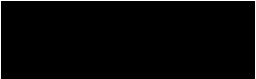


**The plasma reaches a quasi-steady state**



# Alfvén velocity

$$\frac{v_A}{c} = \sqrt{\frac{\sigma_w}{1 + \sigma_w}}$$

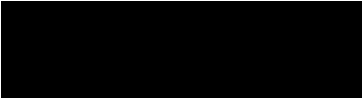








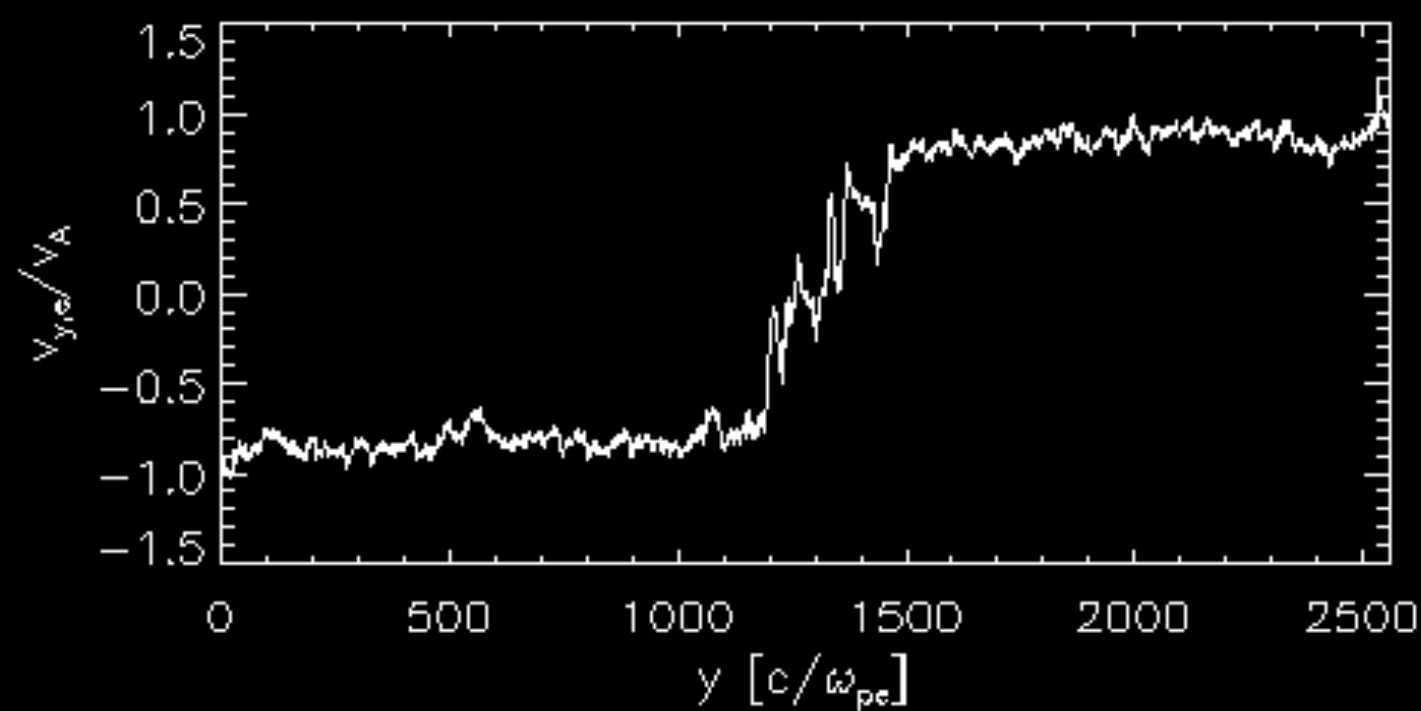
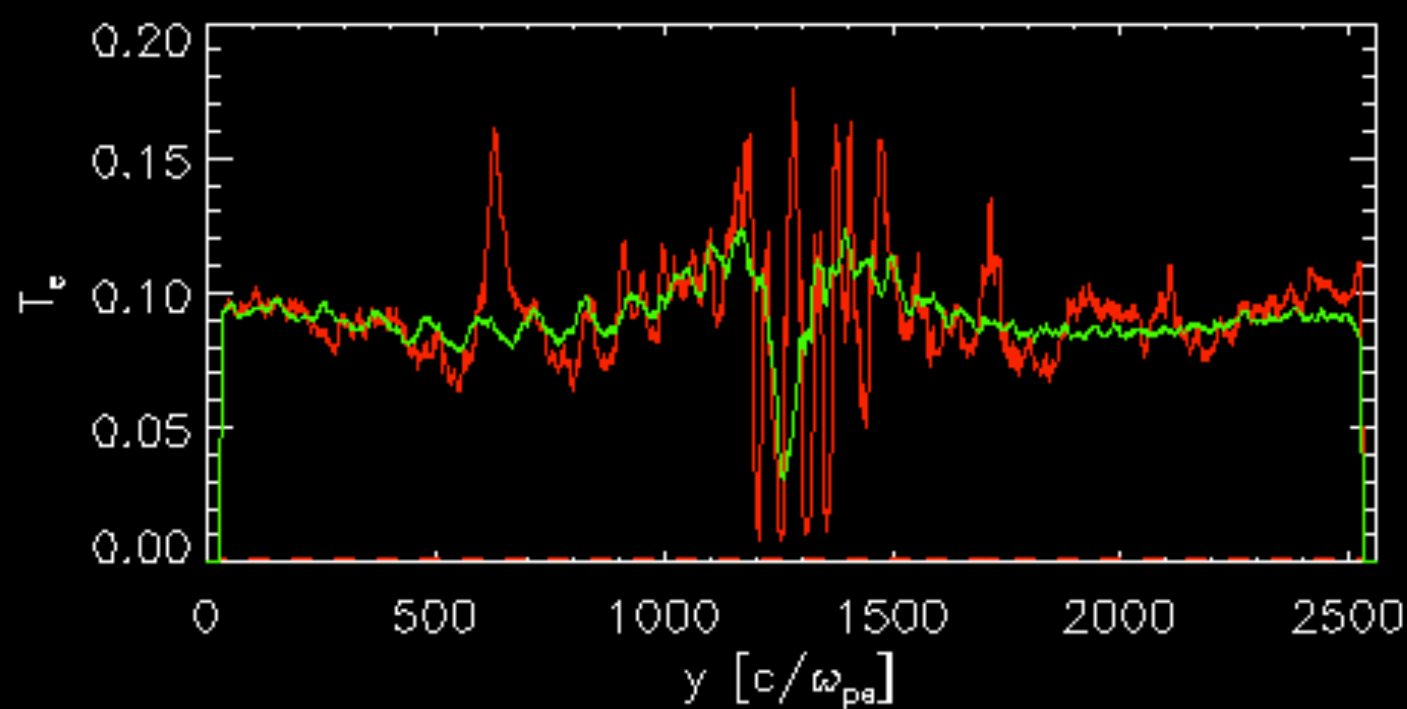
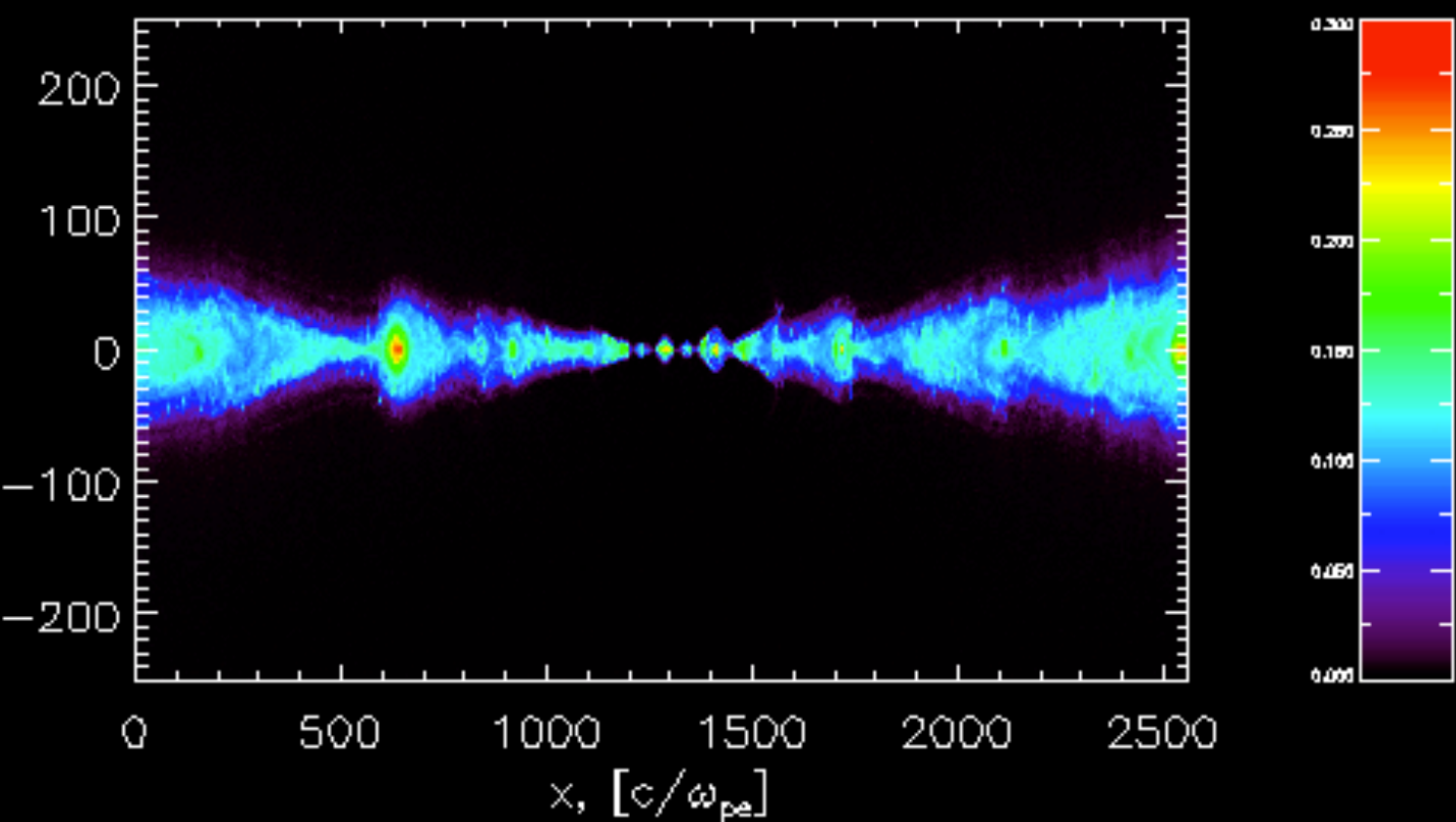










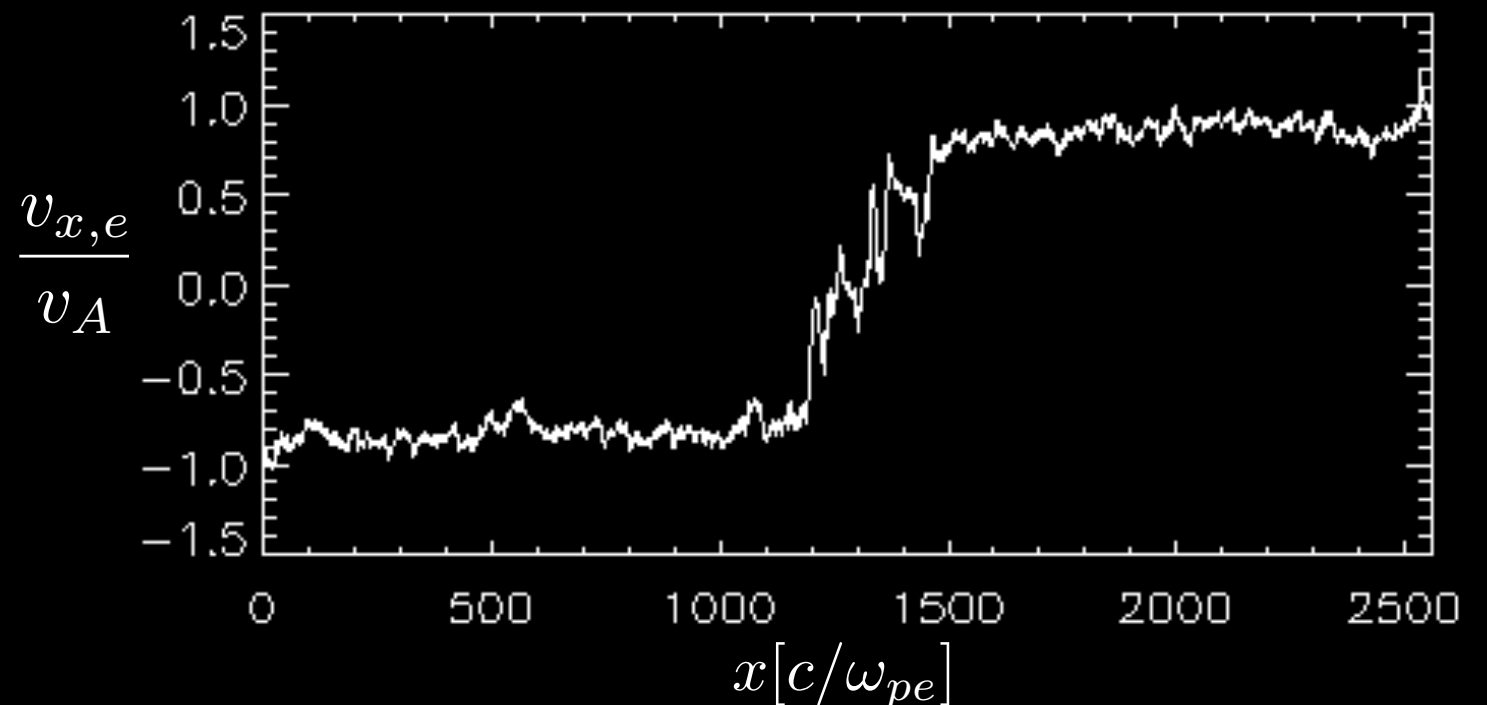
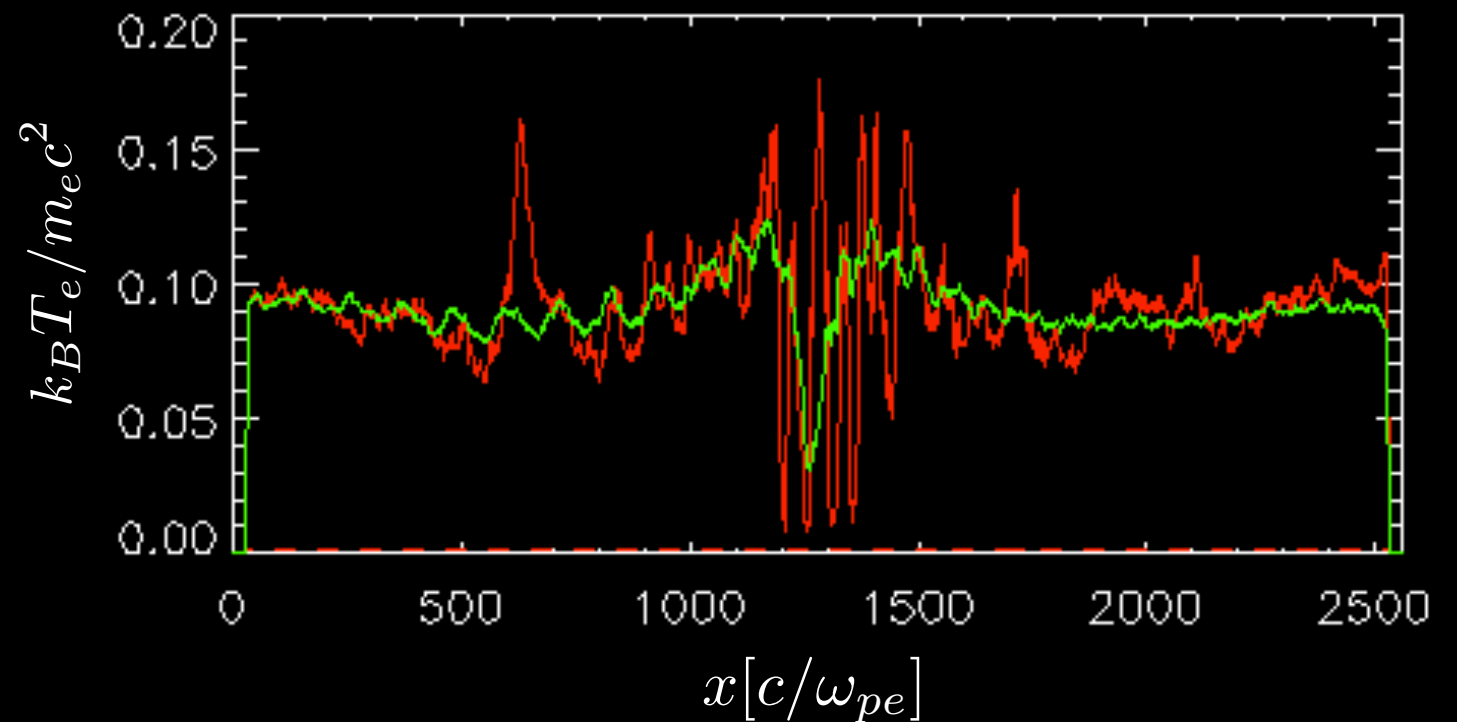


# The plasma reaches a quasi-steady state

- ▶ To extract a meaningful outflow temperature, temperature profile should be flat
- ▶ Alfvén velocity should be saturated in current sheet

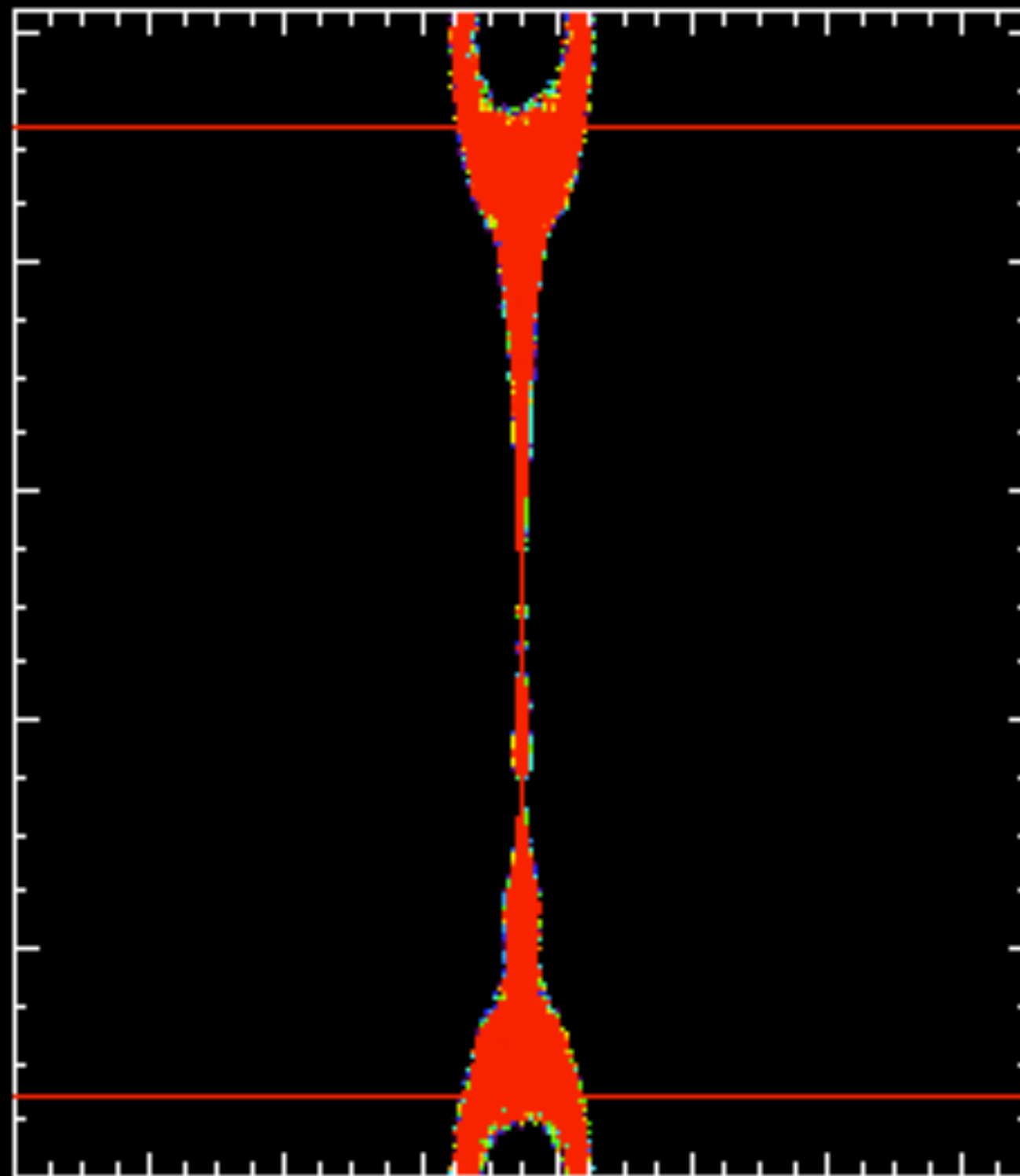
## Alfvén velocity

$$\frac{v_A}{c} = \sqrt{\frac{\sigma_w}{1 + \sigma_w}}$$





# How to identify where reconnection has happened?



**Tag particles  
on right**

