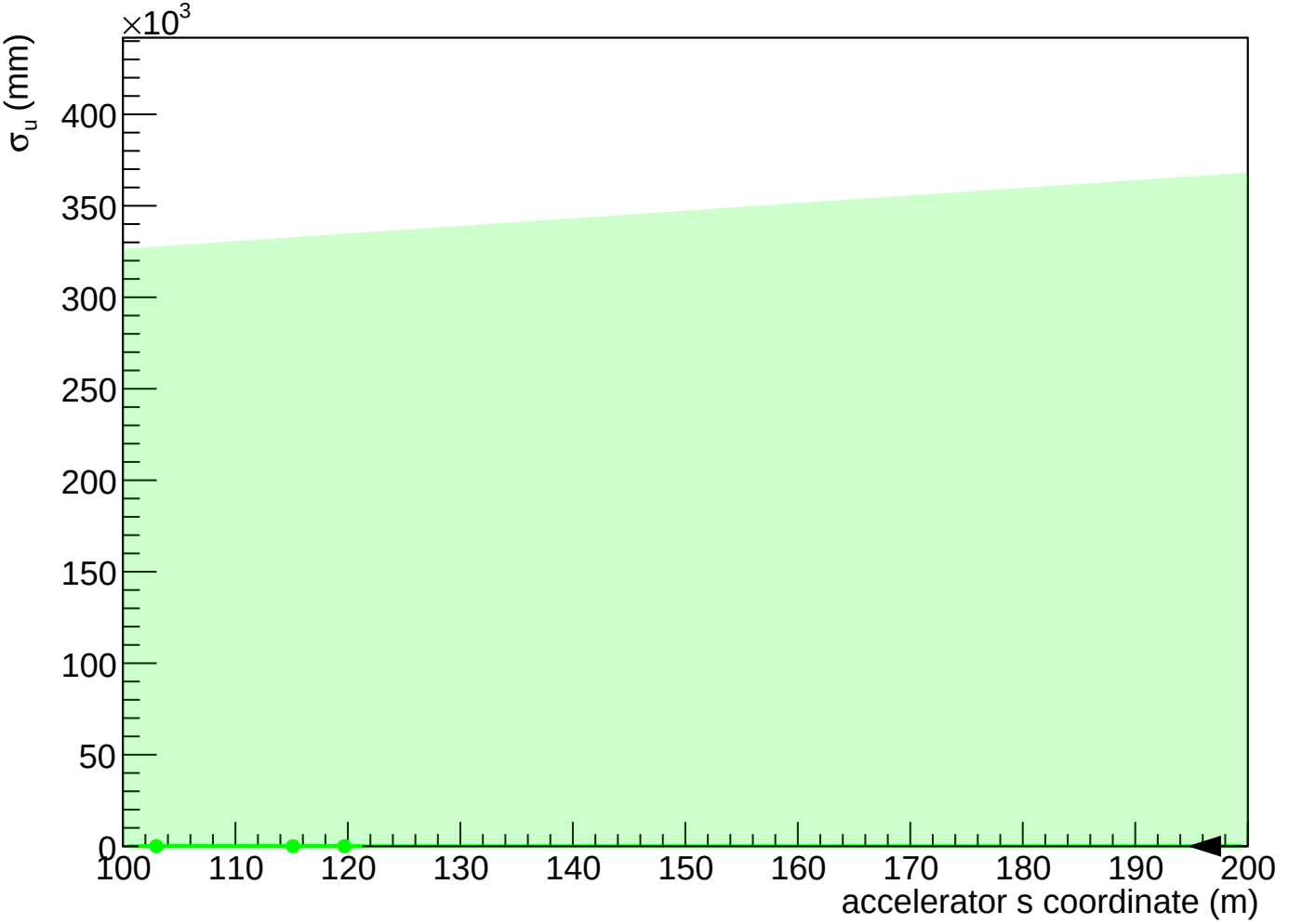

×10^3
σ_u (mm)
400
350
300
250
200
150
100
50
0
100
110
120
130
140
150
160
170
180
190
200
accelerator s coordinate (m)