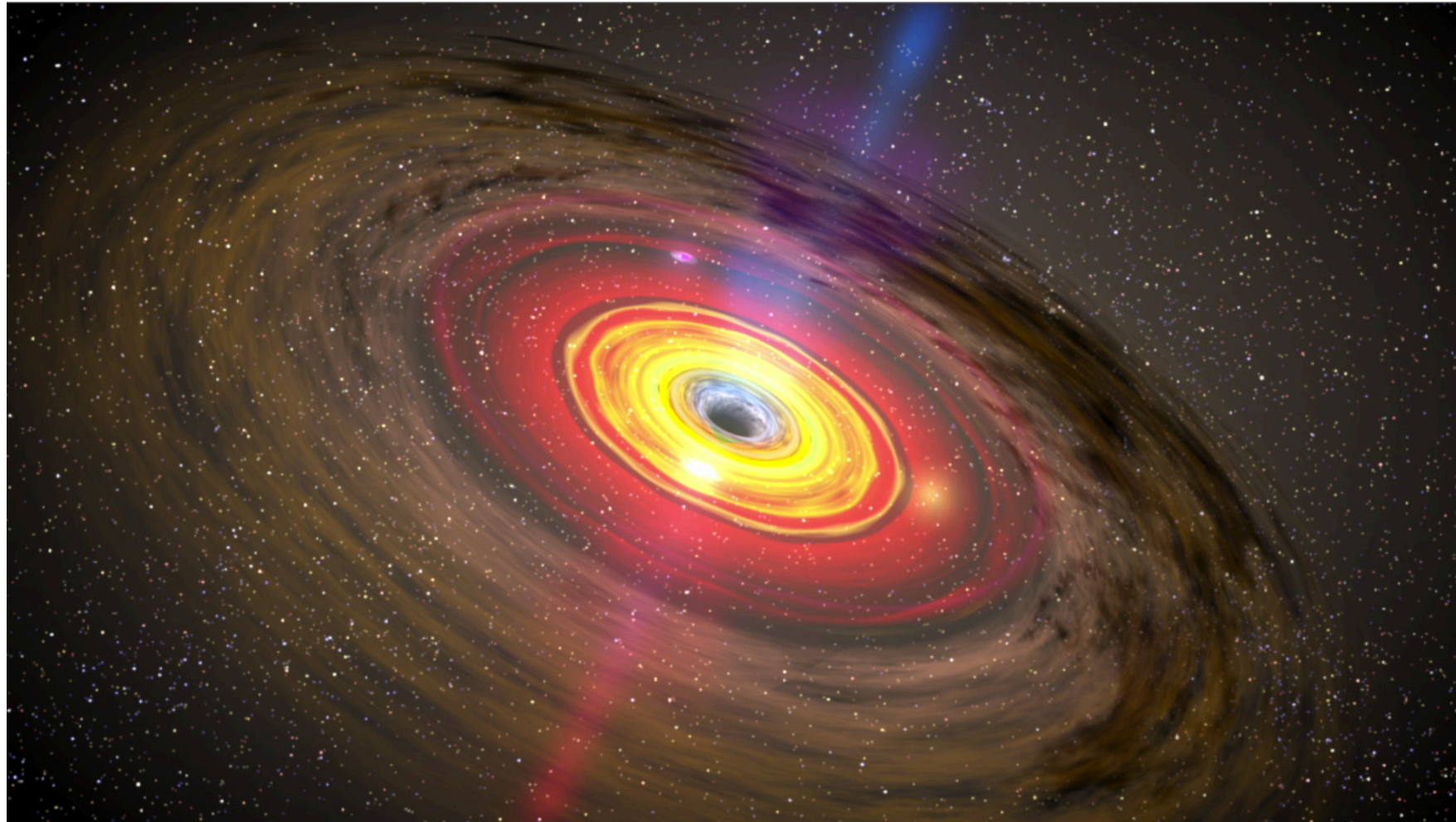


Numerical Modeling of Accretion into Black Holes

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Accretion disks

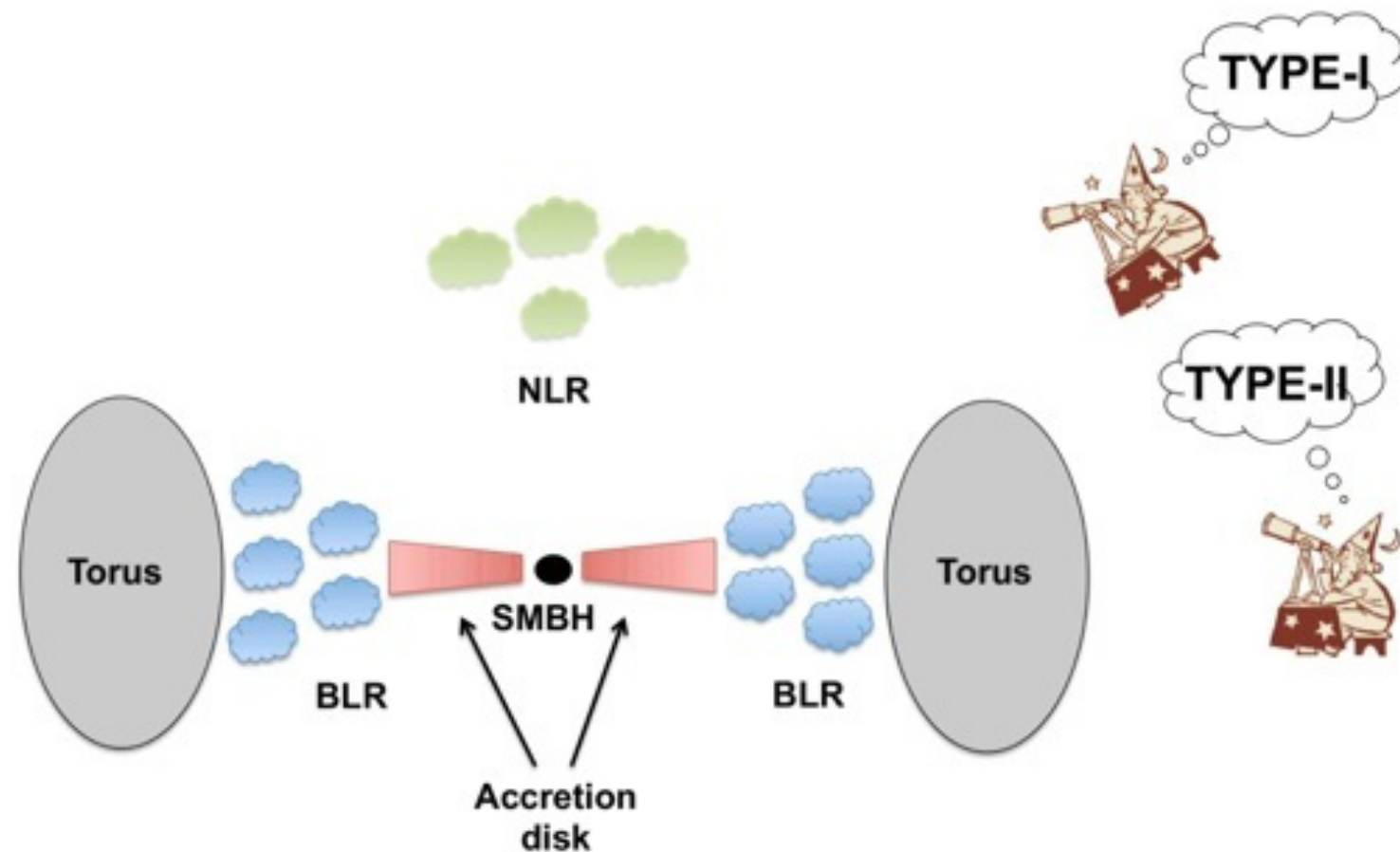


Primary power source behind AGNs and XRBs

More powerful than nuclear fusion

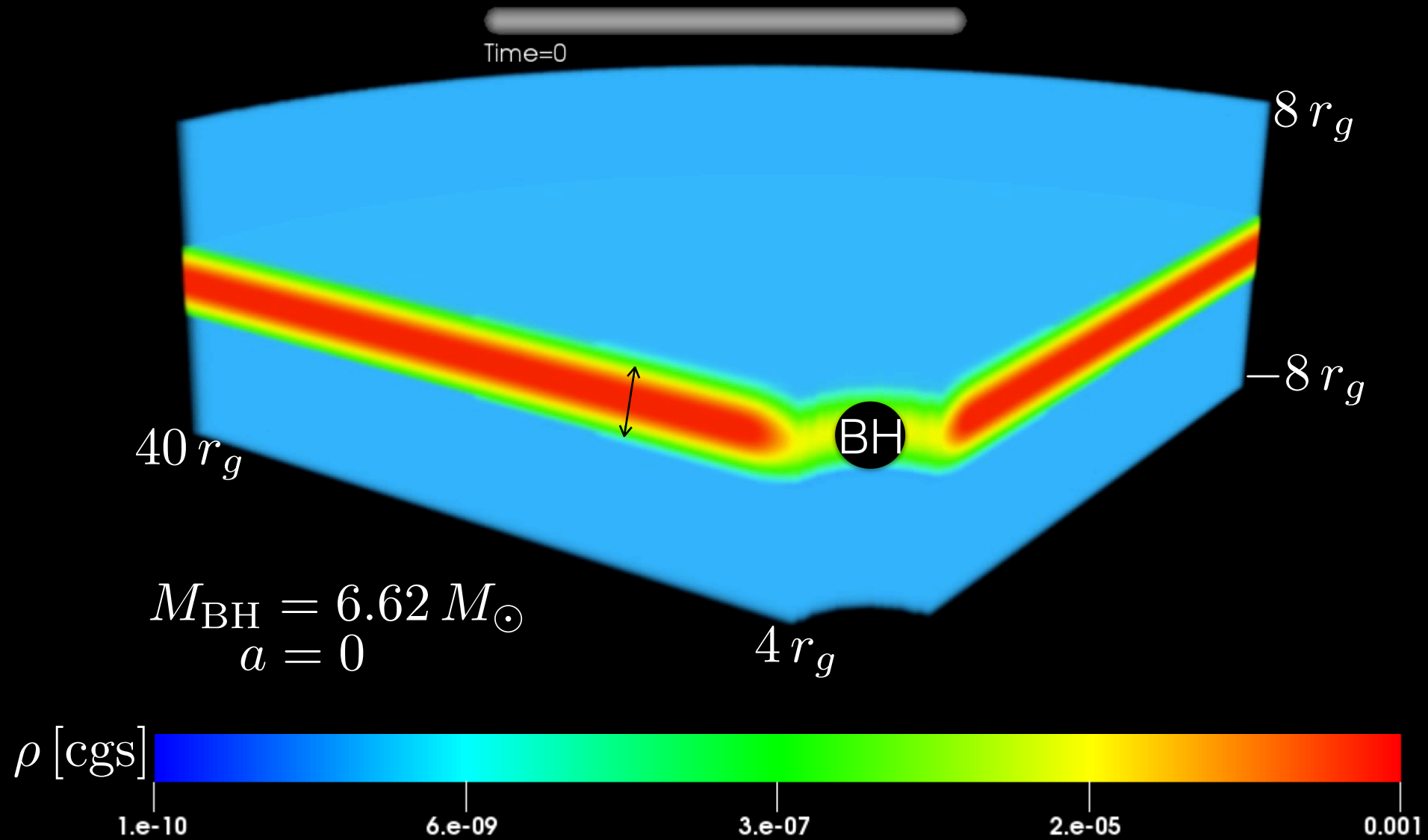
Stellar mass compact objects to super-massive black holes

AGN disks



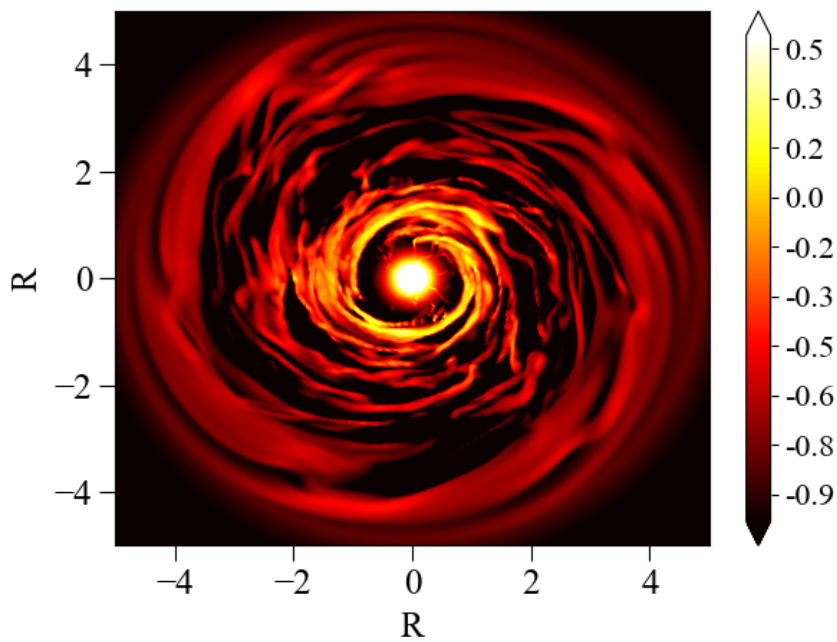
Gravitational Instability in AGN disks. How to suppress it ?

Stability of Disks

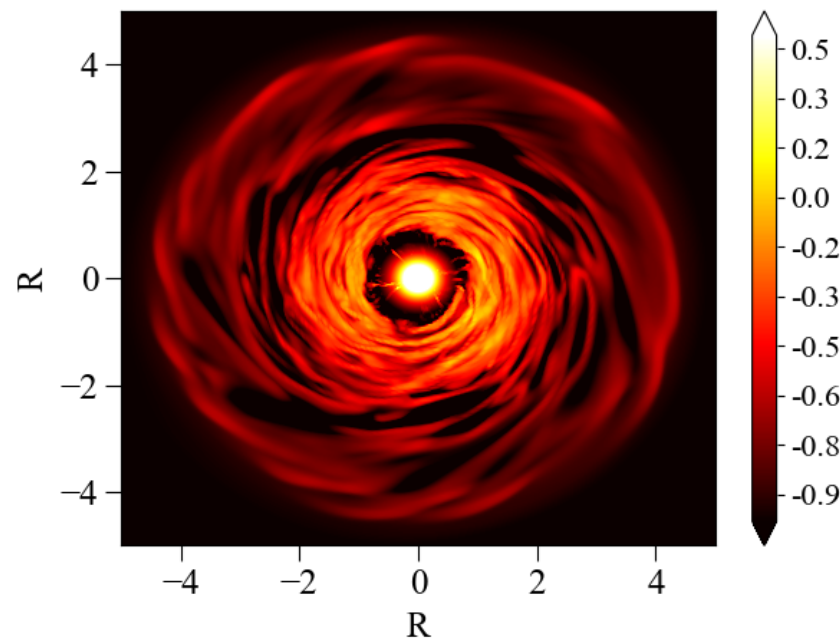


Spiral structures

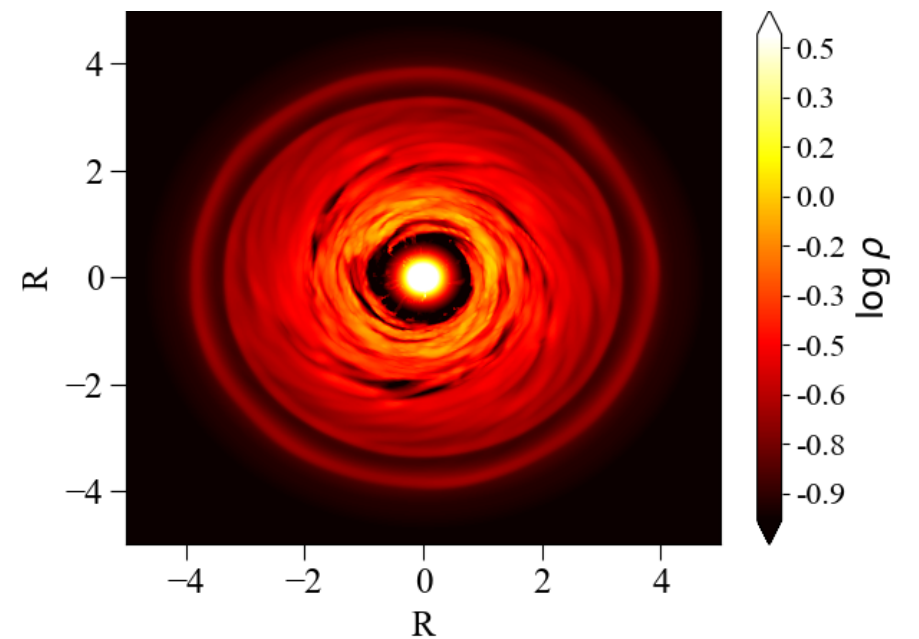
$\beta_i = 100$



$\beta_i = 300$



$\beta_i = 1000$



Questions ?