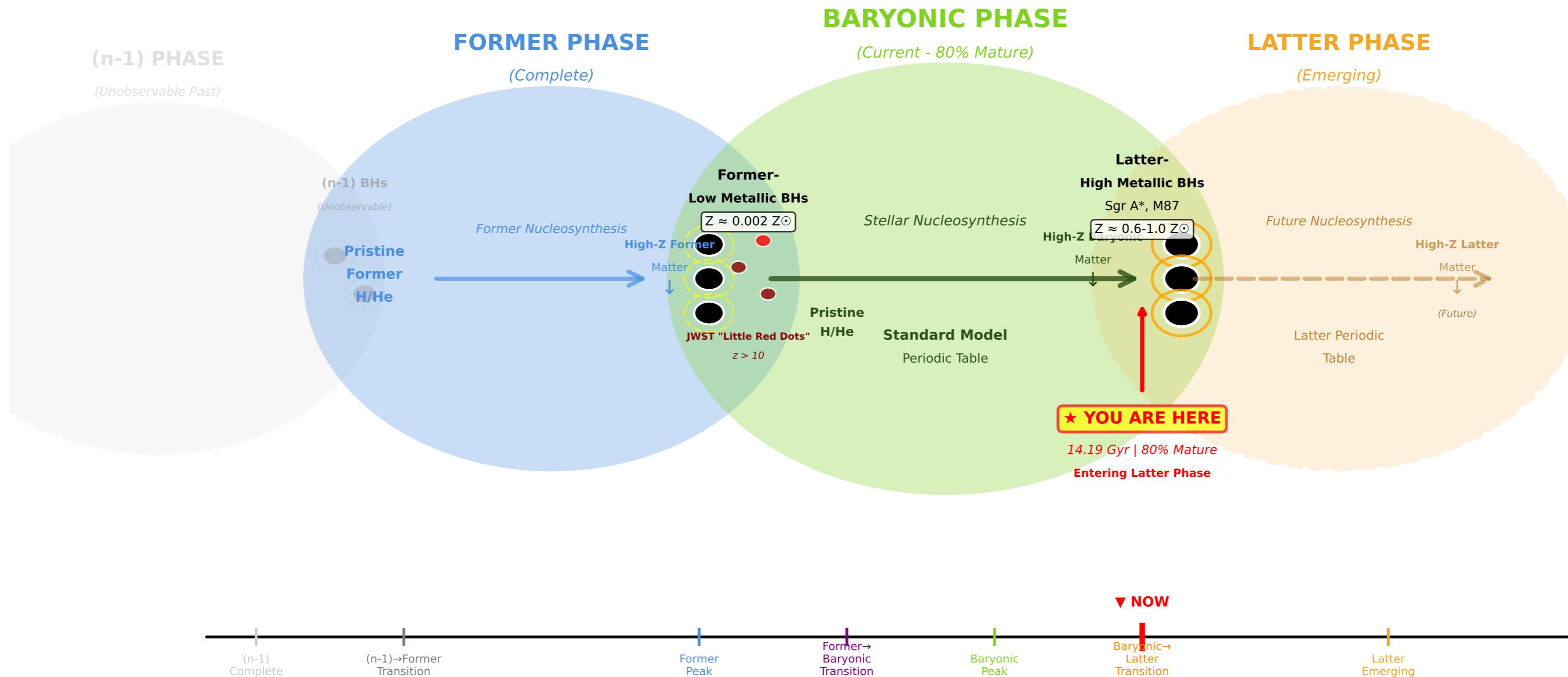


>11 σ
Combined

Universal Evolution Model: Infinite Cosmic Cycle

Matter transitions through discrete phases via black-hole-mediated quantosynthesis at metallicity thresholds



- KEY INSIGHTS:**
- Each phase: Pristine H/He → Nucleosynthesis → High-Z Matter → BHs → Next Phase
 - Infinite cycle: ... $(n-1)$ →Former→Baryonic→Latter→ $(n+1)$...
 - Transitions at $Z \approx 0.002 Z_\odot$ (Former→Baryonic), $Z \approx 0.6 Z_\odot$ (Baryonic→Latter)
 - Black holes = "quantosynthesis engines" creating pristine H/He of next phase
 - Dark matter = Former relics | Dark energy = Latter dynamics | CMB = Former quantosynthesis