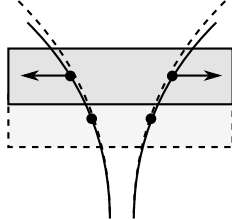
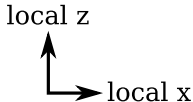


oppositely-charged tracks
contribute to x residuals
with opposite signs: two-bin
method cancels their effect



oppositely-charged tracks
contribute to "z residuals"
with the same sign: two-bin
method does not solve it