Interaction probability

Interaction probability for dx=0.1, X_0=10	
Entries	1000000
Mean	10.04
RMS	9.992
χ^2 / ndf	701 / 198
Constant	10.81 ± 0.00
Slope	-0.0994 ± 0.0001

Probability [arbitrary units]

Distance travelled before interaction [cm]