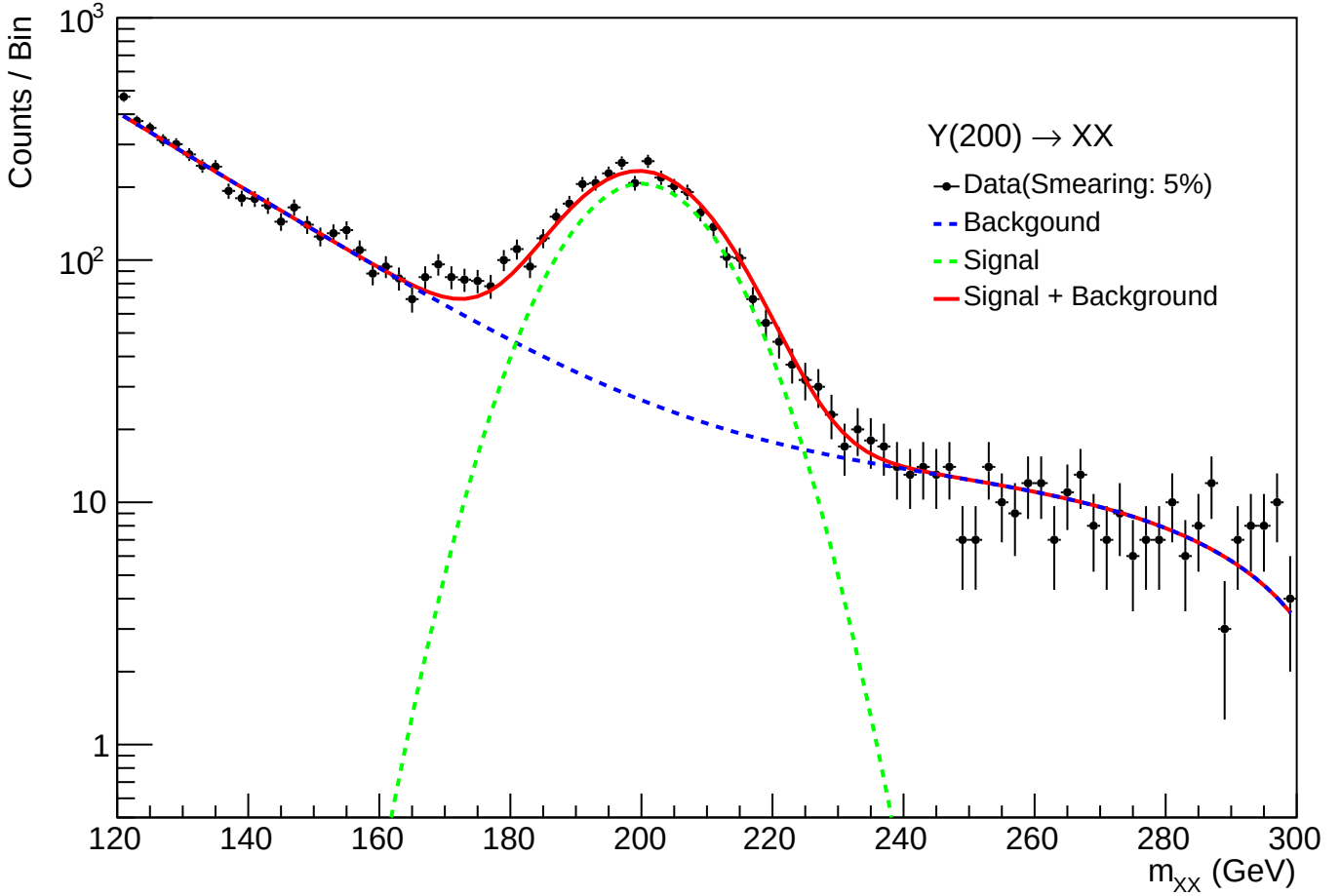
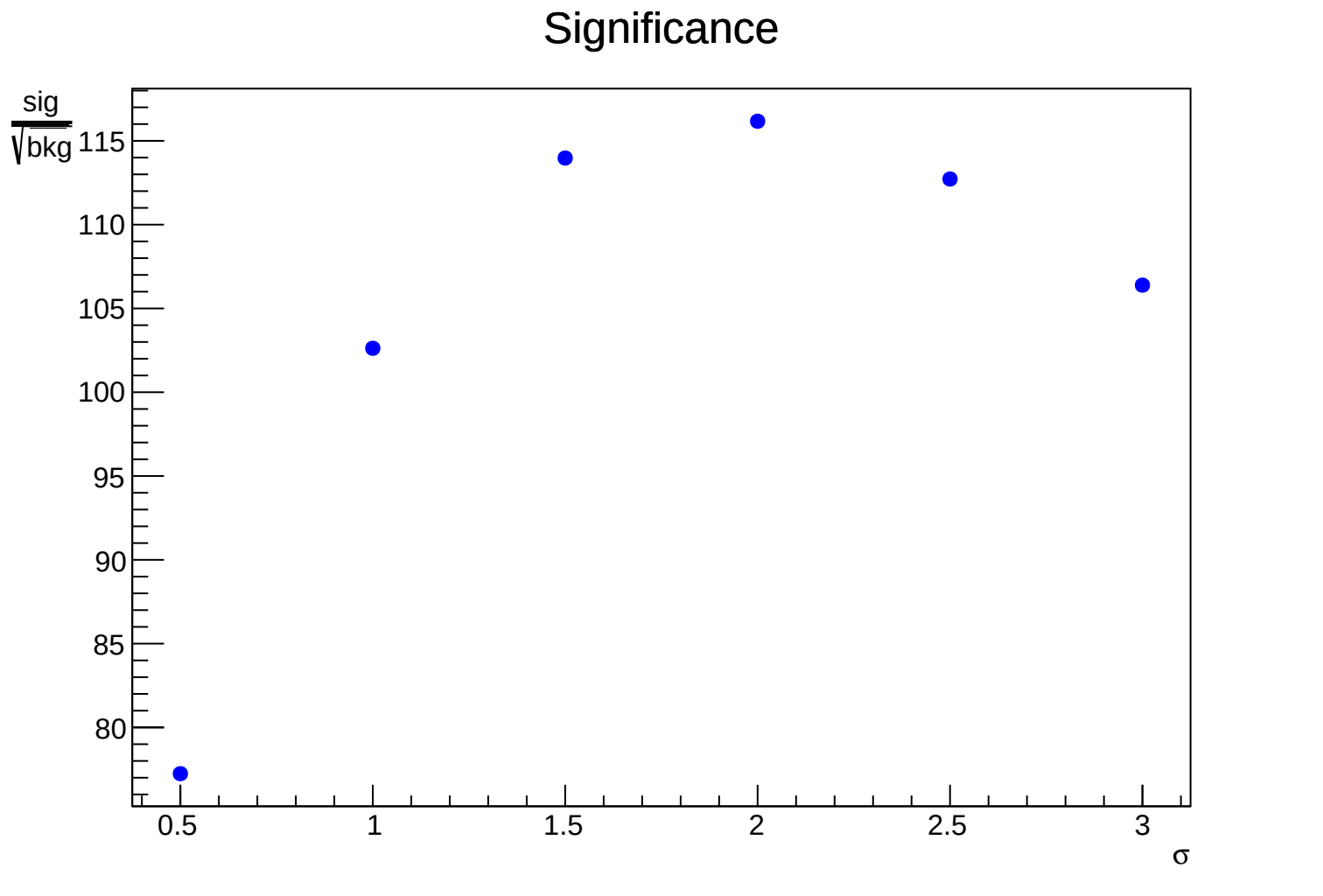

Counts / Bin
10^3
10^2
10
1
120
140
160
180
200
220
240
260
280
300
m_{XX} (GeV)
Y(200) → XX
Data(Smearing: 5%)
Backgound
Signal
Signal + Background


Significance
sig
√bkg
115
110
105
100
95
90
85
80
0.5
1
1.5
2
2.5
3
σ

Fit Report

μ: 200.00±0.00

σ: 11.00±0.24

NDF: 88.00

x^2: 106.66

x^2/NDF: 1.21