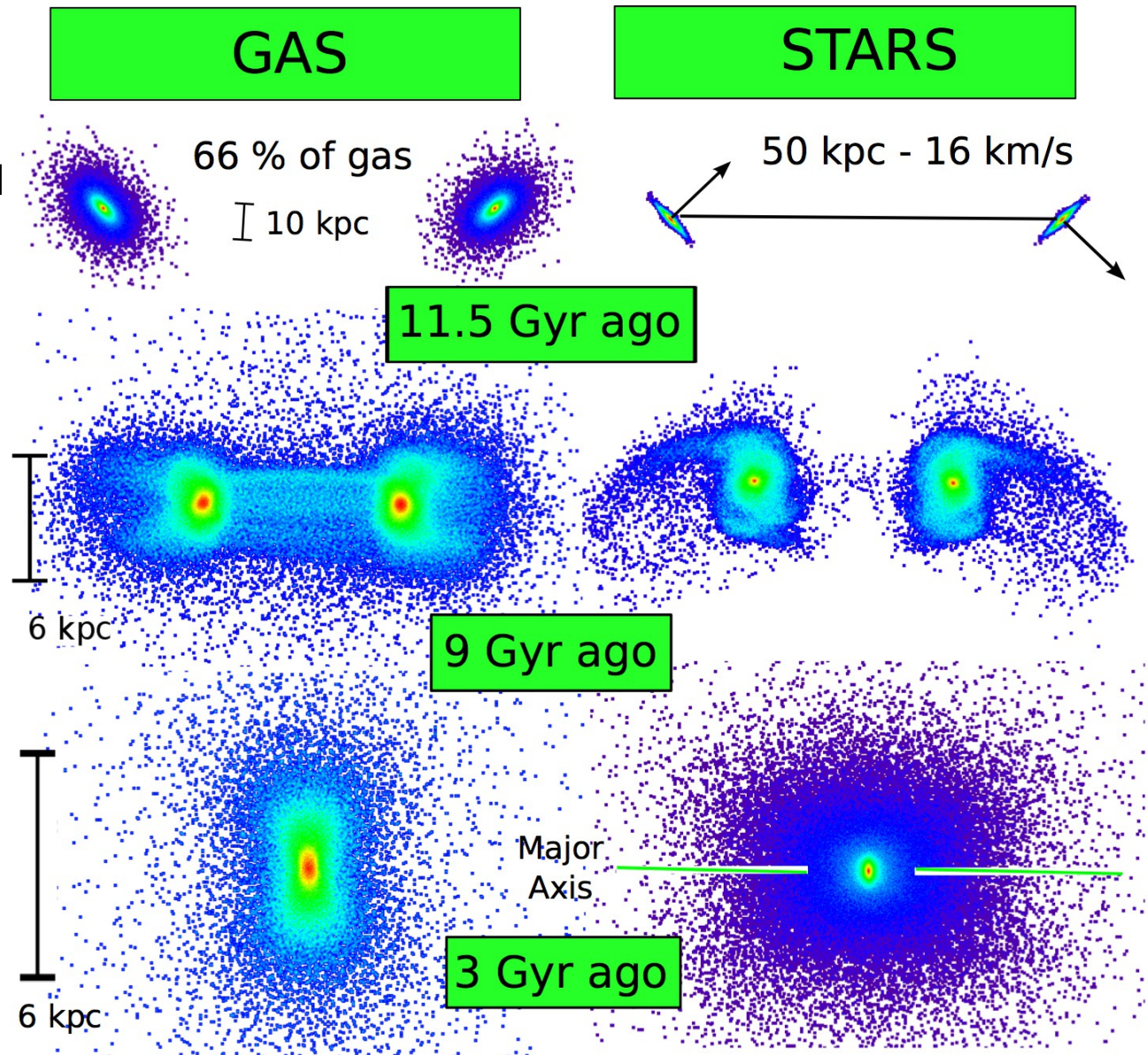


Andromeda II as the result of a gas-rich major merger

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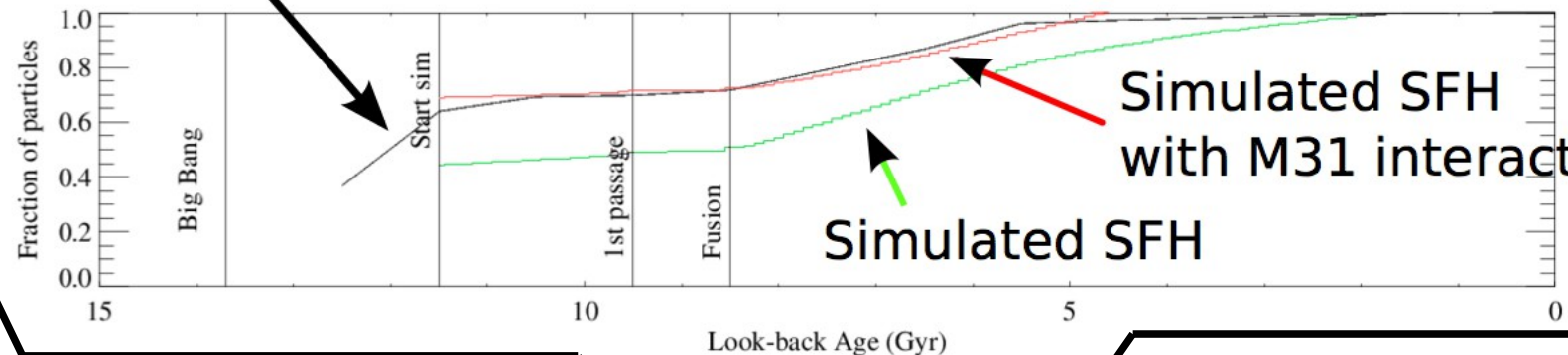
Properties of And II :

- Dwarf spheroidal of M31
 - Distance M31 = 184 kpc
 - Two stellar populations and rotating motion
- => formation by a merger

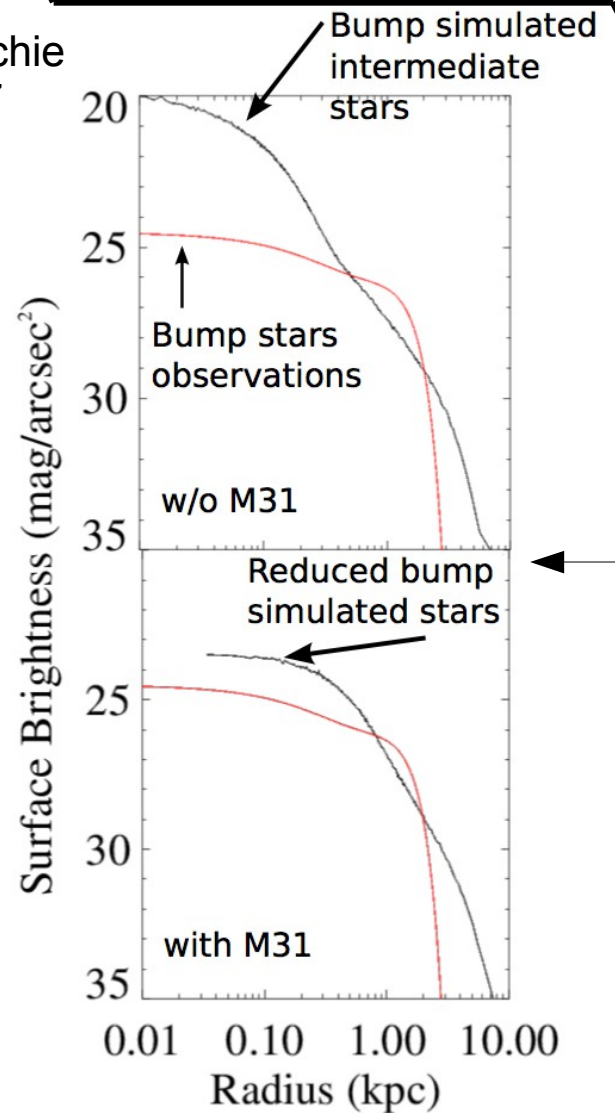
Model:

- Gas-rich major merger of two dwarf galaxies
- Head-on collision
- AM along the collision direction conserved

Observed SFH



McConnachie et al. 2007



SFH

Stellar profile

Kinematics

Old Stars (stars of the IC)

