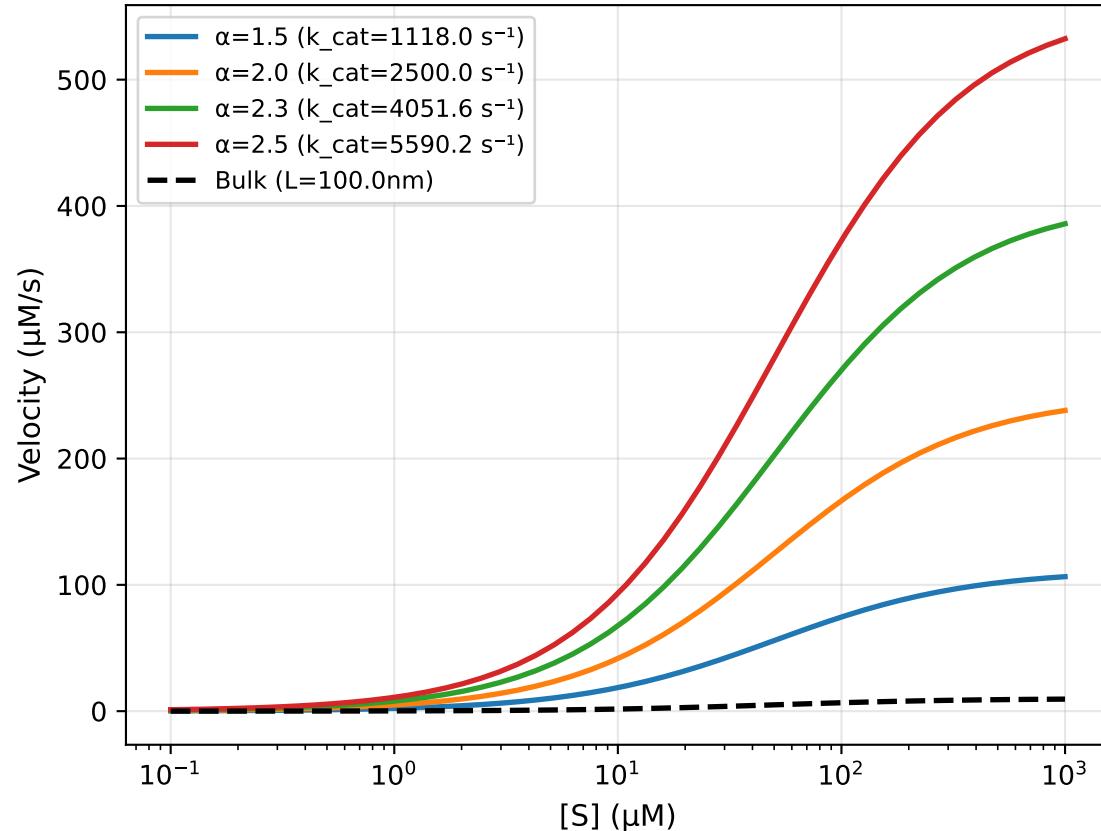
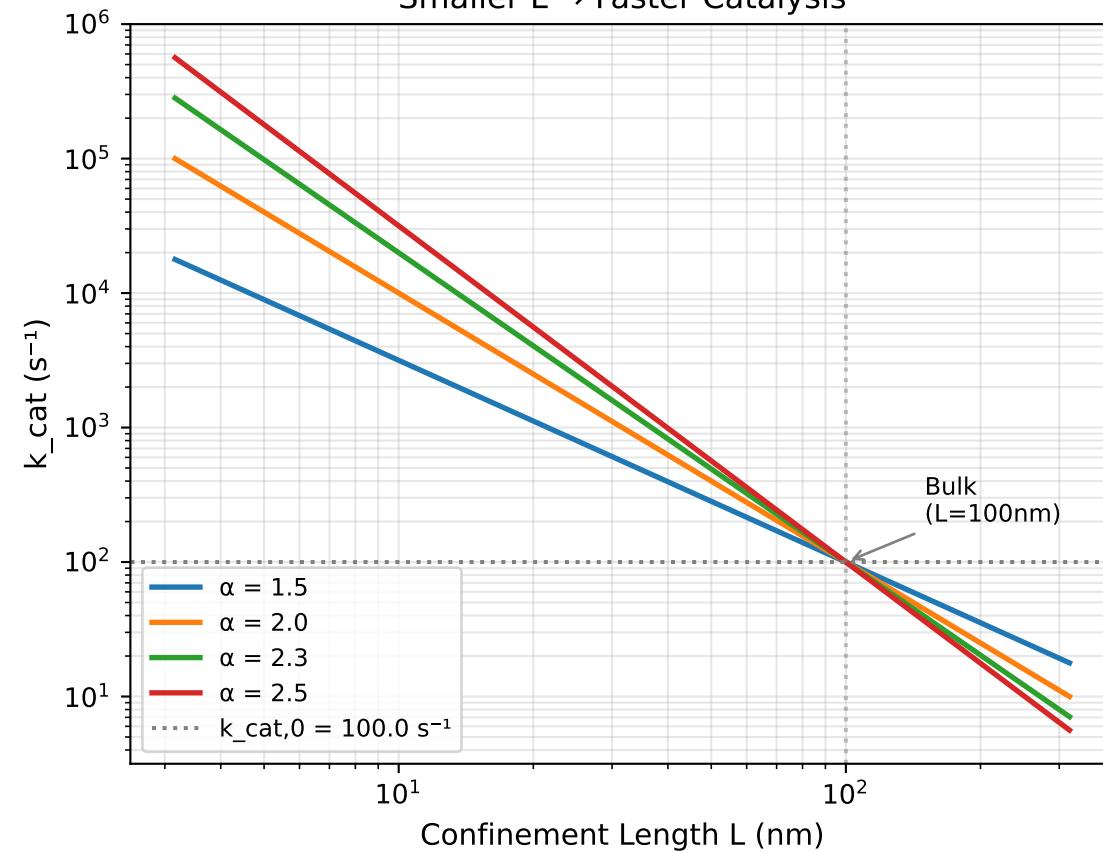


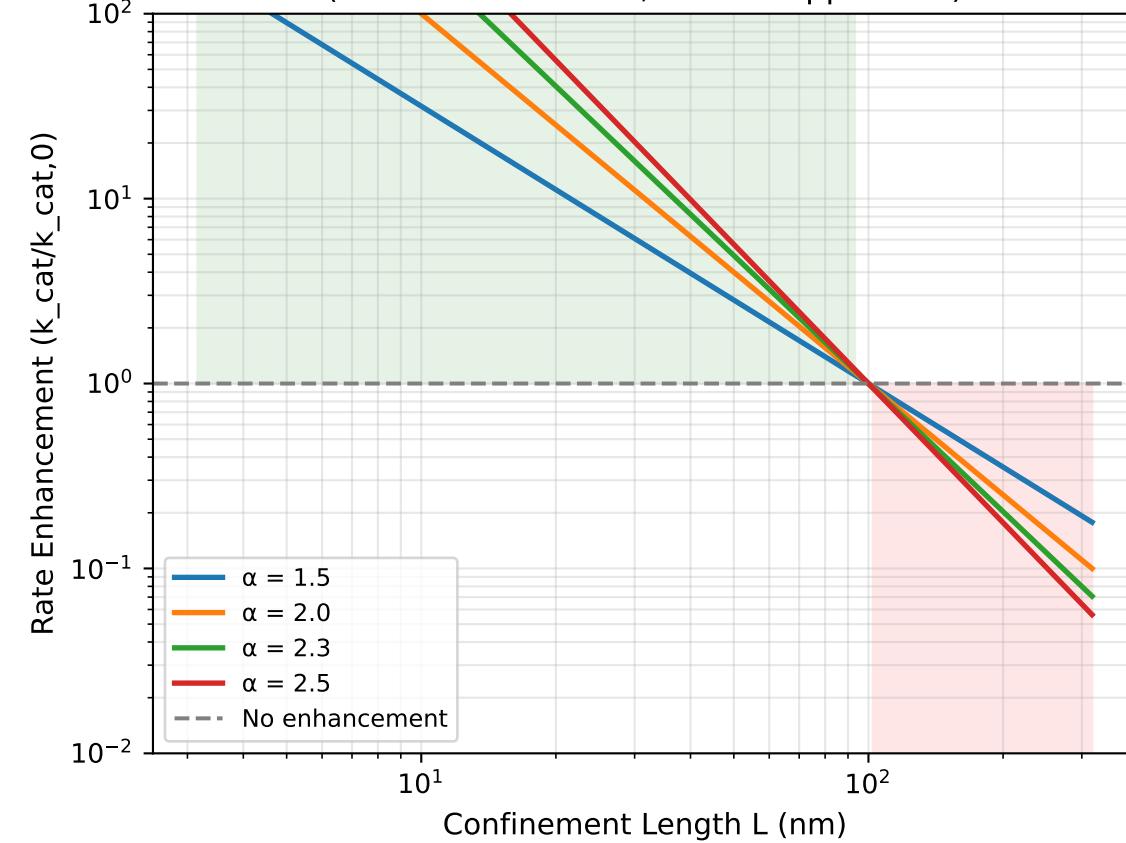
Michaelis-Menten Curves at L=20nm
(Different α values)



RTM Scaling: $k_{\text{cat}} \propto L^{(-\alpha)}$
Smaller L \rightarrow Faster Catalysis



Catalytic Enhancement by Confinement
(Green = enhanced, Red = suppressed)



Simulated Experimental Data ($\alpha_{\text{true}} = 2.2$)
Confinement Effect on Kinetics

