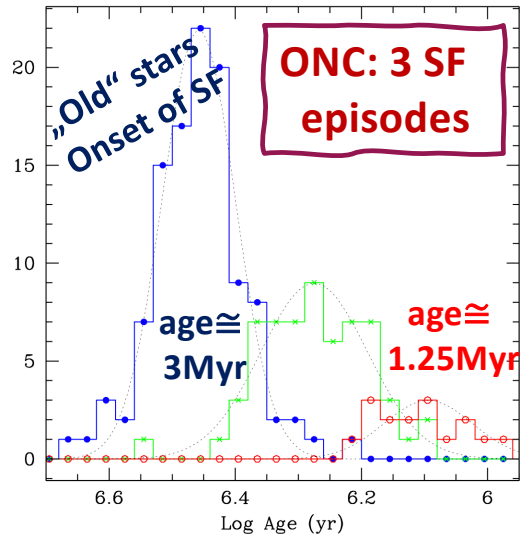


Fig. 6, Beccari+ 2017

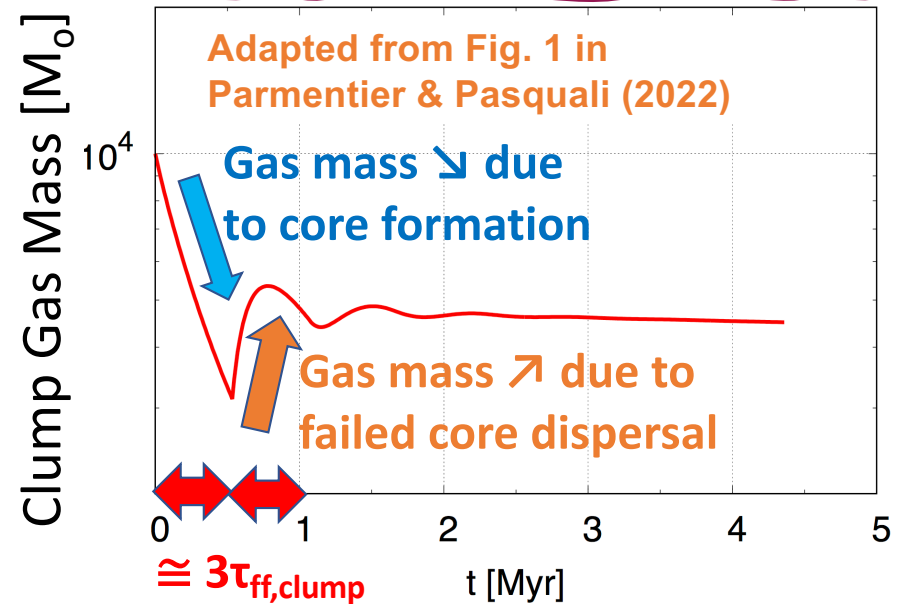


Rebounding Cores to Build SC Multiple Populations

$$SFR = \frac{\epsilon_{ff,st} m_{gas}}{\tau_{ff}}$$

$$CoFR = \frac{\epsilon_{ff,co} m_{gas}}{\tau_{ff}}$$

Gas mass & SF bouncing back with failed cores



Adapted from Fig. 1 in Parmentier & Pasquali (2022)
<https://arxiv.org/abs/2110.14470>

SMS? ($\propto m_{cl}$)

Multi-Pop diversity & Connection to GCs (Sec. 7 of paper)

YES	Smooth SFH Abundance spread	Bumpy SFH Abundance spread
NO	Smooth SFH No abundance spread	Bumpy SFH No abundance spread
	Few	Many ($\propto \epsilon_{ff,co}, \epsilon_{ff,pre-st-co}, t_{fco}/\tau_{ff,clump}$)

Failed cores?

