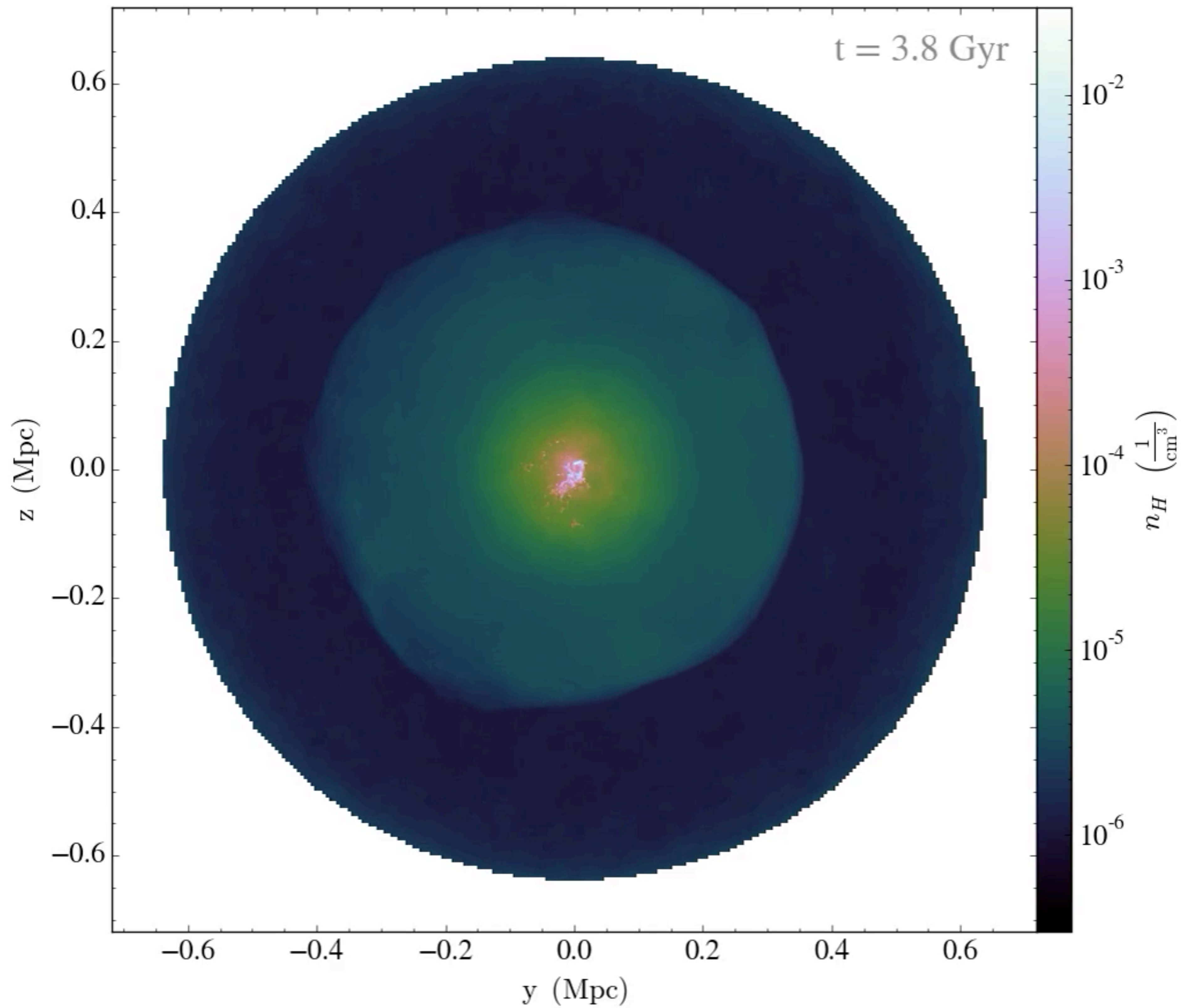


building the hot halo



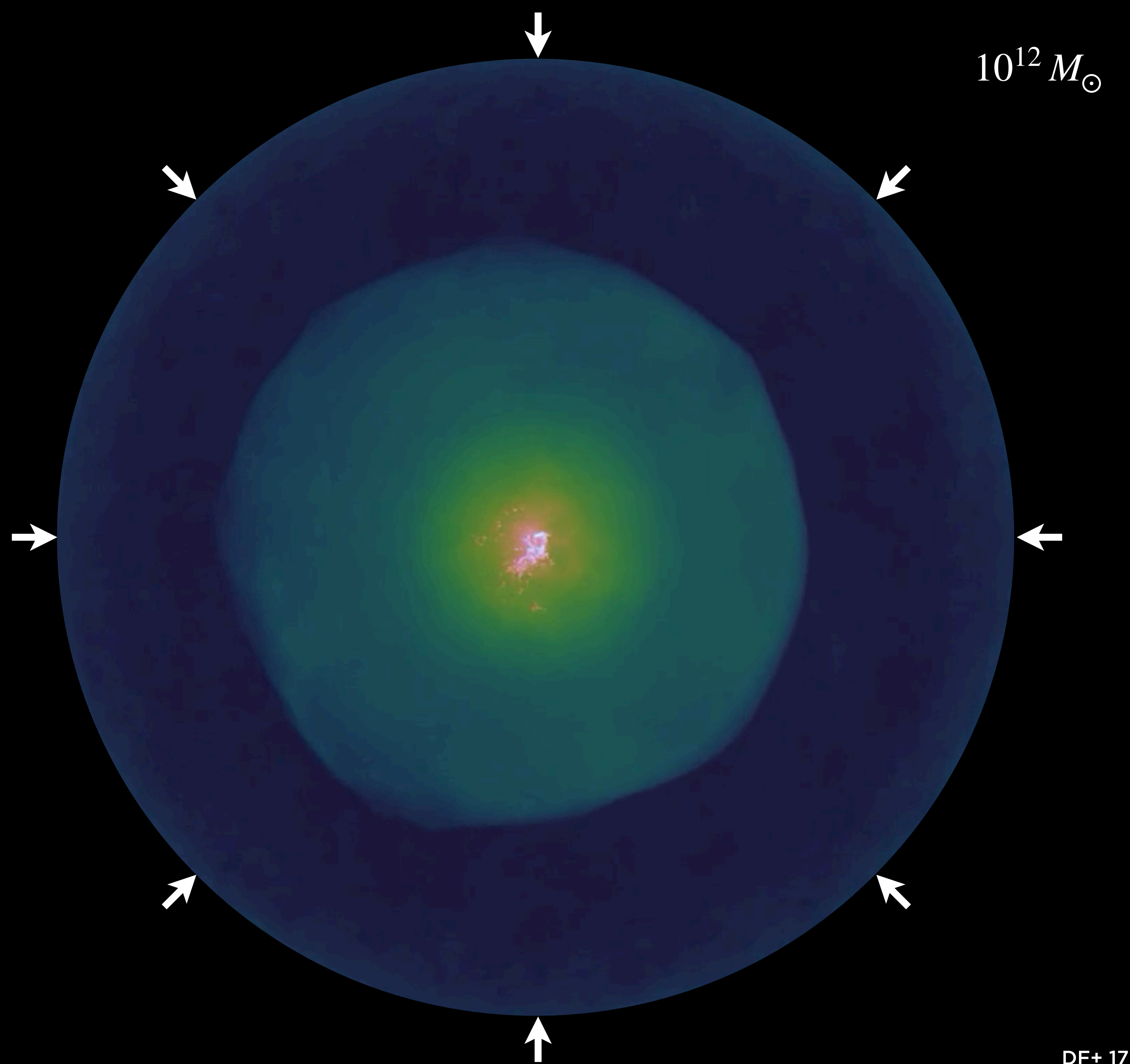
IGM accretion

building the hot halo

If accretion shock
heated gas cools
slowly

$$\left. \frac{t_{\text{cool}}}{t_{\text{ff}}} \right|_{\text{shock}} > 1$$

hot outer CGM
grows



IGM accretion

building the hot halo

If accretion shock
heated gas cools
rapidly

$$\left. \frac{t_{\text{cool}}}{t_{\text{ff}}} \right|_{\text{shock}} < 1$$

feedback and
turbulence
dominate

