Measuring energy equipartition in Globular Clusters with dynamical models
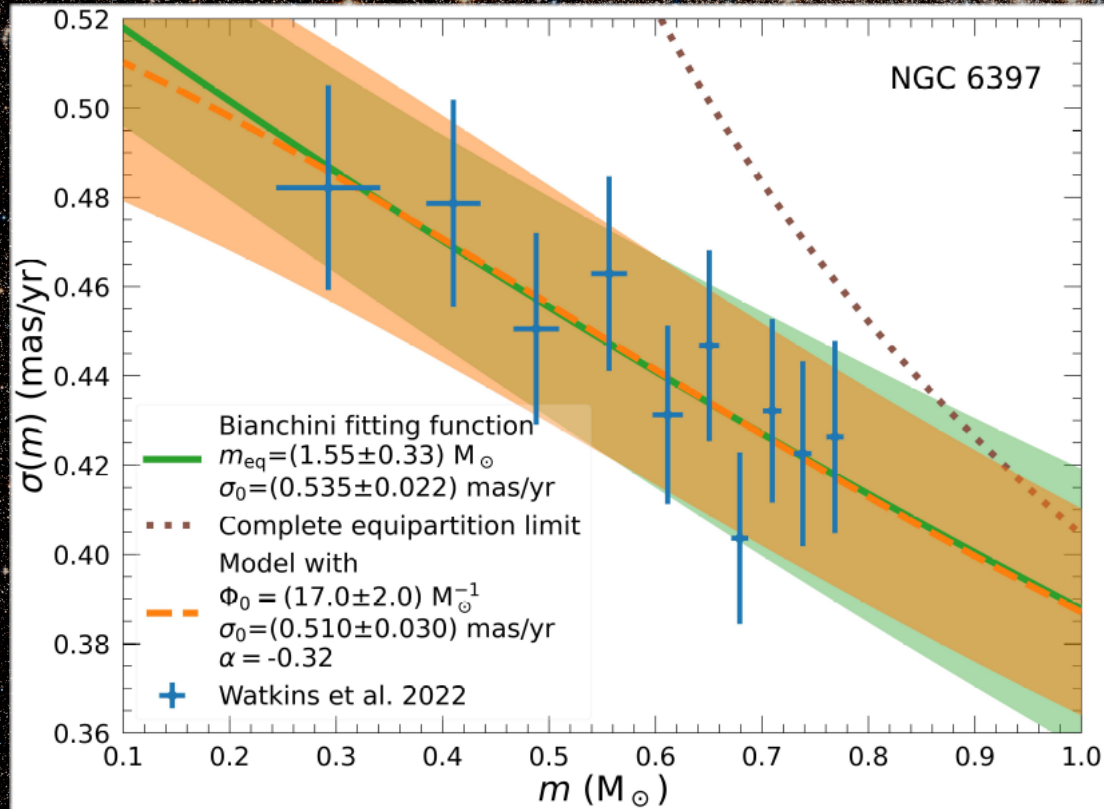
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Multi-mass King-like dynamical model

Characterization of the 7D space of positions, velocities and masses

Velocity dispersion – stellar mass relationship

The model prediction **fits HST proper motion data,** is **comparable with the Bianchini fitting function** and provides an **estimate of the energy equipartition degree** through the equilibrium parameter Φ_0 (the gravitational potential well)