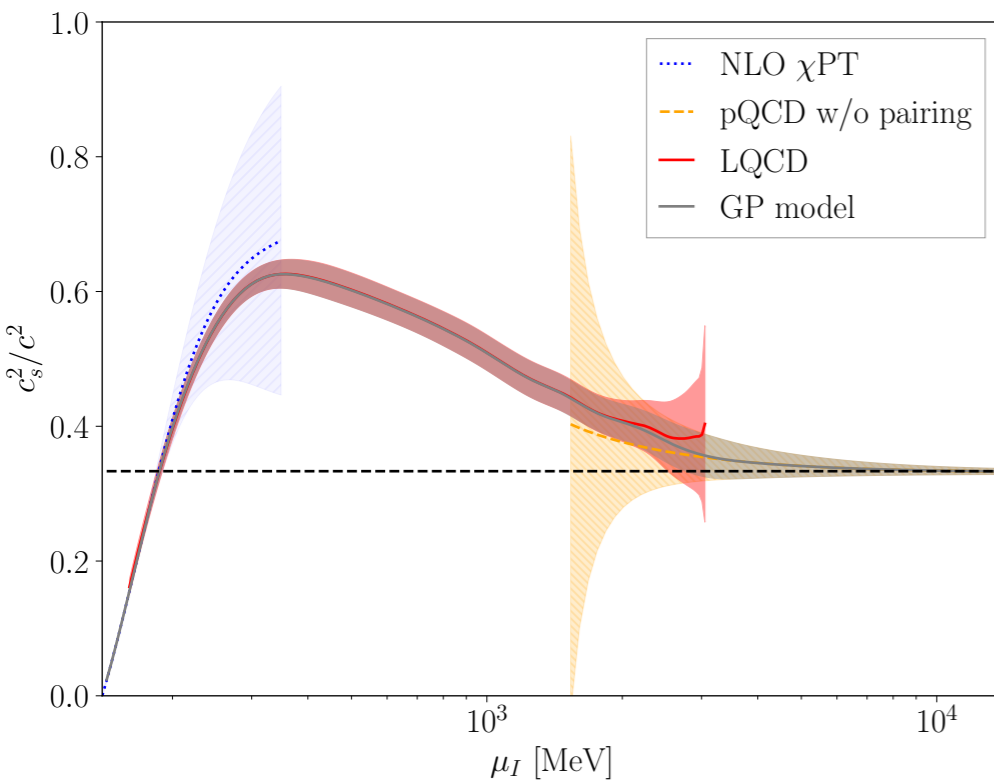


# Isospin-dense matter and nuclear equation of state



***APS Viewpoint:***  
***Drilling into Neutron Stars with Computers***

***Phys. Rev. Lett. 134:011903, Jan 2025***

***Accomplishment:*** Determination of equation-of-state (EoS) for isospin-dense matter and constraints on EoS for symmetric nuclear matter.

***Methods:*** Many pion contractions and code optimizations developed under SciDAC.

***Impact:*** Rigorous bounds on nuclear EoS.