

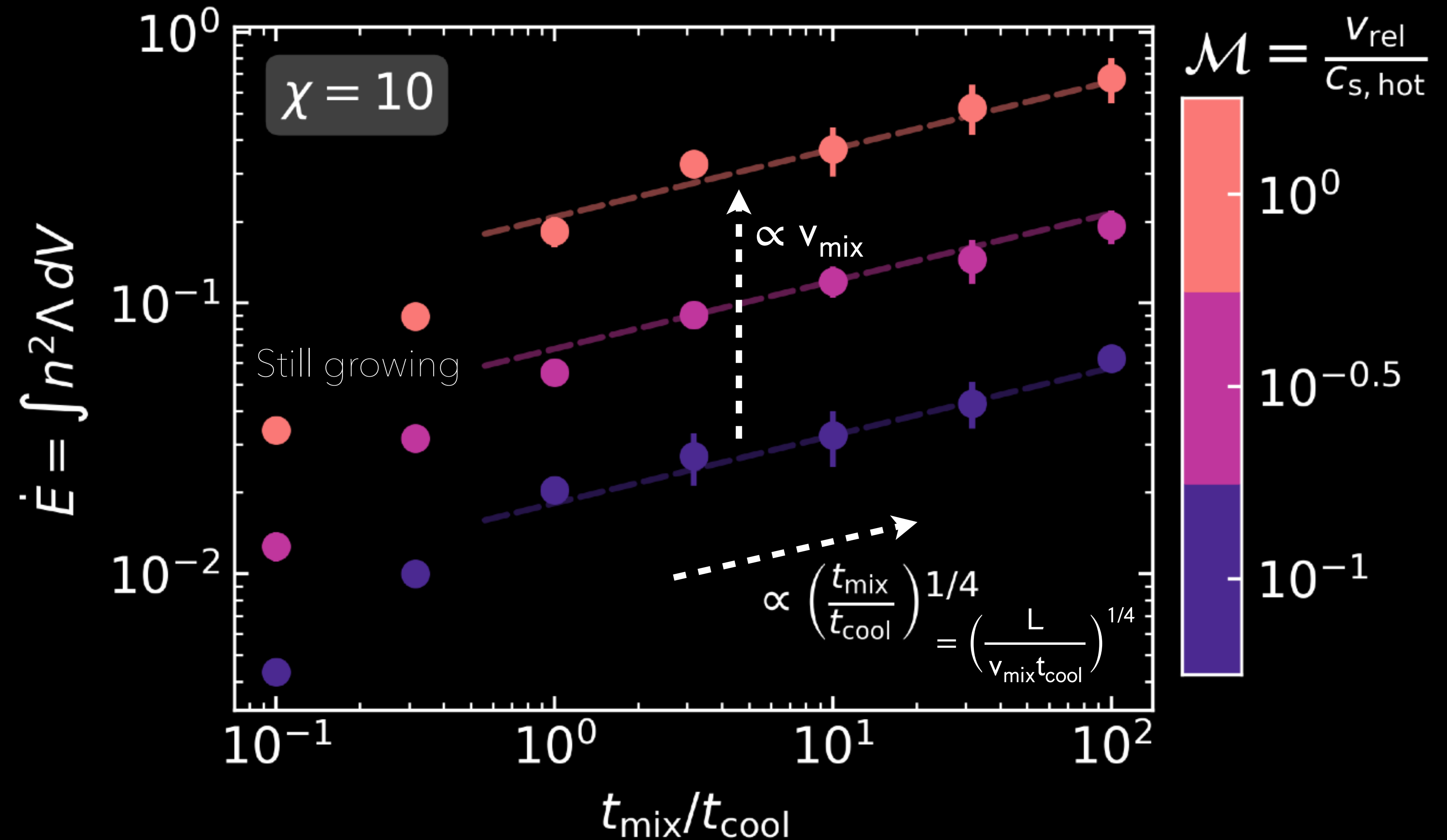
# cooling, growth, & acceleration

$$v_z = \left( \frac{L v_{\text{mix}}^3}{t_{\text{cool}}} \right)^{1/4}$$

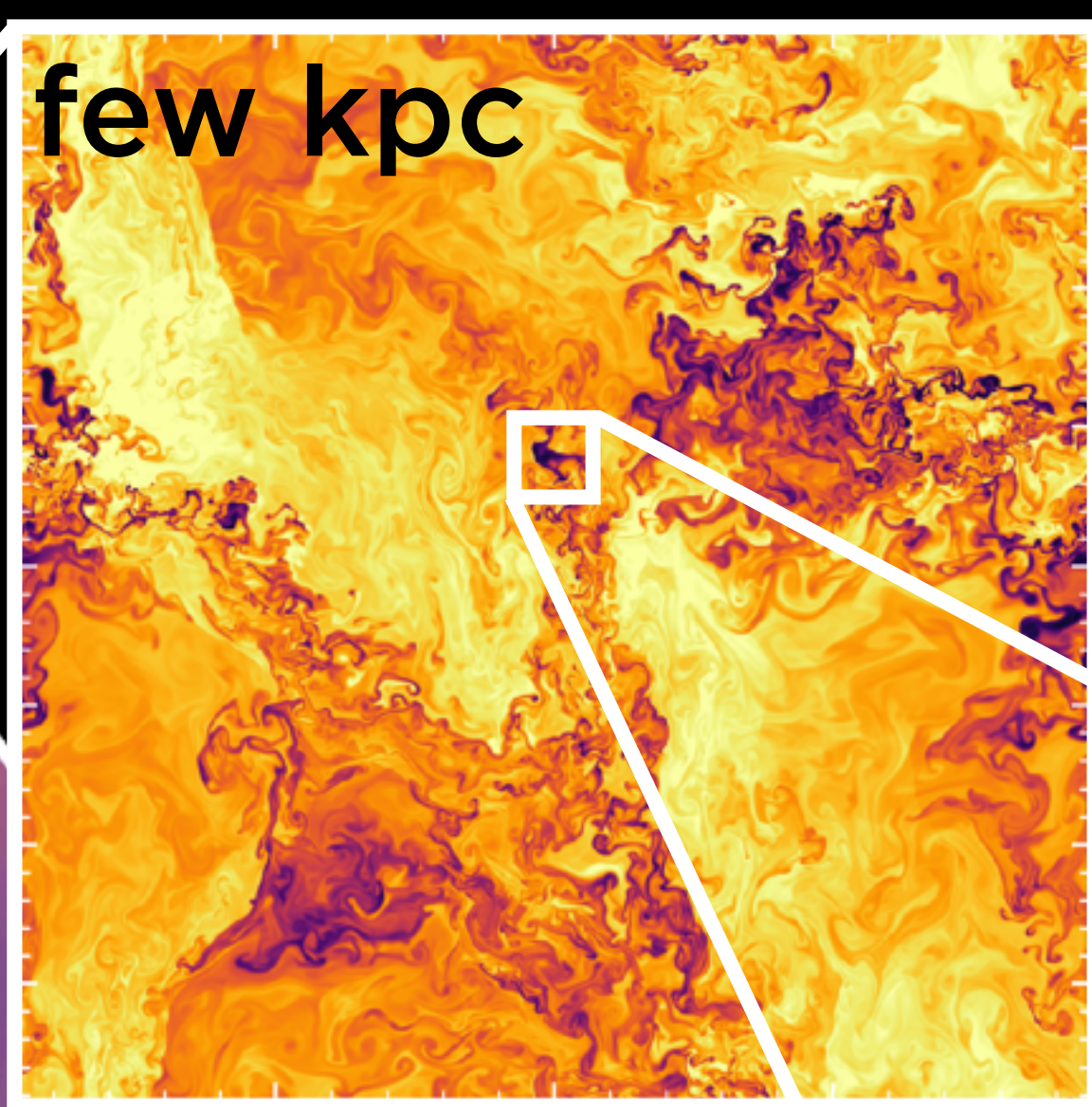
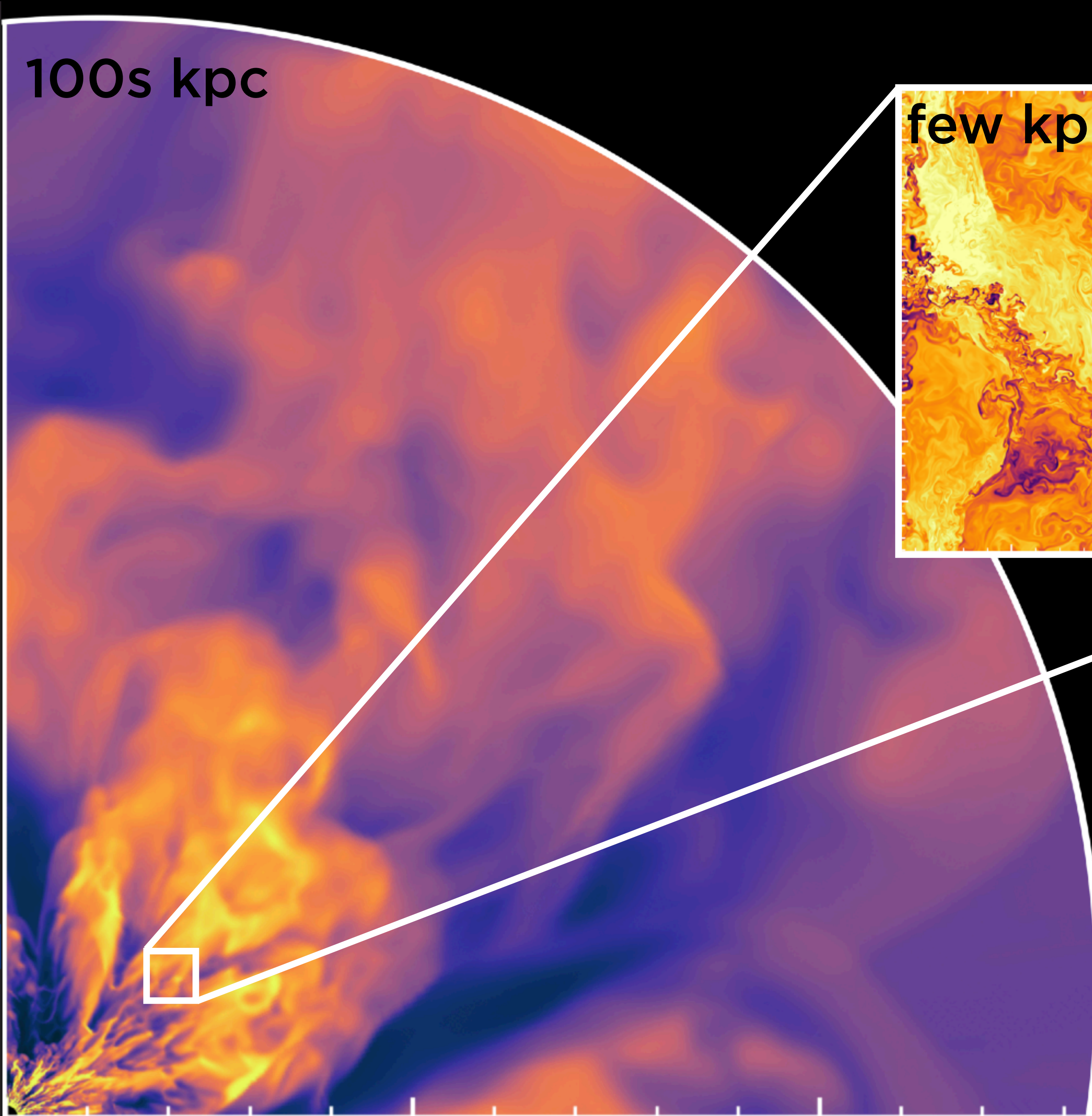
$$\dot{E}_{\text{cool}} \propto P v_z$$

$$\dot{M}_{\text{cold}} \propto \rho_{\text{hot}} v_z$$

$$\dot{P}_{\text{cold}} \propto \rho_{\text{hot}} v_{\text{rel}} v_z$$







How are mass, energy,  
and momentum  
exchanged between  
the hot and cold  
phases?

