

MoRIA dwarf galaxies in the Fornax cluster environment

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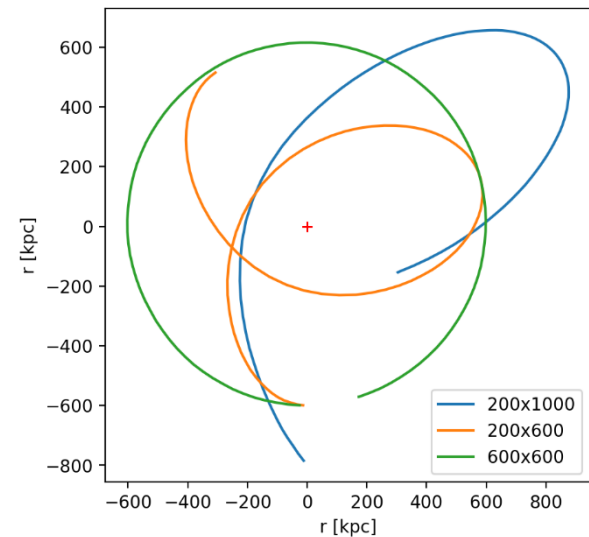
How the in-fall of a dwarf galaxy in a cluster affects its evolution?



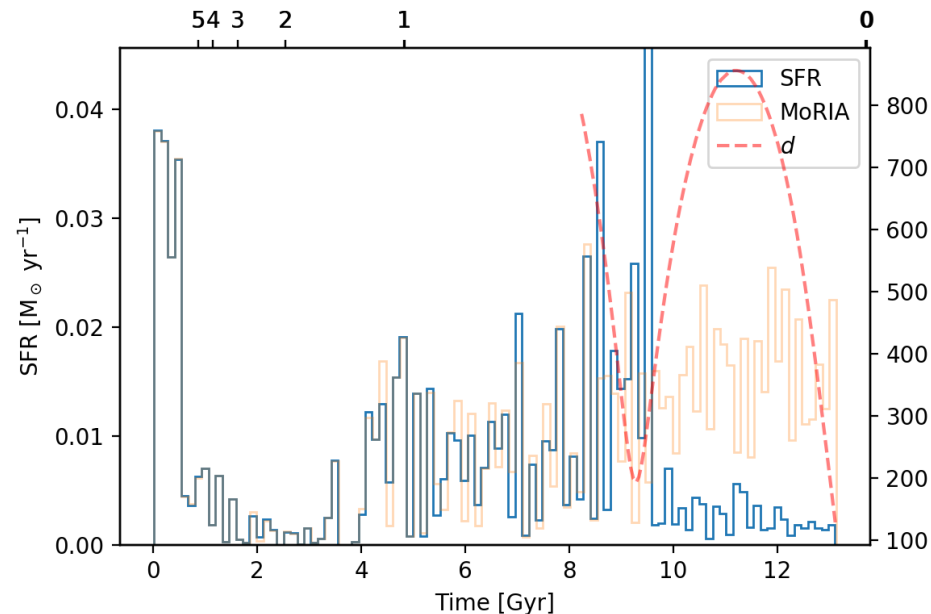
- We simulate realistic late type dwarf galaxies, including detailed sub-grid physics
- We inject dwarfs on different orbits, simulating the effects of **tidal stirring** and **ram-pressure stripping**
- We track gas distribution, star formation rate and stellar dynamics

Orbit injection

(pericenter x apocenter)



Star Formation Rate



Tidal forces + gas stripping

