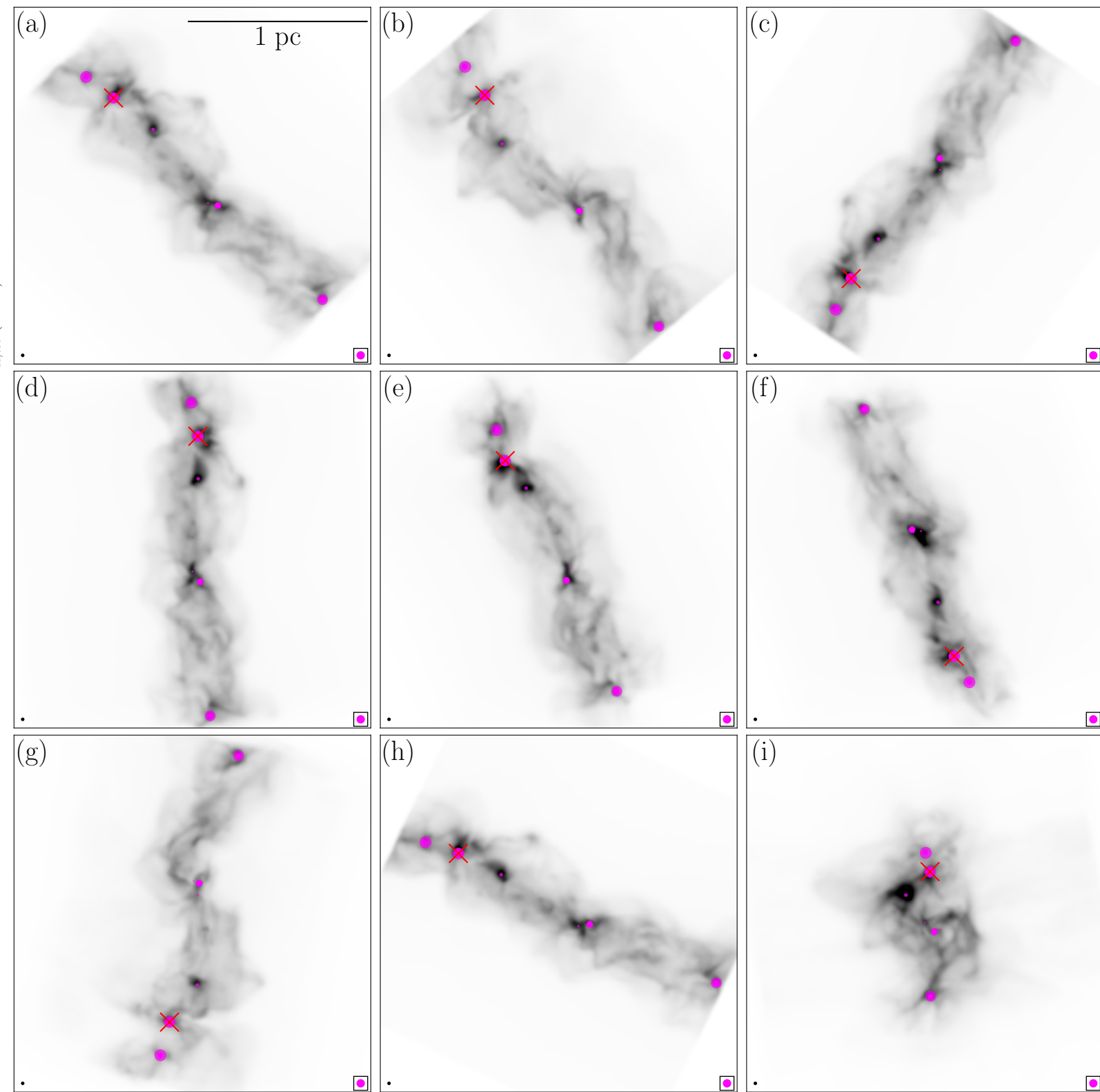
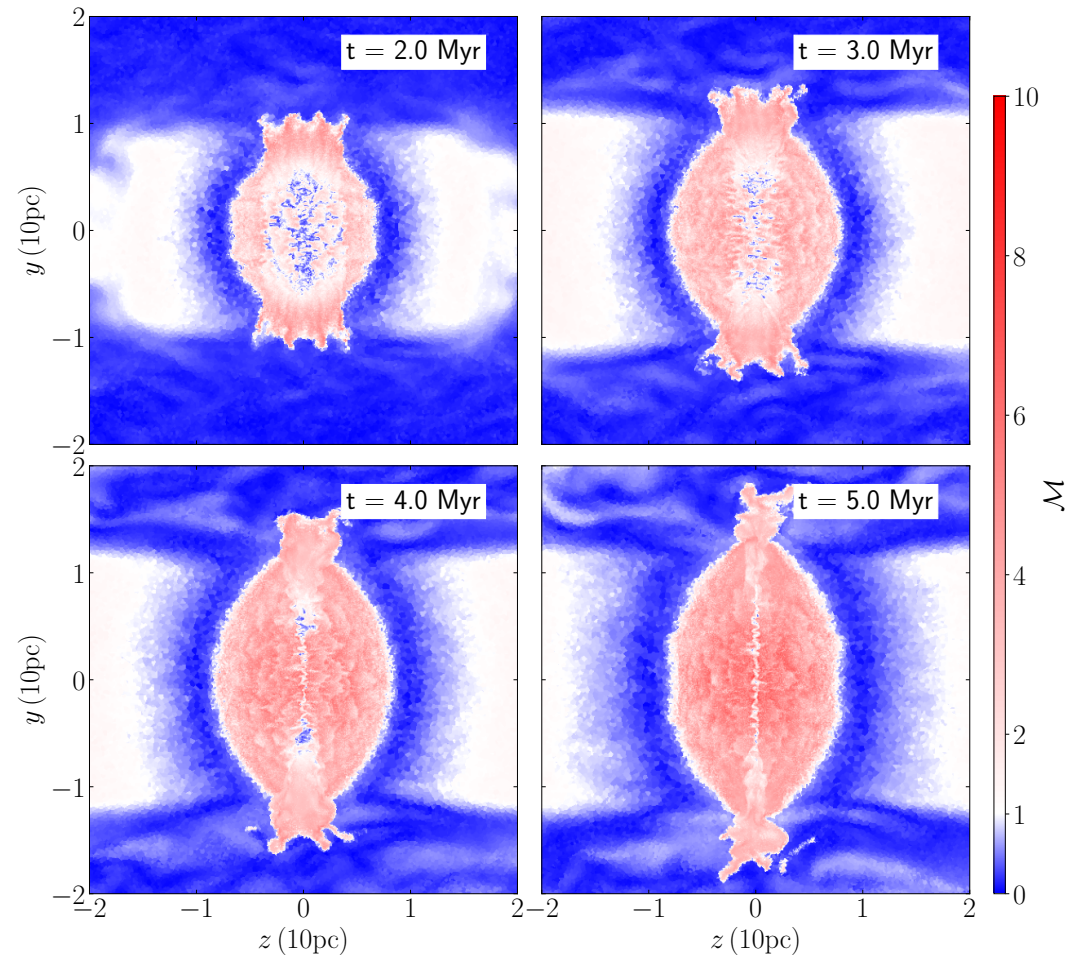
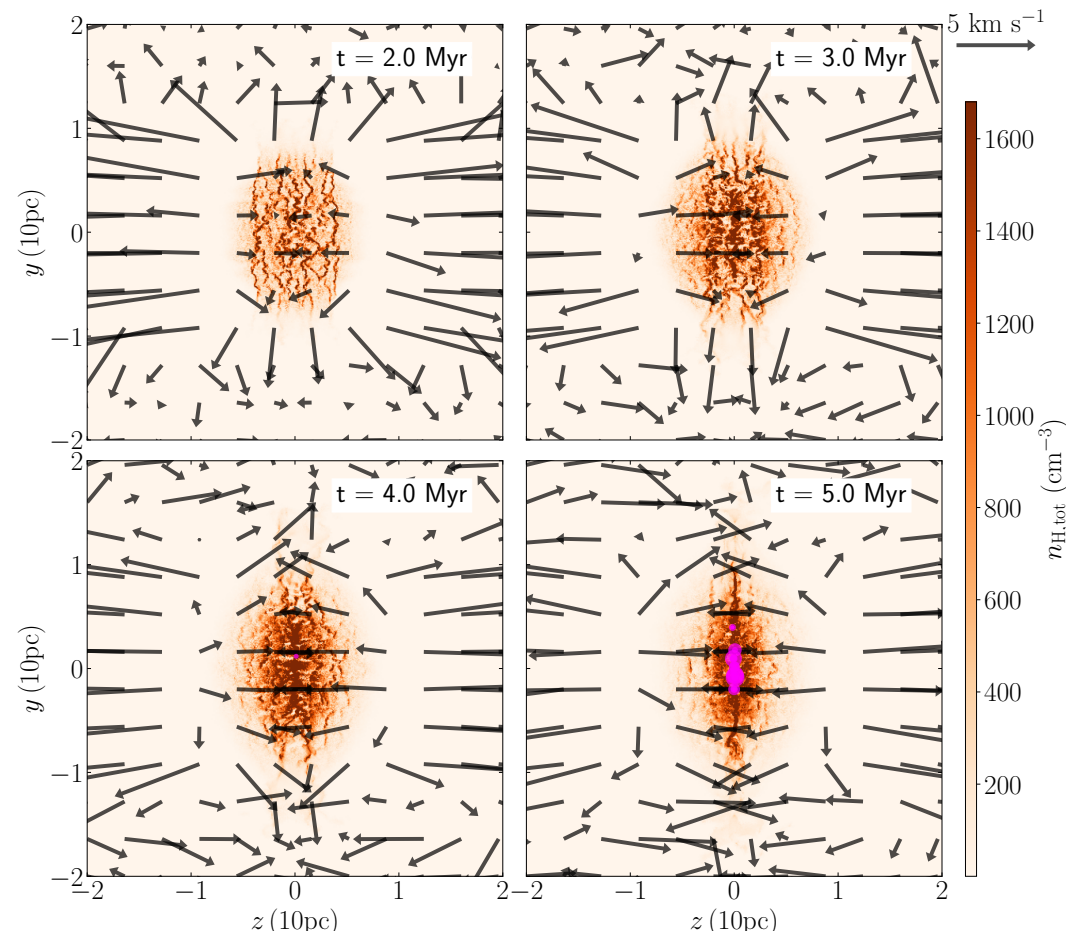


# An independent test with the Arepo code for the formation of a 20 pc molecular filament due to CNM collision

-- CMR confirmed with Arepo and sink formation without global collapse (maybe eventually)



CMR model  
mid-plane  
sonic  $\mathcal{M}$

CMR model  
synthetic  $250\mu\text{m}$   
emission