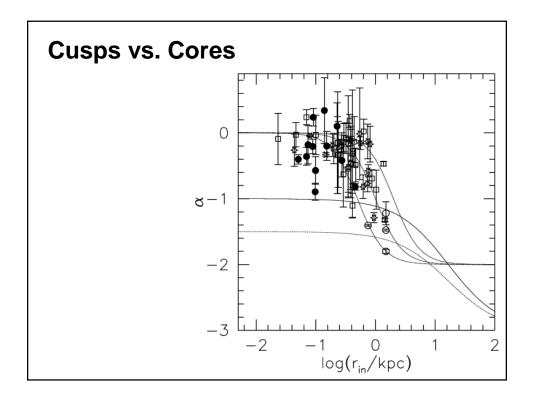
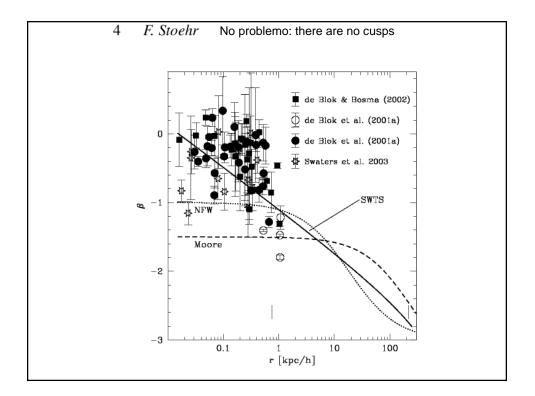


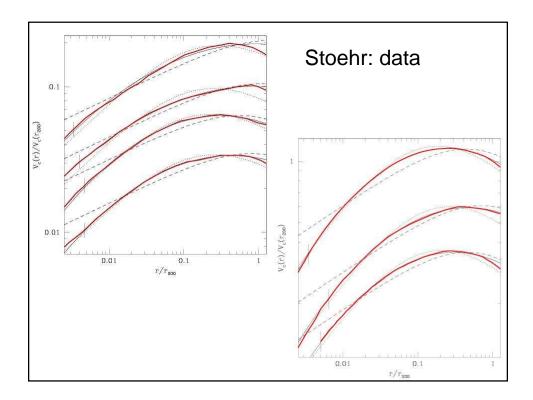
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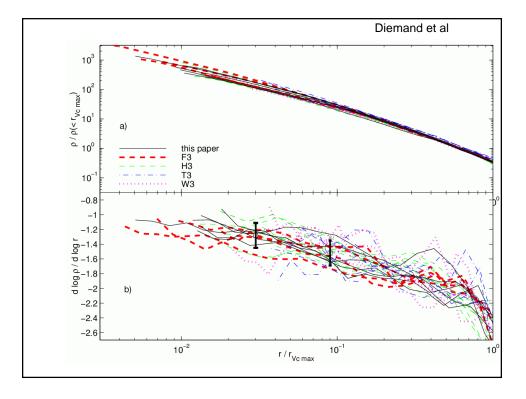




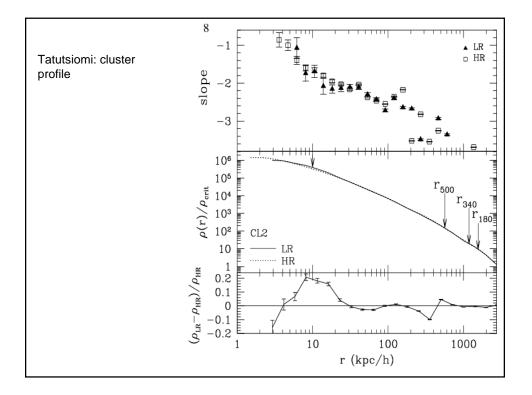
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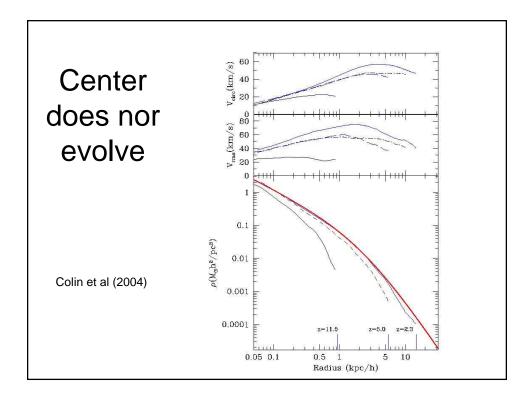
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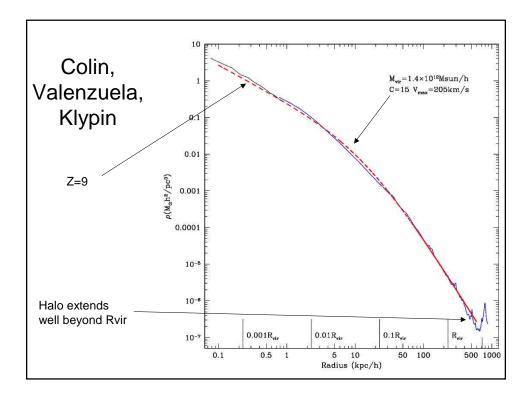


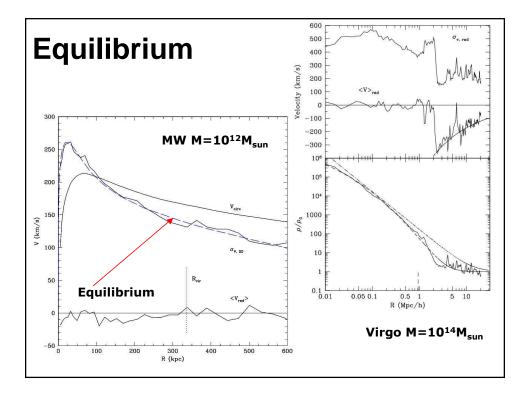
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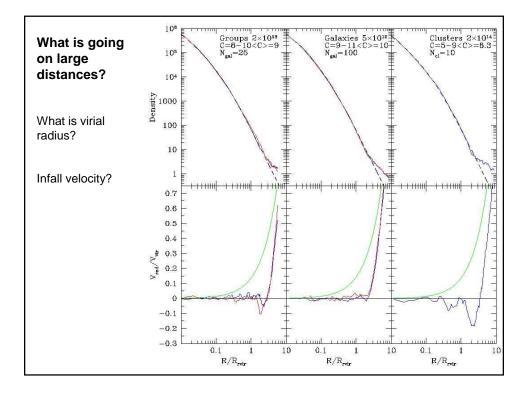
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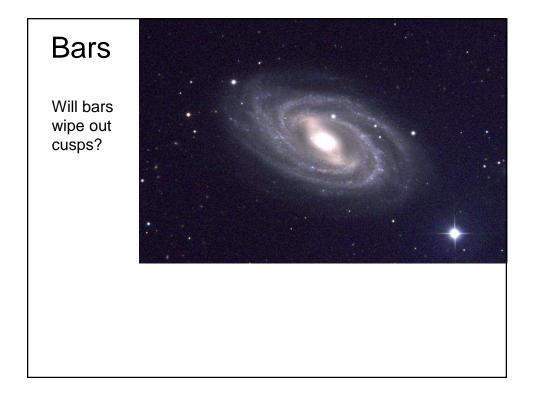


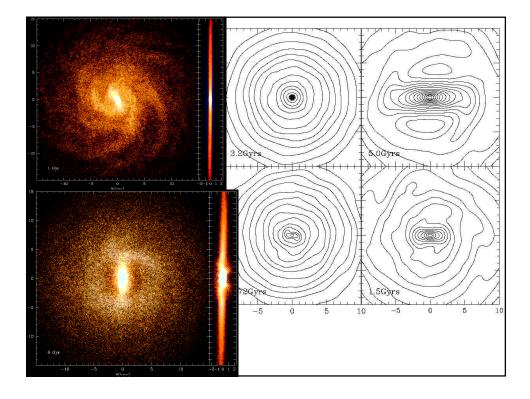


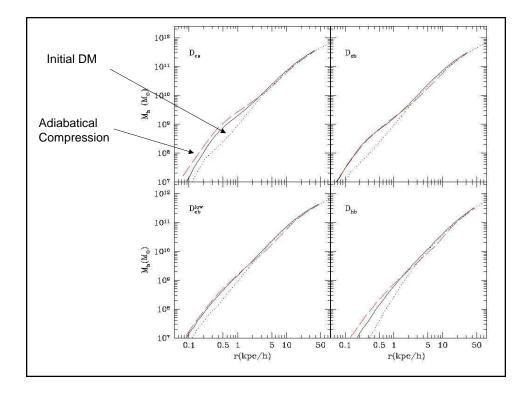
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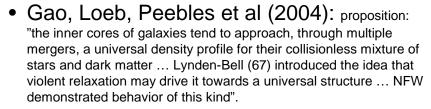








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- In other words, stars replace DM in central cusp (still alpha =-1).
- This seems to be not true for steep profiles r⁻²
- Violent relaxation is a relatively unimportant process. Particles, which are initially close to the halo center, my be pushed away by infalling satellites. This is mostly done through dynamical friction, not violent relaxation.

Conclusions

•NFW gives 20% errors over 3 orders of magnitude in radius.

•No direct indication of flattening below -1: no trustful simulation so far had it shallower than -1

•There is not much disagreement between different groups. There are disagreements in extrapolations.

•Do not just read abstracts of papers. Need to evaluate arguments.

•Bars do not flatten cusps.

•Small-mass halos extend well beyond their r_200 radii. Real virial radius depends on M/M*. It is not a radius at a constant average overdensity.