

MCS in LH_2 , Field-off



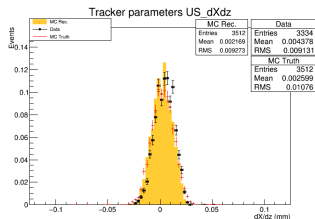
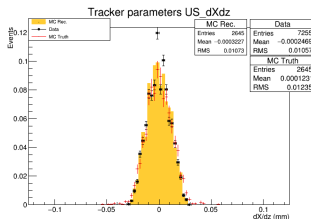
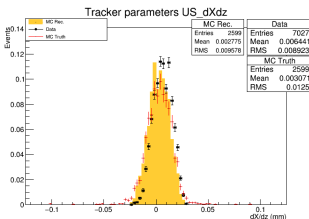
Overview of recent developments

- Pion contamination is examined in terms of systematic uncertainties it produces
- Recon./Truth comparison in trackers:
 - Truth angular distribution in US tracker appears wider than Recon.
 - Truth from wrong VP is assessed as a cause
 - Tracker rotation is examined as a cause in local simulation

170MeV/c Abs. Empty Data set, dX/dZ UST



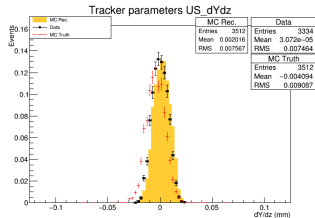
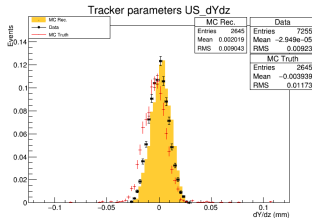
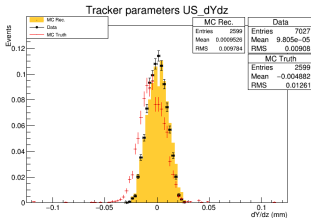
RMS of Truth angular distr. larger than that of Recon.



170MeV/c Abs. Empty Data set, dY/dZ UST



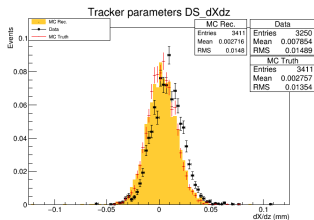
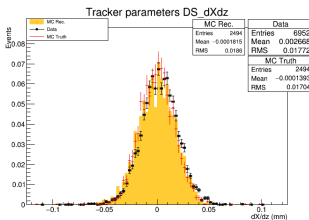
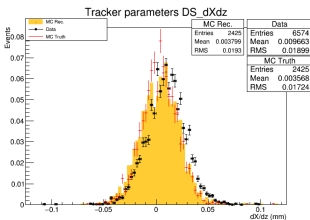
RMS of Truth angular distr. larger than that of Recon.



170MeV/c Abs. Empty Data set, dX/dZ DST



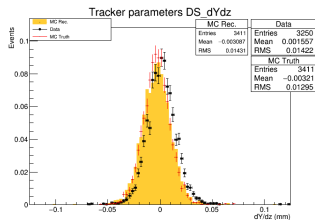
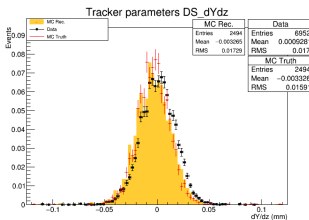
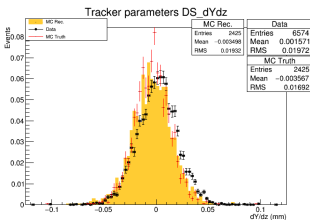
Does not occur in DST



170MeV/c Abs. Empty Data set, dY/dZ DST



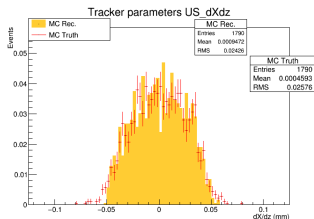
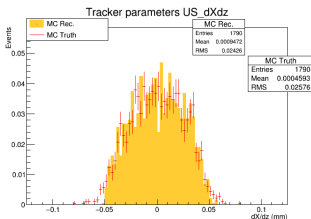
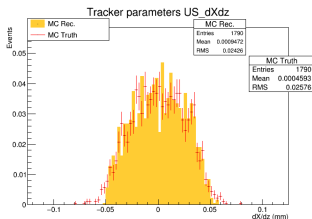
Does not occur in DST



170MeV/c Empty Abs. geometry MC, dX/dZ UST



Reproduction with "default" beam, same geometry



170MeV/c Empty Abs. geometry MC, UST



Residuals of VP pos. - US reference plane pos.

