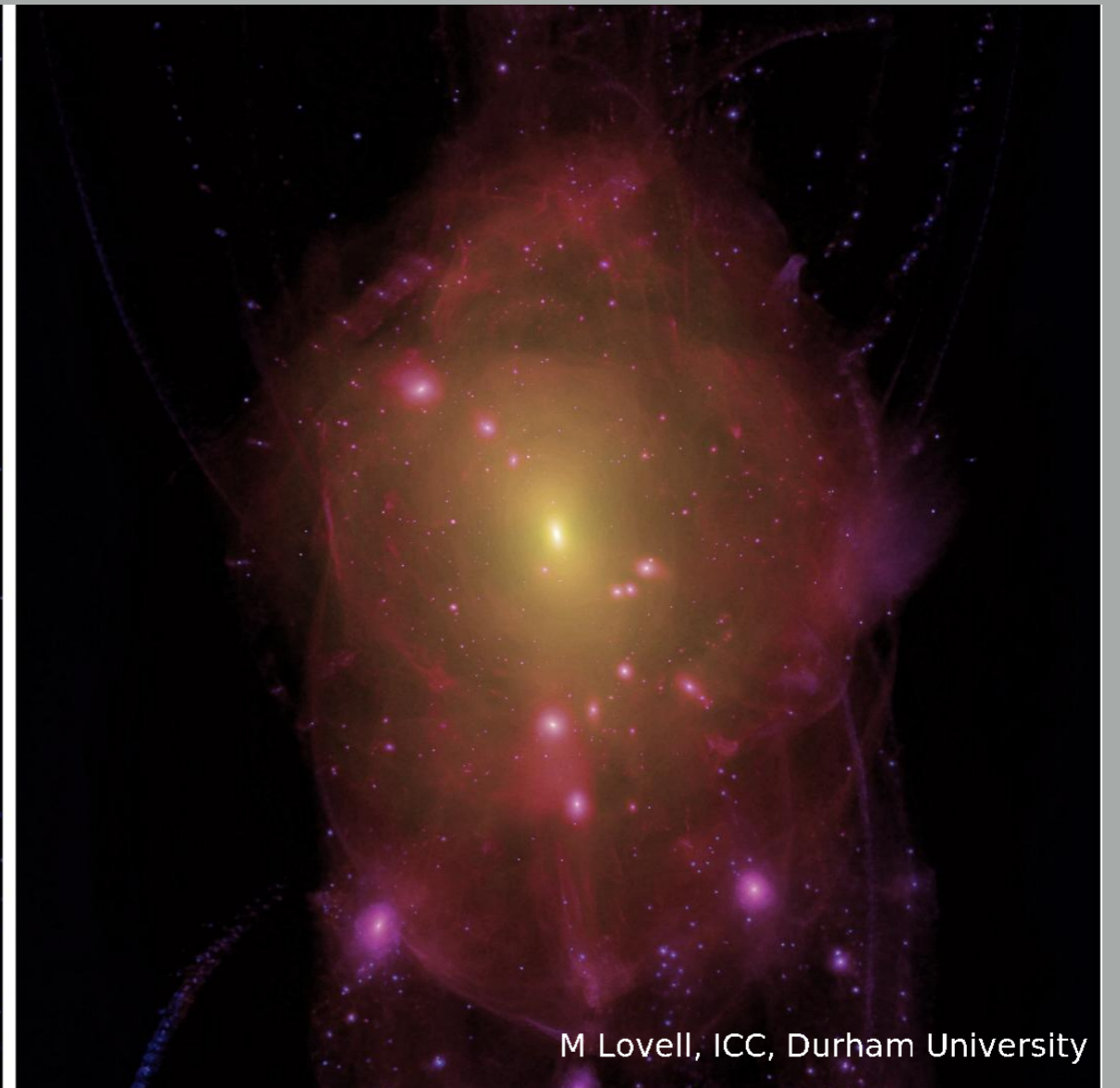


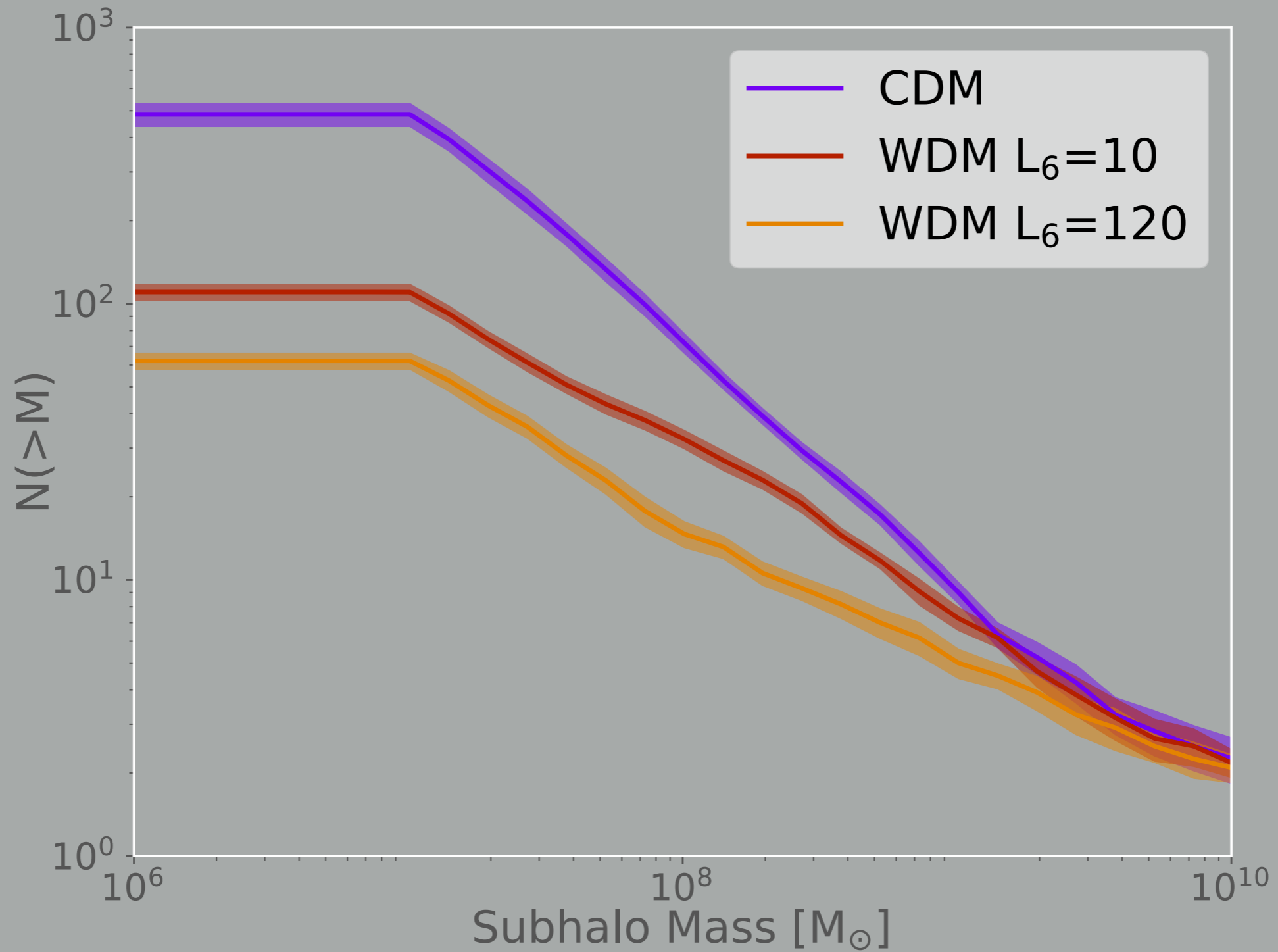
HOW TO RULE OUT COLD DARK MATTER

JACK RICHINGS

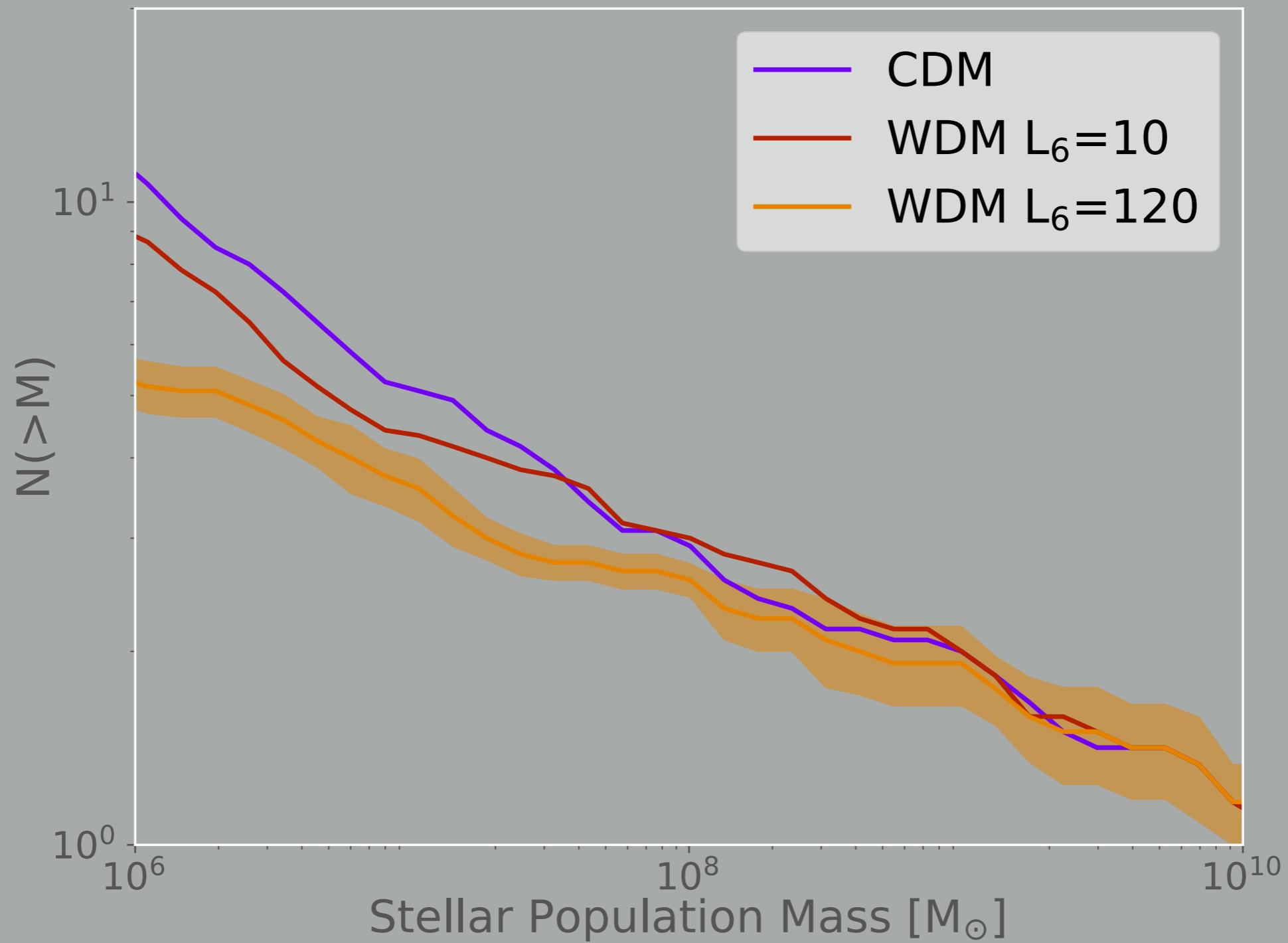
WITH CARLOS FRENK & ADRIAN JENKINS



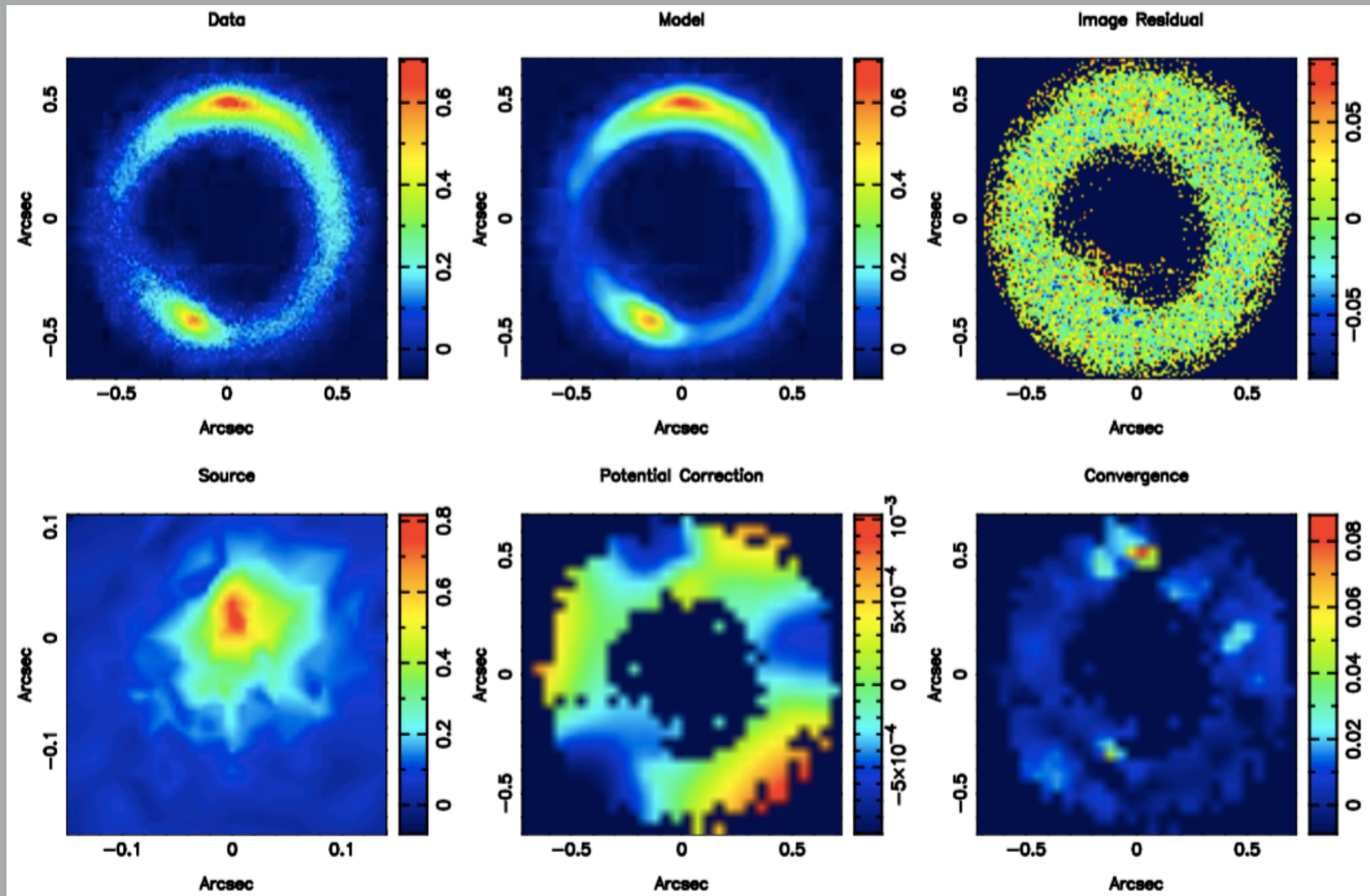
DIFFERENT MODELS HAVE THE SAME ASTROPHYSICS



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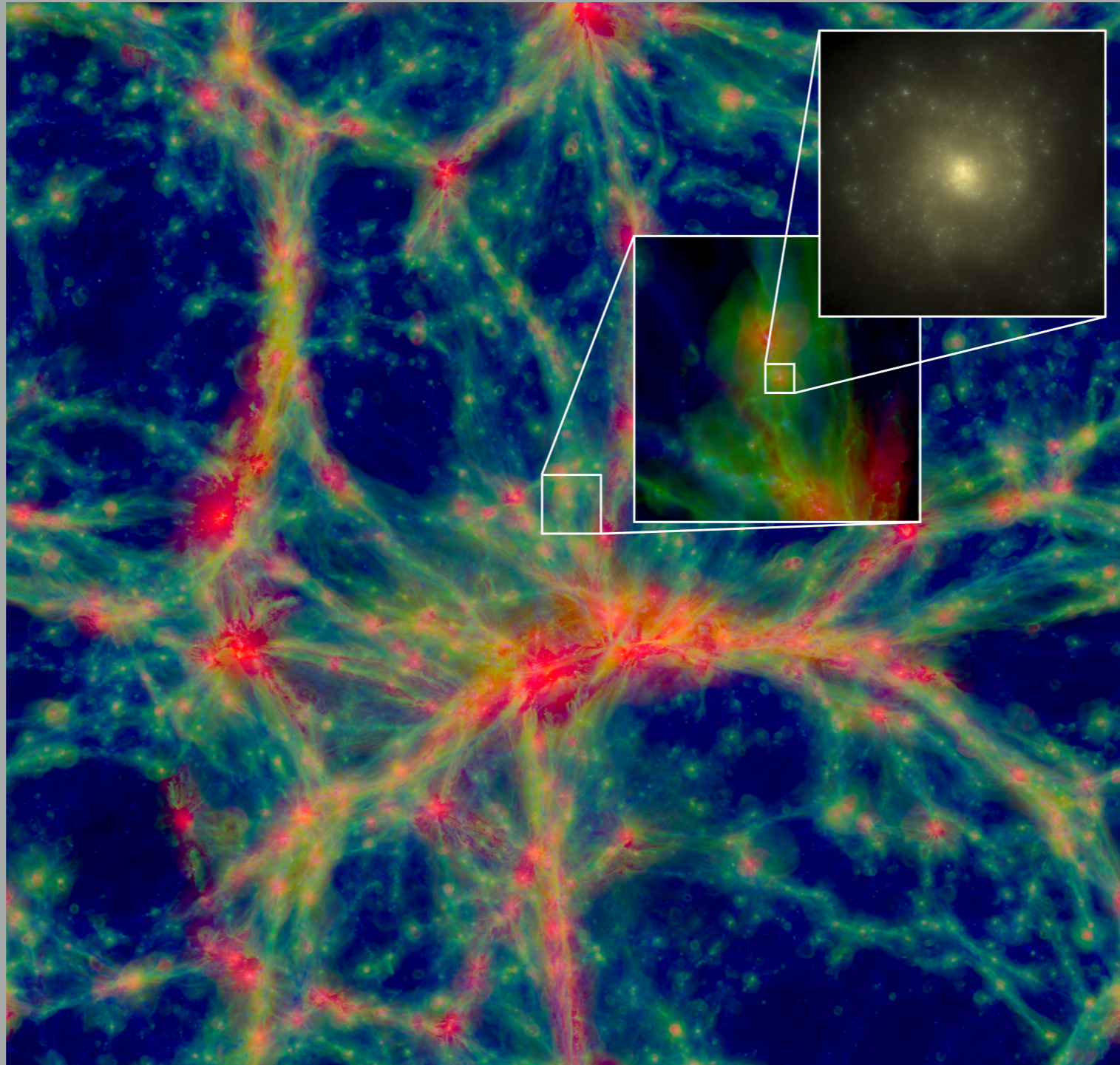


DIFFERENT MODELS HAVE THE SAME ASTROPHYSICS

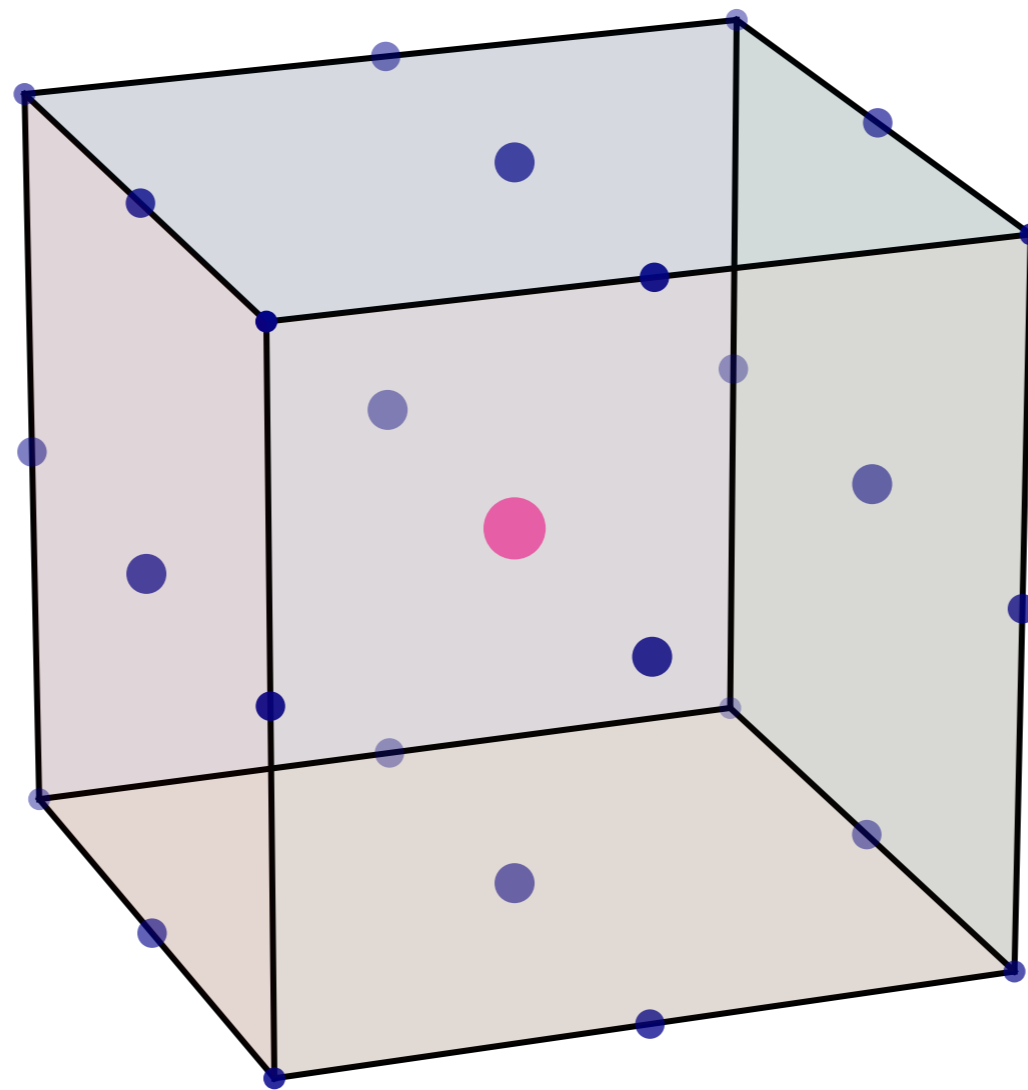


STRONG LENSING CAN BYPASS GALAXY PHYSICS

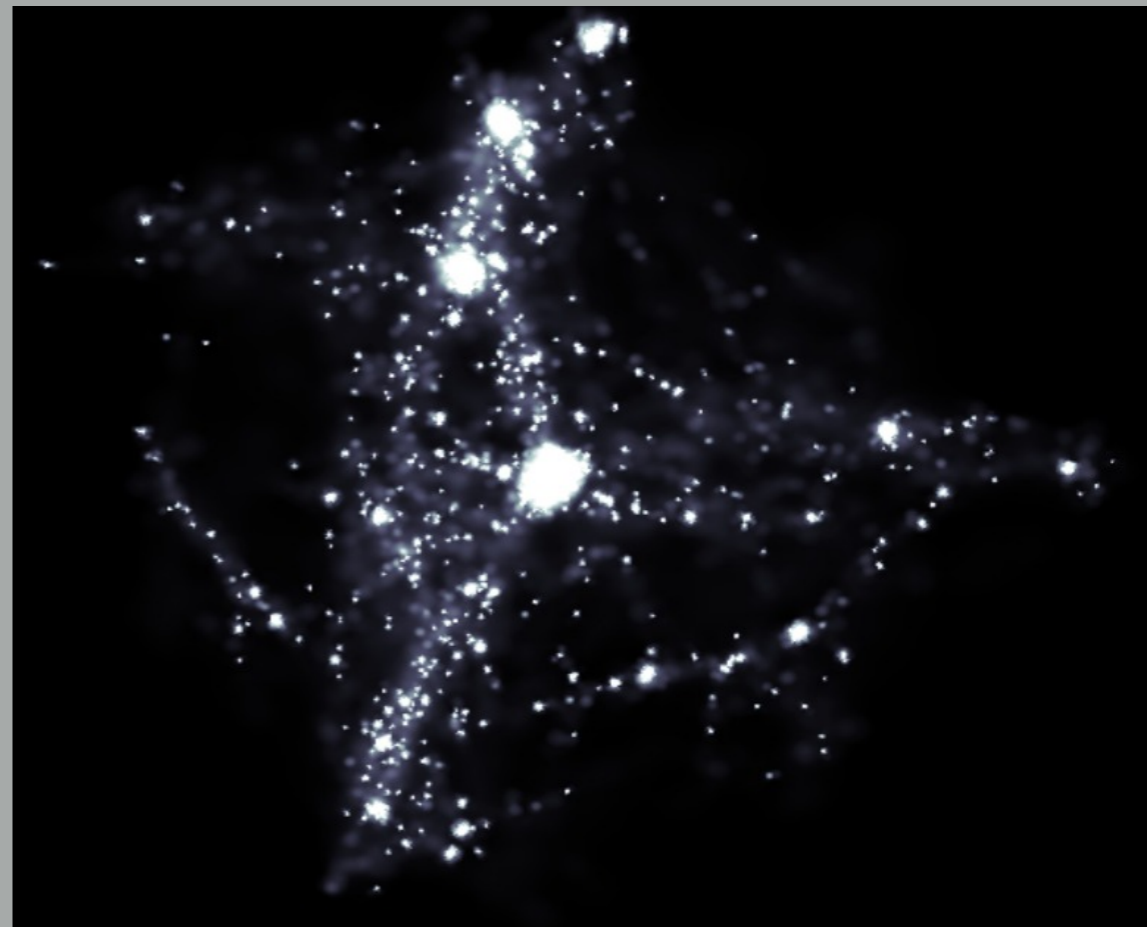
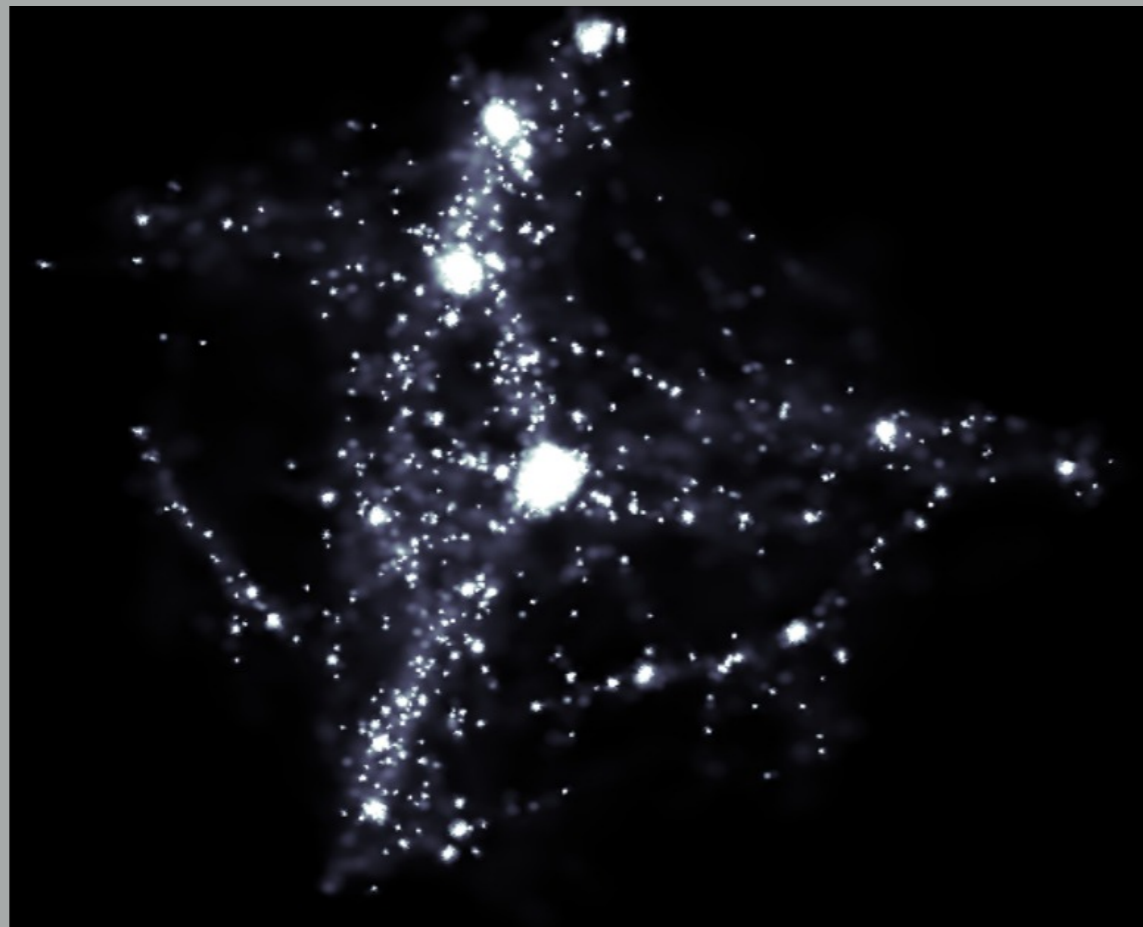
**HOW CAN WE MAKE
ACCURATE
PREDICTIONS ?**



CANDIDATE SELECTION



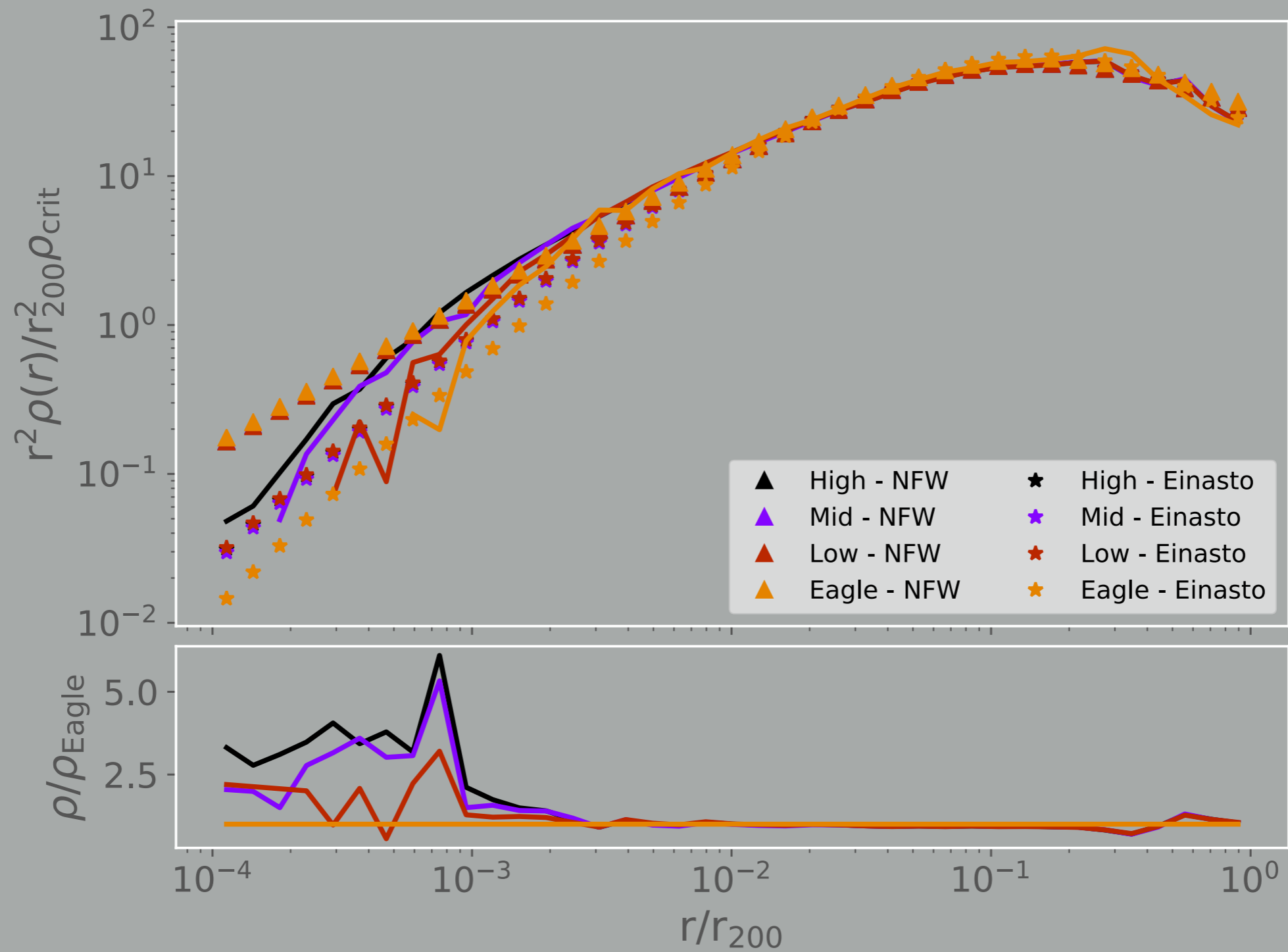
ENHANCED RESOLUTION TRICK



PERFECT CONVERGENCE

NEXT STEPS

- **Production of mock observations.**
- **Blind testing of mocks alongside real data.**
- **Simulations with alternative dark matter candidates.**



PERFECT CONVERGENCE