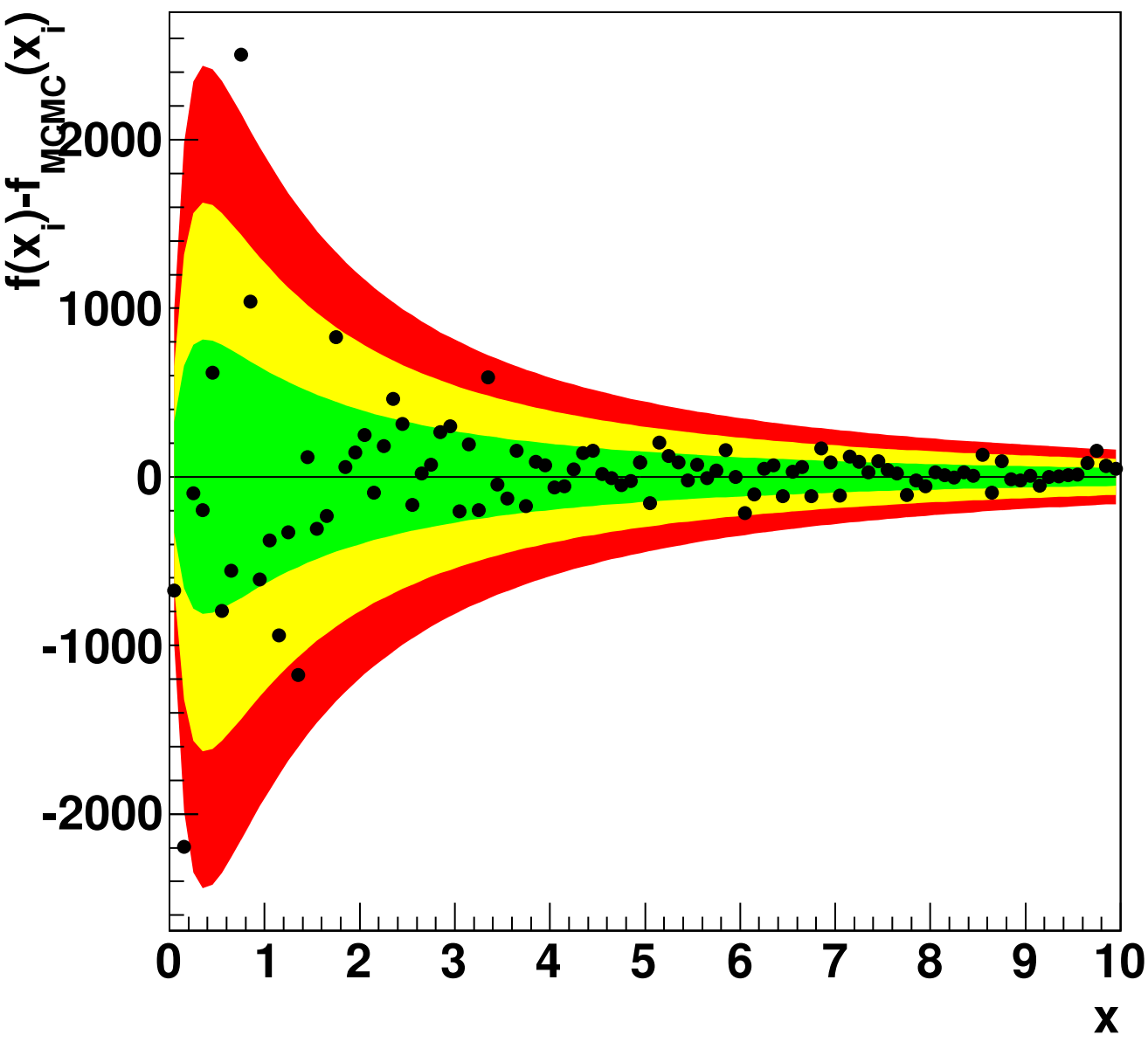
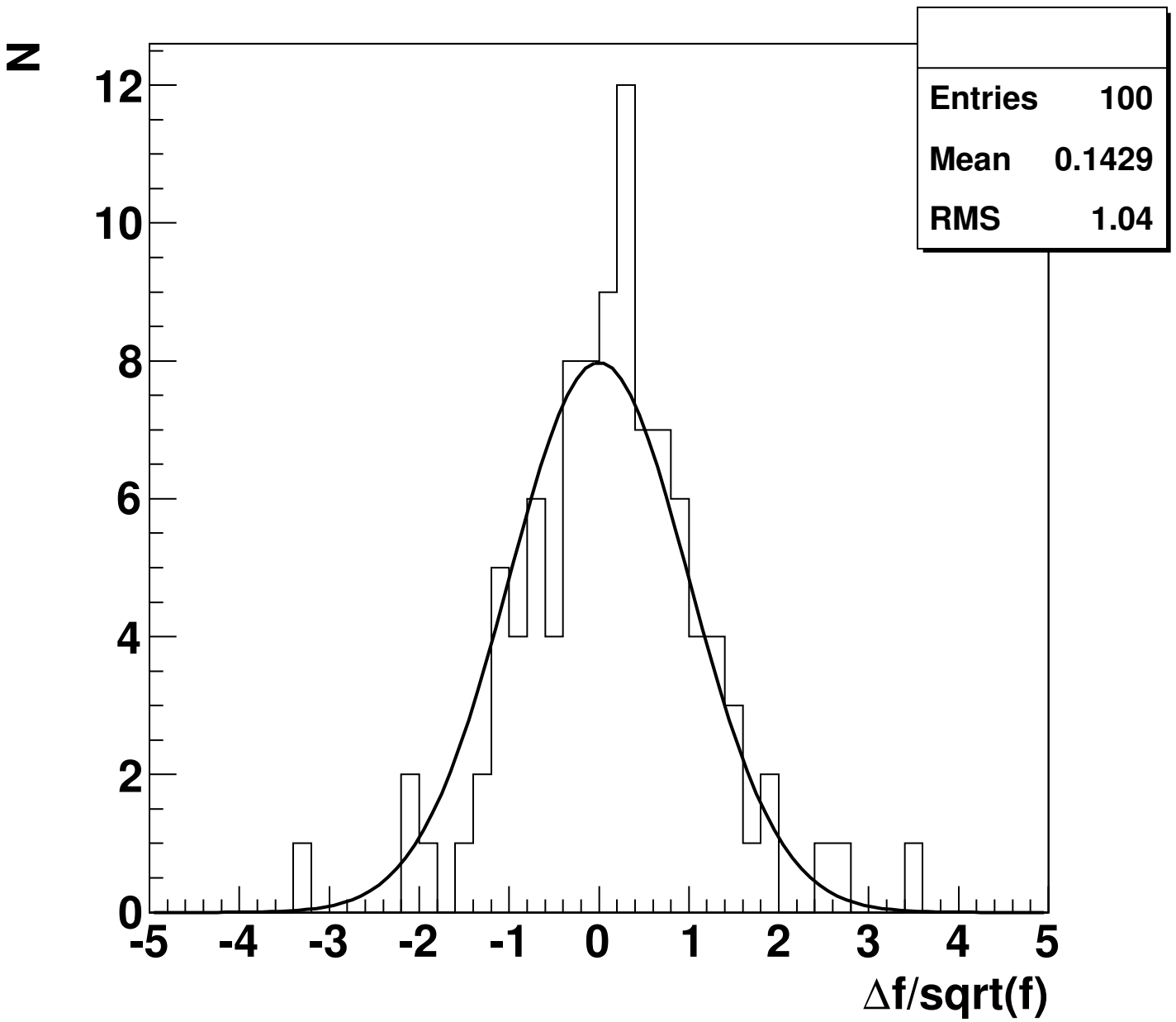
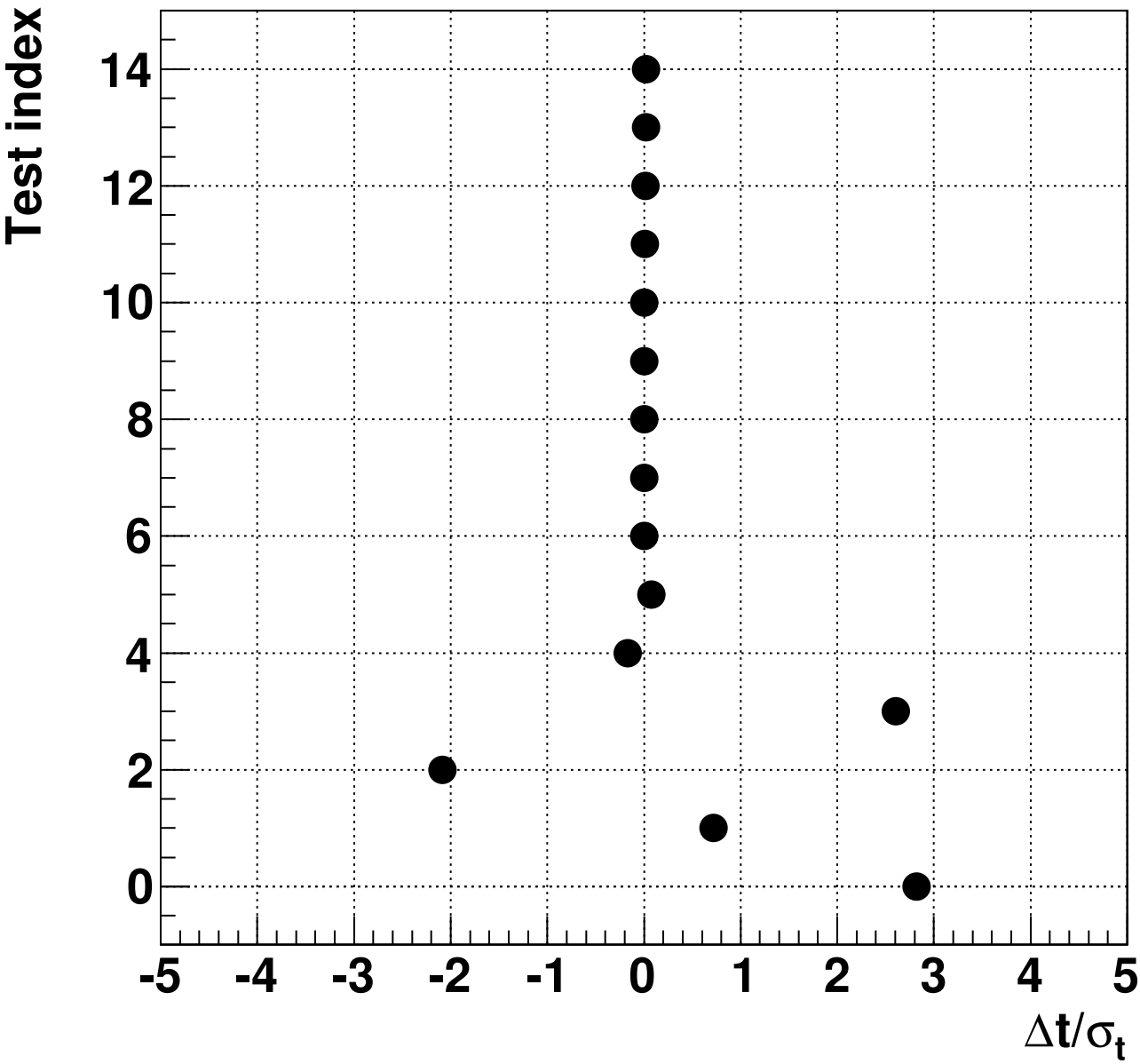

Auto-correlation]
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
0
2000
4000
6000
8000
10000
×10^3
Iteration


f(x)
0.6
0.5
0.4
0.3
0.2
0.1
0
0
1
2
3
4
5
6
7
8
9
10
x


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


f(x_i)-f_MCMC(x_i)
2000
1000
0
-1000
-2000
0
1
2
3
4
5
6
7
8
9
10
x


N
12
10
8
6
4
2
0
-5
-4
-3
-2
-1
0
1
2
3
4
5
Δf/sqrt(f)
Entries 100
Mean 0.1429
RMS 1.04


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