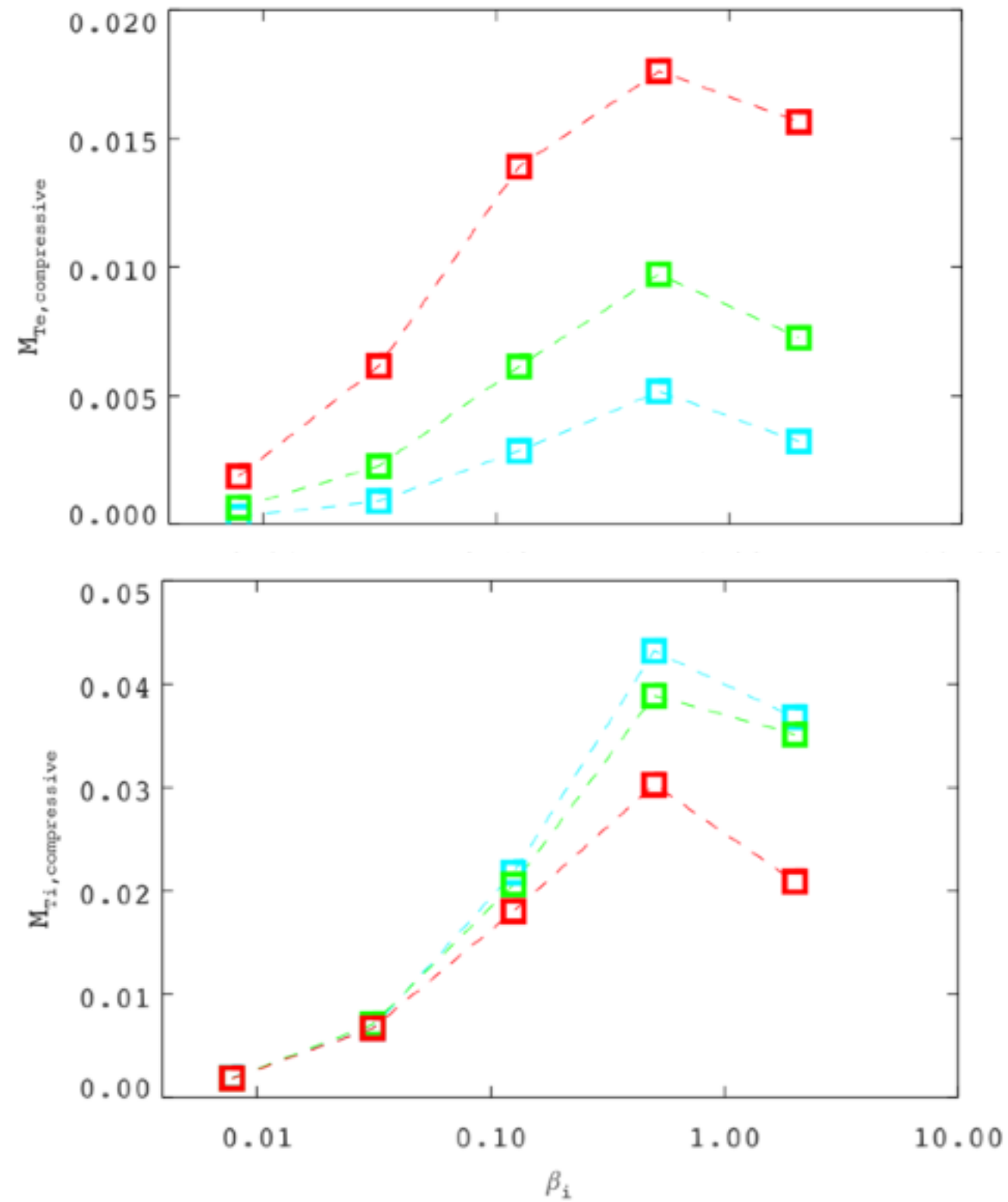
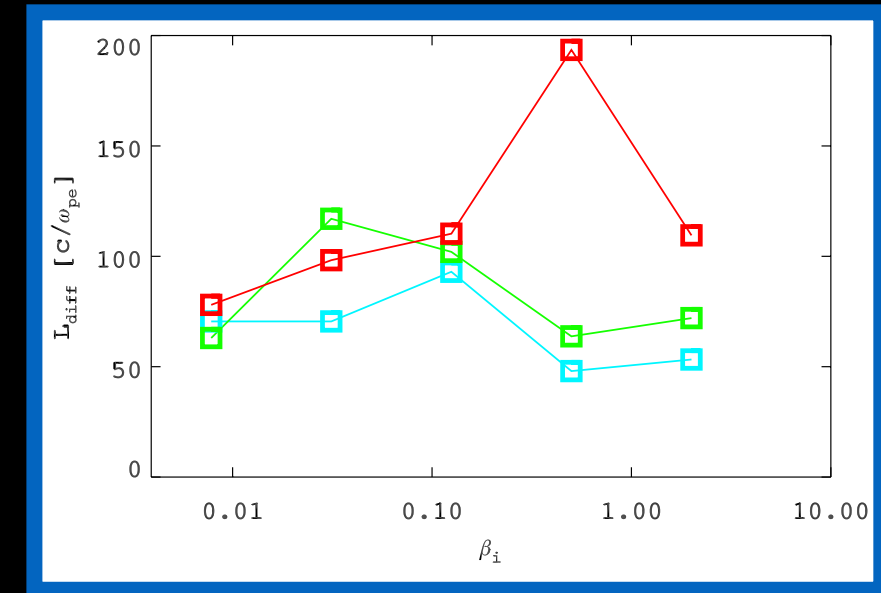
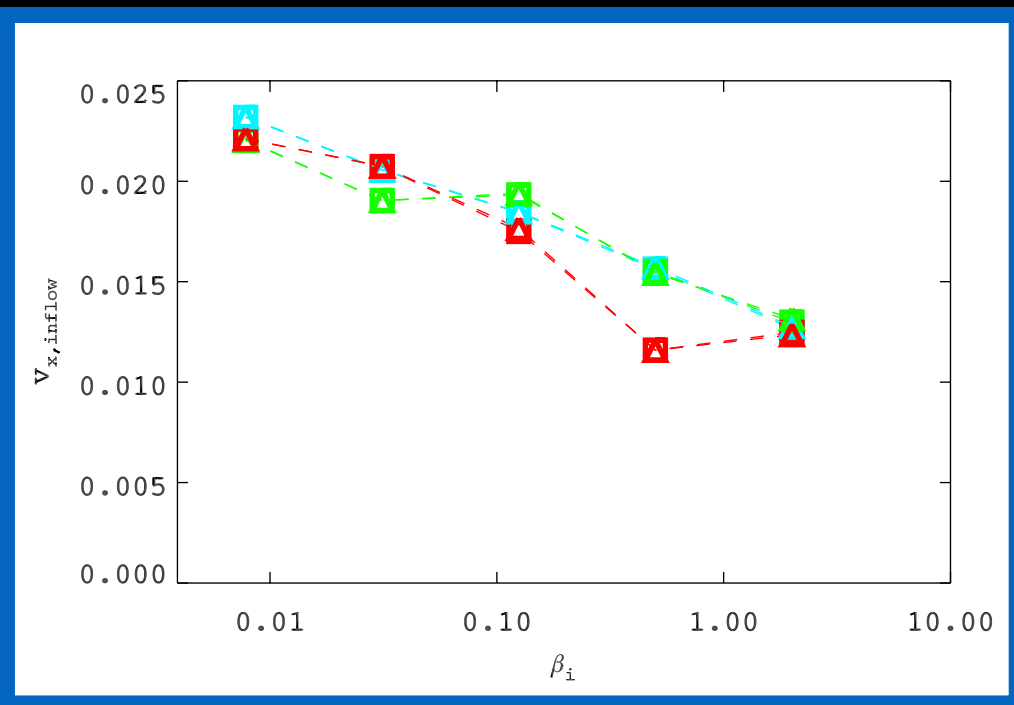


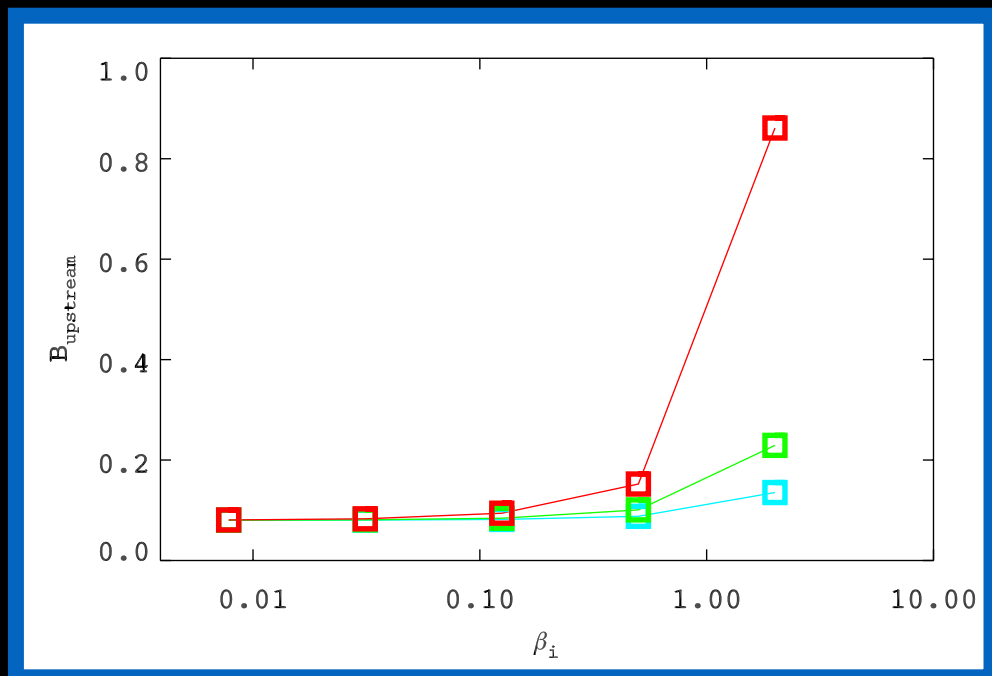
Compressive heating



A simple model for the electron heating



$$M_{Te,ideal} \sim \frac{eE_{rec}Ln}{B^2/8\pi} \sim \frac{e \left(\frac{v_{in}}{c} \right) Ln}{B}$$



- The expression is roughly the work done by reconnection E field compare to inflow magnetic energy
- Treat B , L , and v_{in} as functions of β_i , T_e/T_i - don't just assume constant