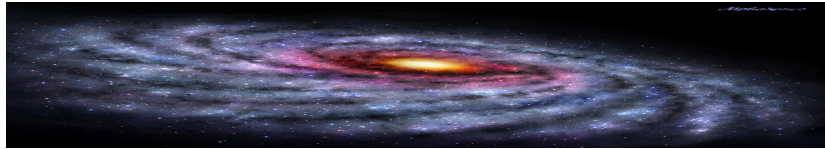
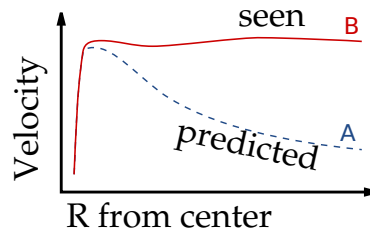


Weak Gravity

When gravity is $10^{-10}g$, Newton's law doesn't work



History

1932 Jan Oort, Milky Way motions too fast

1922 Fritz Zwicky, motions of galaxies too fast

1962 Alar Toomre, thin disc galaxies too fast, unstable

Current Efforts

Dark matter - plug in what is needed

MOND - change Newton's law from $1/R^2$ to $1/R$

My Effort

Need a stable, constant velocity solution for gravity

Galaxies are not a static, non-rotating, point sources

The product rule may come into play

Account for loss of light