

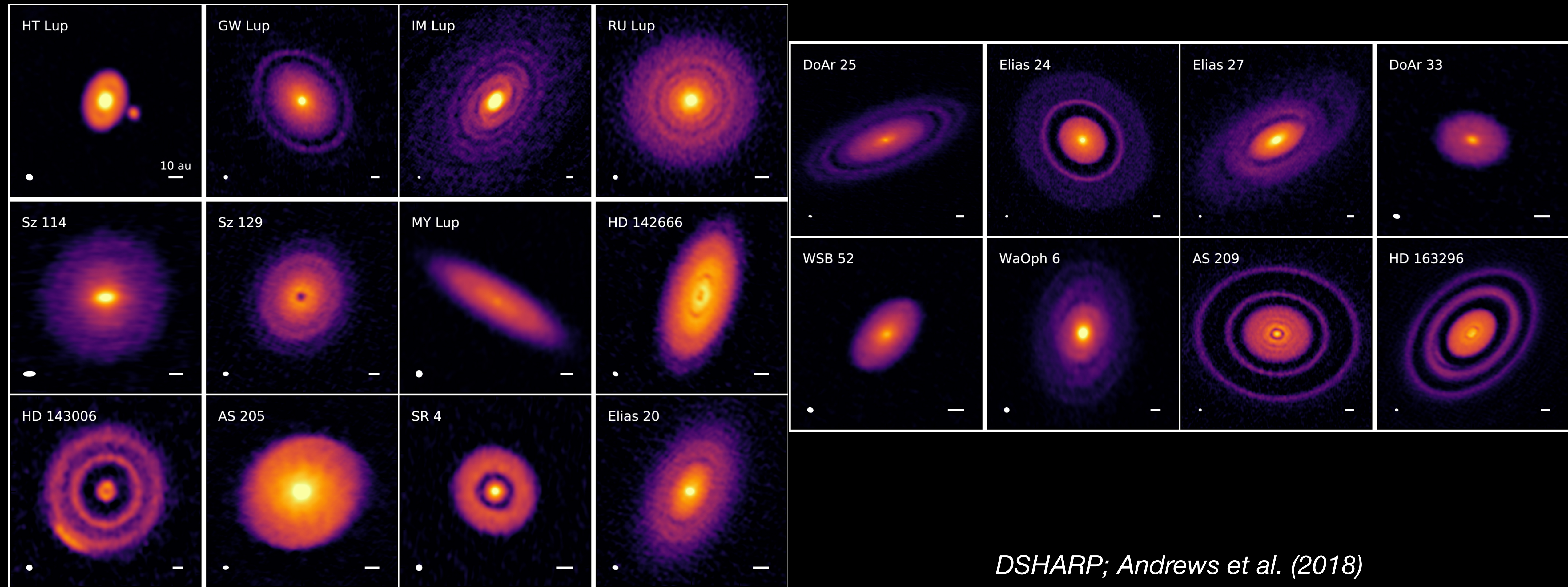
Discussion Session

Protoplanetary Disks

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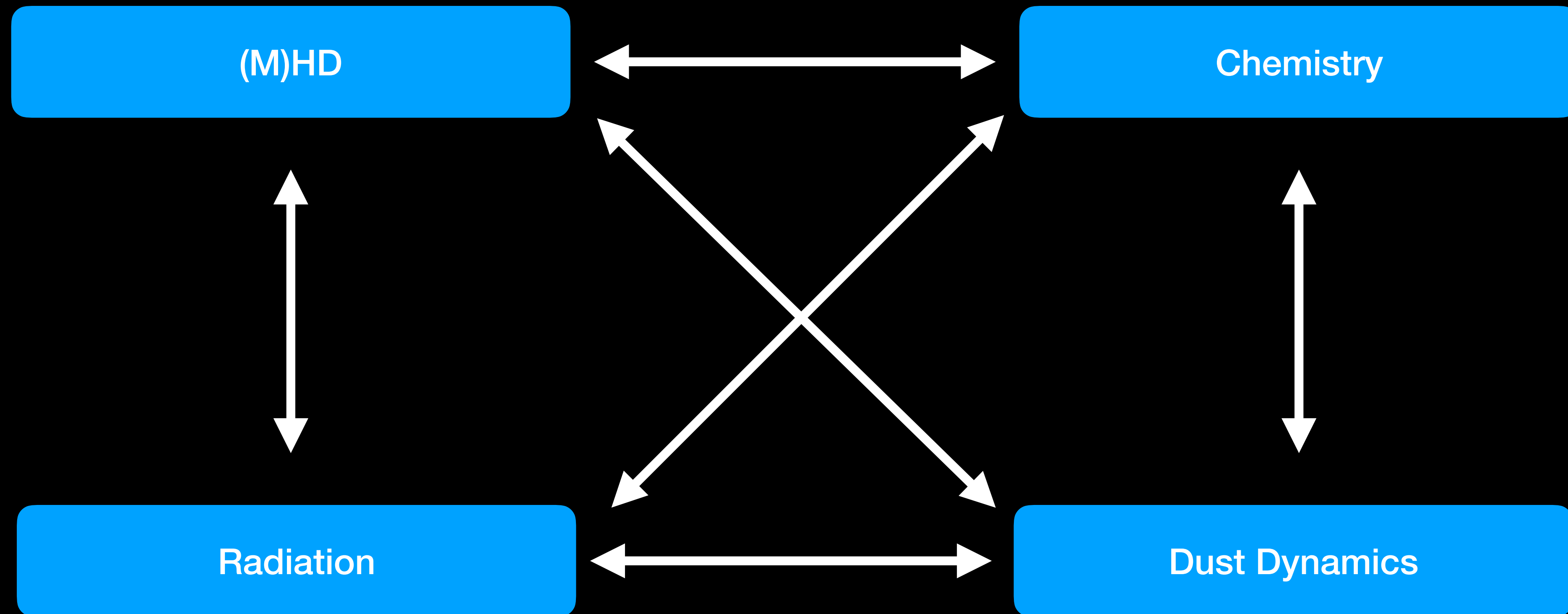
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Zoo of Protoplanetary Disks

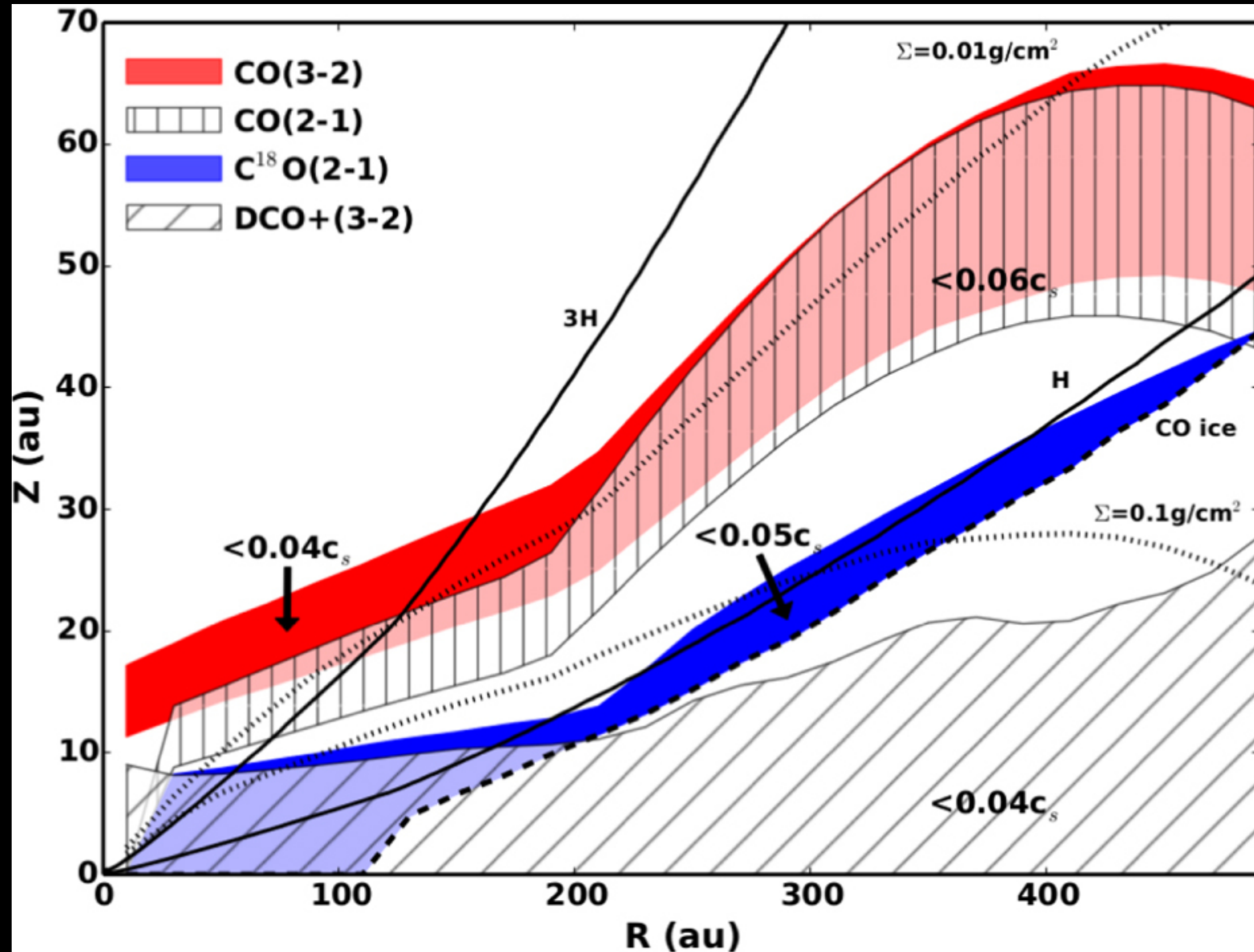


DSHARP; Andrews et al. (2018)

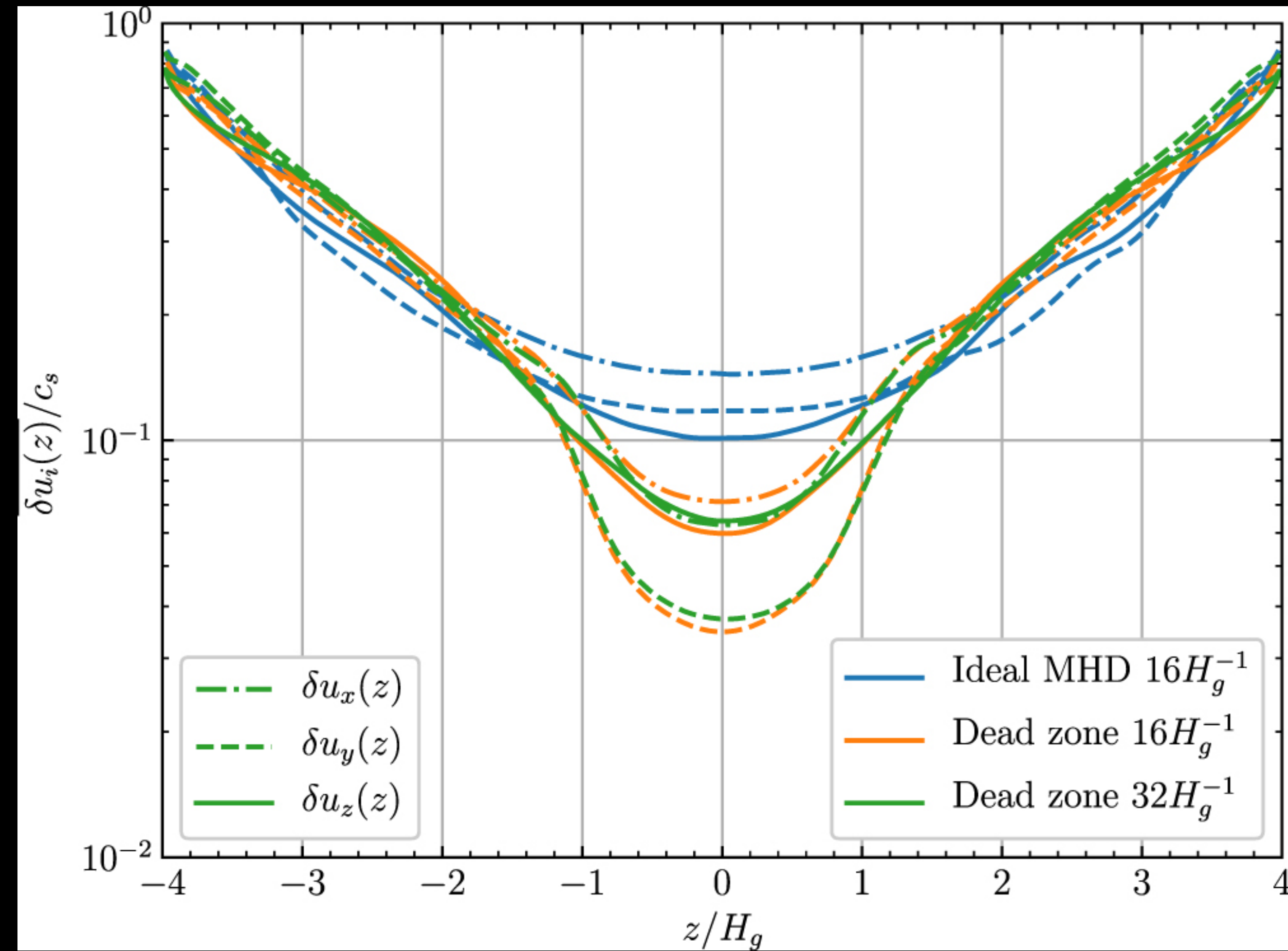
Intertwined Physics



Disk Turbulence (?)



Flaherty et al. (2017)



Yang, Mac Low, & Johansen (2018)

Discussion

- What observations of protoplanetary disks do you find inconsistent/confusing that can not be explained by theory and/or simulations?
- What are the most urgent needs in computations with MHD/radiation/chemistry/dust for the study of protoplanetary disks?
- How can Athena++ help? Already now? ...in the near future? ...and Tool of Everything?