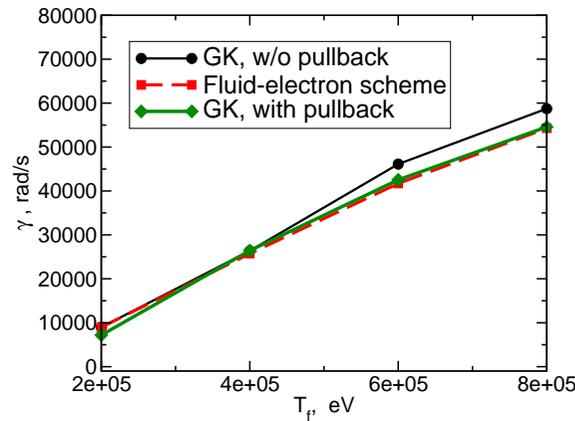
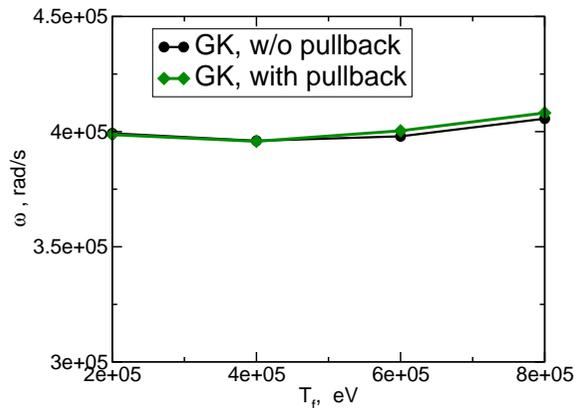
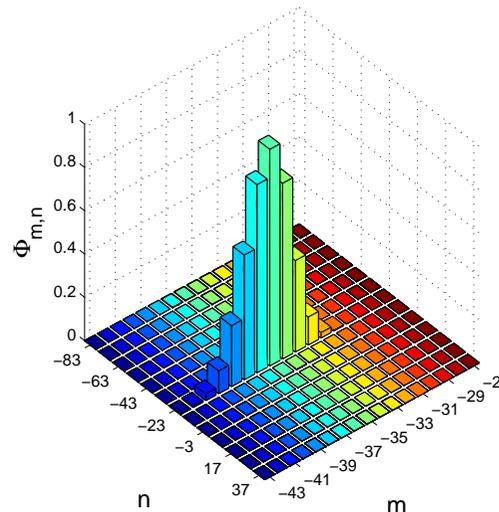
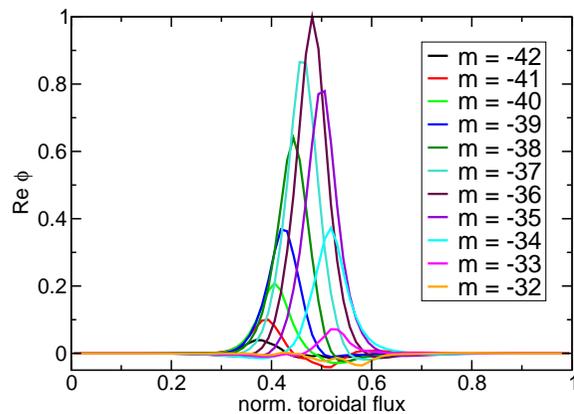




Global gyrokinetic PIC simulations of Alfvénic modes



Gyrokinetic electromagnetic simulations of **low- m TAE modes** in tokamak geometry



Gyrokinetic electromagnetic simulations are **feasible in stellarators** (here, LHD-type)

Progress in gyrokinetic EM PIC simulations: [Phys. Plasmas 21, 092110 \(2014\)](#)