x/xj = 0.9 0.8 0.7 0.6 0.5 0.4 0.3 0.2 0.1 0

1E+21
1E+20
1E+19
1E+18
1E+17
1E+16
1E+15

Surface Concentration (cm^{-3})

n-type Gaussian
Nback = 10^{15} cm^{-3}

0.01 0.1 1 10 100 1000 10000

Average Conductivitv. σ $(ohm\ cm)^{-1}$