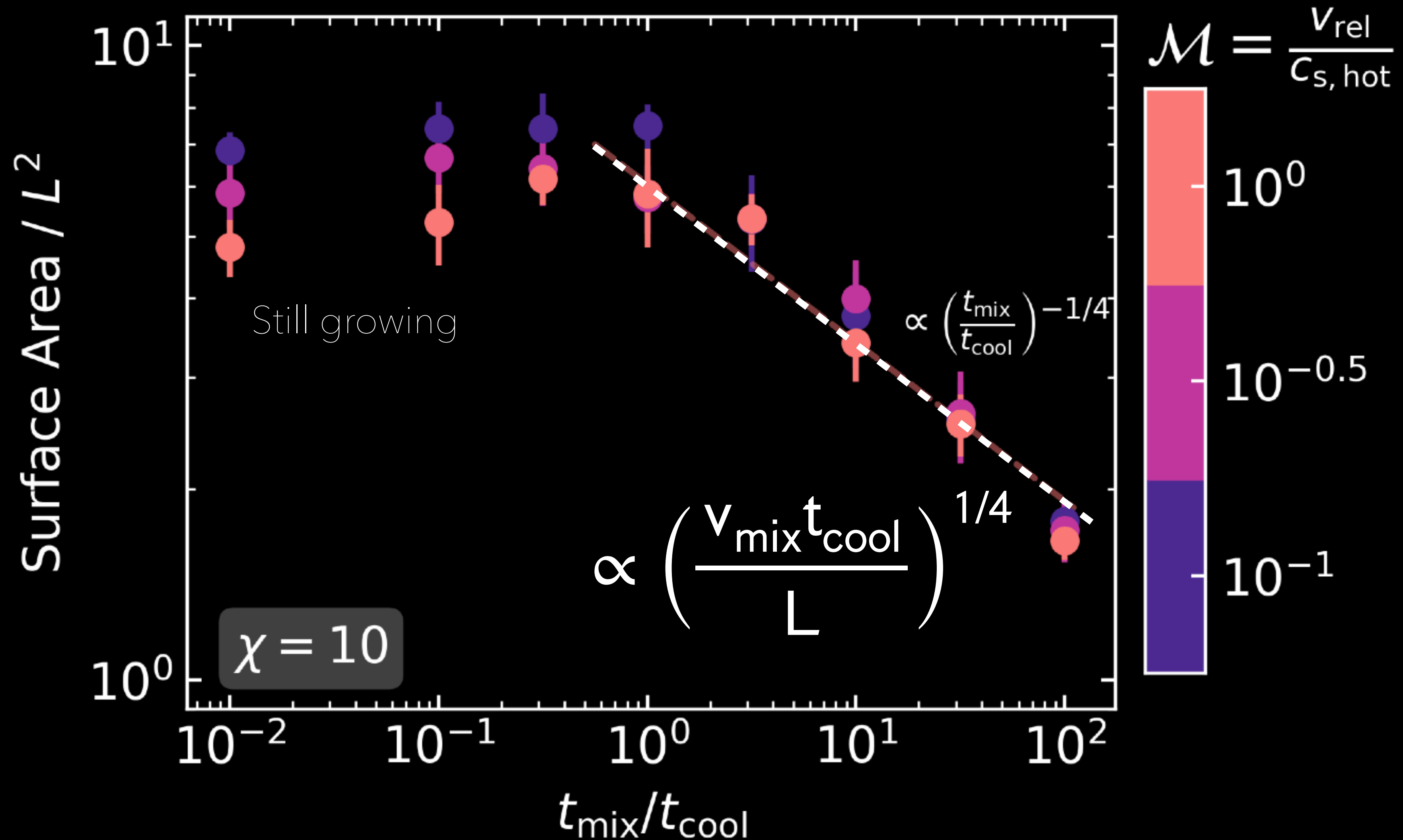


surface area of cooling gas



cooling, growth, & acceleration

