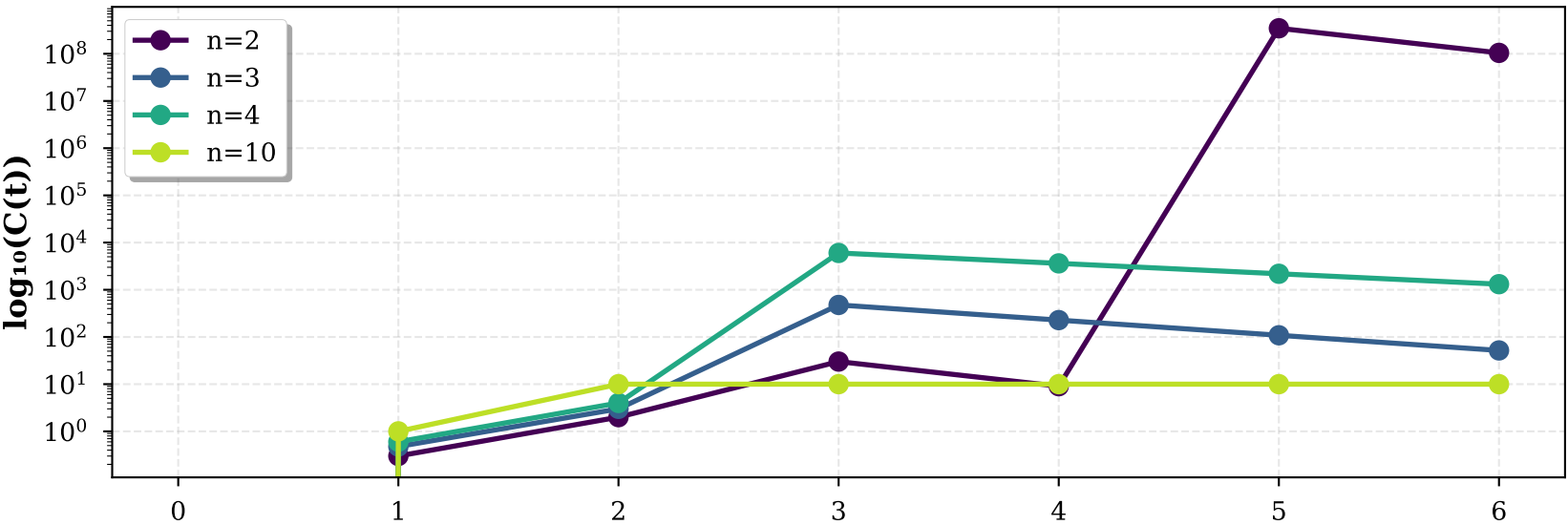
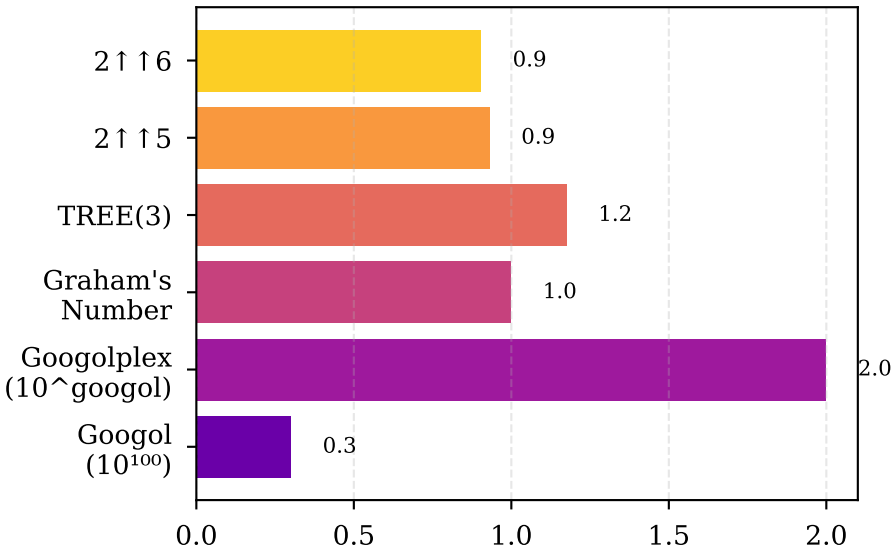


Categorical Dynamics: Tetration Growth and Physical Predictions

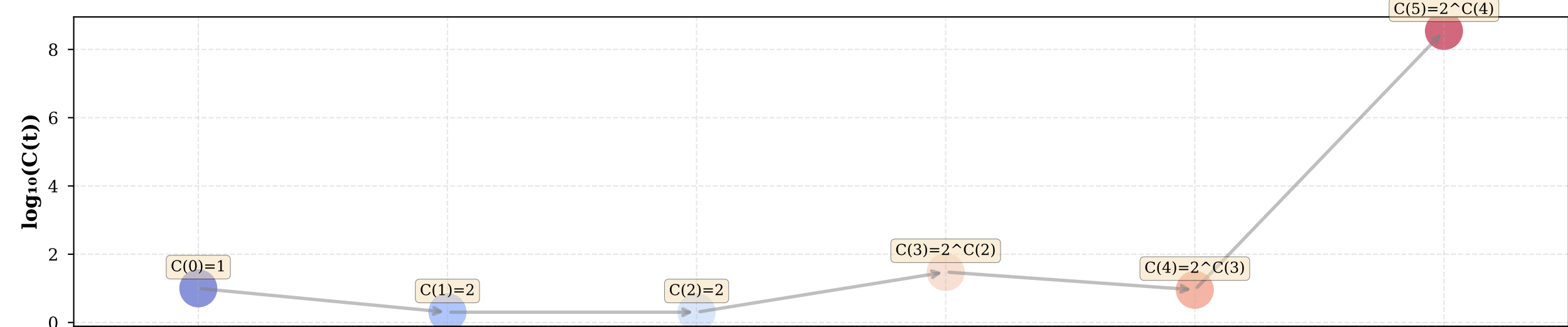
A. Tetration Growth: $C(t) = n \uparrow \uparrow t$



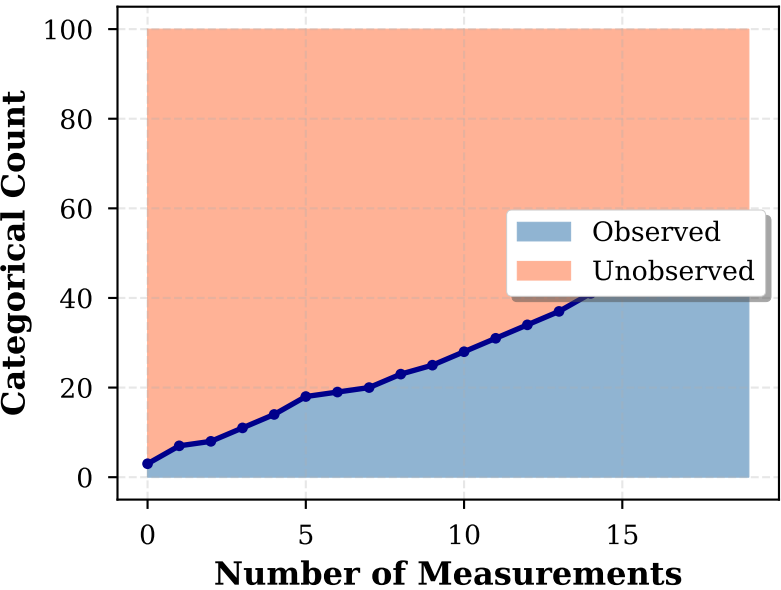
B. Comparison with Known Large Numbers



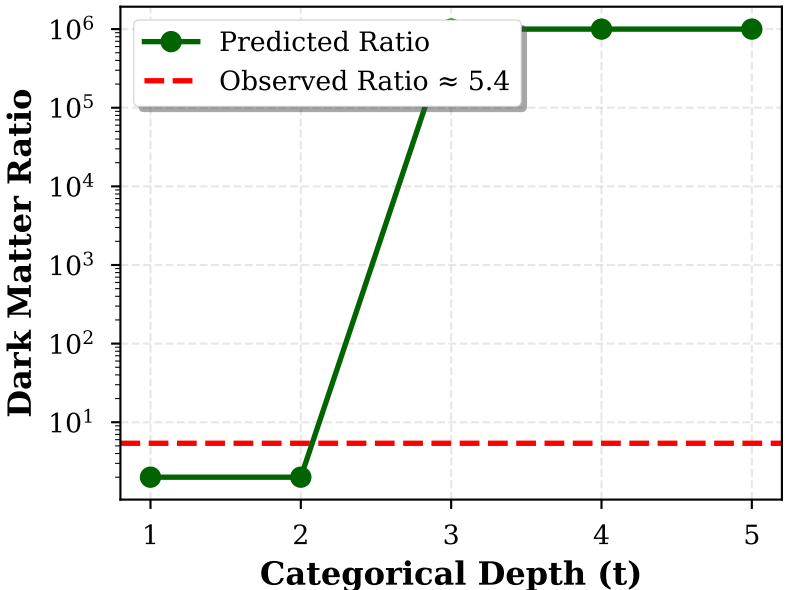
C. Recursive Structure: $C(t+1) = n^{C(t)}$



D. Observer-Dependent Categorical Horizon



E. Dark Matter Ratio: $C(t)/C_{t-1}$



F. Entropy Growth: $S \propto \ln(C(t))$

