CNTFET

45 nm node, $A=10.0 \text{ fm}^2$, $H_{\text{sub}} = 500 \text{ nm}$

45 nm node, $A=10.0 \text{ fm}^2$, $H_{\text{sub}} = 100 \text{ nm}$

- Cutoff Frequency (GHz)
- Length of Interconnect ($\mu$m)

Graph showing the relationship between cutoff frequency and length of interconnect for two different node configurations.