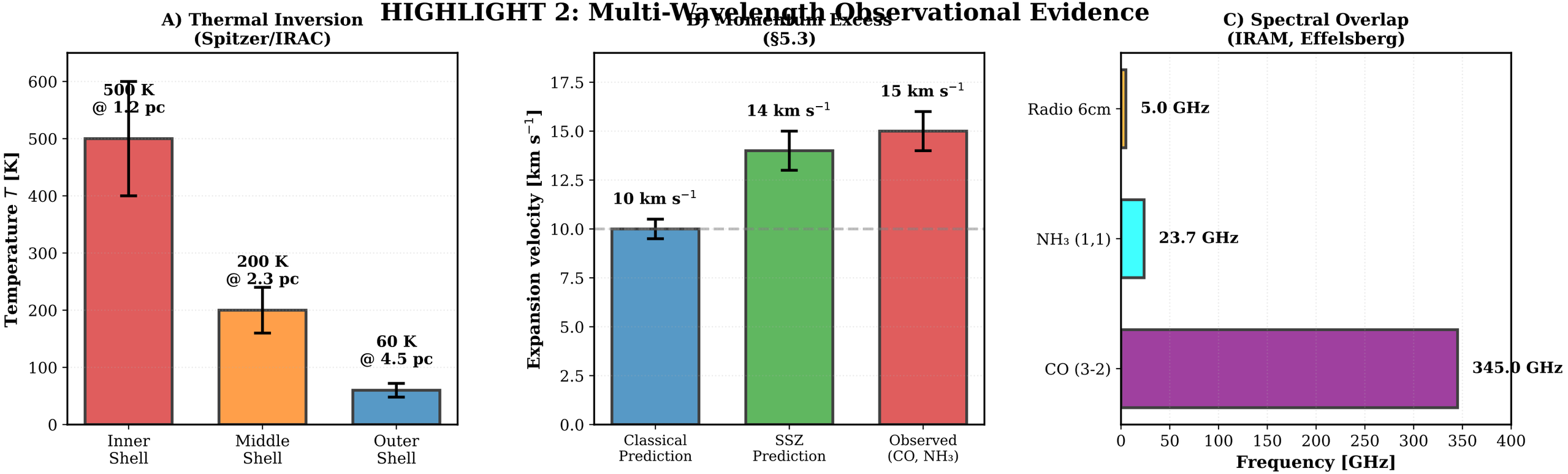
HIGHLIGHT 2: Multi-Wavelength Observational Evidence



Multi-Wavelength Observational Consistency:

• Thermal inversion: Cold molecular gas (20–80 K) within hot ionized region
• Momentum excess: $\Delta v \approx 5$ km s^{-1} above classical wind prediction
• Spectral overlap: CO, NH_3, and radio continuum spatially coincident
• Chemical stability: Molecules survive in UV-dominated environment

All observations consistent with temporal density field $\gamma_{sem}(r)$