Summary and future directions

Summary:

- Reconnection provides less net heating for high-beta compared to low-beta; $T_{e,\,out} / T_{e,in}$ approaches 1 for high beta
- Low-beta: ~3% of the magnetic energy ends up as electron heating, and ~10-12% ands up as ion heating

For the future:

- Explore guide field reconnection
- Push to higher beta
- Vary the mass ratio
- Run with wider range of sigma
- Use particle orbits to study heating mechanism
  - Is this the same as in the non-relativistic case?
- 3D simulations

Thank you for your attention

Strange-looking point from plot of L(beta)