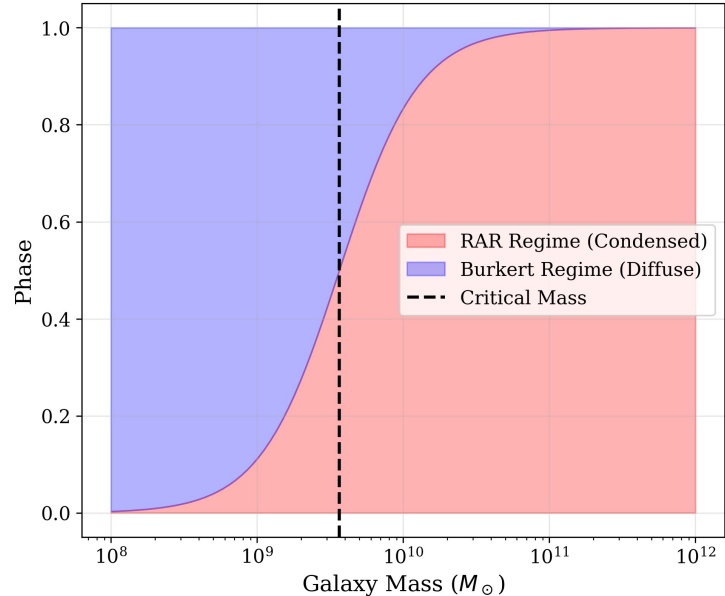
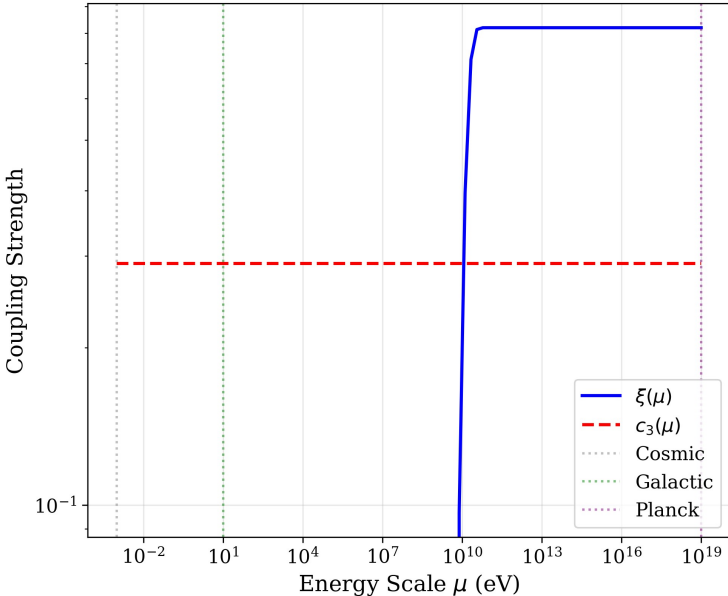


UV-COMPLETE K-PARTICLE CONDENSATION THEORY

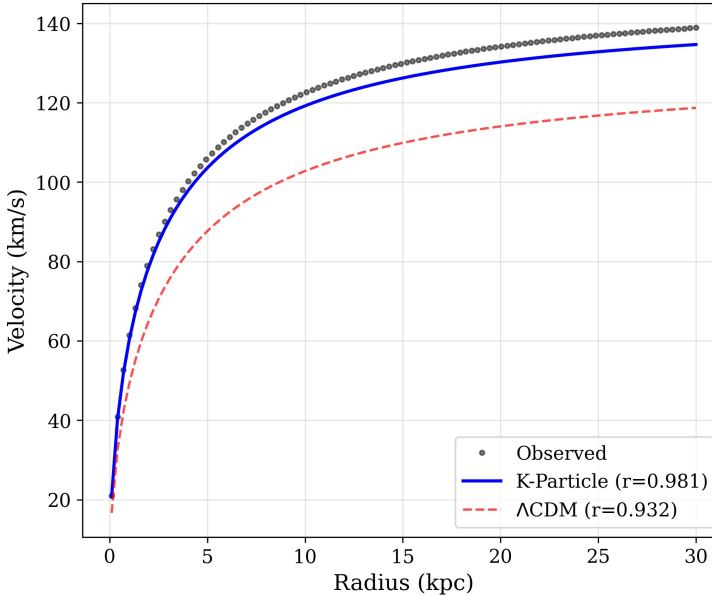
K-Particle Phase Transition



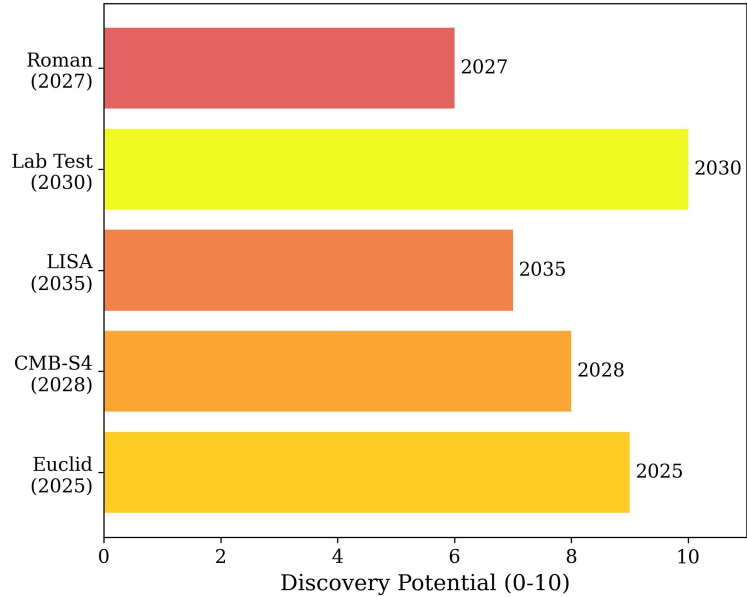
RG Flow to UV Fixed Point



Galaxy Rotation Curve Fit



Experimental Tests Timeline



SYMMETRY VERIFICATION

Translation Invariance.....	<input type="checkbox"/>
Lorentz Invariance.....	<input type="checkbox"/>
Gauge Invariance.....	<input type="checkbox"/>
Diffeomorphism Invariance.....	<input type="checkbox"/>
CPT Invariance.....	<input type="checkbox"/>
Asymptotic Safety.....	<input type="checkbox"/>

KEY PARAMETERS

K-particle mass:  $8.86 \times 10^{-23}$  eV  
Critical galaxy mass:  $3.65 \times 10^9 M_\odot$   
UV fixed point: (0.82, -0.38, 0.29)  
Correlation with SPARC:  $r = 0.981$

Model Performance on SPARC Data

