

ASTR 400B Research Project Topic

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1 Research Project Topic

I would like to research the MW/M31 Halo Major Merger Remnant: Evolution of the Dark matter. Specifically, I plan to answer the question of how the density profile of the dark matter halo evolves after the Milky Way and M31 have merged. I would also like to address some aspects of the kinematic evolution of the merged halo such as the development of its rotation and dispersion profiles.