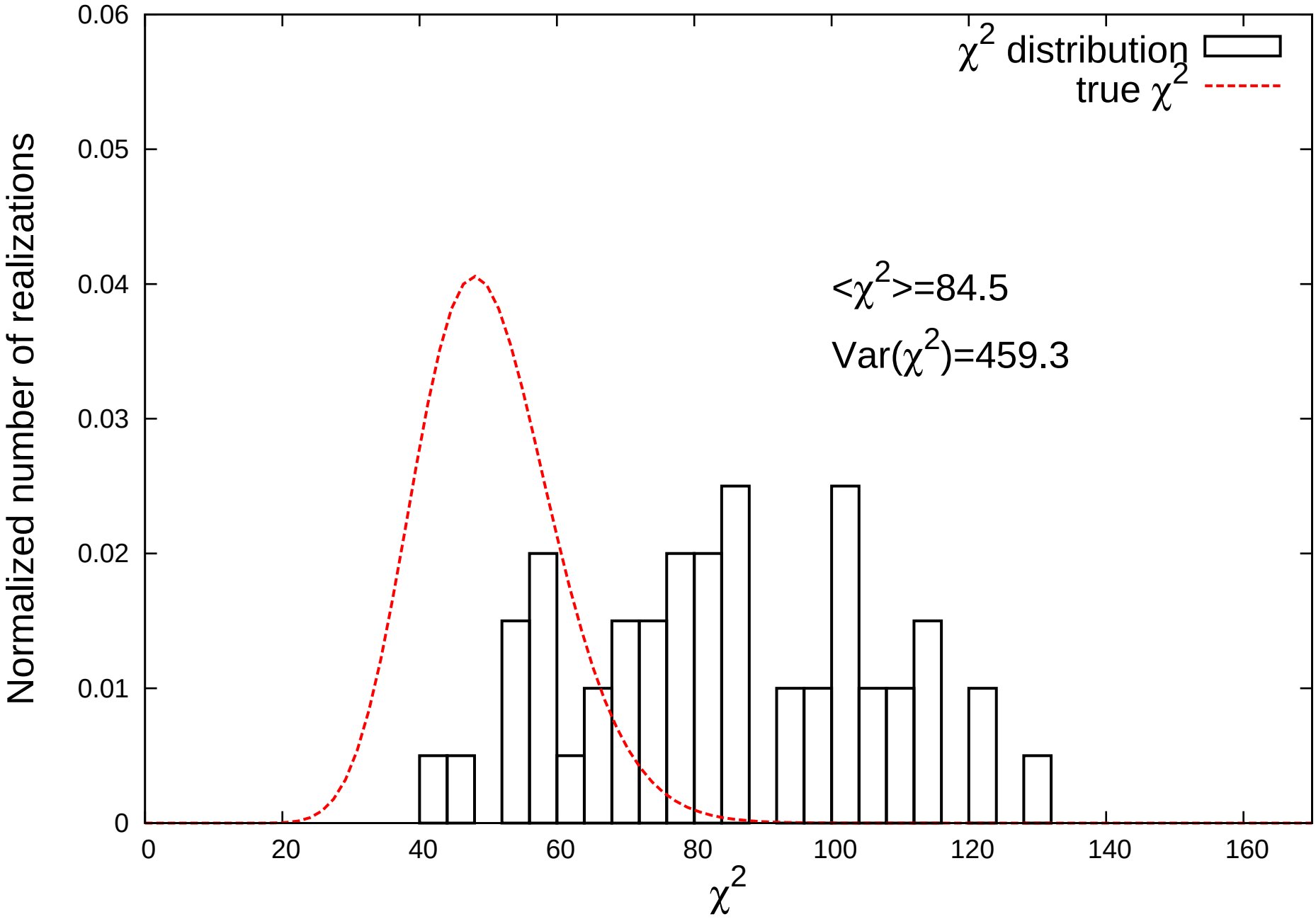
χ^2 distribution
true χ^2
$<\chi^2>=84.5$
$Var(\chi^2)=459.3$
Normalized number of realizations
χ^2
0.06
0.05
0.04
0.03
0.02
0.01
0
0
20
40
60
80
100
120
140
160