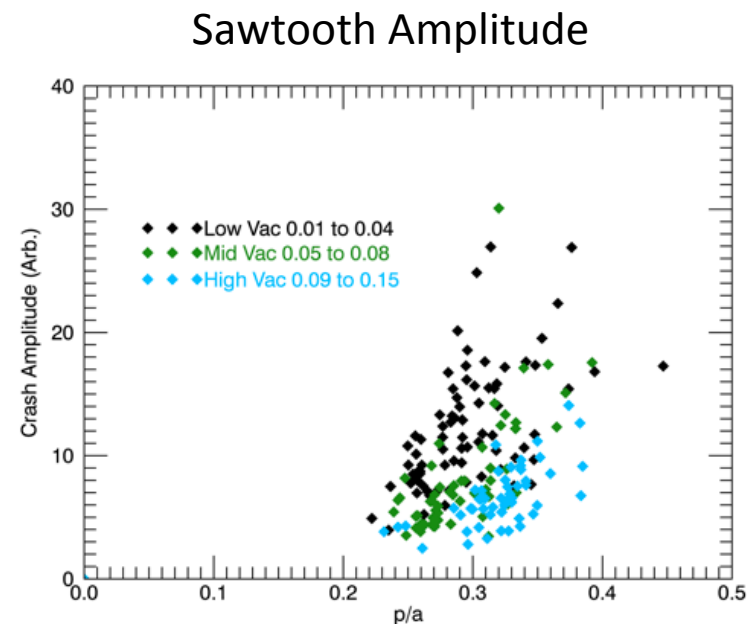
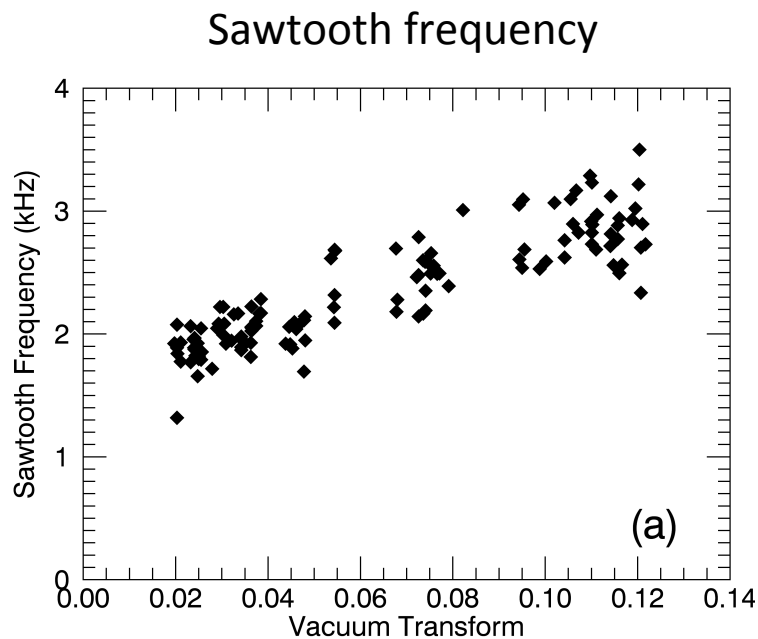


# Passive control of sawtooth frequency and amplitude demonstrated on the Compact Toroidal Hybrid using strong 3D magnetic surface shaping



- Level of vacuum transform from external coils used a proxy for amount of 3D shaping
- Higher levels of vacuum transform lead to more frequent, smaller sawteeth