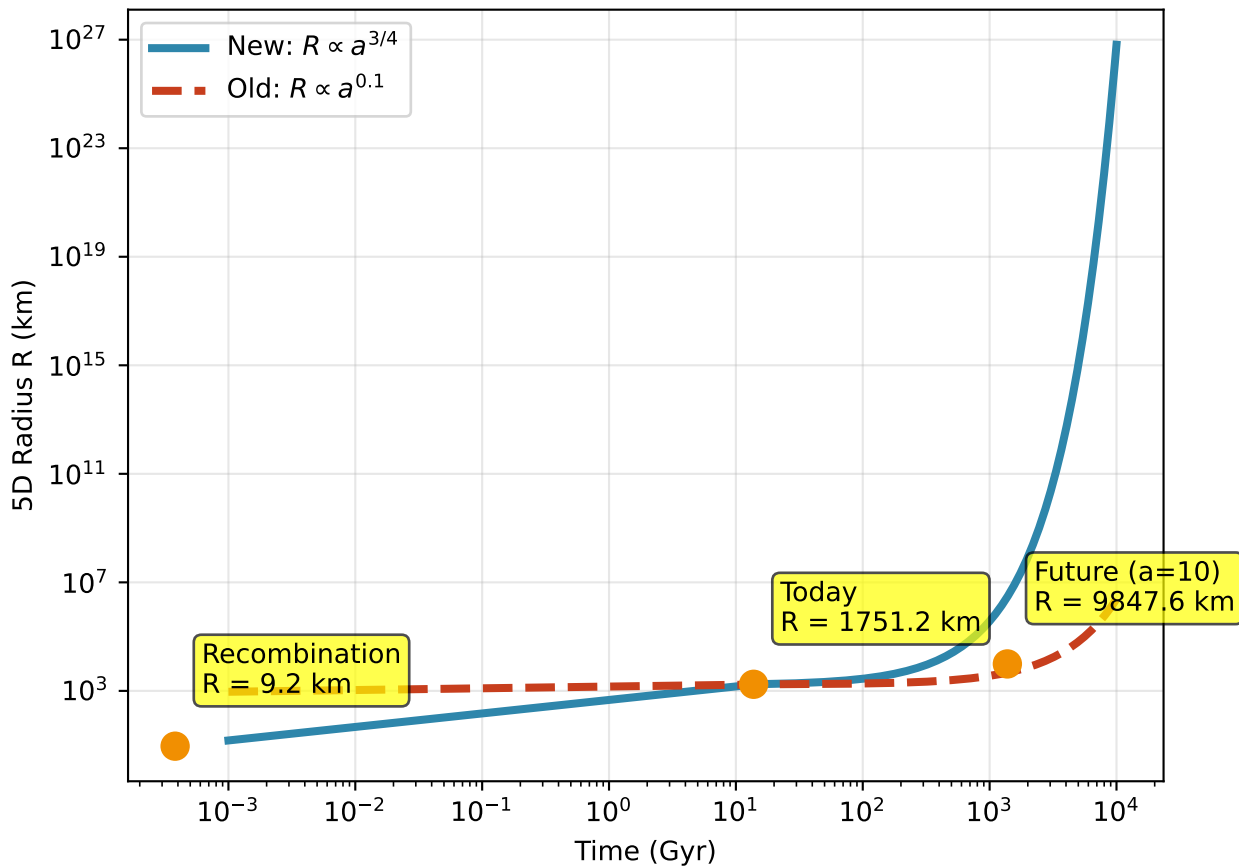


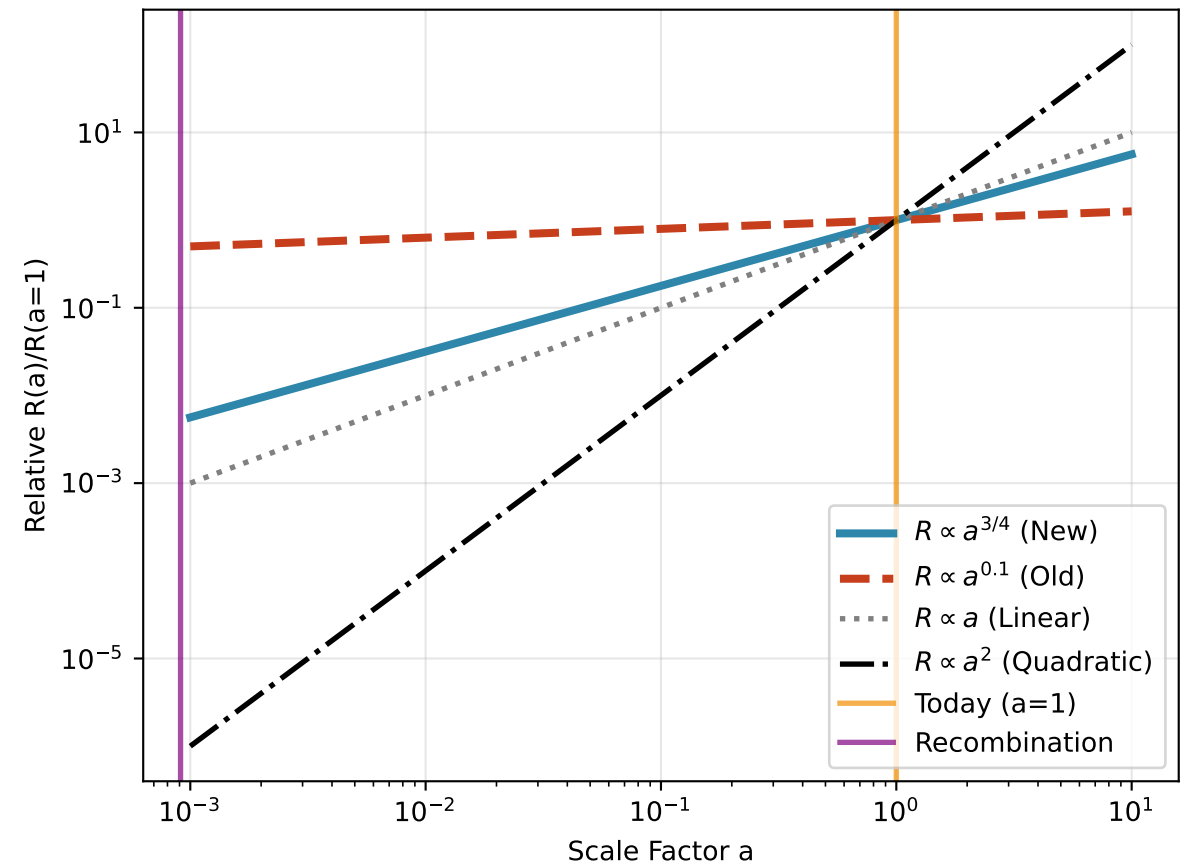
Cosmological Evolution of Fifth Dimension

New Model: $R(t) \propto a(t)^{3/4}$ vs Old Model: $R(t) \propto a(t)^{0.1}$

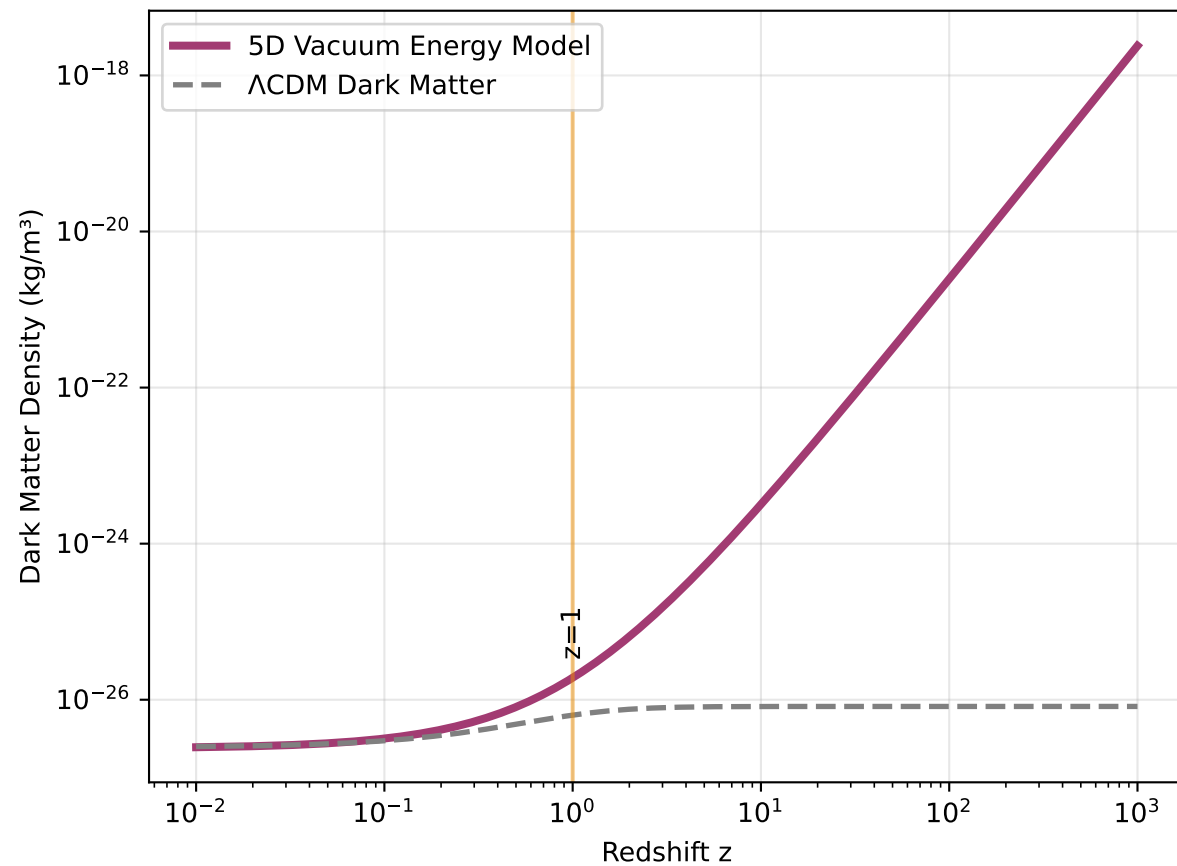
Panel A: Fifth Dimension Evolution with Cosmic Time



Panel B: Evolution Law Comparison Different Power Laws



Panel C: Dark Matter Density Evolution 5D Model vs Λ CDM



Panel D: Cosmic Habitability Window $R \in [1000, 2000]$ km

