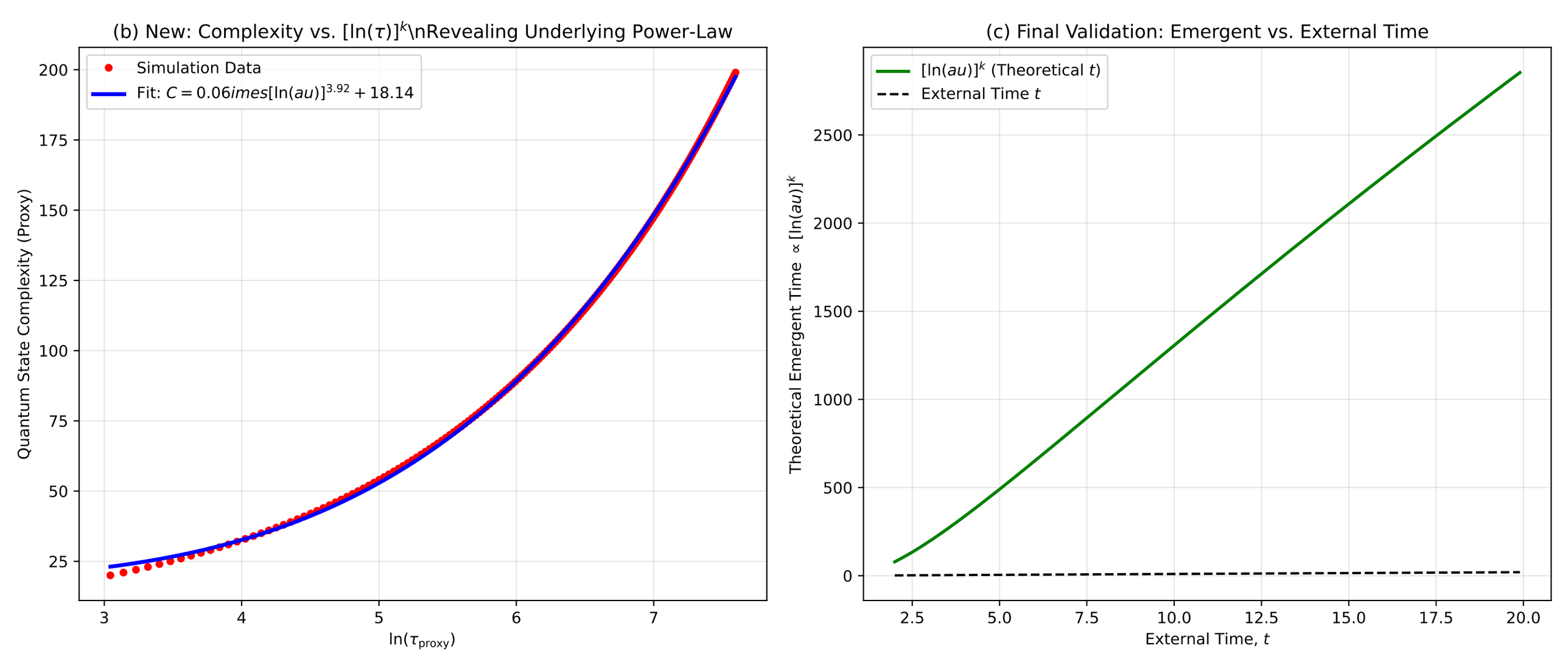
(b) New: Complexity vs. [ln(τ)]^k\nRevealing Underlying Power-Law
Simulation Data
Fit: C = 0.06imes[ln(au)]^3.92 + 18.14
Quantum State Complexity (Proxy)
ln(τ_proxy)
(c) Final Validation: Emergent vs. External Time
[ln(au)]^k (Theoretical t)
External Time t
Theoretical Emergent Time ∝ [ln(au)]^k
External Time, t