

Gaia Data Release 2: Kinematics of globular clusters and dwarf galaxies around the Milky Way

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Teresa Antoja

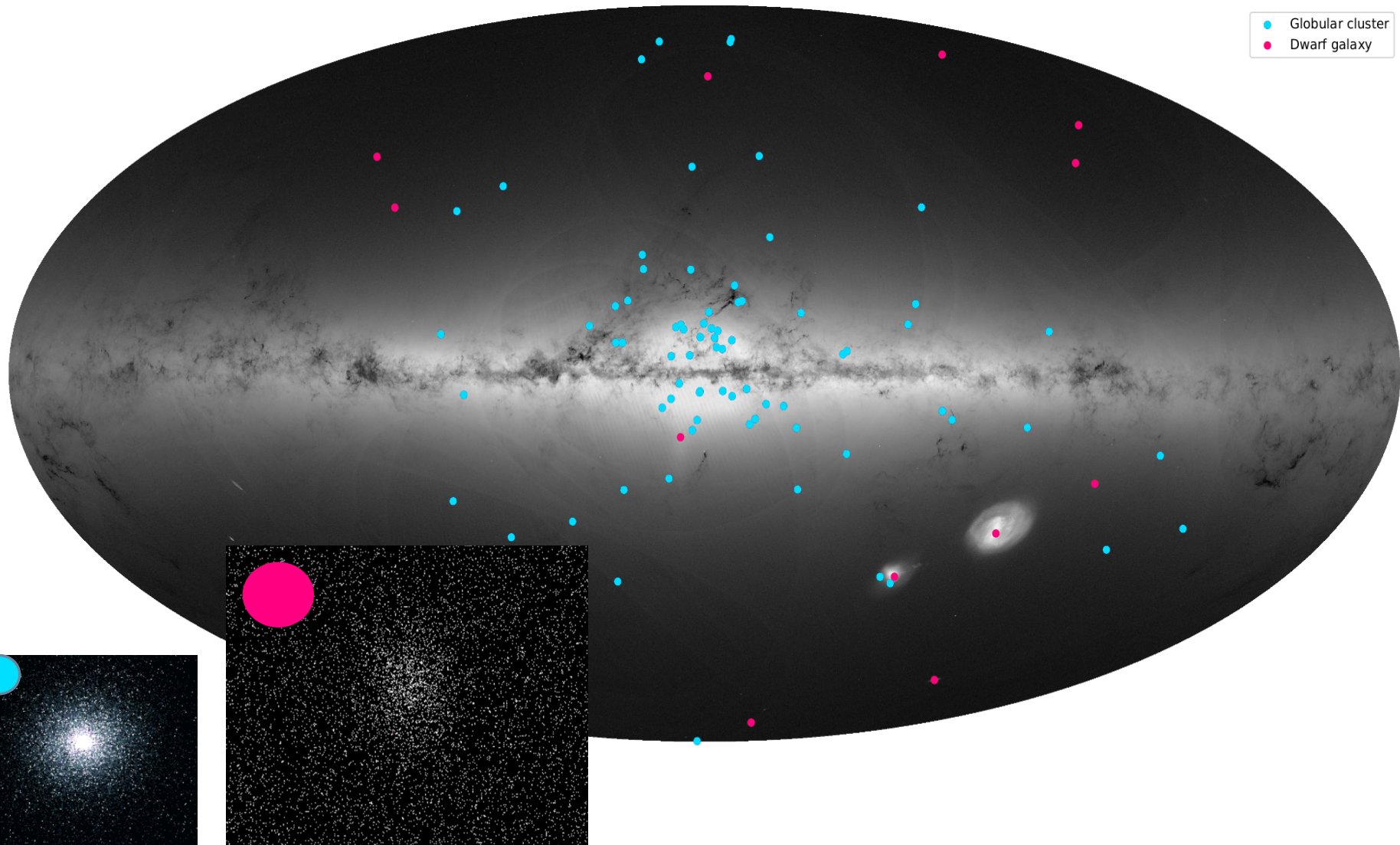
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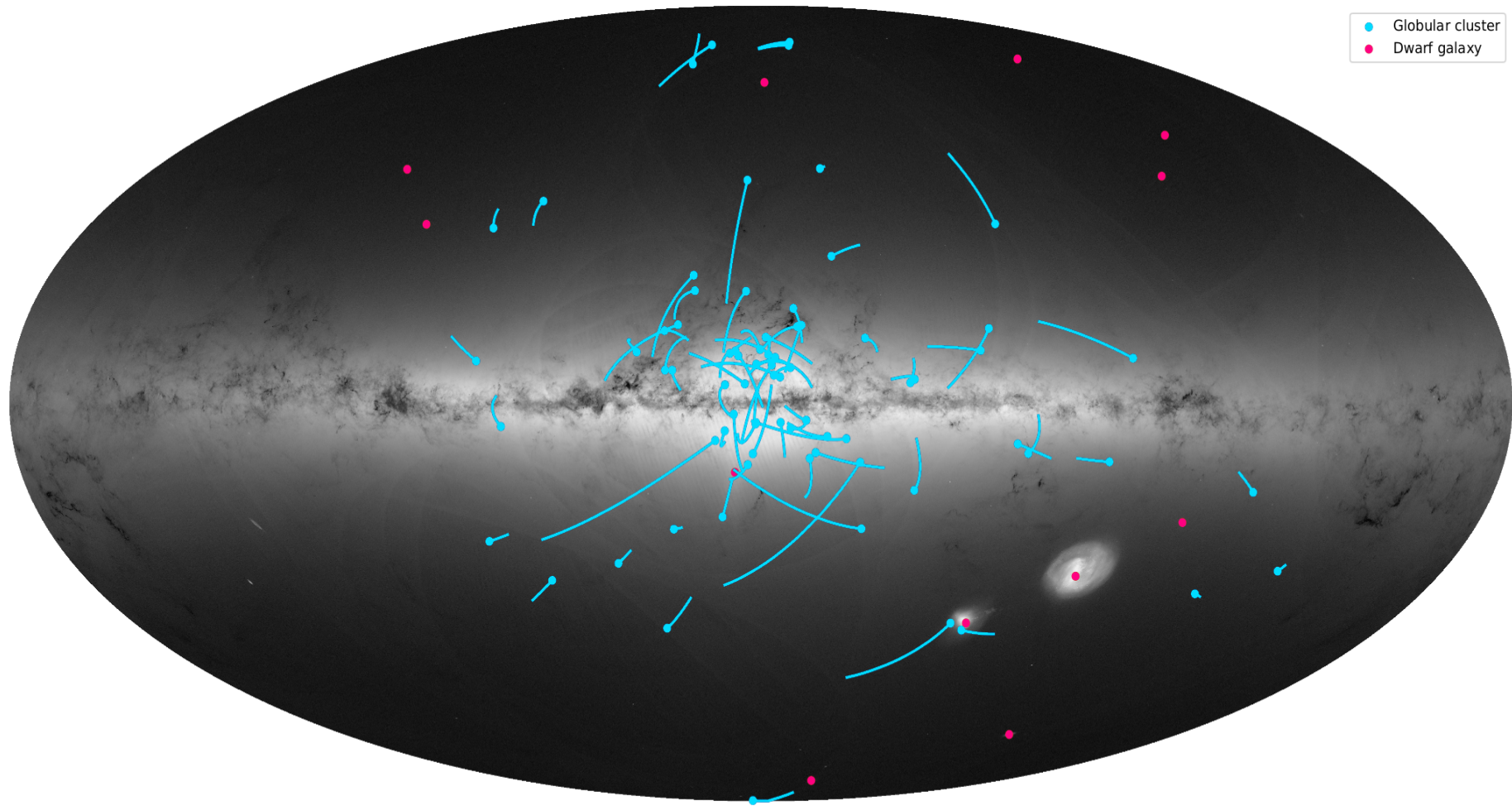


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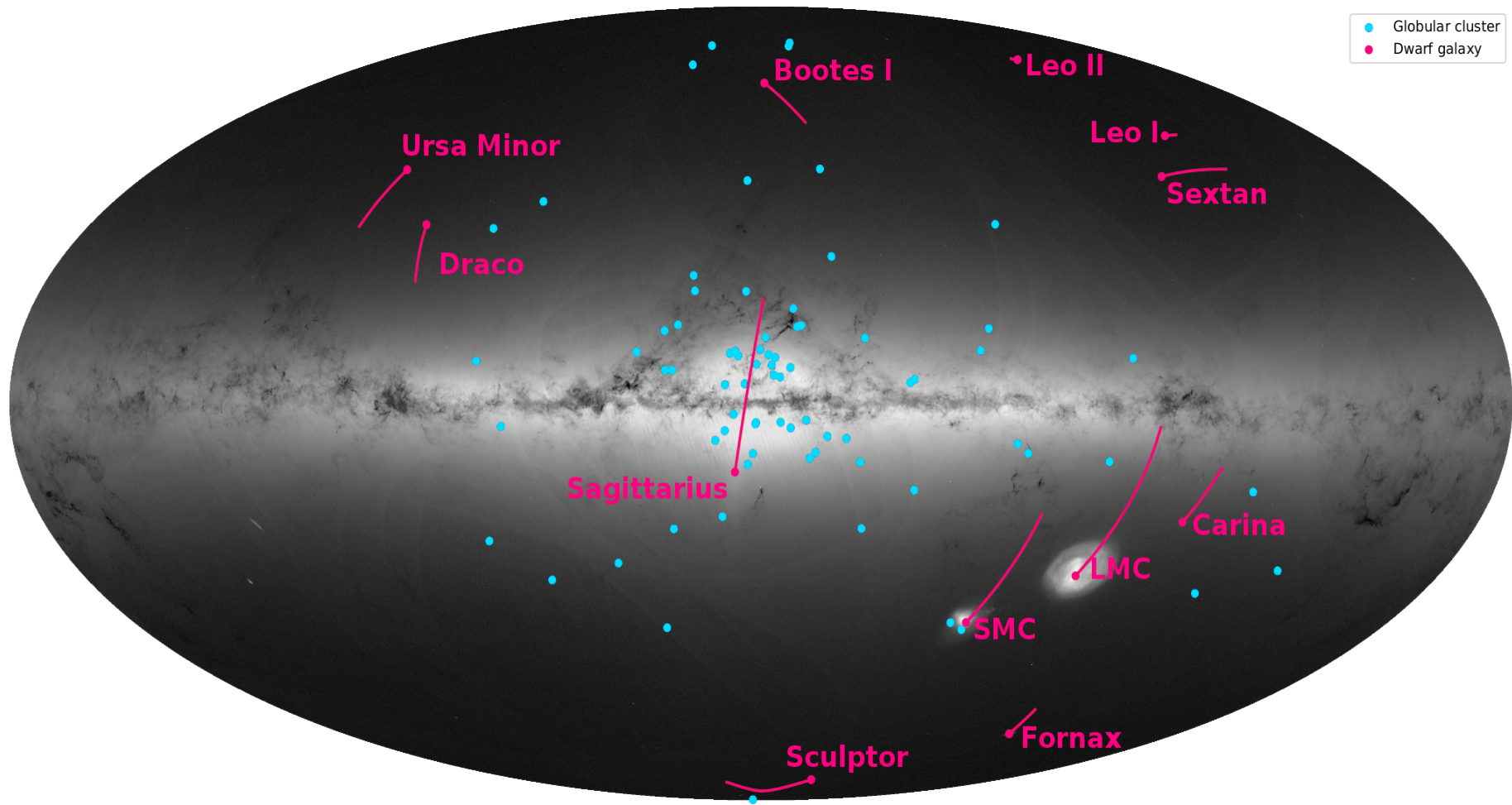
Globular clusters and dwarf galaxies



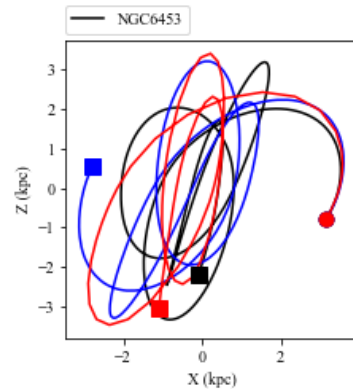
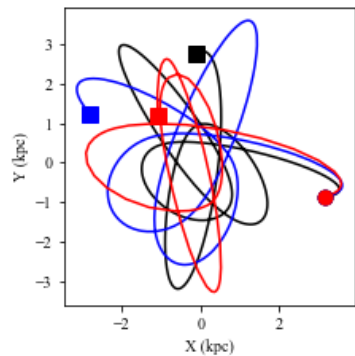
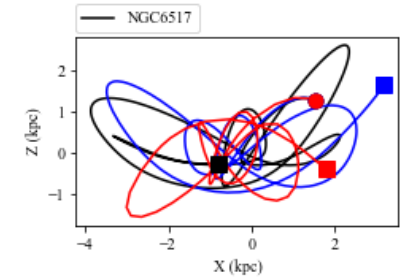
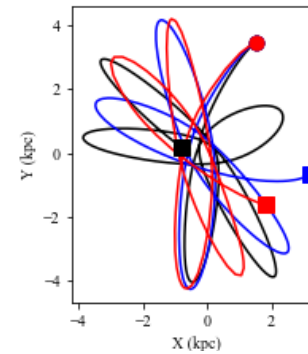
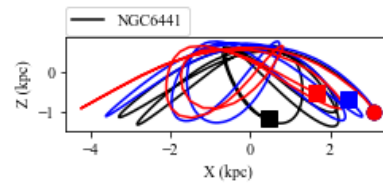
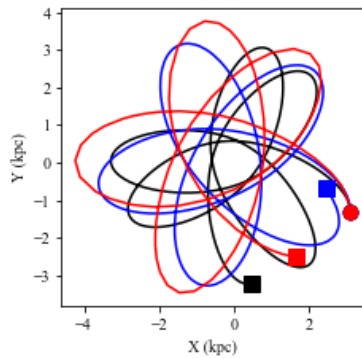
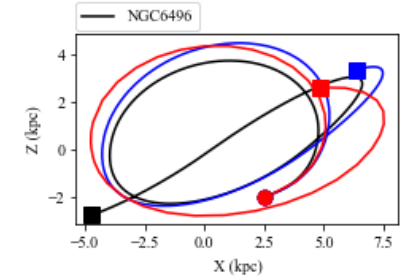
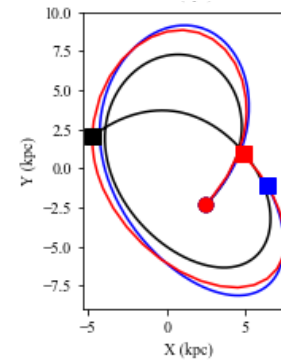
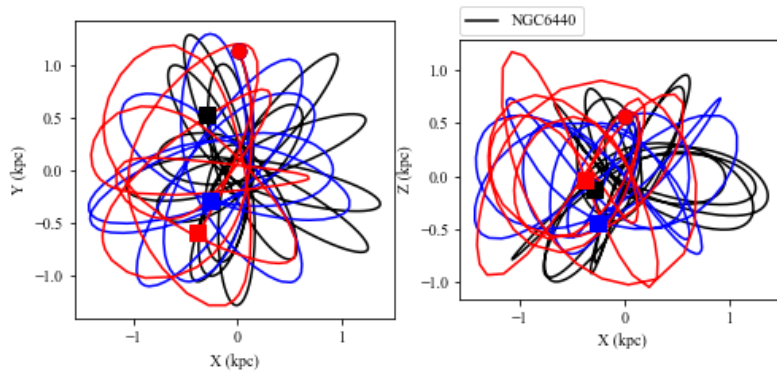
Globular clusters and dwarf galaxies



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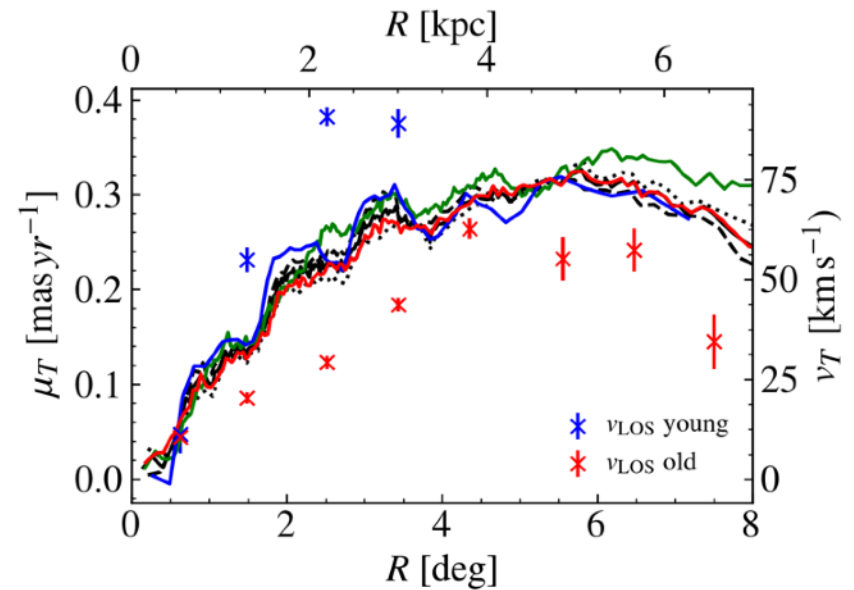
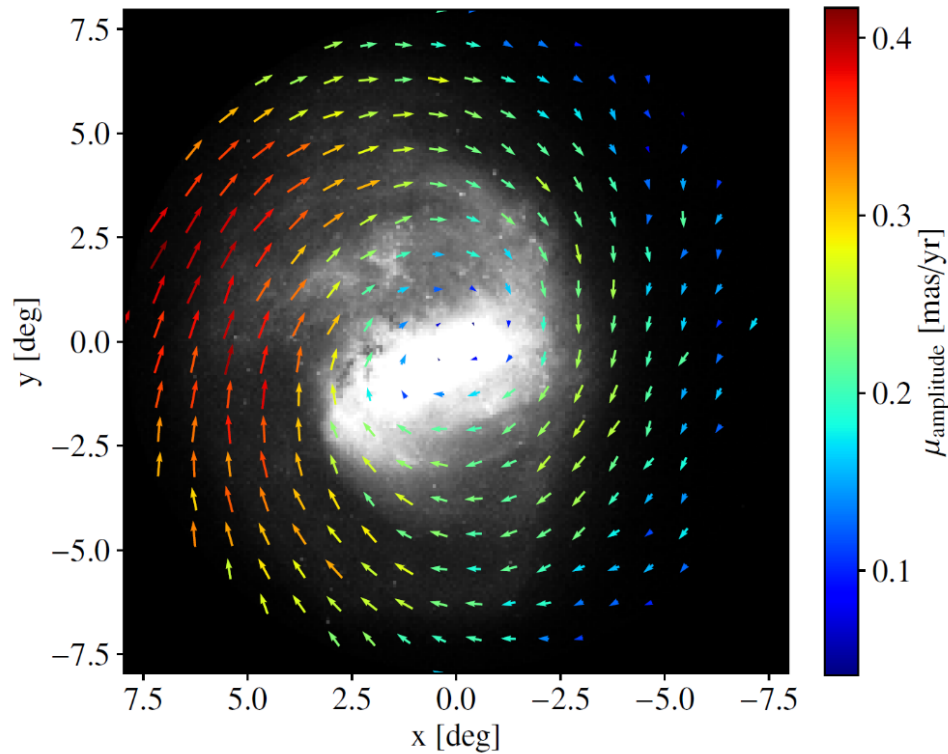


Globular clusters



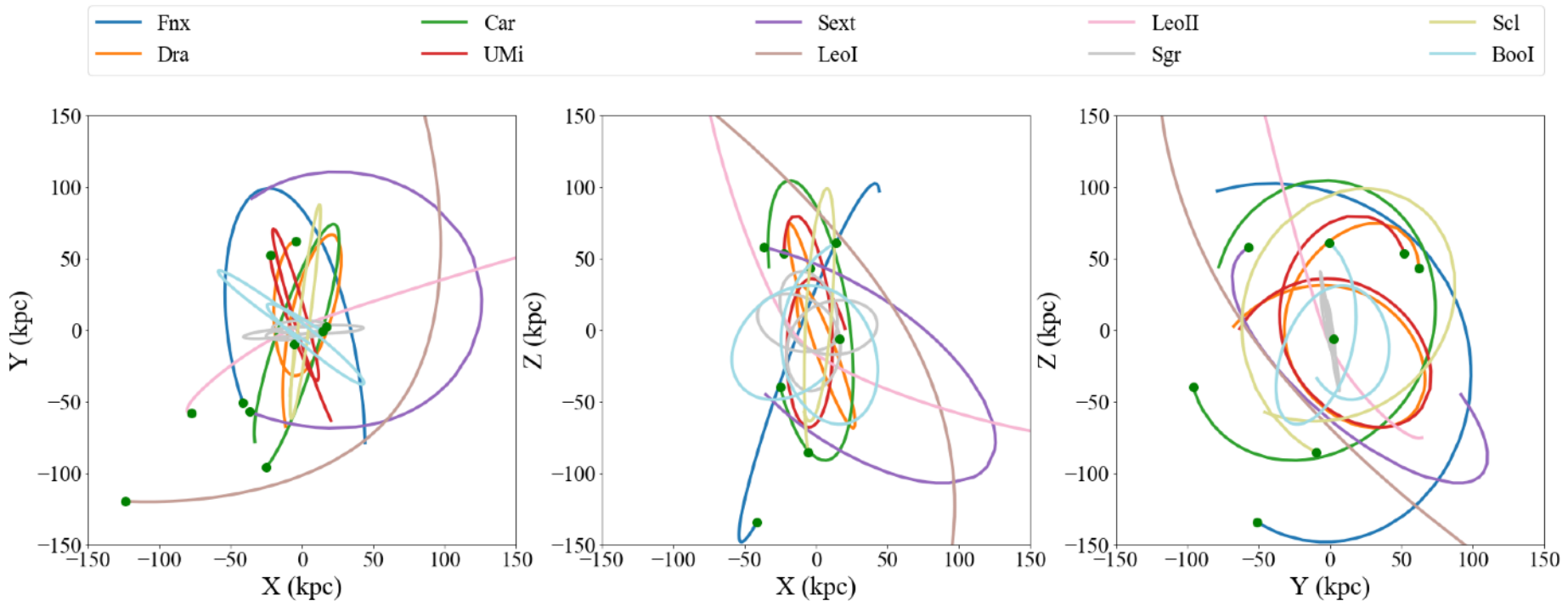
- Different models
- Predictions for tidal tails

Rotation in the Large Magellanic Clouds



- Rotation curve, inclination
- Residuals: bar?

Satellite galaxies



- High inclination orbits
- Not in a common plane, groups
- Low eccentricity
- Leo I: $9.8^{+6.7}_{-2.7} \times 10^{11} M_{\odot}$







