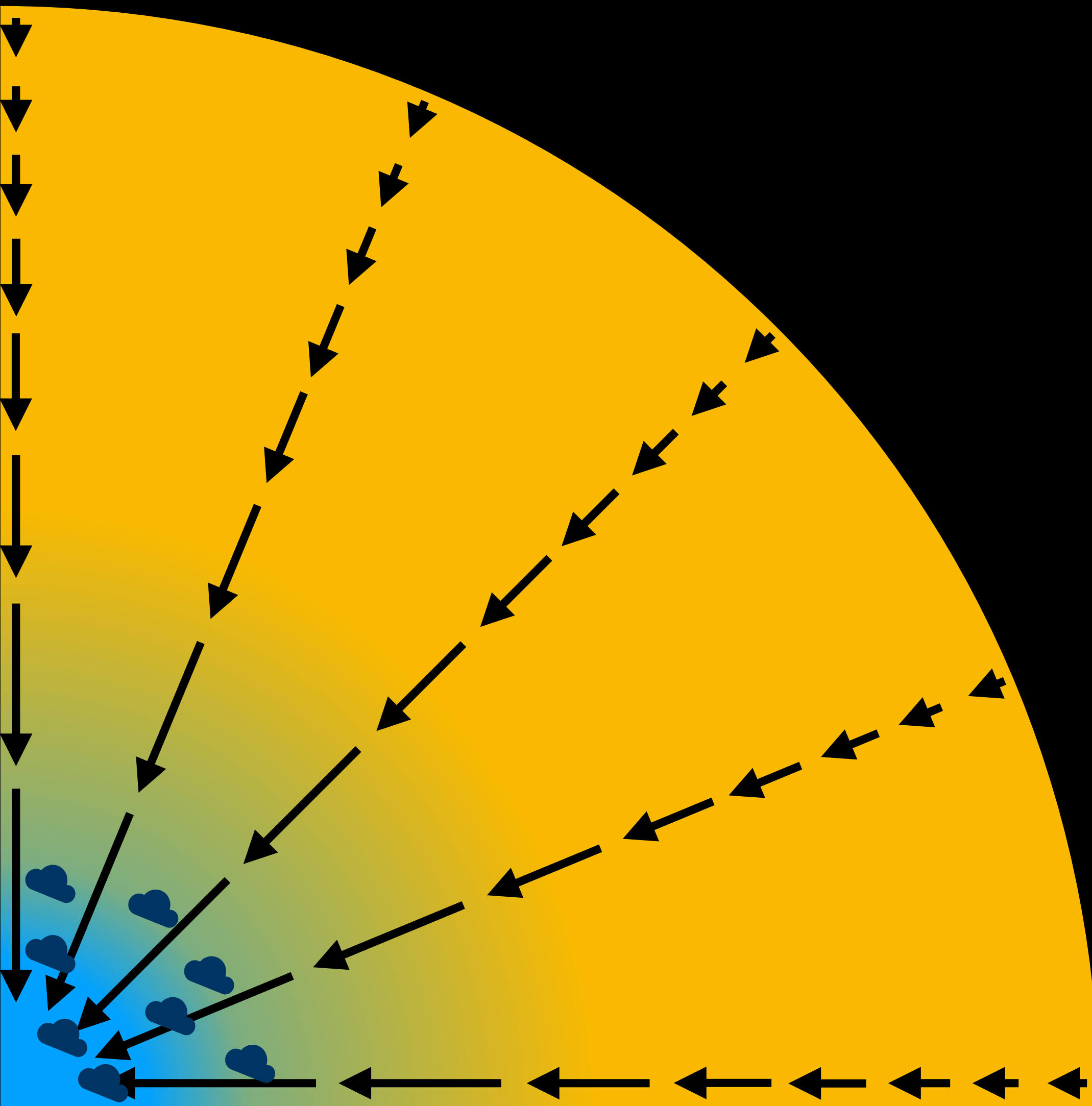


out of pressure equilibrium

supersonic cooling flow



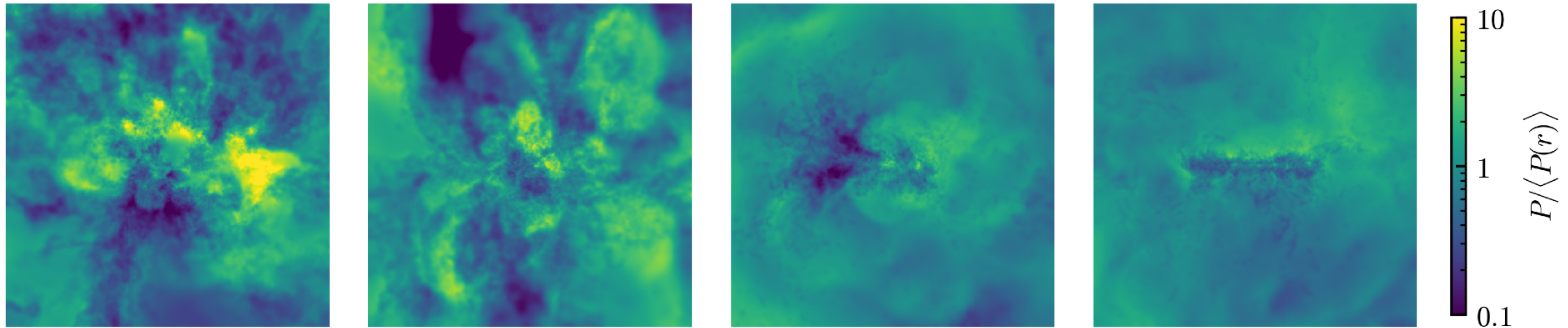
moving too fast
+
cooling too fast

since $\frac{t_{\text{cool}}}{t_{\text{flow}}} = 1$

and $\mathcal{M} > 1$

out of pressure equilibrium

supersonic cooling flow



supersonic ← → subsonic