The graph shows the relationship between Surface Concentration (cm$^{-3}$) and Average Conductivity ($\sigma$ (ohm cm)$^{-1}$) for a p-type Gaussian with $N_{back} = 10^{17}$ cm$^{-3}$. The x-axis represents varying values of $x/x_j$ from 0.1 to 1, and the y-axis represents surface concentration values from $10^{17}$ to $10^{21}$ cm$^{-3}$. The graph is used to estimate average conductivity based on surface concentration for materials with a particular doping profile.