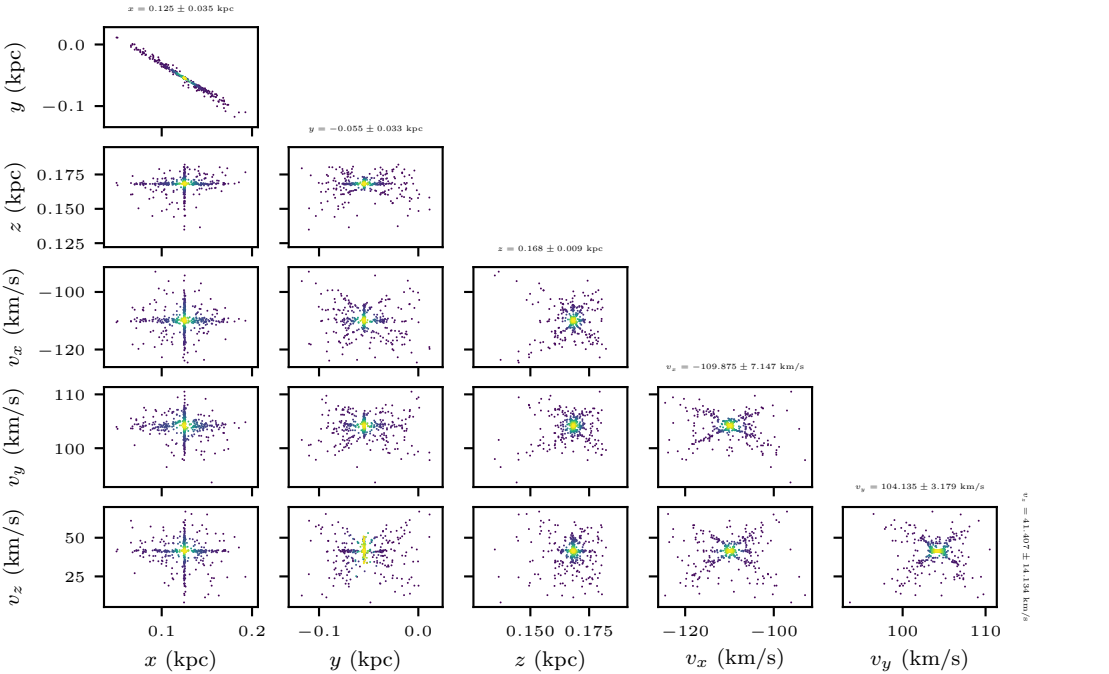Cluster 6 ($D_{\rm naive,pca} = 5, 1$), $t_{\rm sim} = 100$ Myr