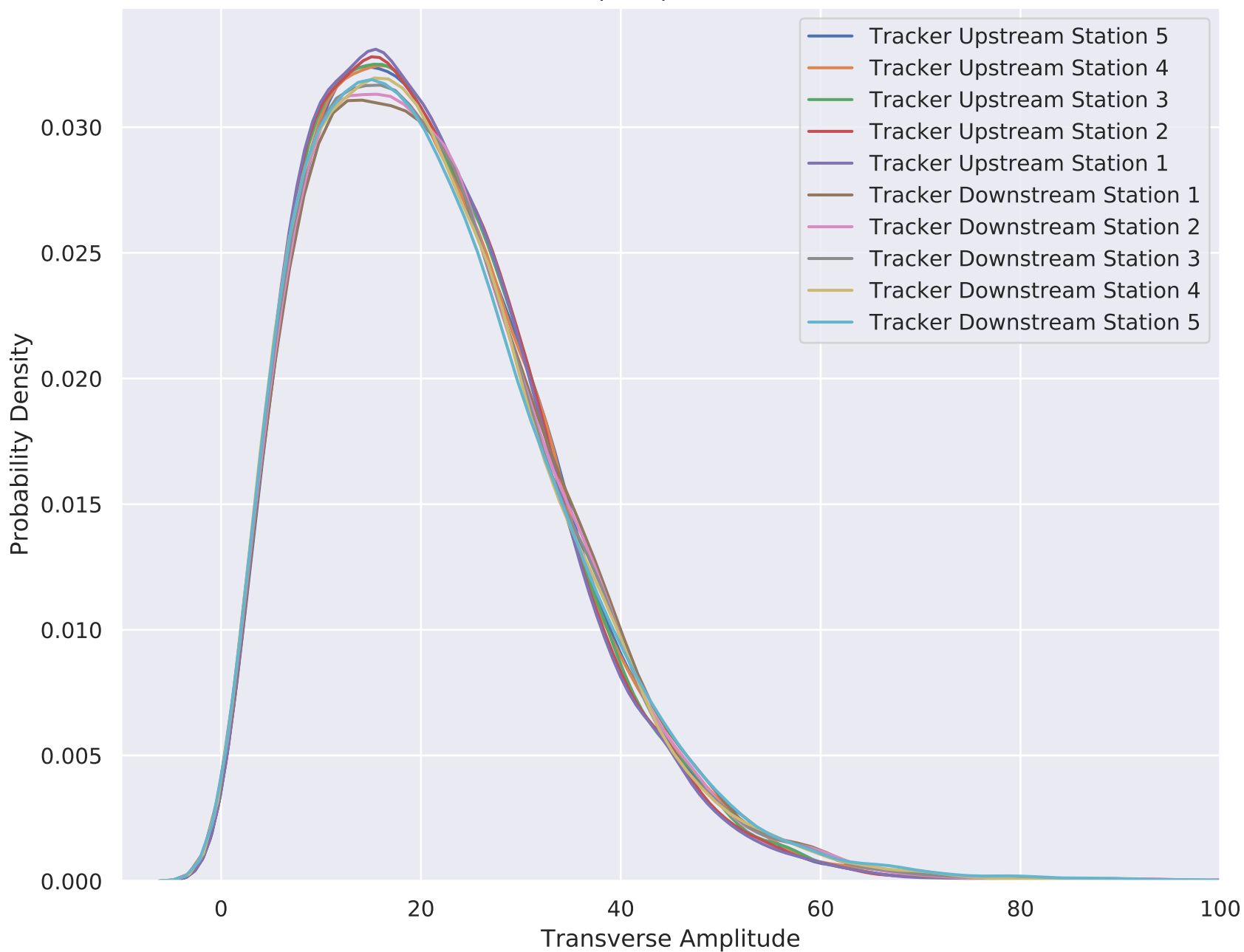
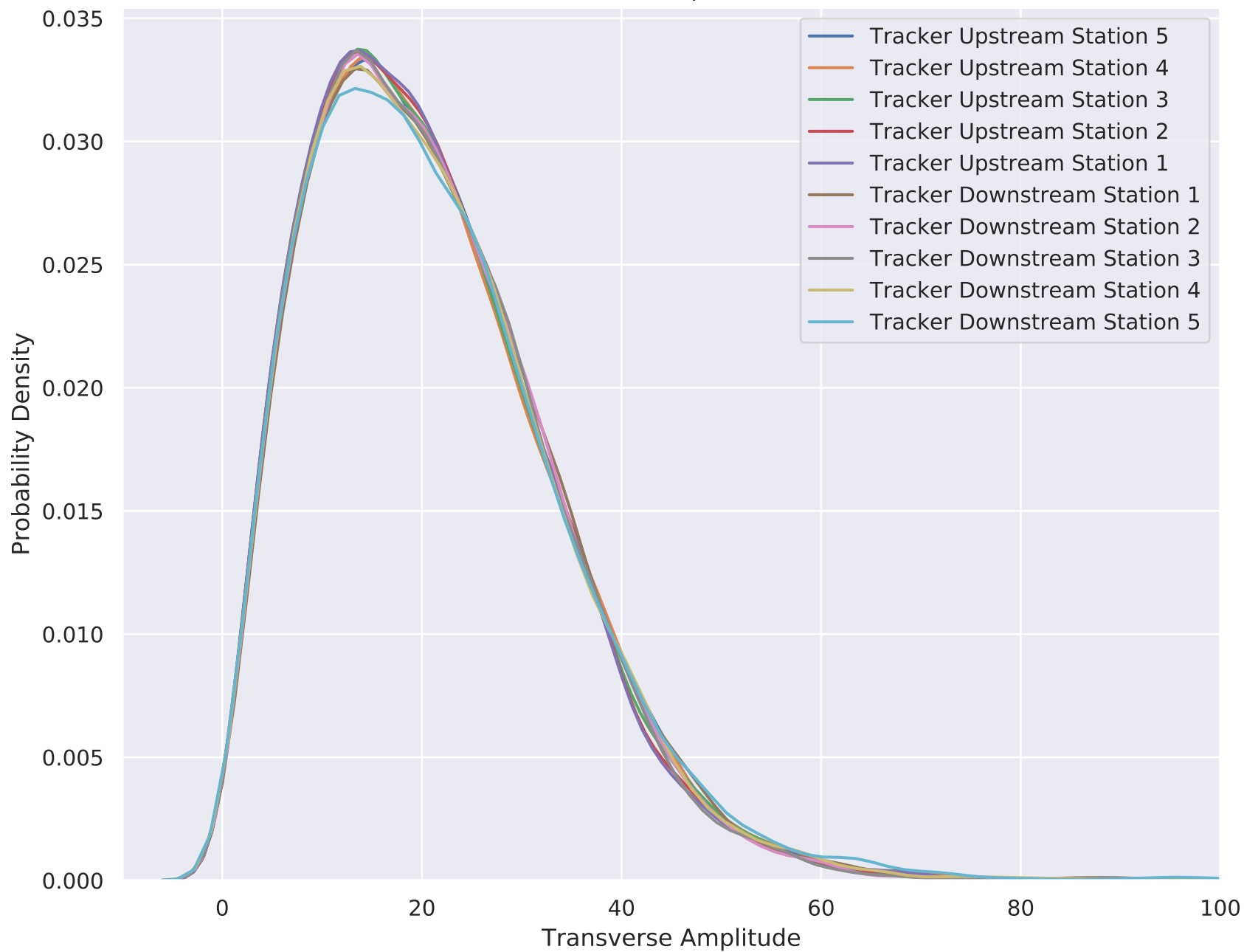


6-140 No Absorber Flip Amplitude MC Recon (TOF2 cut)

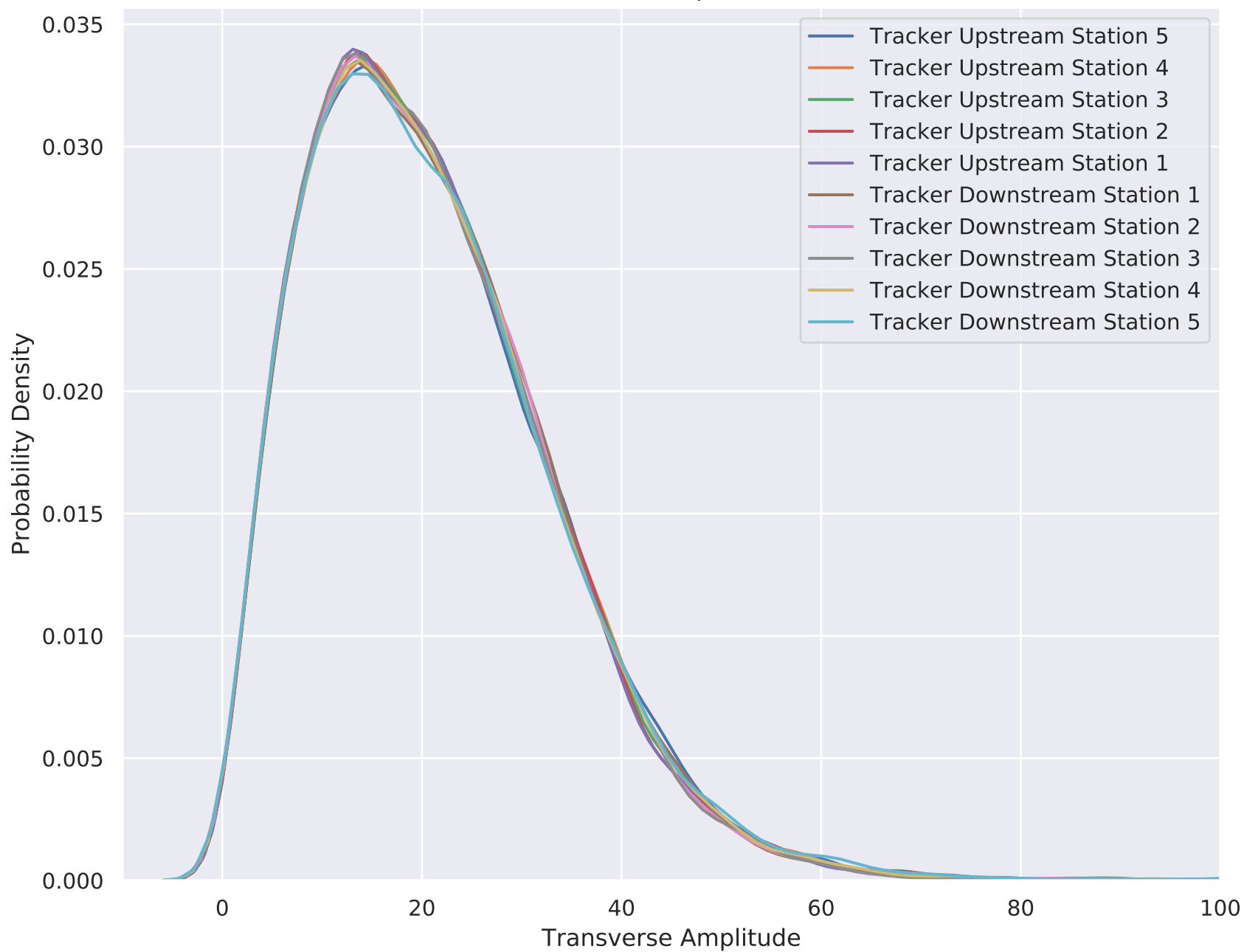


6-140 No Absorber Solenoid Amplitude MC Recon (TOF2 cut)

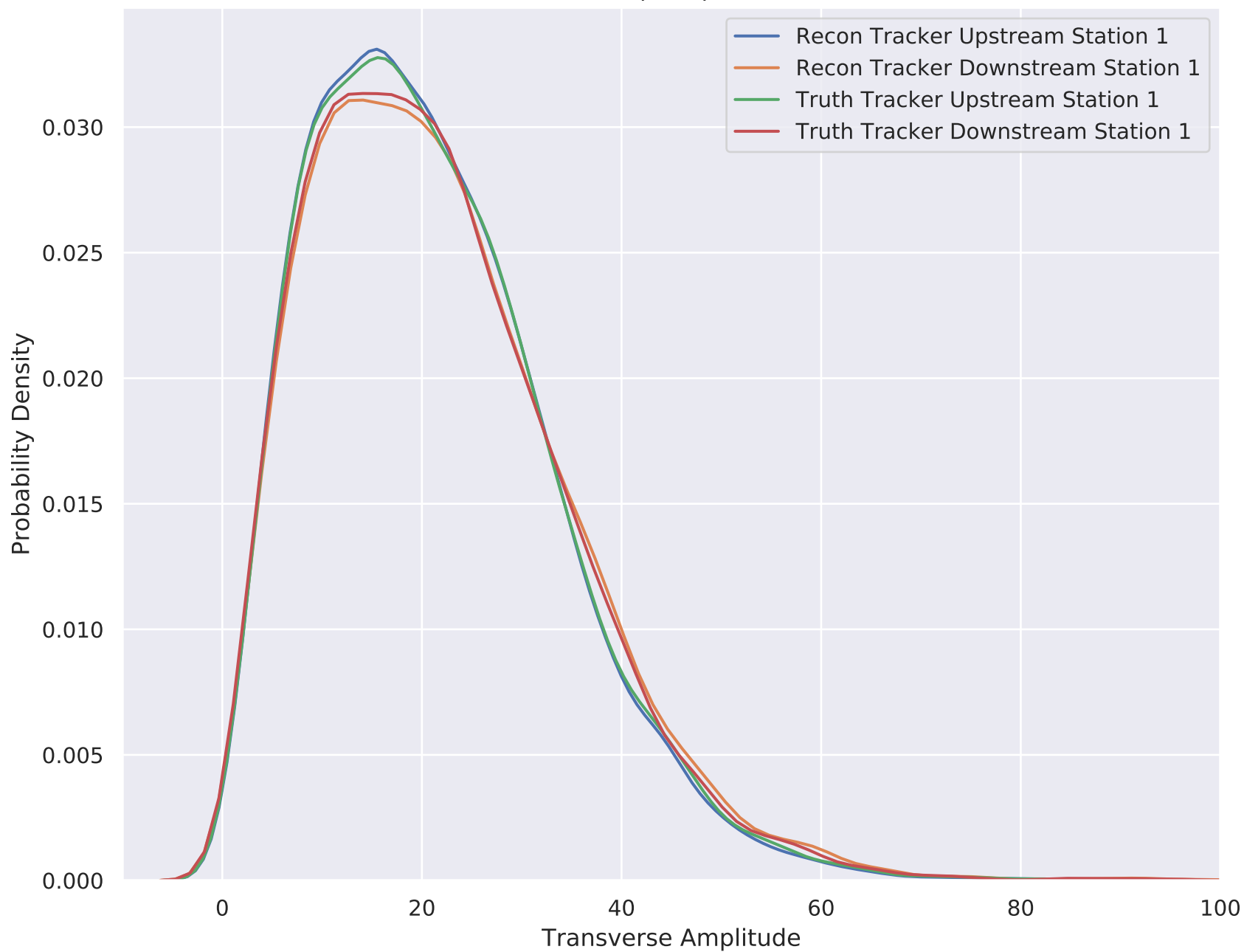




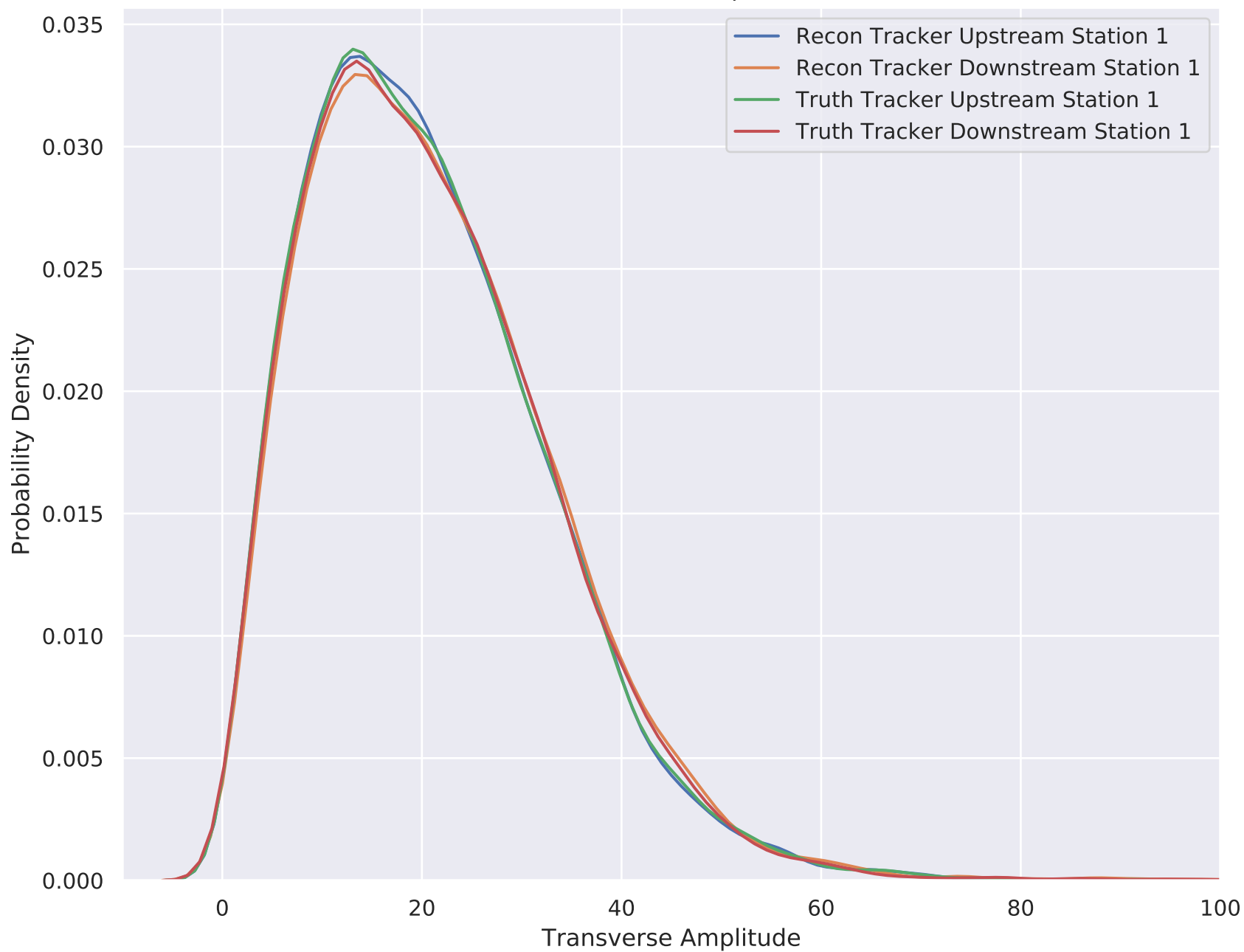
6-140 No Absorber Solenoid Amplitude MC Truth (TOF2 cut)



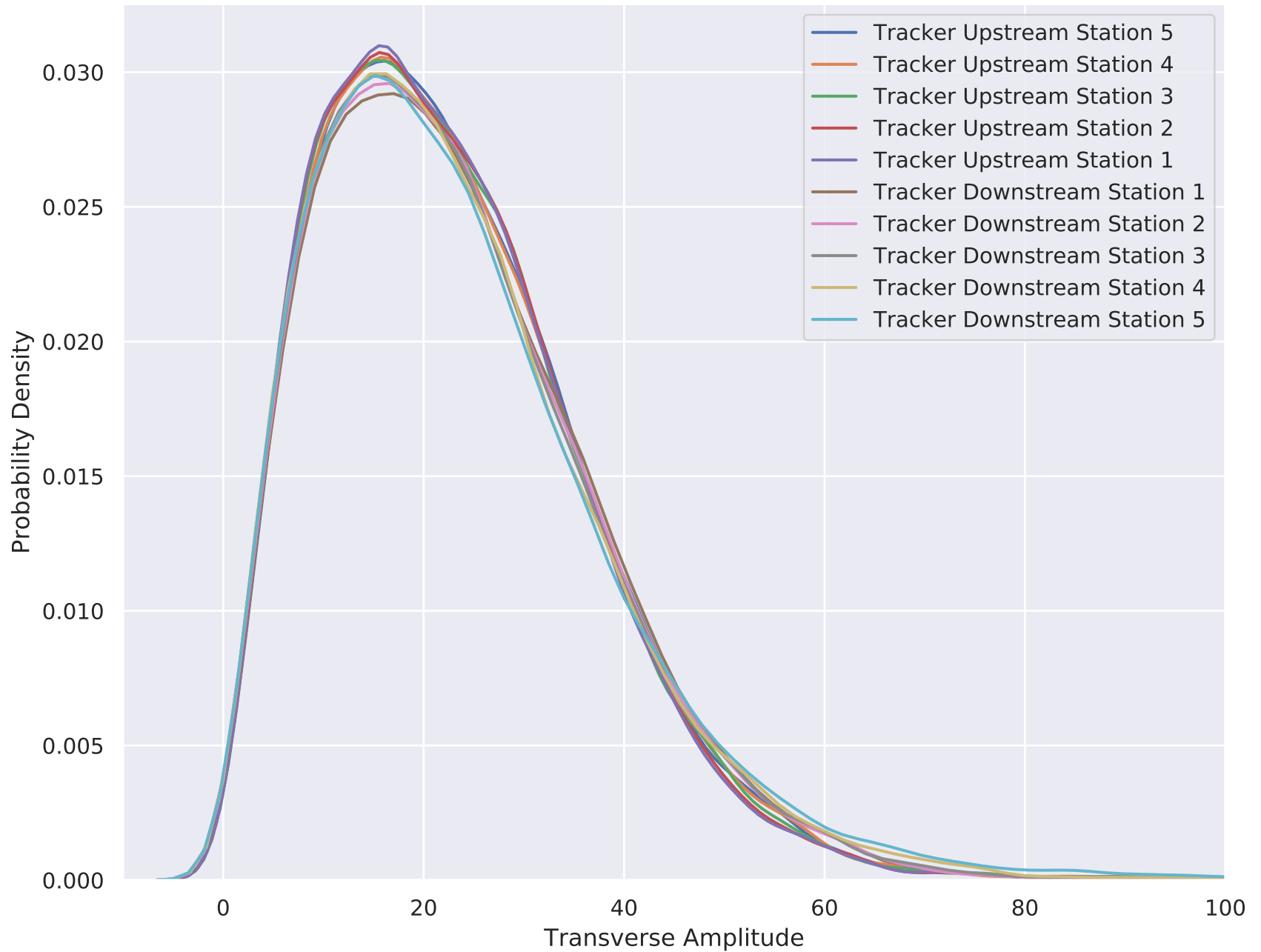
6-140 No Absorber Flip Amplitude MC (TOF2 cut)



6-140 No Absorber Solenoid Amplitude MC (TOF2 cut)



6-140 No Absorber Flip Amplitude MC Recon (Downstream cut)



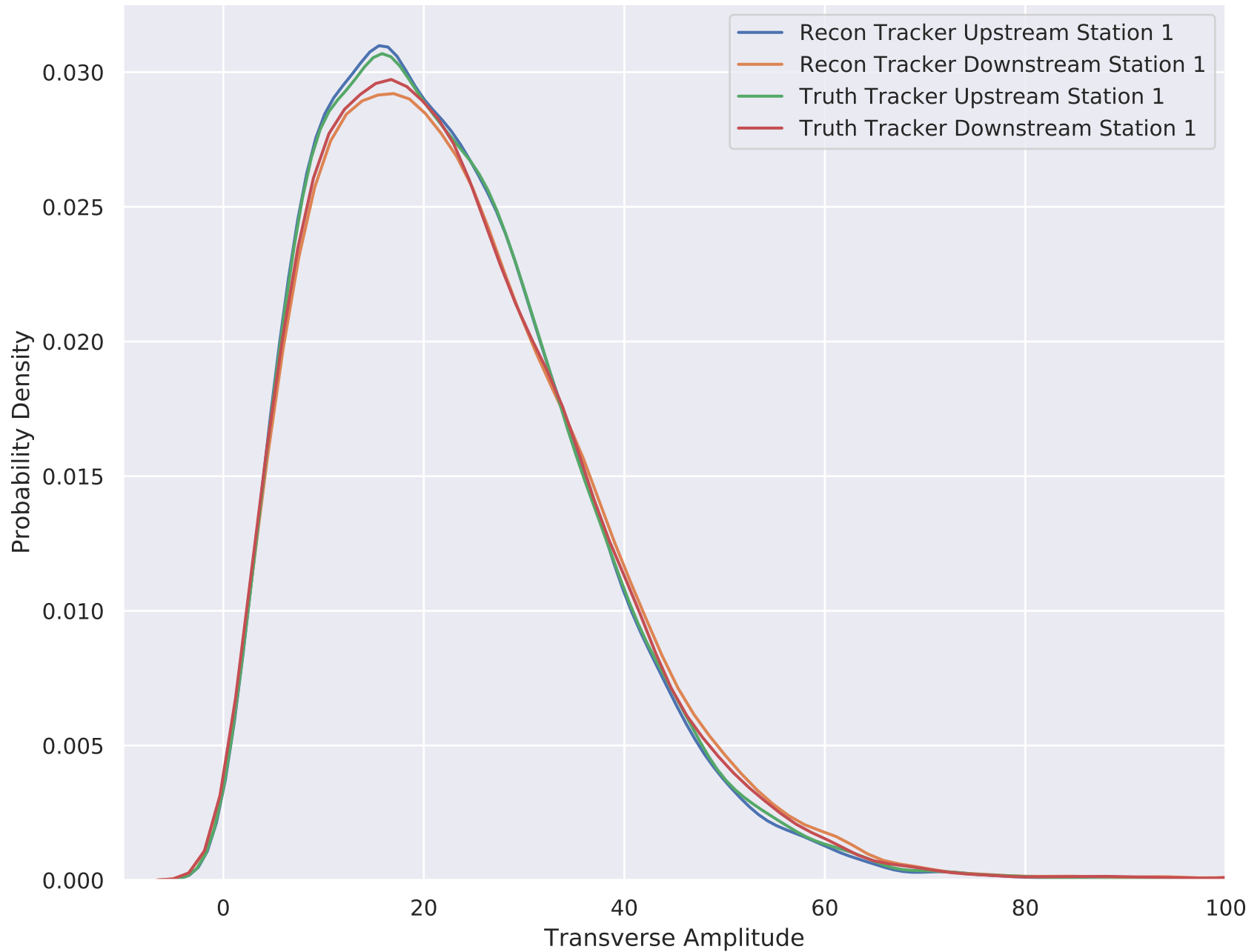




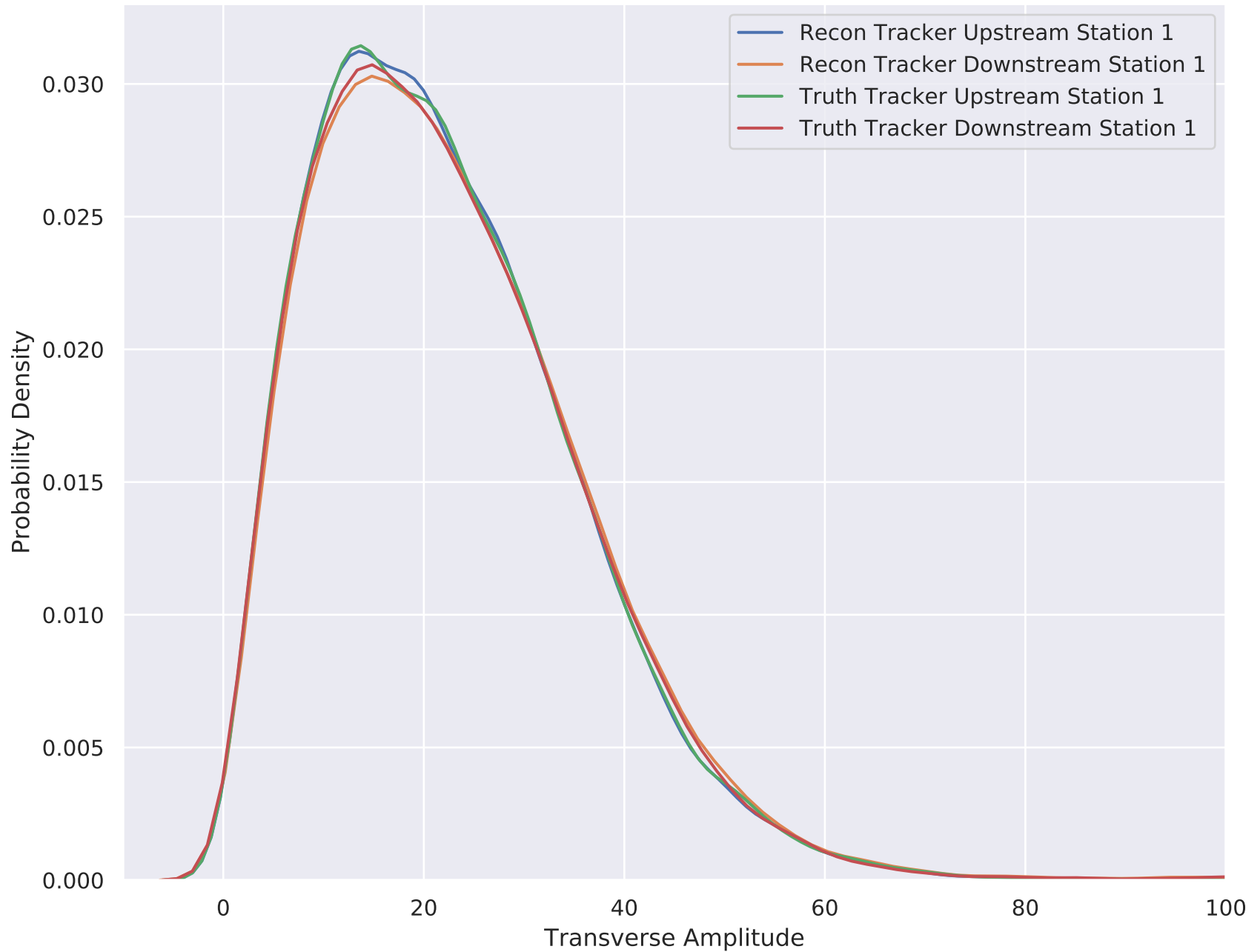




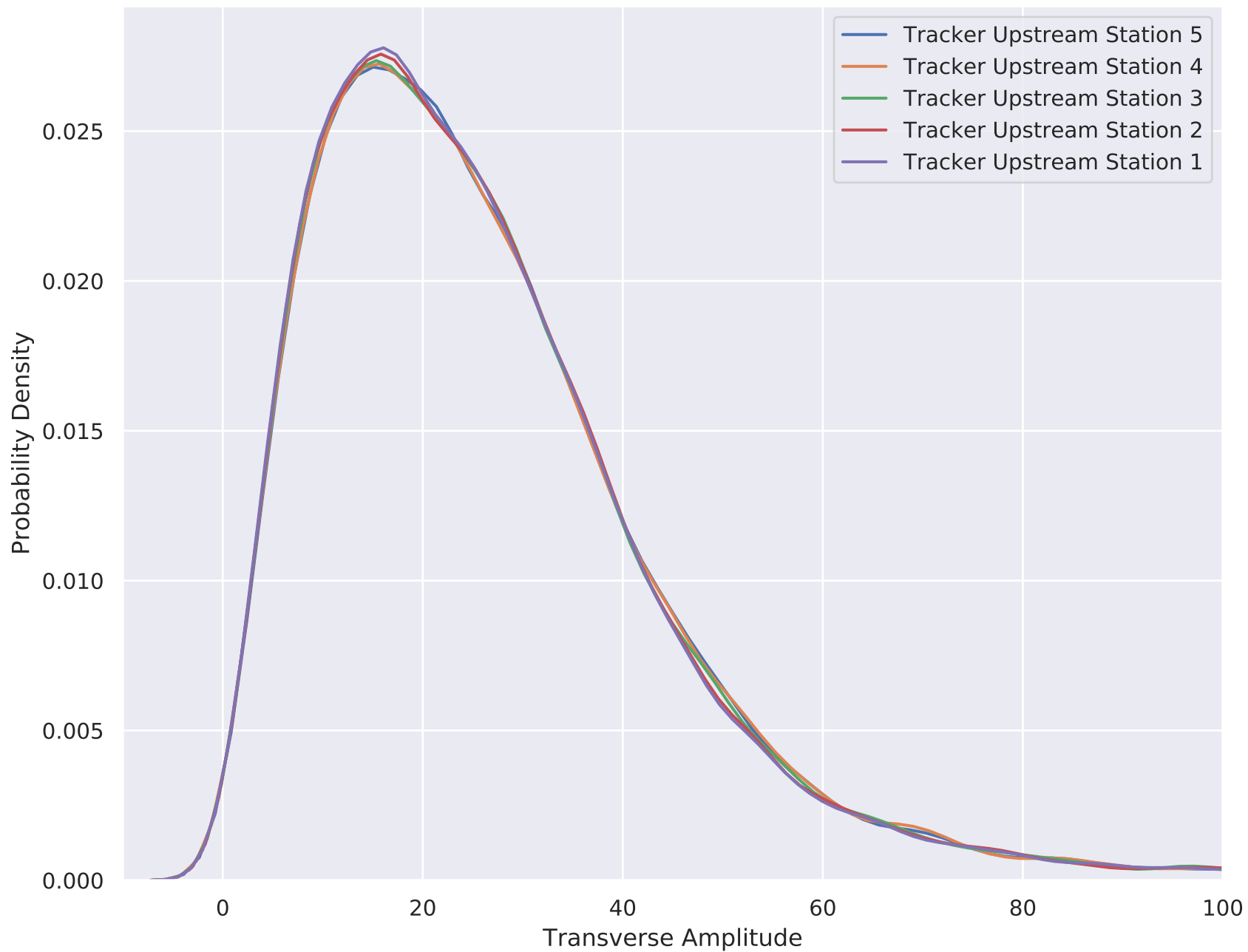
6-140 No Absorber Flip Amplitude MC (Downstream cut)



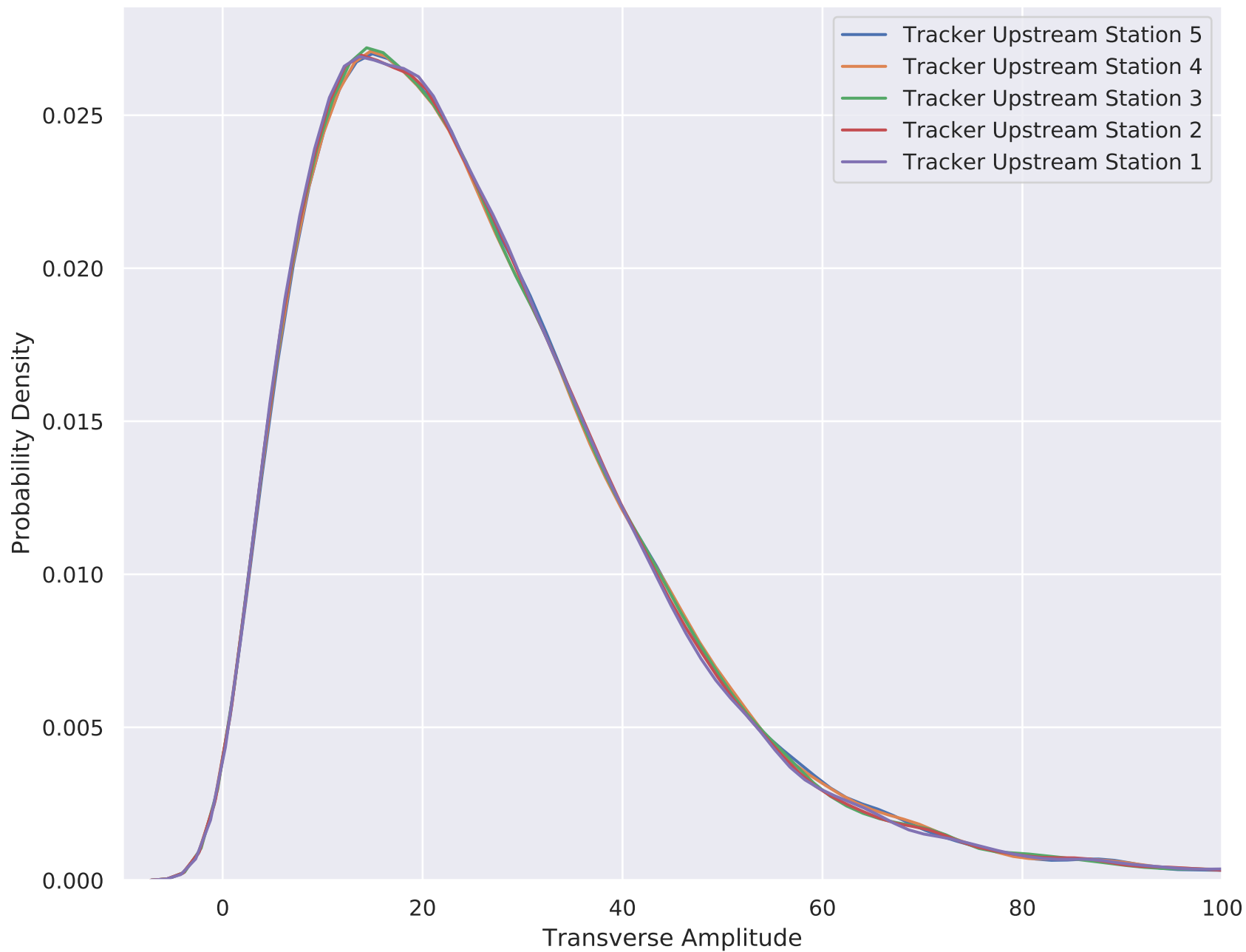
6-140 No Absorber Solenoid Amplitude MC (Downstream cut)



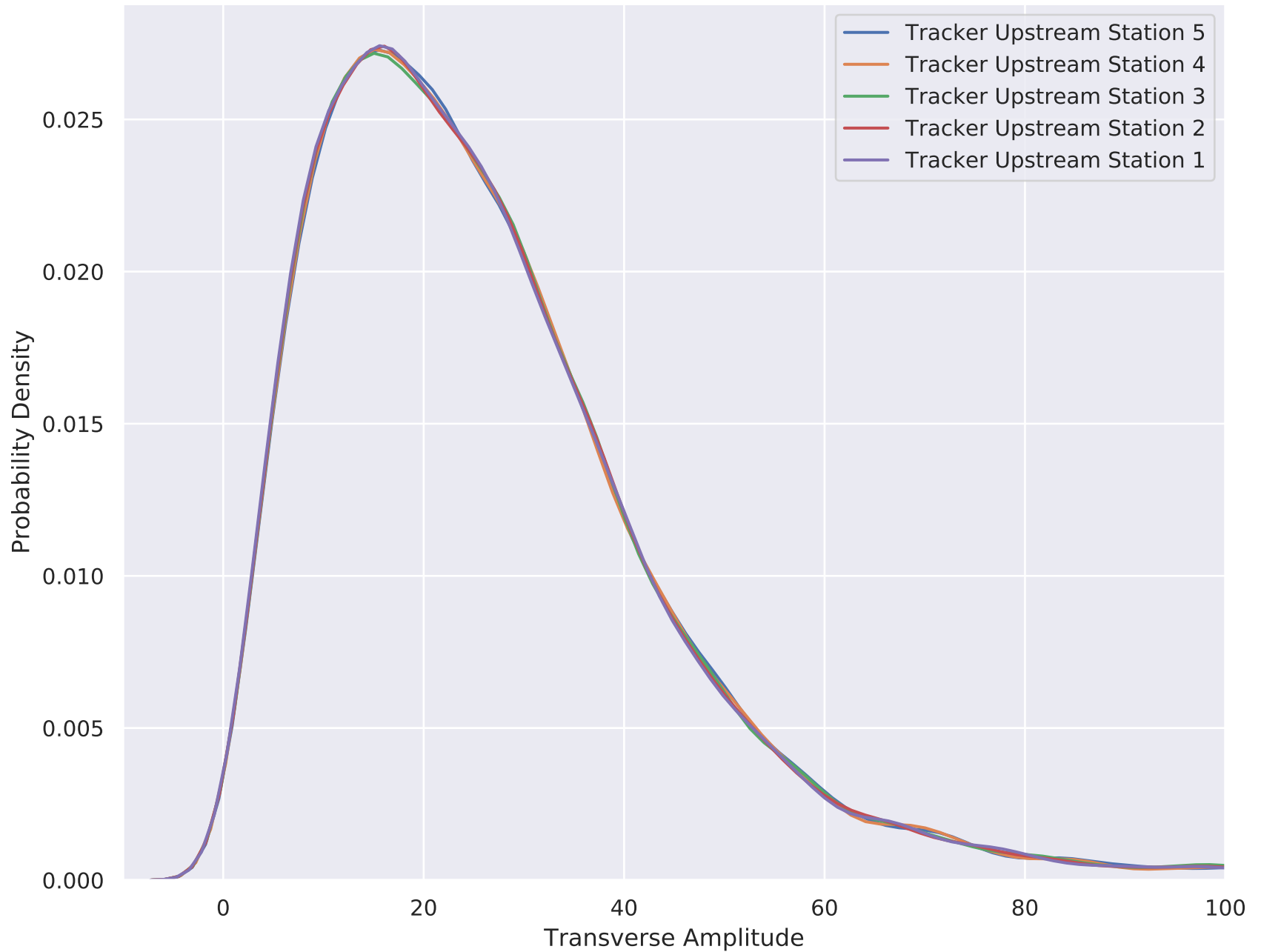
6-140 No Absorber Flip Amplitude MC Recon (Full Upstream)



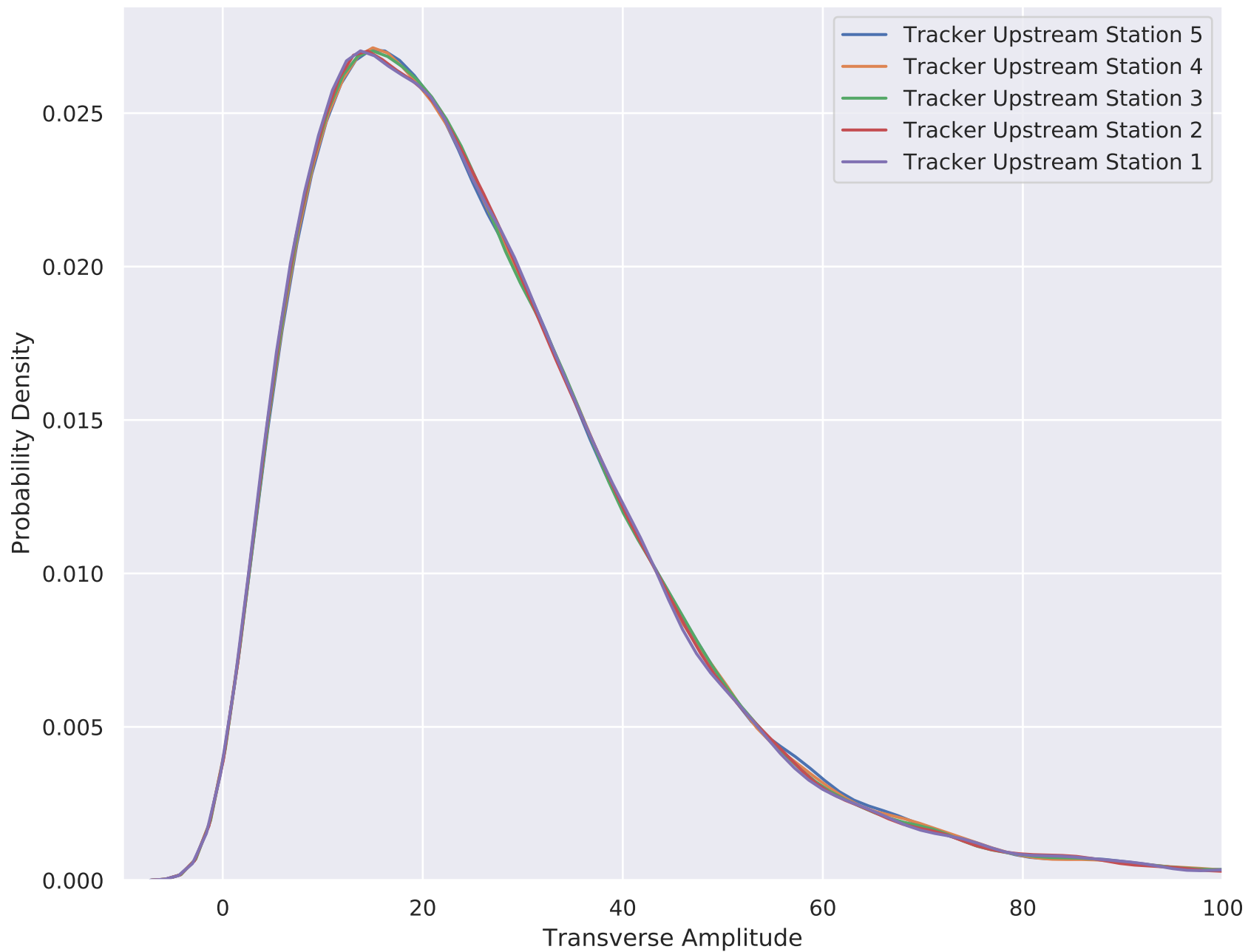
6-140 No Absorber Solenoid Amplitude MC Recon (Full Upstream)



6-140 No Absorber Flip Amplitude MC Recon (Full Upstream)

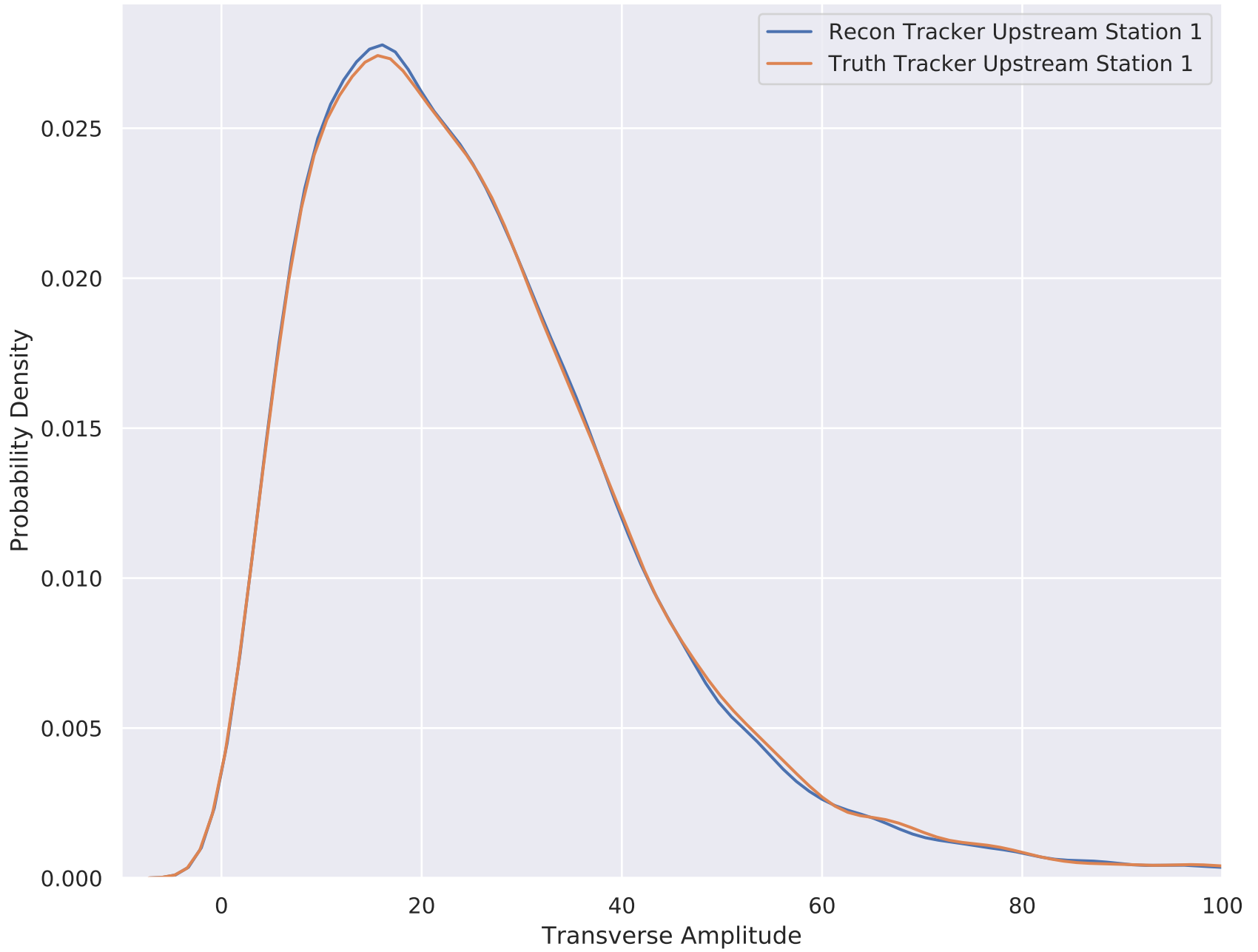


6-140 No Absorber Solenoid Amplitude MC Recon (Full Upstream)

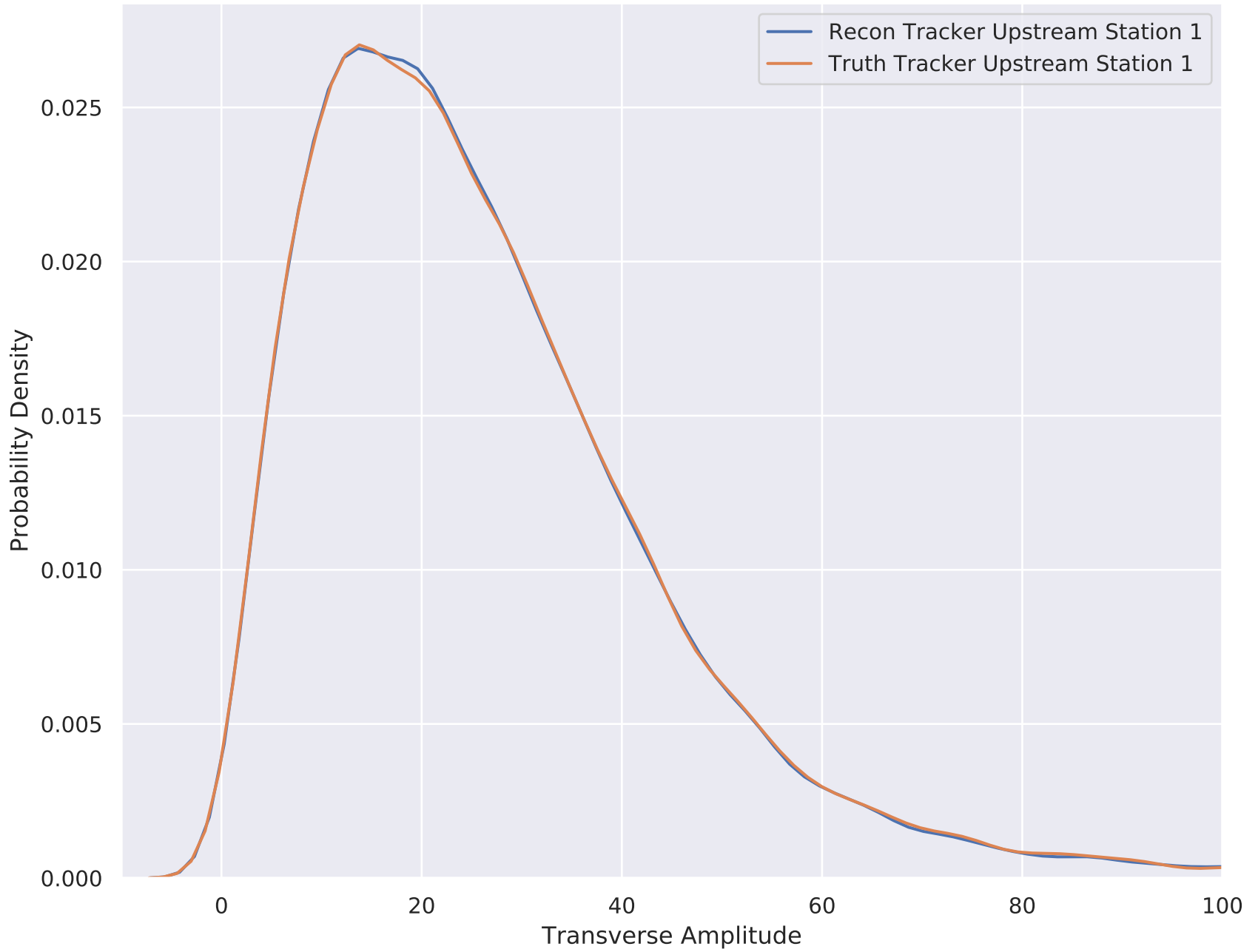




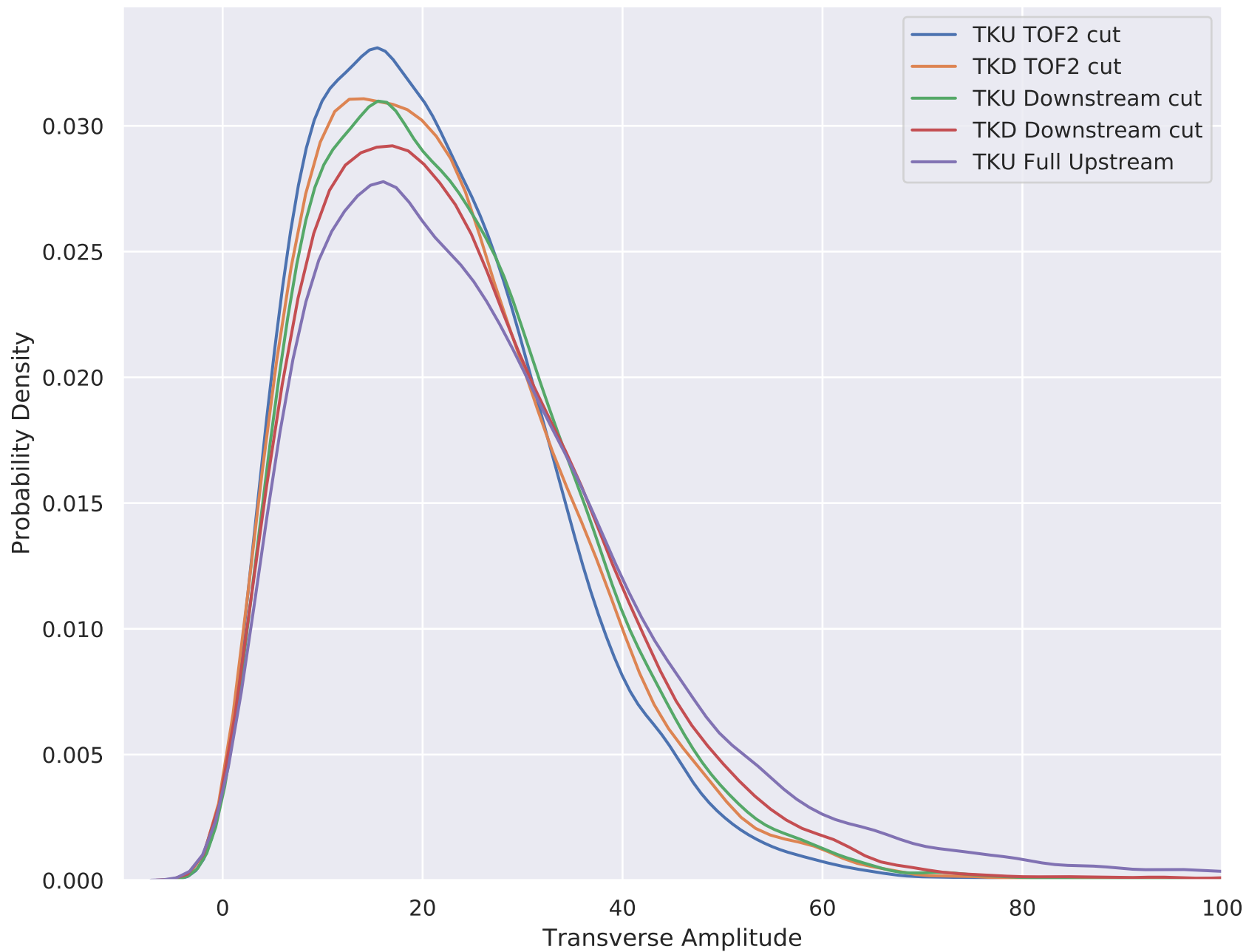
6-140 No Absorber Flip Amplitude MC (Upstream)



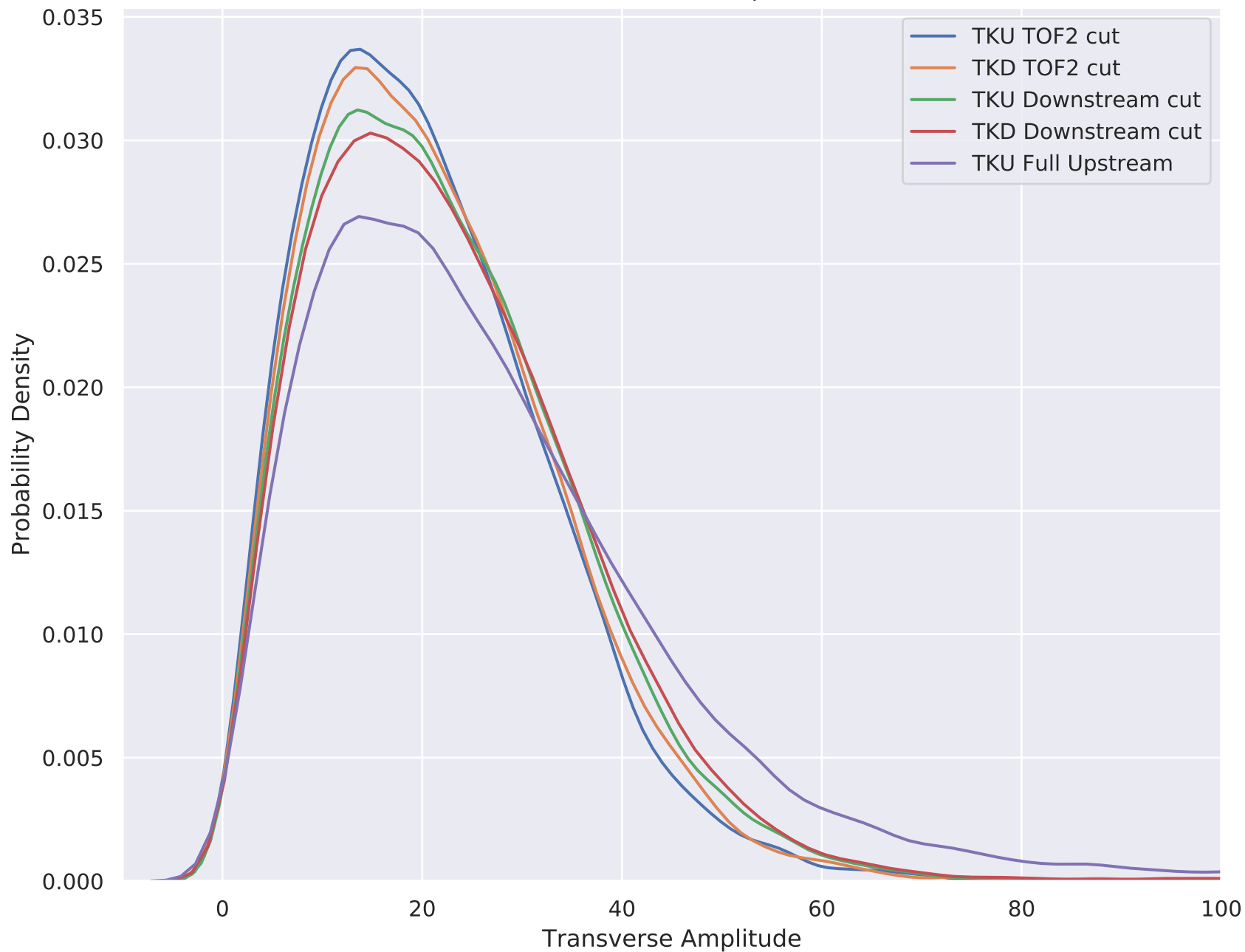
6-140 No Absorber Solenoid Amplitude MC (Upstream)



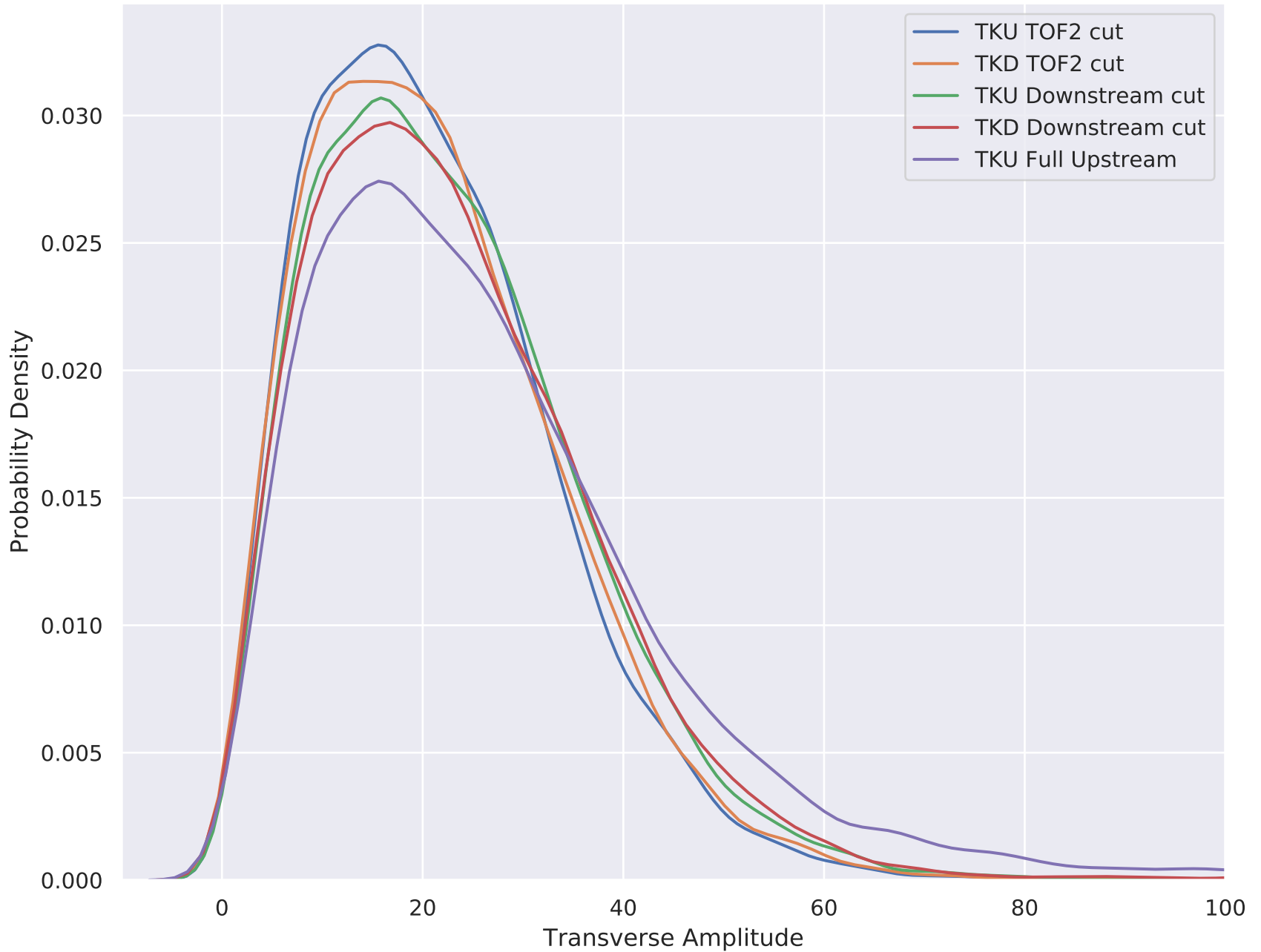
6-140 No Absorber Flip Amplitudes MC Recon



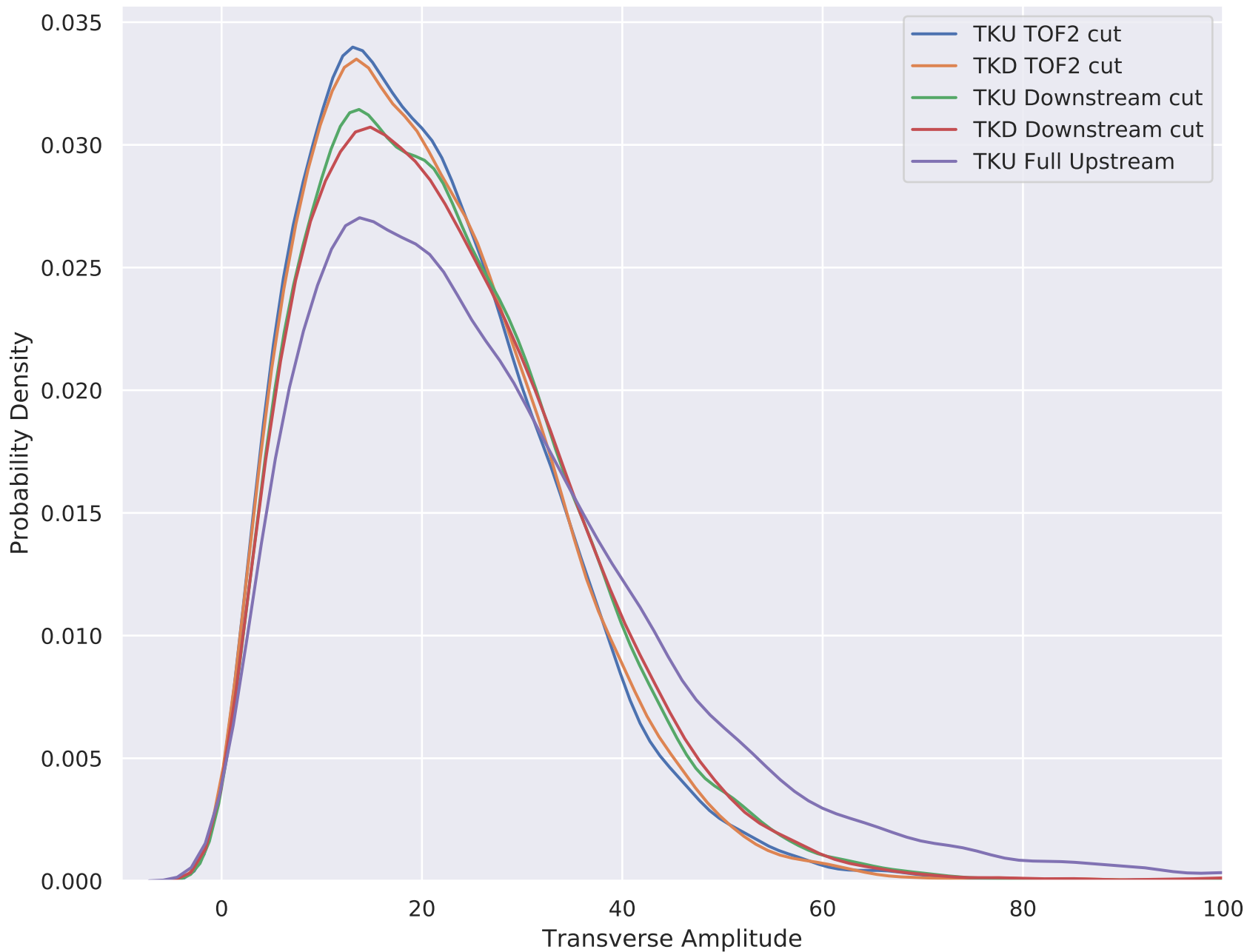
6-140 No Absorber Solenoid Amplitudes MC Recon



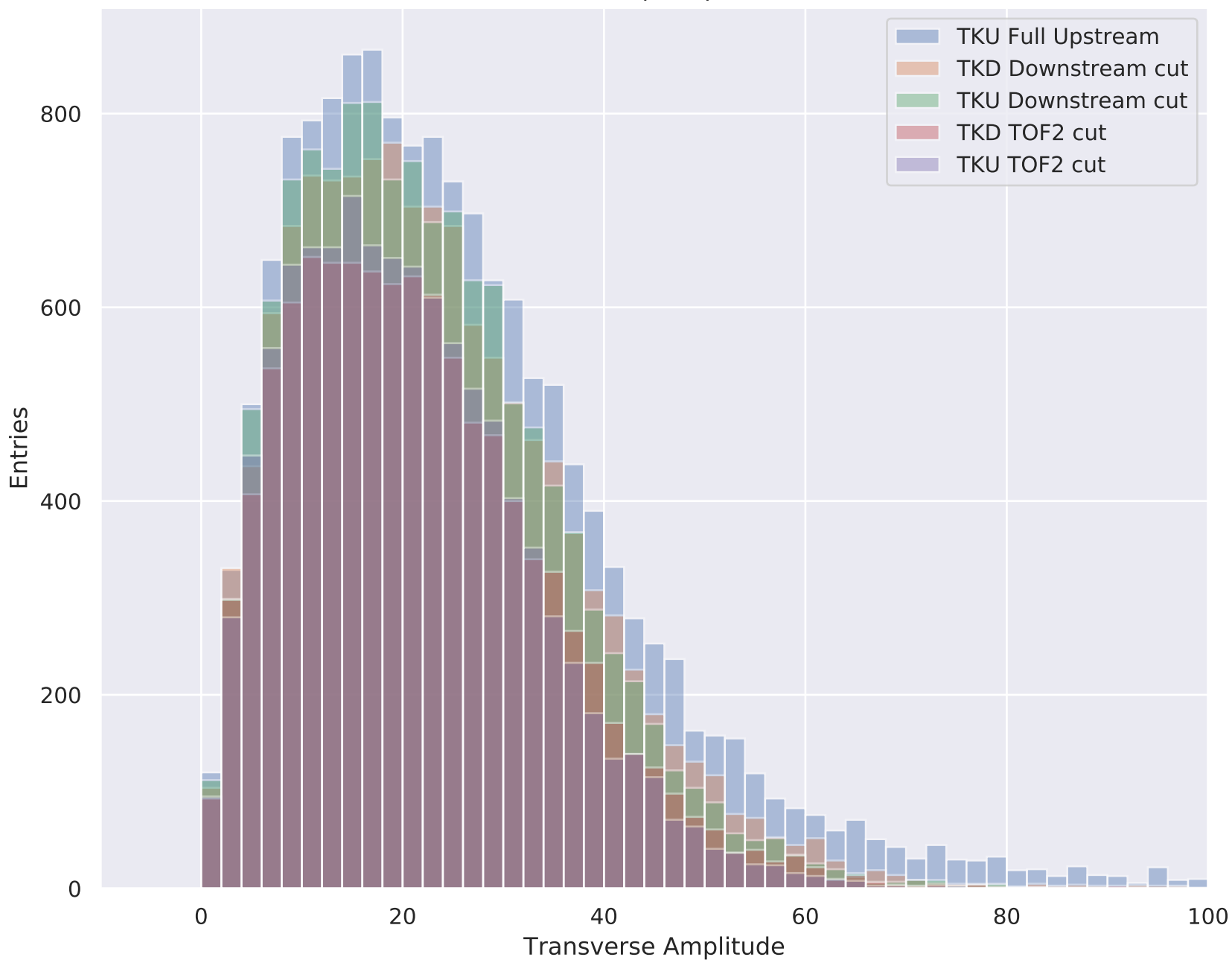
6-140 No Absorber Flip Amplitudes MC Truth



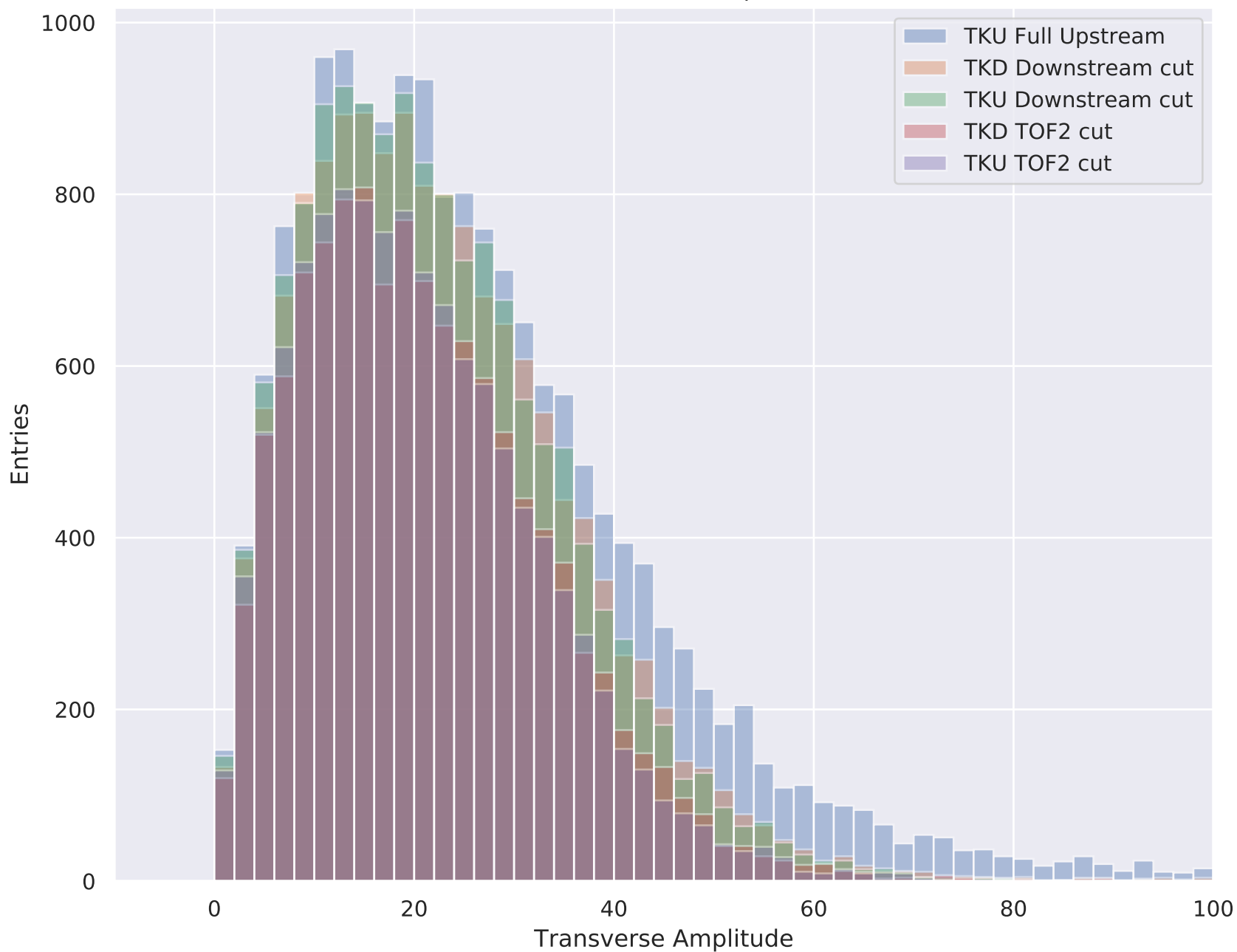
6-140 No Absorber Solenoid Amplitudes MC Truth



6-140 No Absorber Flip Amplitudes MC Recon

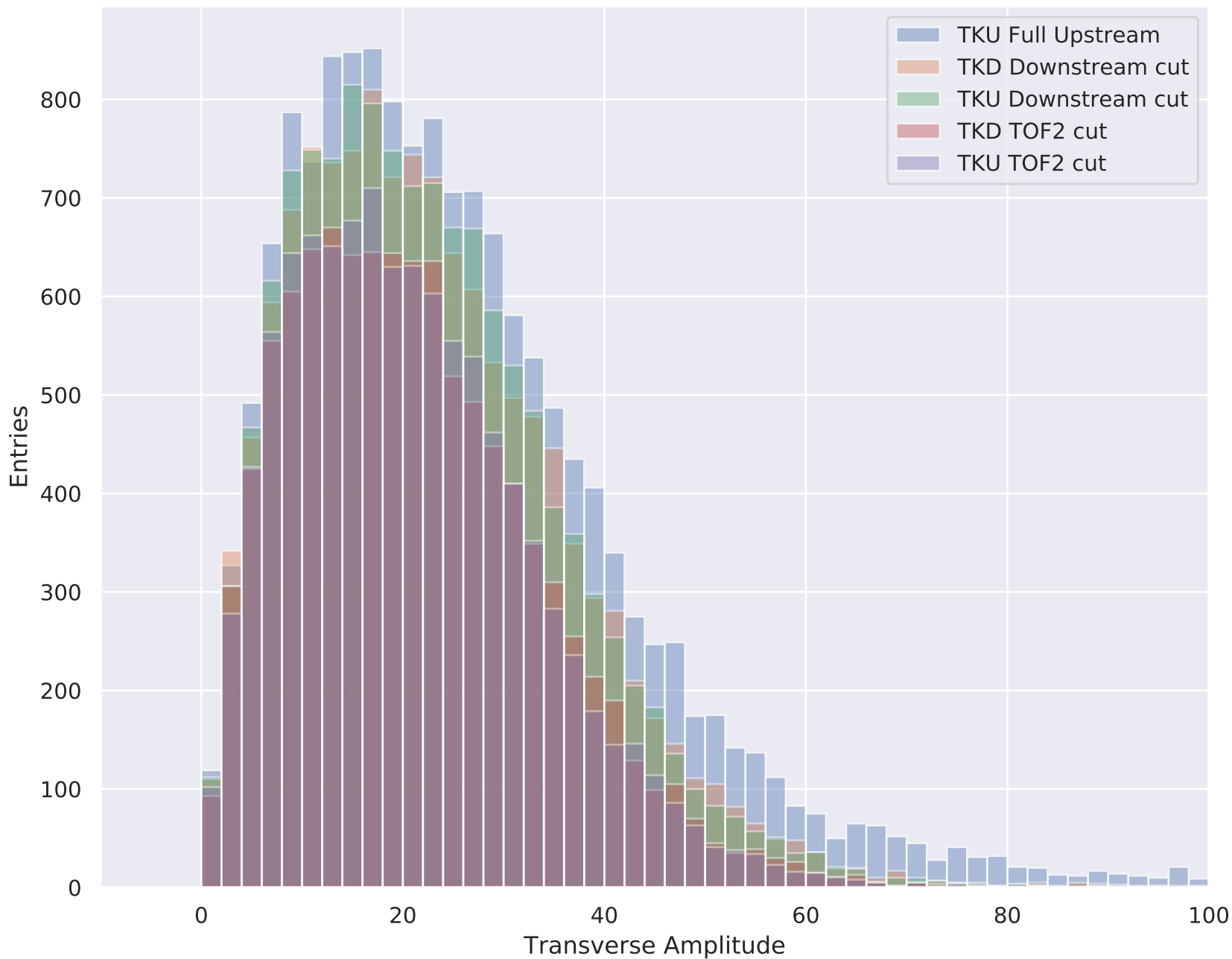


6-140 No Absorber Solenoid Amplitudes MC Recon

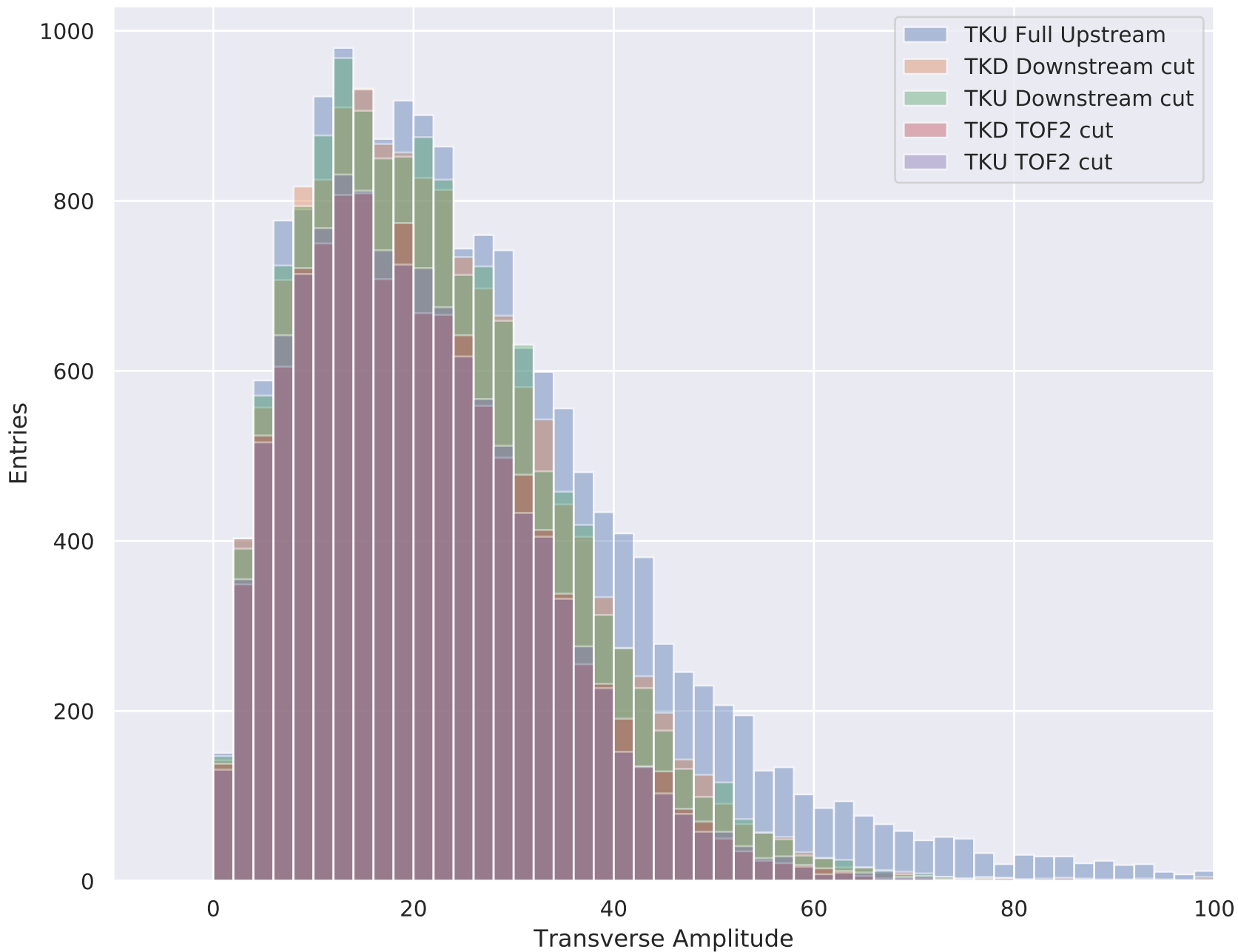




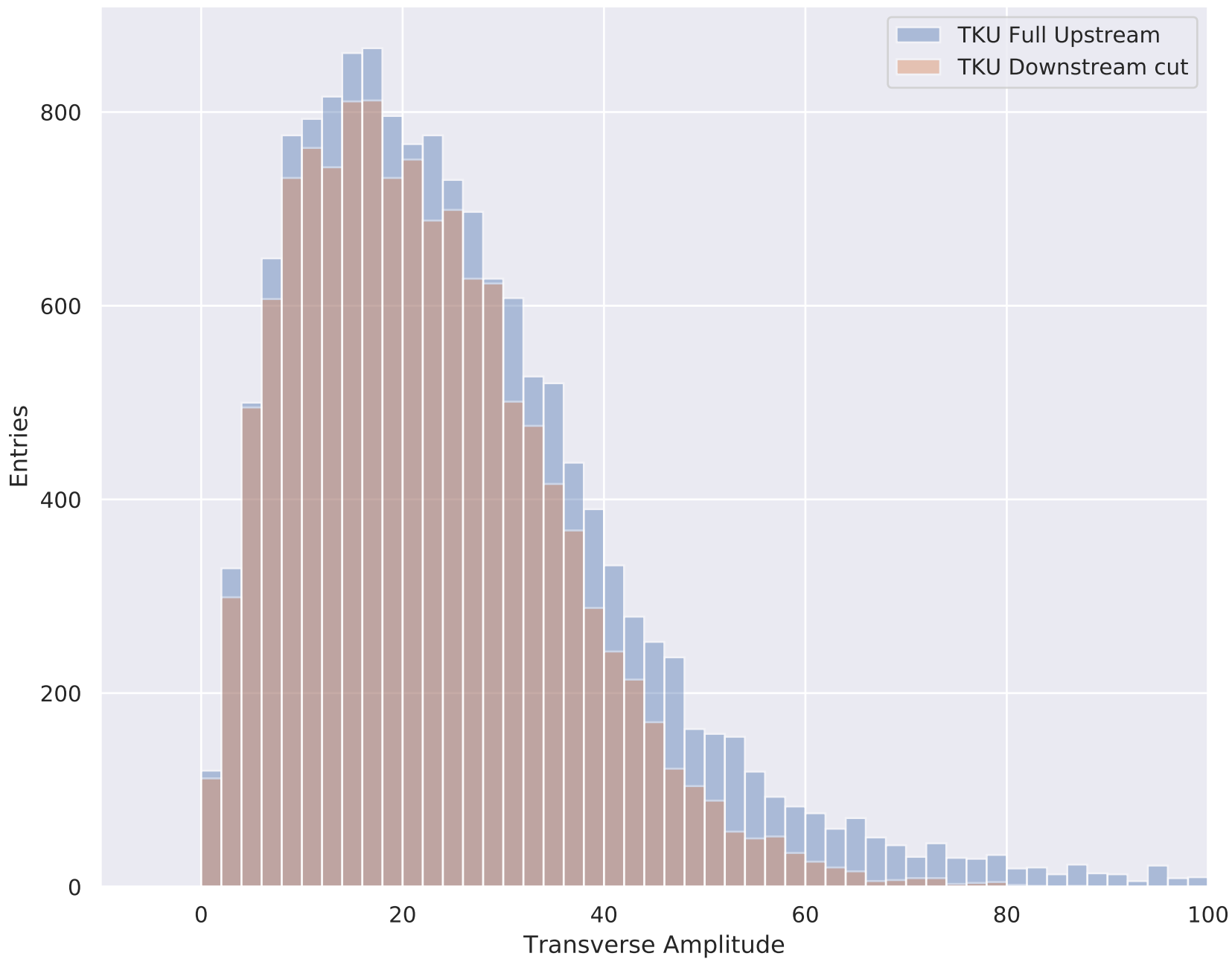
6-140 No Absorber Flip Amplitudes MC Truth



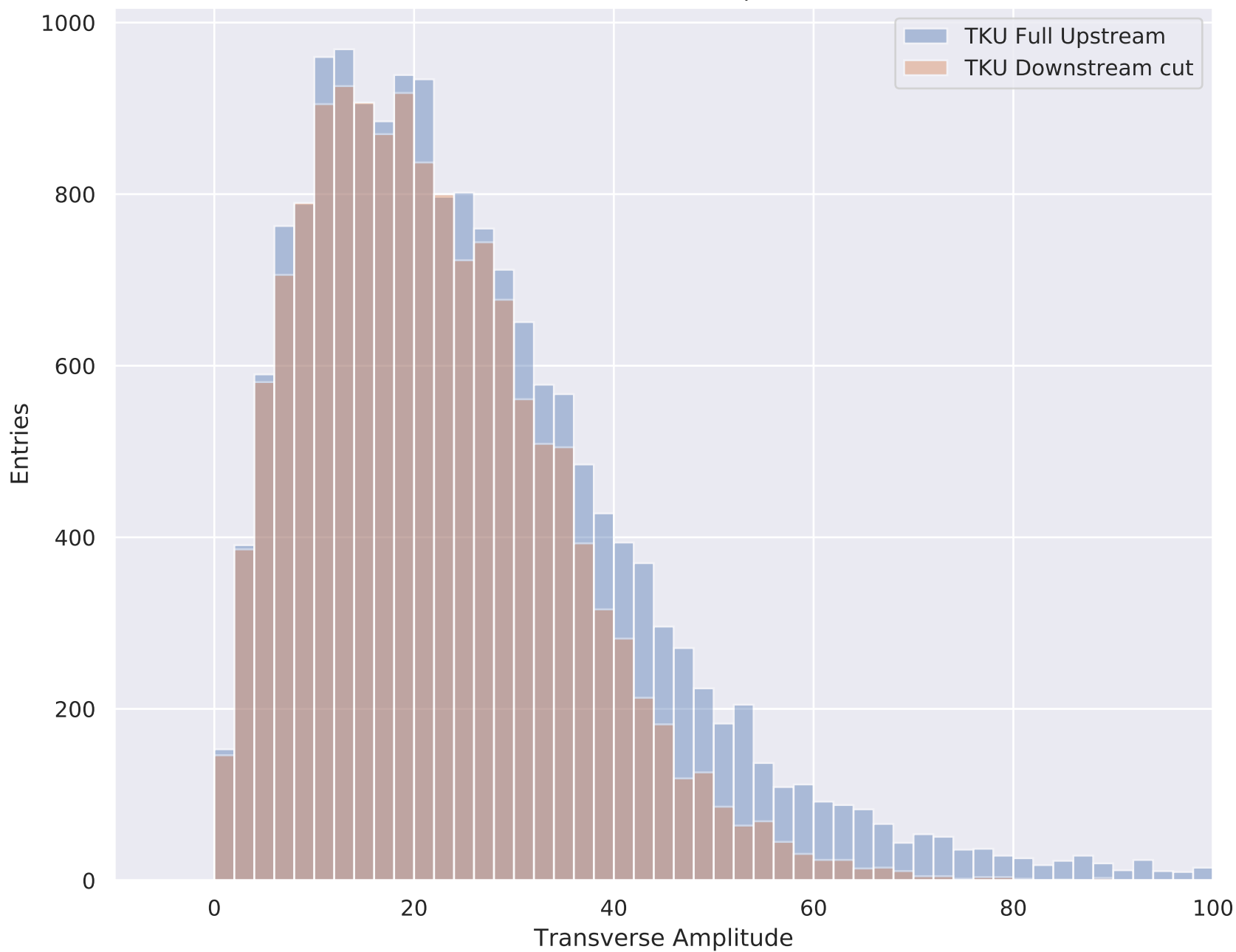
6-140 No Absorber Solenoid Amplitudes MC Truth



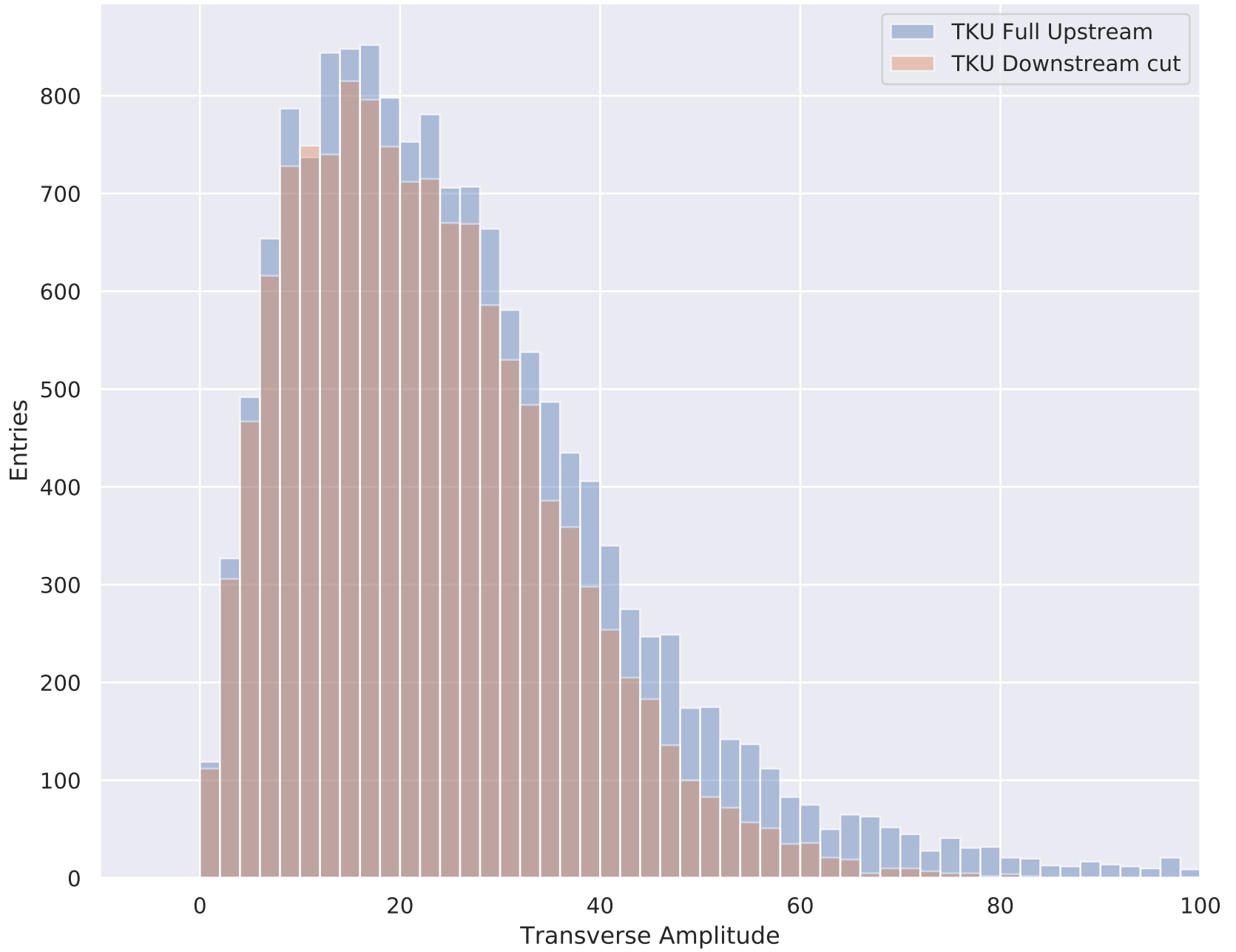
6-140 No Absorber Flip Amplitudes MC Recon



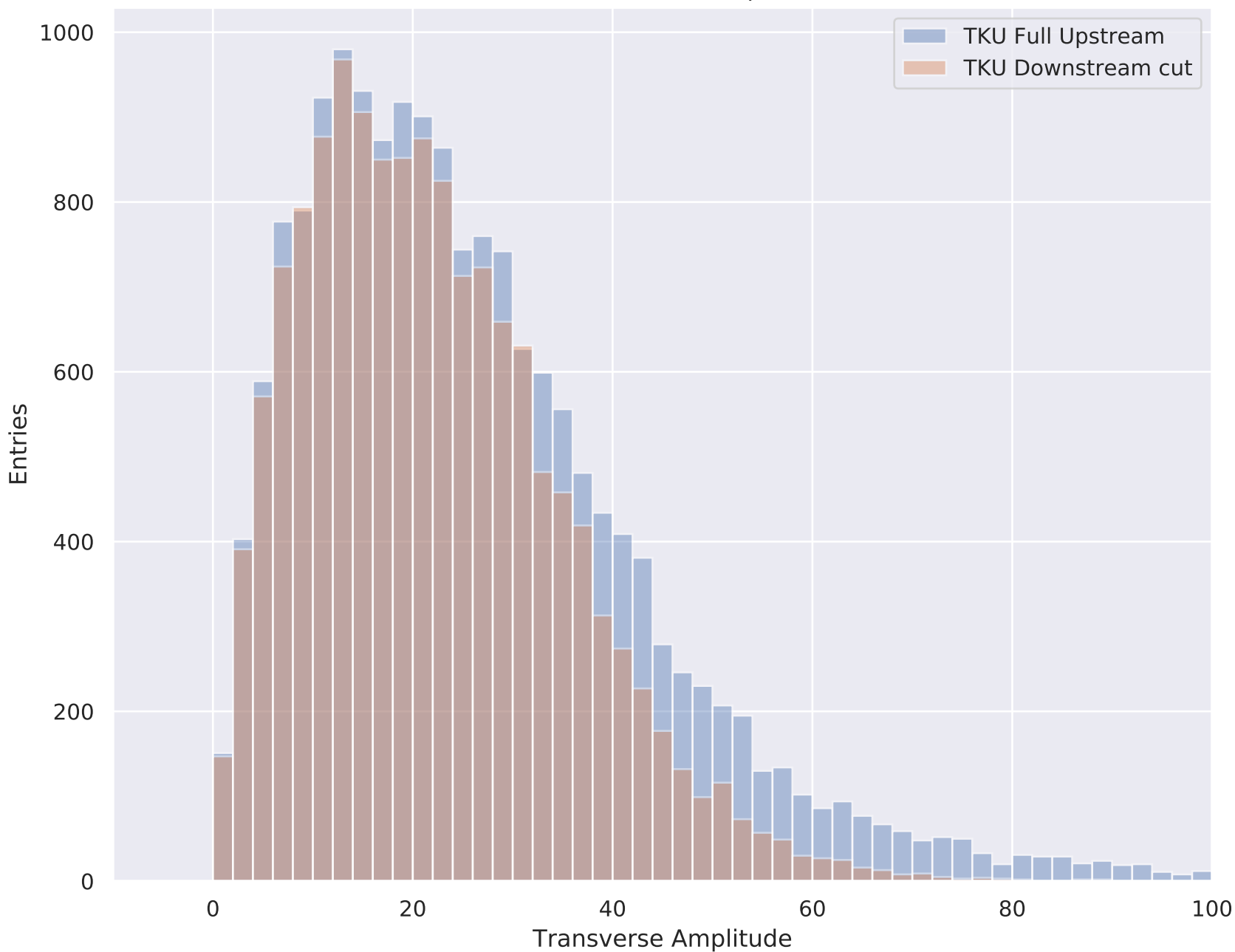
6-140 No Absorber Solenoid Amplitudes MC Recon



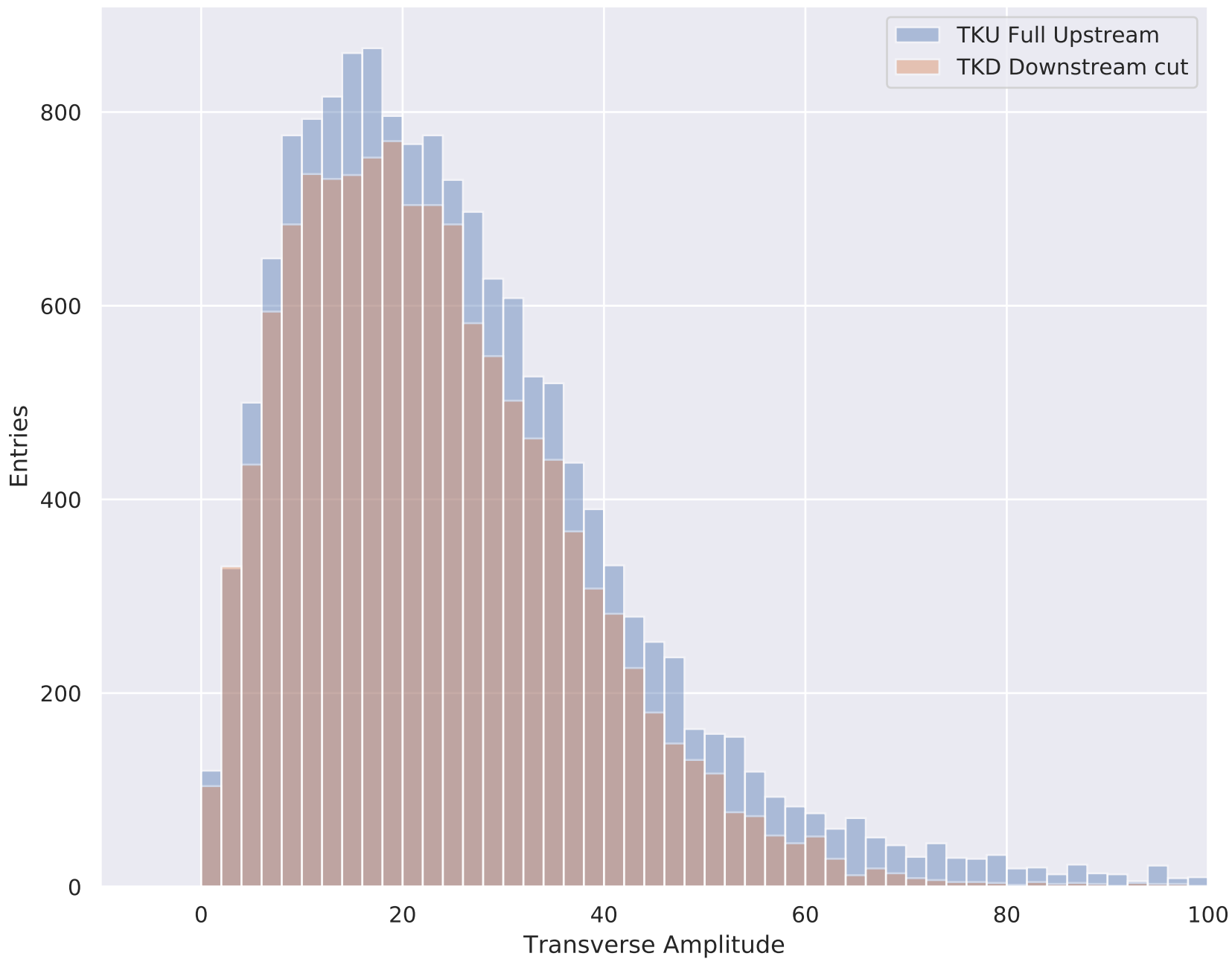
6-140 No Absorber Flip Amplitudes MC Truth



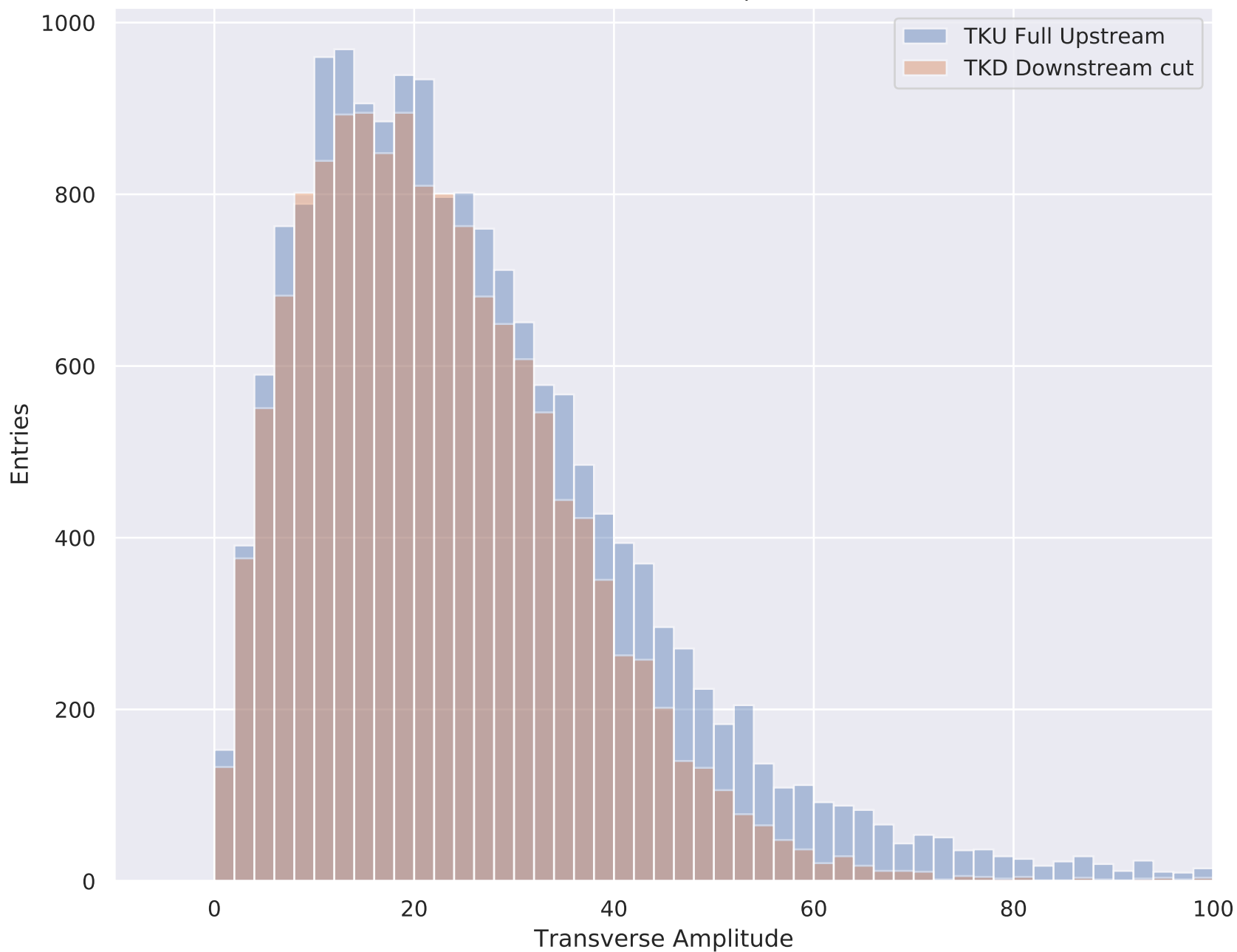
6-140 No Absorber Solenoid Amplitudes MC Truth



6-140 No Absorber Flip Amplitudes MC Recon

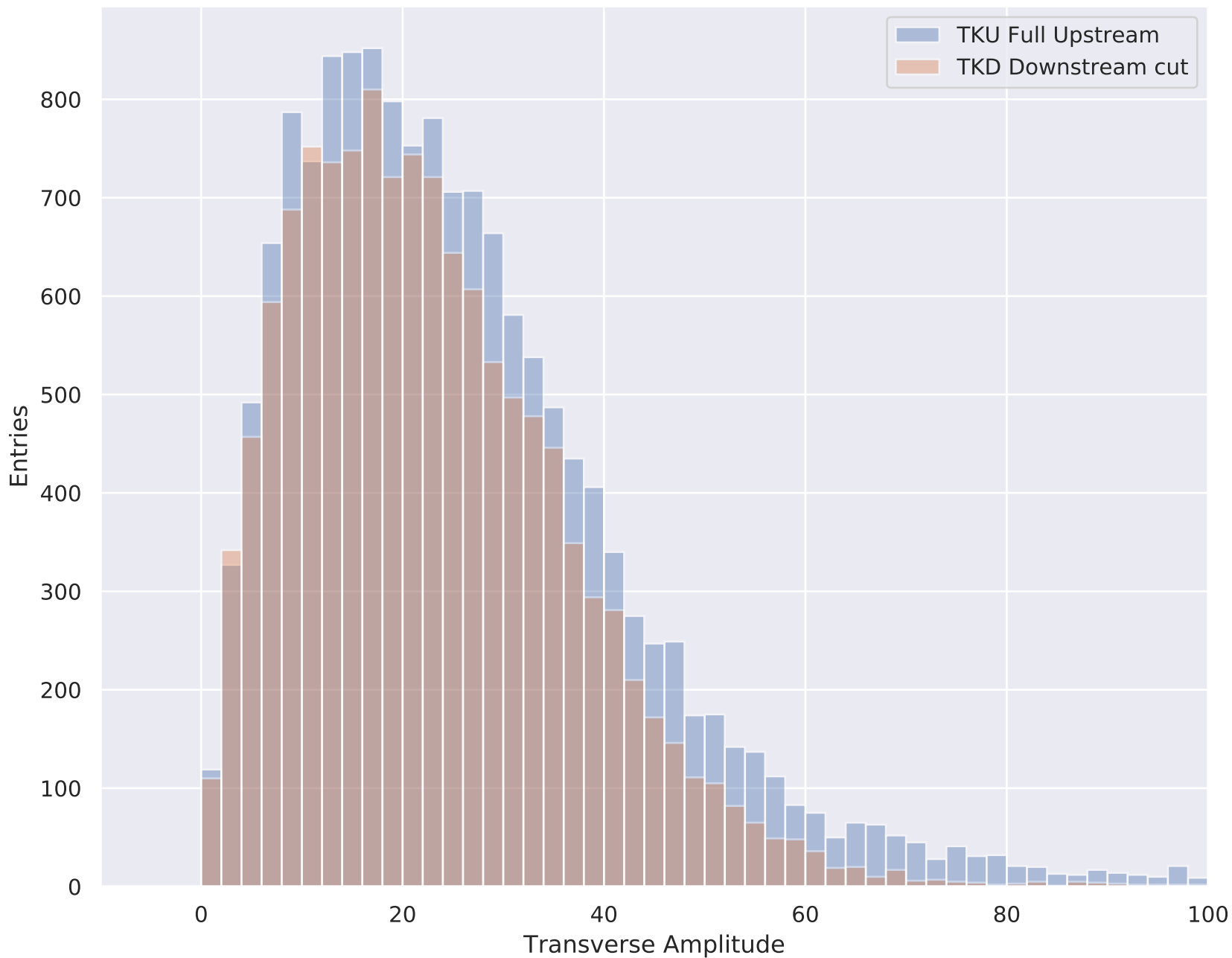


6-140 No Absorber Solenoid Amplitudes MC Recon

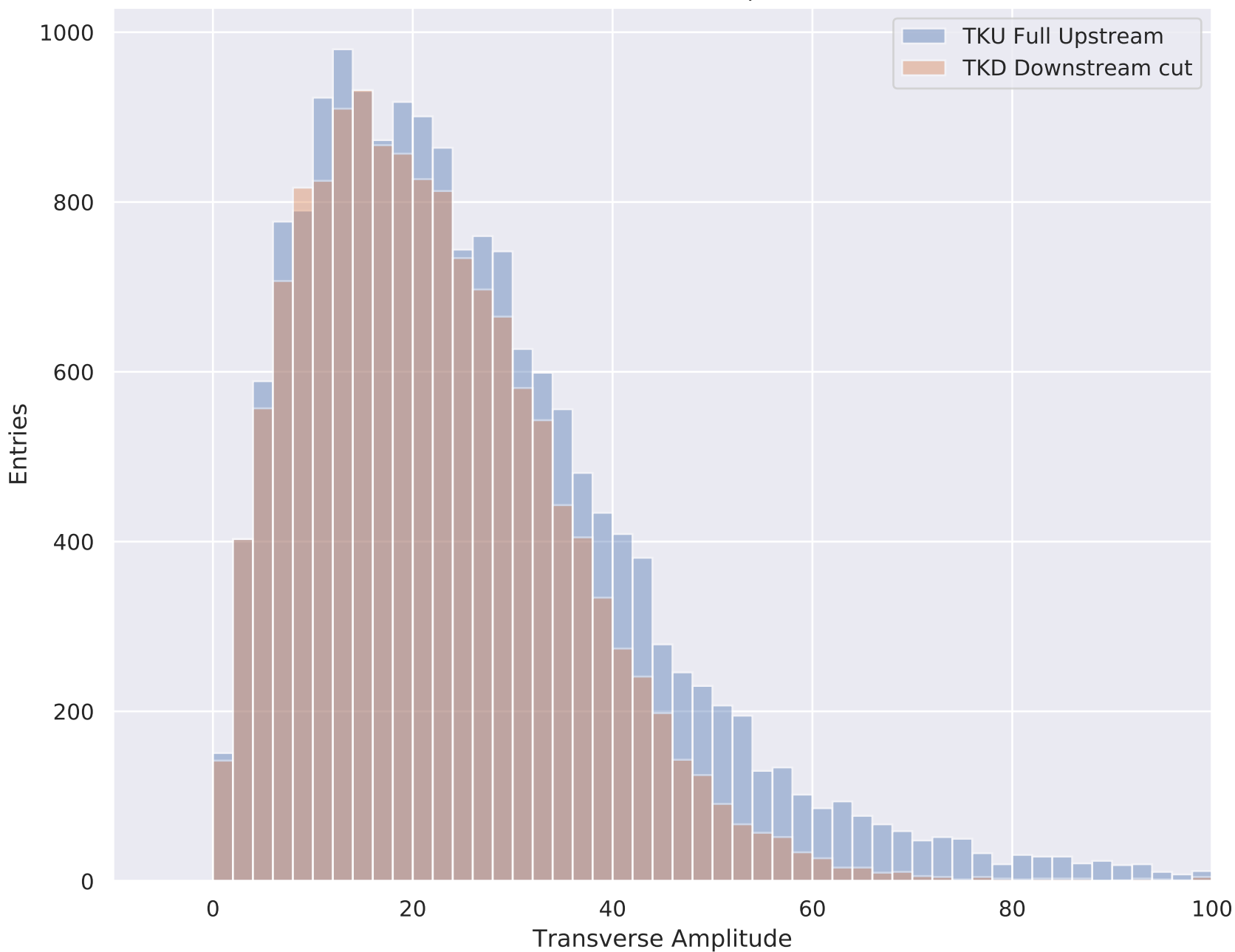




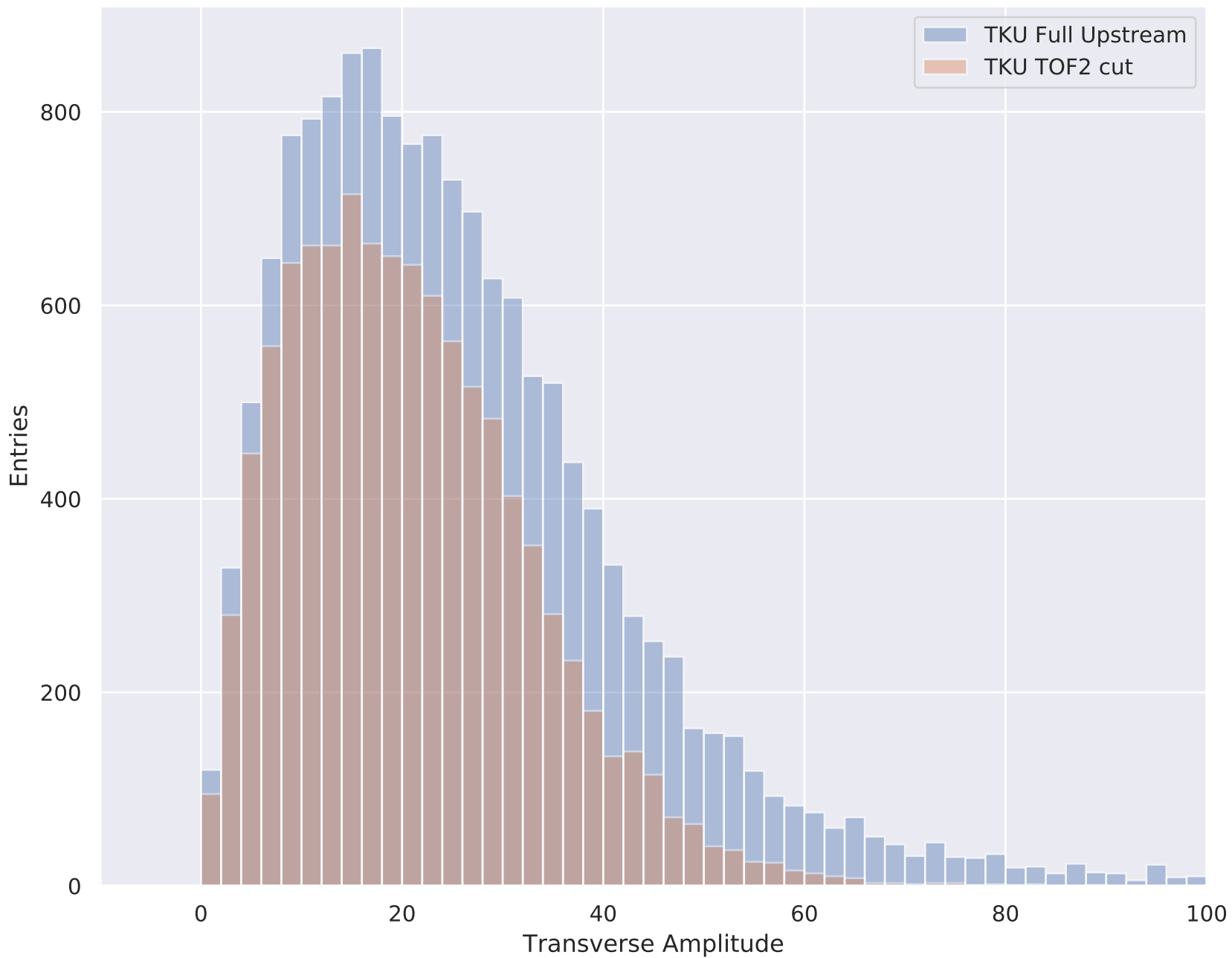
6-140 No Absorber Flip Amplitudes MC Truth



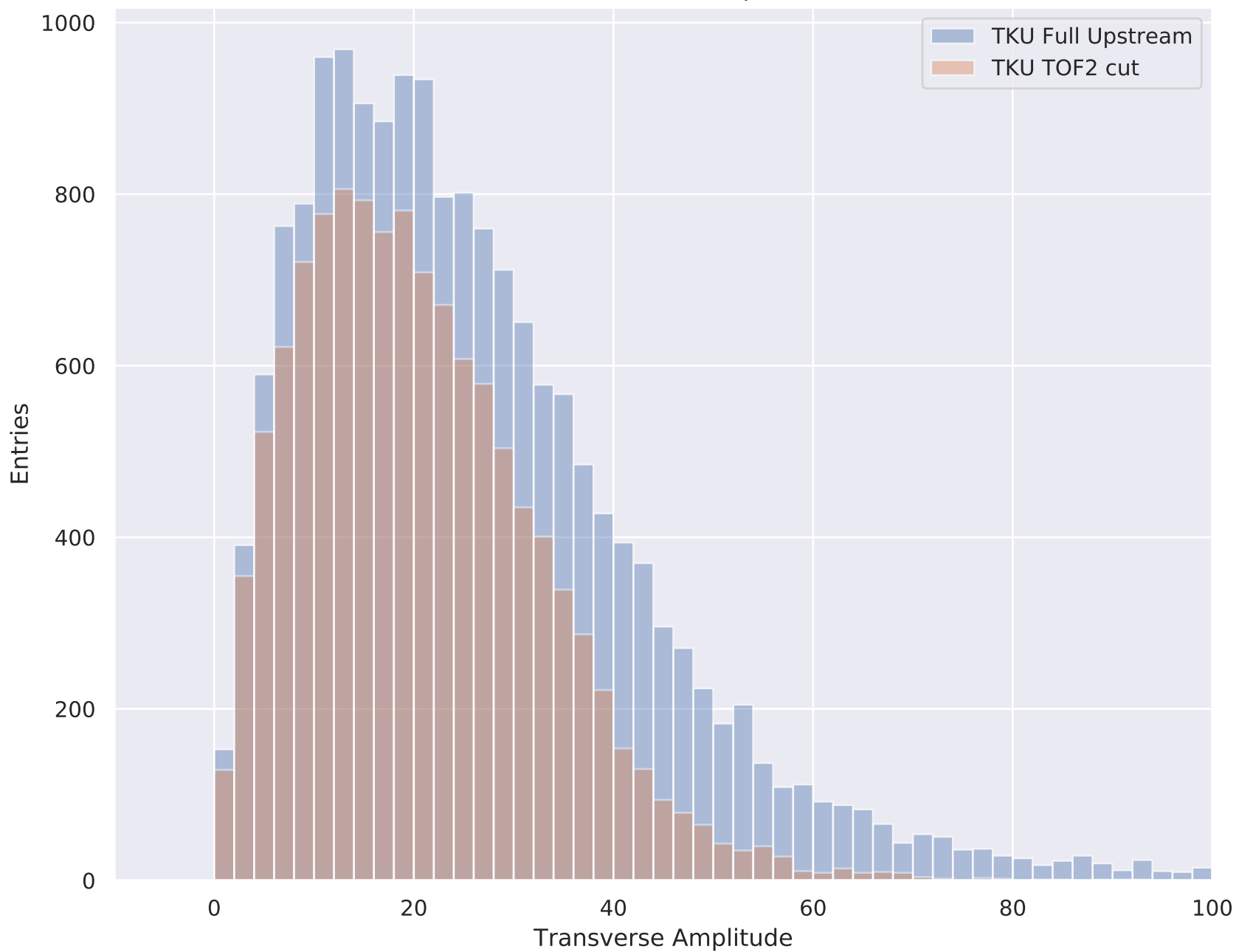
6-140 No Absorber Solenoid Amplitudes MC Truth



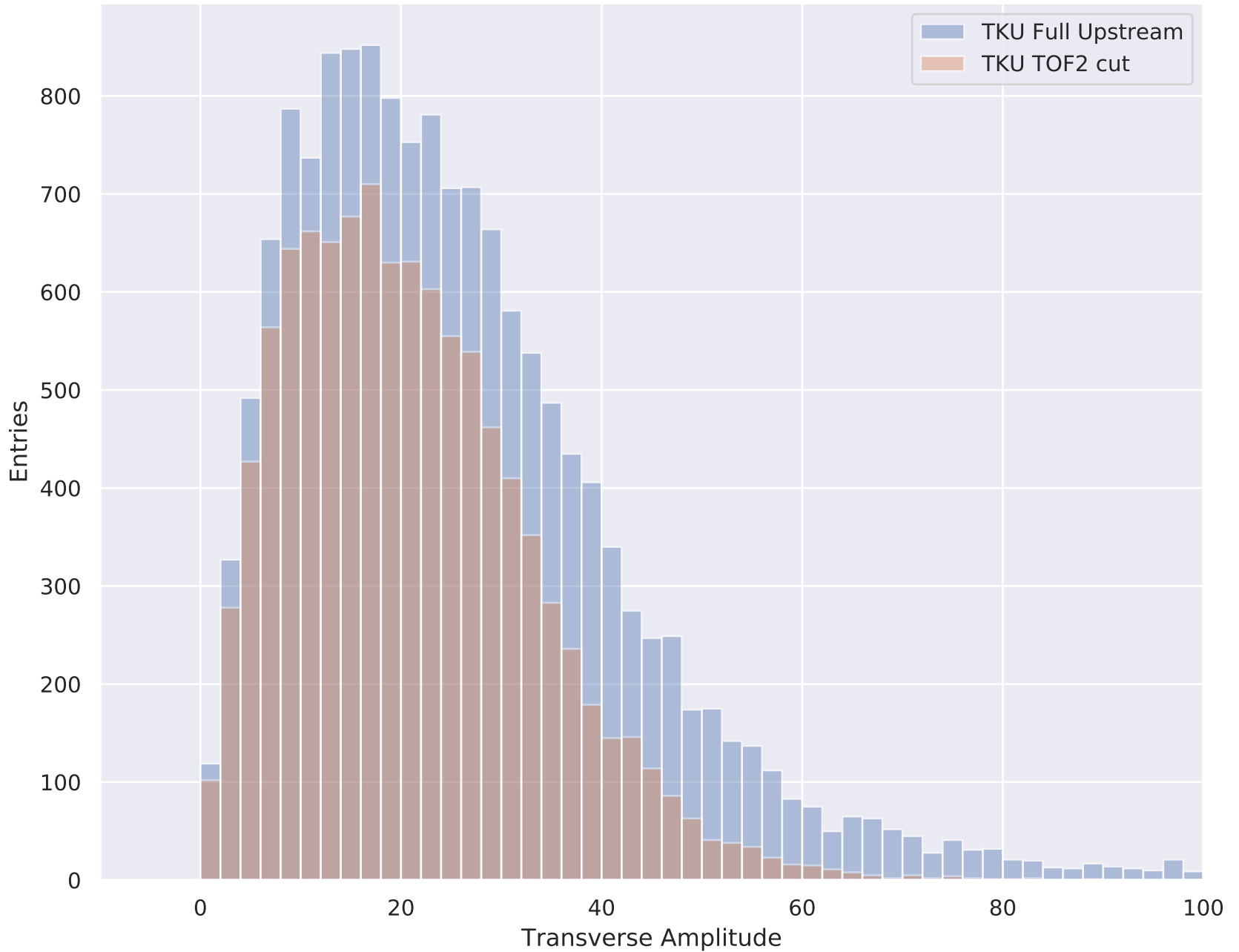
6-140 No Absorber Flip Amplitudes MC Recon



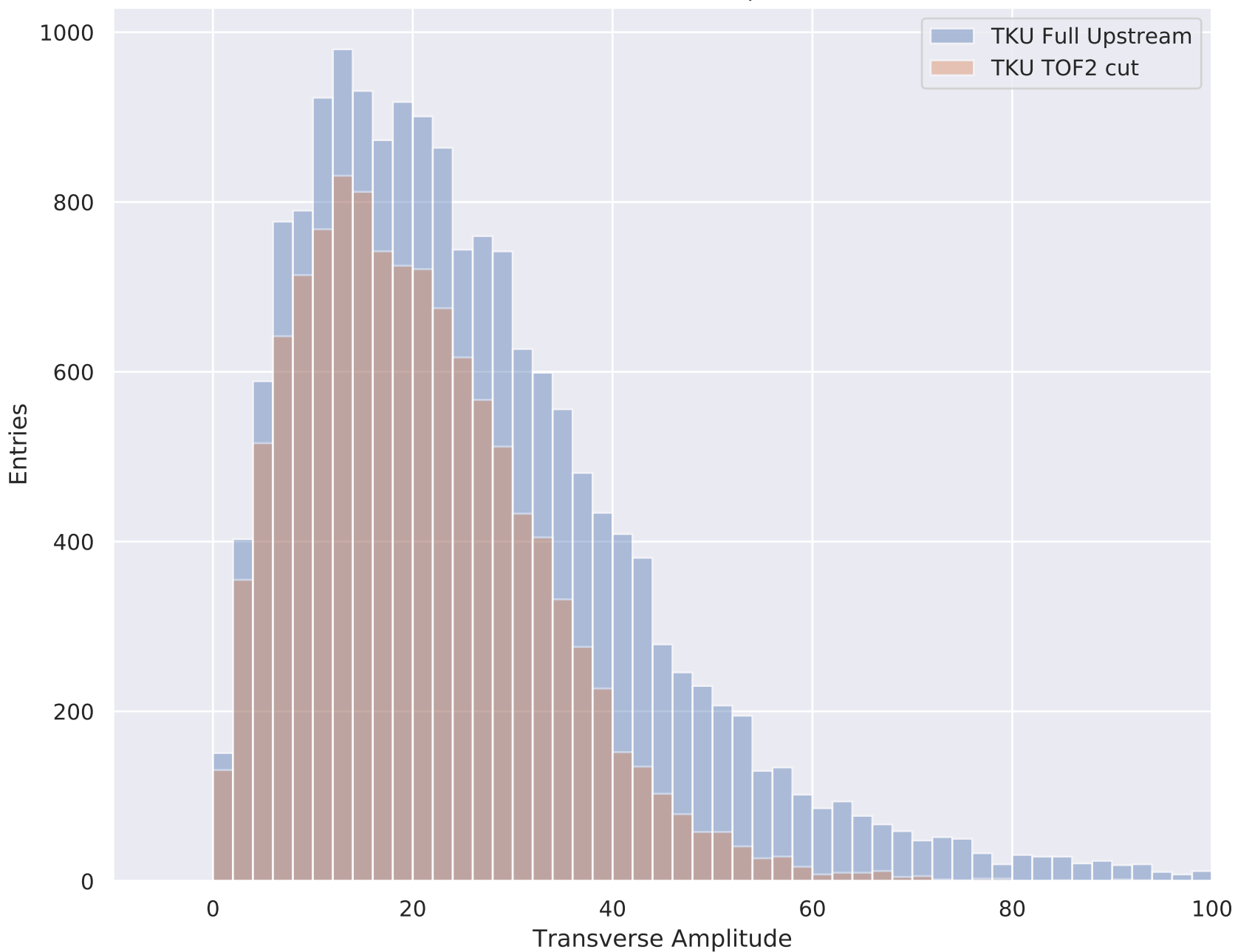
6-140 No Absorber Solenoid Amplitudes MC Recon



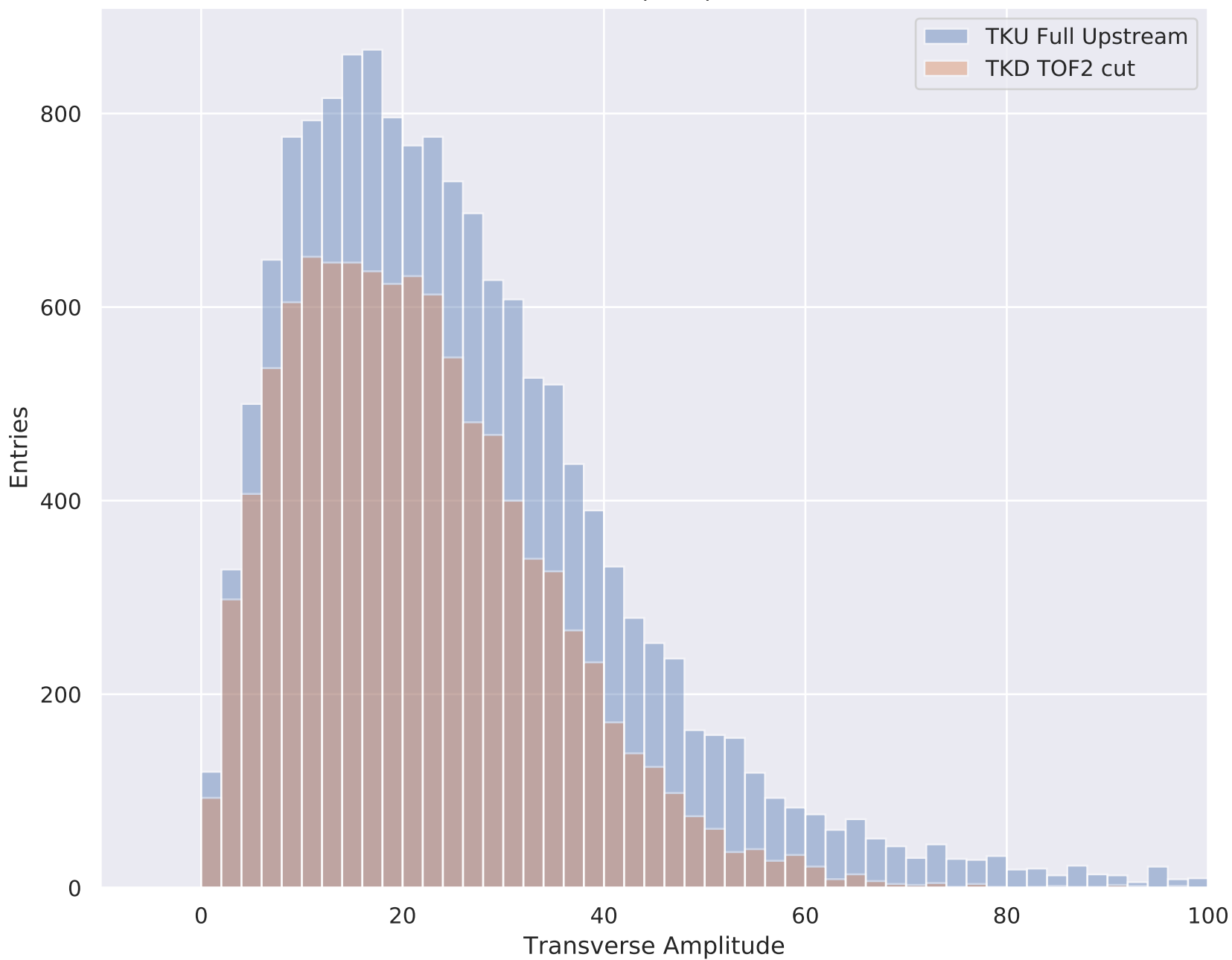
6-140 No Absorber Flip Amplitudes MC Truth



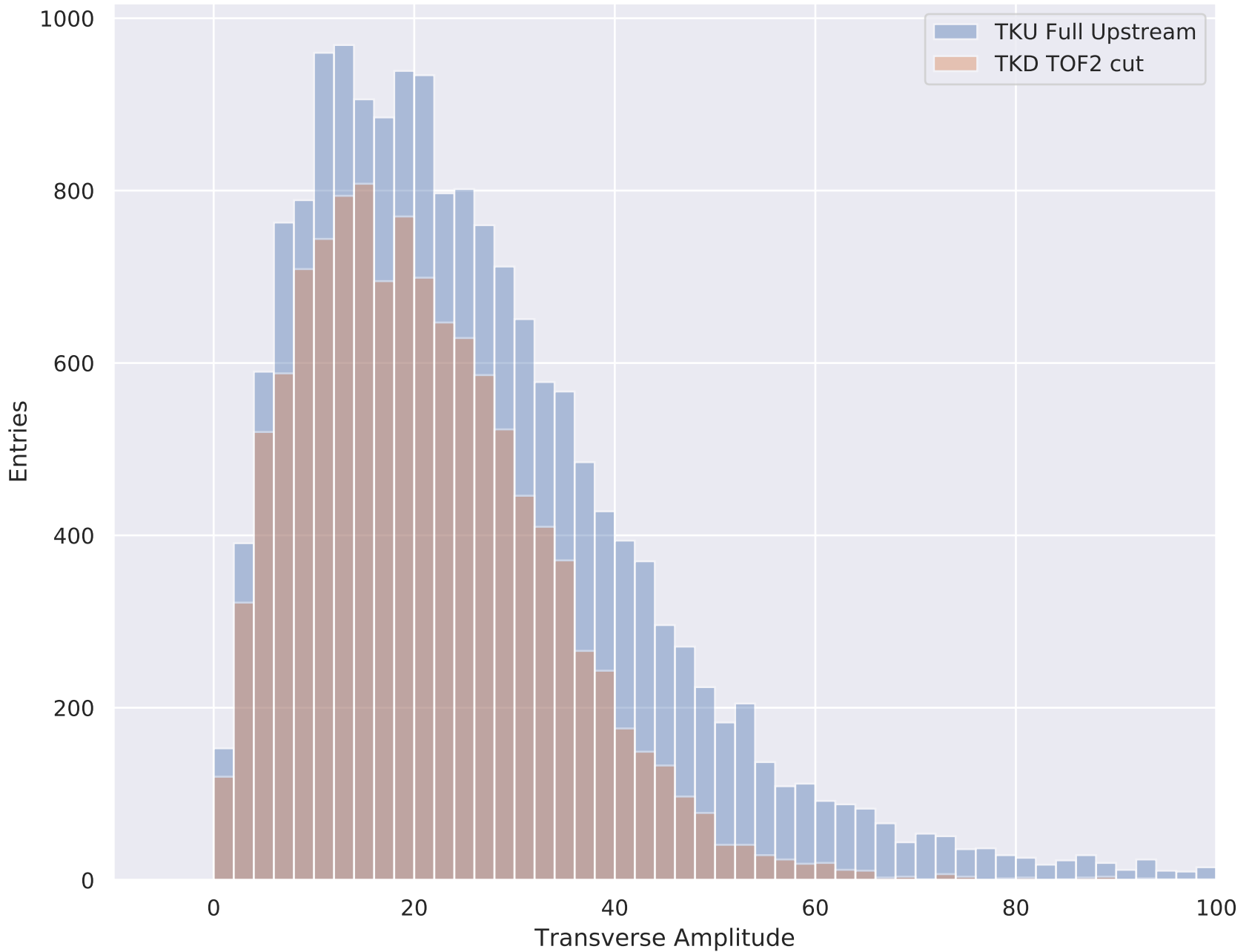
6-140 No Absorber Solenoid Amplitudes MC Truth



6-140 No Absorber Flip Amplitudes MC Recon

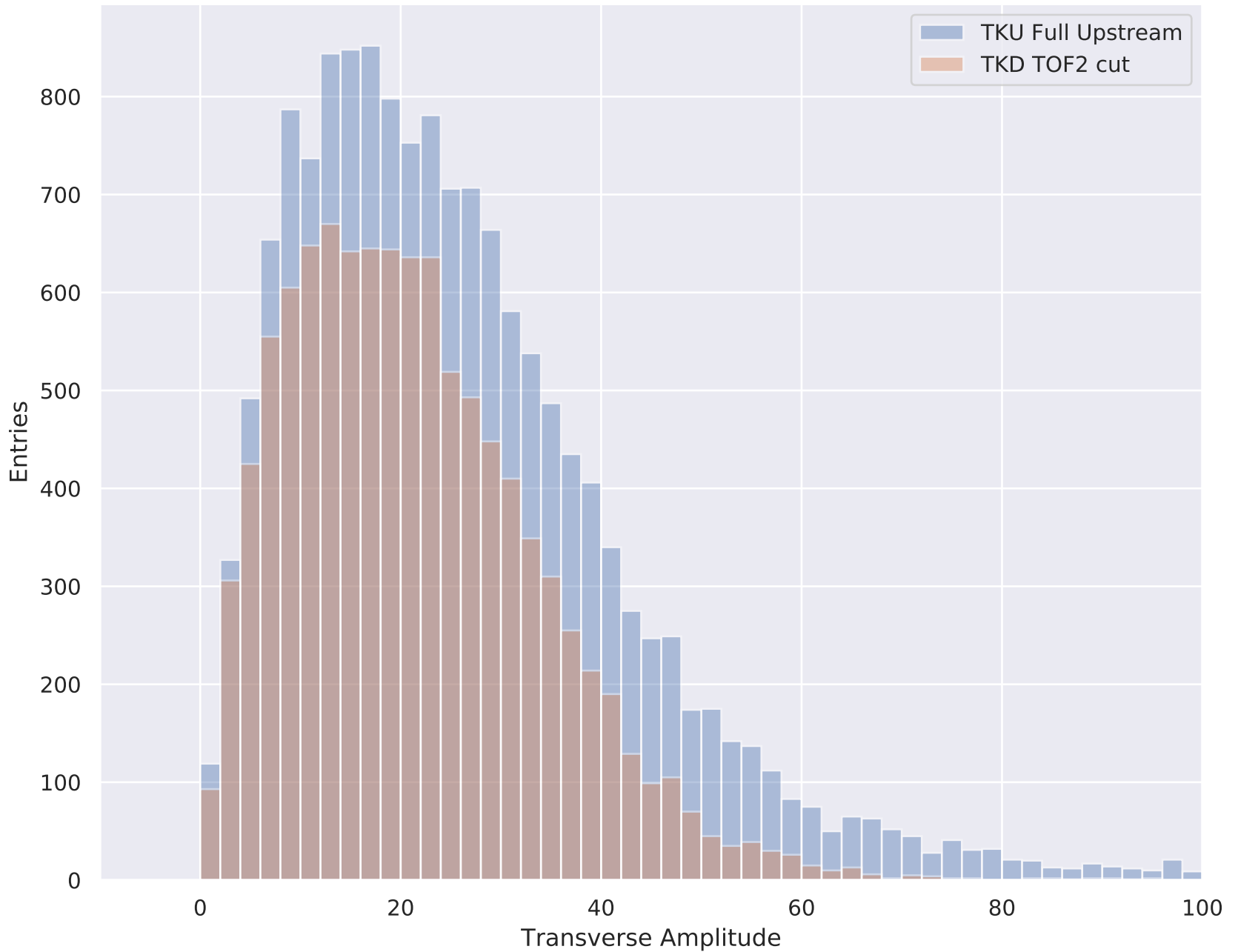


6-140 No Absorber Solenoid Amplitudes MC Recon

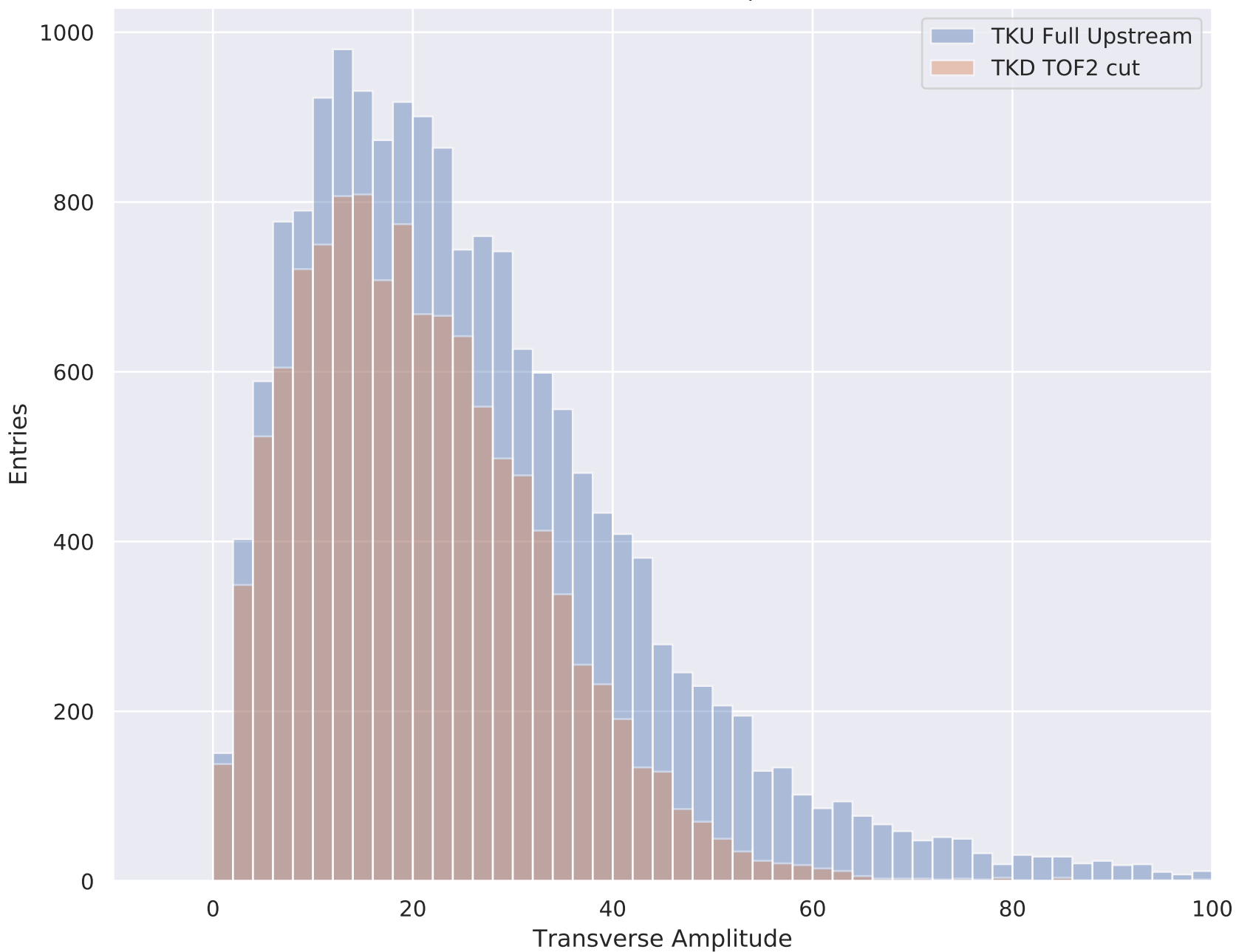




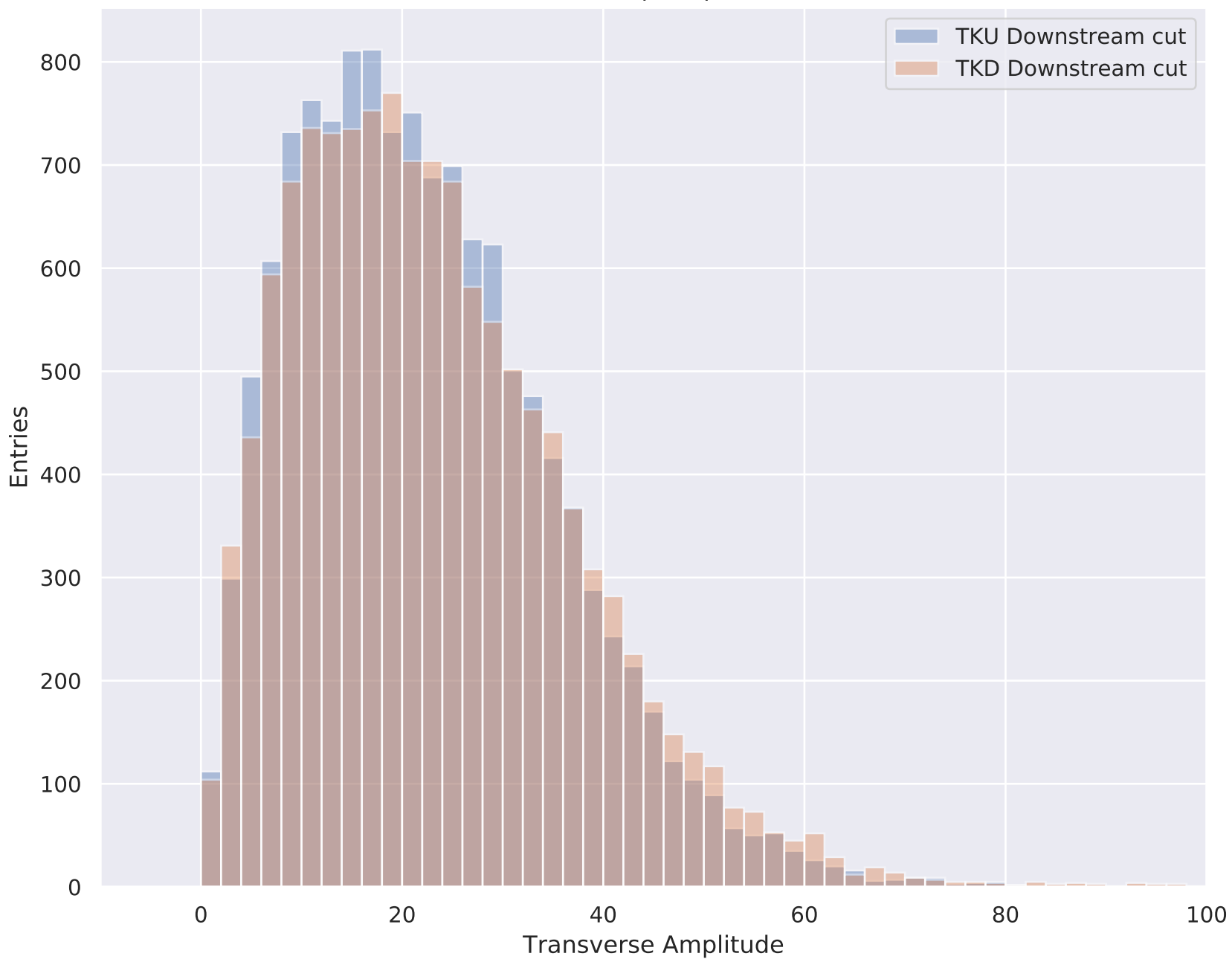
6-140 No Absorber Flip Amplitudes MC Truth



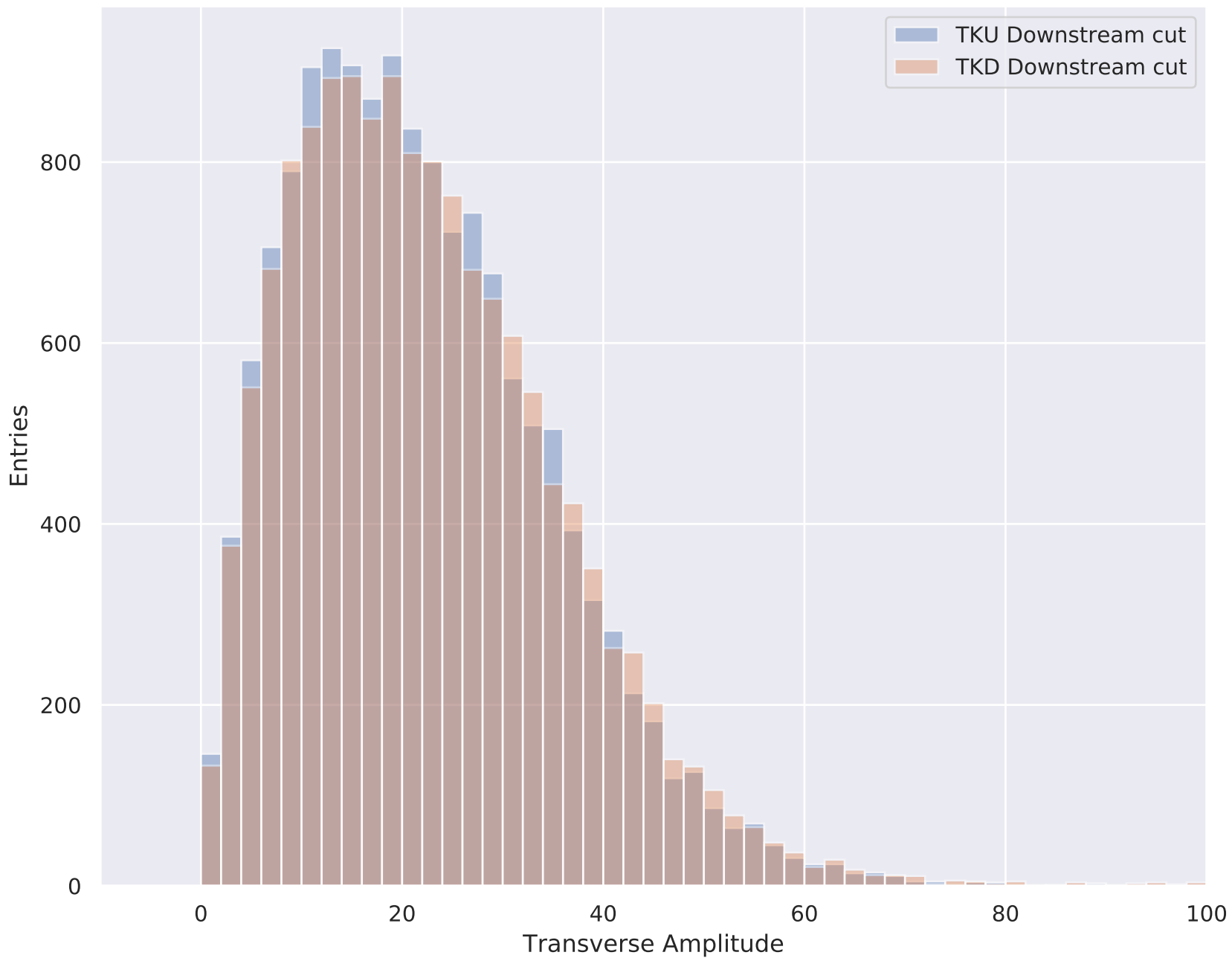
6-140 No Absorber Solenoid Amplitudes MC Truth



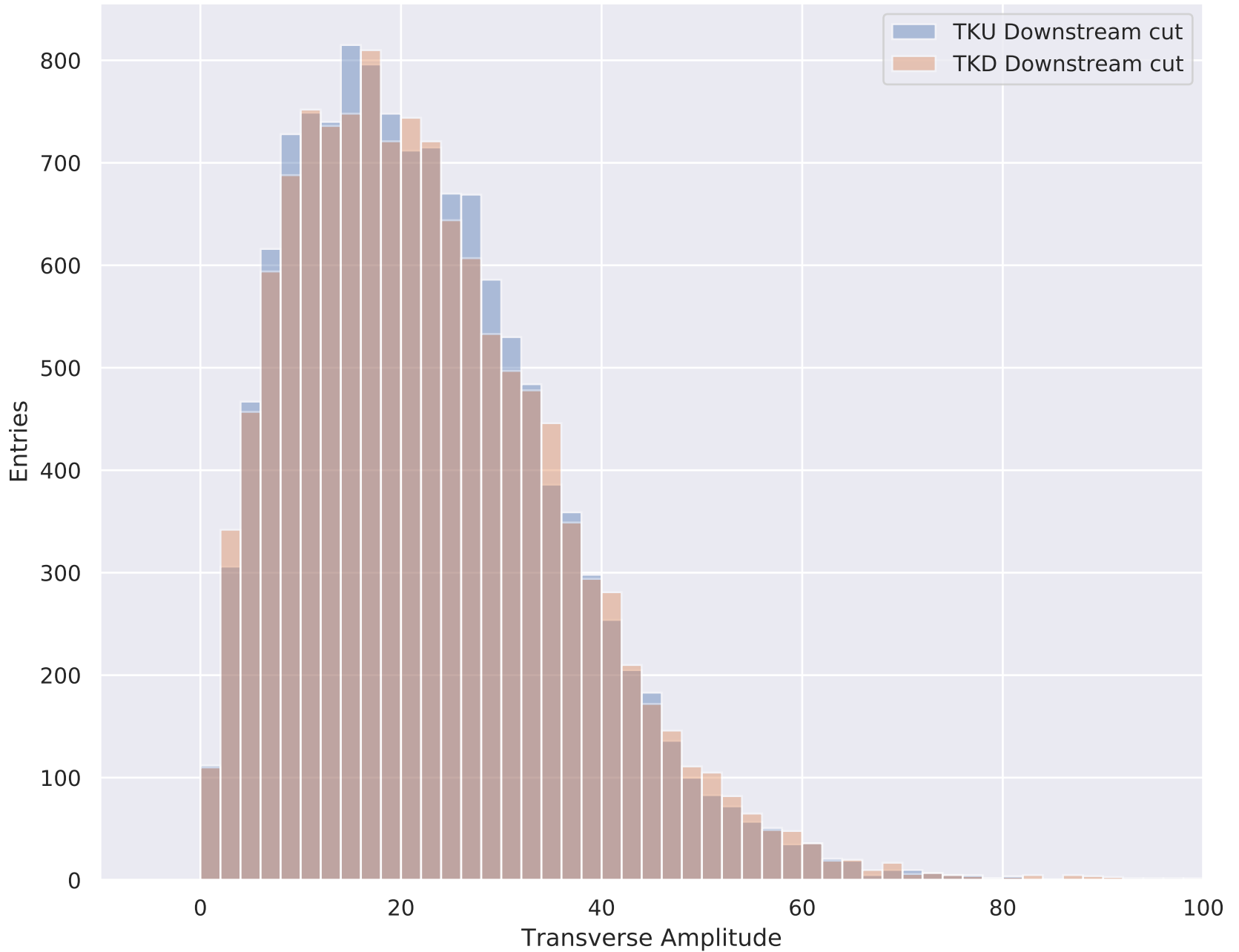
6-140 No Absorber Flip Amplitudes MC Recon



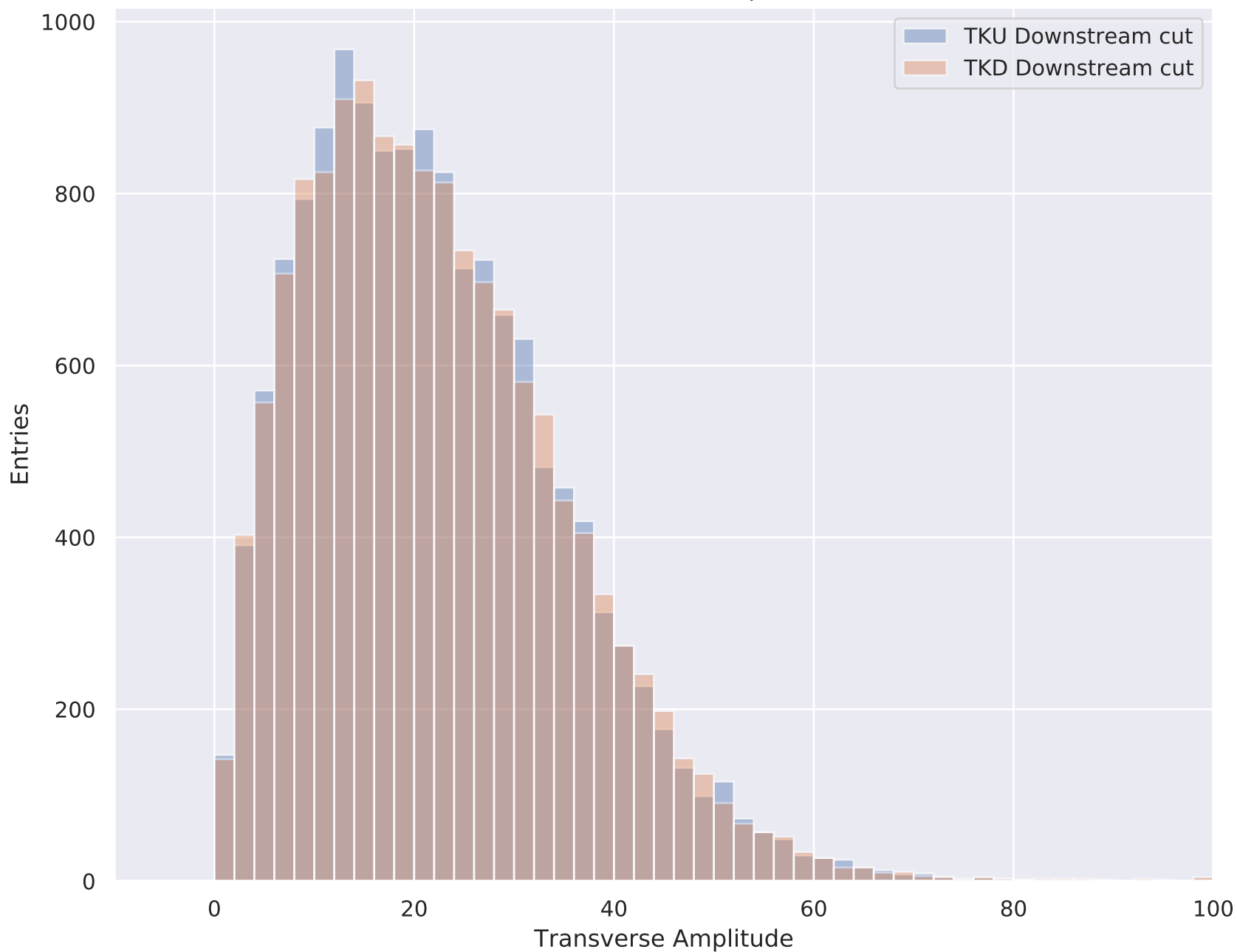
6-140 No Absorber Solenoid Amplitudes MC Recon



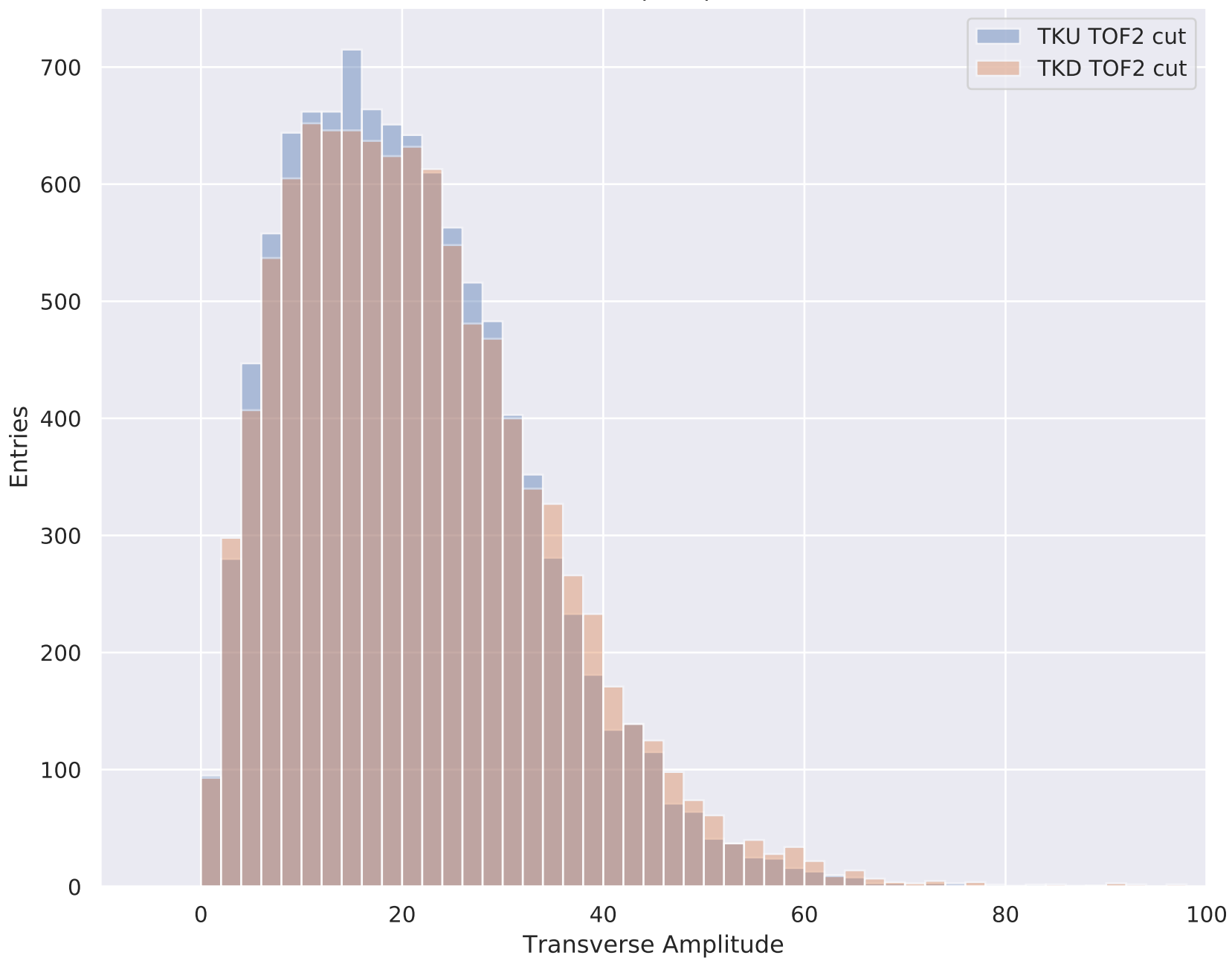
6-140 No Absorber Flip Amplitudes MC Truth



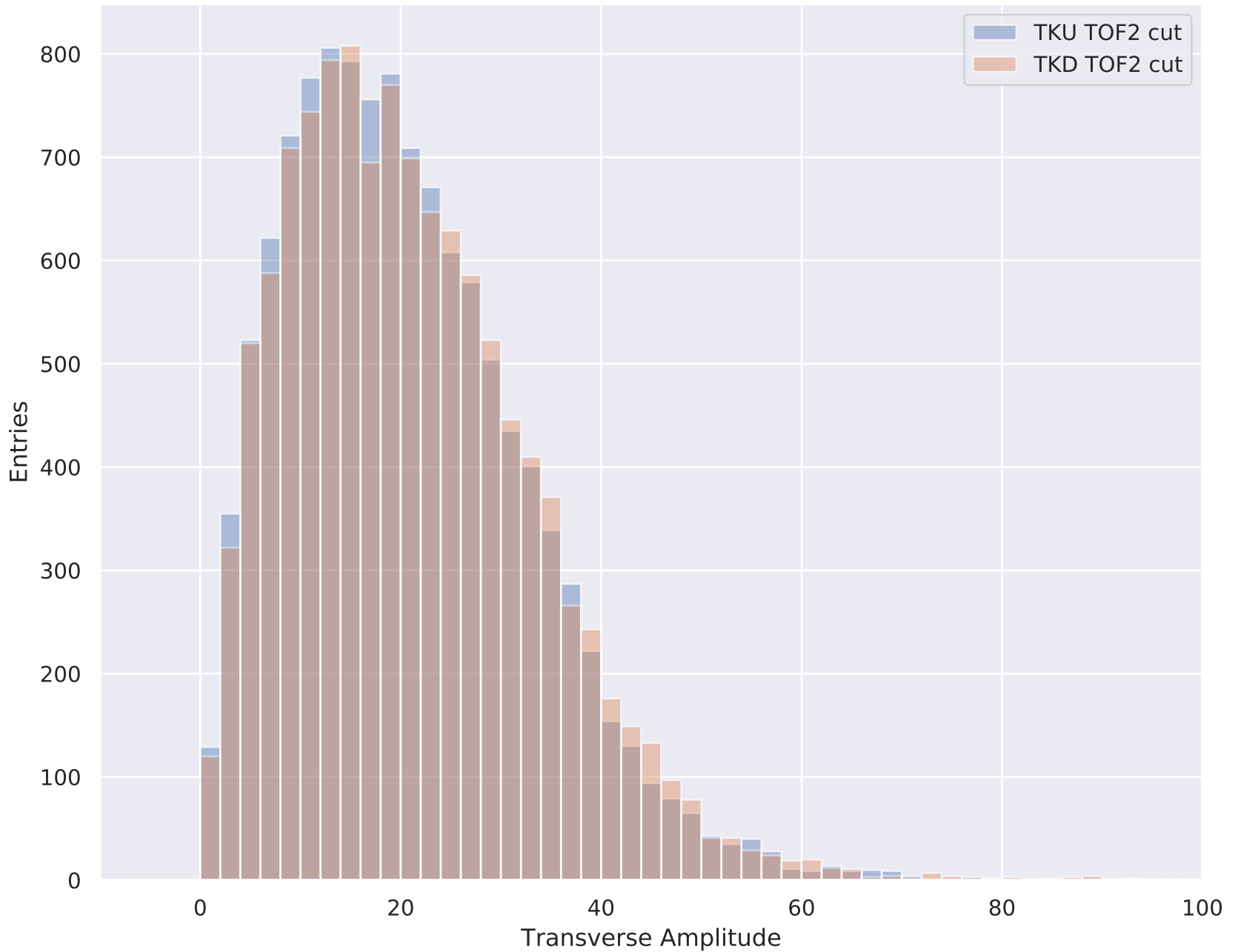
6-140 No Absorber Solenoid Amplitudes MC Truth



6-140 No Absorber Flip Amplitudes MC Recon

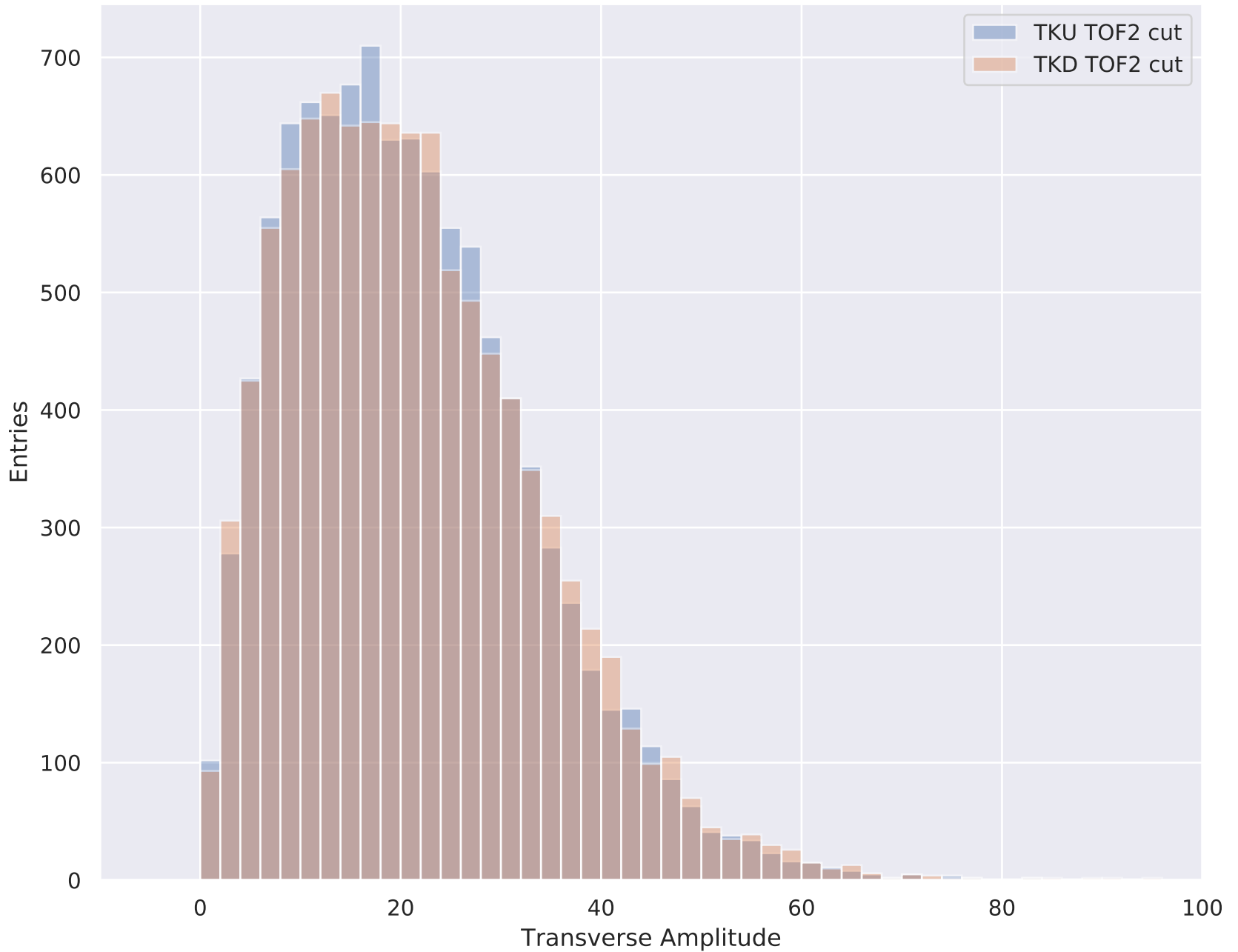


6-140 No Absorber Solenoid Amplitudes MC Recon

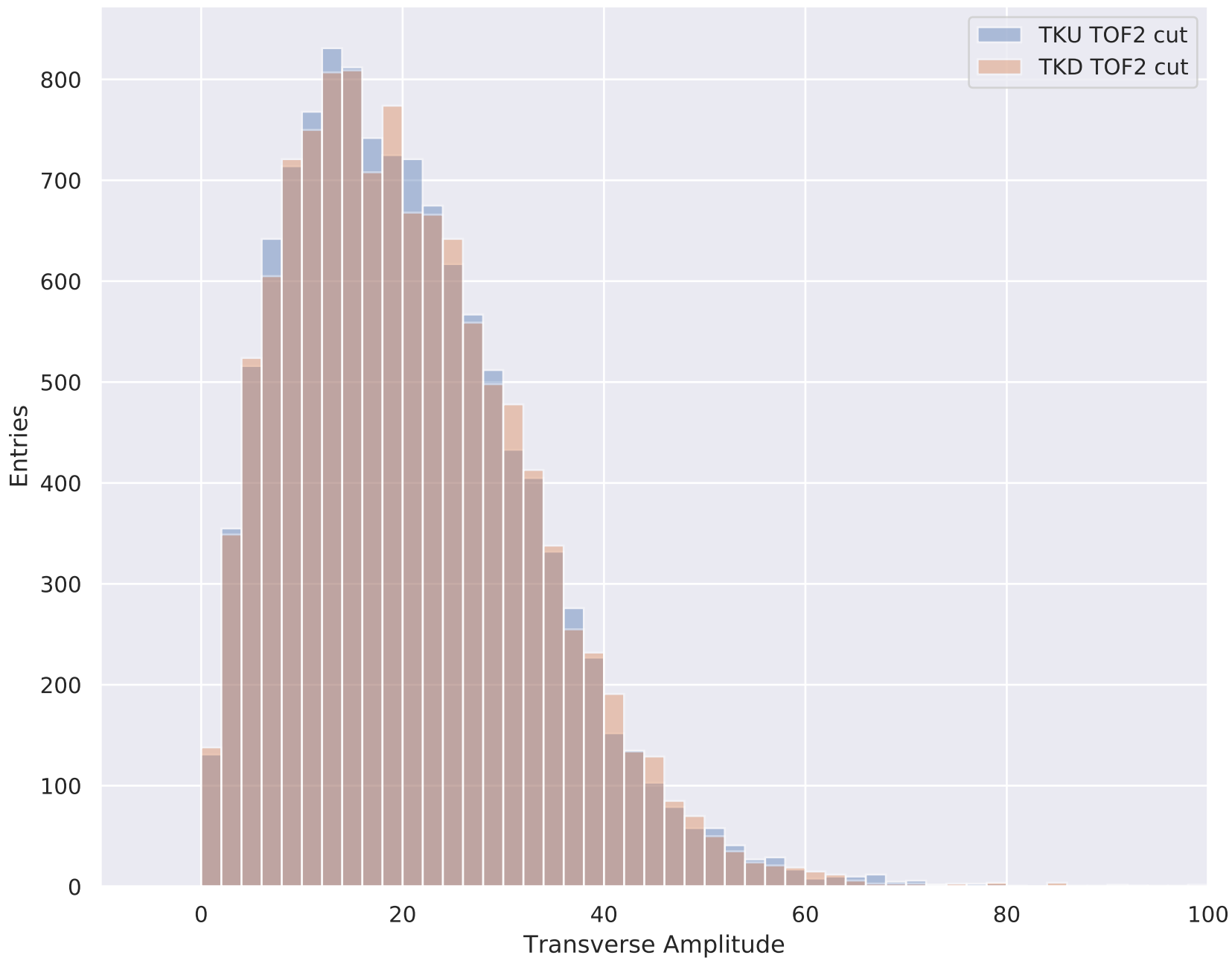




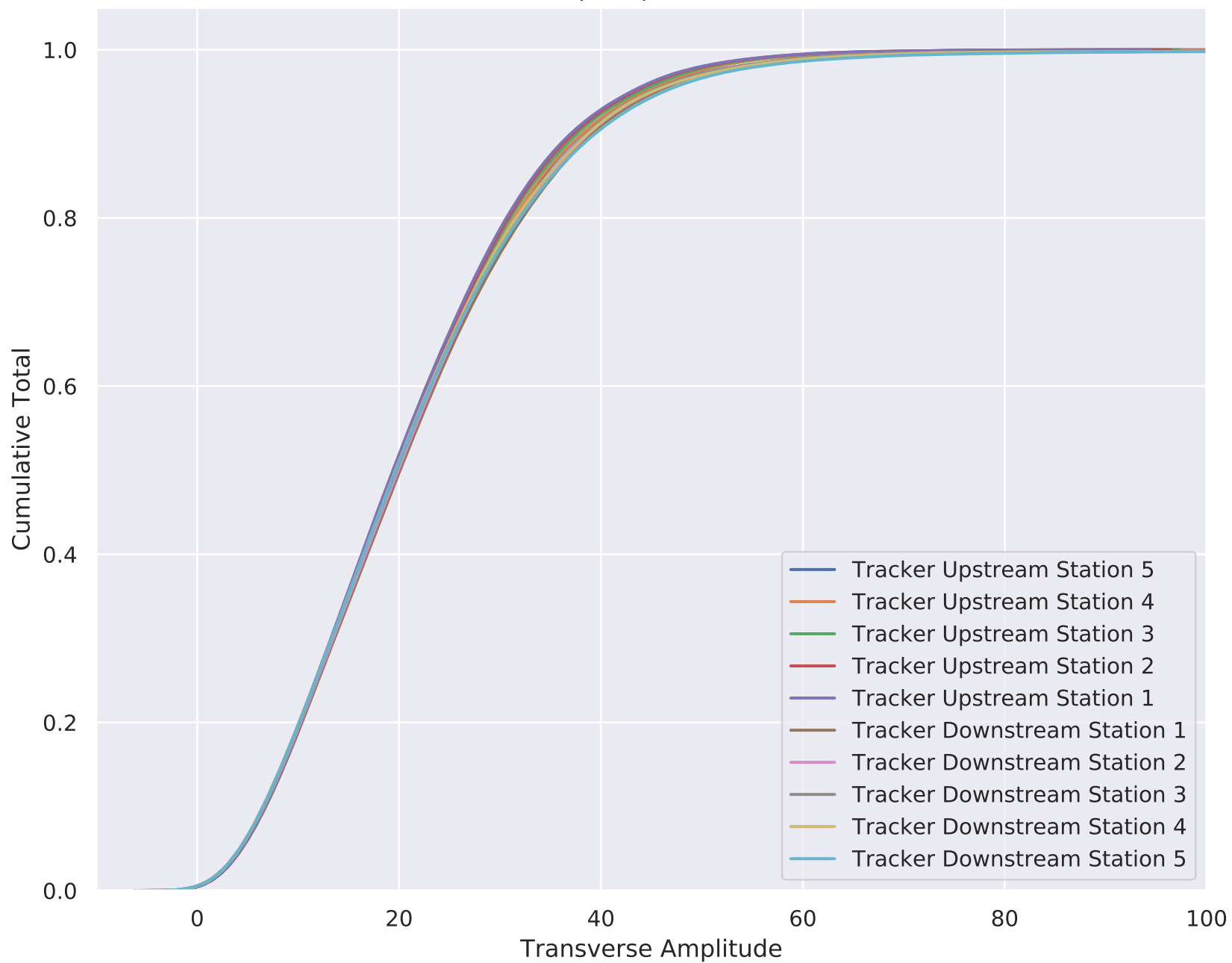
6-140 No Absorber Flip Amplitudes MC Truth



6-140 No Absorber Solenoid Amplitudes MC Truth

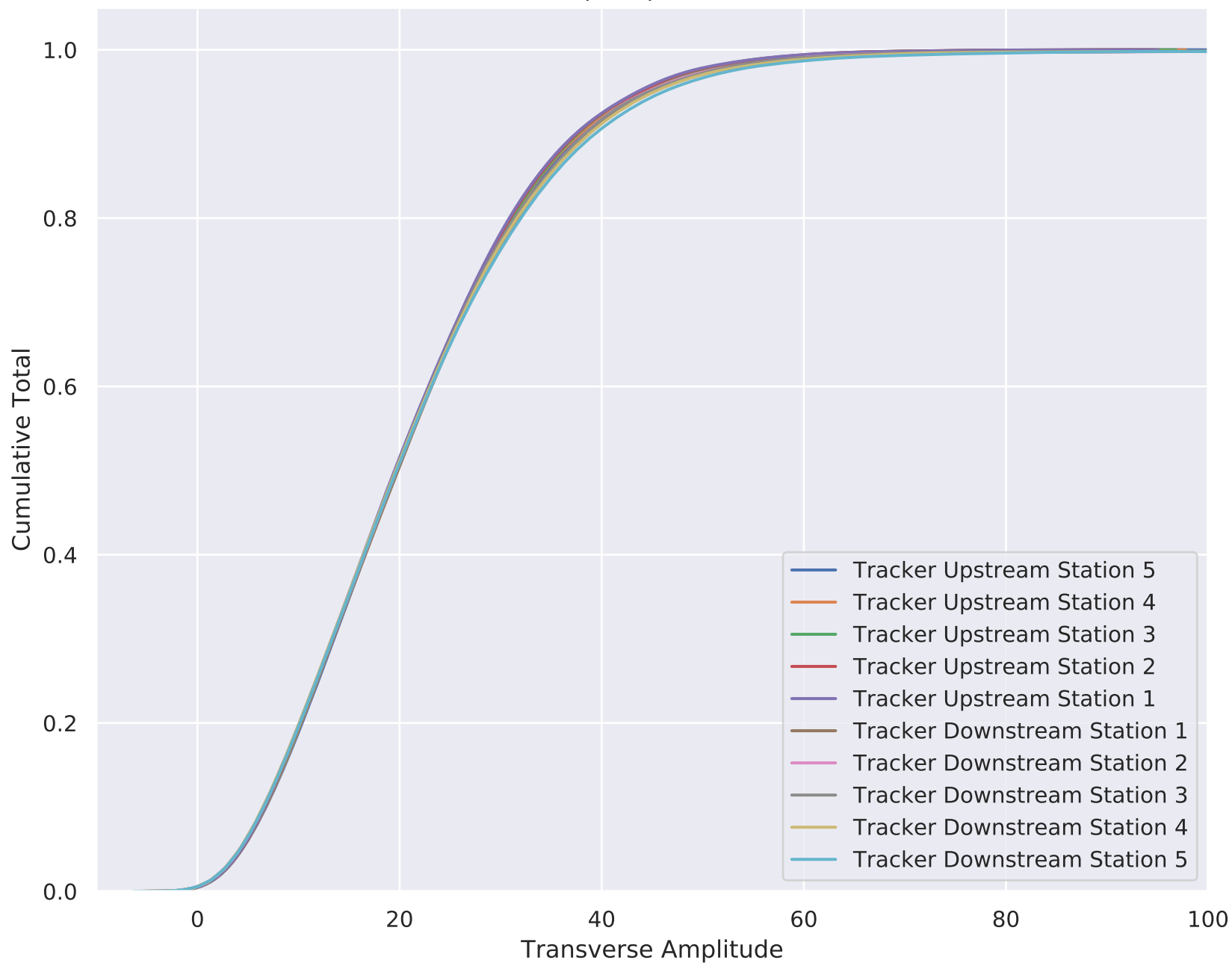


6-140 No Absorber Flip Amplitude MC Recon (TOF2 cut)

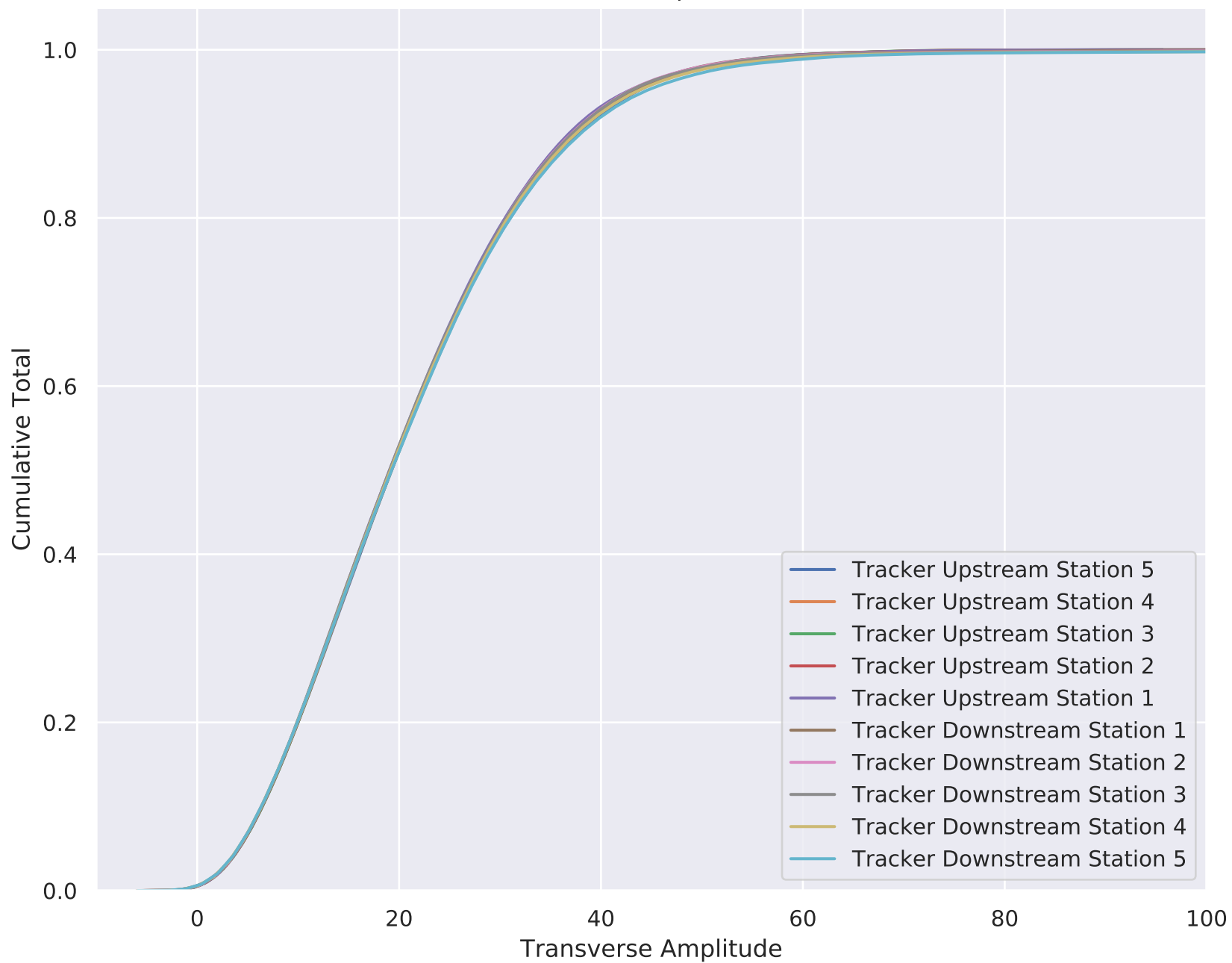




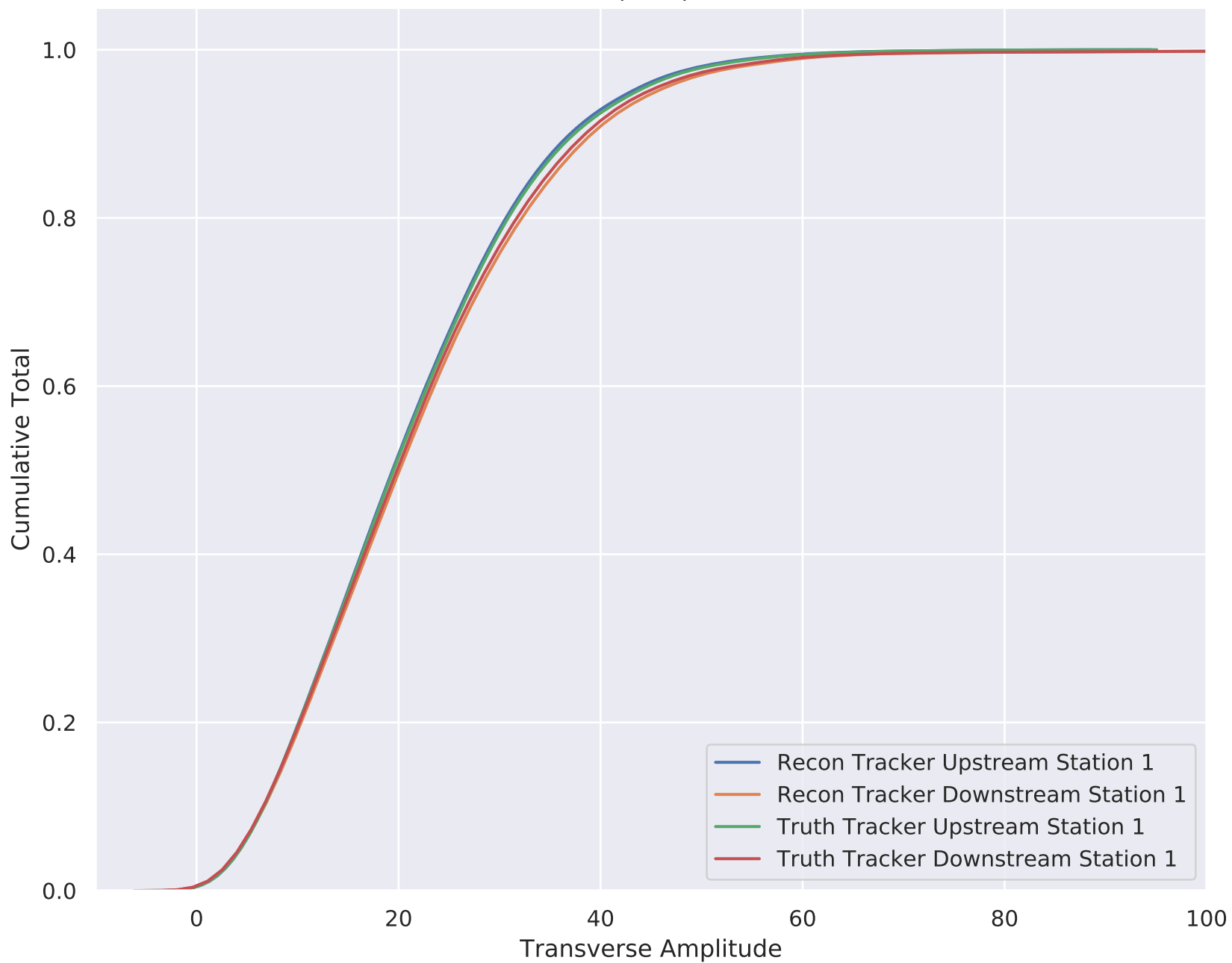
6-140 No Absorber Flip Amplitude MC Truth (TOF2 cut)



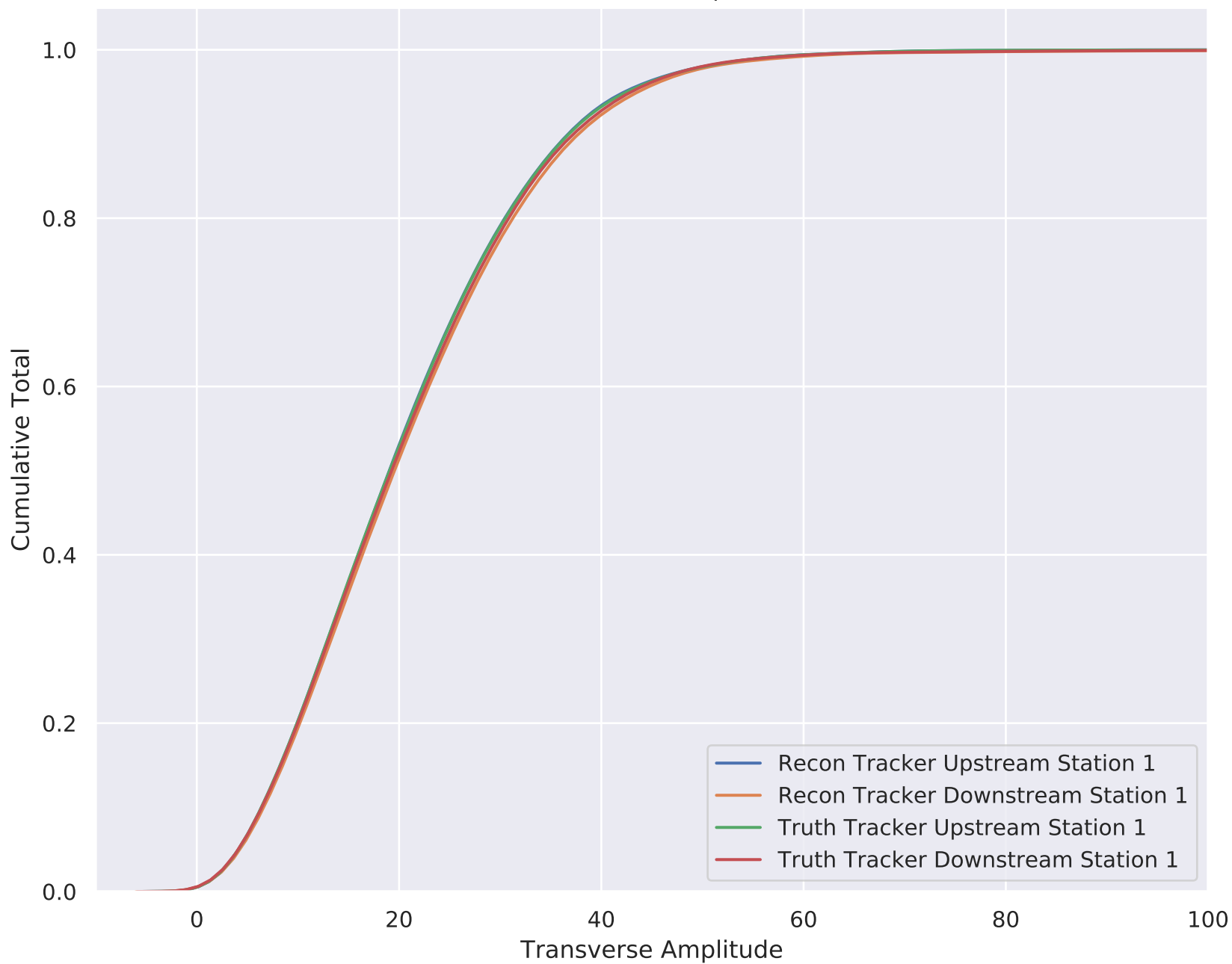
6-140 No Absorber Solenoid Amplitude MC Truth (TOF2 cut)



6-140 No Absorber Flip Amplitude MC (TOF2 cut)



6-140 No Absorber Solenoid Amplitude MC (TOF2 cut)

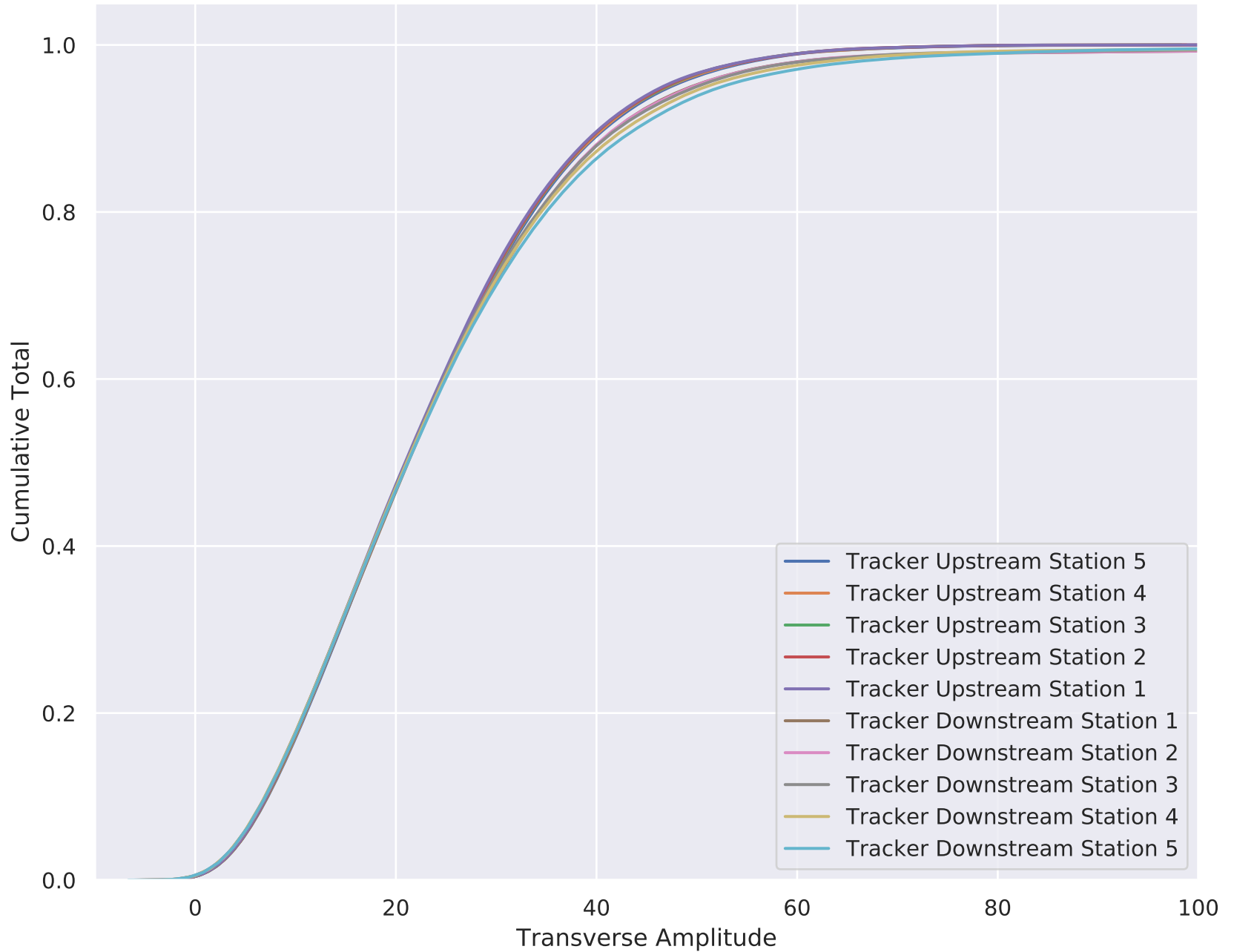






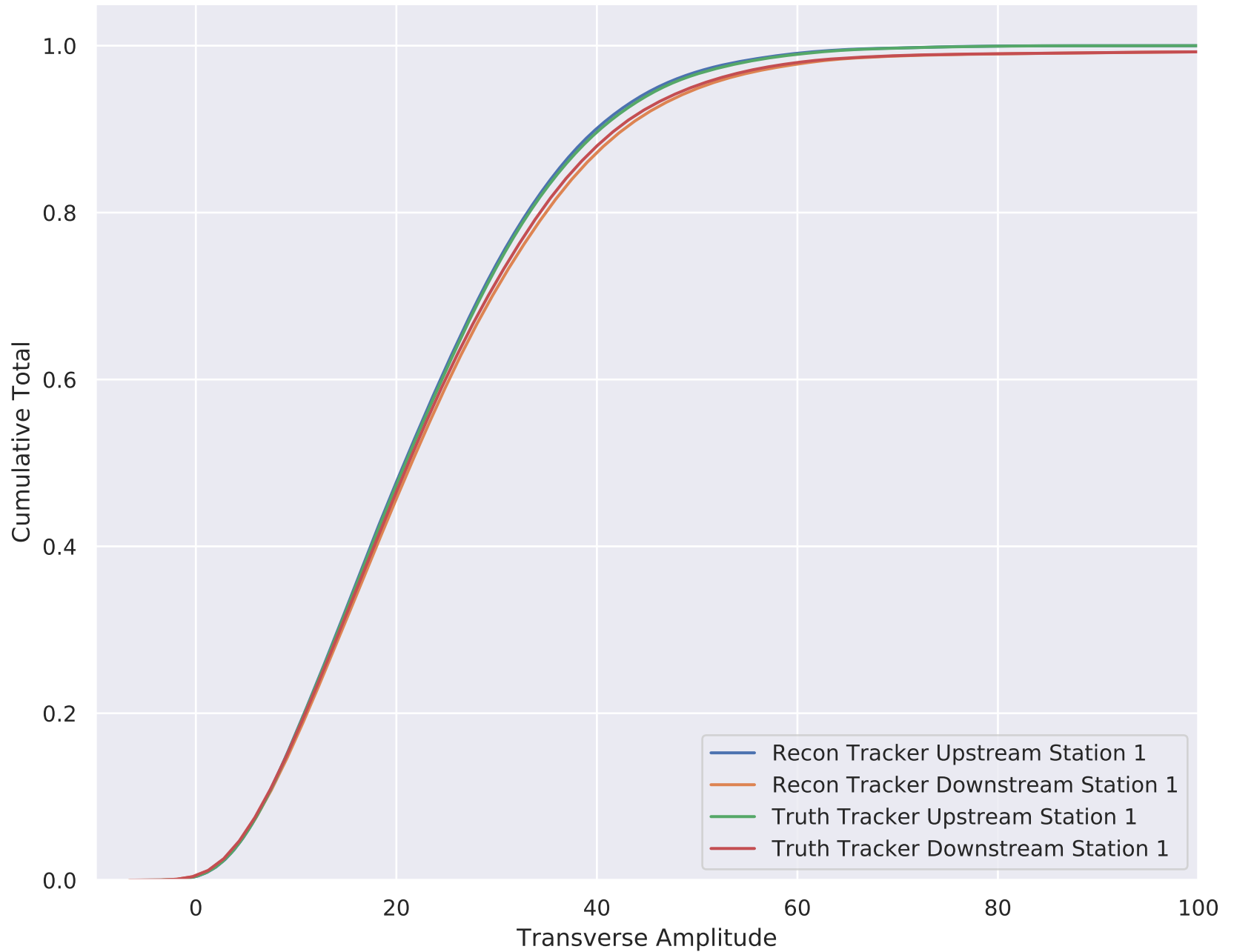


6-140 No Absorber Flip Amplitude MC Truth (Downstream cut)

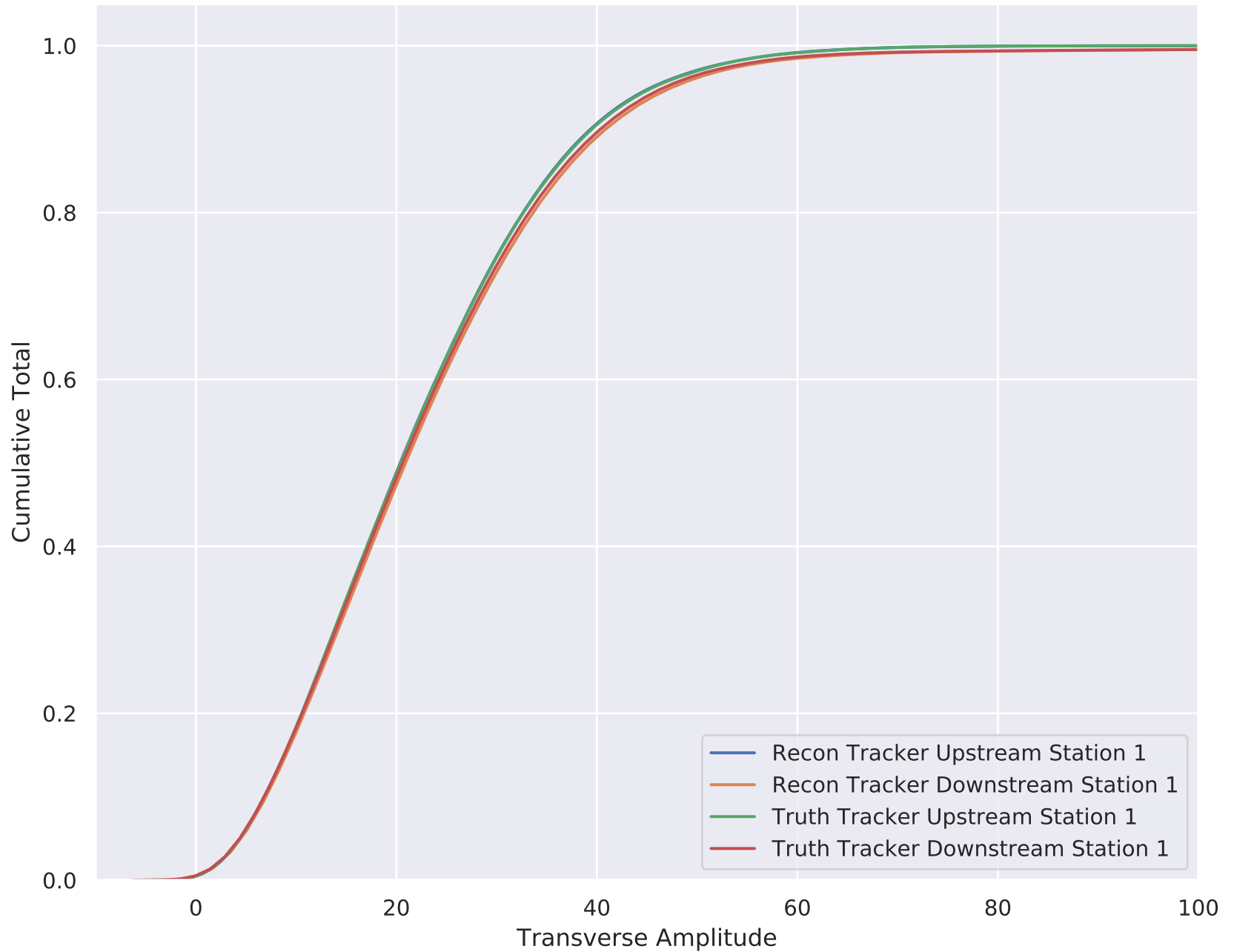




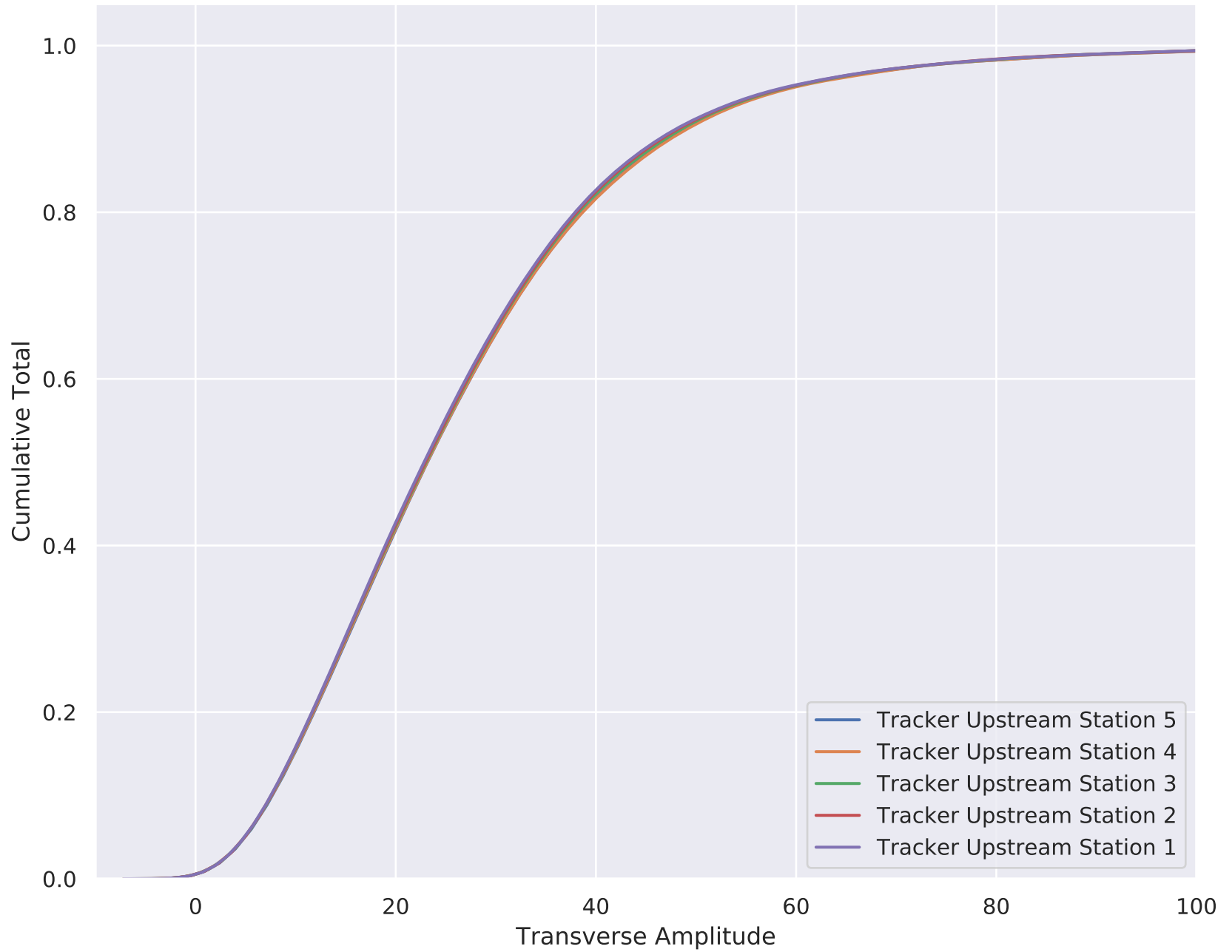
6-140 No Absorber Flip Amplitude MC (Downstream cut)



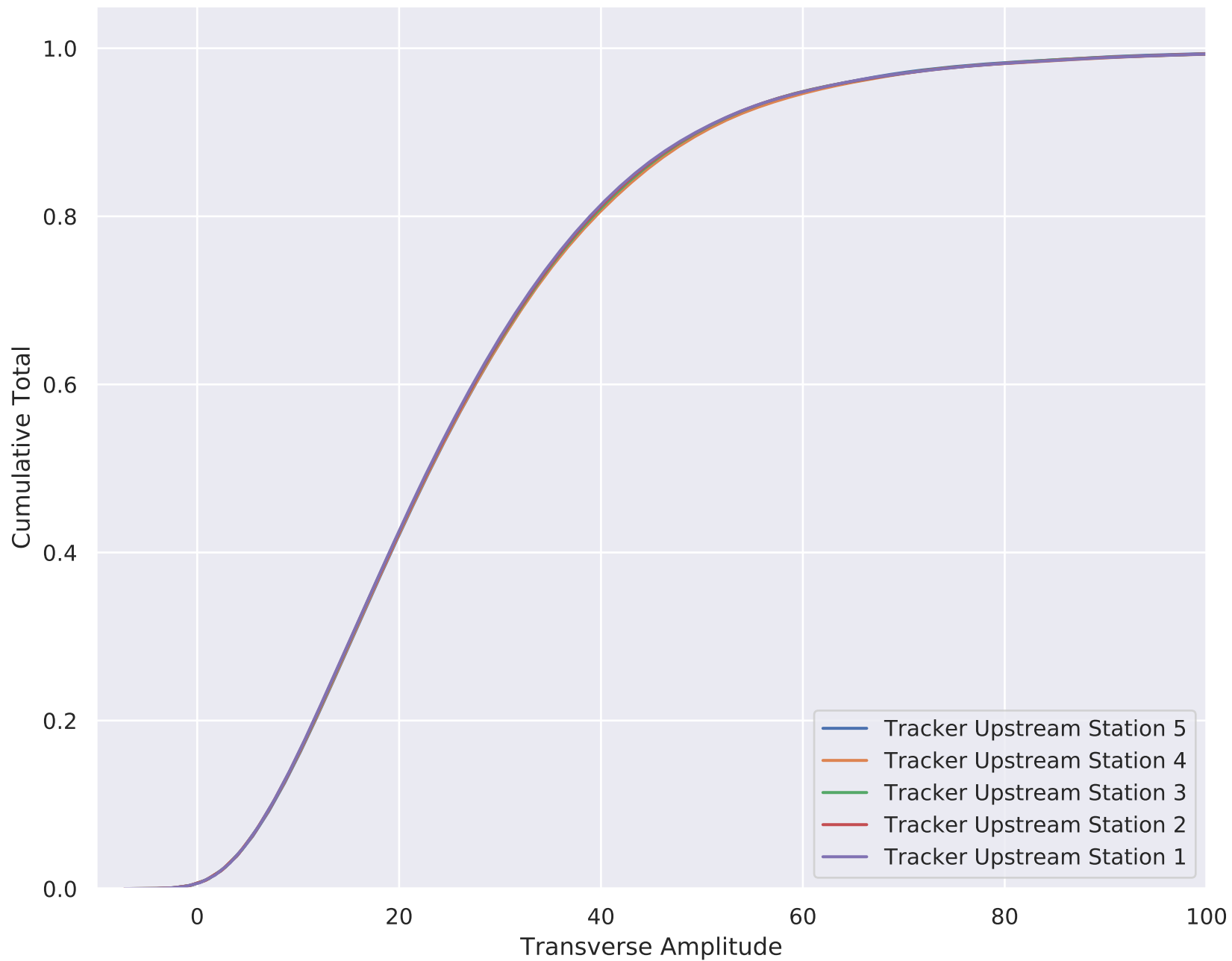
6-140 No Absorber Solenoid Amplitude MC (Downstream cut)



6-140 No Absorber Flip Amplitude MC Recon (Full Upstream)

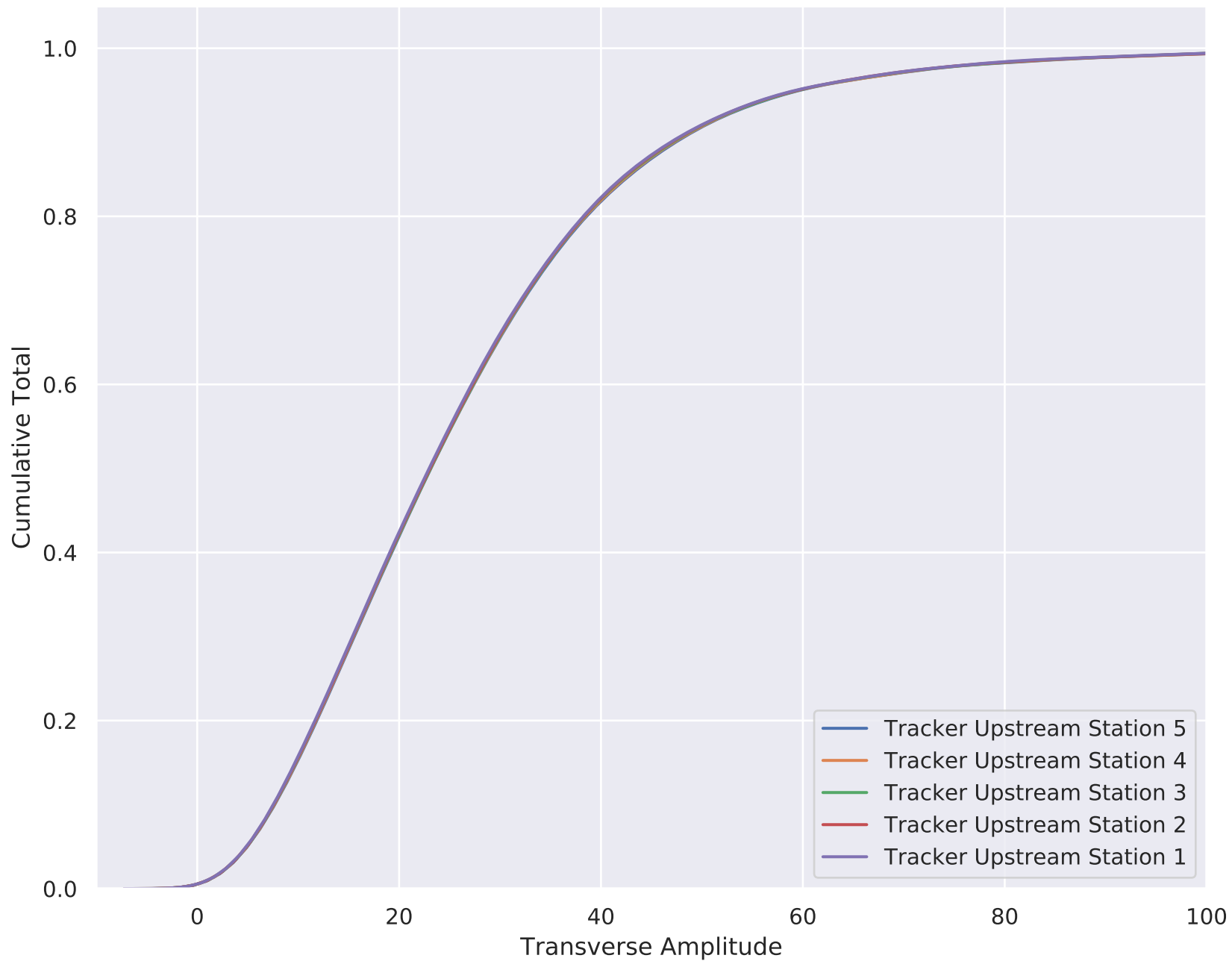


6-140 No Absorber Solenoid Amplitude MC Recon (Full Upstream)

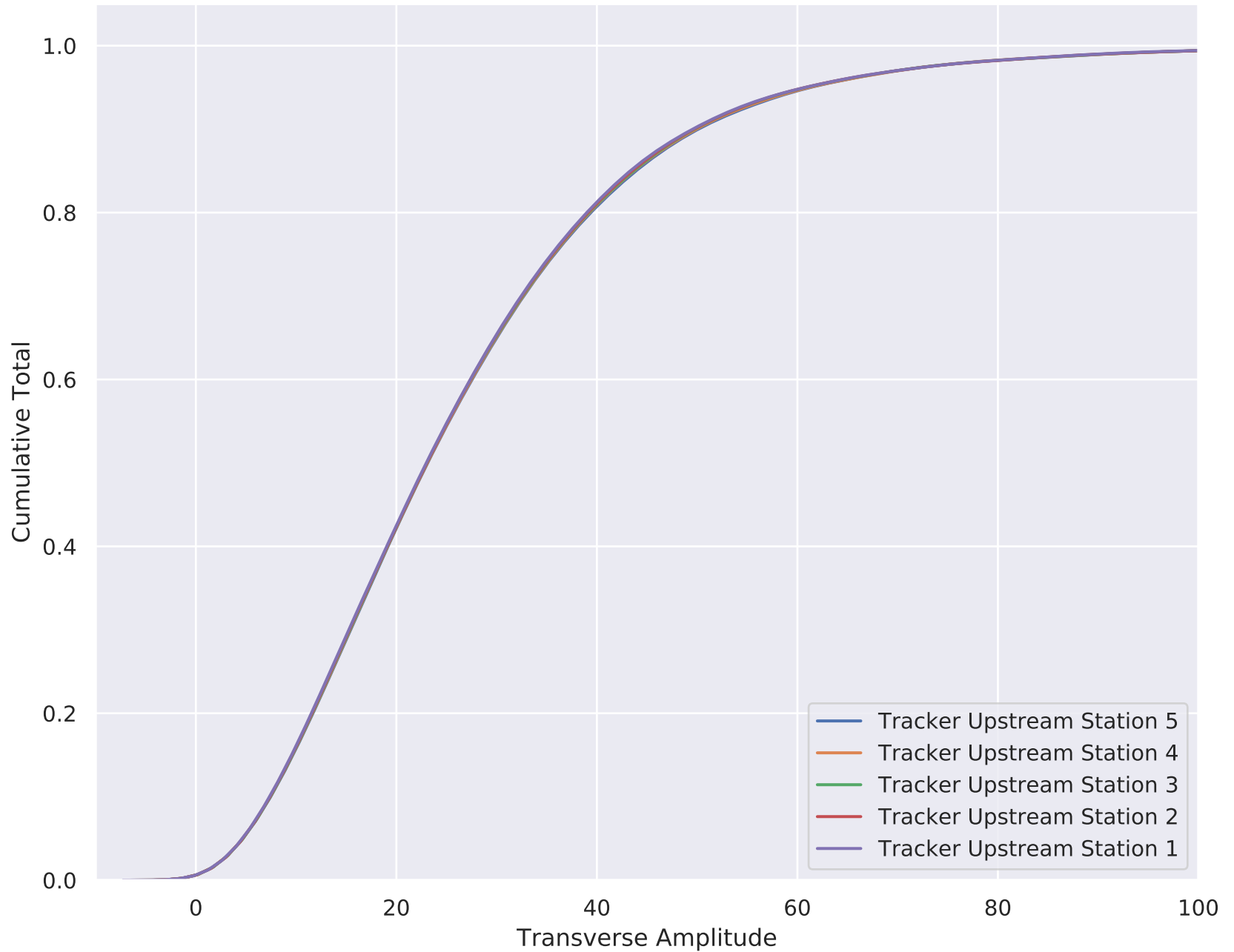




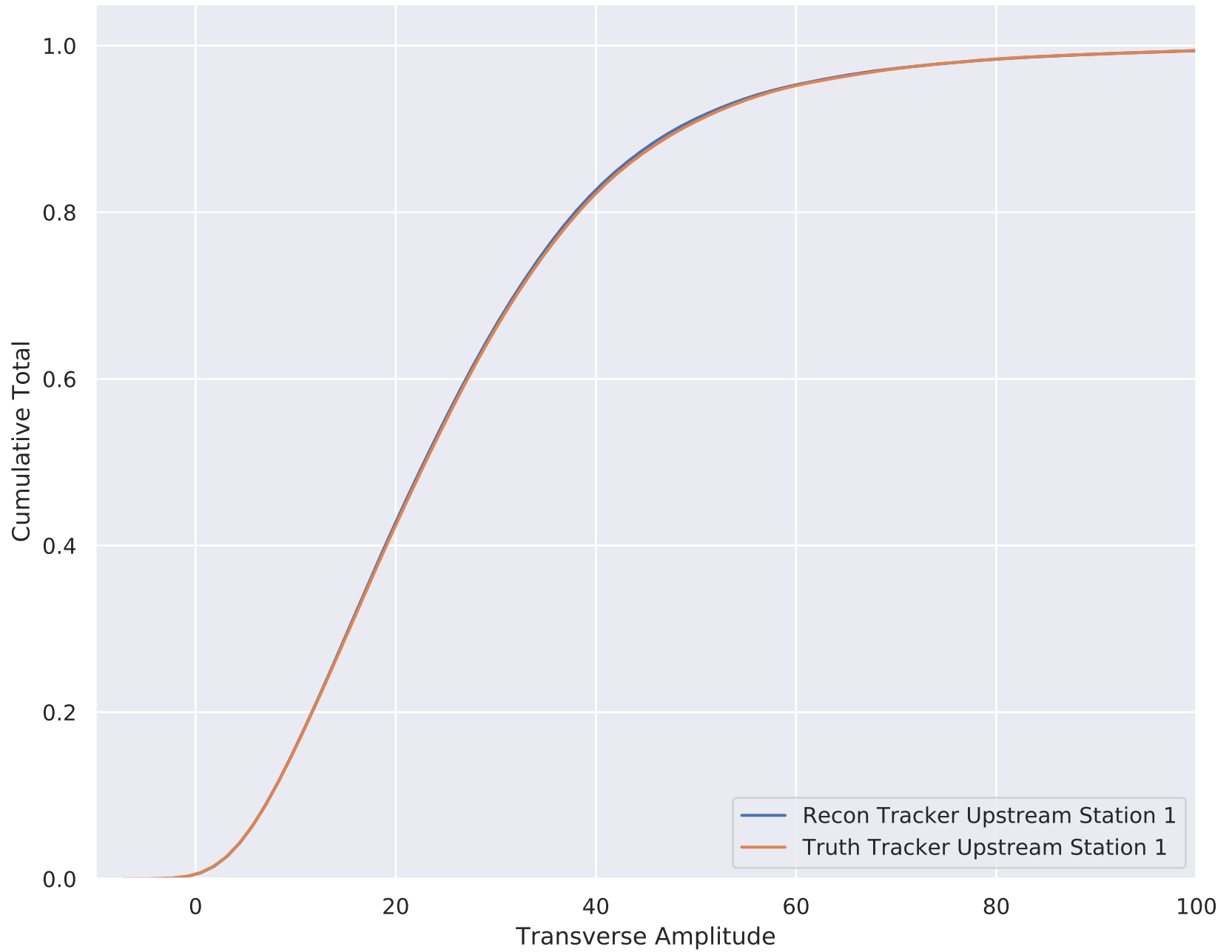
6-140 No Absorber Flip Amplitude MC Recon (Full Upstream)



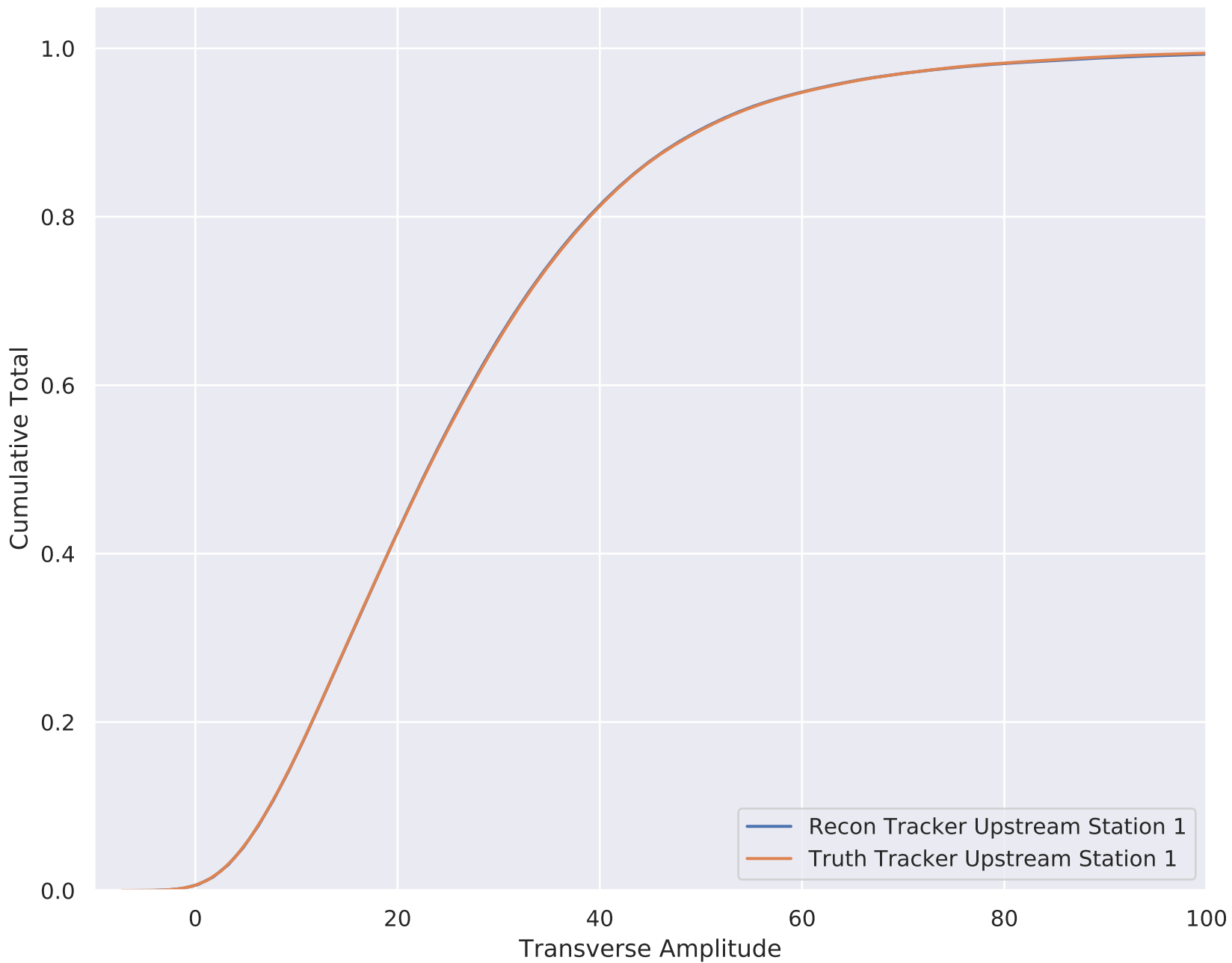
6-140 No Absorber Solenoid Amplitude MC Recon (Full Upstream)



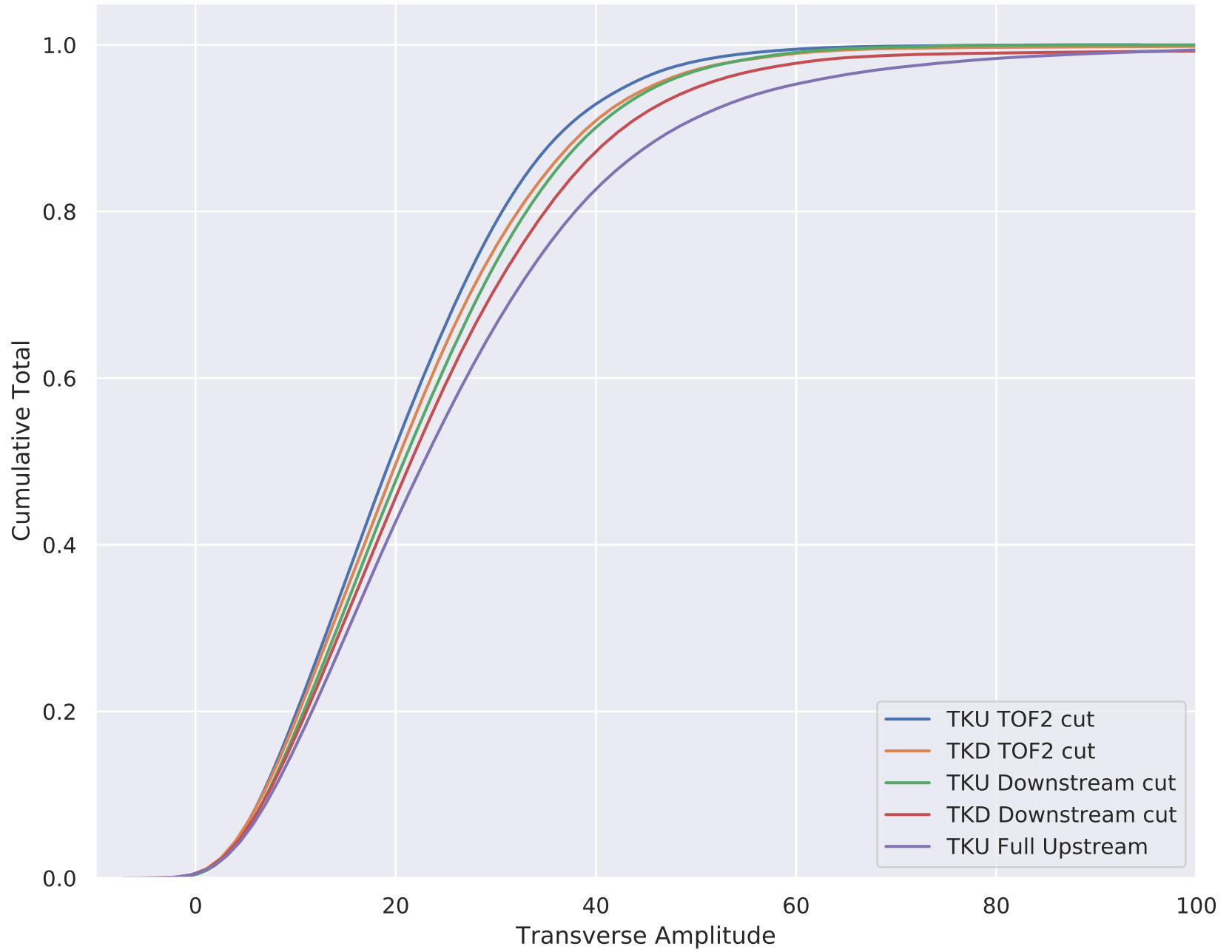
6-140 No Absorber Flip Amplitude MC (Upstream)



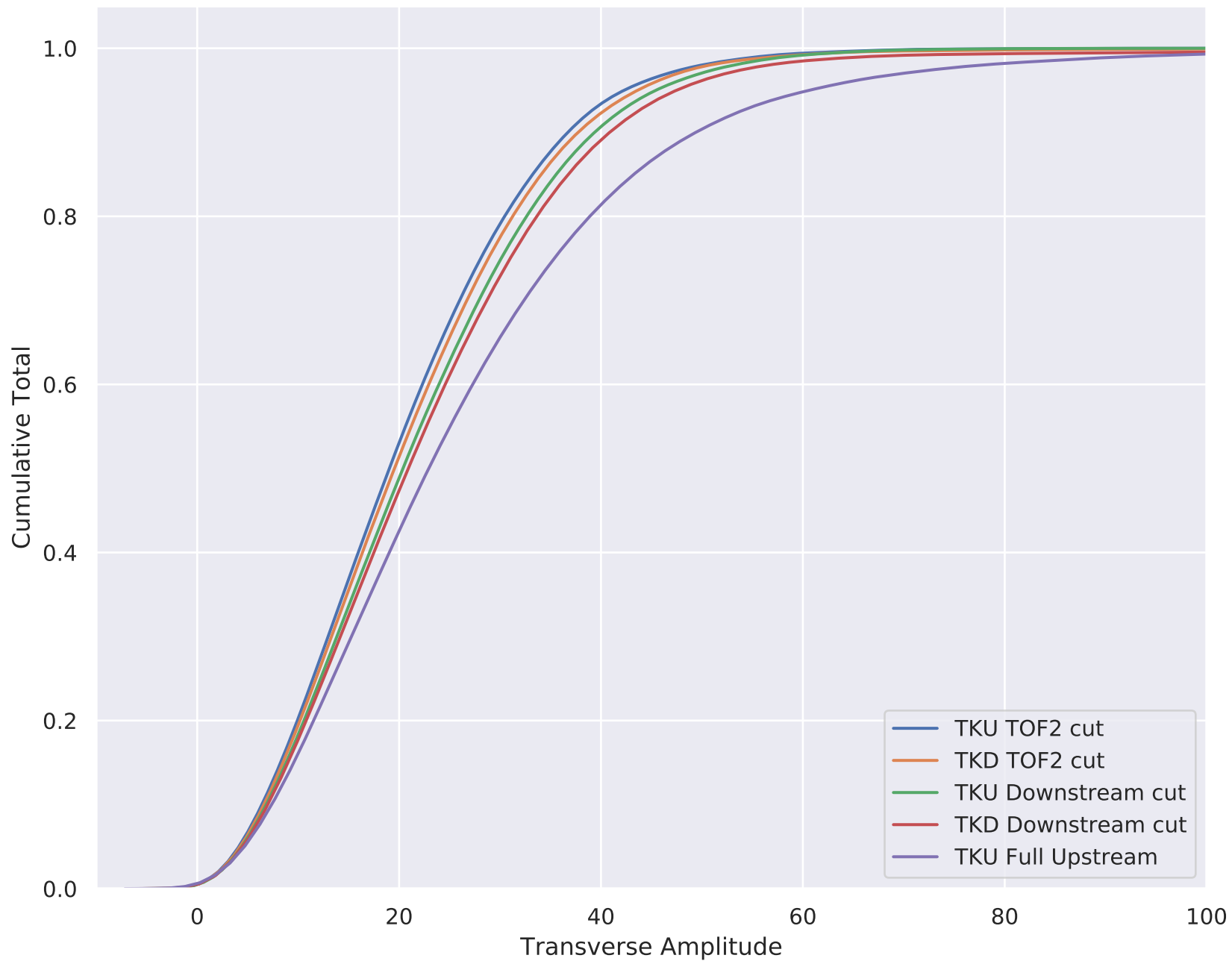
6-140 No Absorber Solenoid Amplitude MC (Upstream)



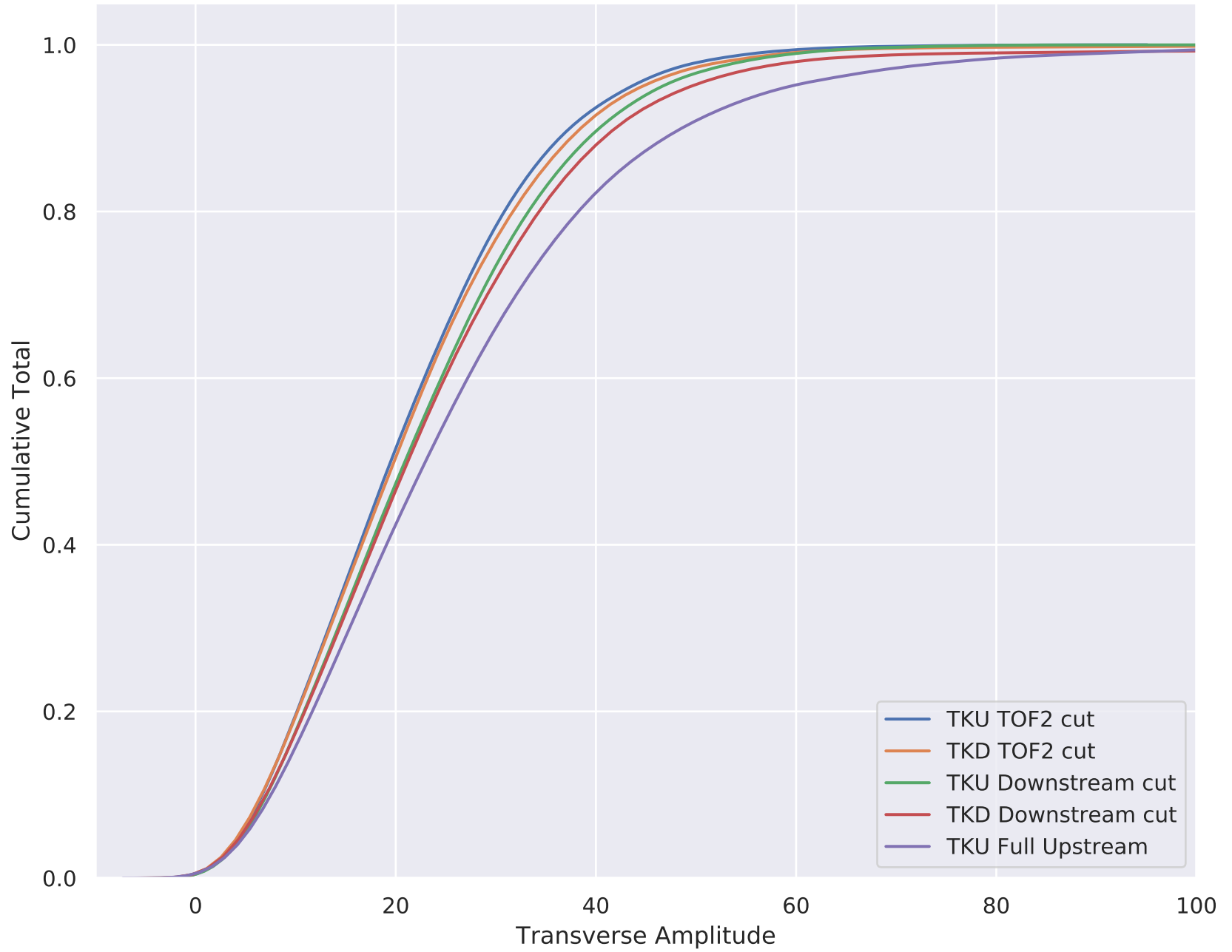
6-140 No Absorber Flip Amplitudes MC Recon



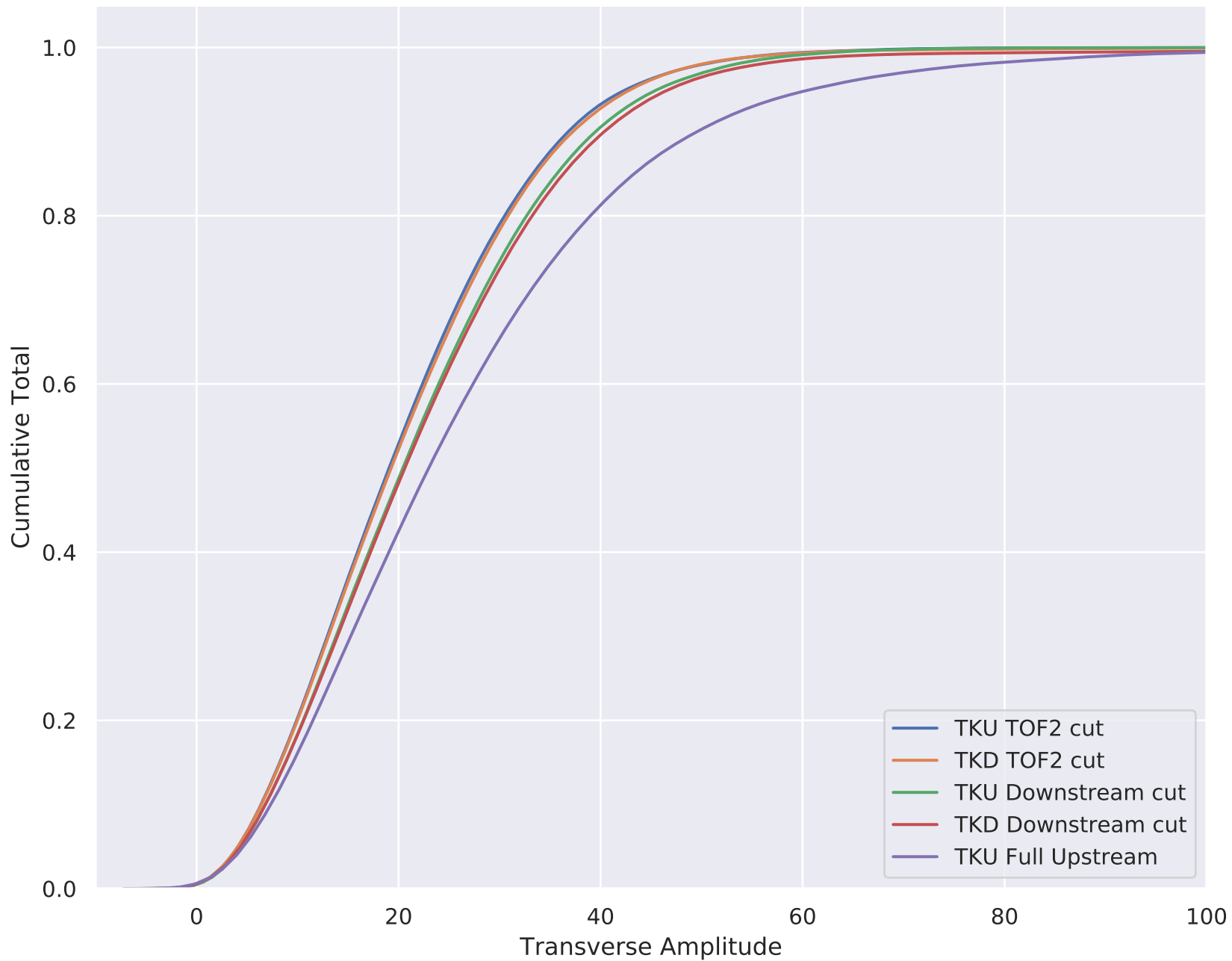
6-140 No Absorber Solenoid Amplitudes MC Recon



6-140 No Absorber Flip Amplitudes MC Truth

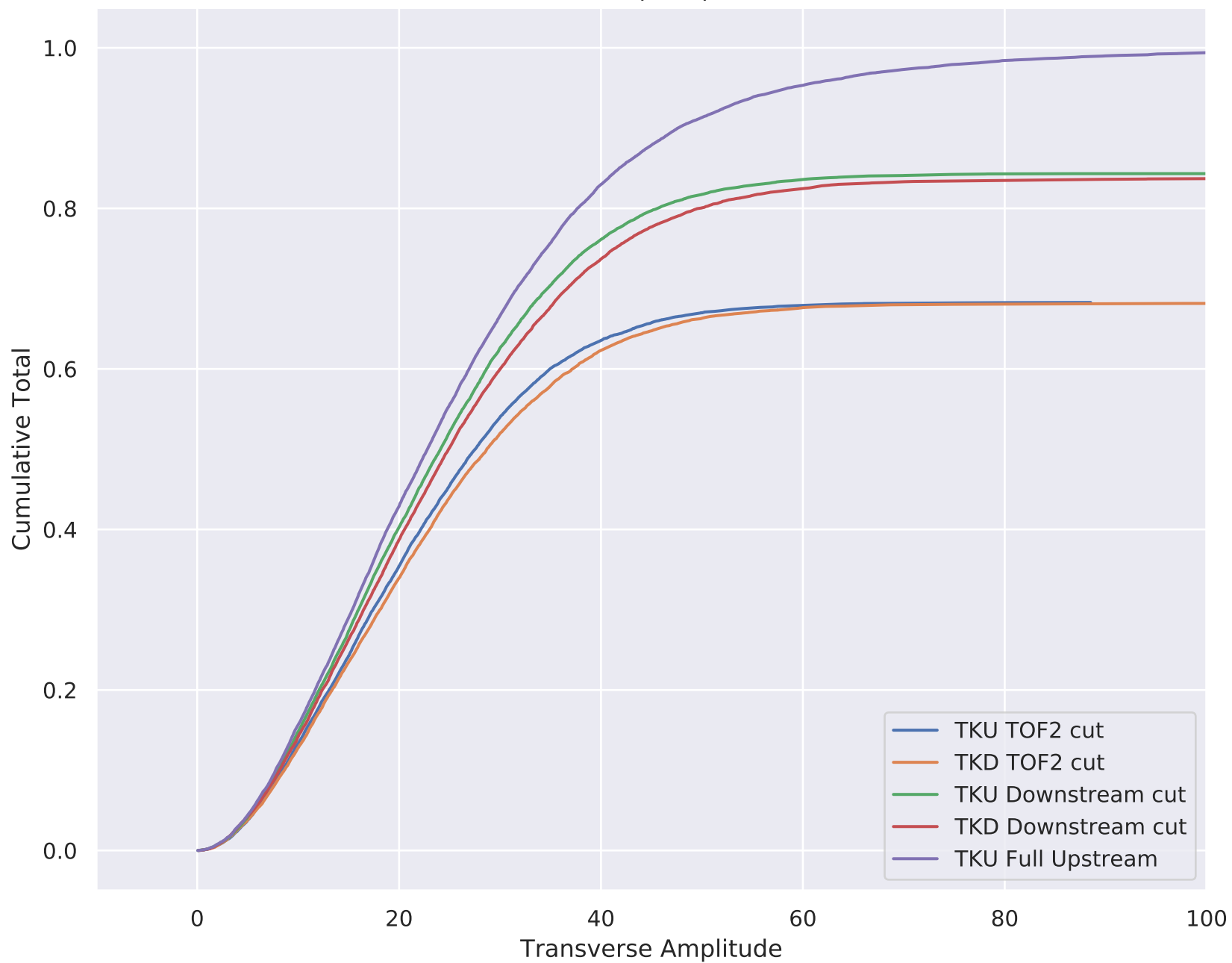


6-140 No Absorber Solenoid Amplitudes MC Truth

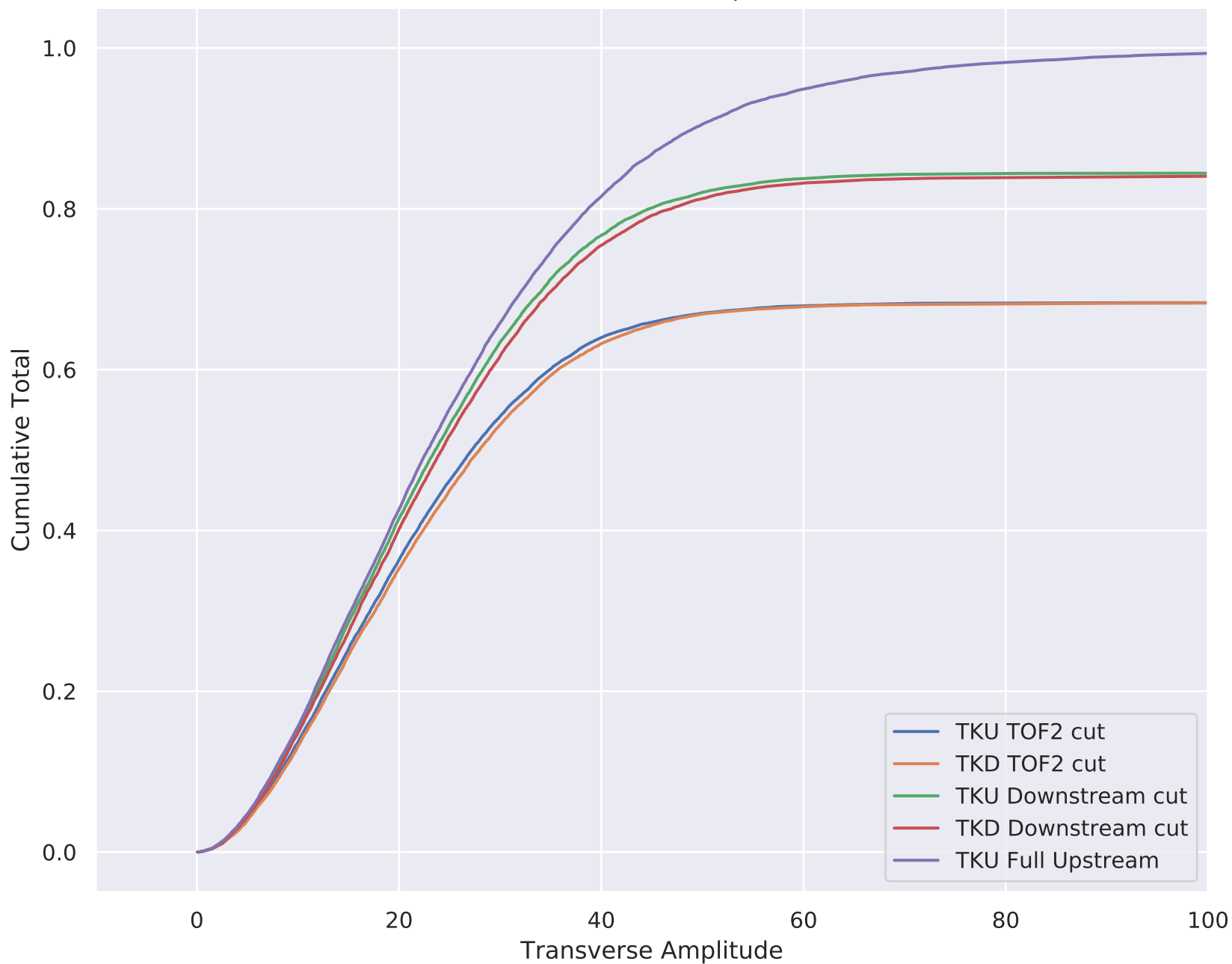




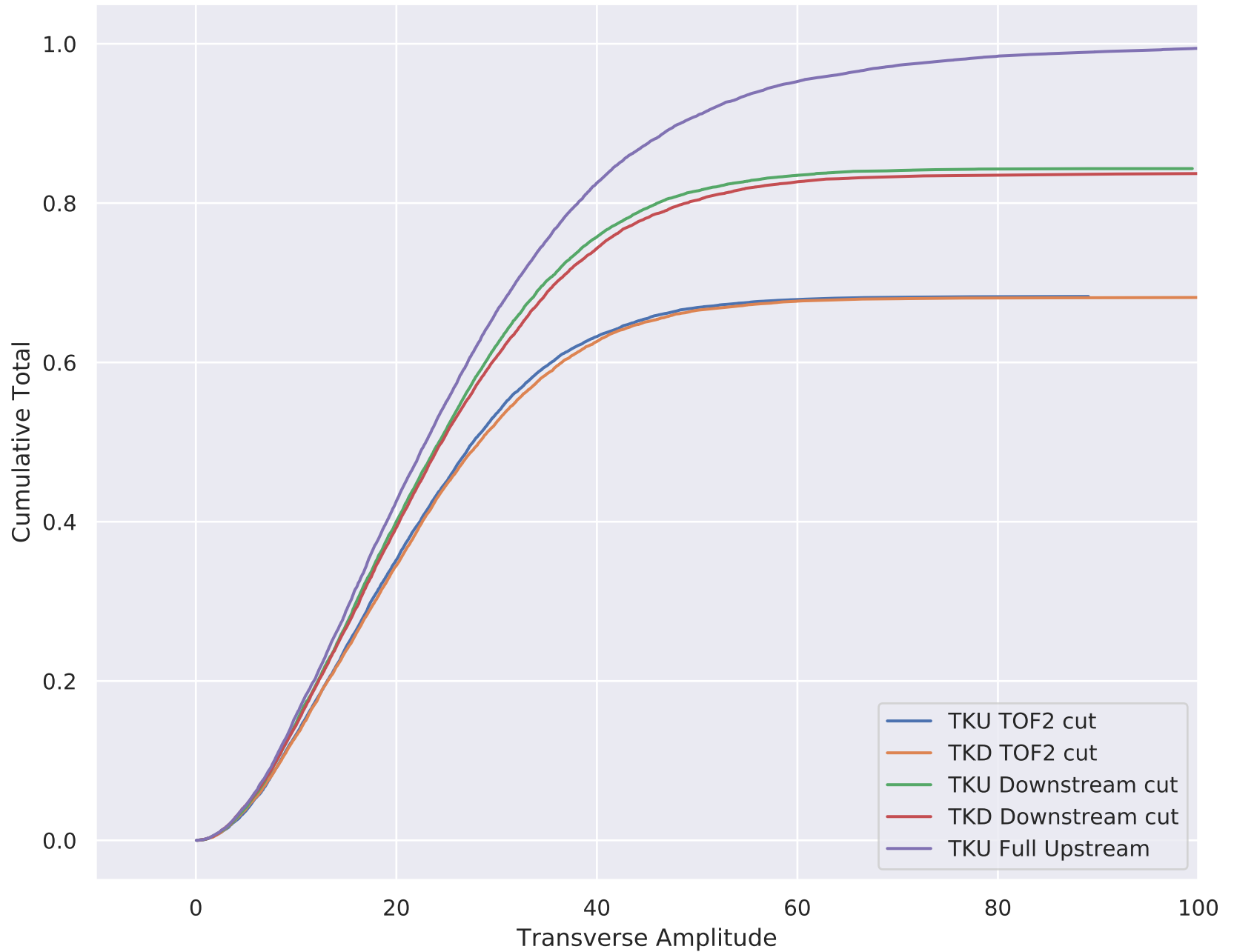
6-140 No Absorber Flip Amplitudes MC Recon



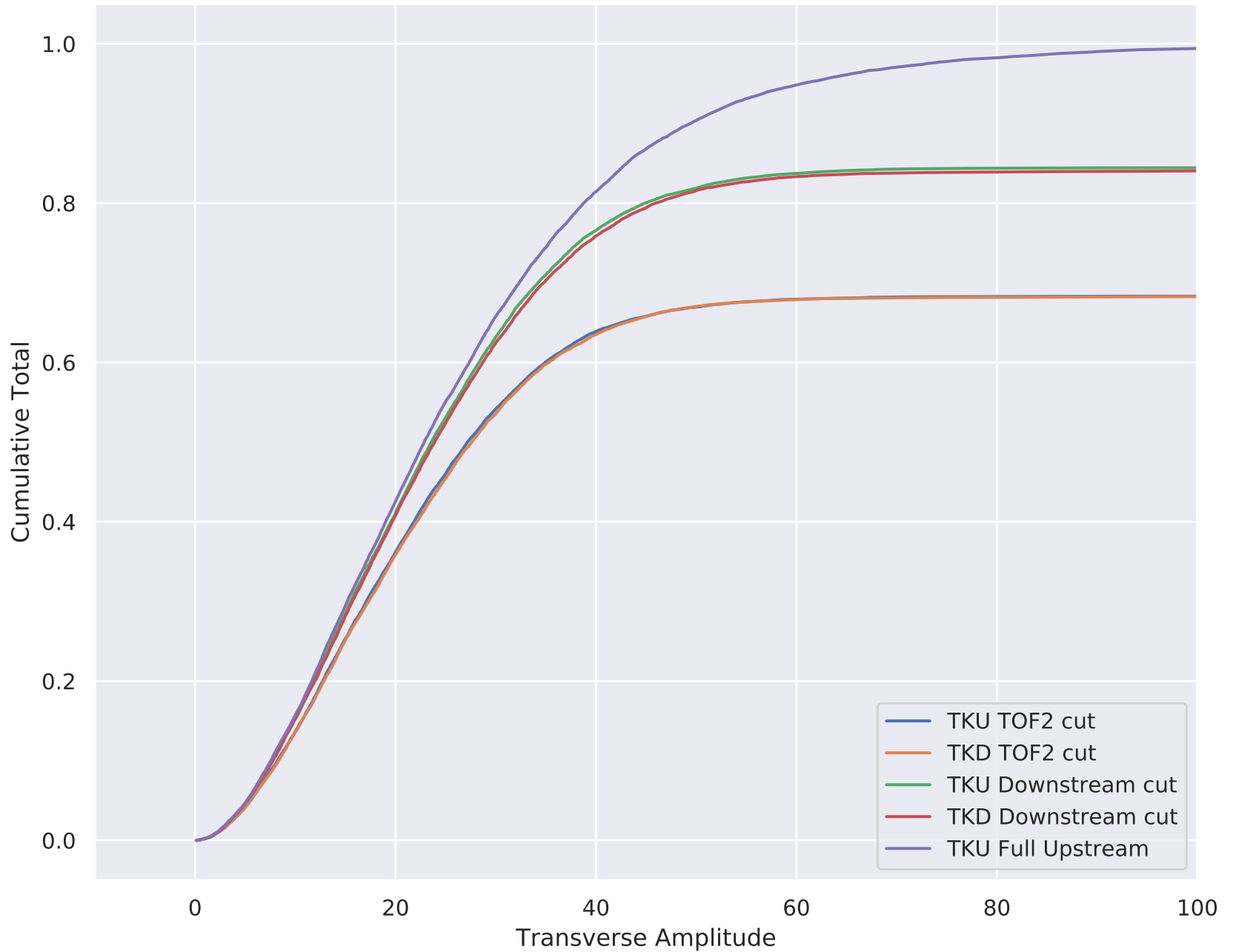
6-140 No Absorber Solenoid Amplitudes MC Recon



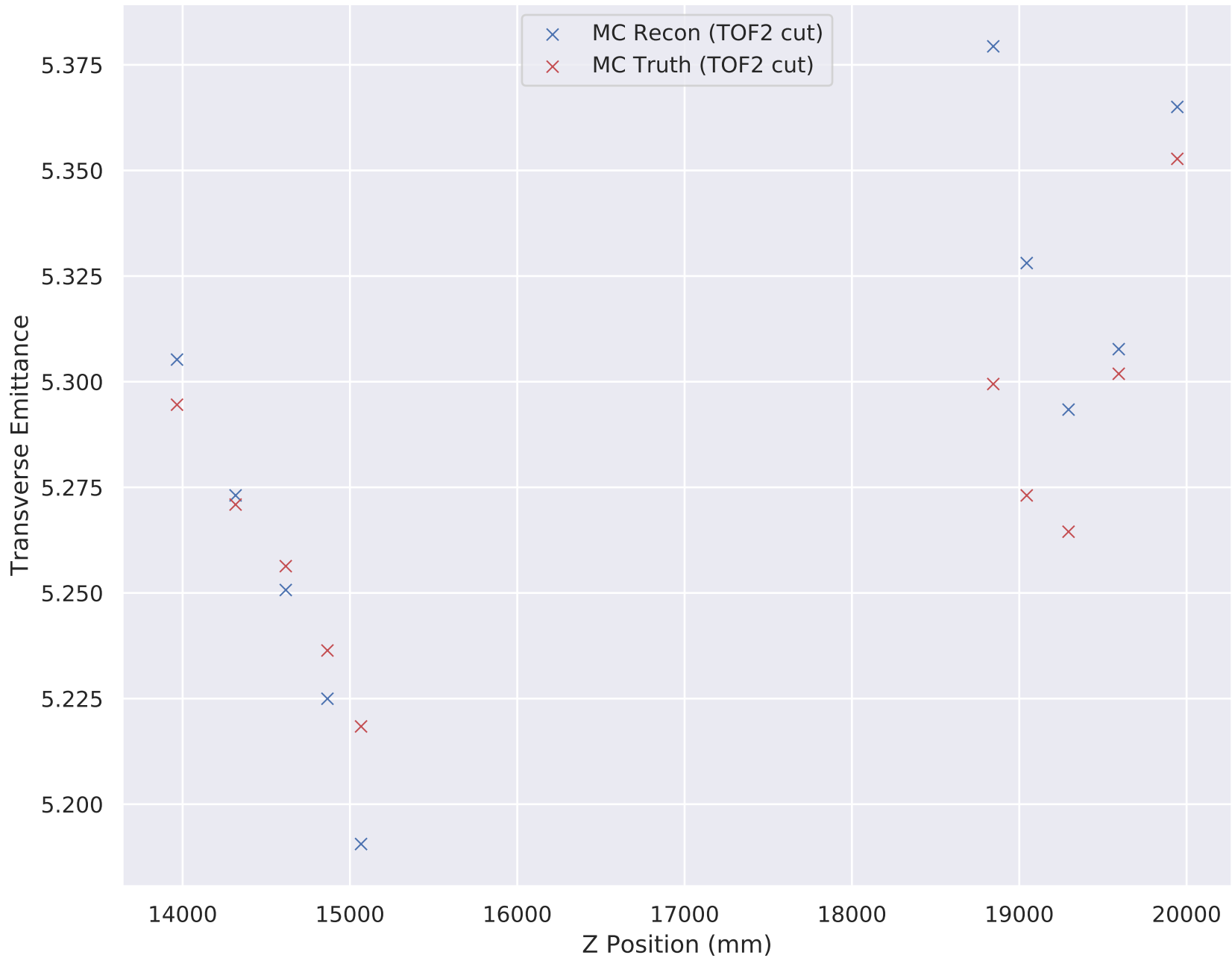
6-140 No Absorber Flip Amplitudes MC Truth



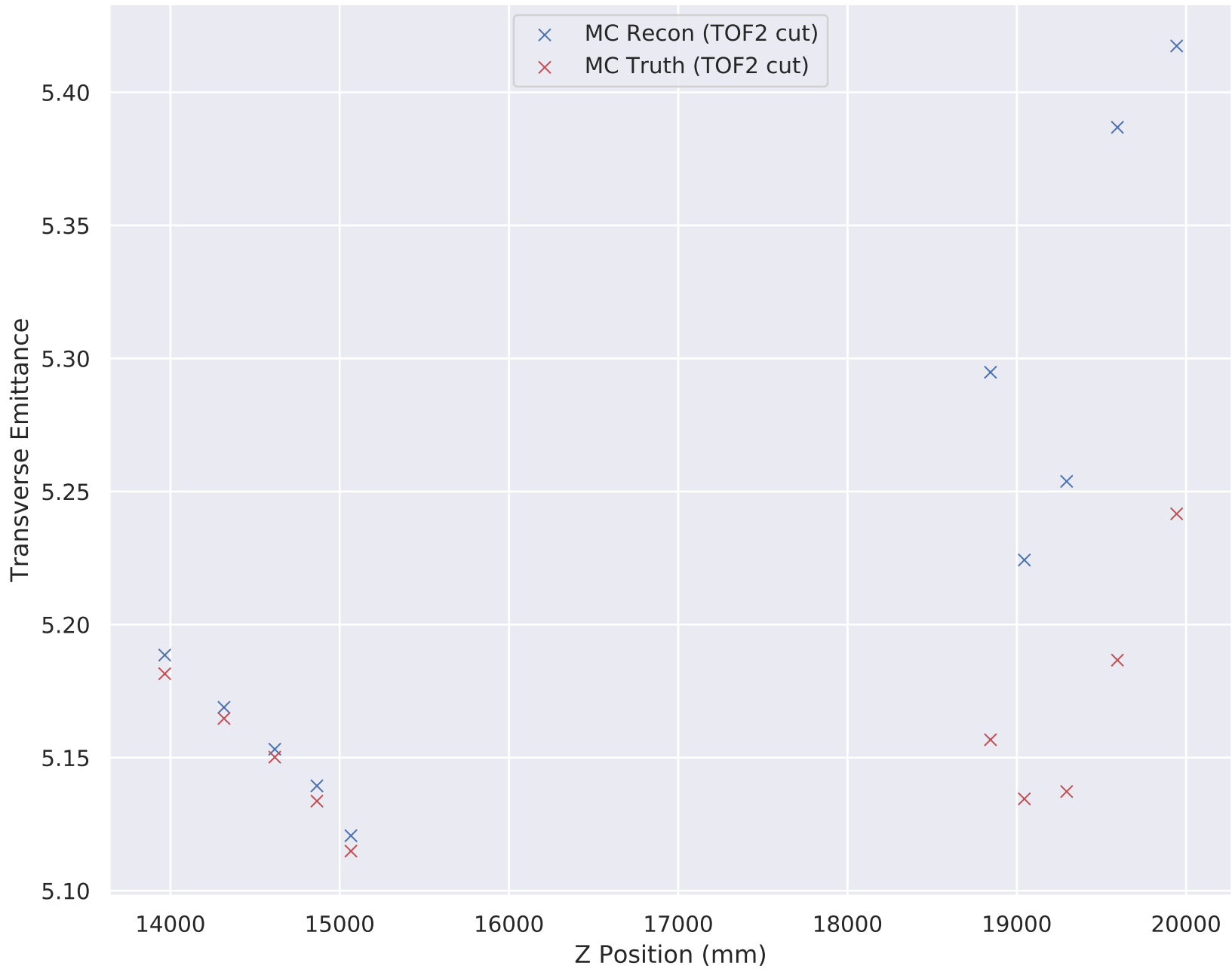
6-140 No Absorber Solenoid Amplitudes MC Truth



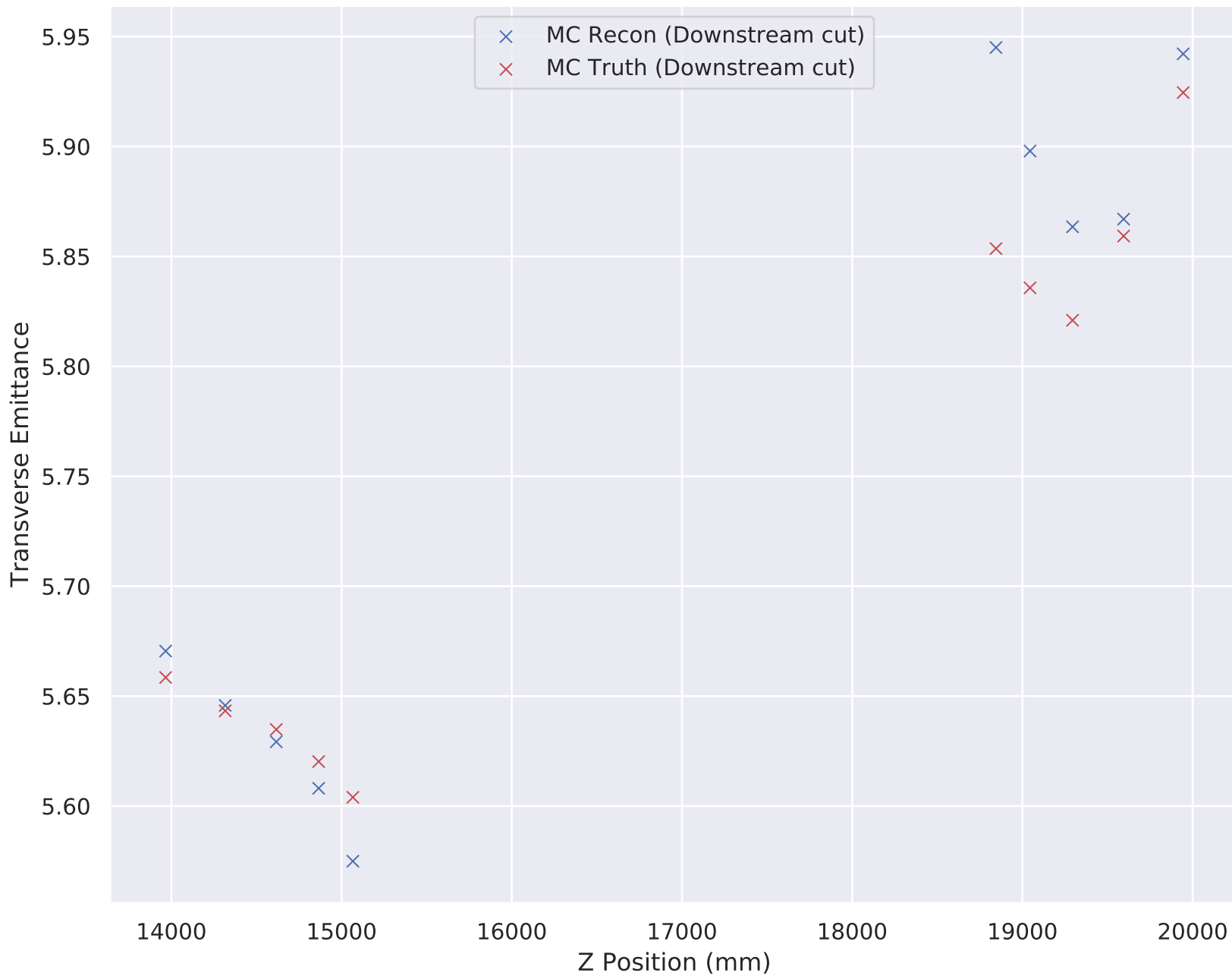
6-140 No Absorber Flip Transverse Emittance (TOF2 cut)



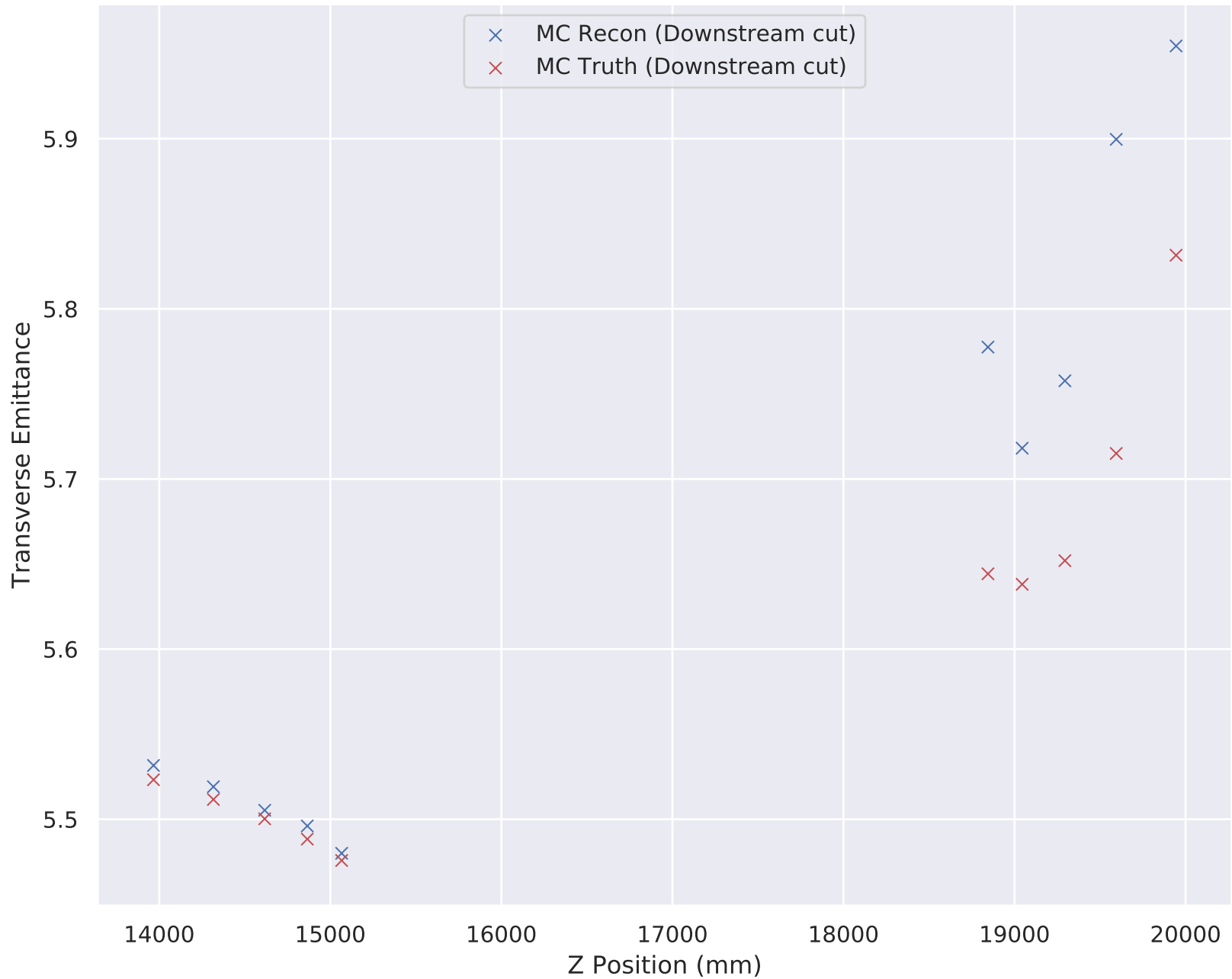
6-140 No Absorber Solenoid Transverse Emittance (TOF2 cut)



6-140 No Absorber Flip Transverse Emittance (Downstream cut)

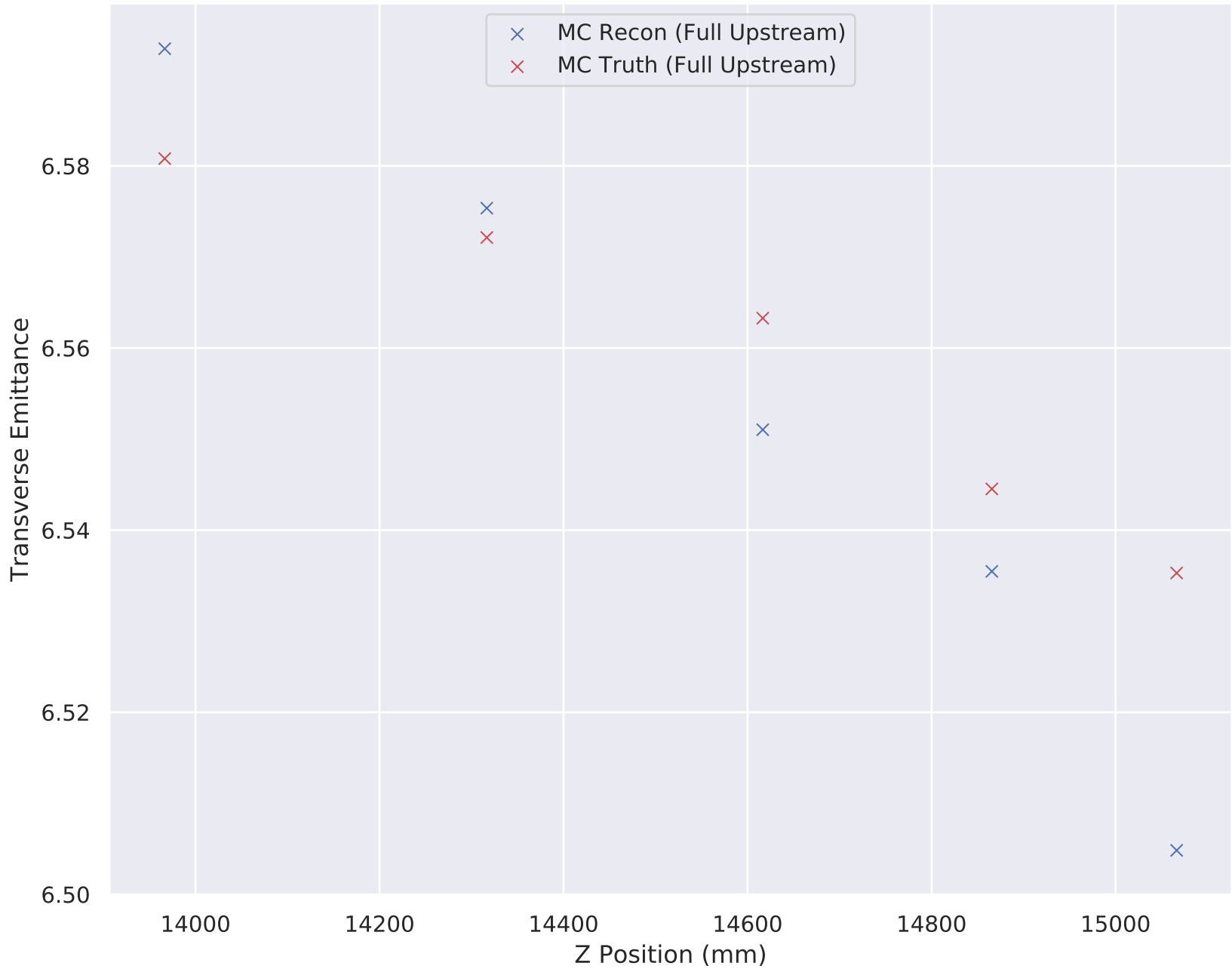


6-140 No Absorber Solenoid Transverse Emittance (Downstream cut)

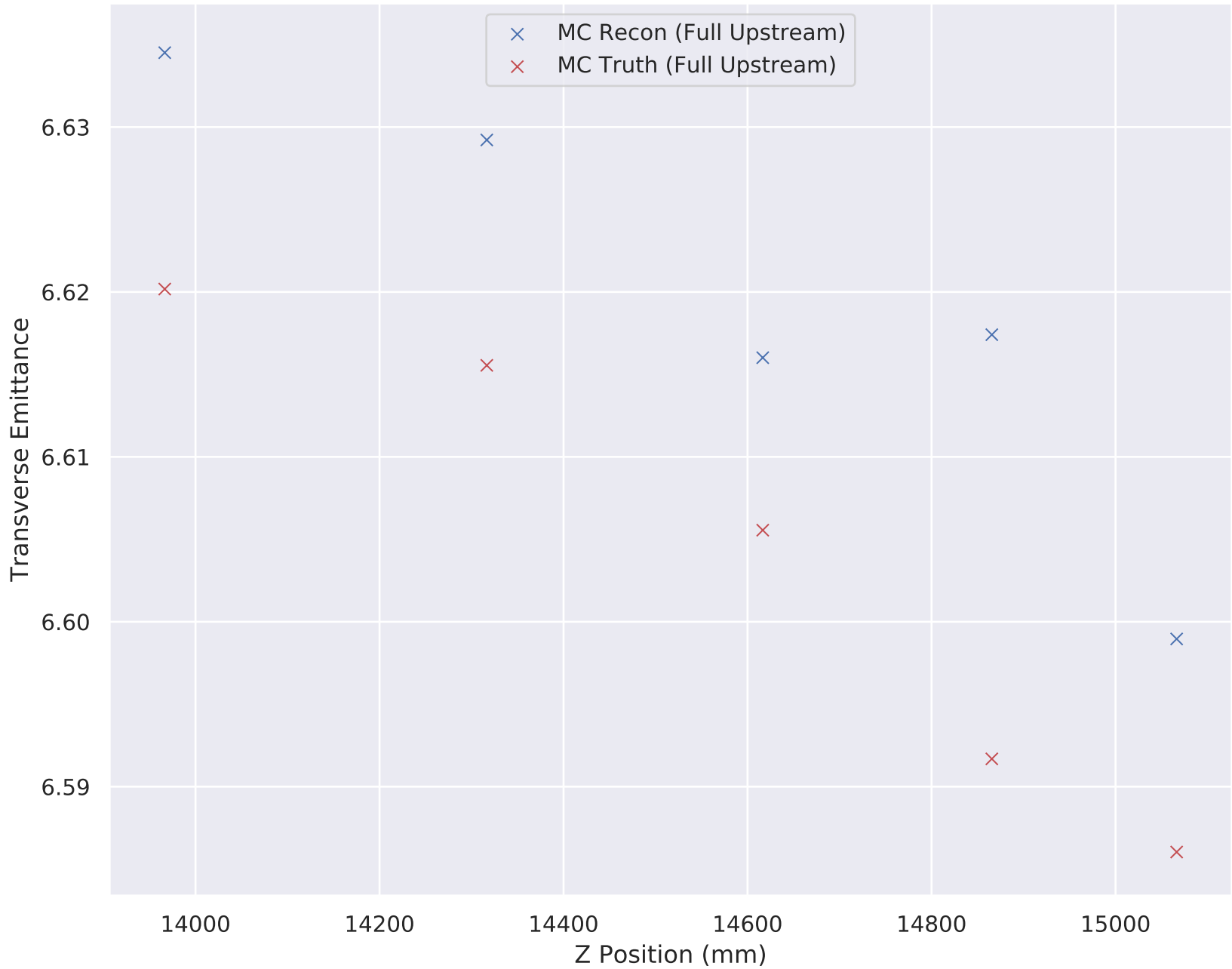




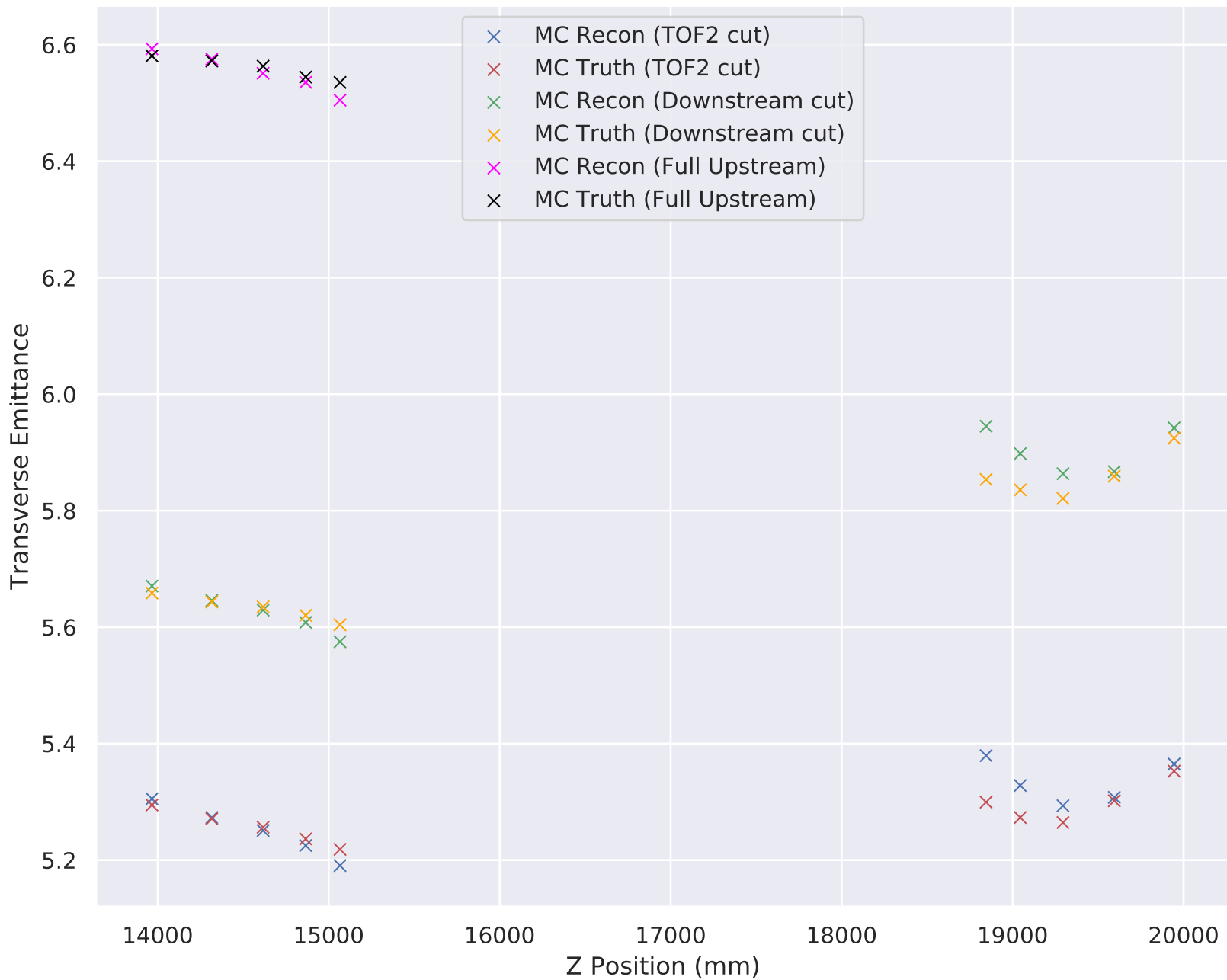
6-140 No Absorber Flip Transverse Emittance (Full Upstream)



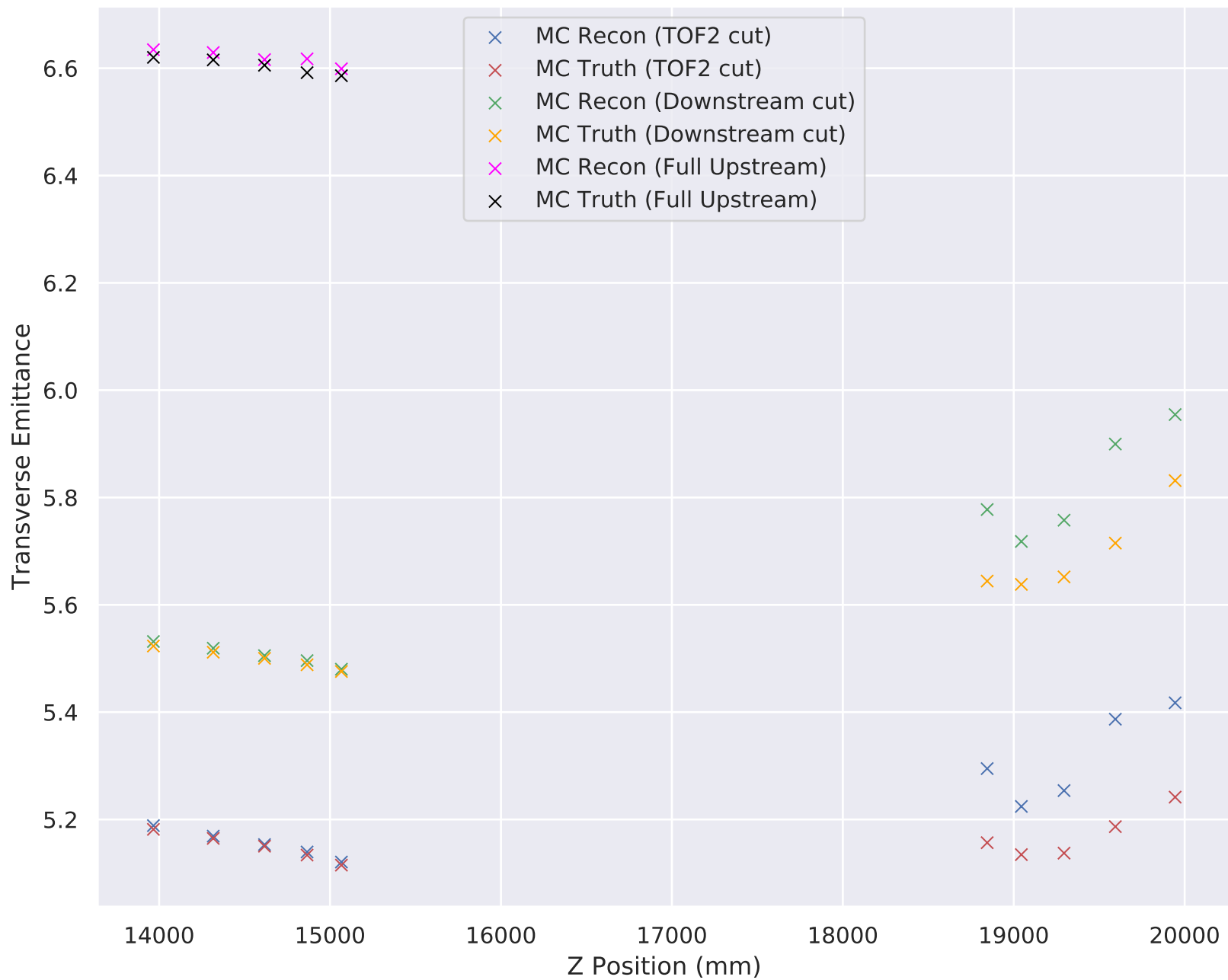
6-140 No Absorber Solenoid Transverse Emittance (Full Upstream)



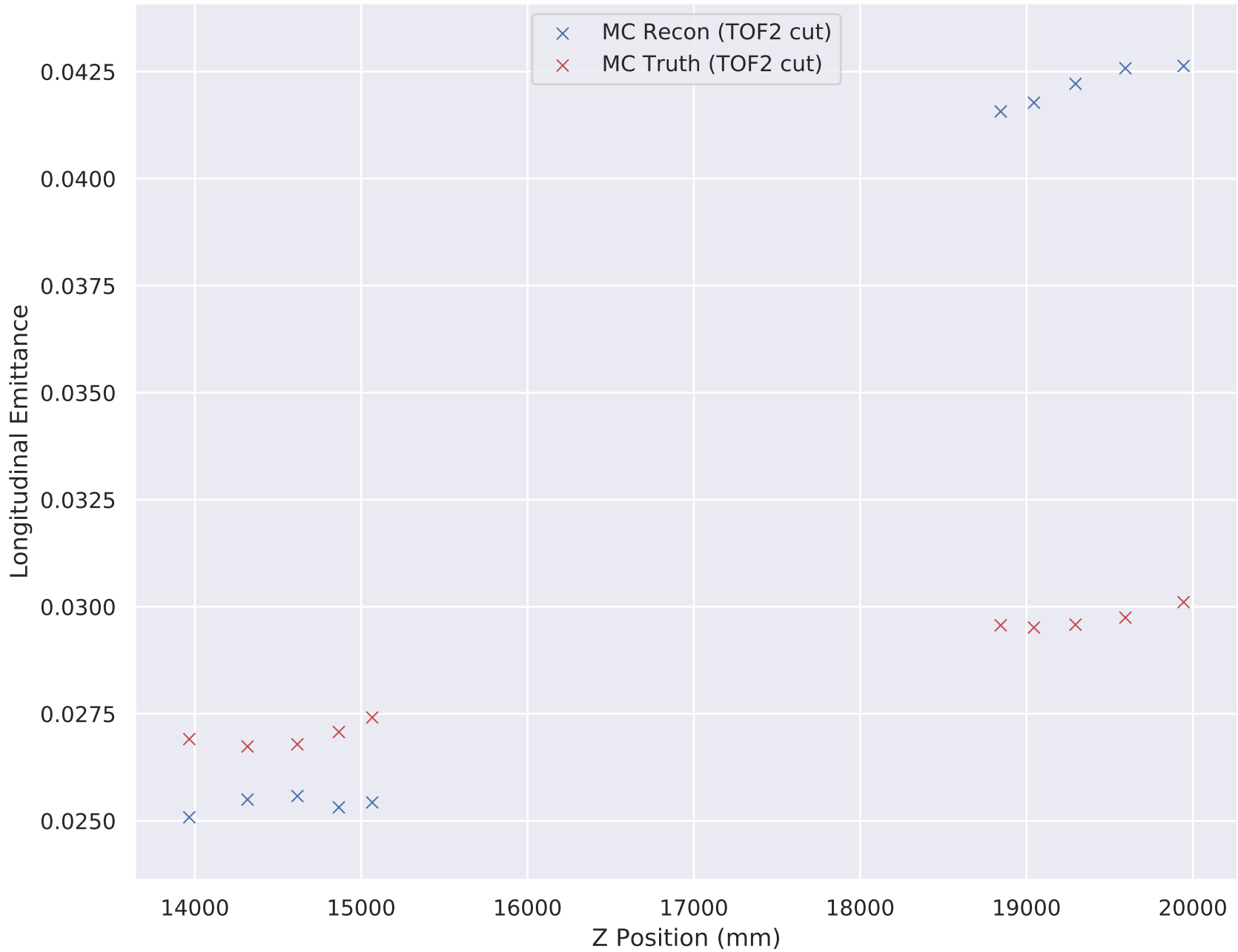
6-140 No Absorber Flip Transverse Emittance



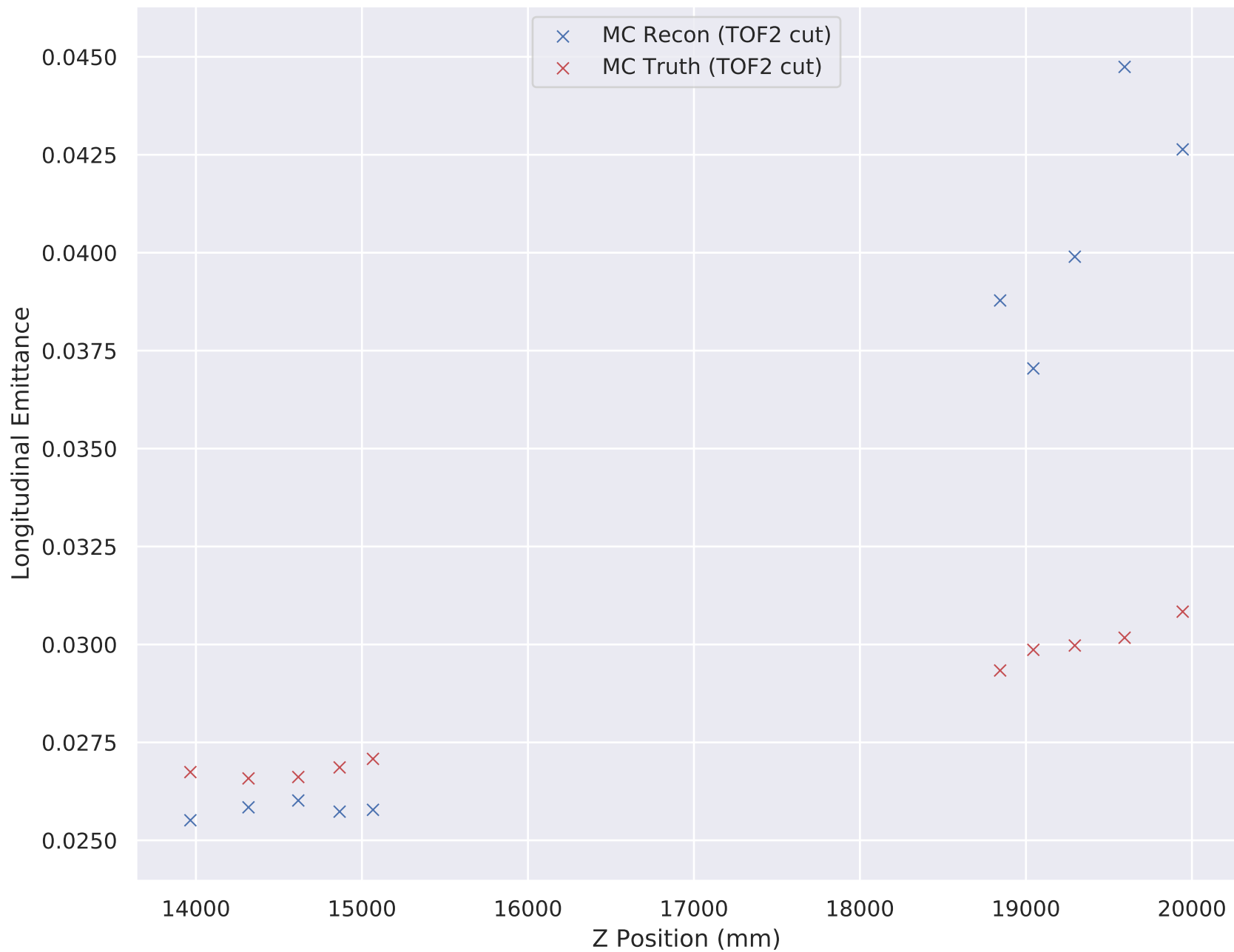
6-140 No Absorber Solenoid Transverse Emittance



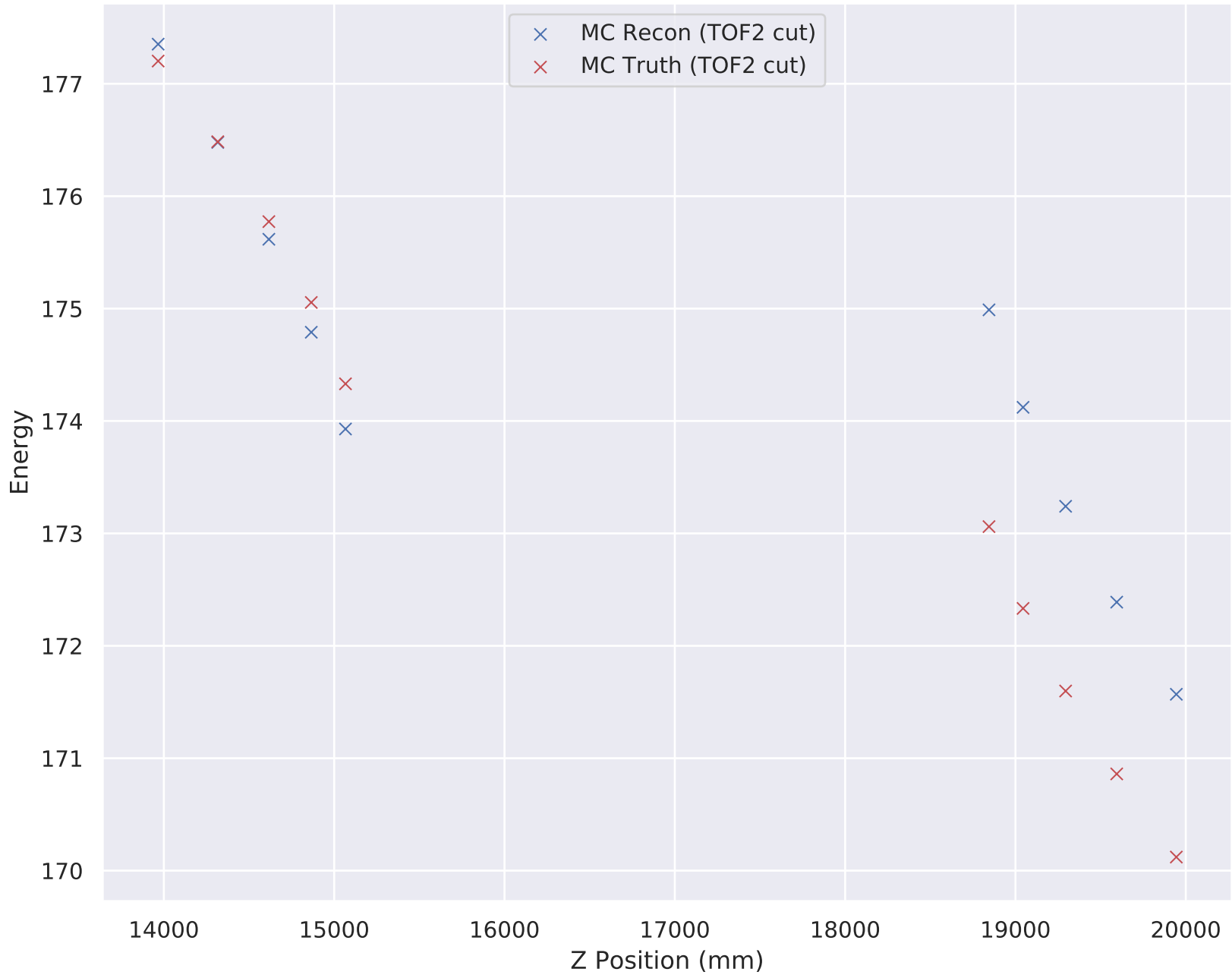
6-140 No Absorber Flip Longitudinal Emittance (TOF2 cut)



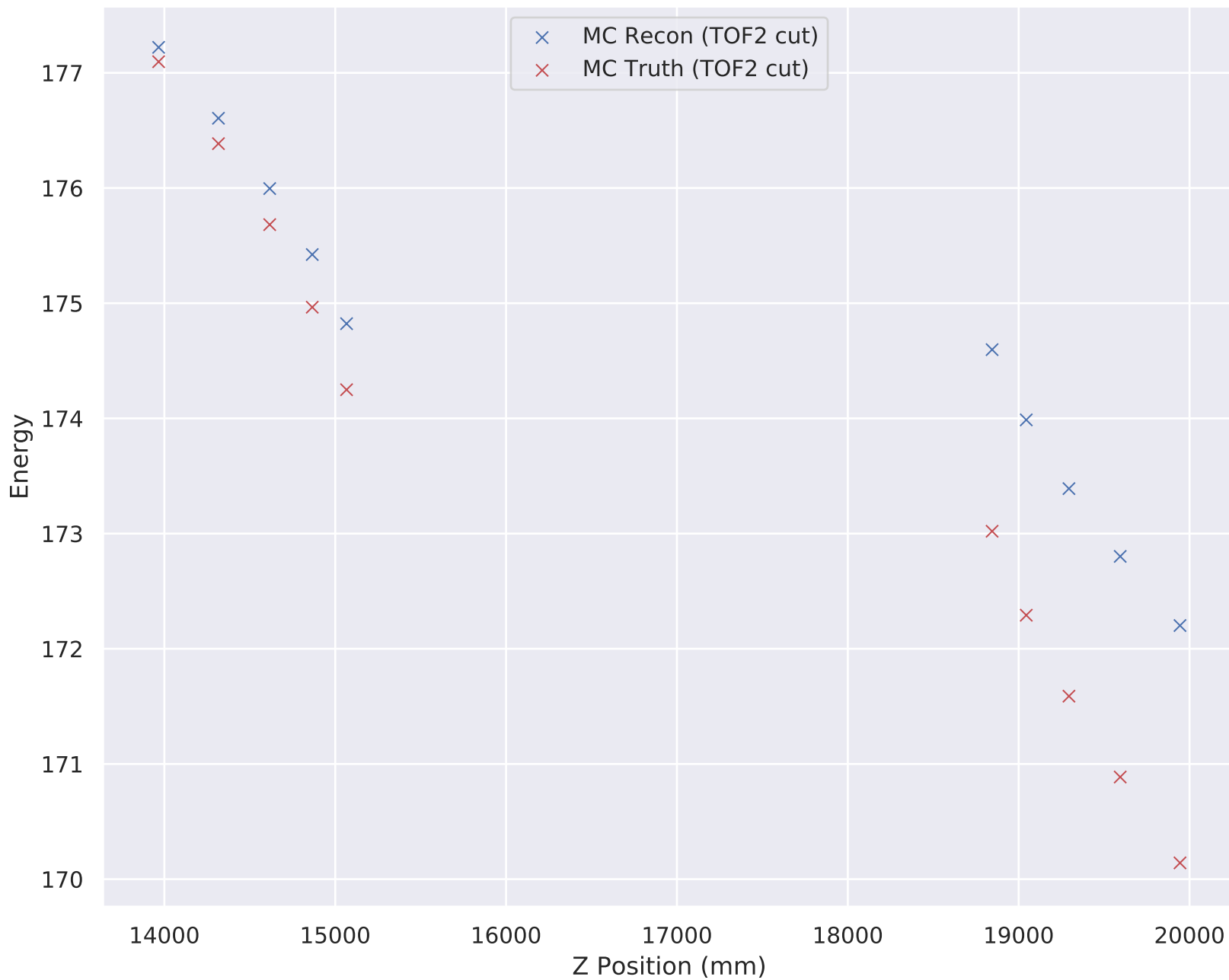
6-140 No Absorber Solenoid Longitudinal Emittance (TOF2 cut)



6-140 No Absorber Flip Energy (TOF2 cut)

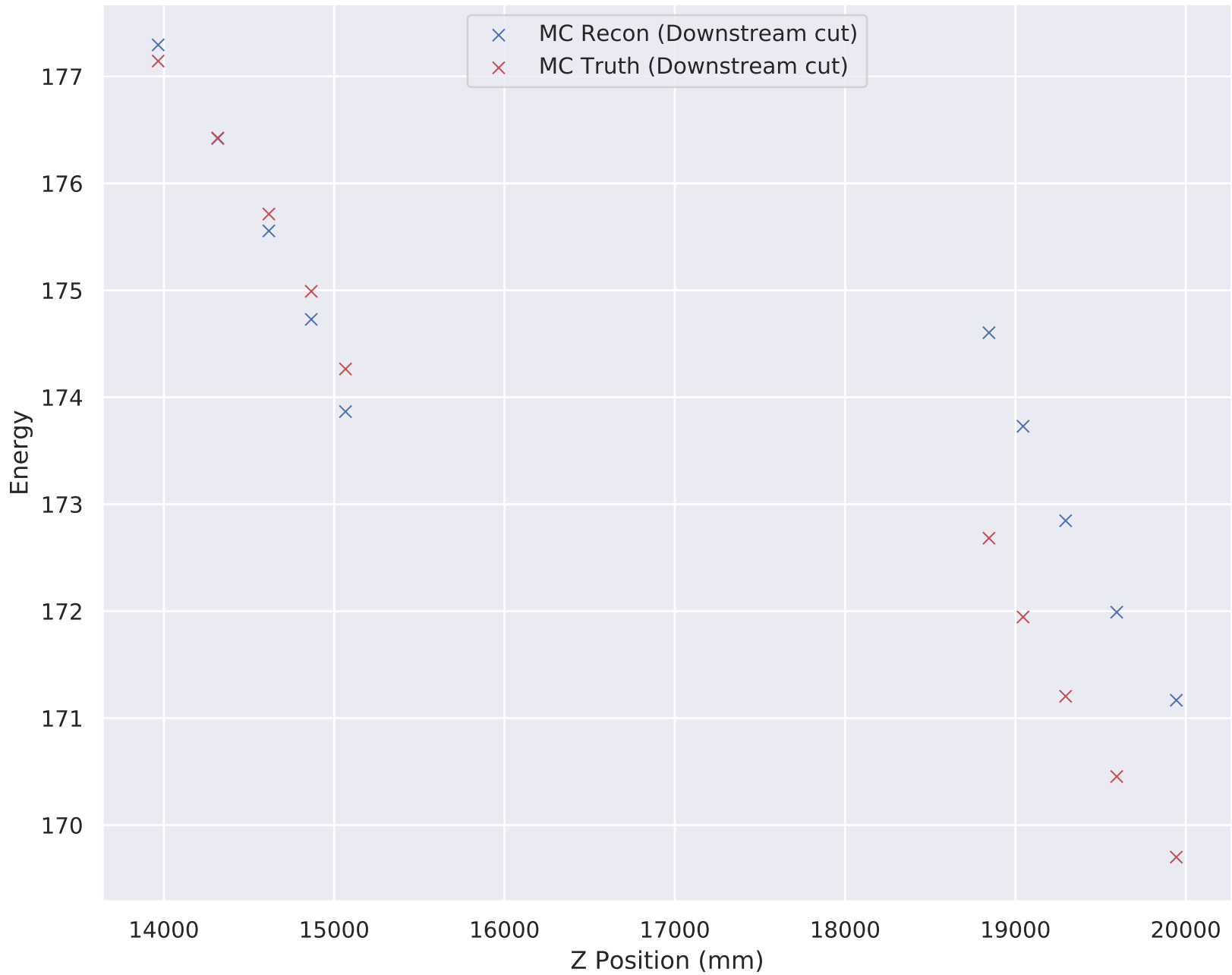


6-140 No Absorber Solenoid Energy (TOF2 cut)

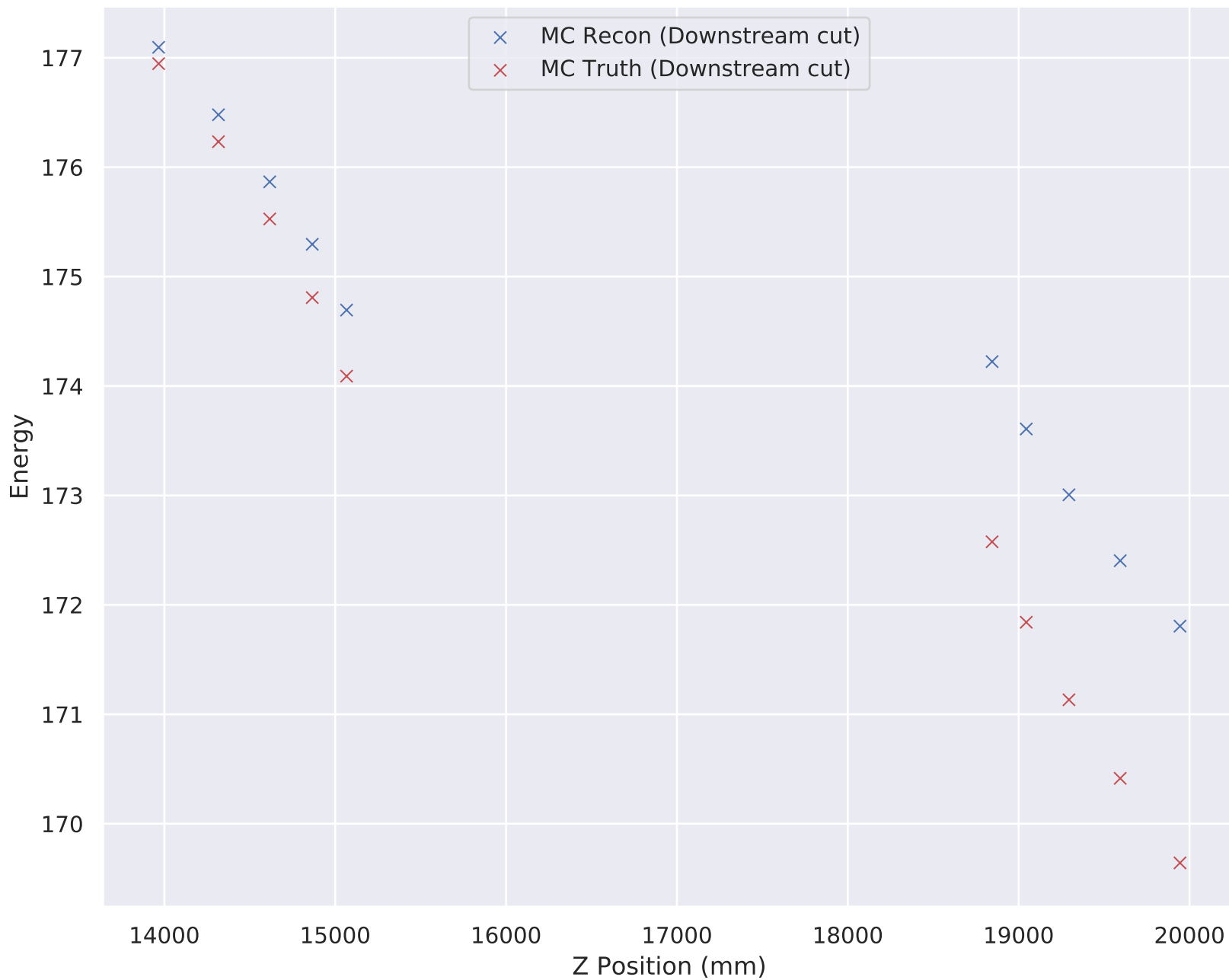




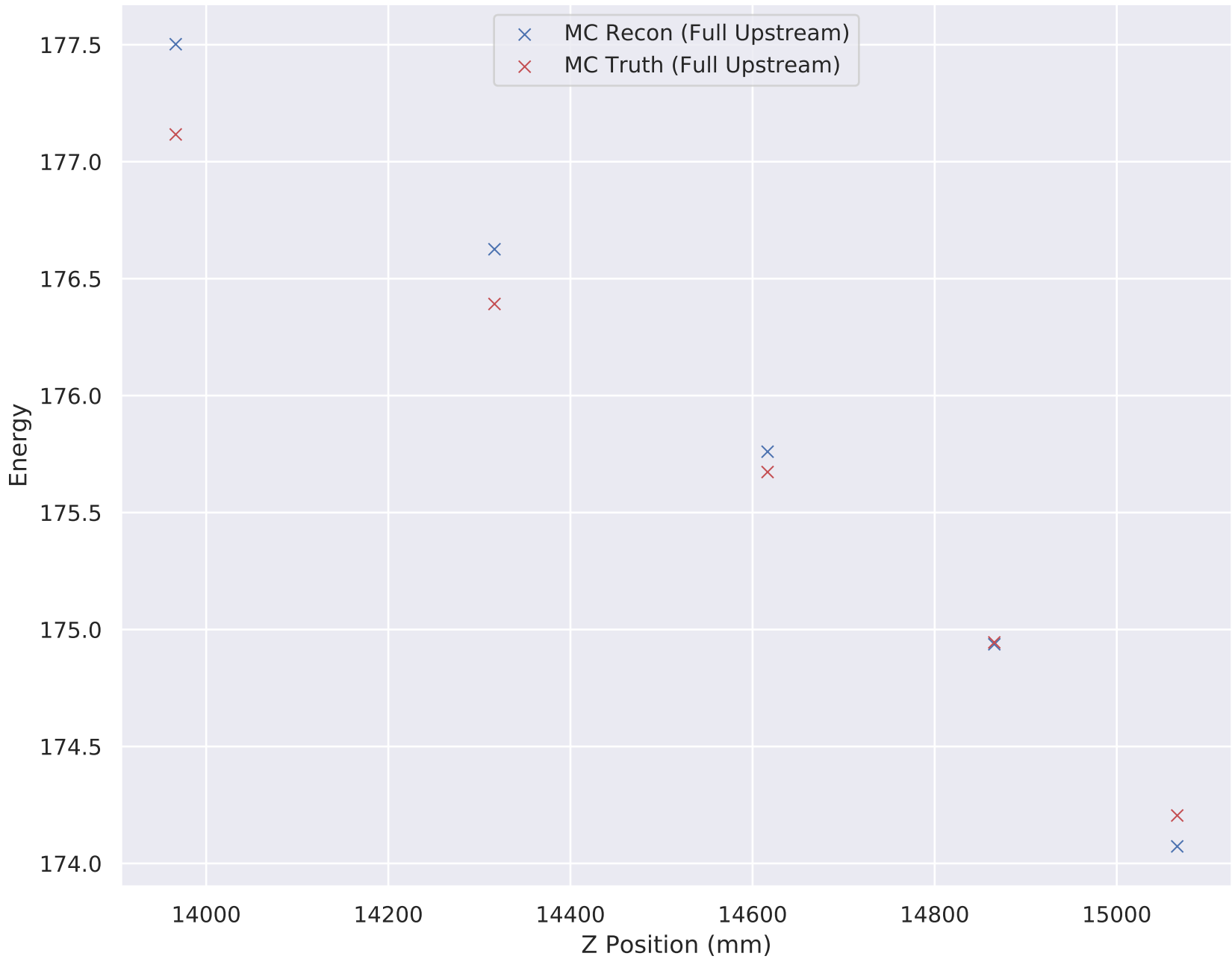
6-140 No Absorber Flip Energy (Downstream cut)



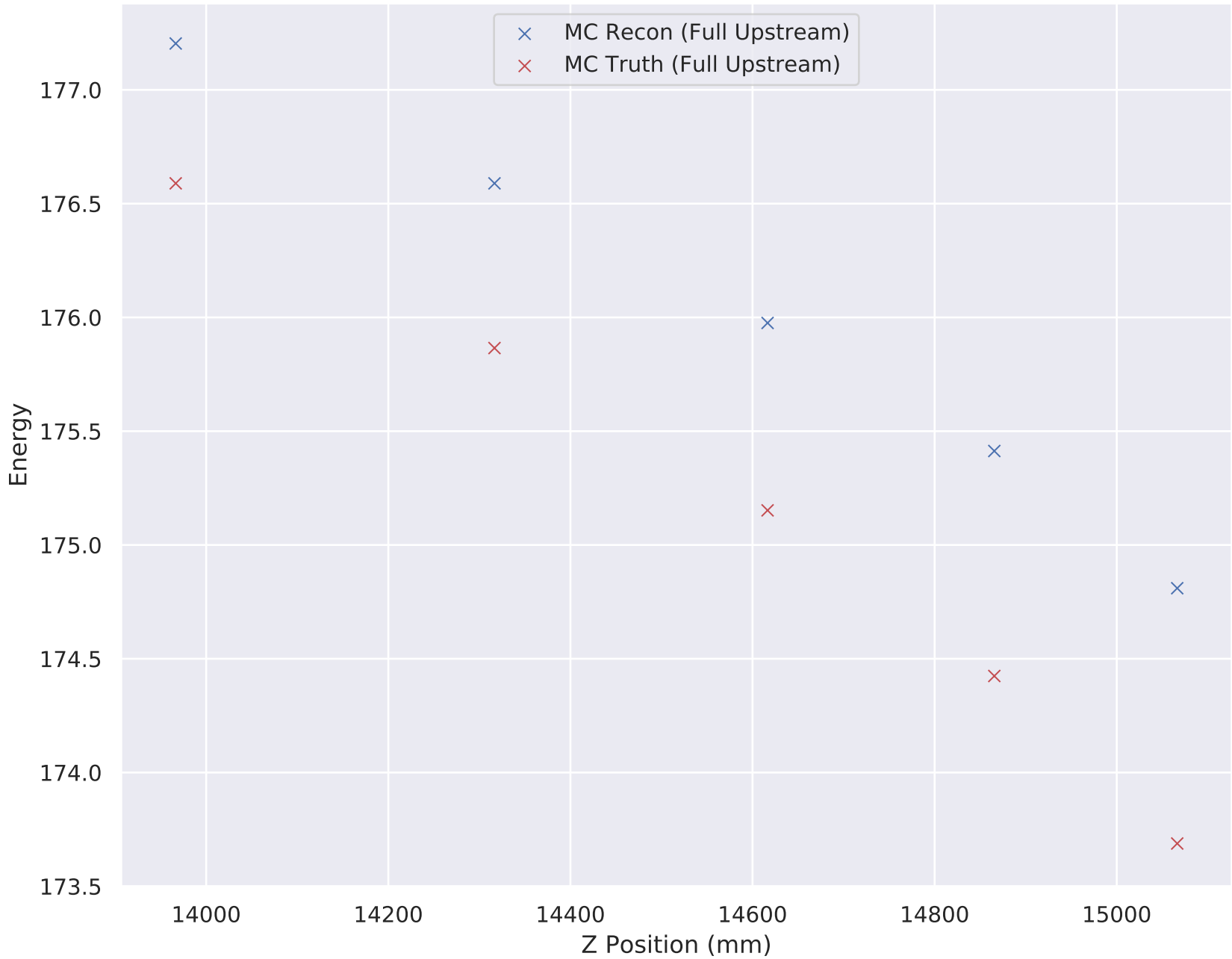
6-140 No Absorber Solenoid Energy (Downstream cut)



6-140 No Absorber Flip Energy (Full Upstream)



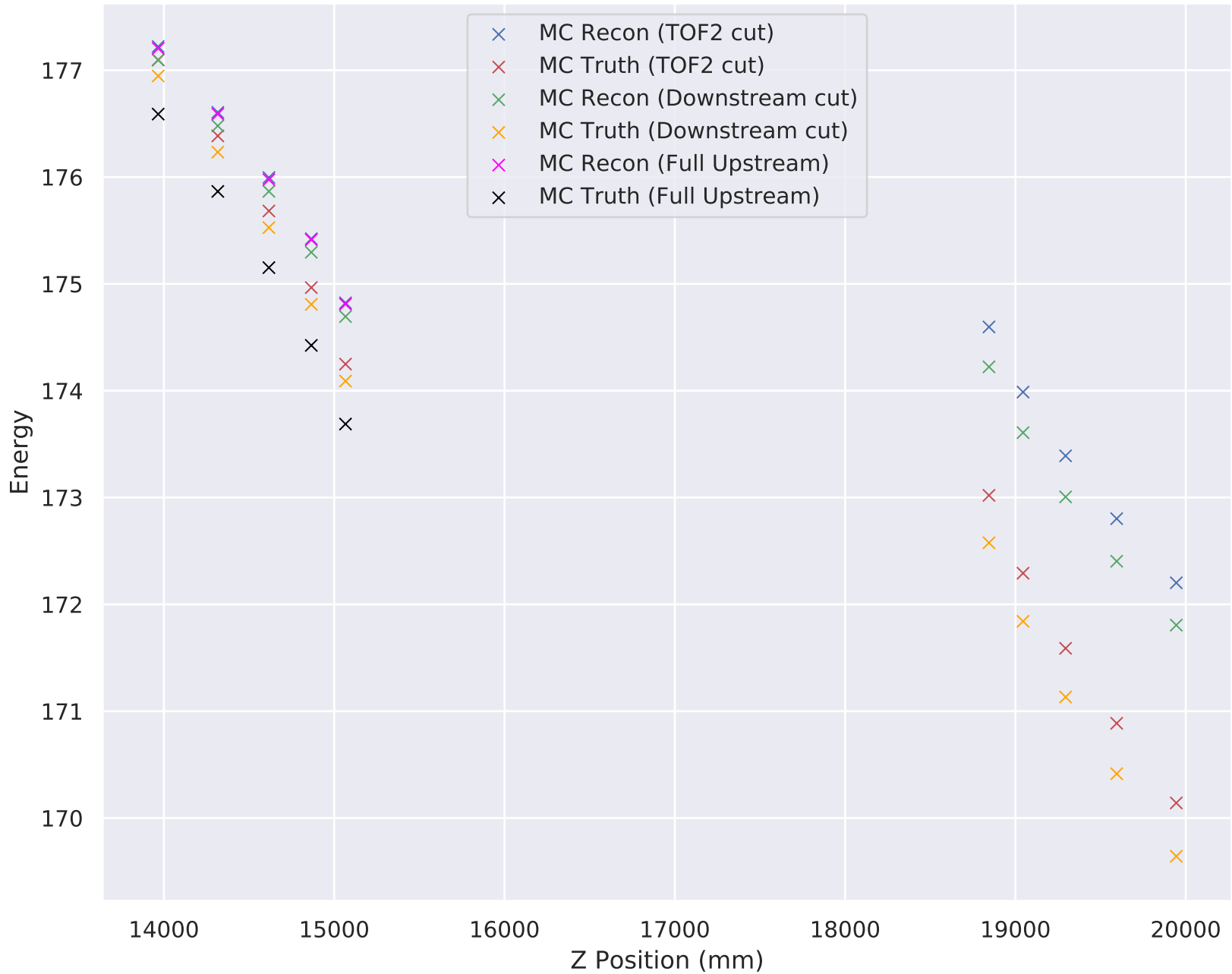
6-140 No Absorber Solenoid Energy (Full Upstream)



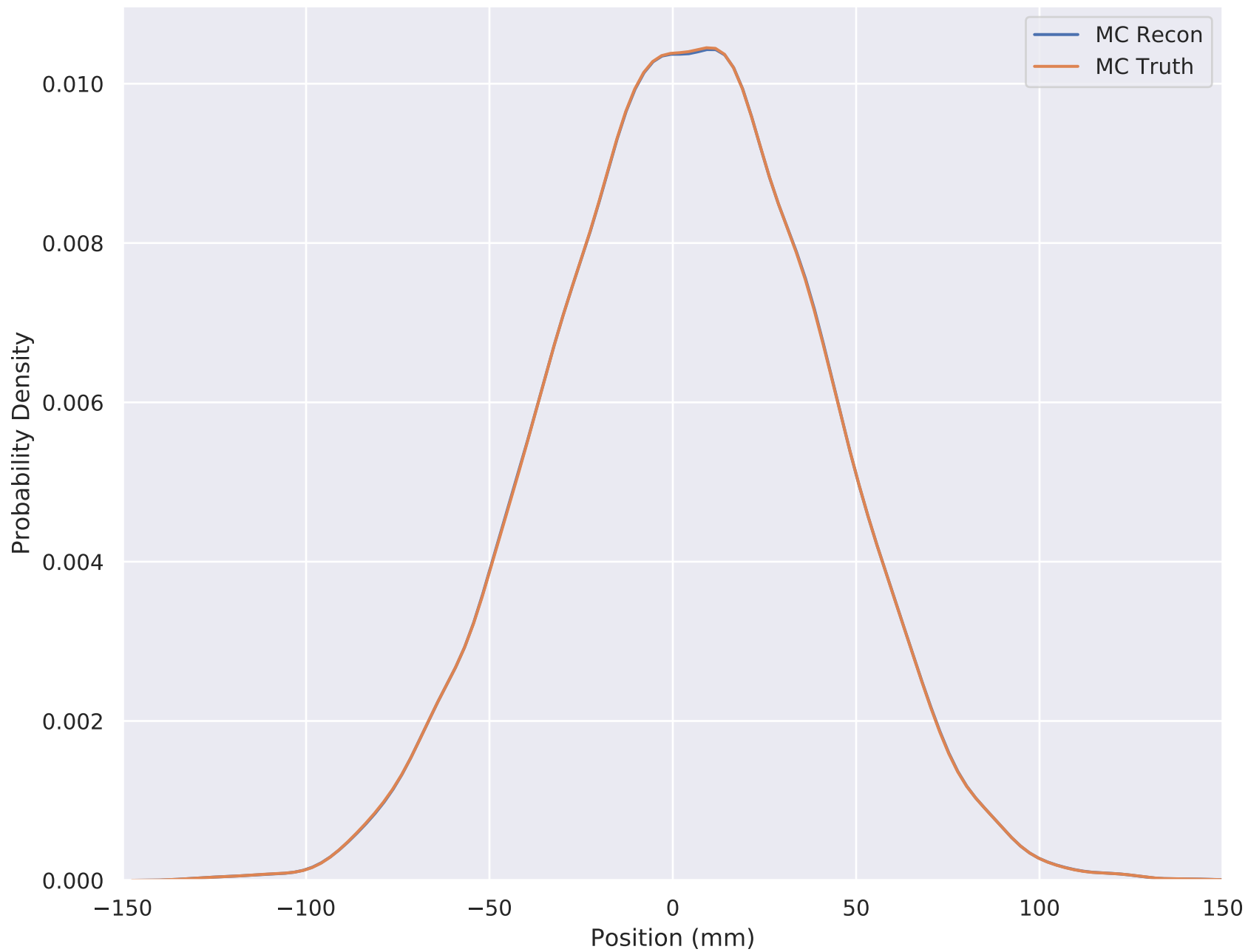
6-140 No Absorber Flip Energy



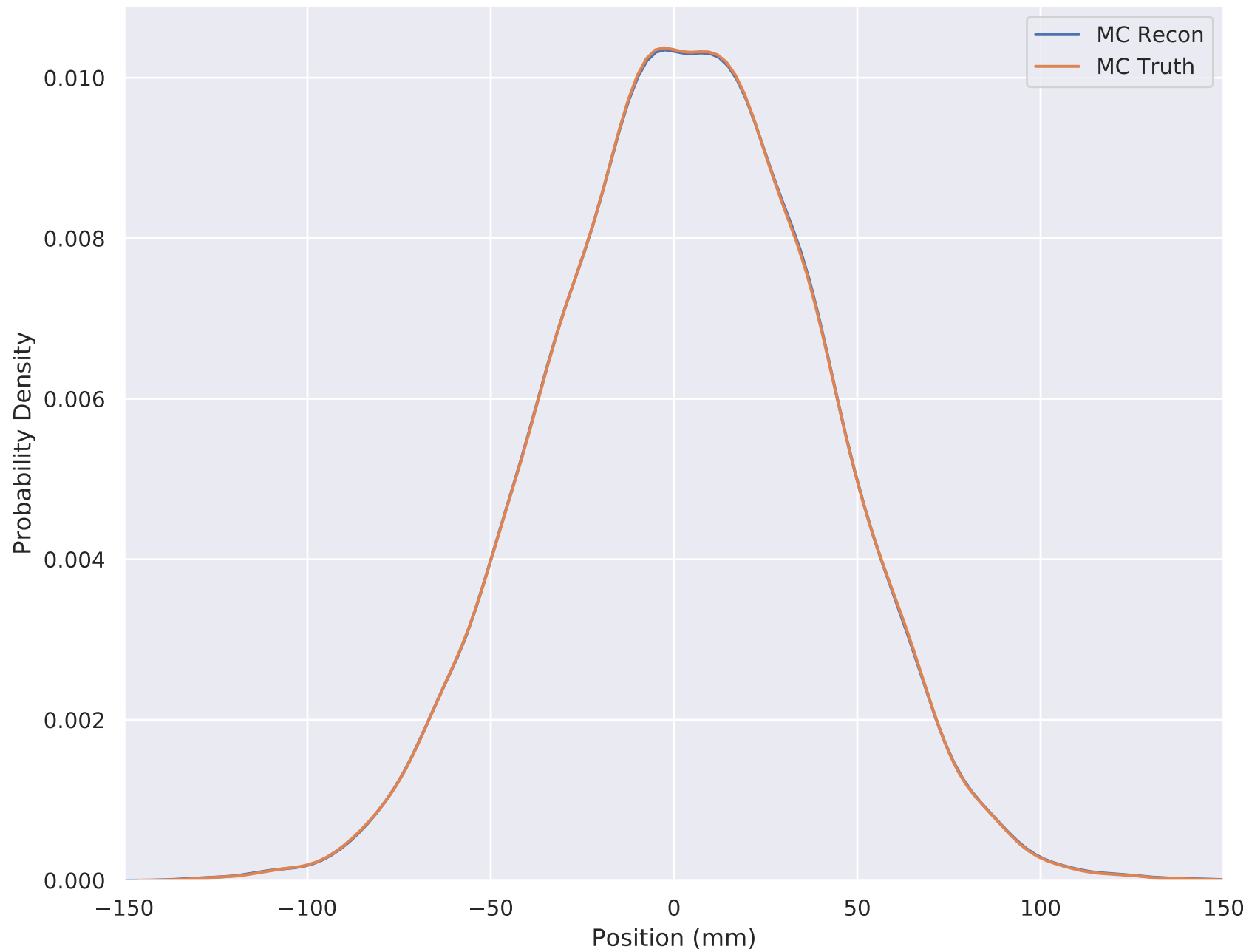
6-140 No Absorber Solenoid Energy



6-140 No Absorber Flip X Position (Full Upstream) TKU S5

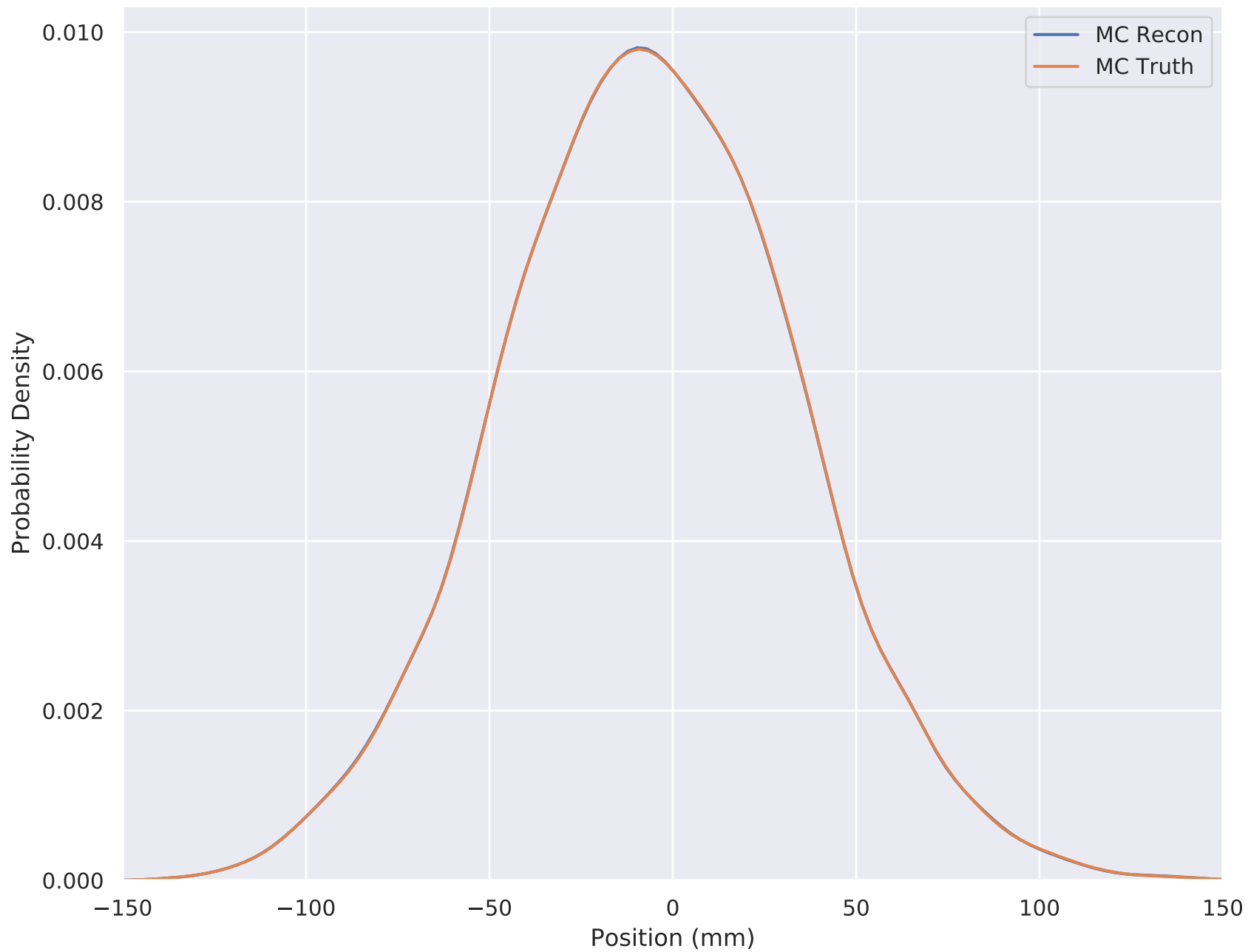


6-140 No Absorber Solenoid X Position (Full Upstream) TKU S5

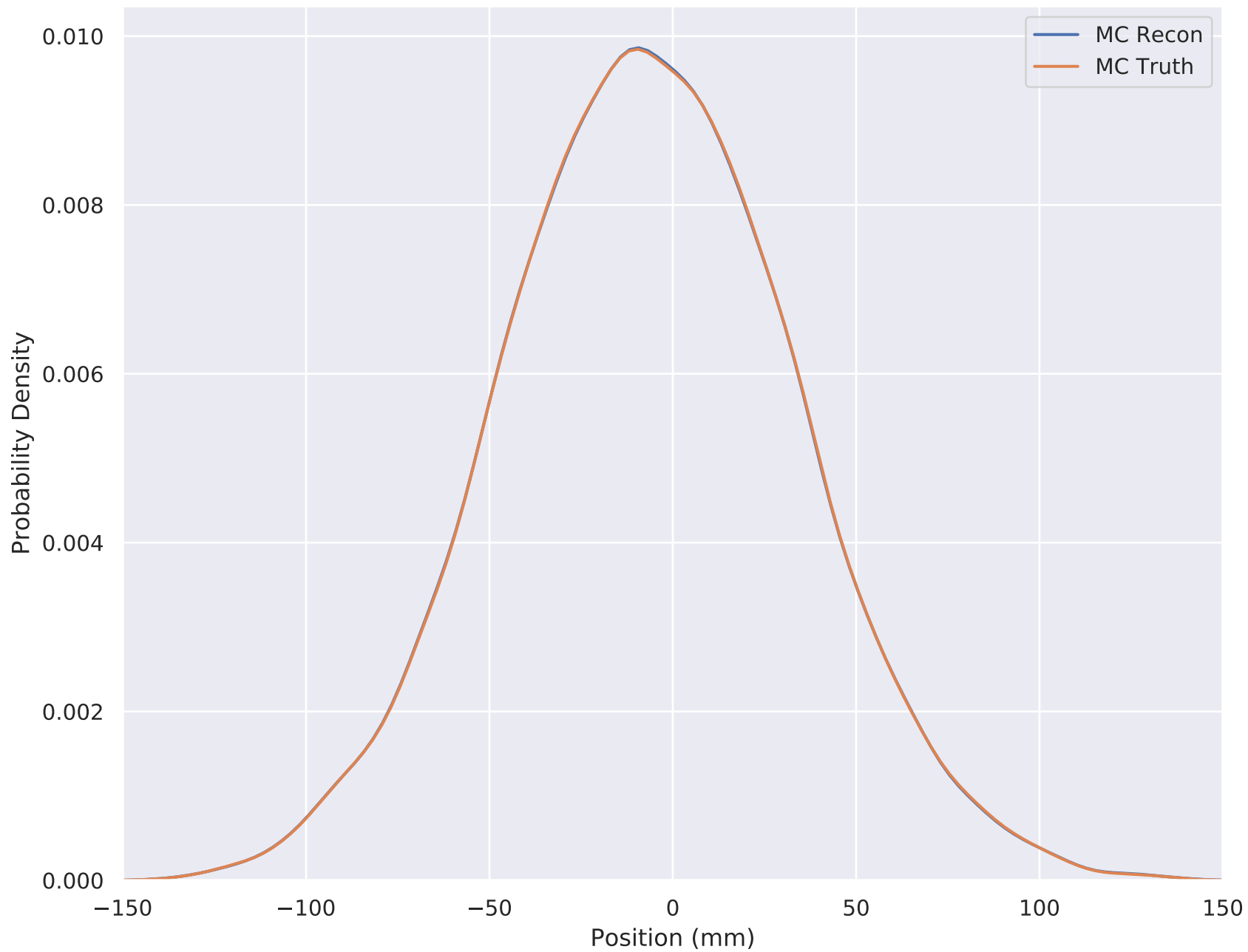




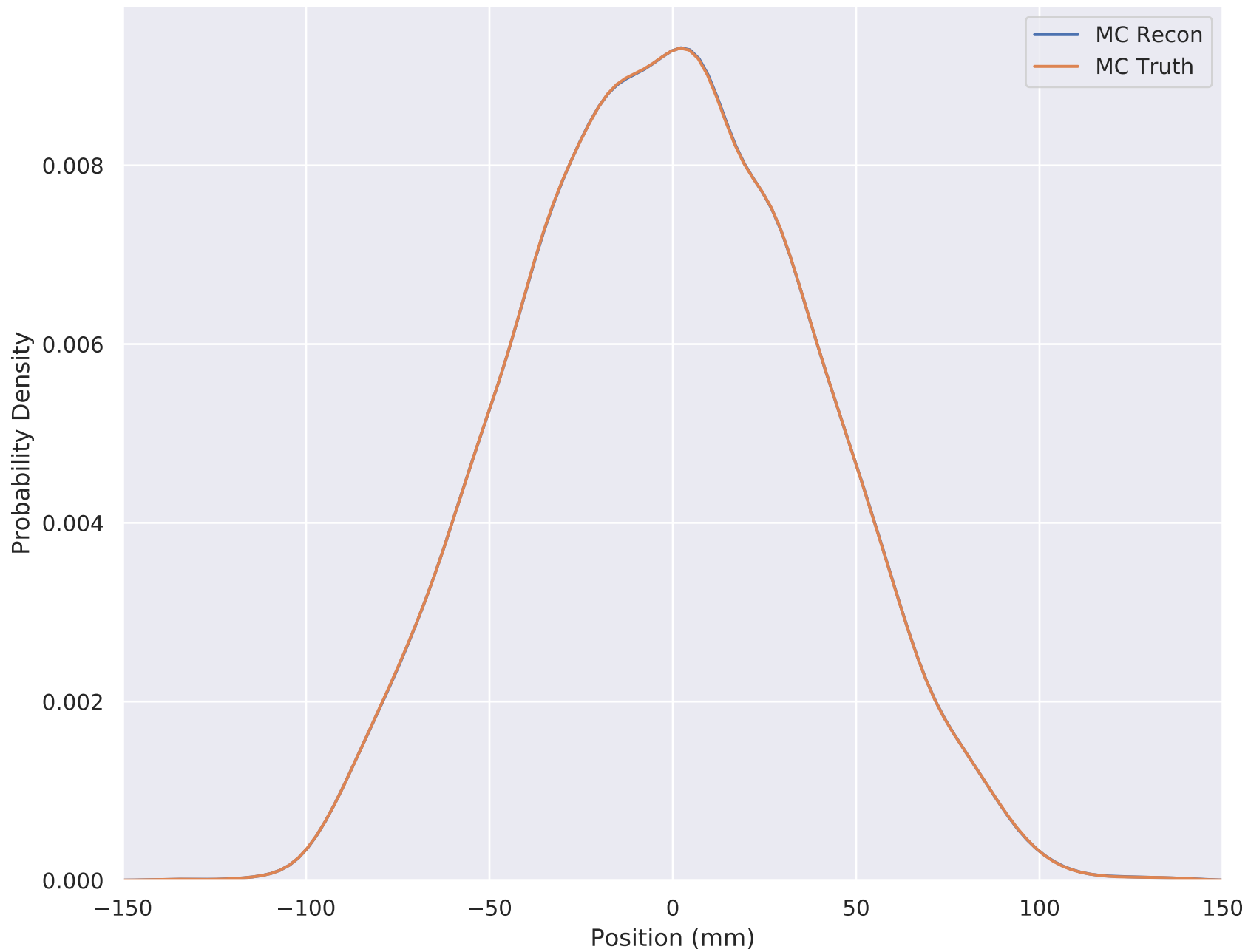
6-140 No Absorber Flip X Position (Full Upstream) TKU S4



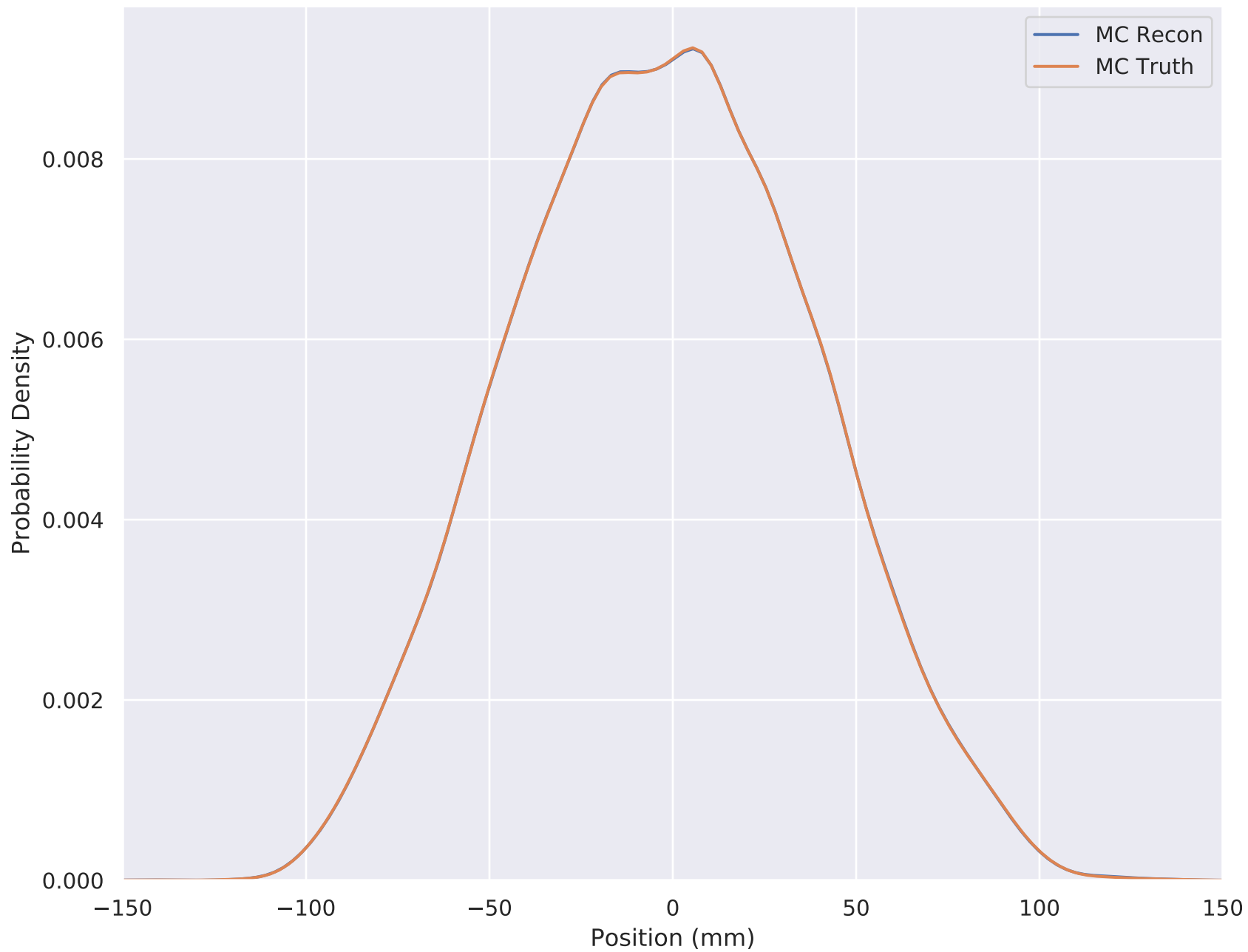
6-140 No Absorber Solenoid X Position (Full Upstream) TKU S4



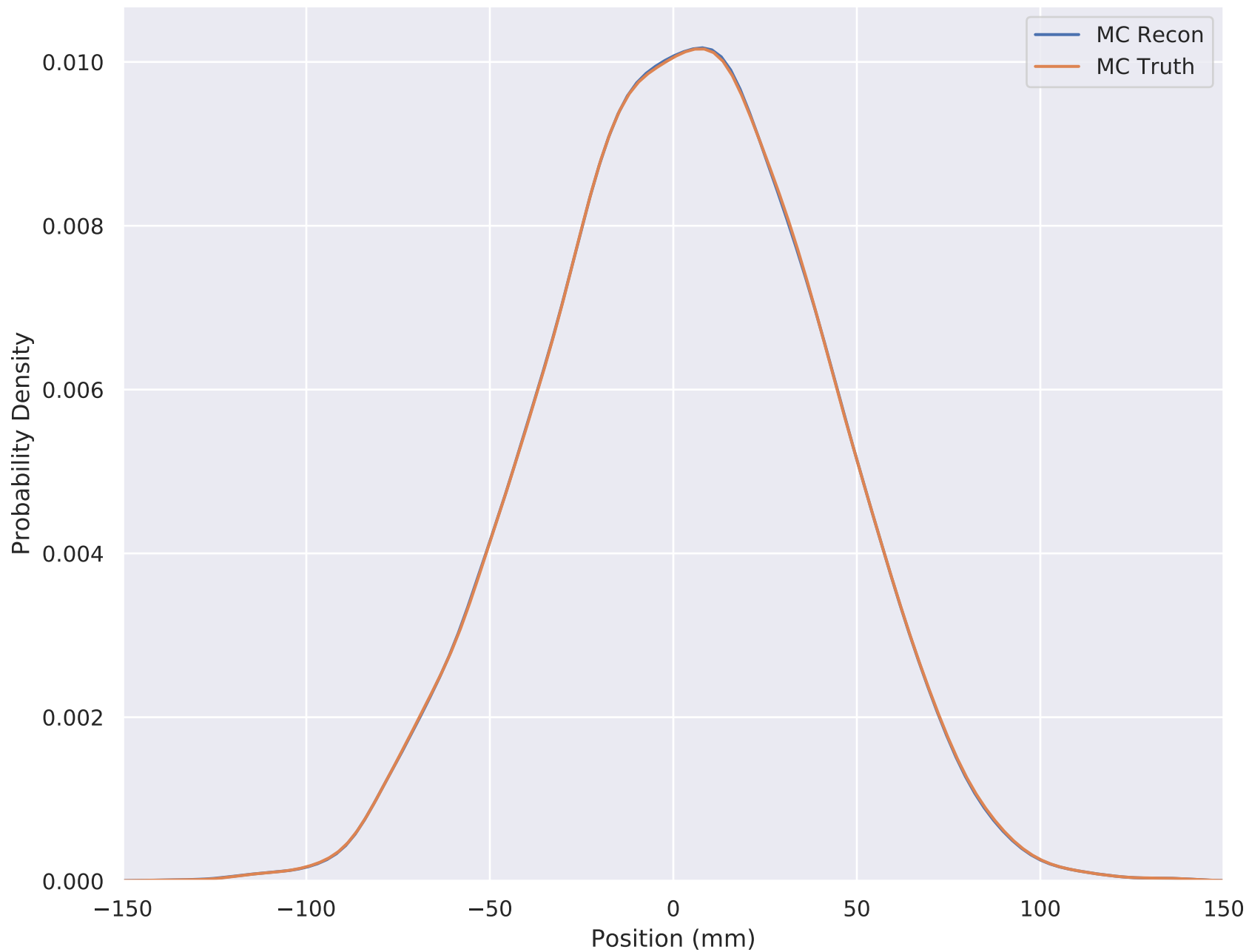
6-140 No Absorber Flip X Position (Full Upstream) TKU S3



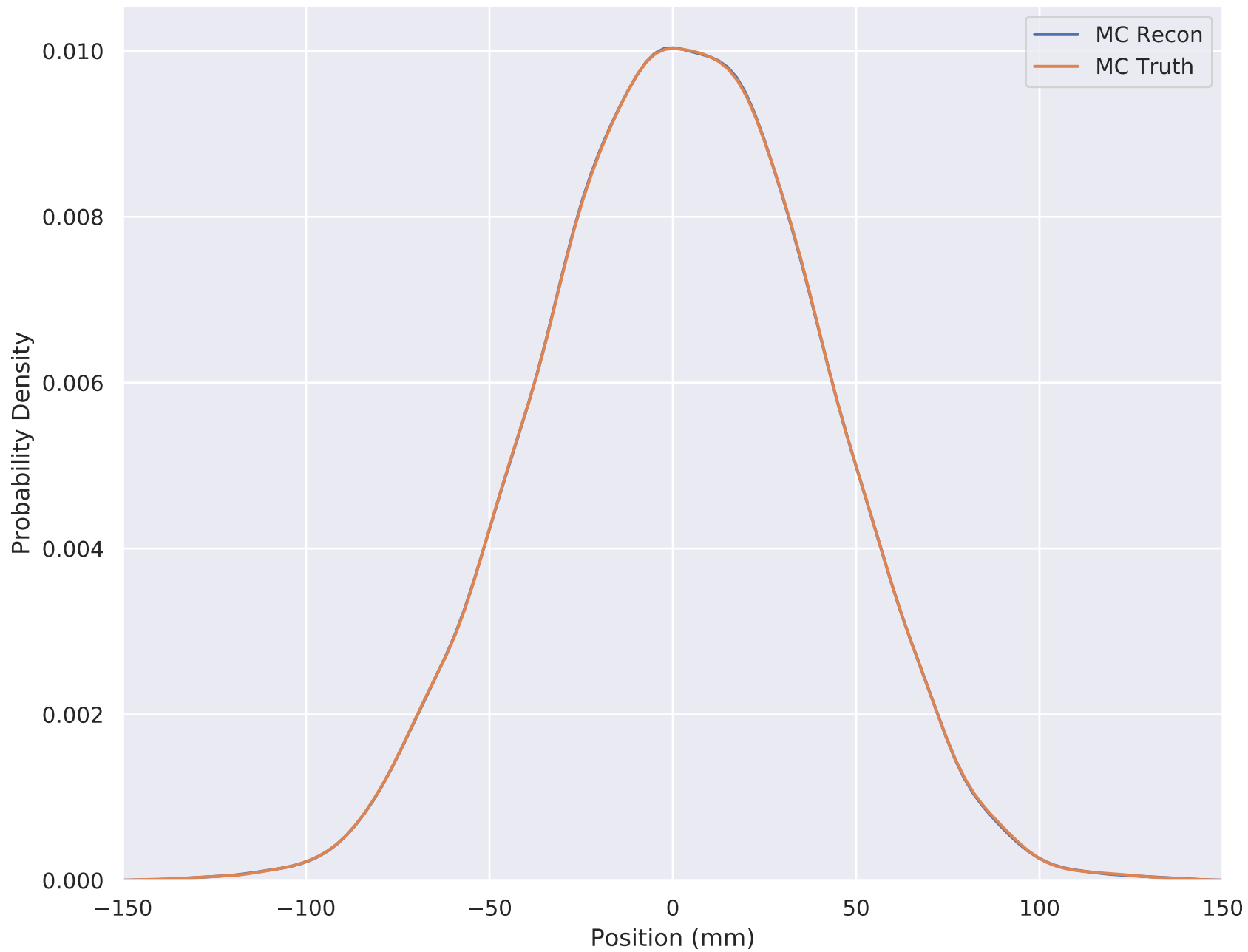
6-140 No Absorber Solenoid X Position (Full Upstream) TKU S3



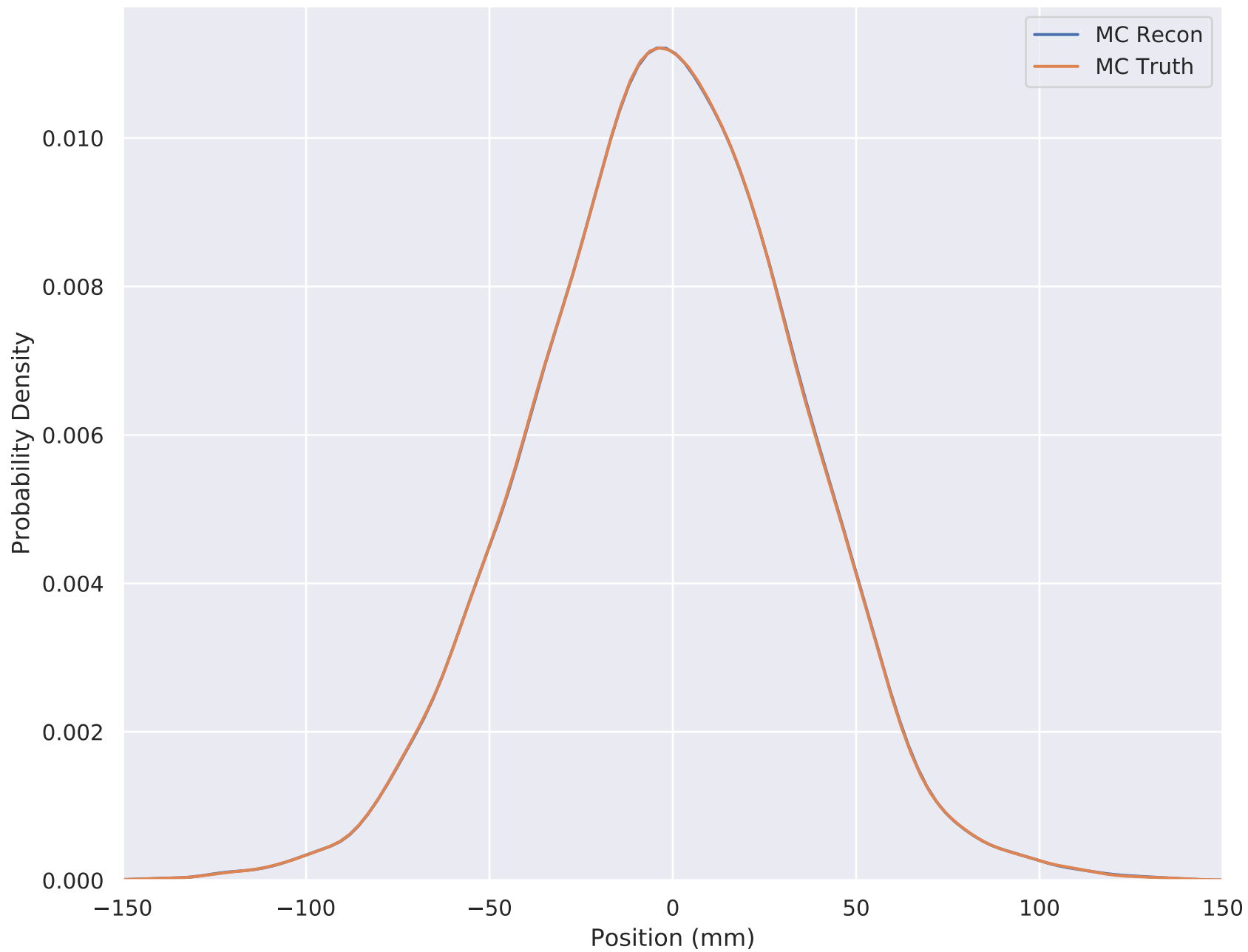
6-140 No Absorber Flip X Position (Full Upstream) TKU S2



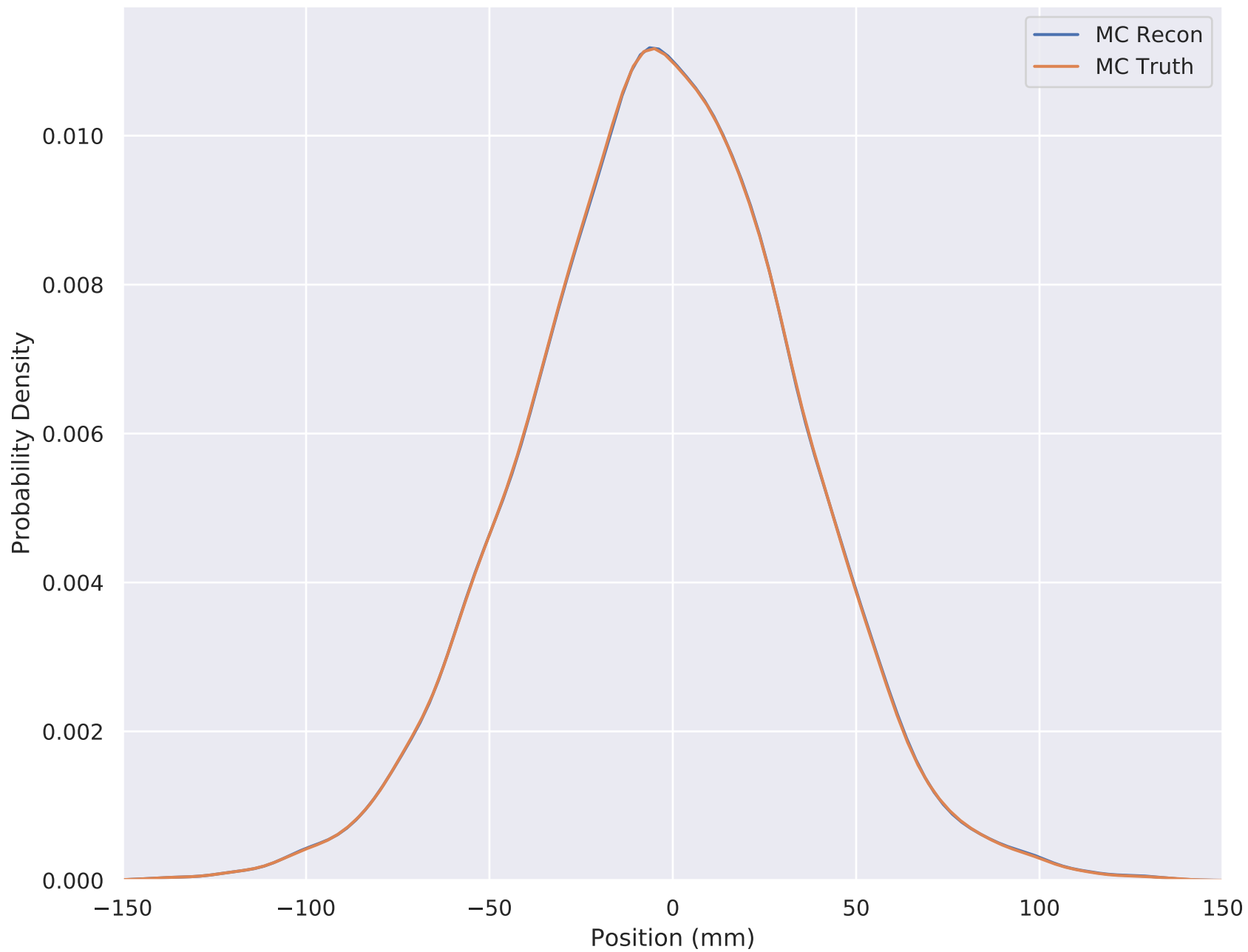
6-140 No Absorber Solenoid X Position (Full Upstream) TKU S2



6-140 No Absorber Flip X Position (Full Upstream) TKU S1

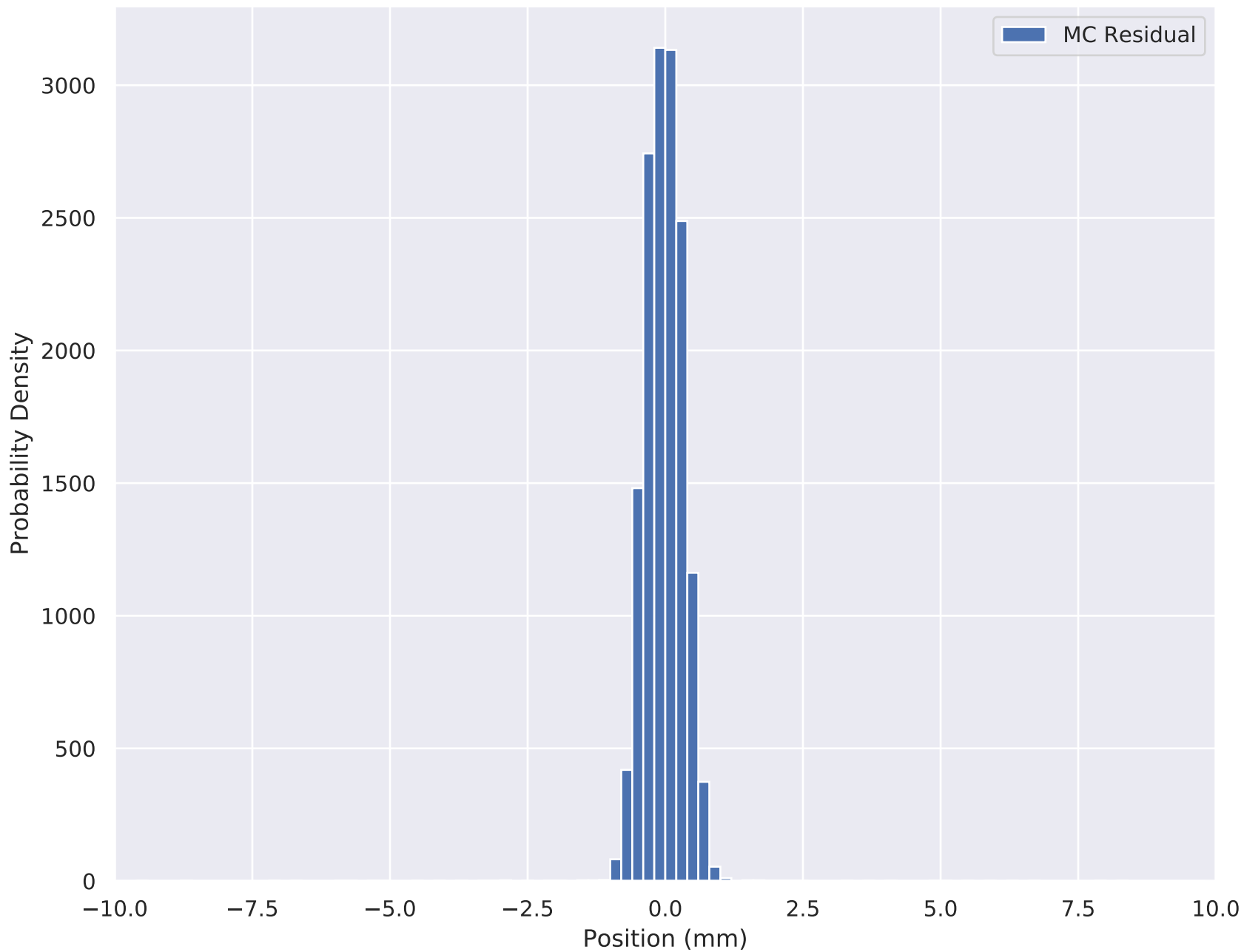


6-140 No Absorber Solenoid X Position (Full Upstream) TKU S1

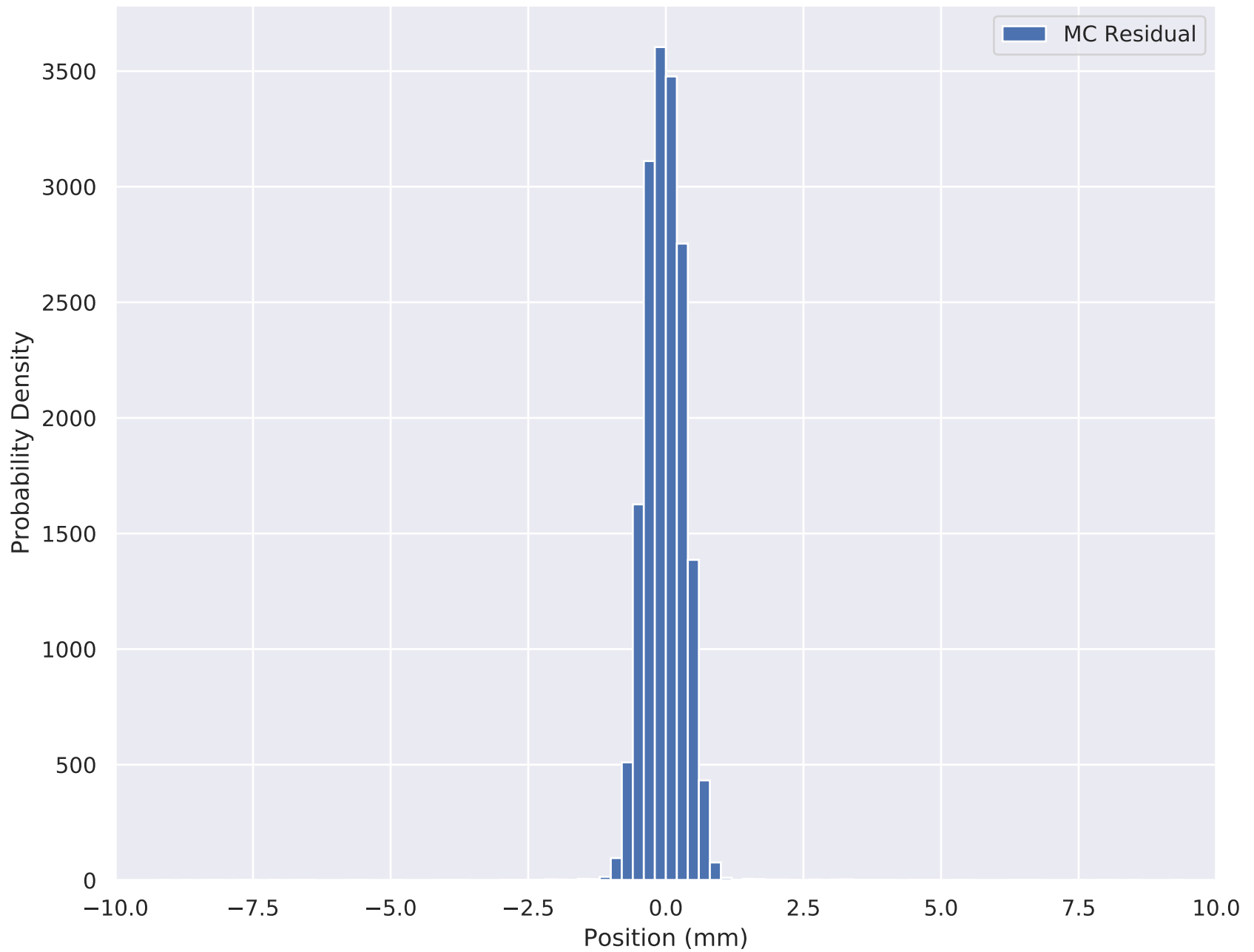




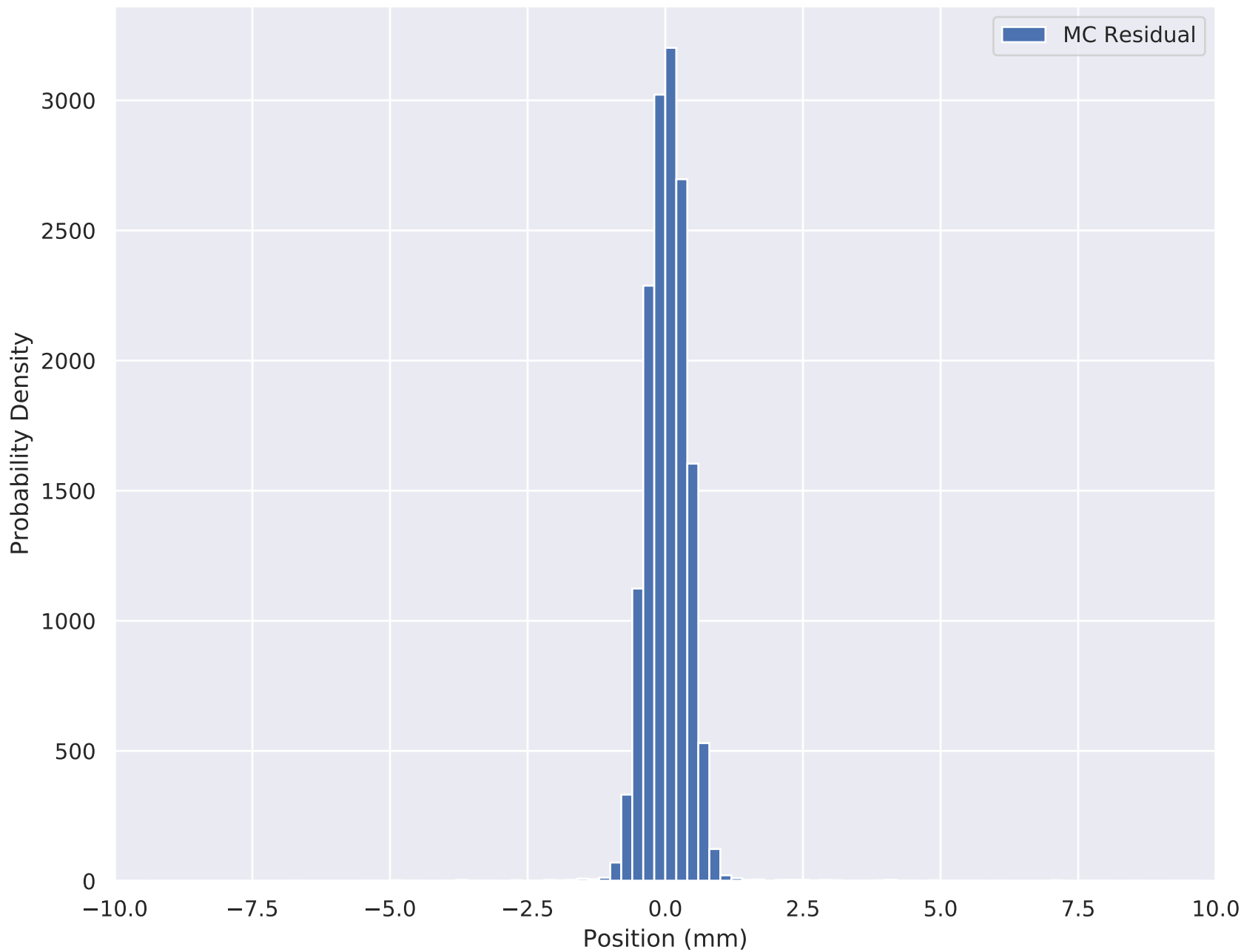
6-140 No Absorber Flip X Residual (Full Upstream) TKU S5



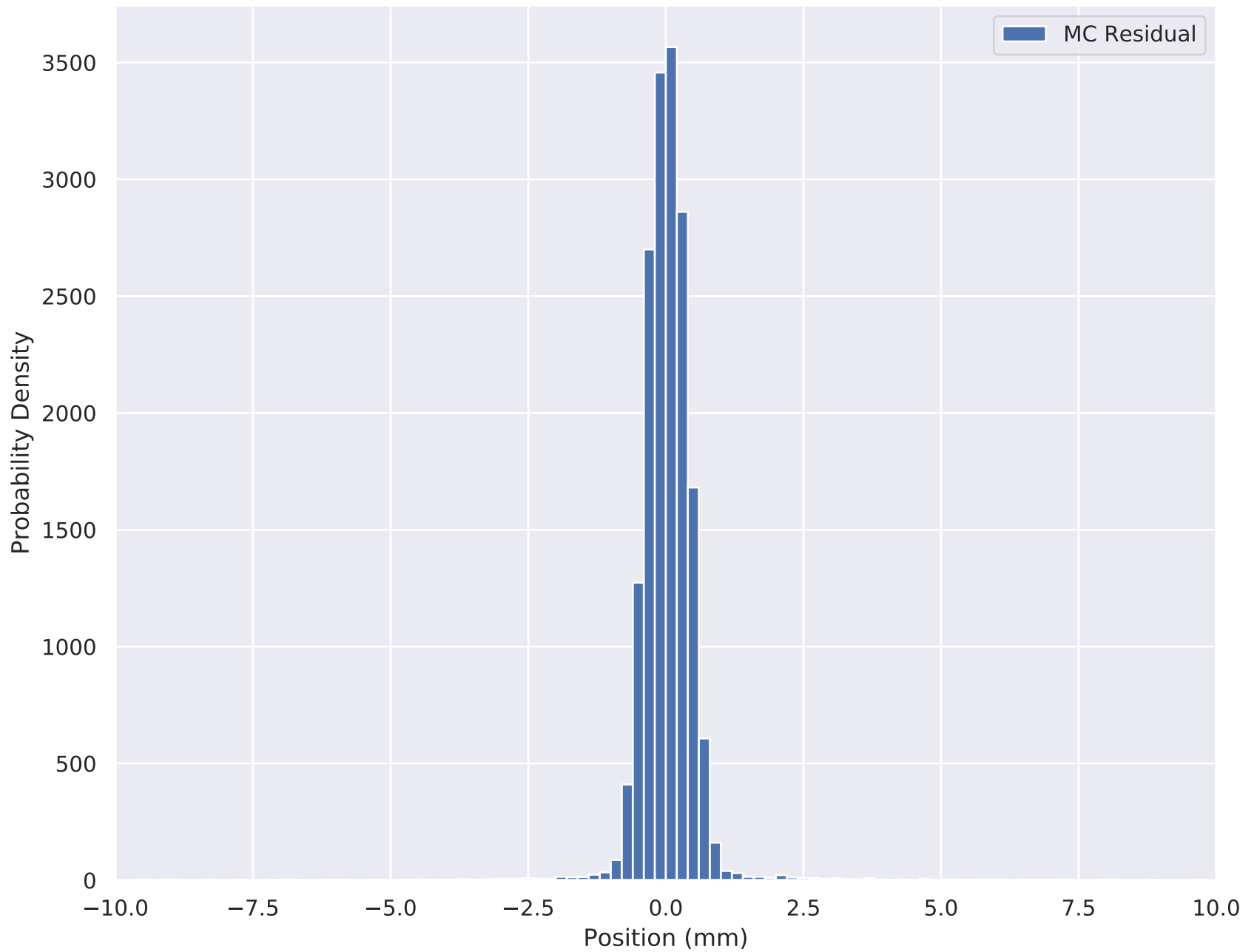
6-140 No Absorber Solenoid X Residual (Full Upstream) TKU S5



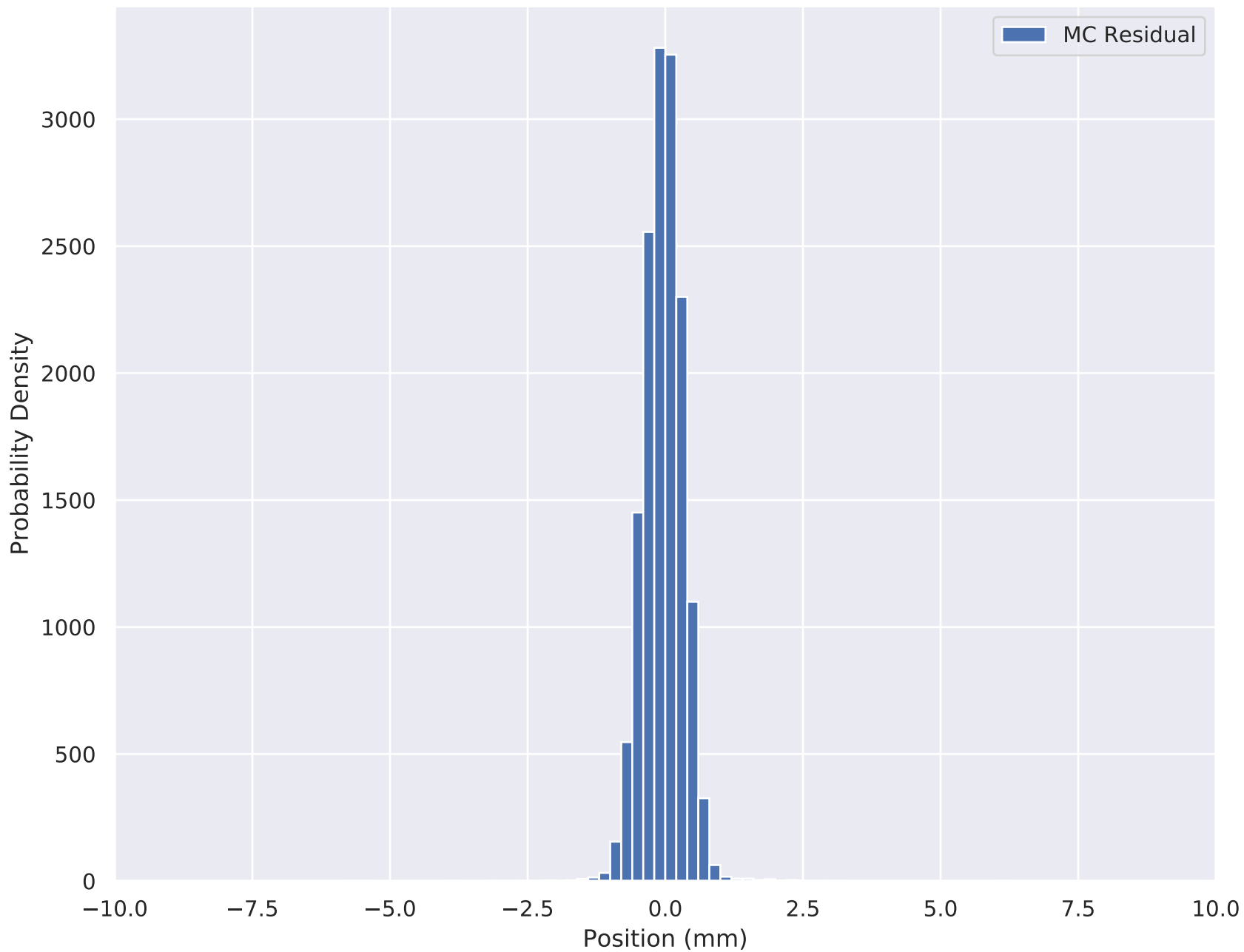
6-140 No Absorber Flip X Residual (Full Upstream) TKU S4



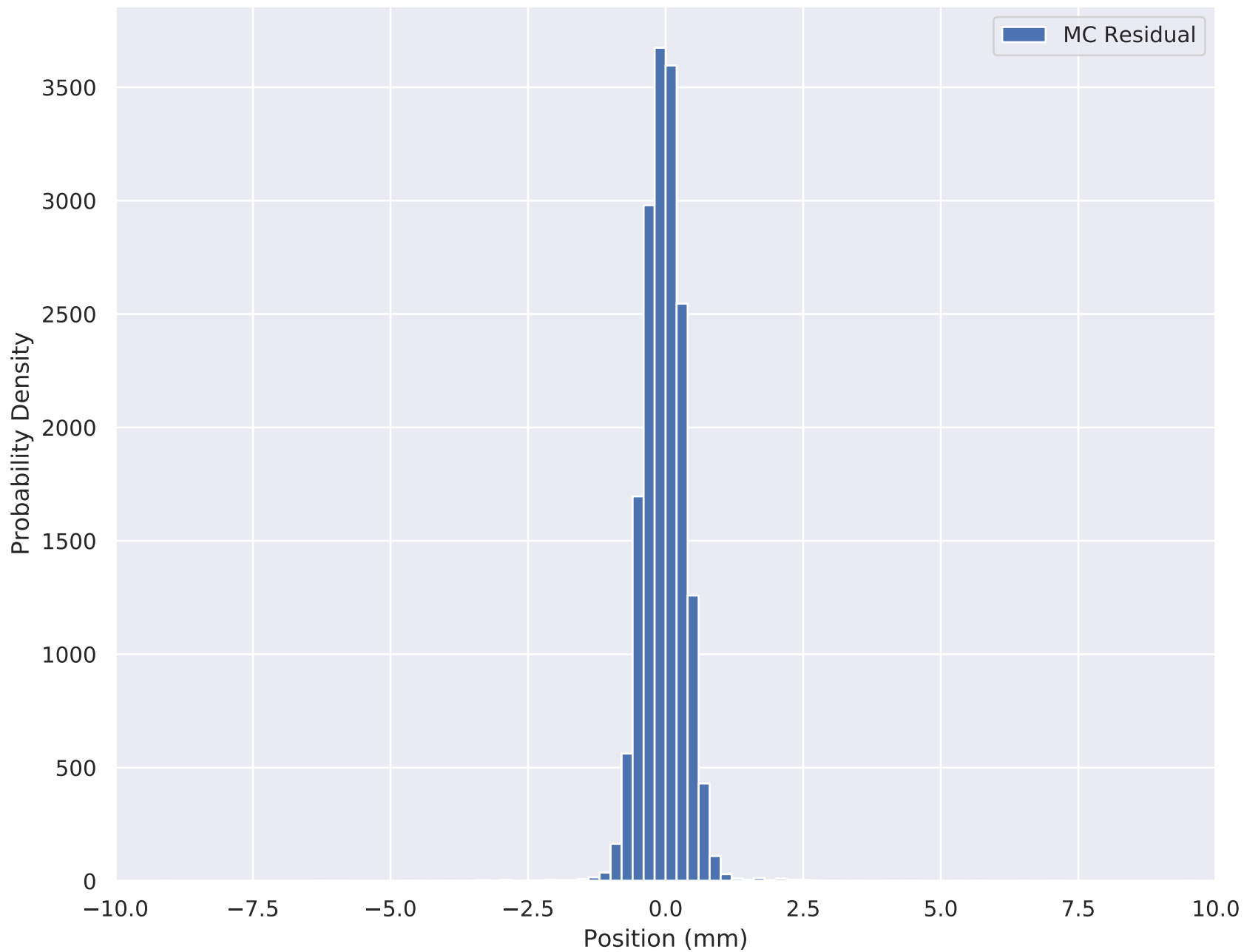
6-140 No Absorber Solenoid X Residual (Full Upstream) TKU S4



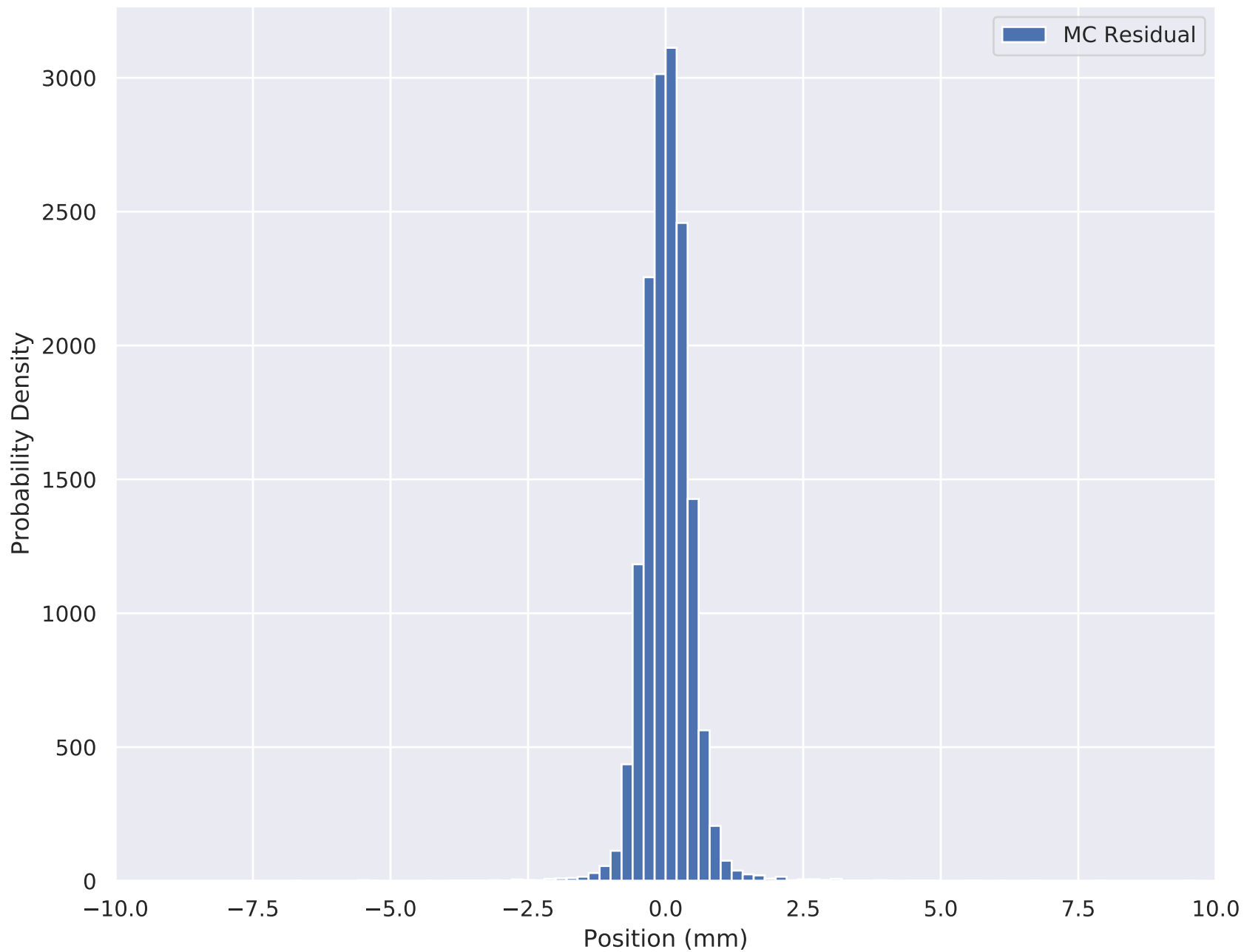
6-140 No Absorber Flip X Residual (Full Upstream) TKU S3



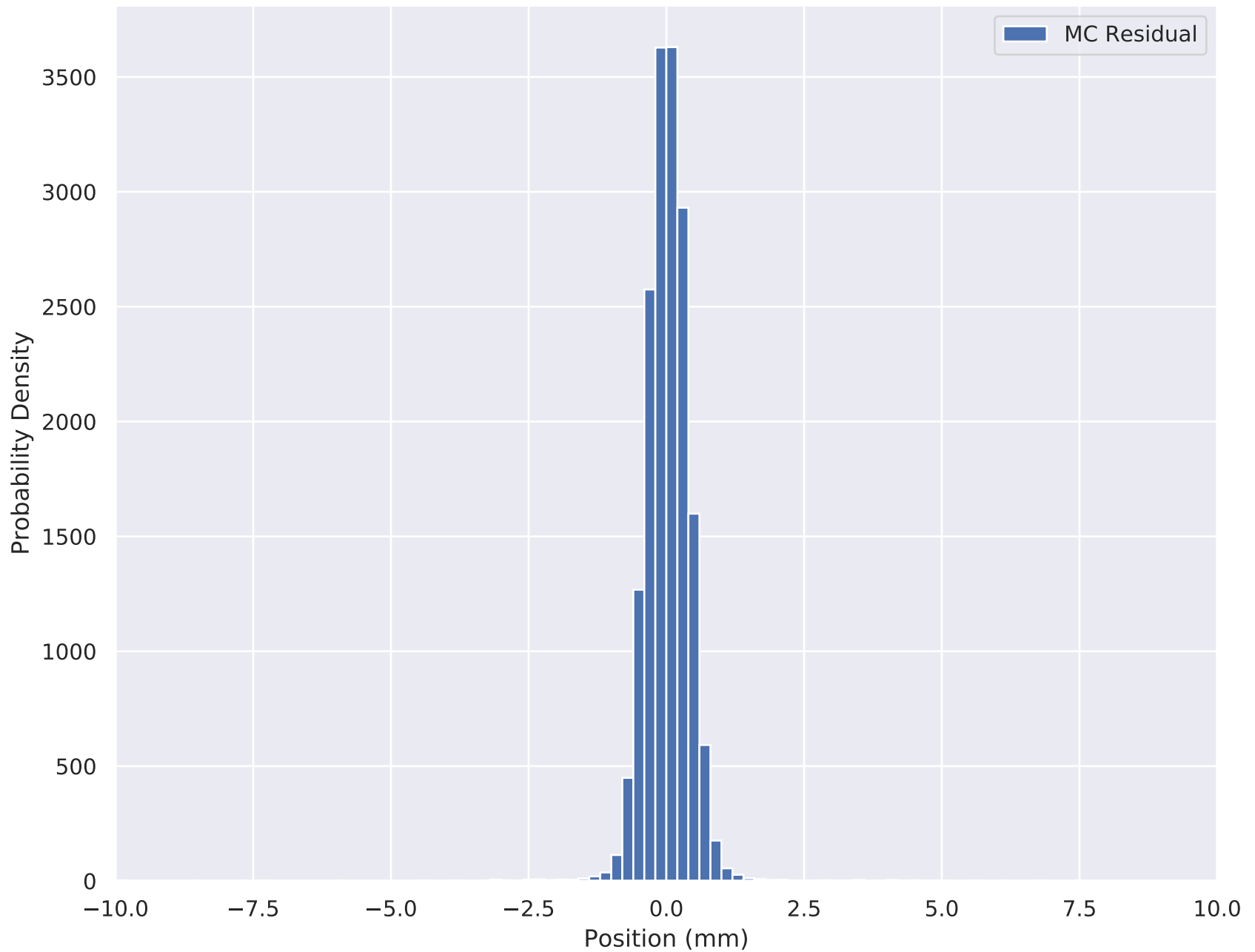
6-140 No Absorber Solenoid X Residual (Full Upstream) TKU S3



6-140 No Absorber Flip X Residual (Full Upstream) TKU S2

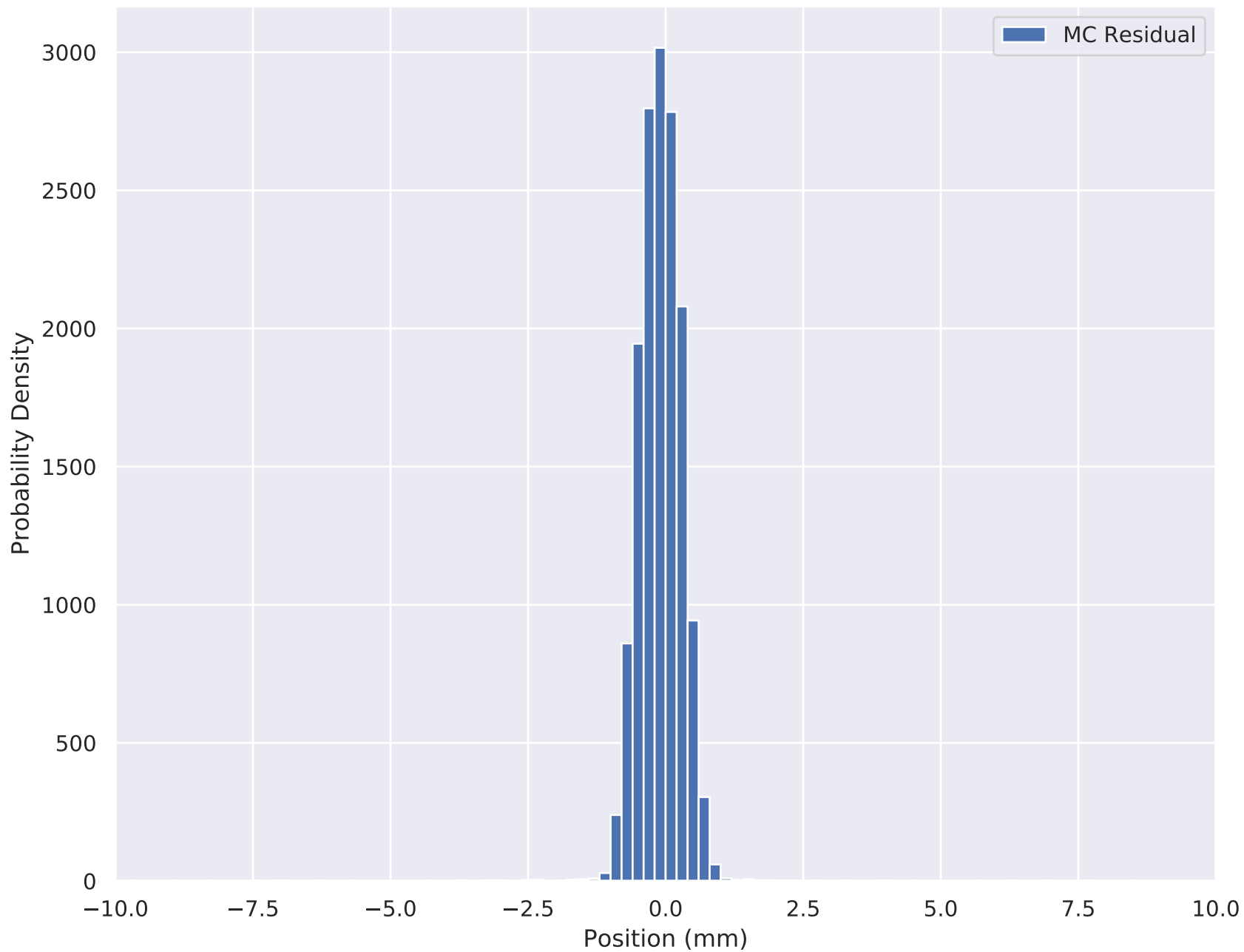


6-140 No Absorber Solenoid X Residual (Full Upstream) TKU S2

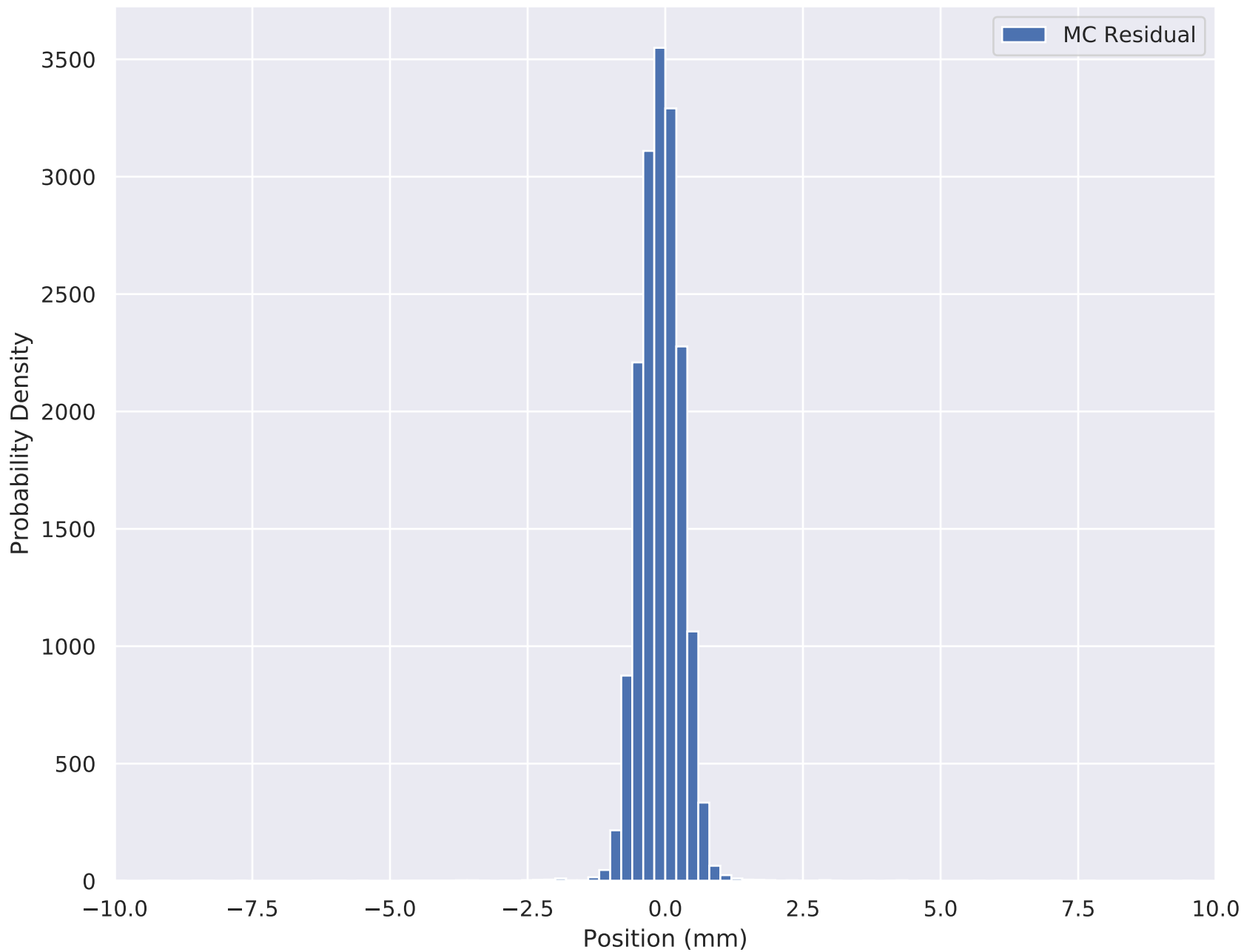




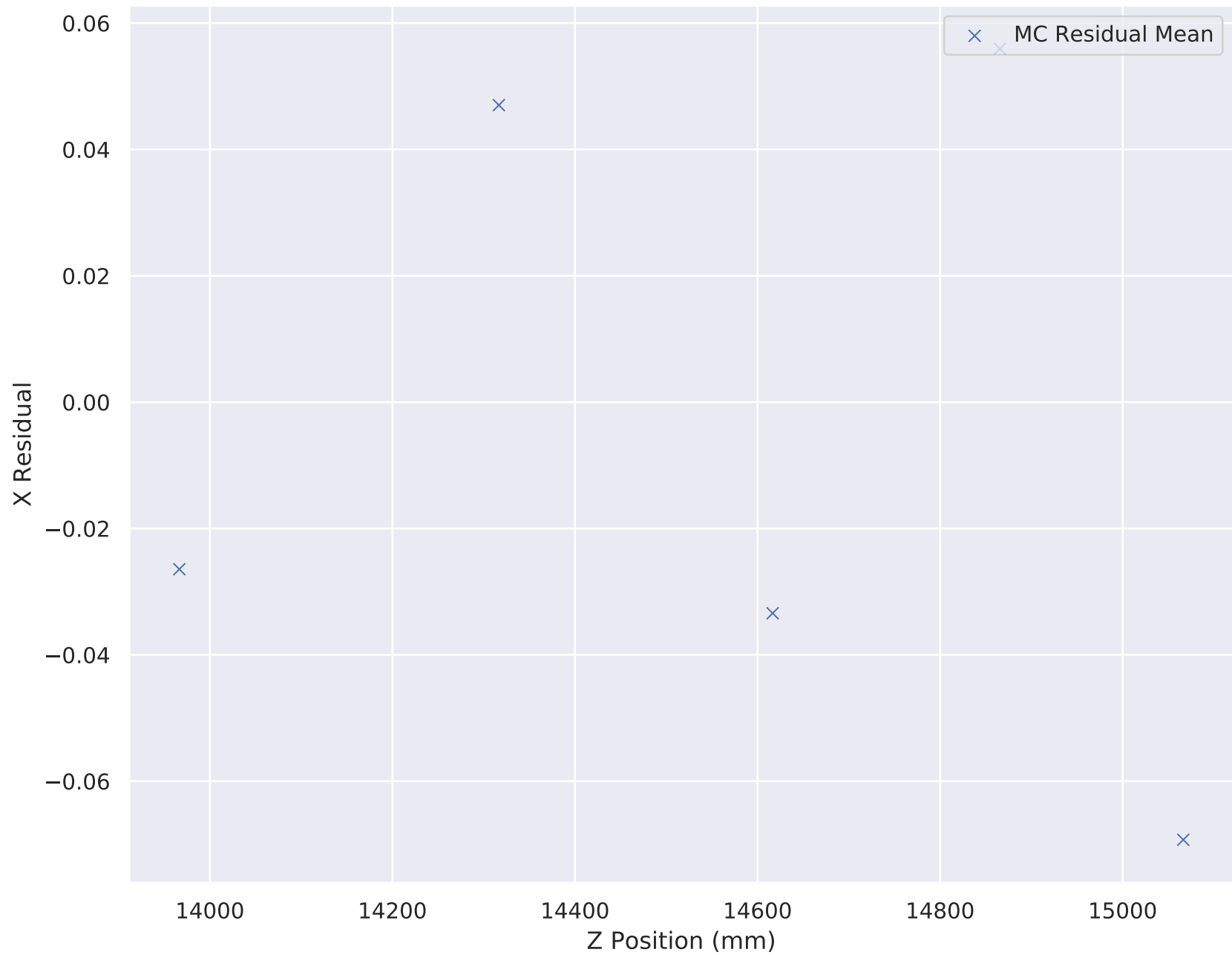
6-140 No Absorber Flip X Residual (Full Upstream) TKU S1



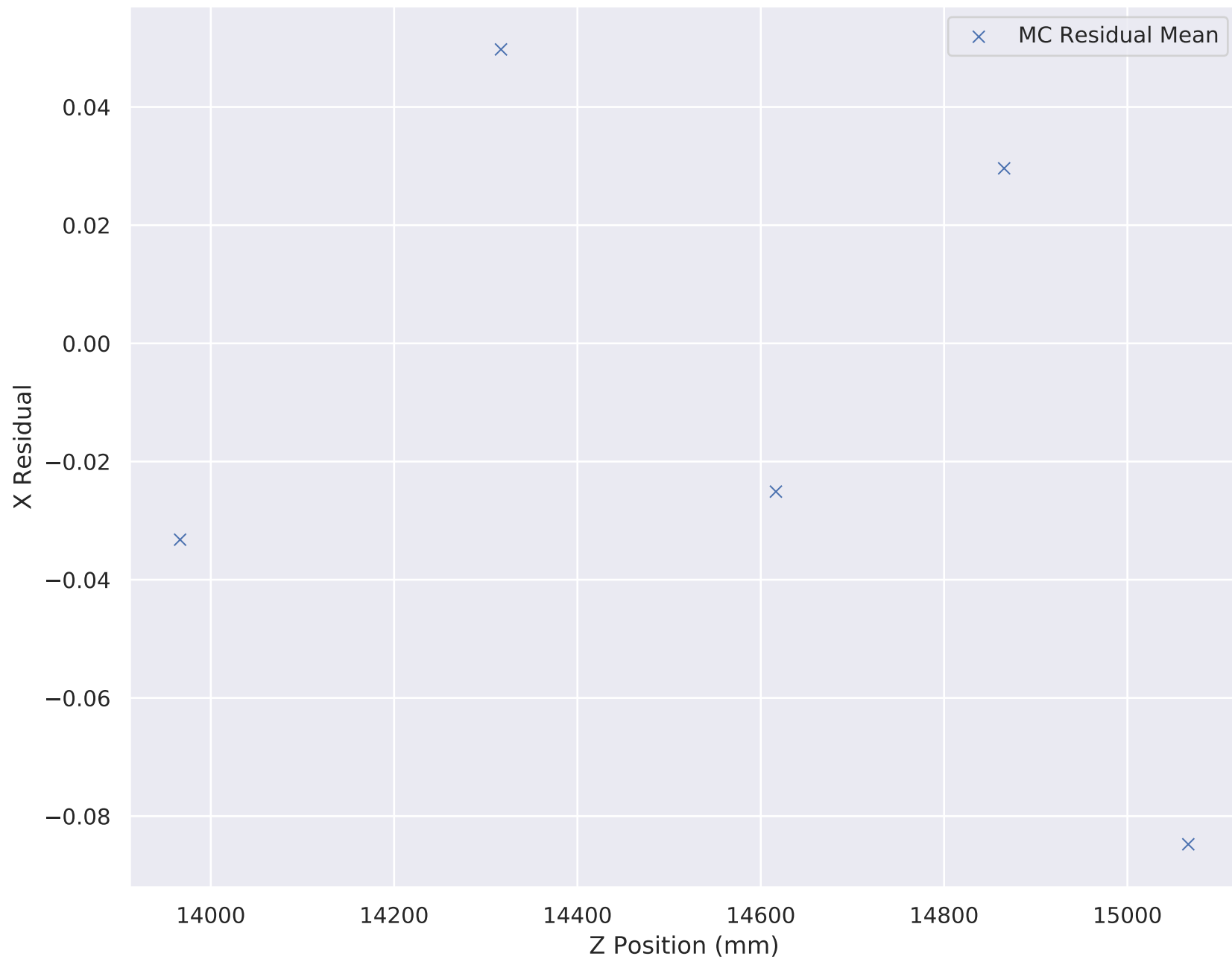
6-140 No Absorber Solenoid X Residual (Full Upstream) TKU S1



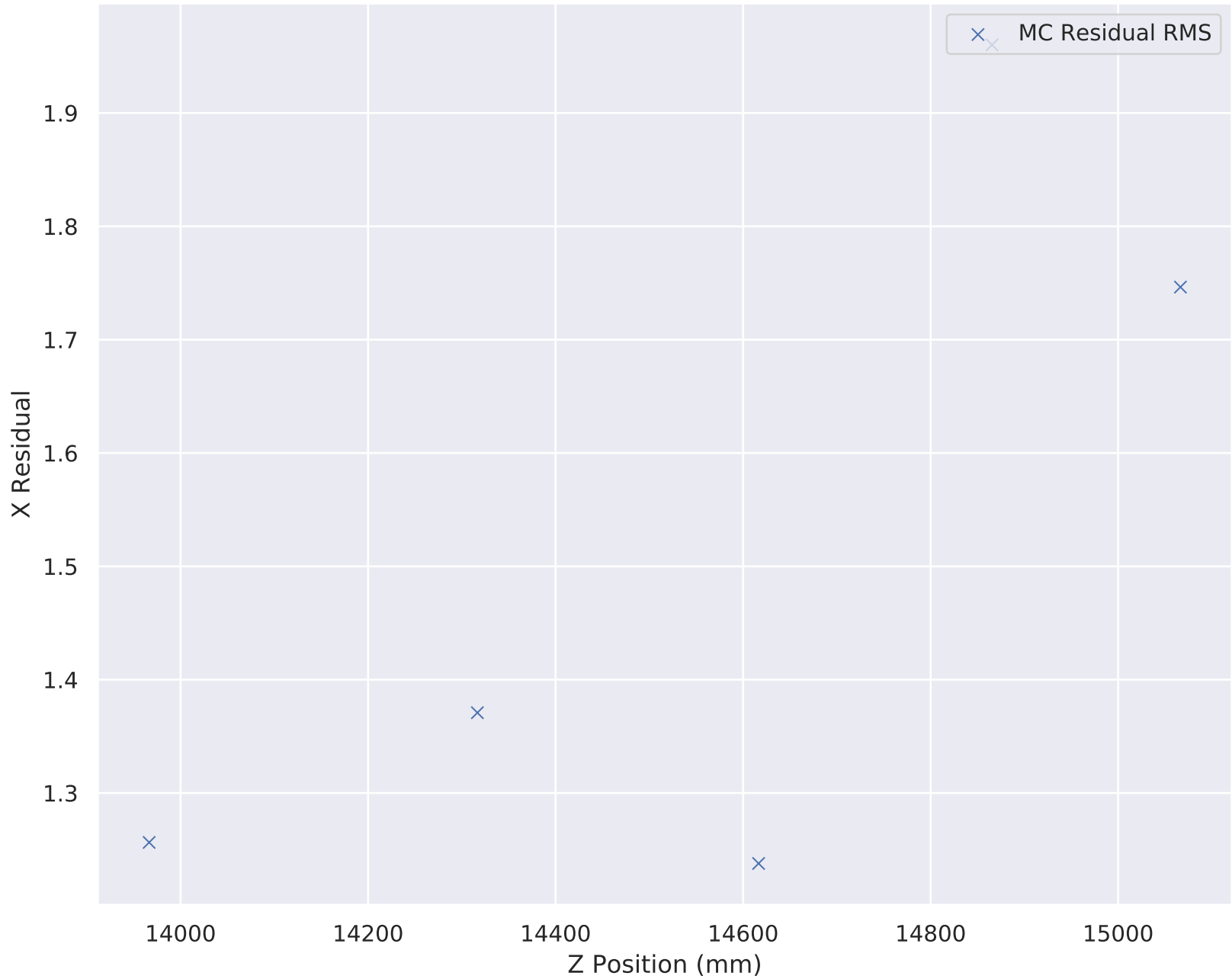
6-140 No Absorber Flip X Residual Mean (Full Upstream)



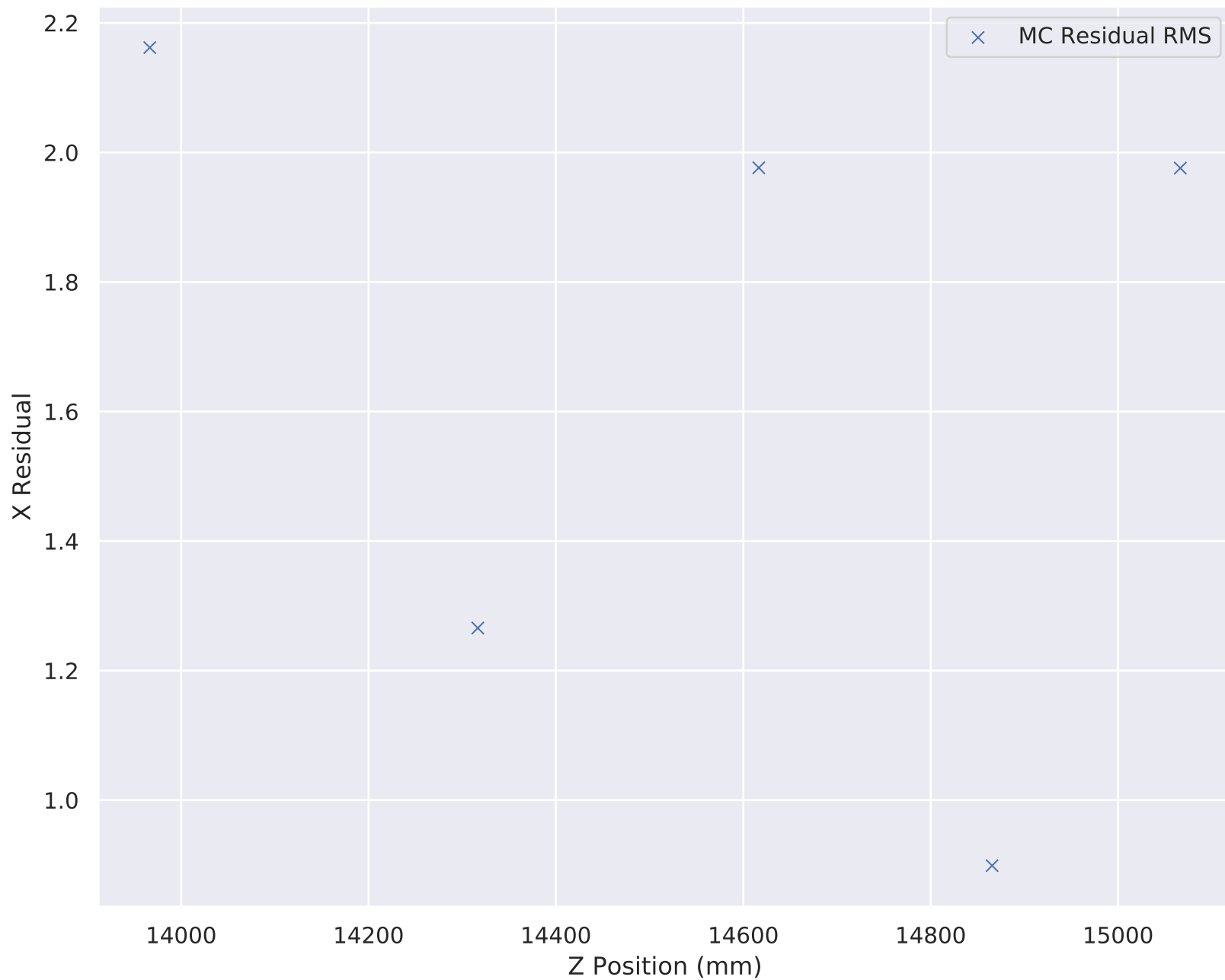
6-140 No Absorber Solenoid X Residual Mean (Full Upstream)



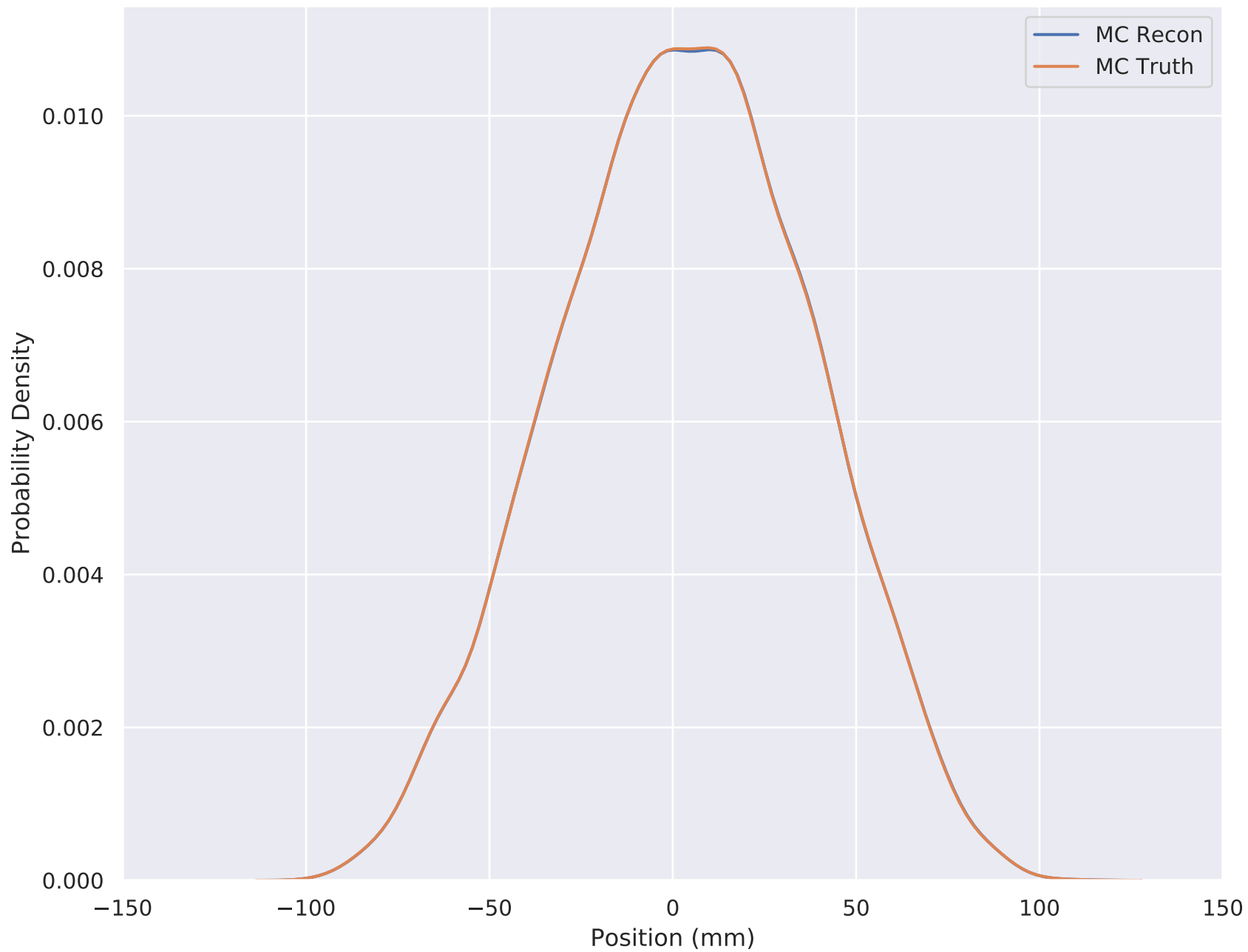
6-140 No Absorber Flip X Residual RMS (Full Upstream)



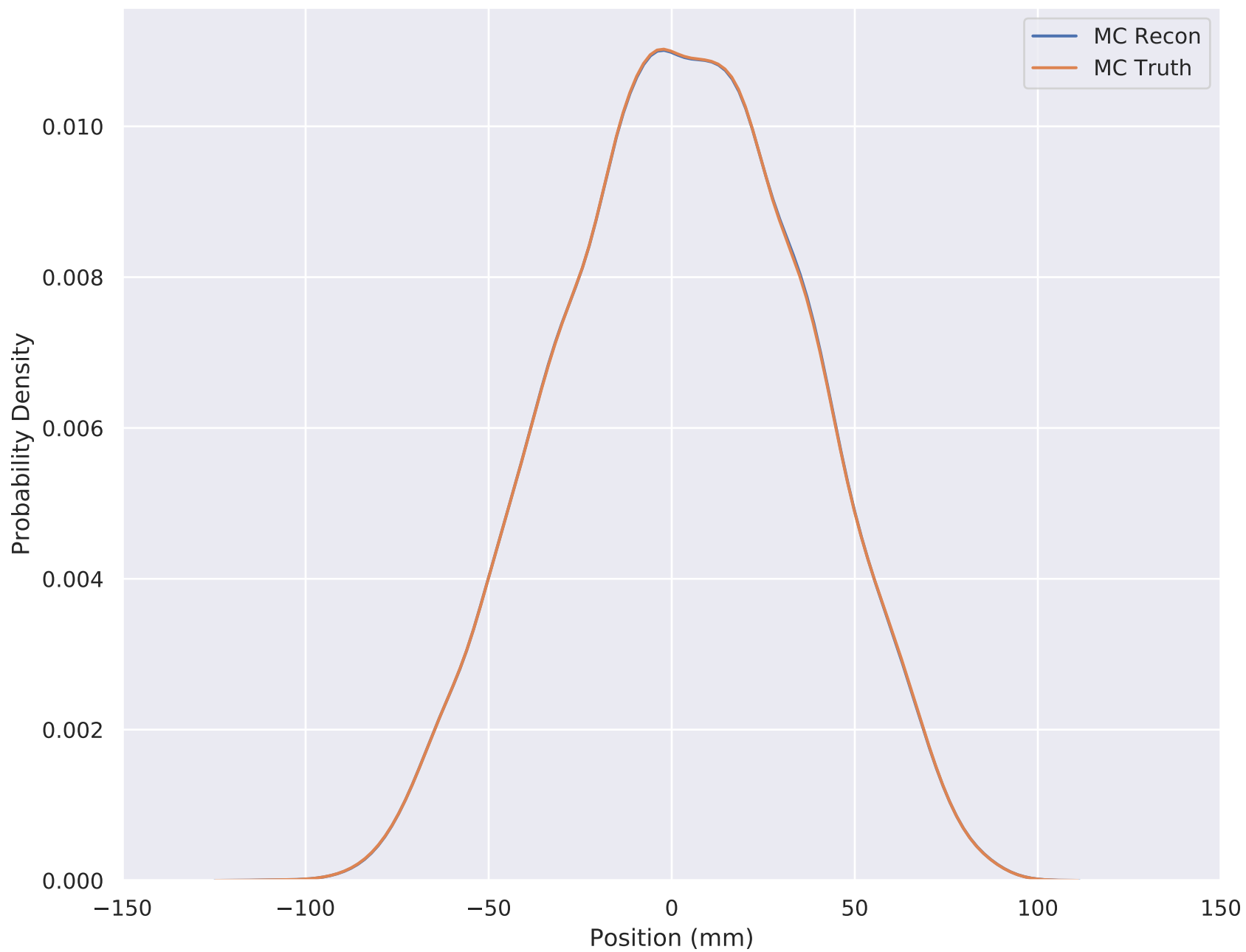
6-140 No Absorber Solenoid X Residual RMS (Full Upstream)



6-140 No Absorber Flip X Position (Downstream cut) TKU S5

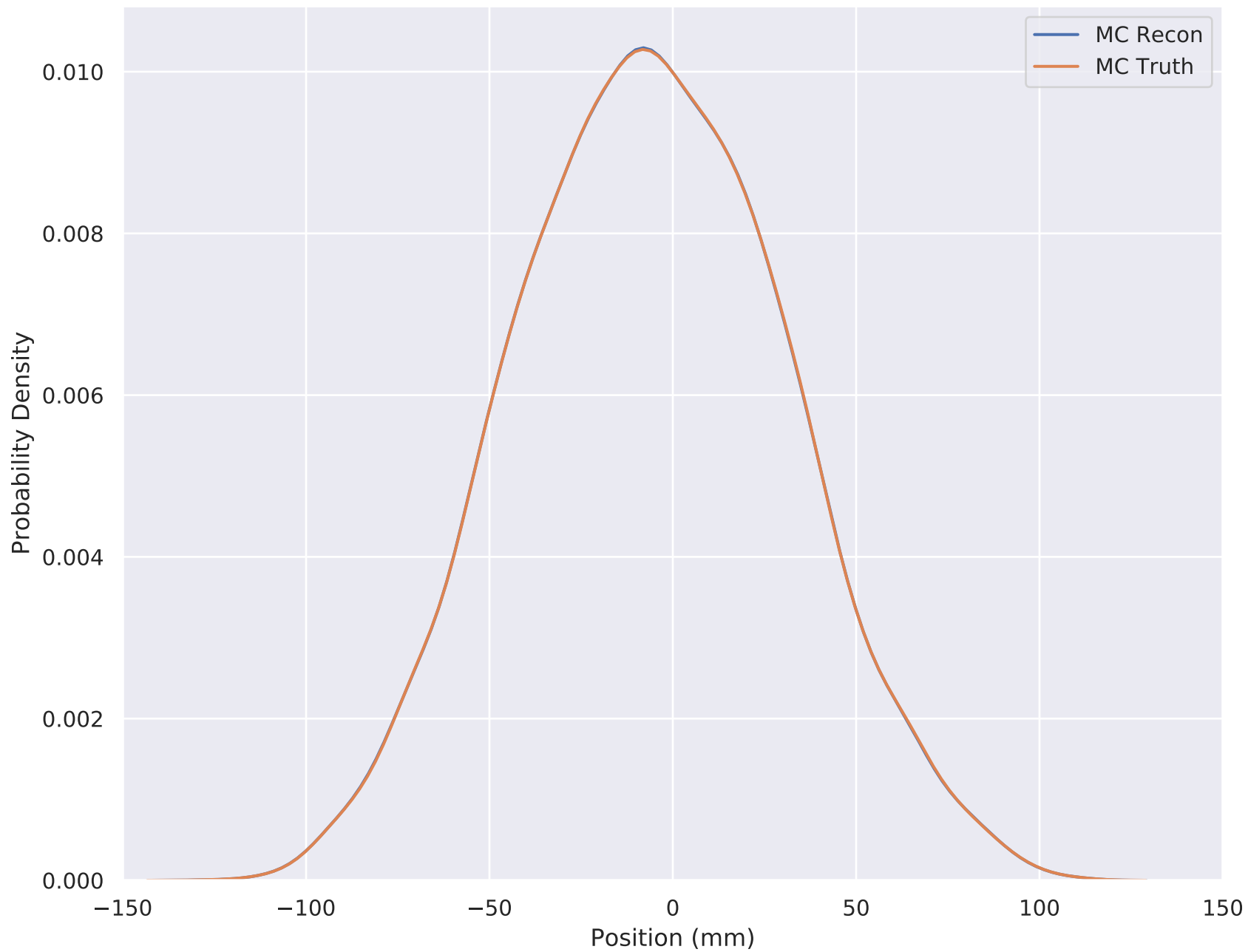


6-140 No Absorber Solenoid X Position (Downstream cut) TKU S5

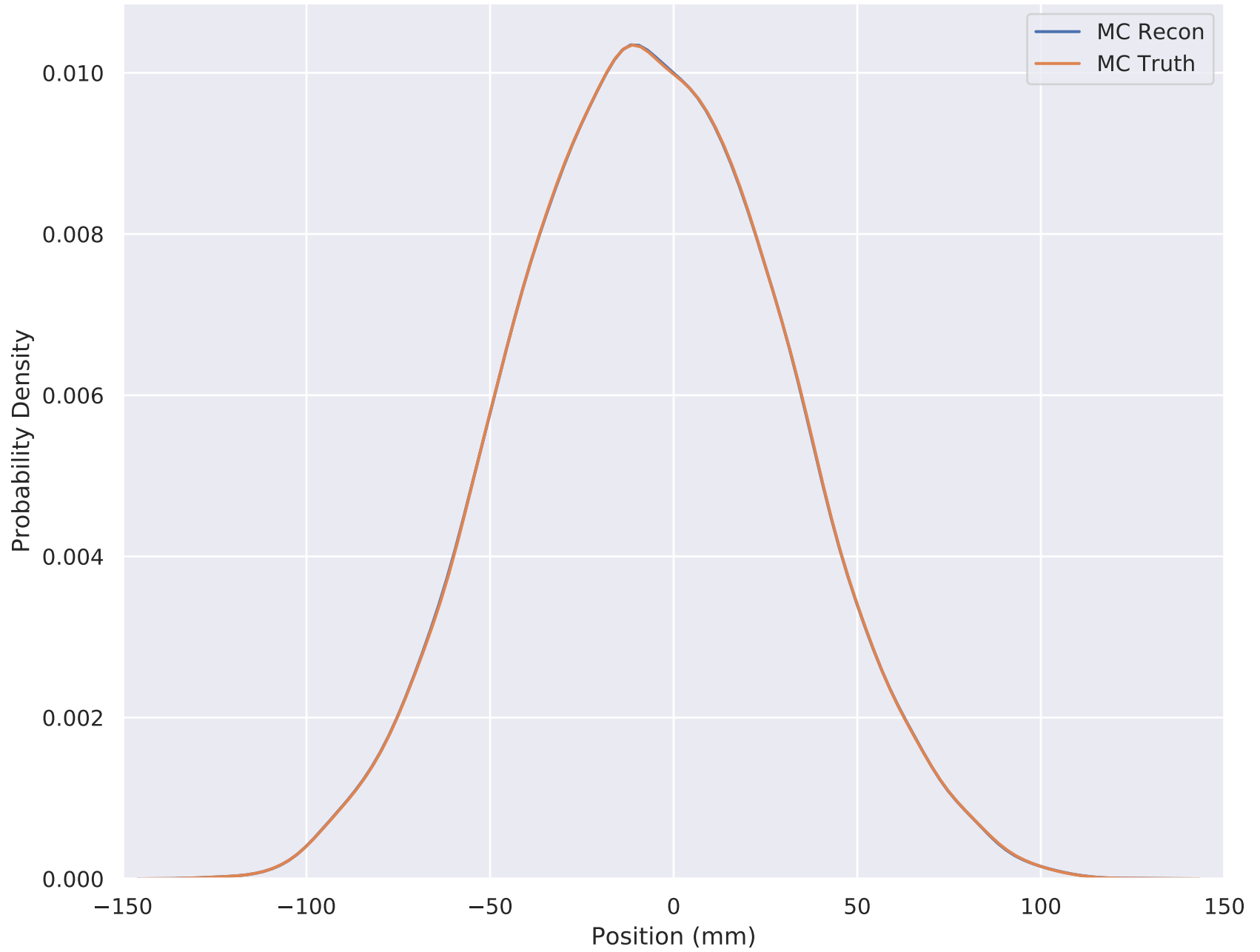




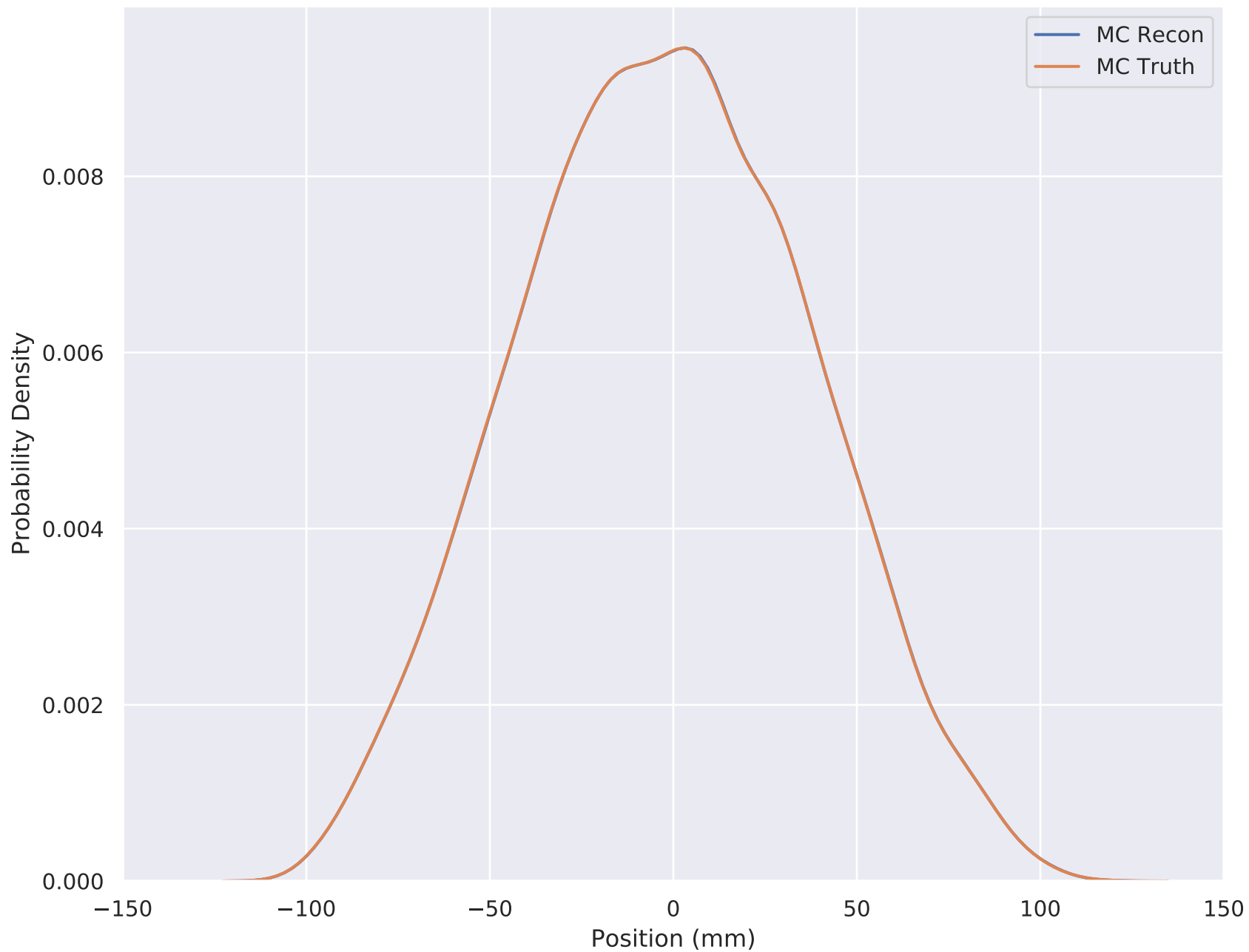
6-140 No Absorber Flip X Position (Downstream cut) TKU S4



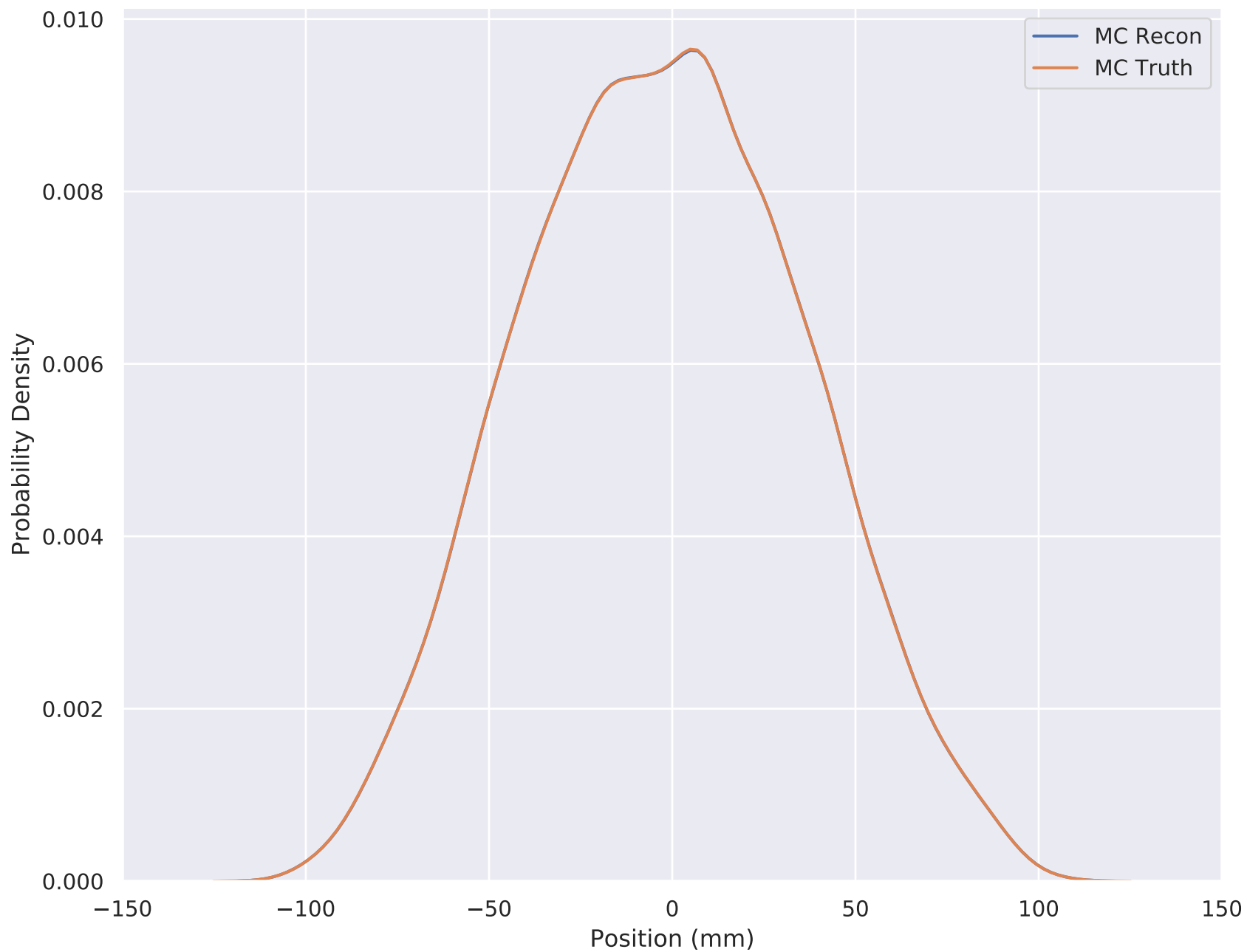
6-140 No Absorber Solenoid X Position (Downstream cut) TKU S4



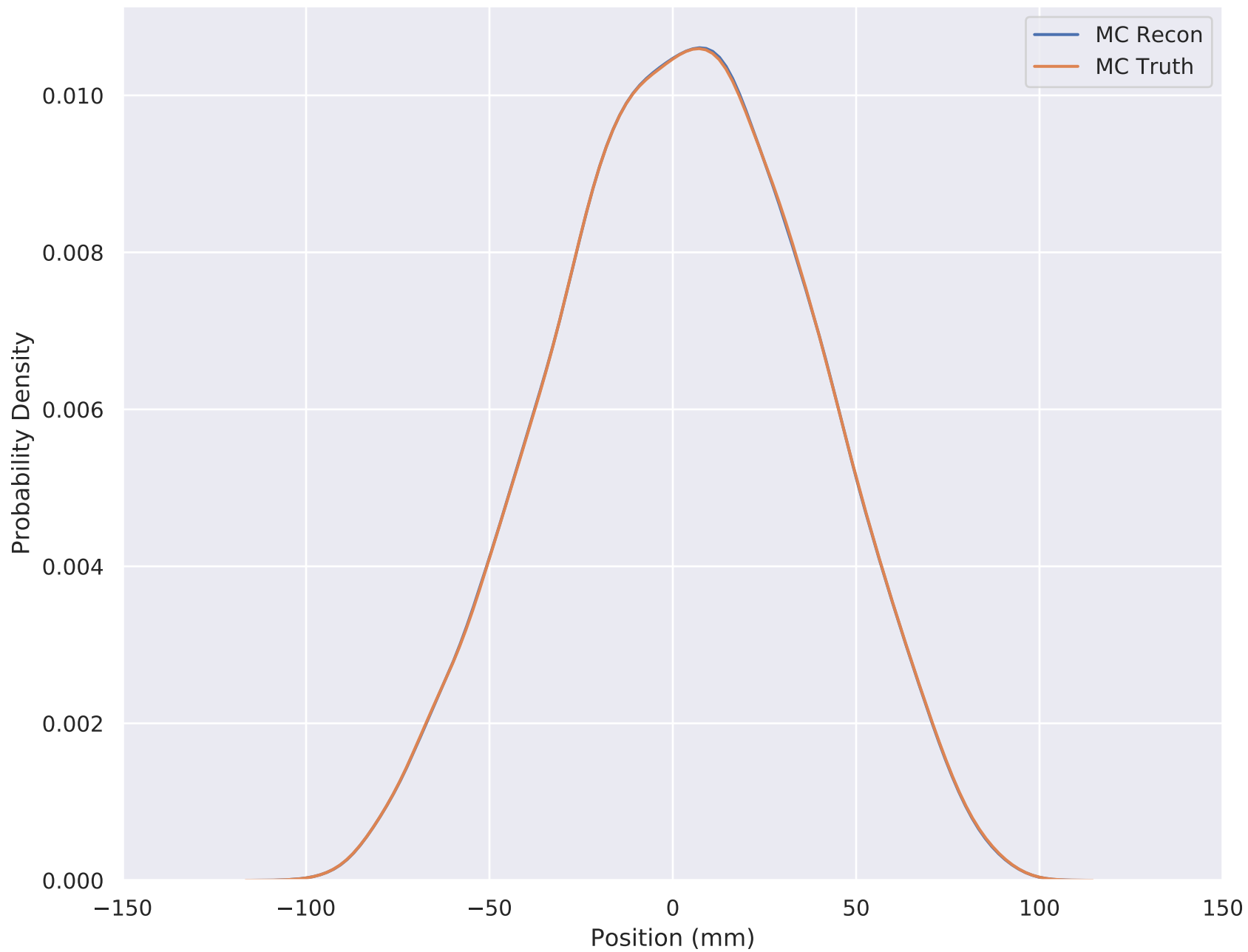
6-140 No Absorber Flip X Position (Downstream cut) TKU S3



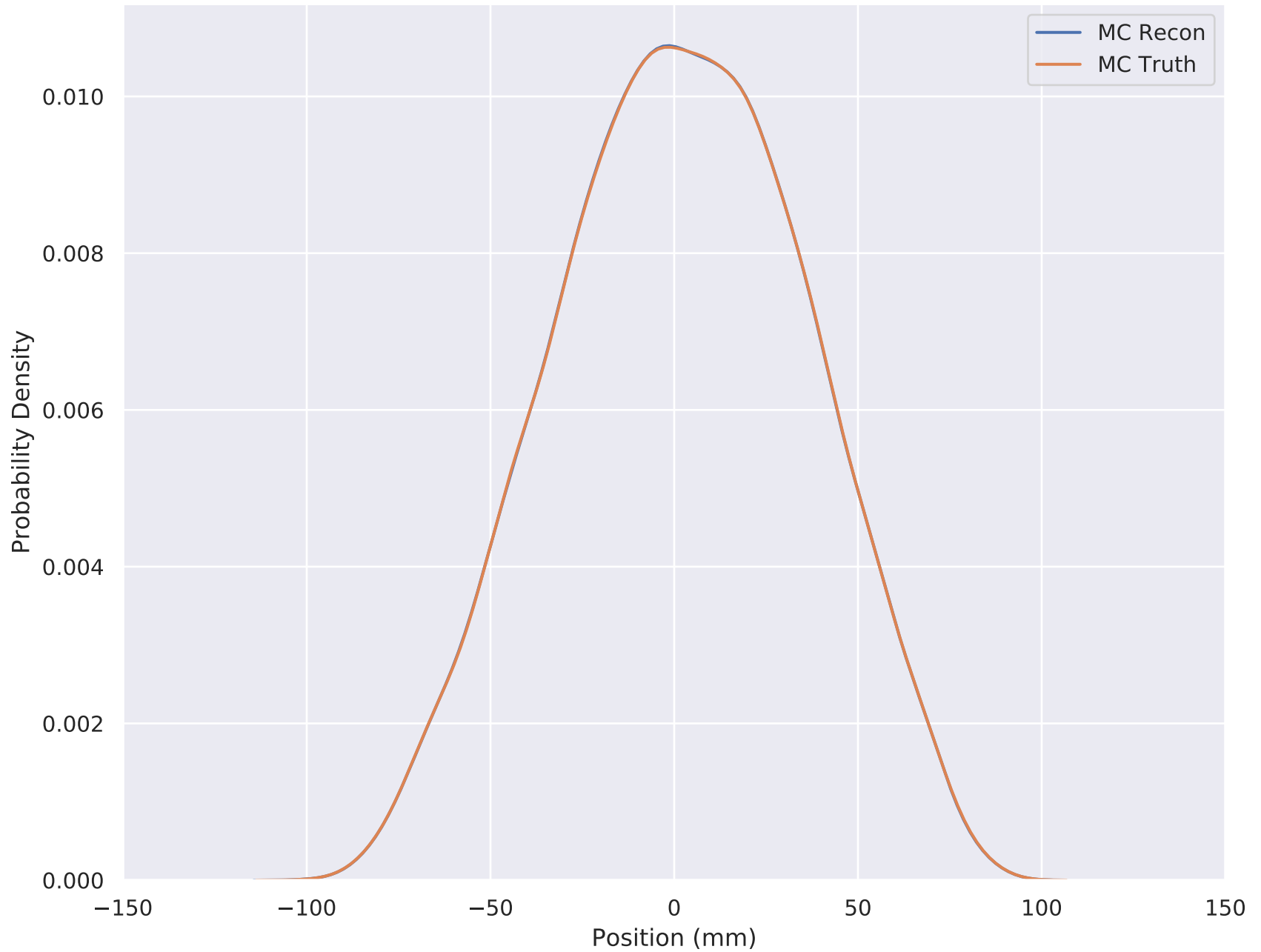
6-140 No Absorber Solenoid X Position (Downstream cut) TKU S3



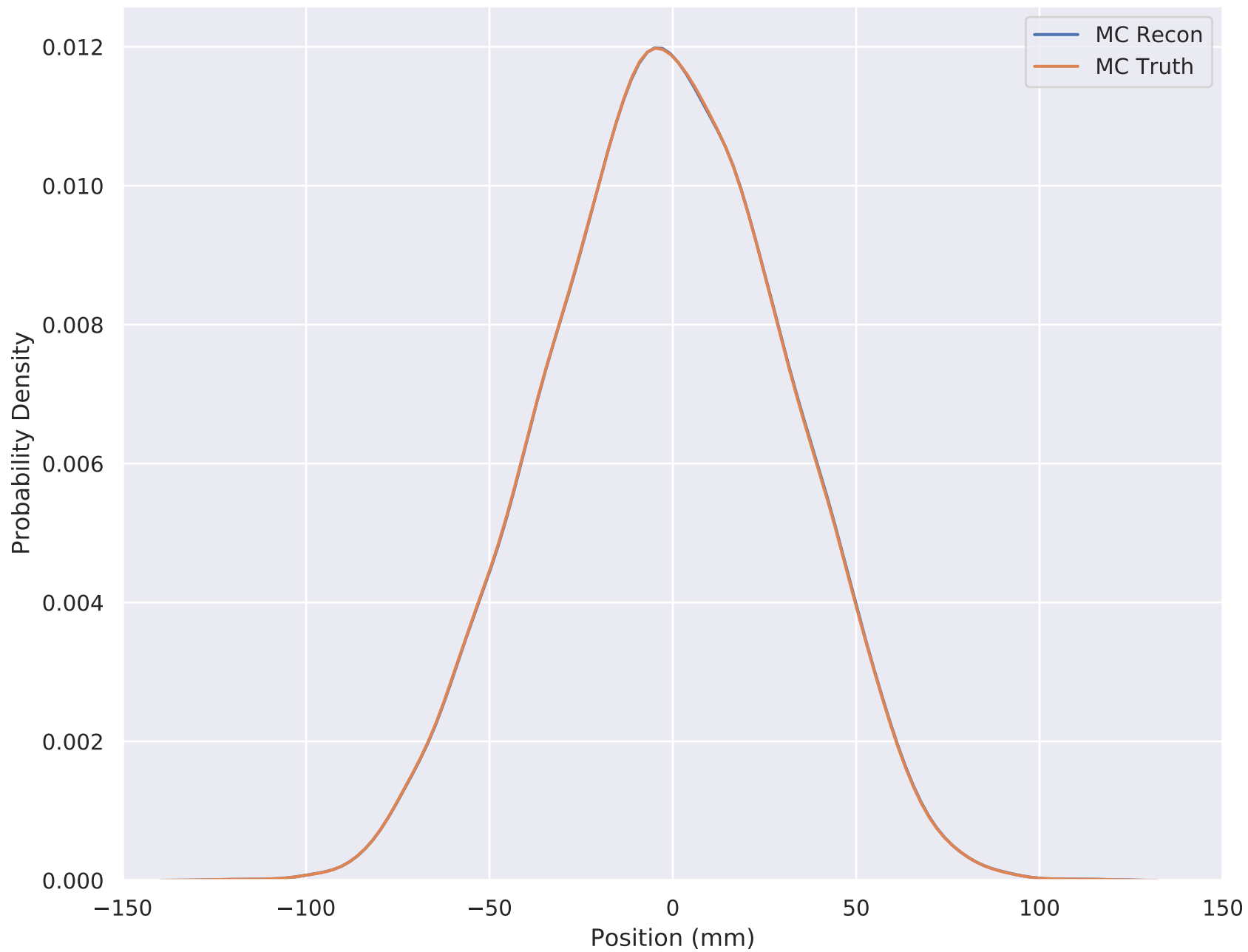
6-140 No Absorber Flip X Position (Downstream cut) TKU S2



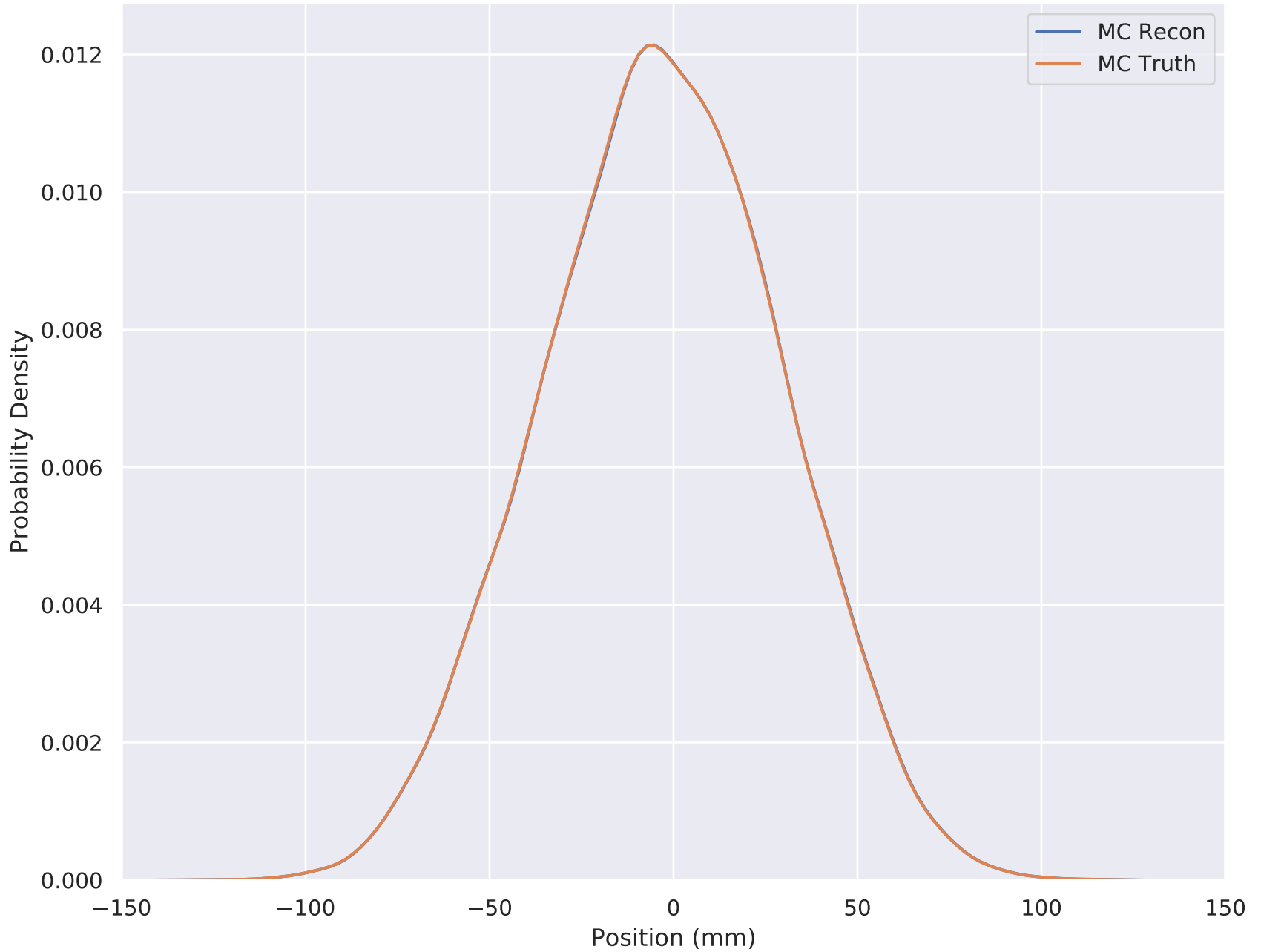
6-140 No Absorber Solenoid X Position (Downstream cut) TKU S2



6-140 No Absorber Flip X Position (Downstream cut) TKU S1

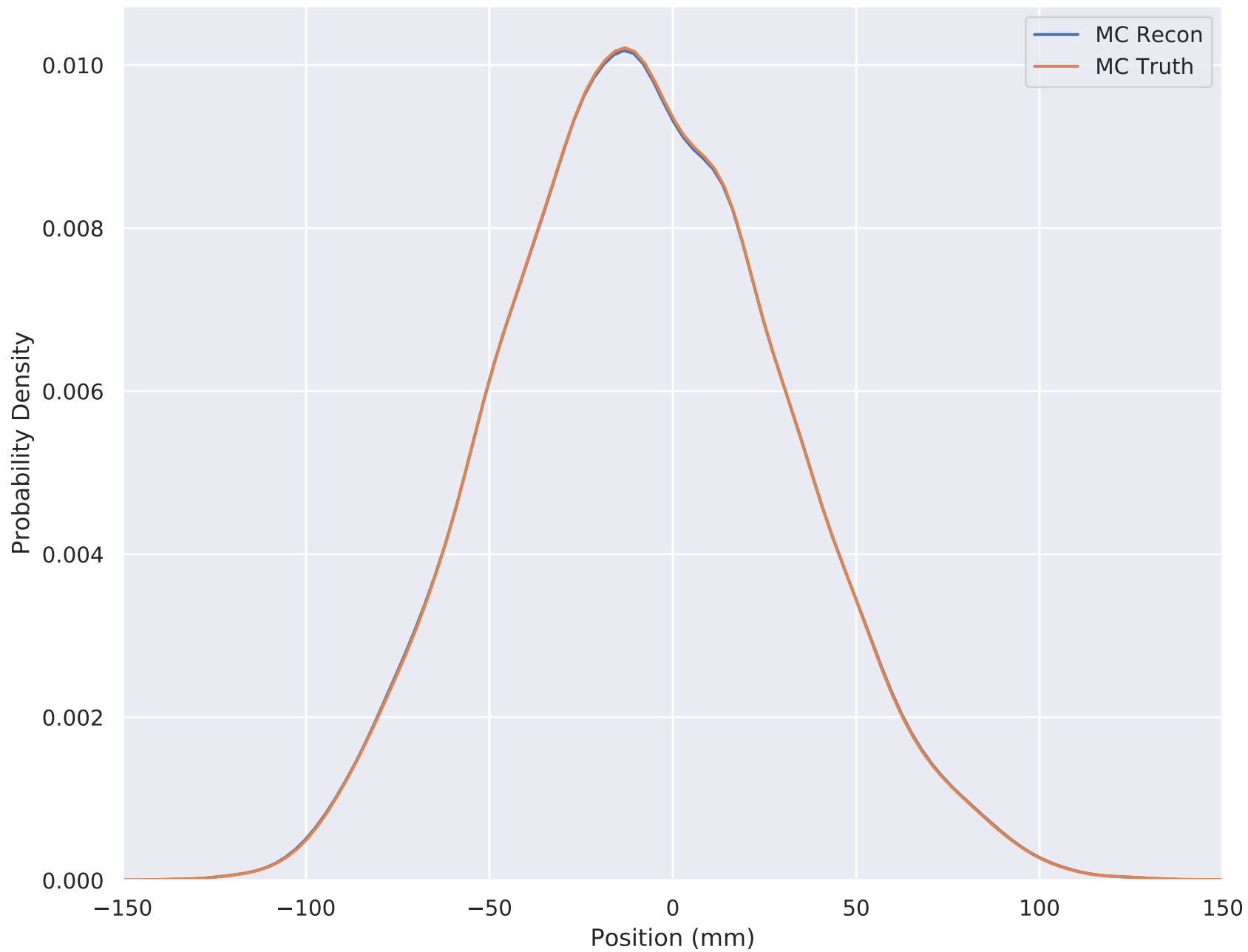


6-140 No Absorber Solenoid X Position (Downstream cut) TKU S1

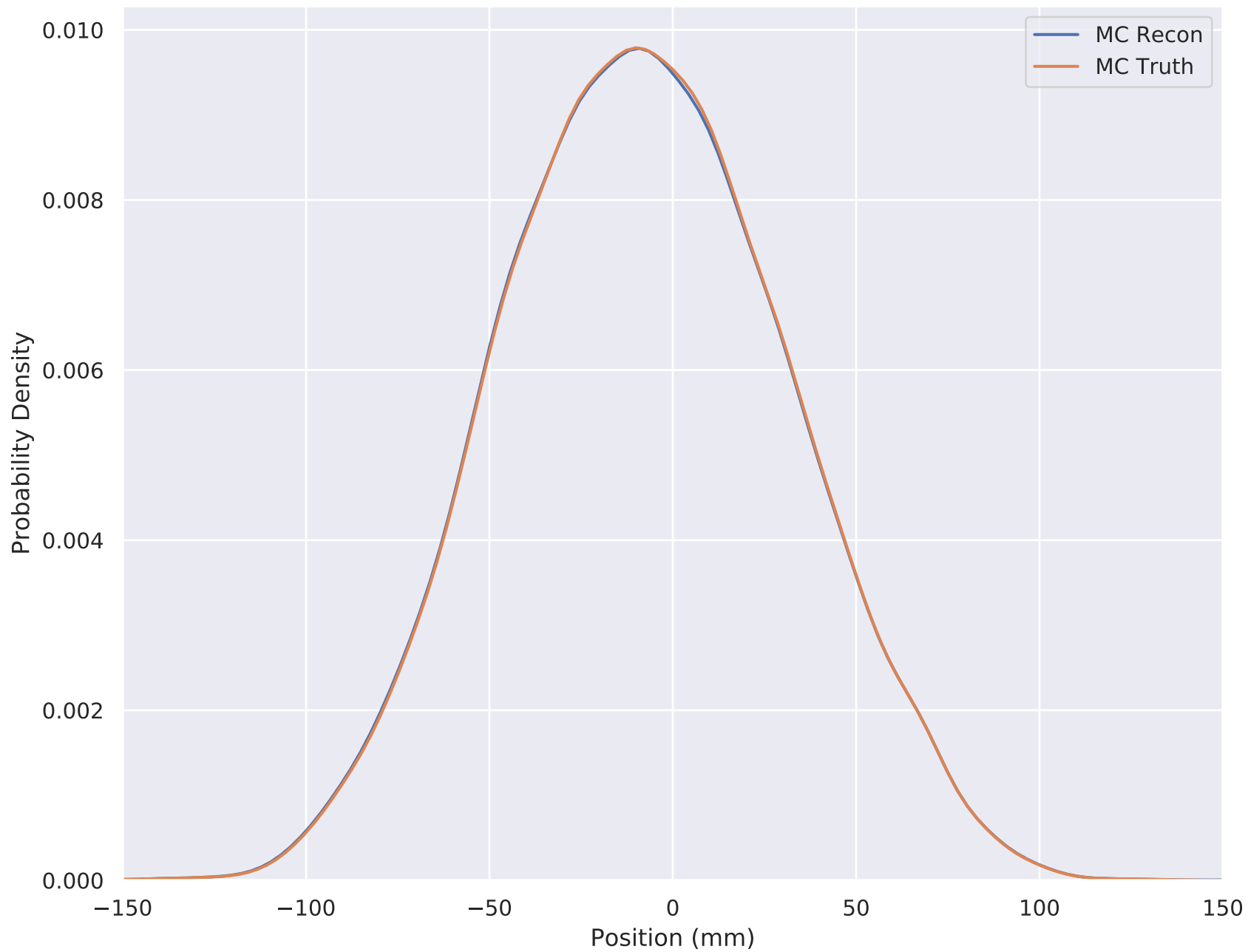




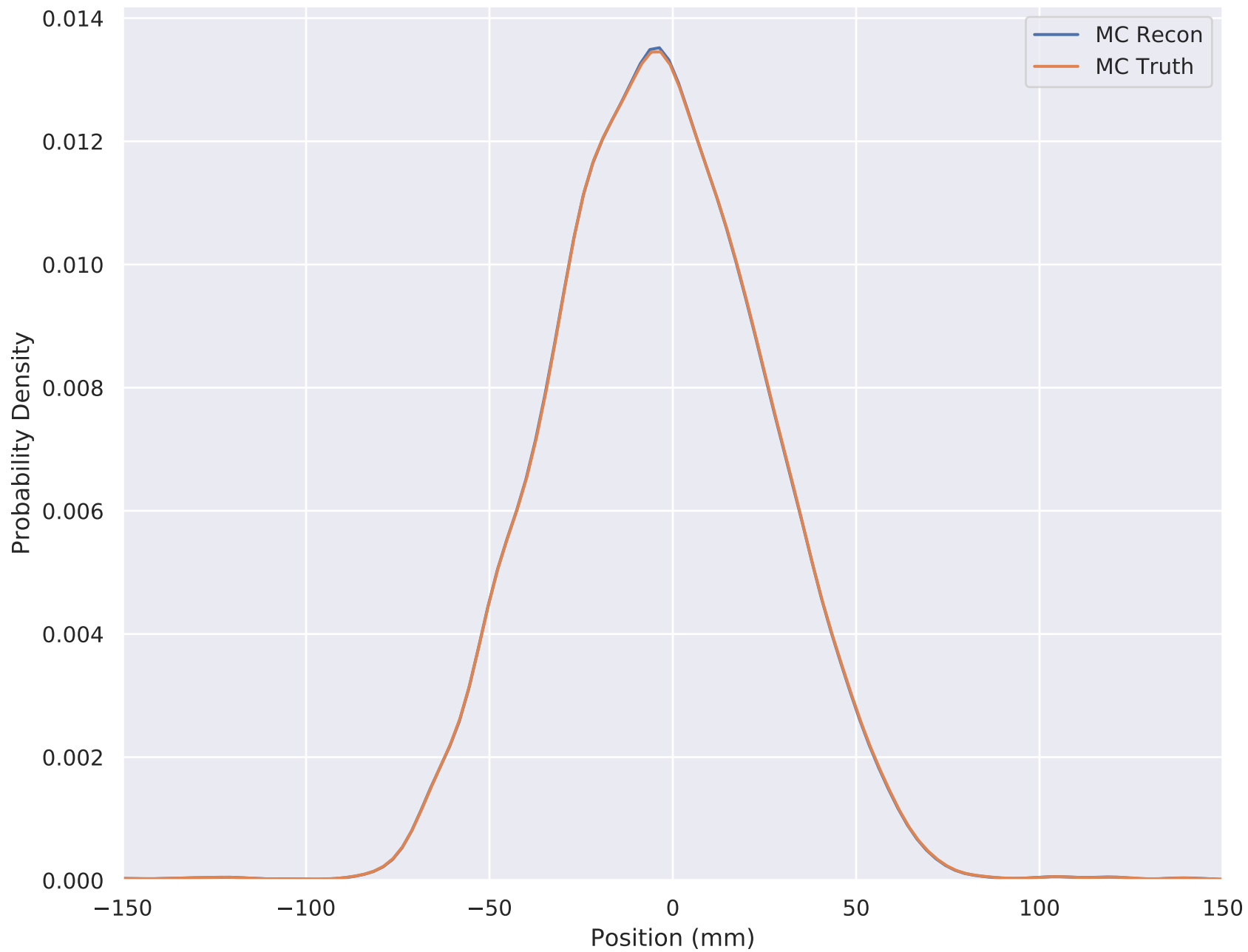
6-140 No Absorber Flip X Position (Downstream cut) TKD S1



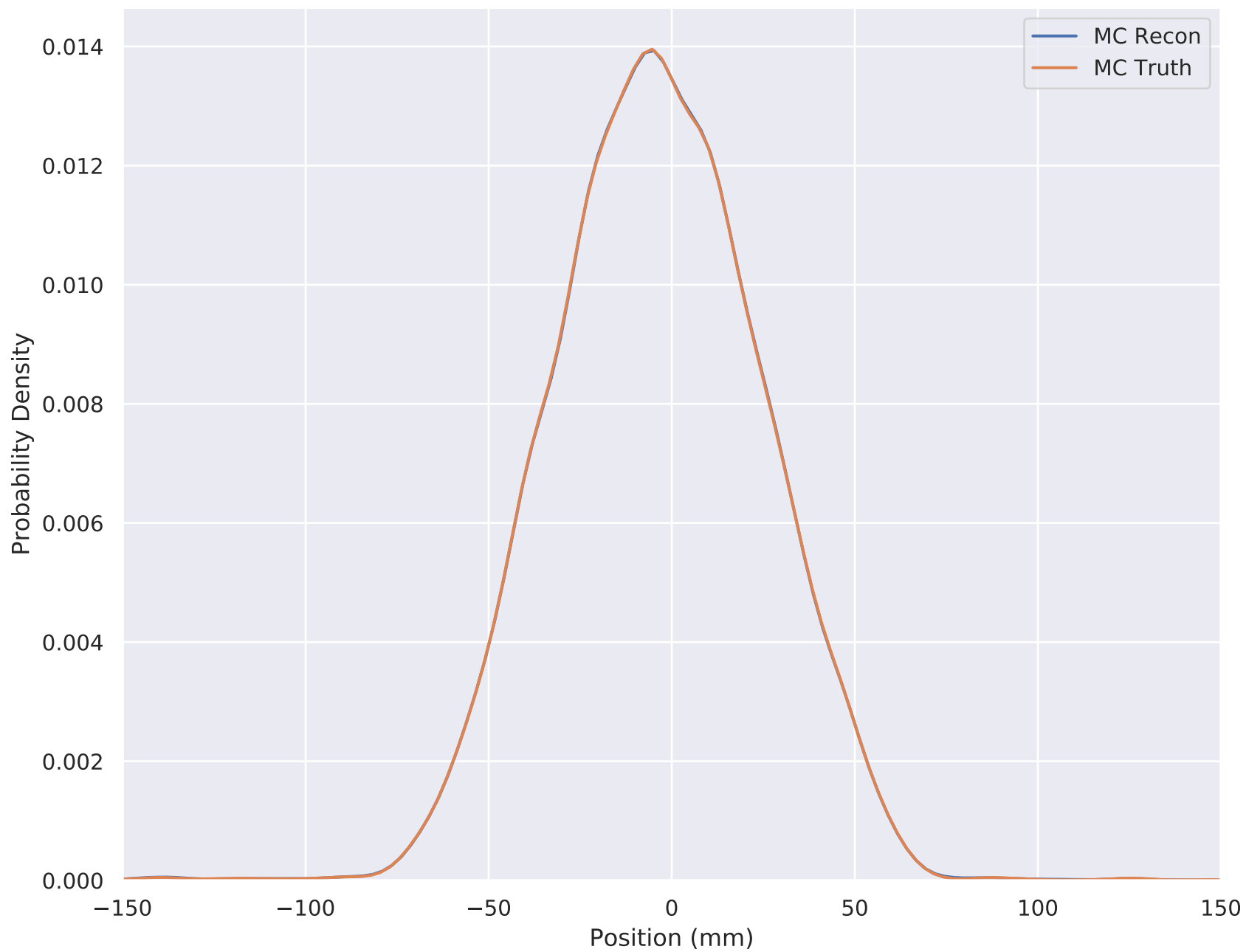
6-140 No Absorber Solenoid X Position (Downstream cut) TKD S1



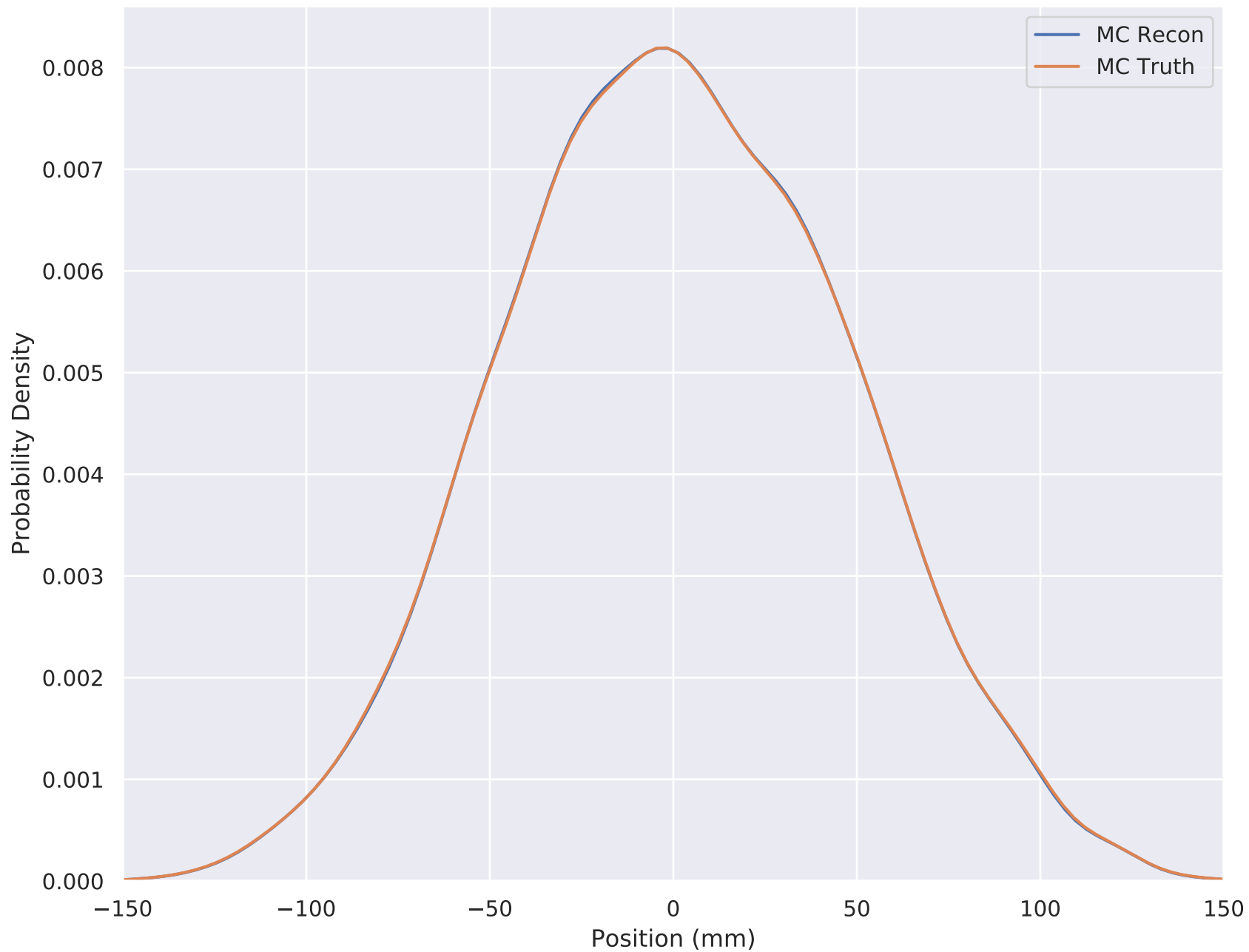
6-140 No Absorber Flip X Position (Downstream cut) TKD S2



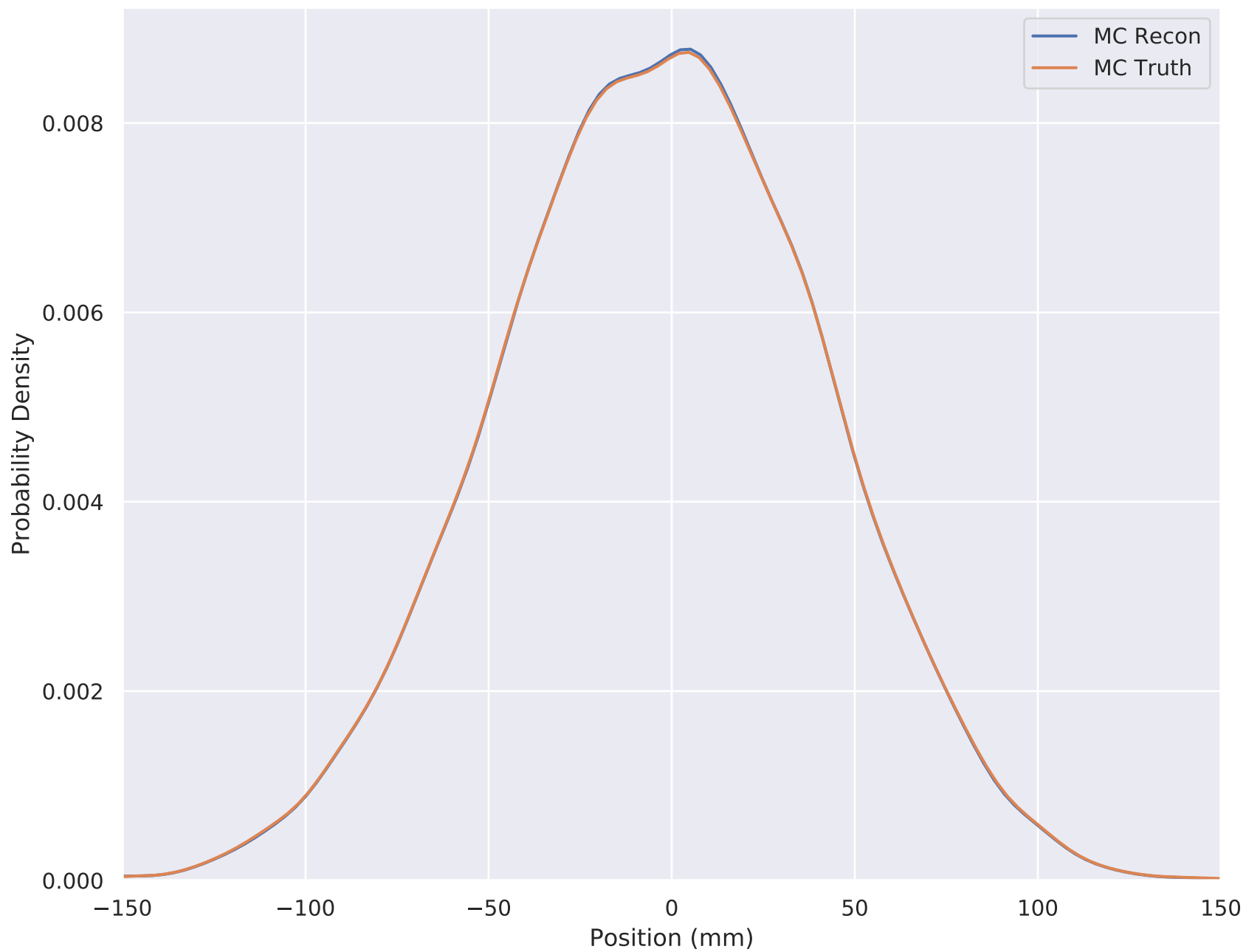
6-140 No Absorber Solenoid X Position (Downstream cut) TKD S2



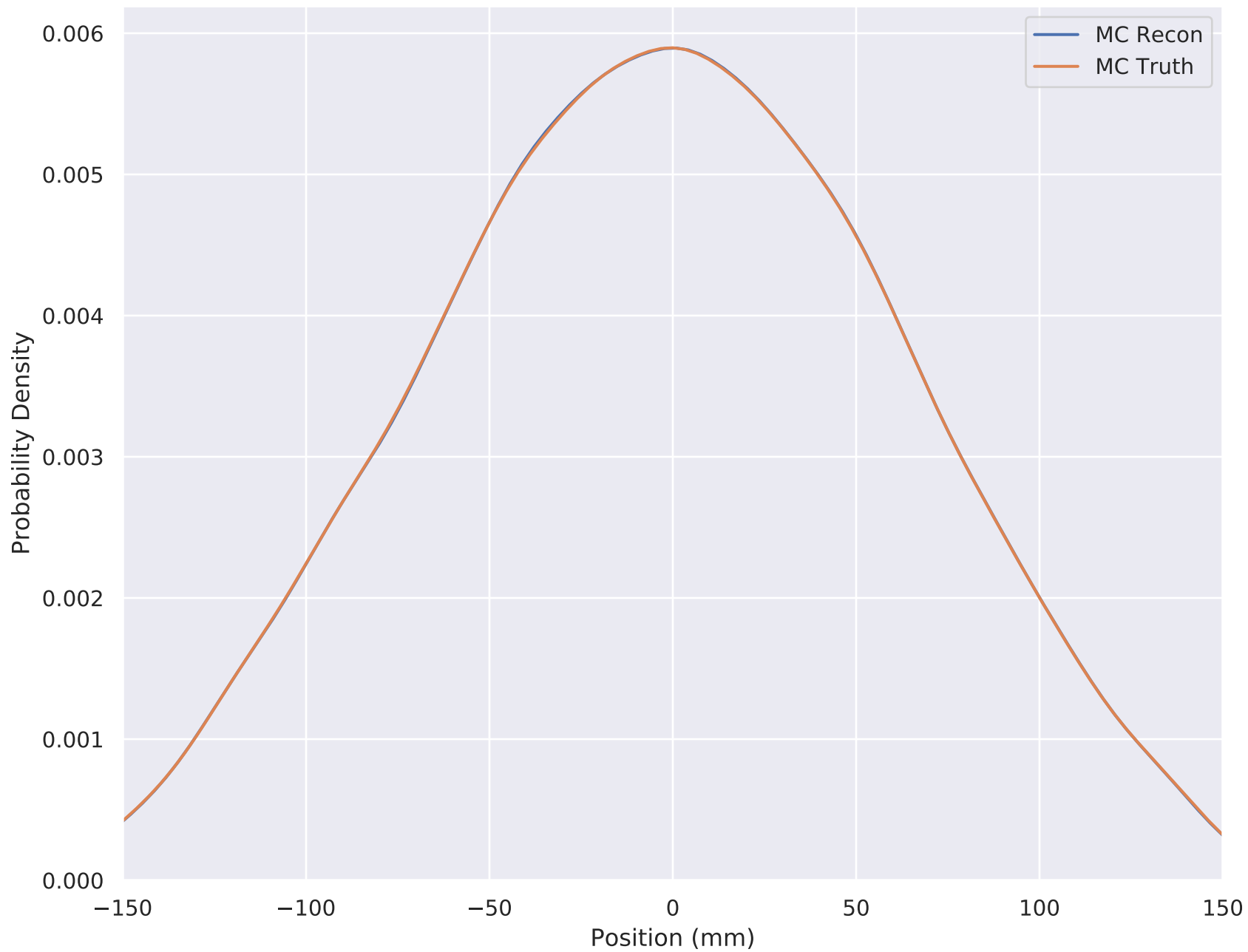
6-140 No Absorber Flip X Position (Downstream cut) TKD S3



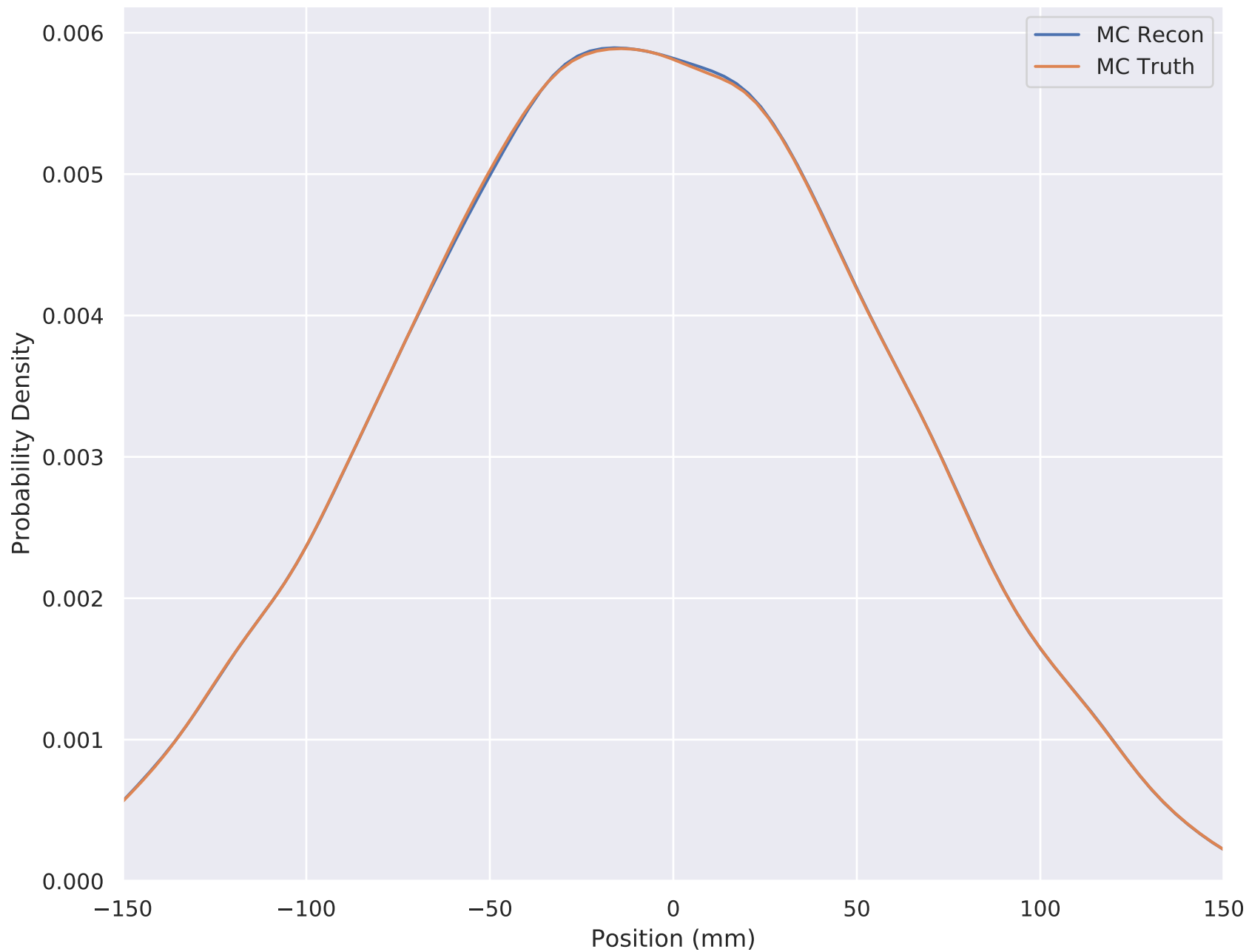
6-140 No Absorber Solenoid X Position (Downstream cut) TKD S3



6-140 No Absorber Flip X Position (Downstream cut) TKD S4

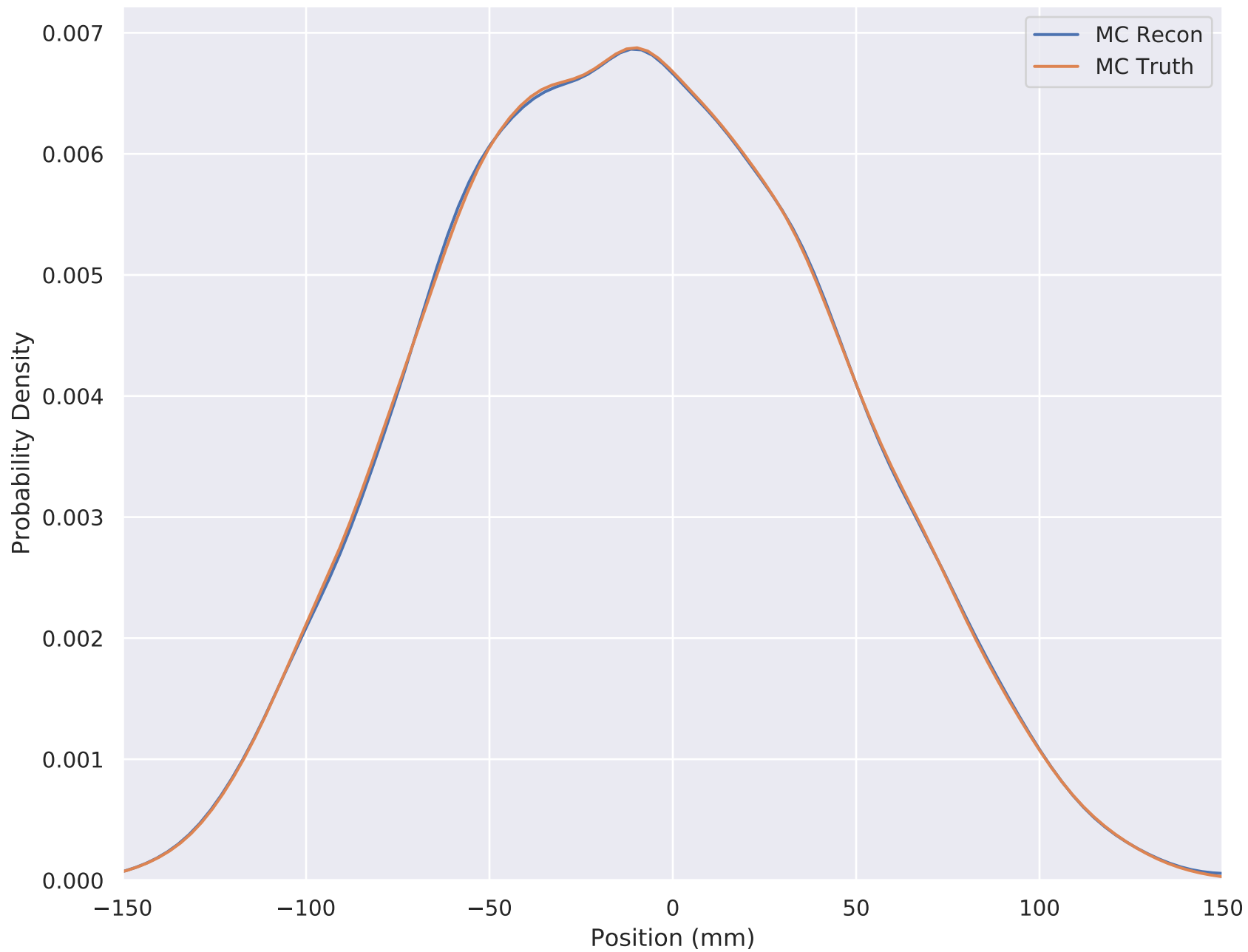


6-140 No Absorber Solenoid X Position (Downstream cut) TKD S4

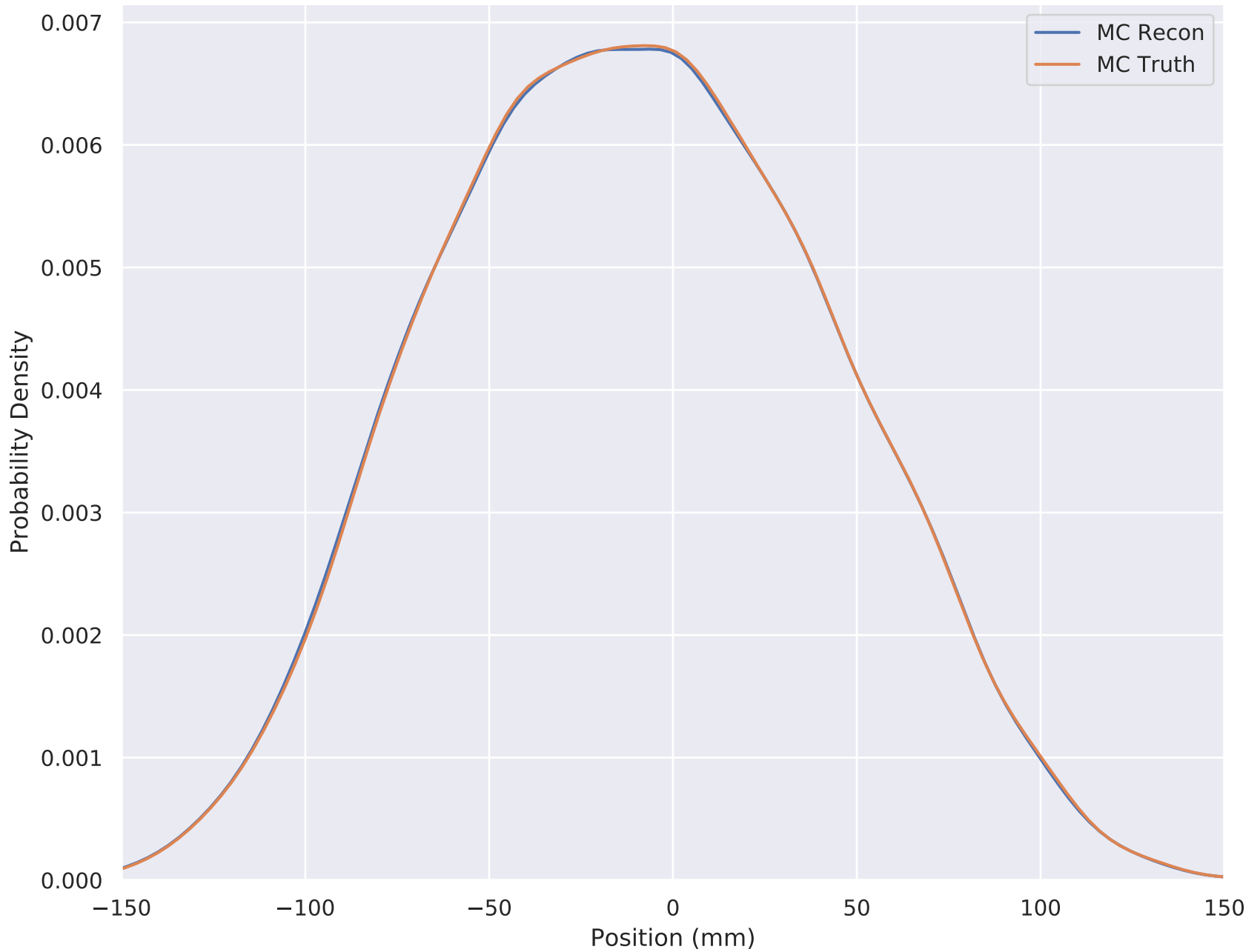




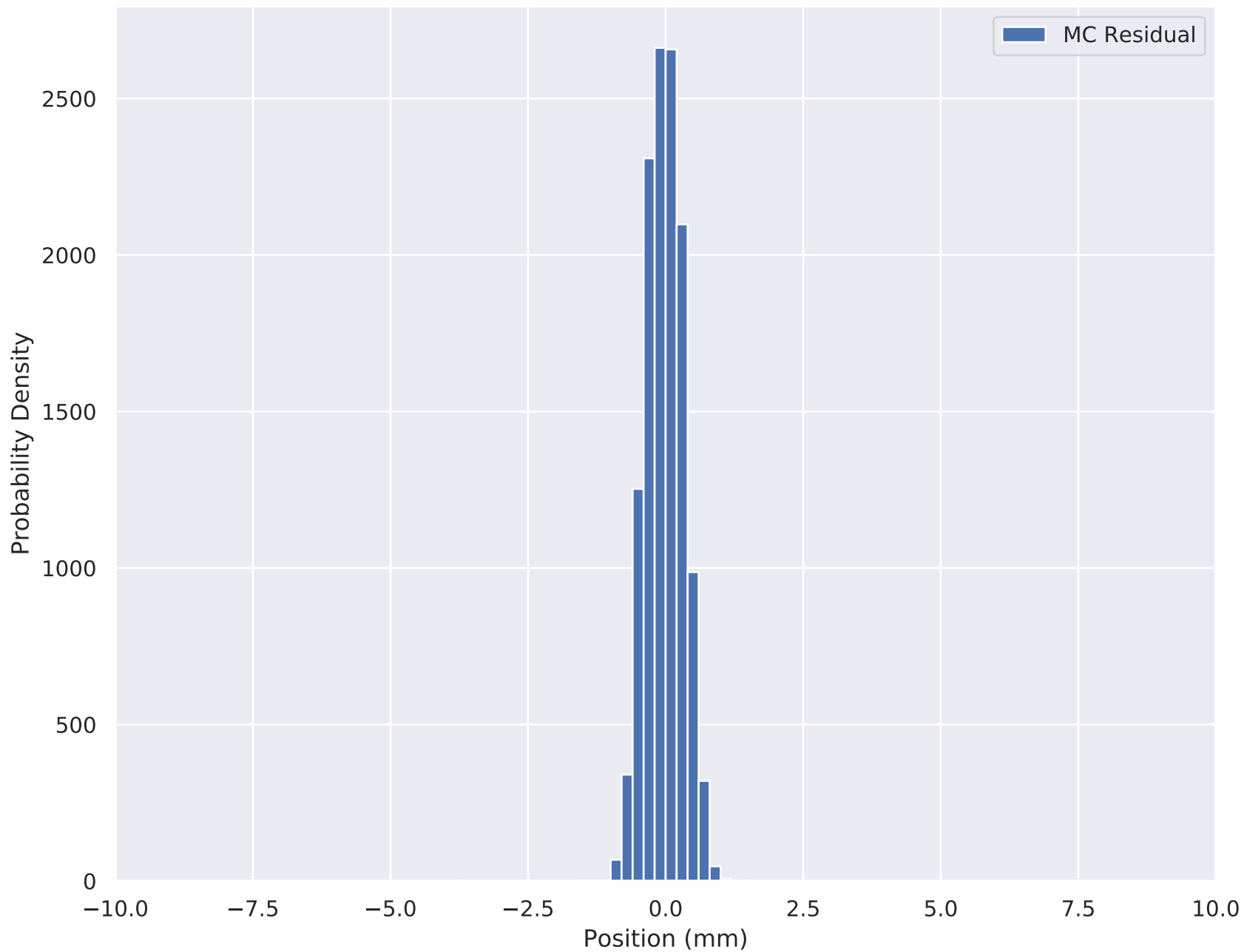
6-140 No Absorber Flip X Position (Downstream cut) TKD S5



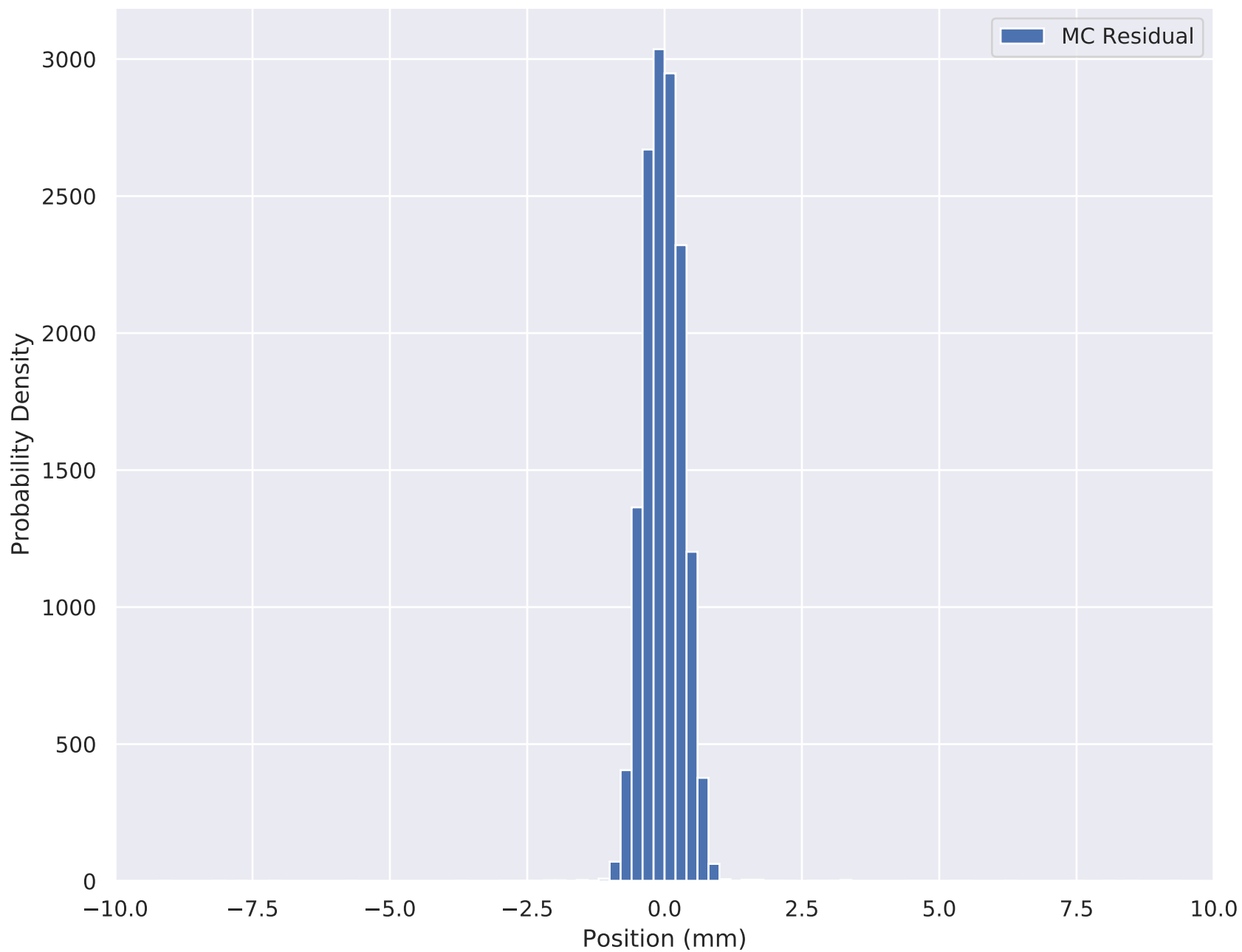
6-140 No Absorber Solenoid X Position (Downstream cut) TKD S5



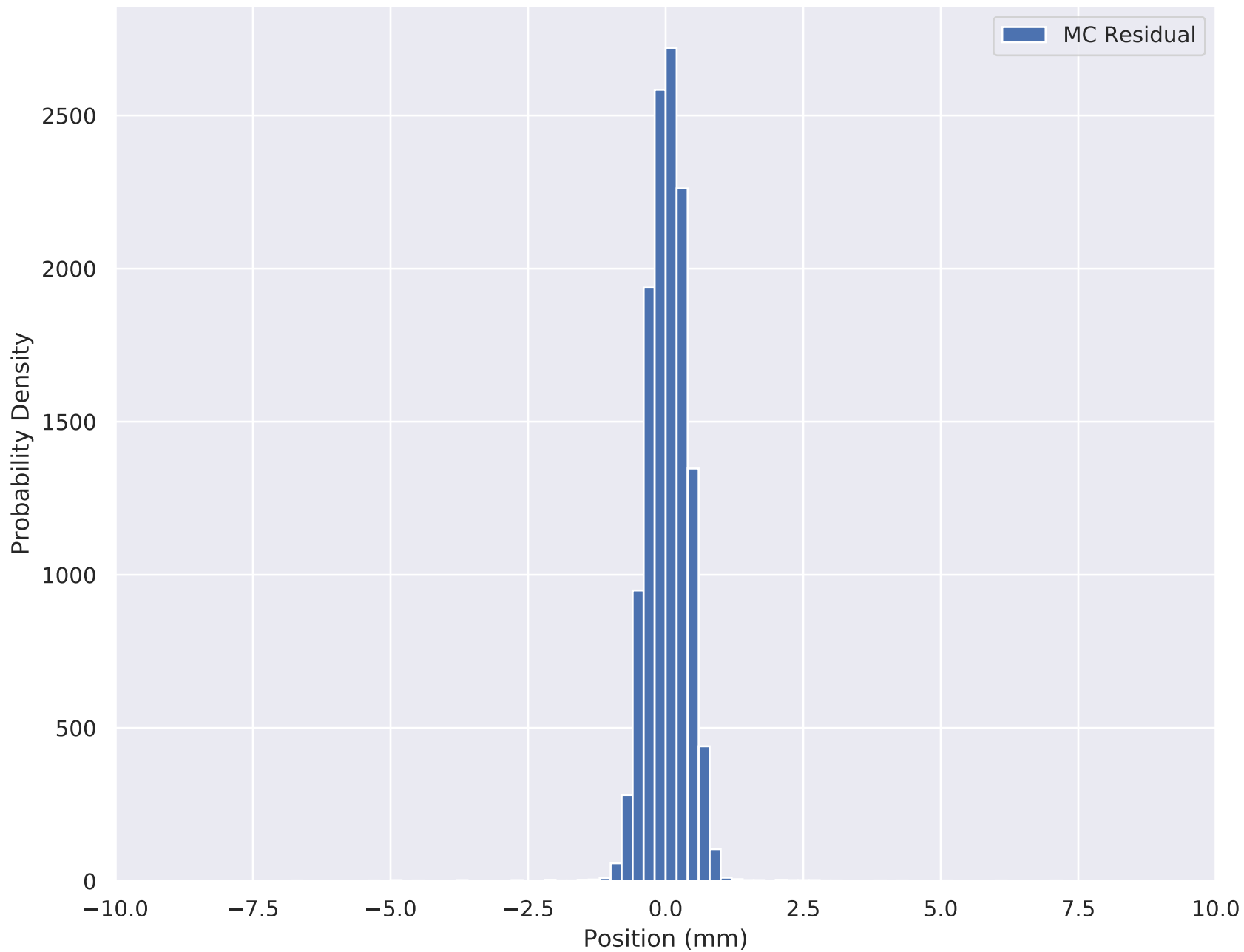
6-140 No Absorber Flip X Residual (Downstream cut) TKU S5



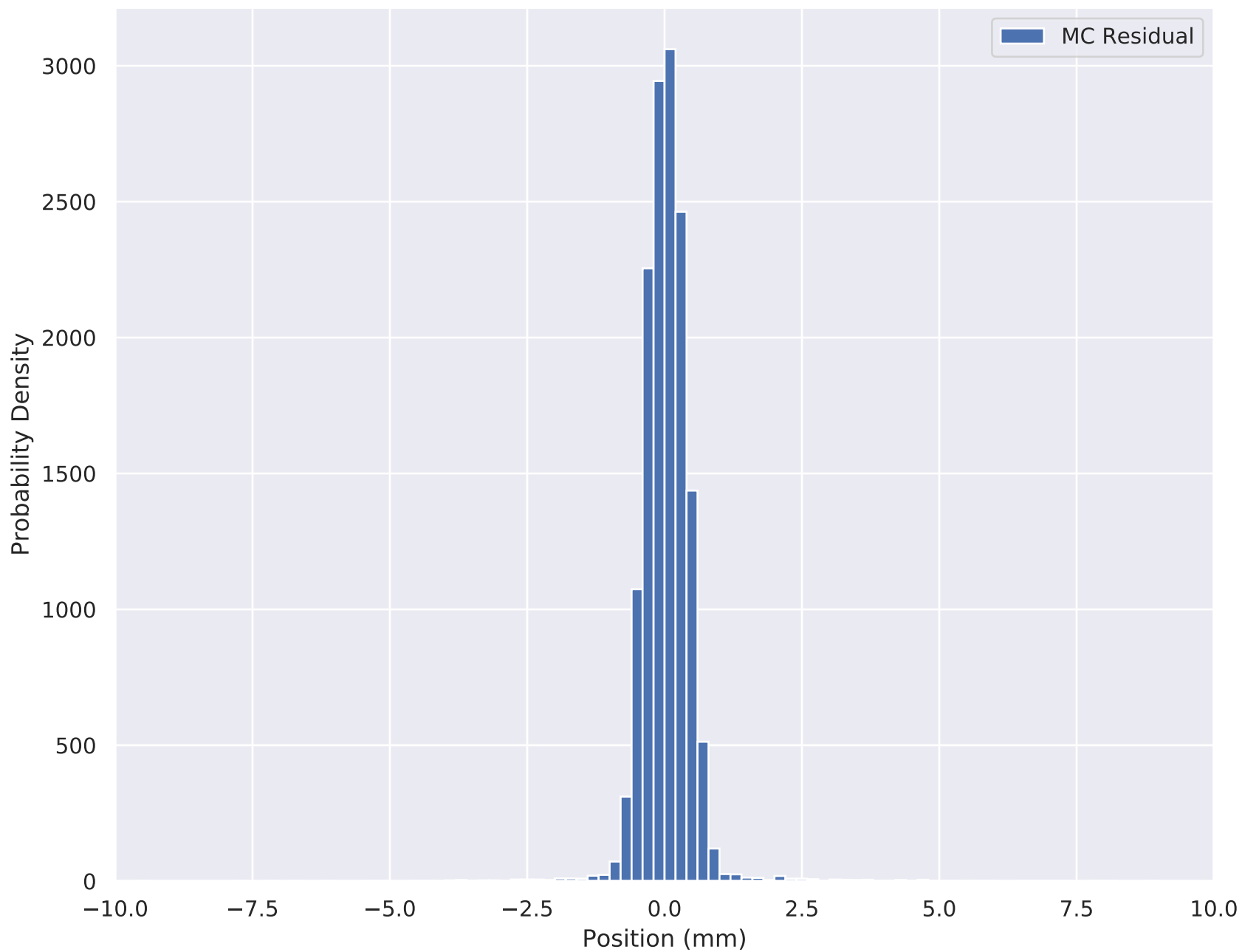
6-140 No Absorber Solenoid X Residual (Downstream cut) TKU S5



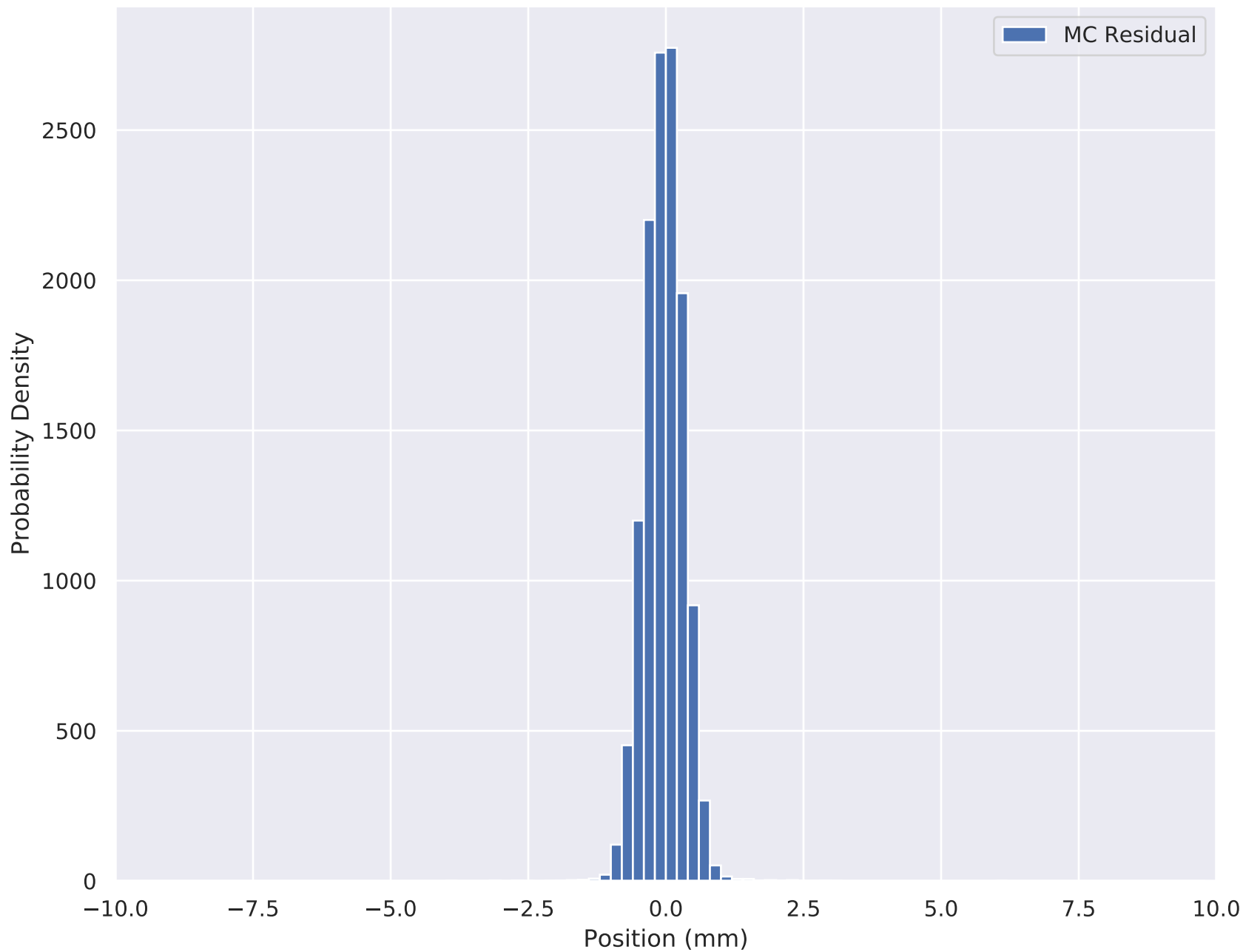
6-140 No Absorber Flip X Residual (Downstream cut) TKU S4



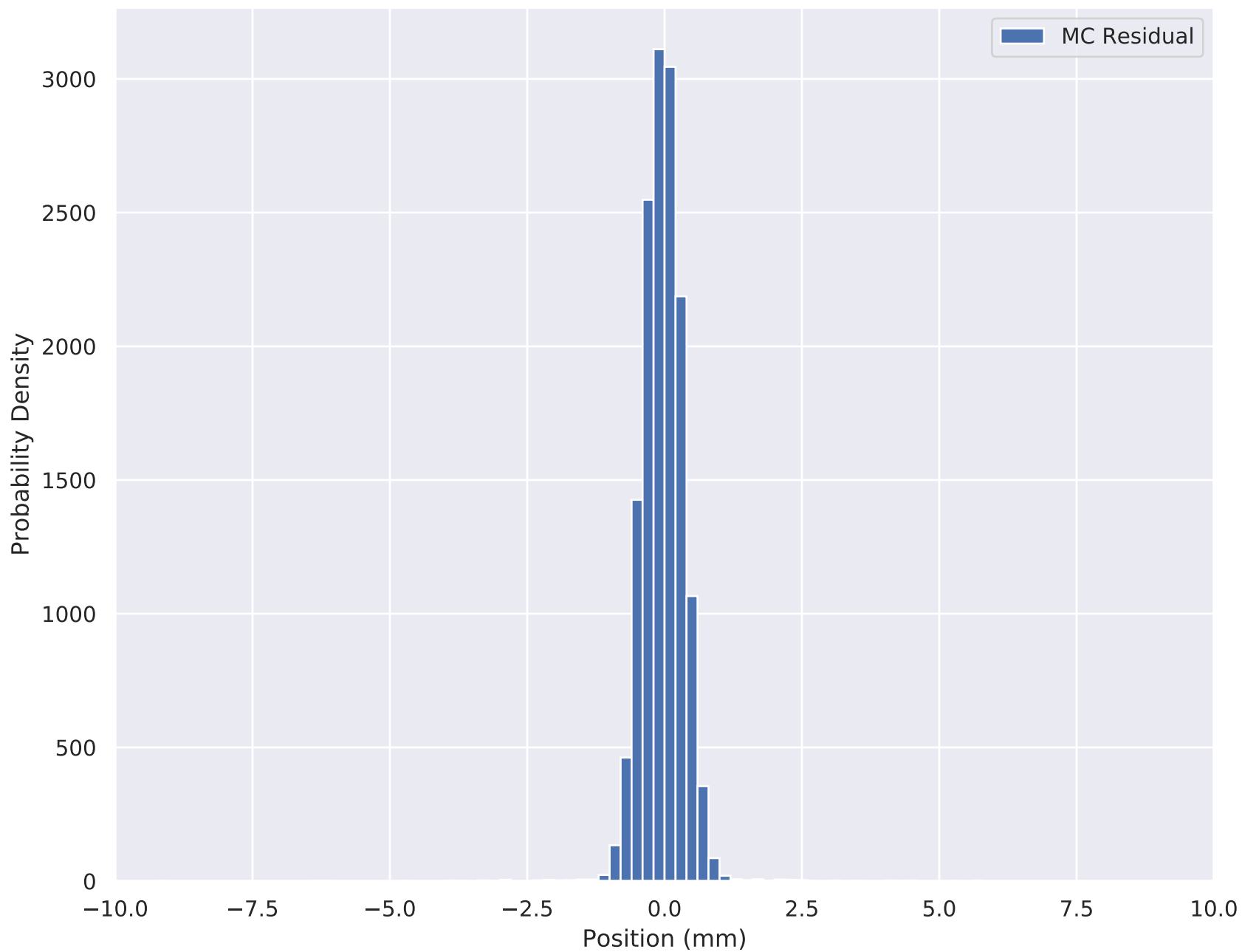
6-140 No Absorber Solenoid X Residual (Downstream cut) TKU S4



6-140 No Absorber Flip X Residual (Downstream cut) TKU S3

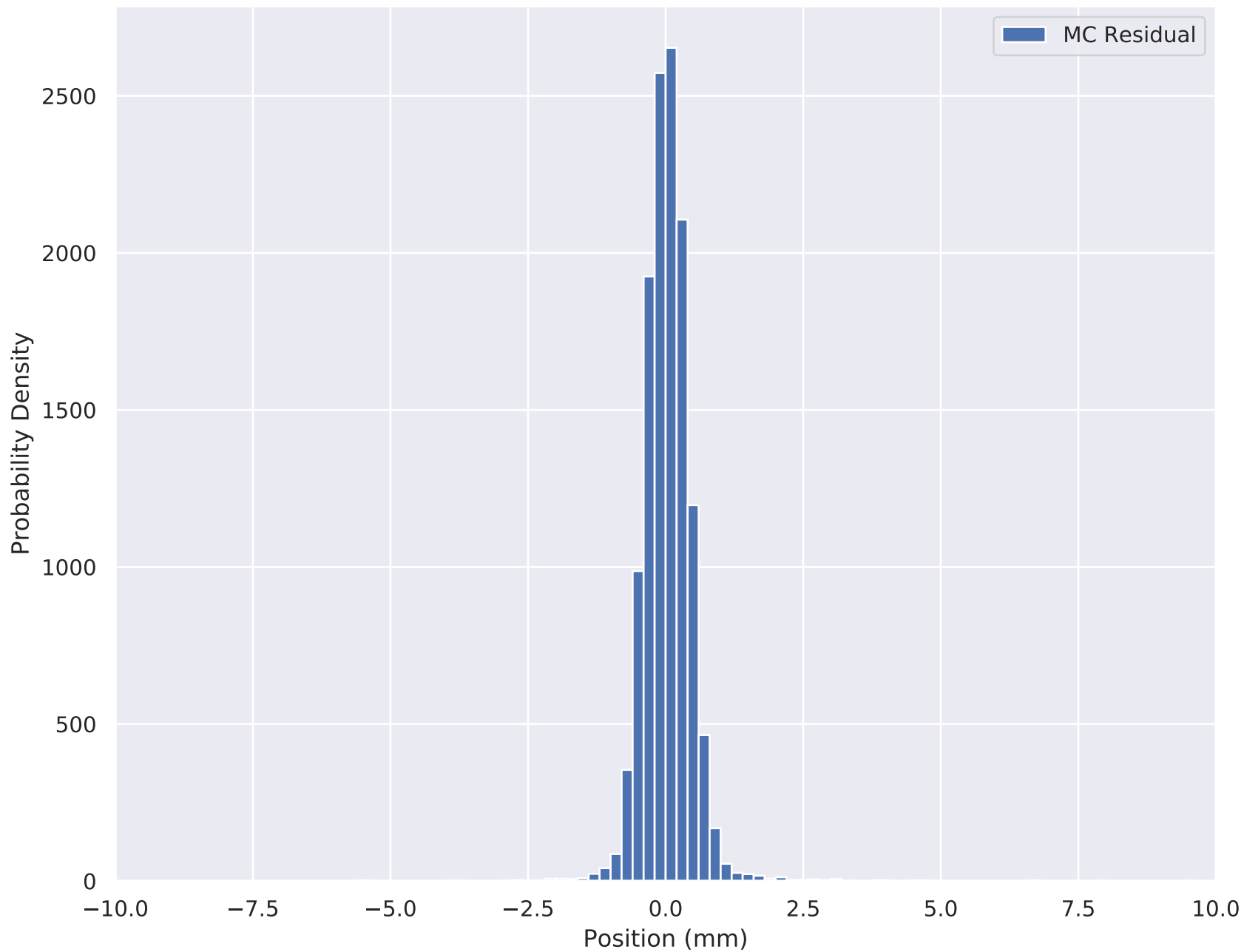


6-140 No Absorber Solenoid X Residual (Downstream cut) TKU S3

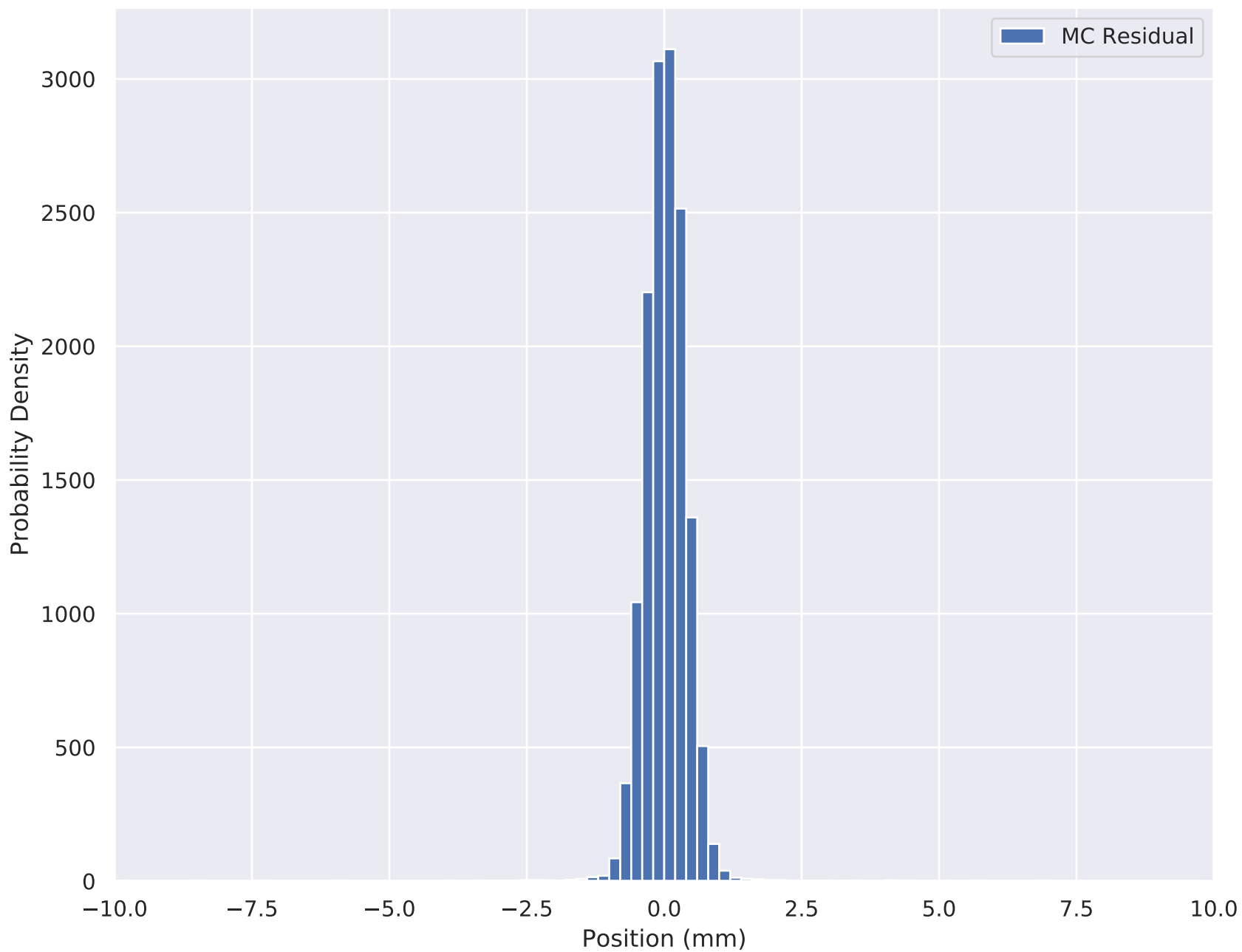




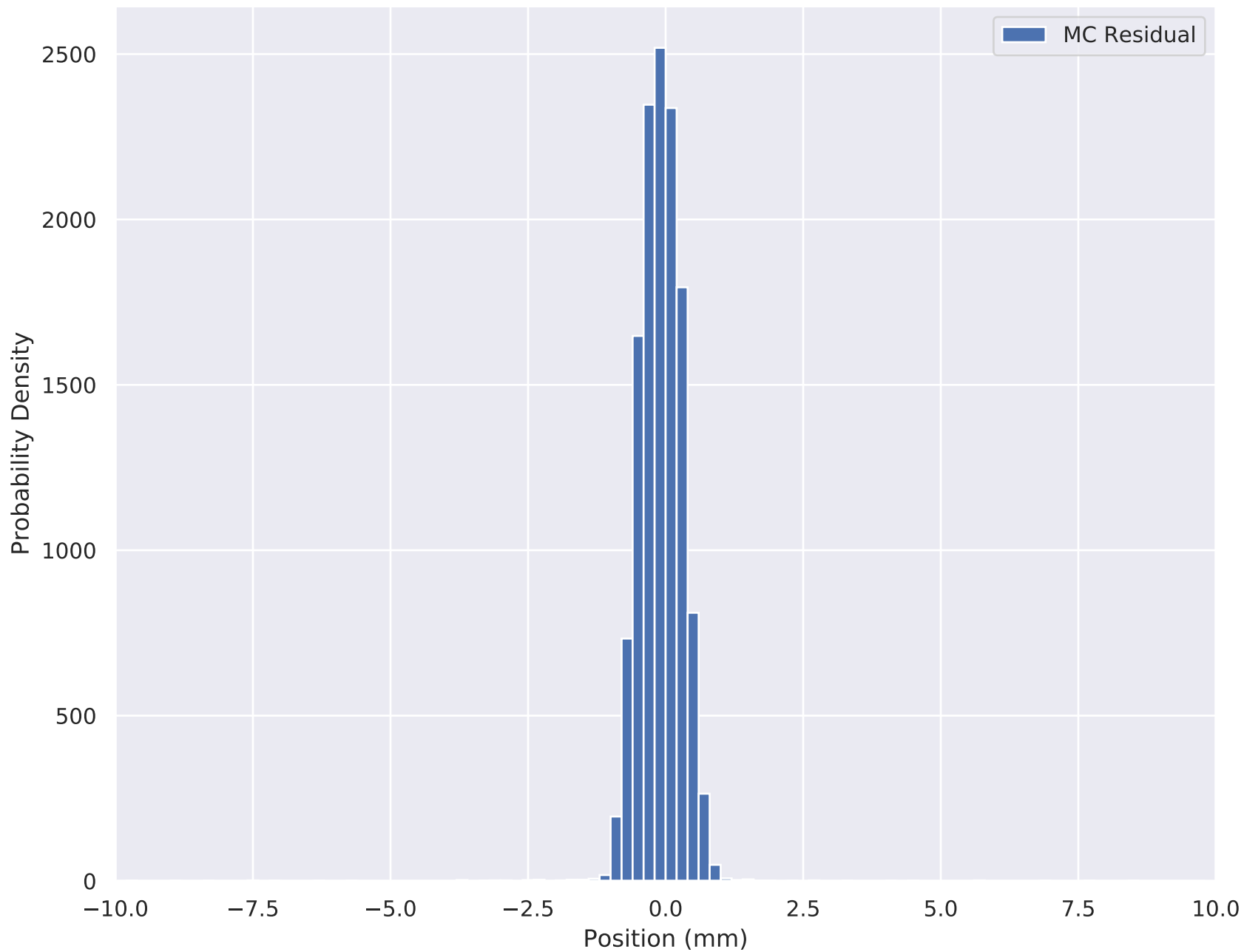
6-140 No Absorber Flip X Residual (Downstream cut) TKU S2



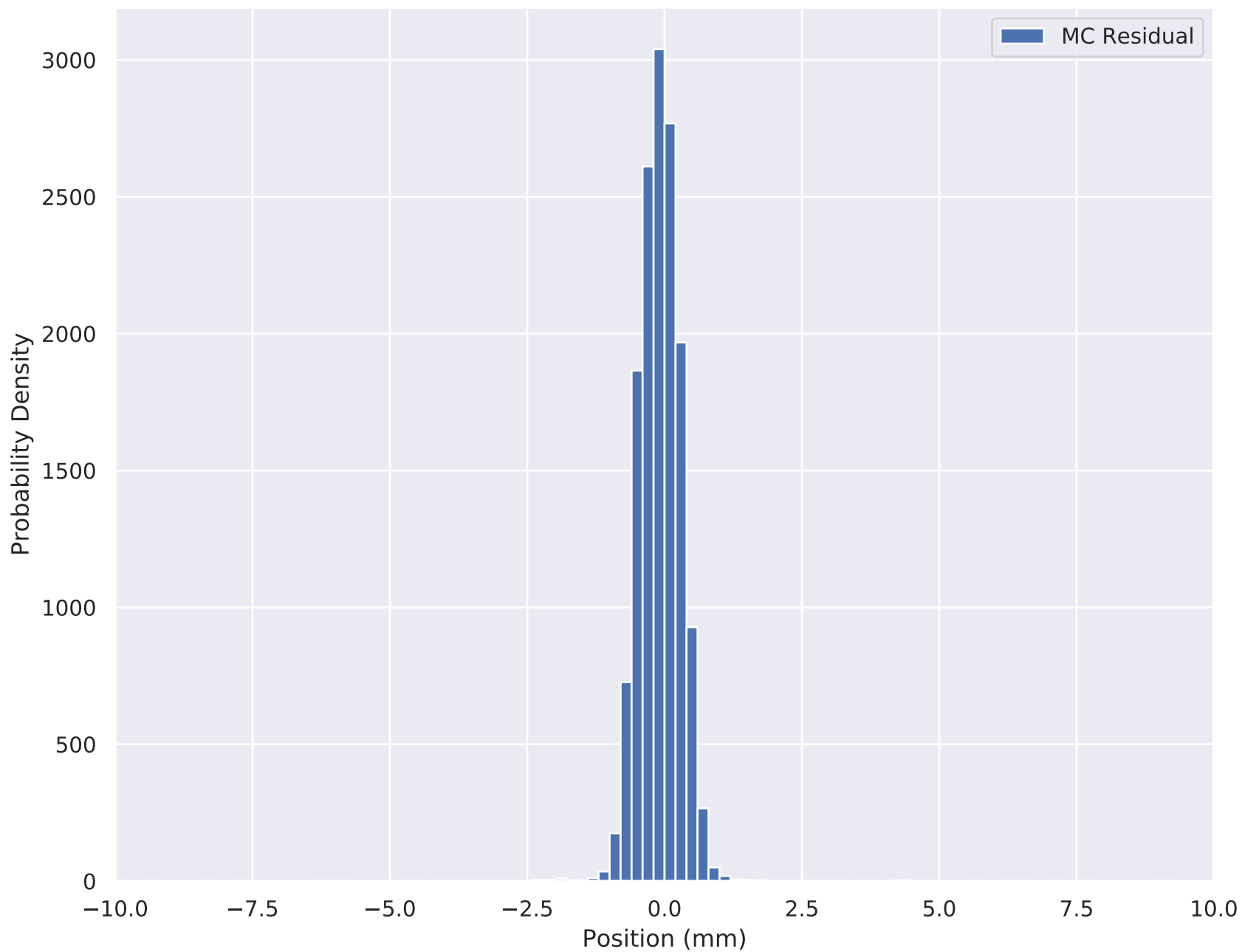
6-140 No Absorber Solenoid X Residual (Downstream cut) TKU S2



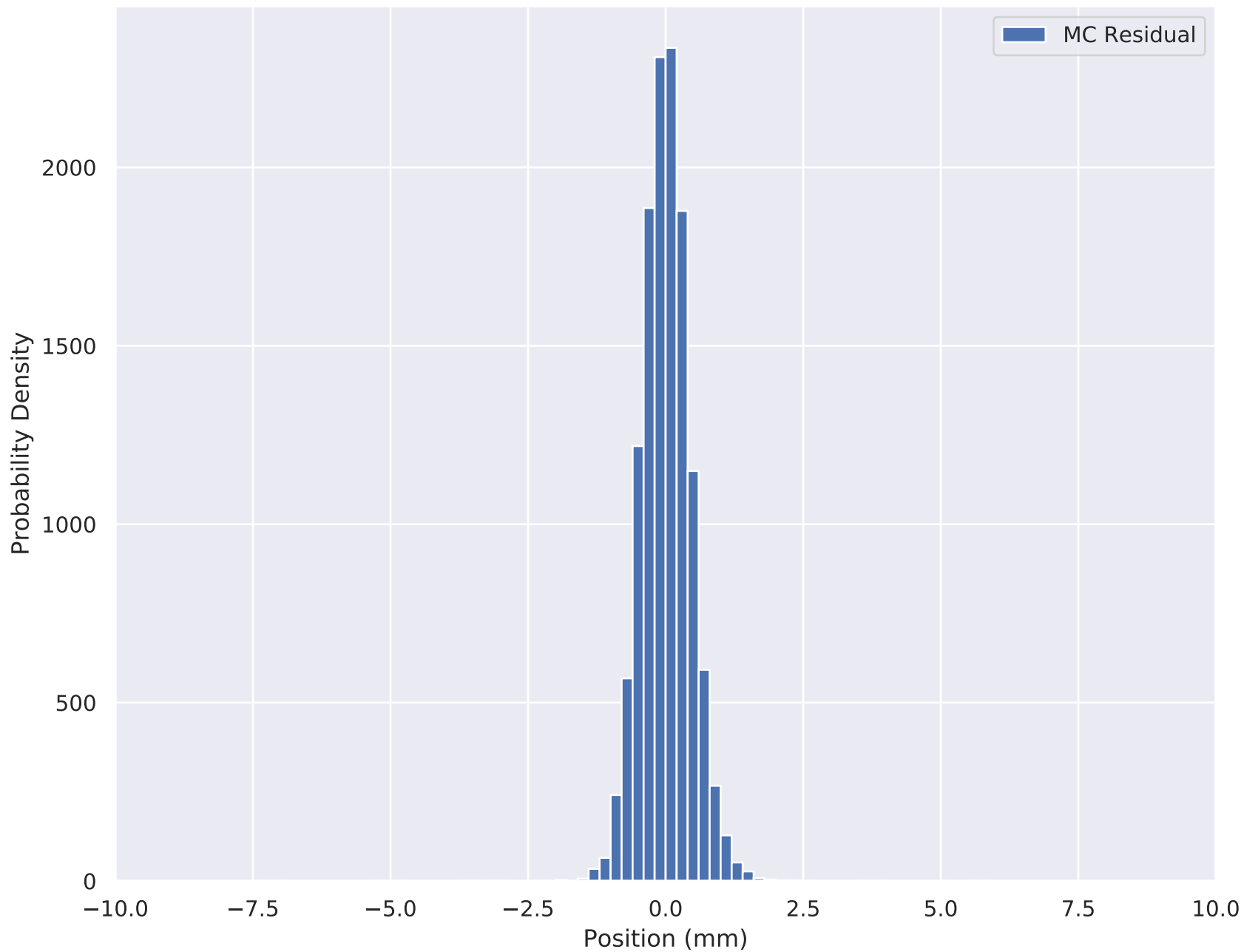
6-140 No Absorber Flip X Residual (Downstream cut) TKU S1



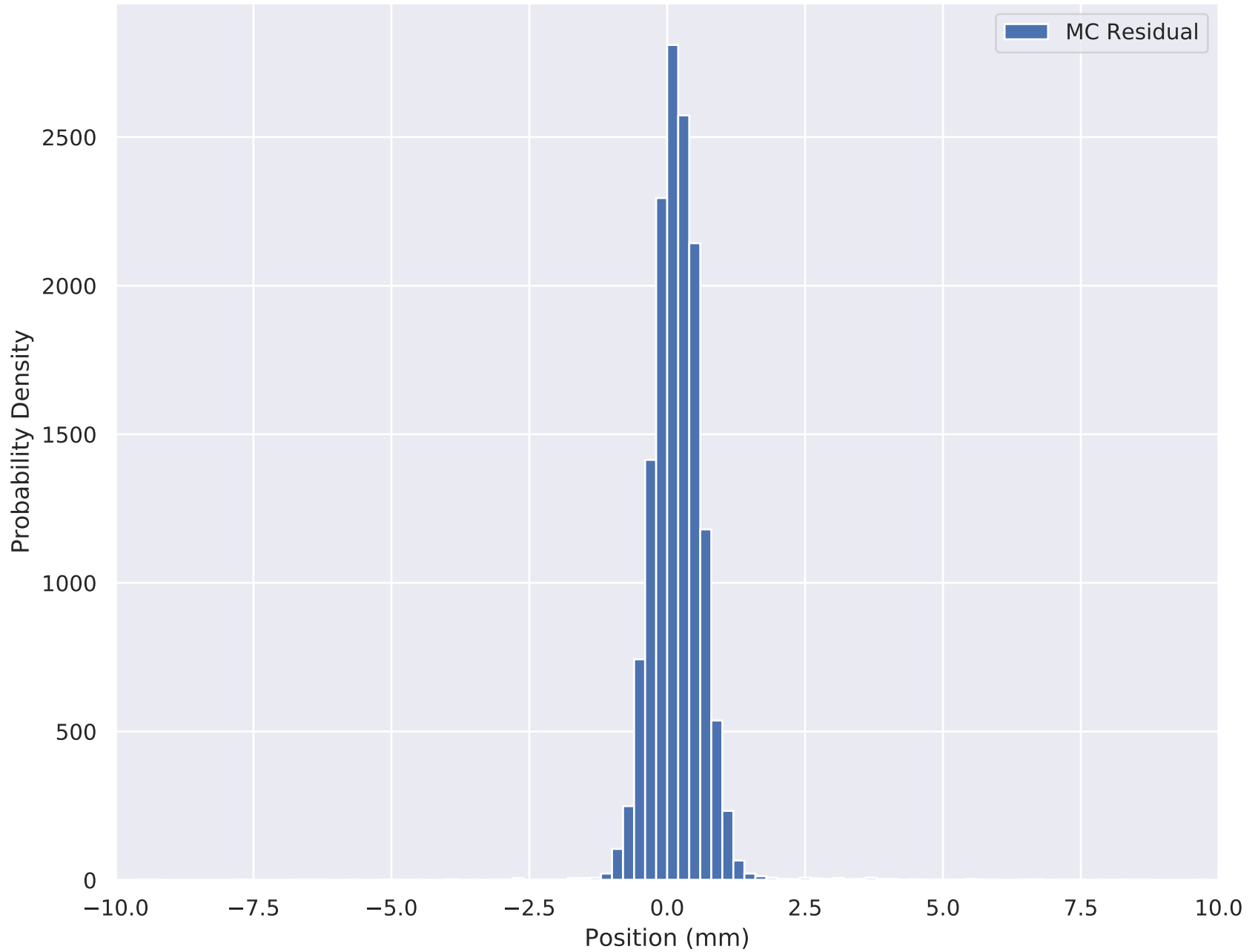
6-140 No Absorber Solenoid X Residual (Downstream cut) TKU S1



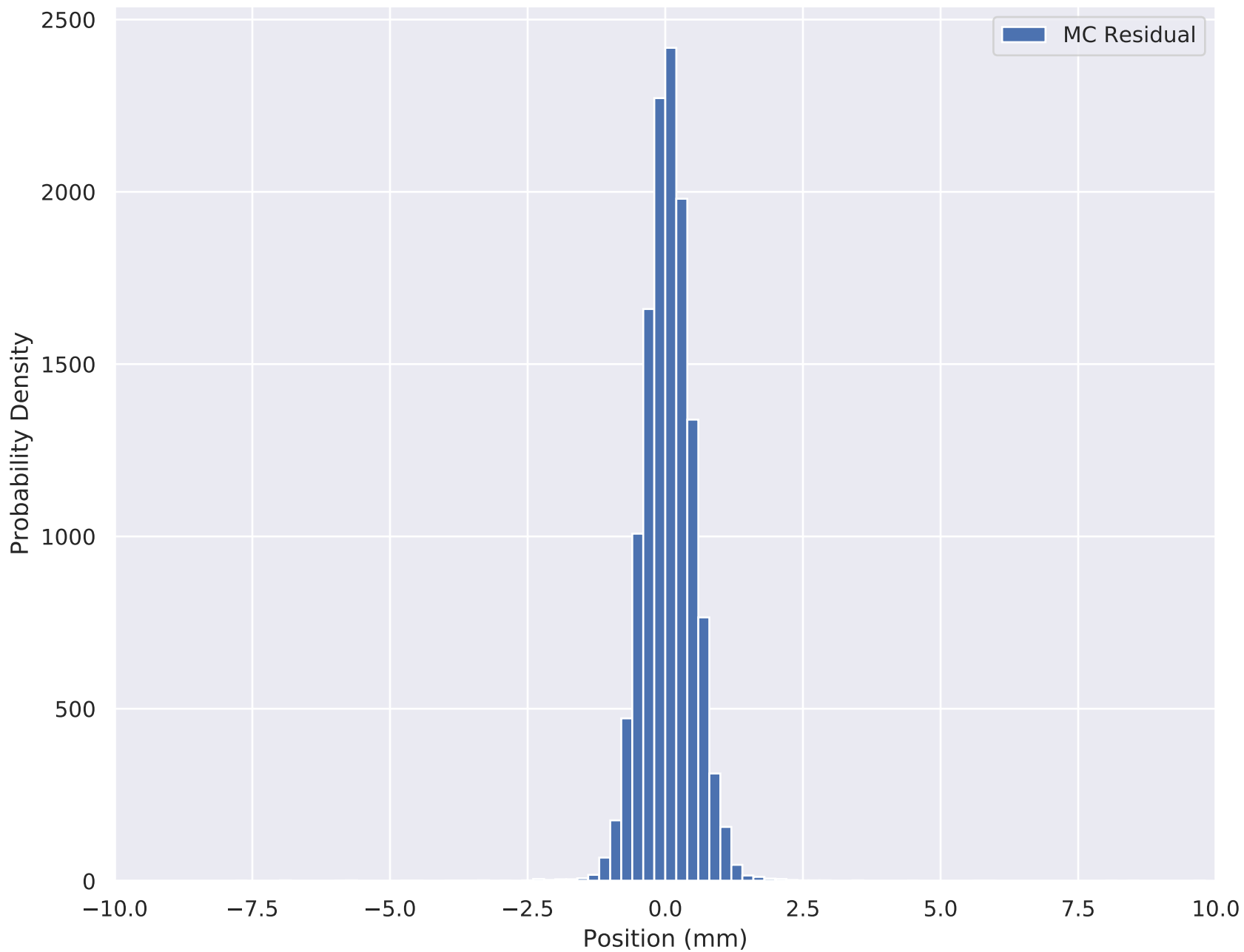
6-140 No Absorber Flip X Residual (Downstream cut) TKD S1



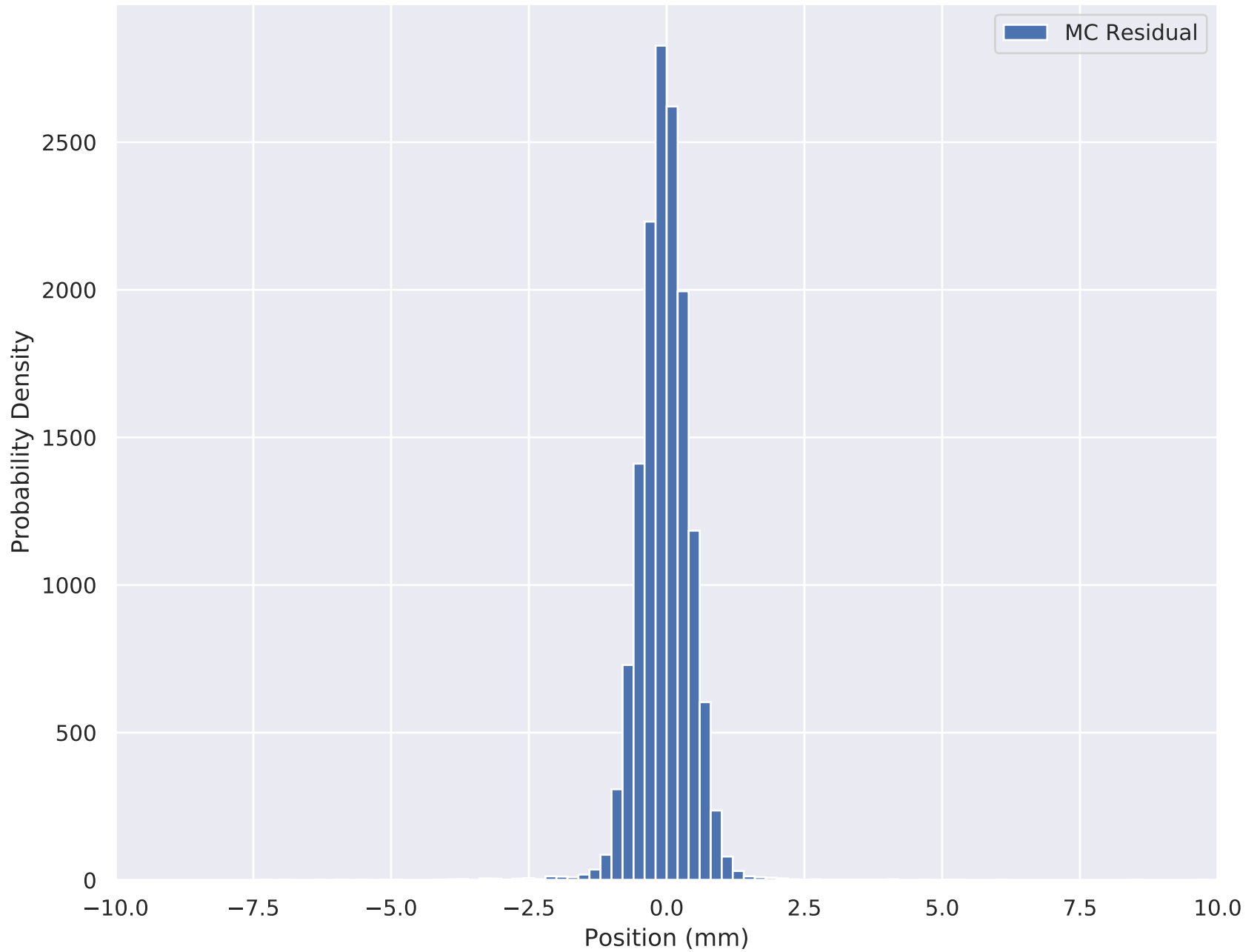
6-140 No Absorber Solenoid X Residual (Downstream cut) TKD S1



6-140 No Absorber Flip X Residual (Downstream cut) TKD S2

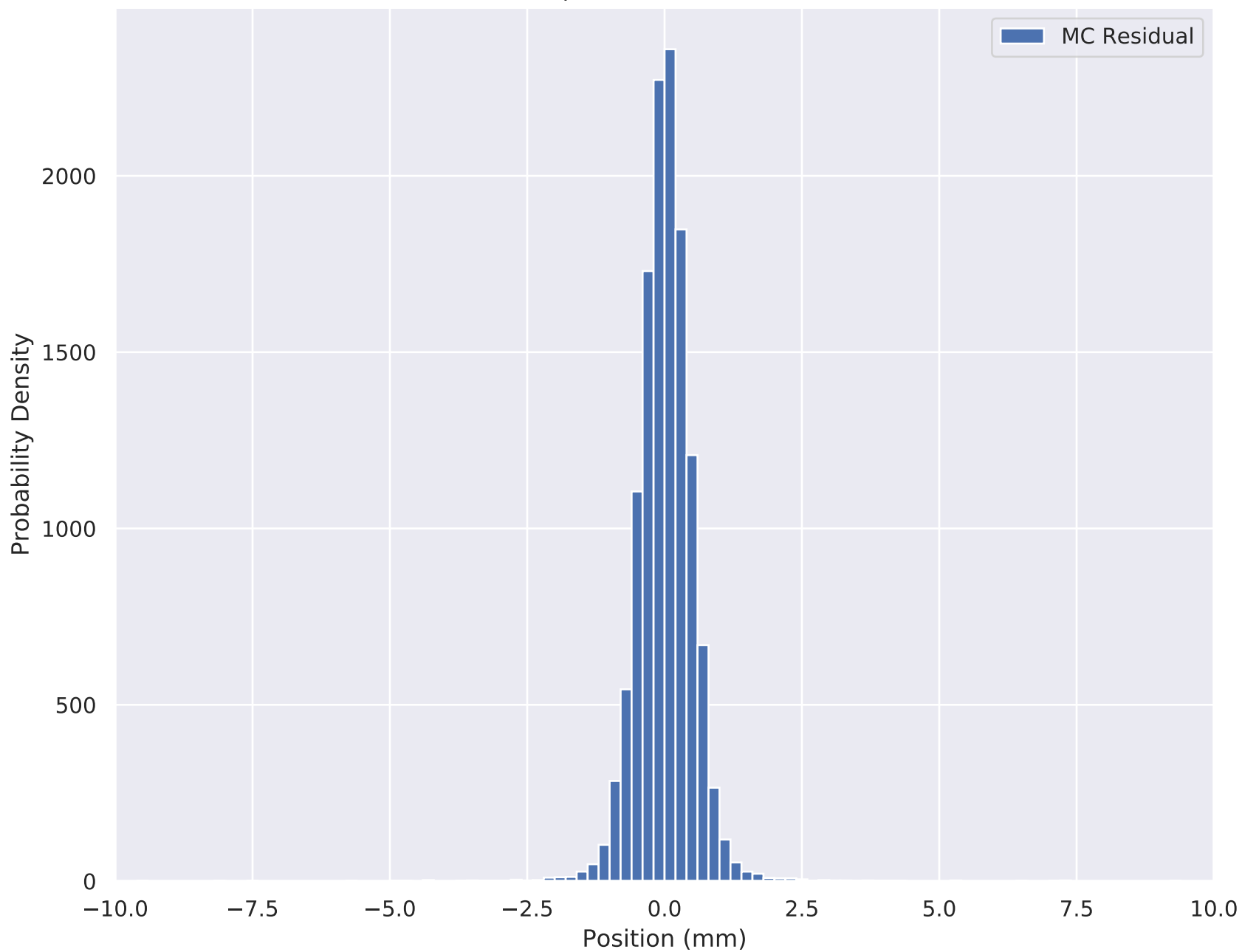


6-140 No Absorber Solenoid X Residual (Downstream cut) TKD S2

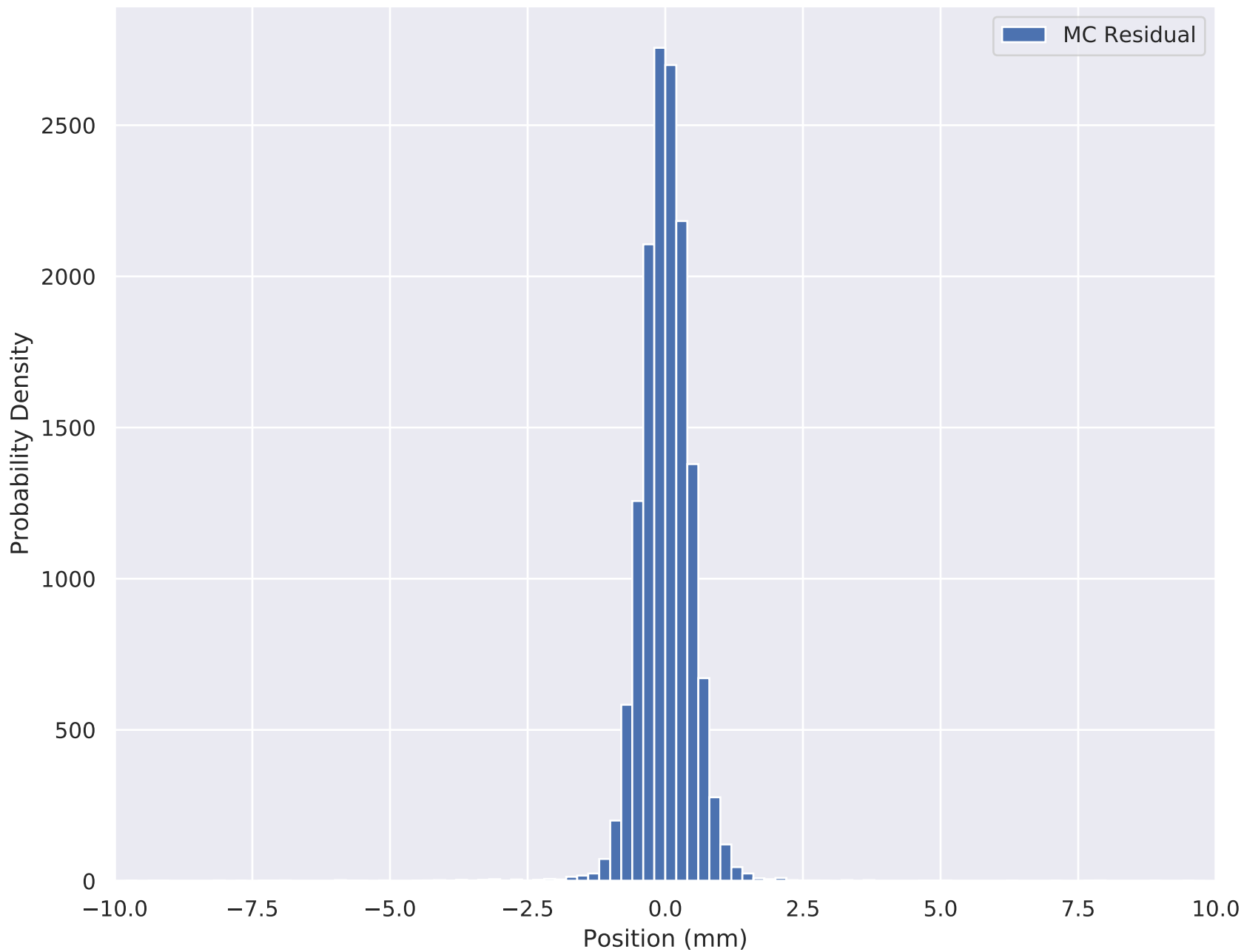




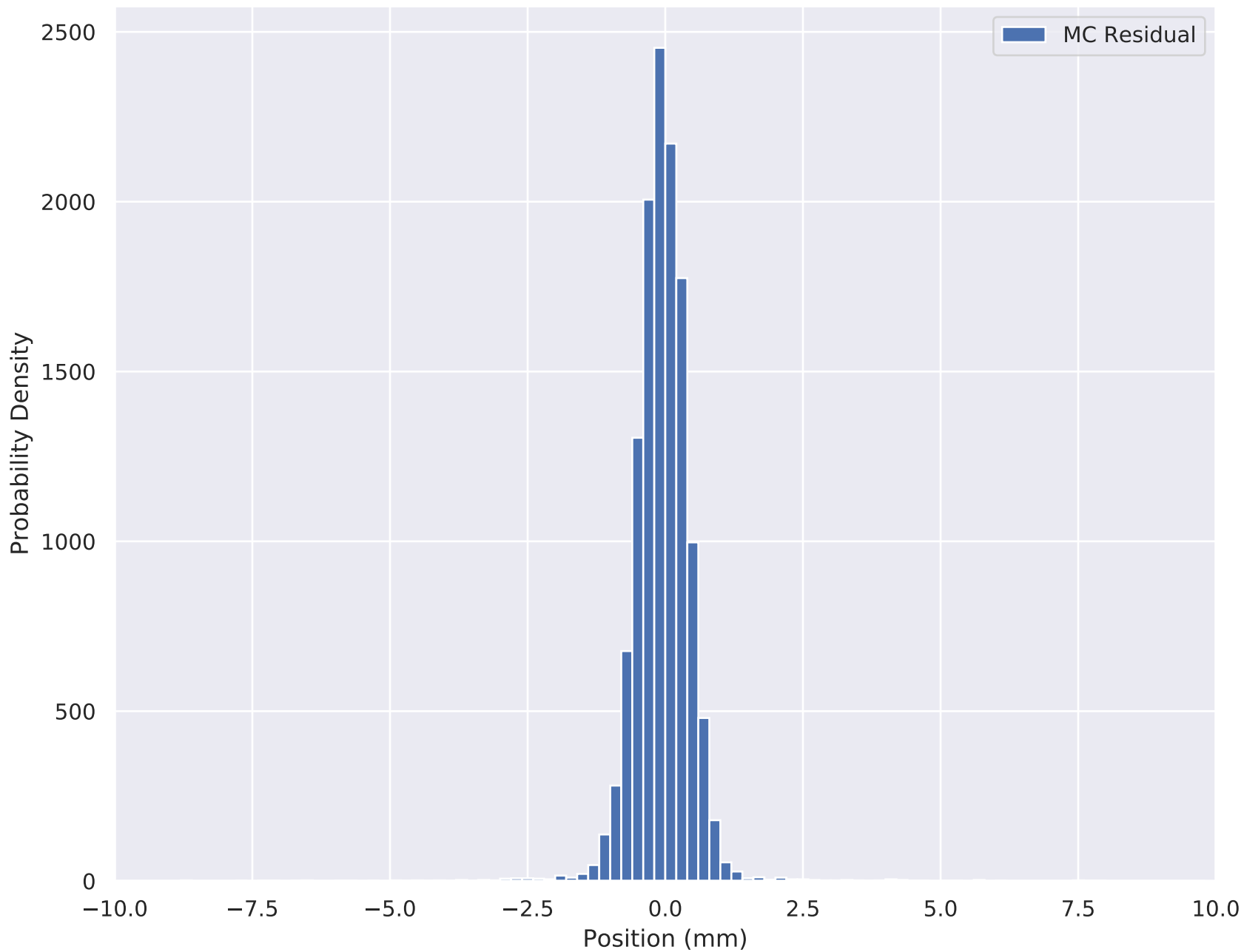
6-140 No Absorber Flip X Residual (Downstream cut) TKD S3



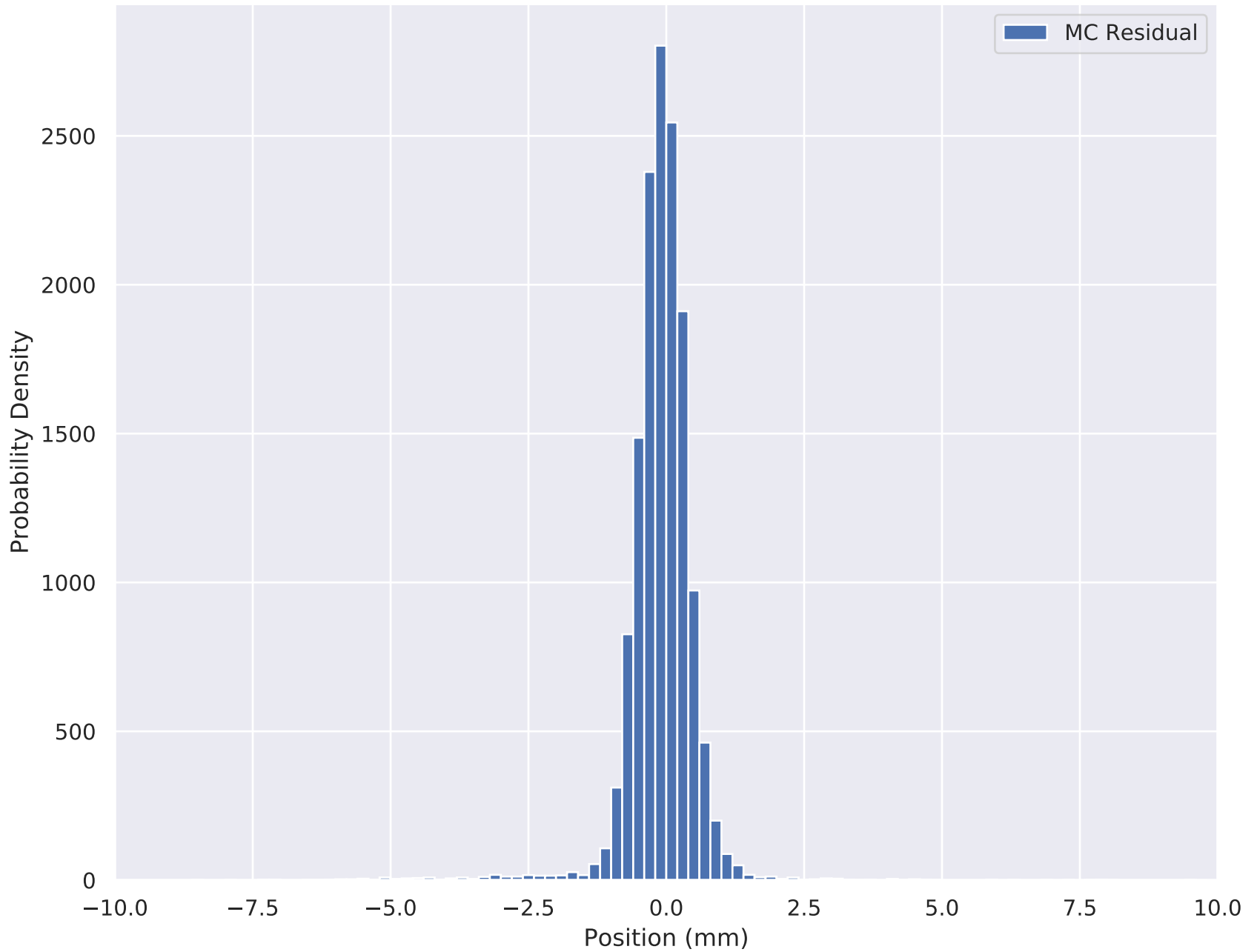
6-140 No Absorber Solenoid X Residual (Downstream cut) TKD S3



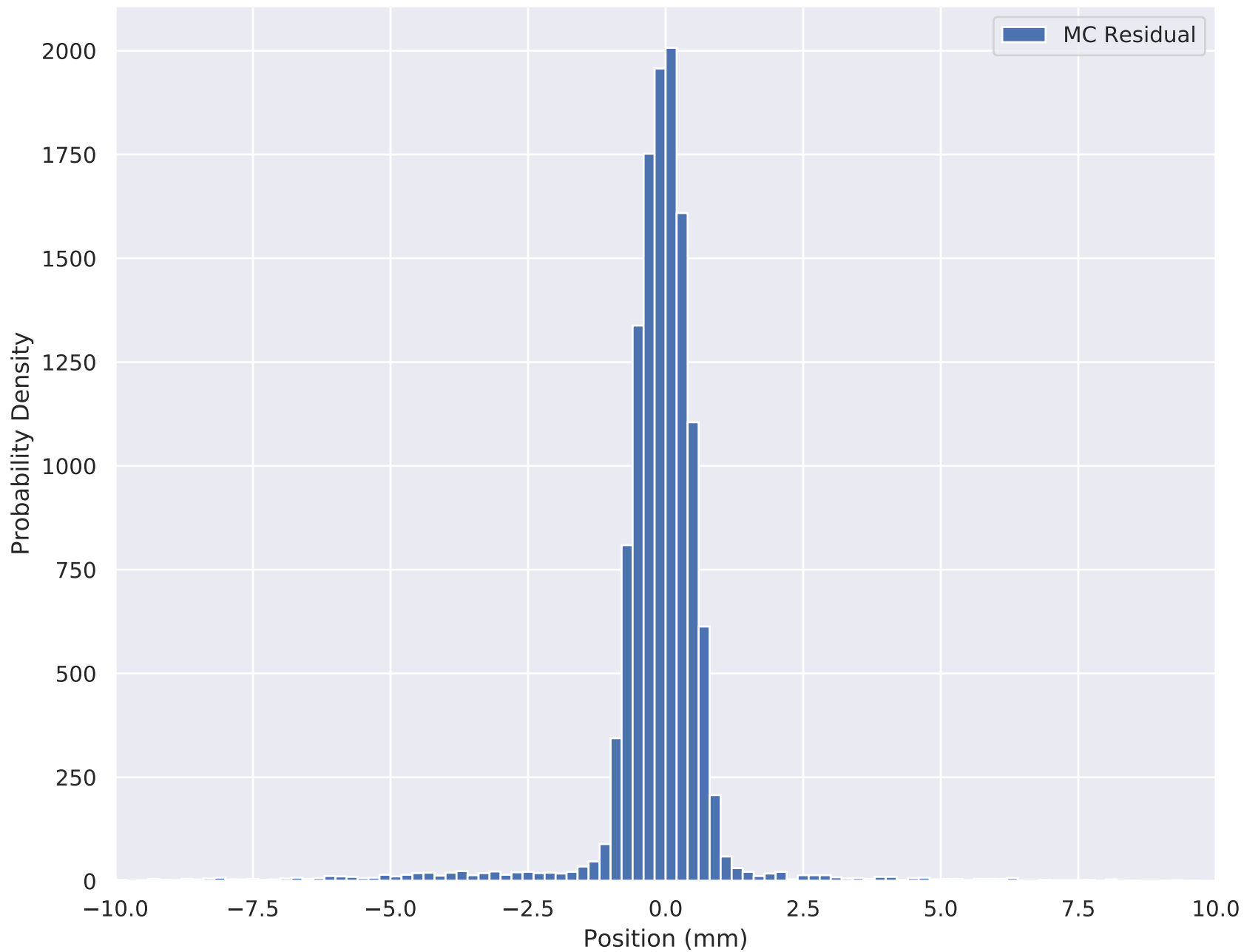
6-140 No Absorber Flip X Residual (Downstream cut) TKD S4



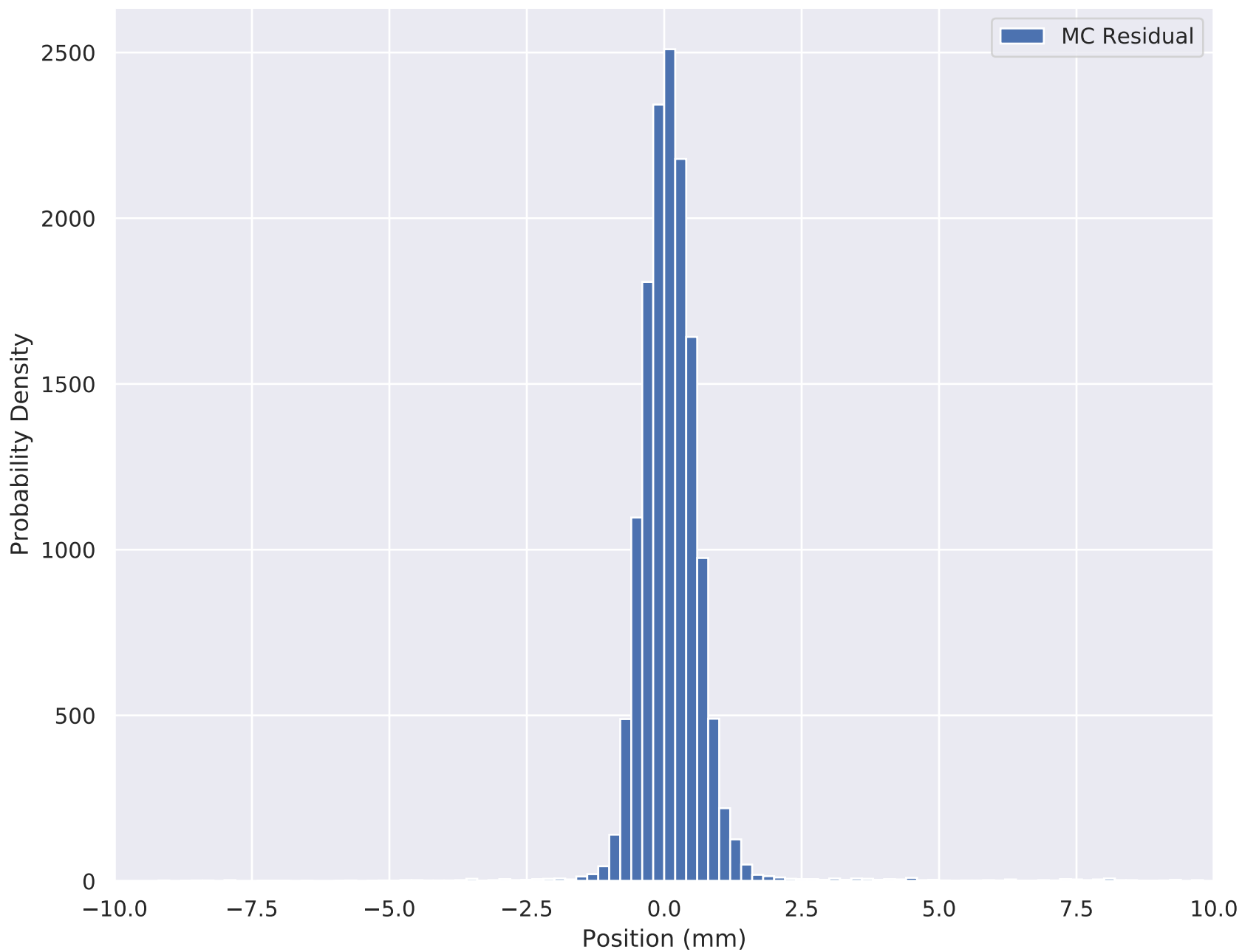
6-140 No Absorber Solenoid X Residual (Downstream cut) TKD S4



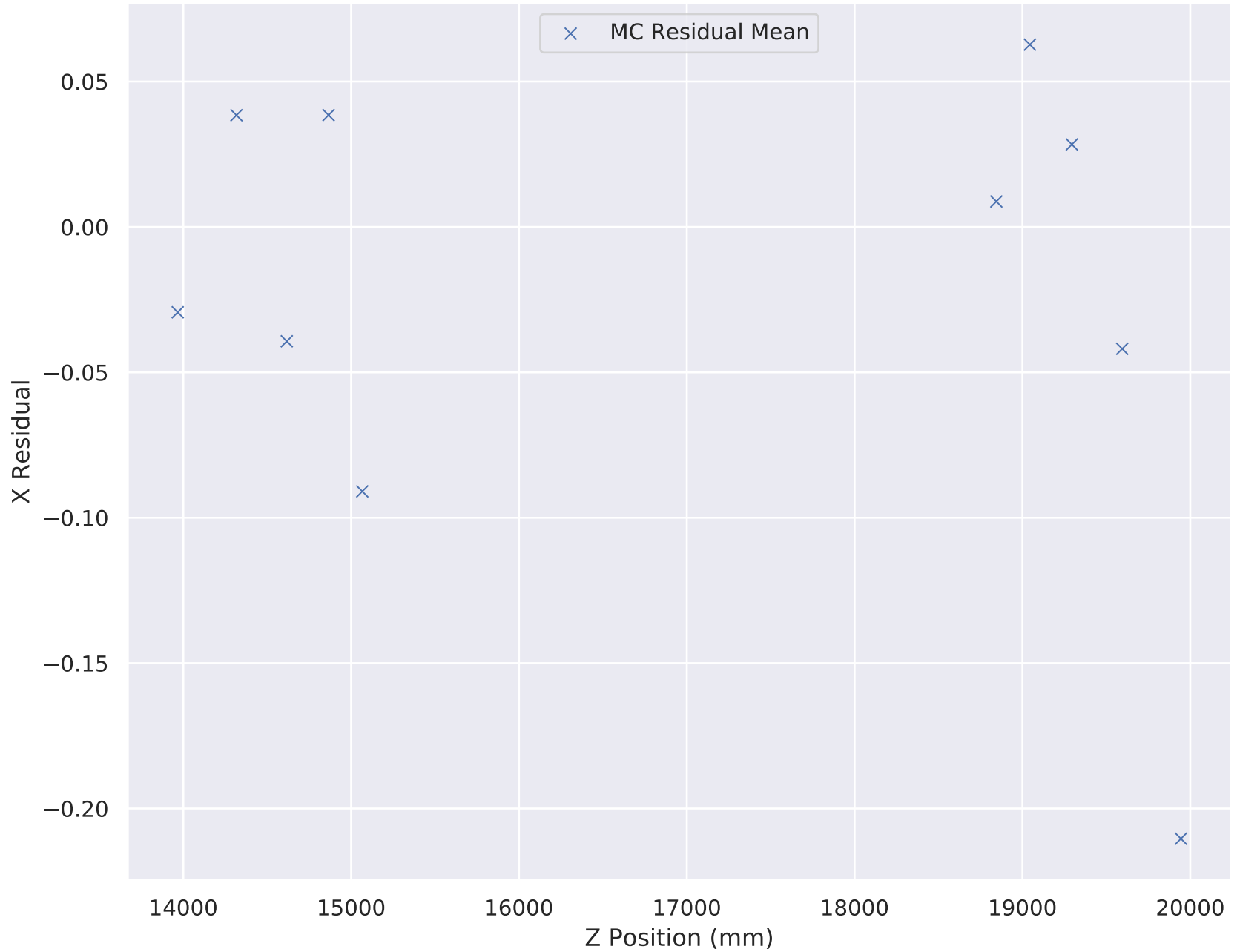
6-140 No Absorber Flip X Residual (Downstream cut) TKD S5



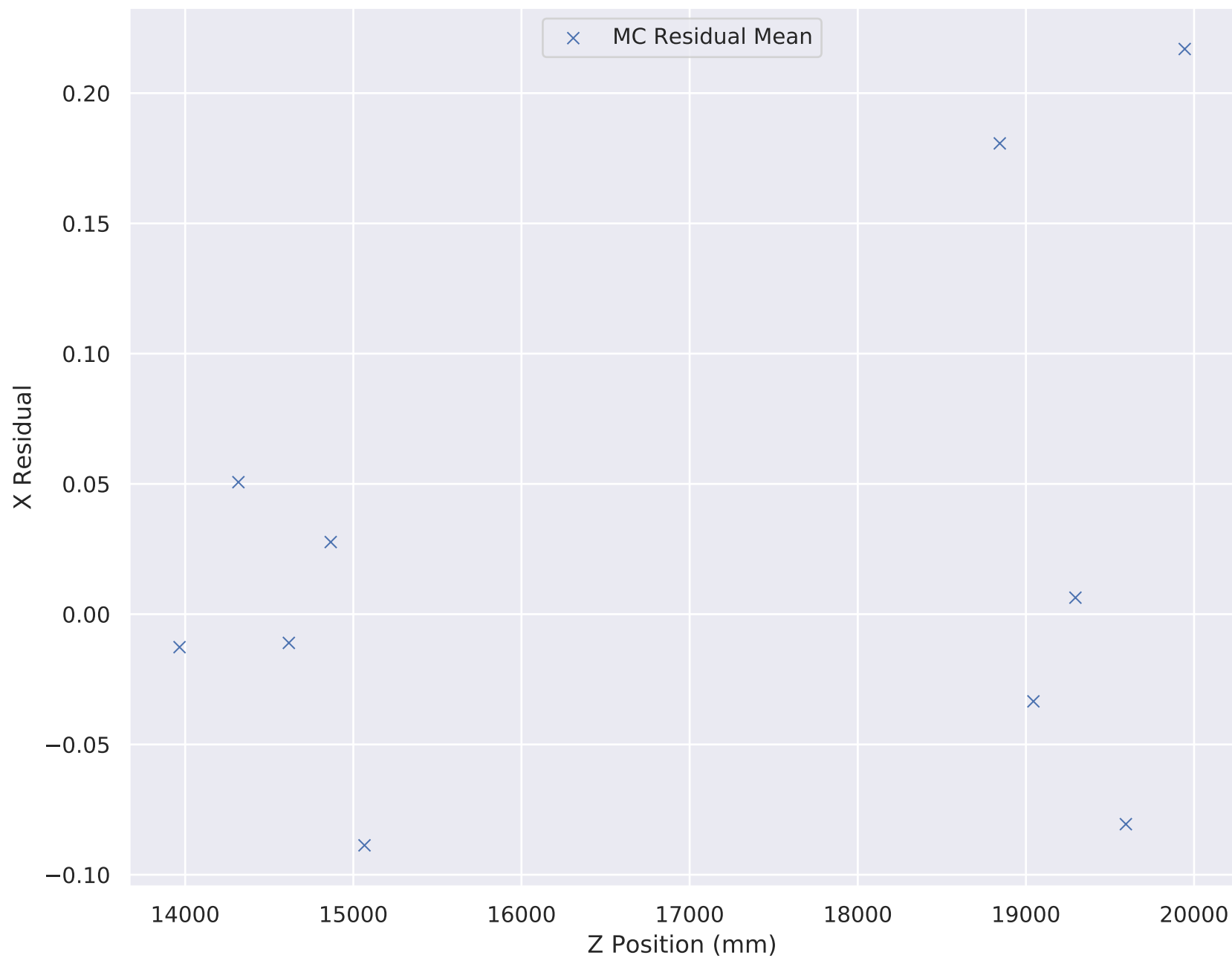
6-140 No Absorber Solenoid X Residual (Downstream cut) TKD S5



6-140 No Absorber Flip X Residual Mean (Downstream cut)

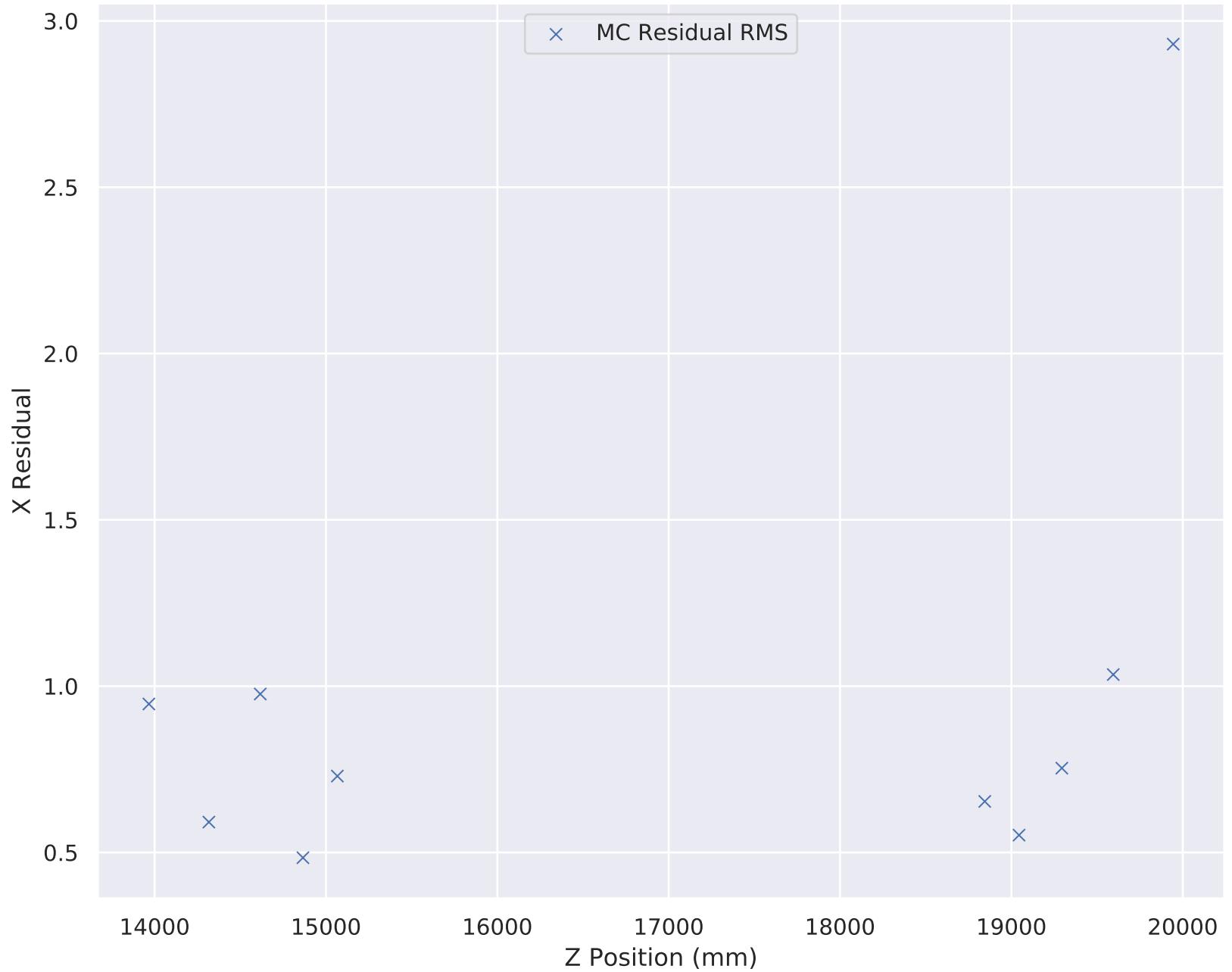


6-140 No Absorber Solenoid X Residual Mean (Downstream cut)

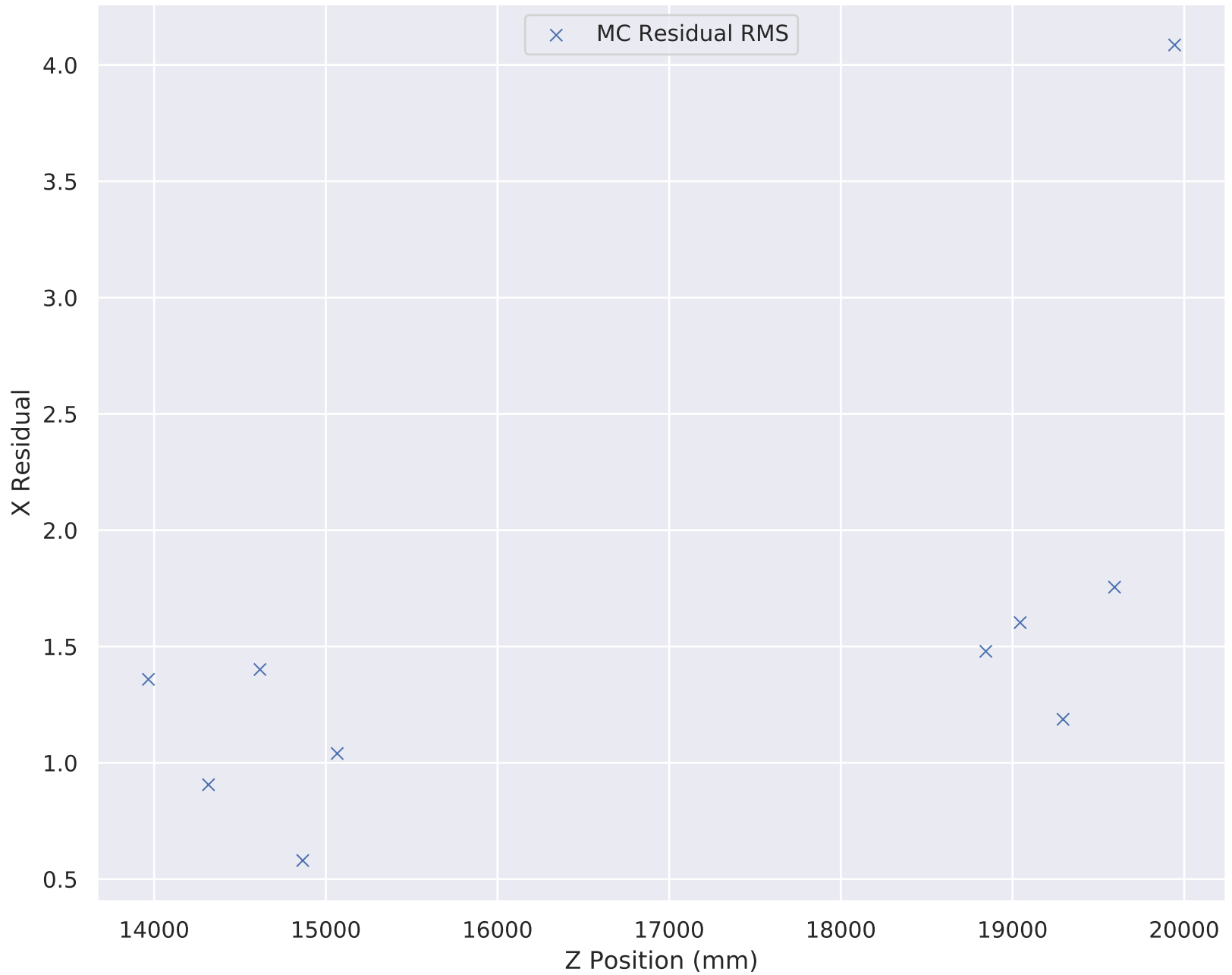




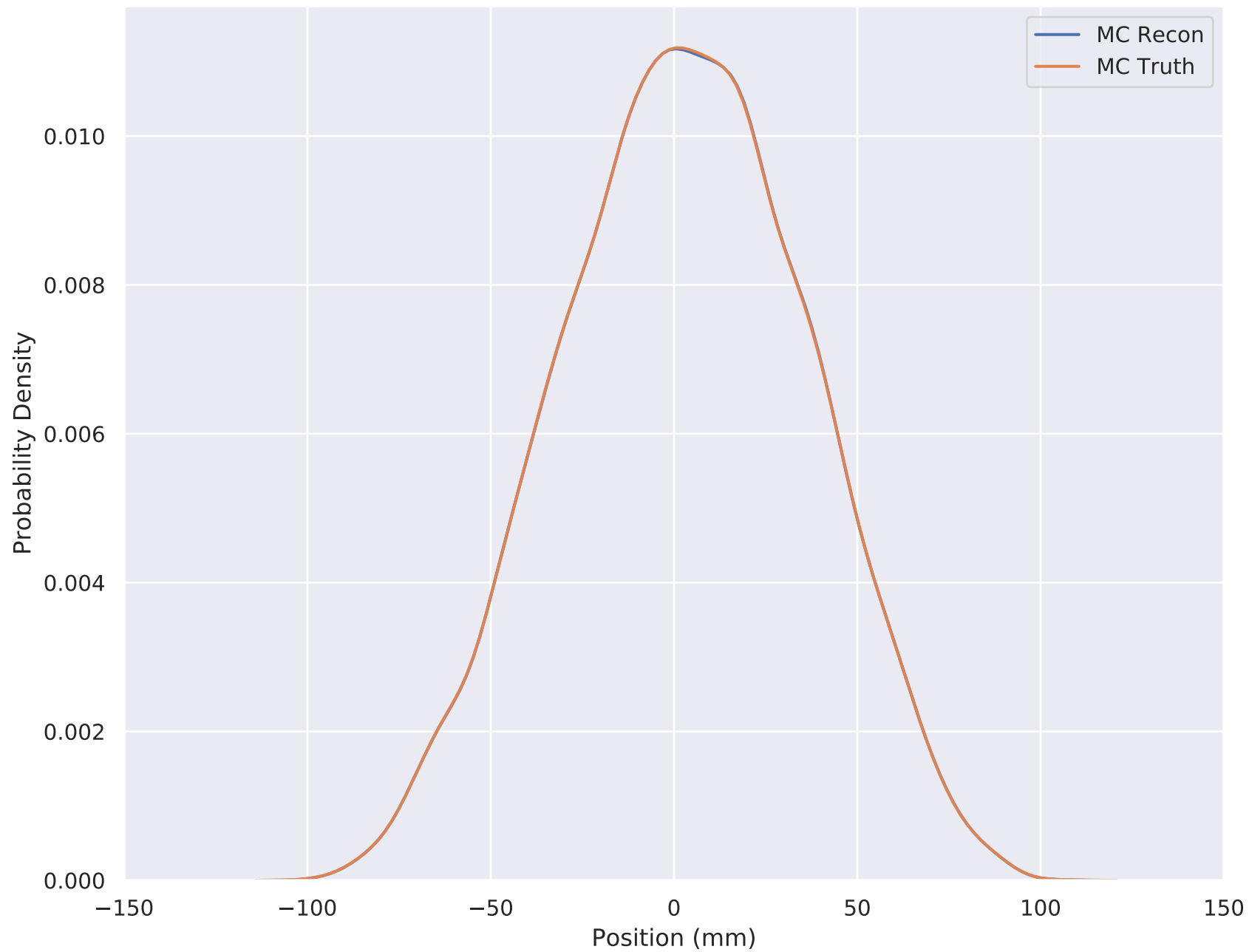
6-140 No Absorber Flip X Residual RMS (Downstream cut)



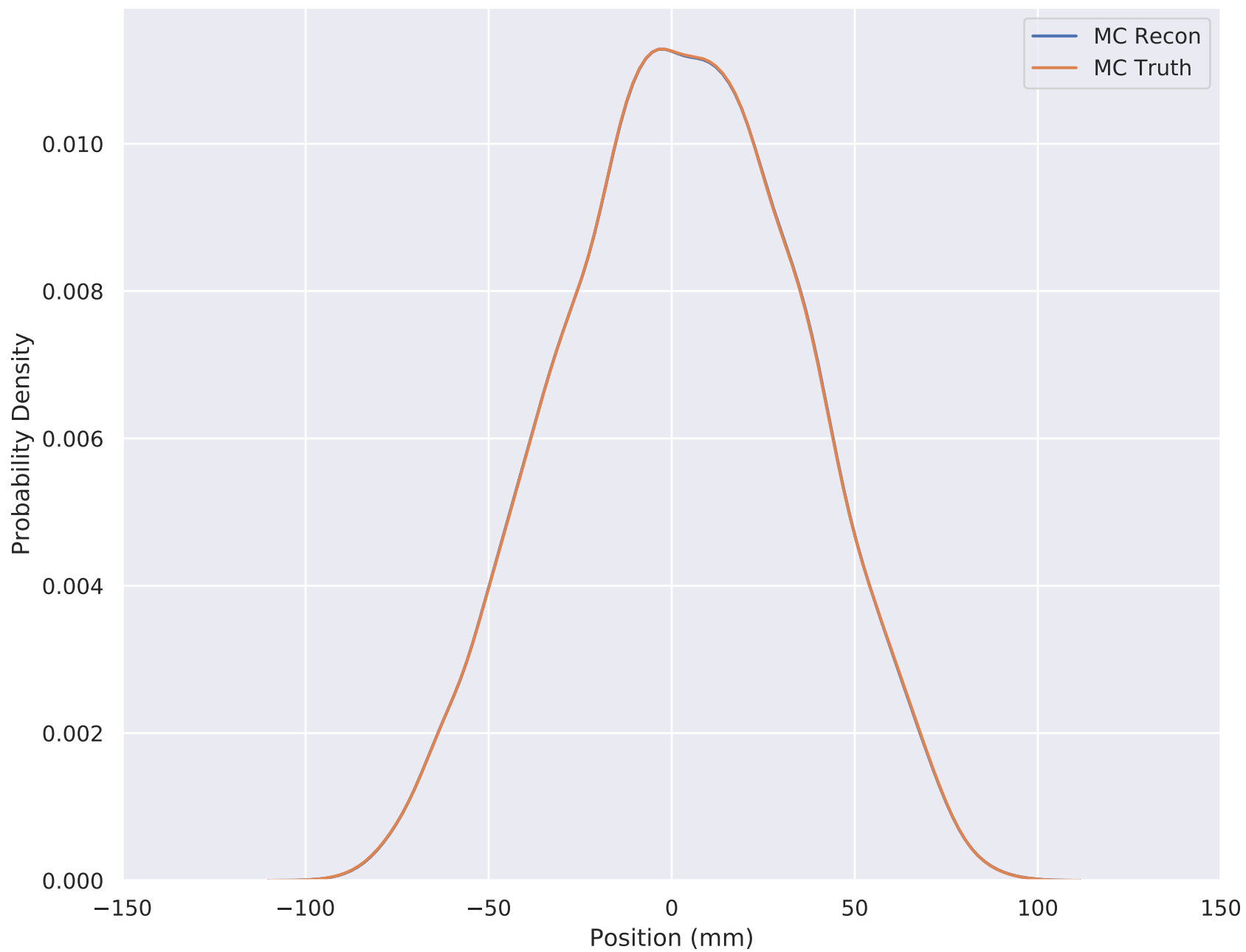
6-140 No Absorber Solenoid X Residual RMS (Downstream cut)



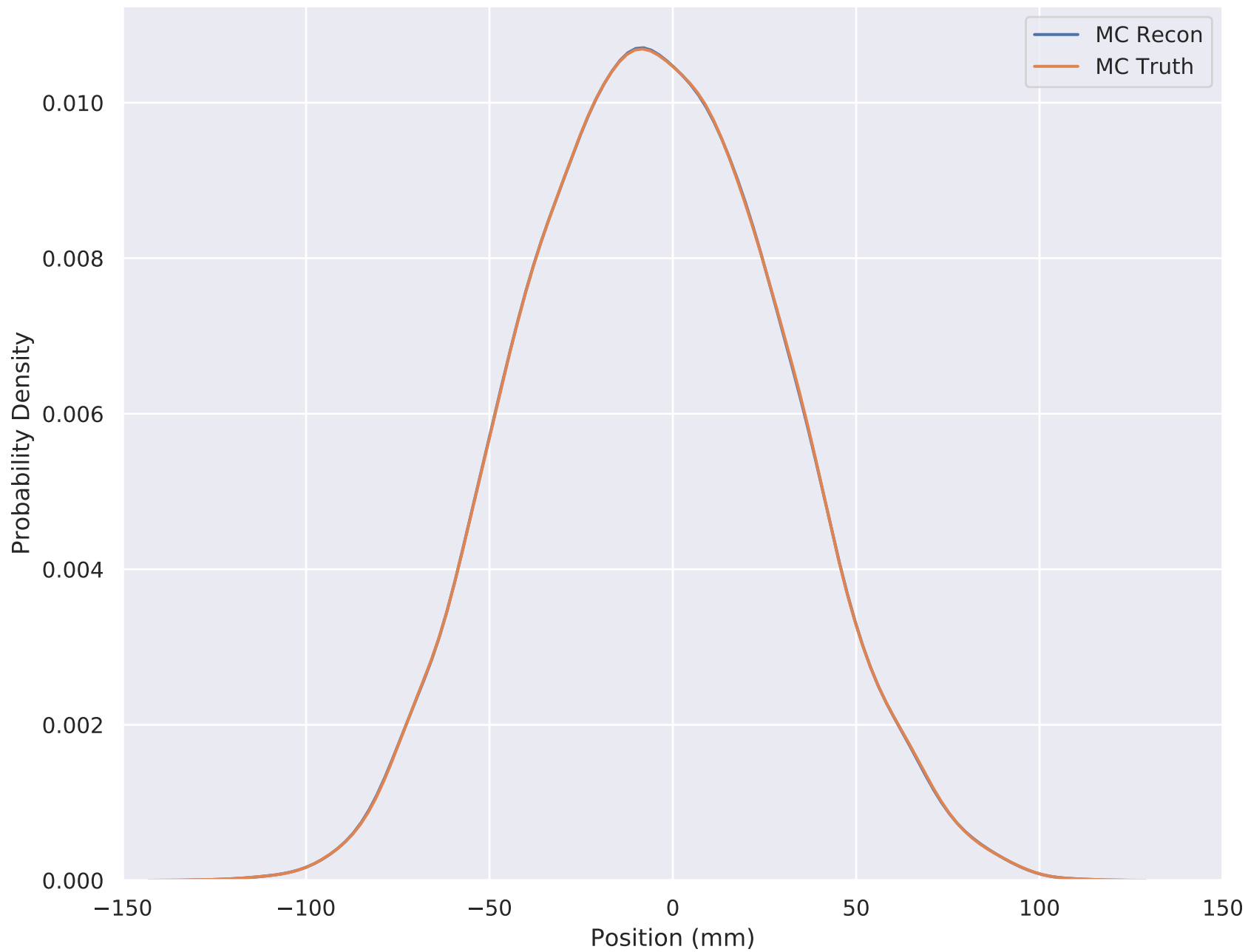
6-140 No Absorber Flip X Position (TOF2 cut) TKU S5



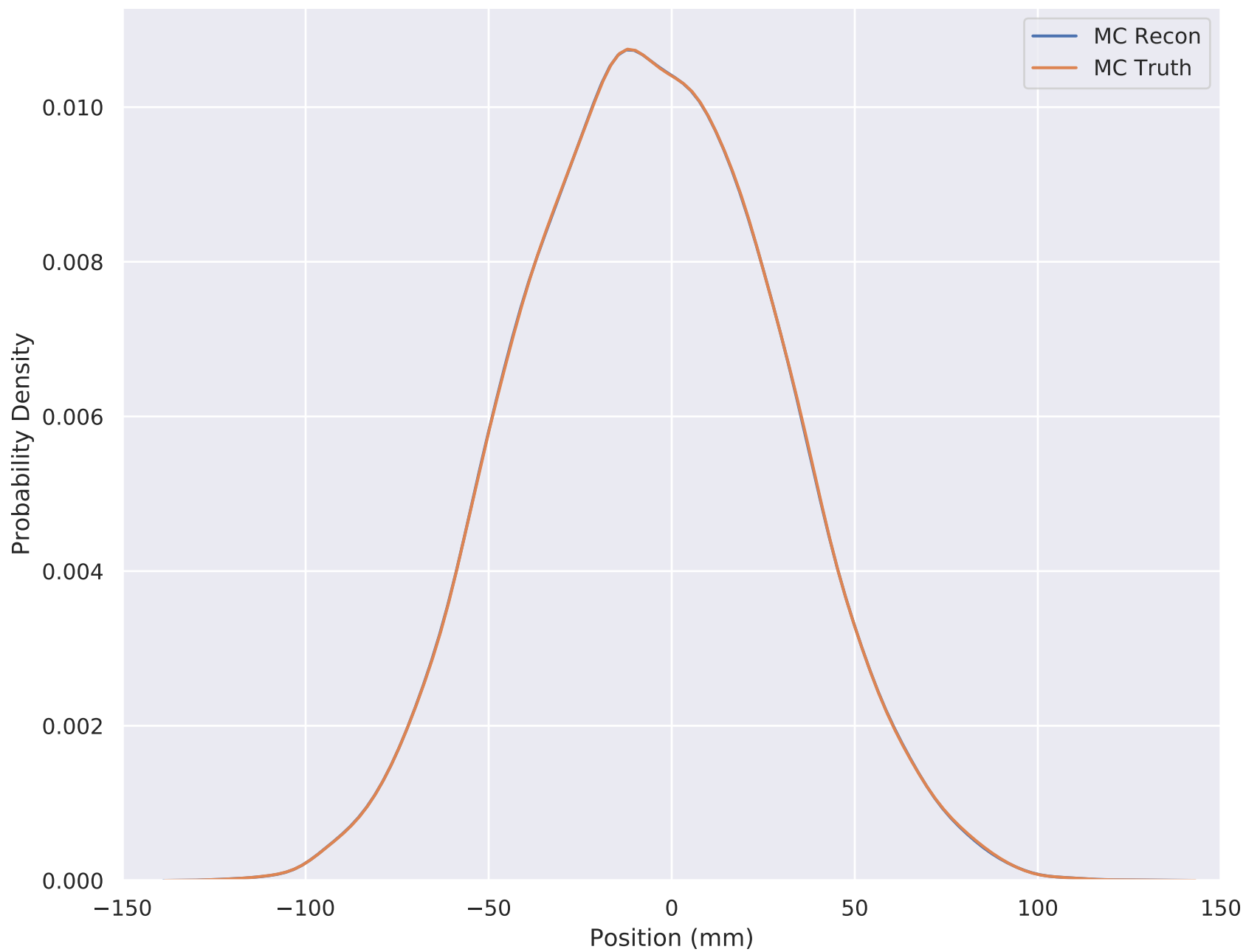
6-140 No Absorber Solenoid X Position (TOF2 cut) TKU S5



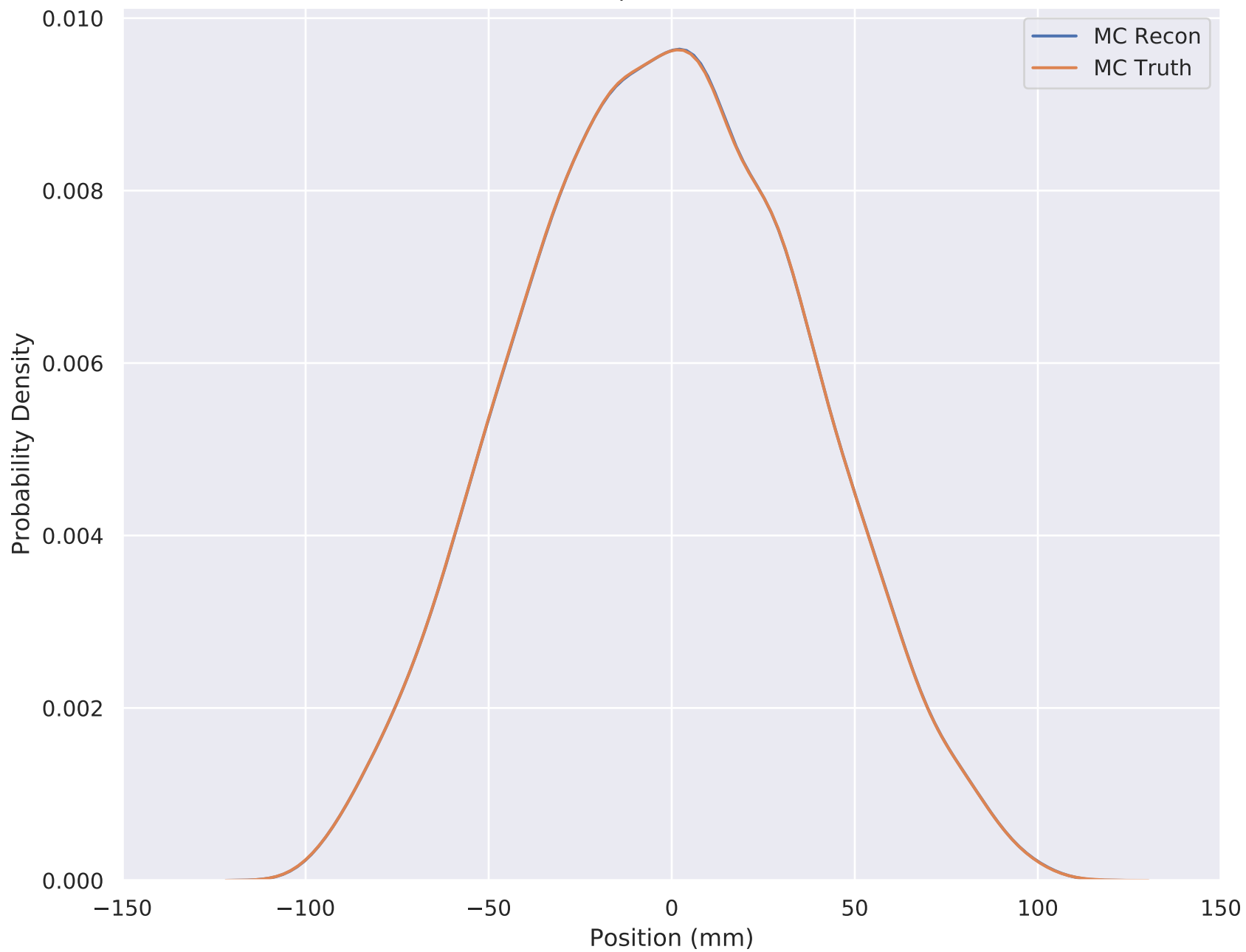
6-140 No Absorber Flip X Position (TOF2 cut) TKU S4



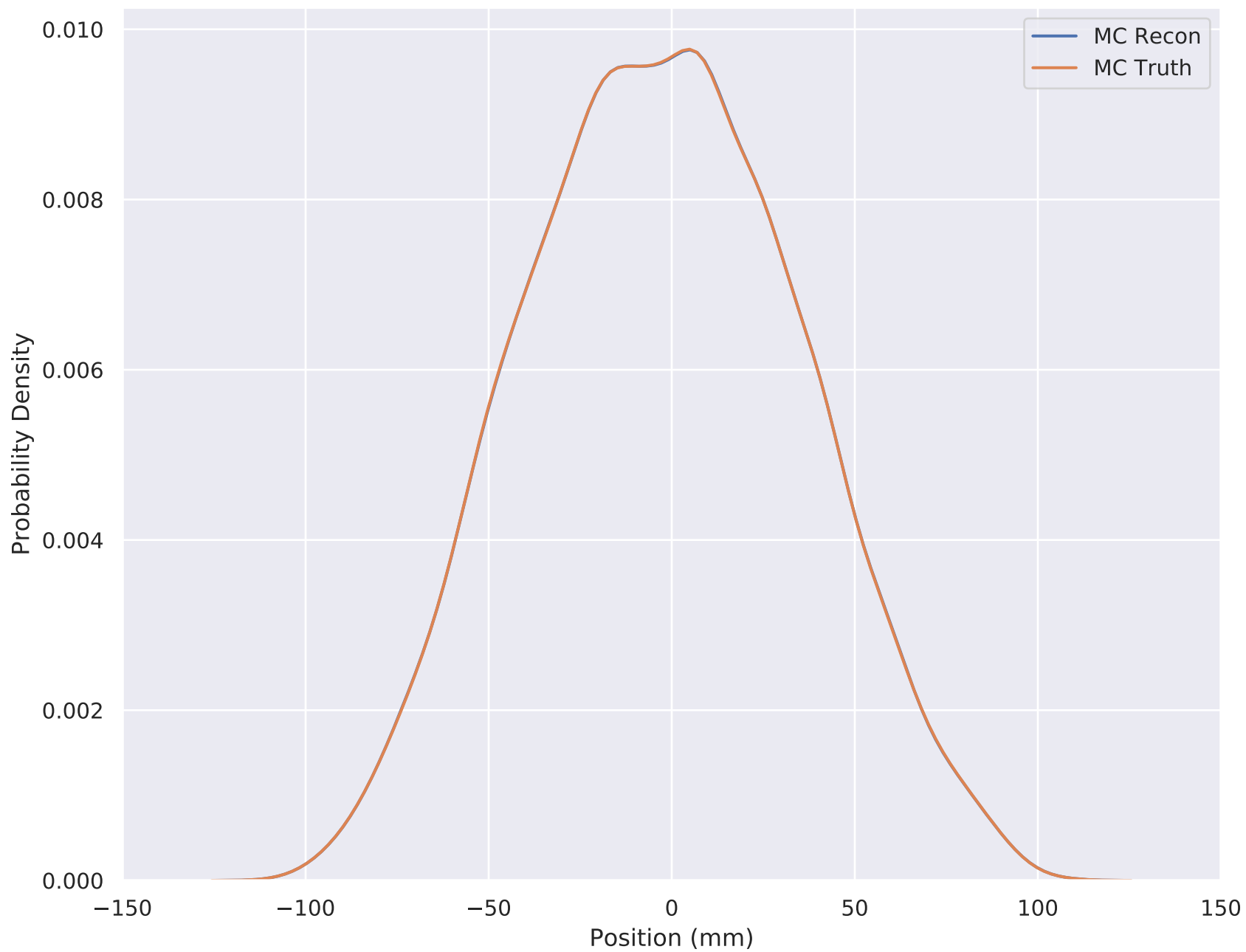
6-140 No Absorber Solenoid X Position (TOF2 cut) TKU S4



6-140 No Absorber Flip X Position (TOF2 cut) TKU S3

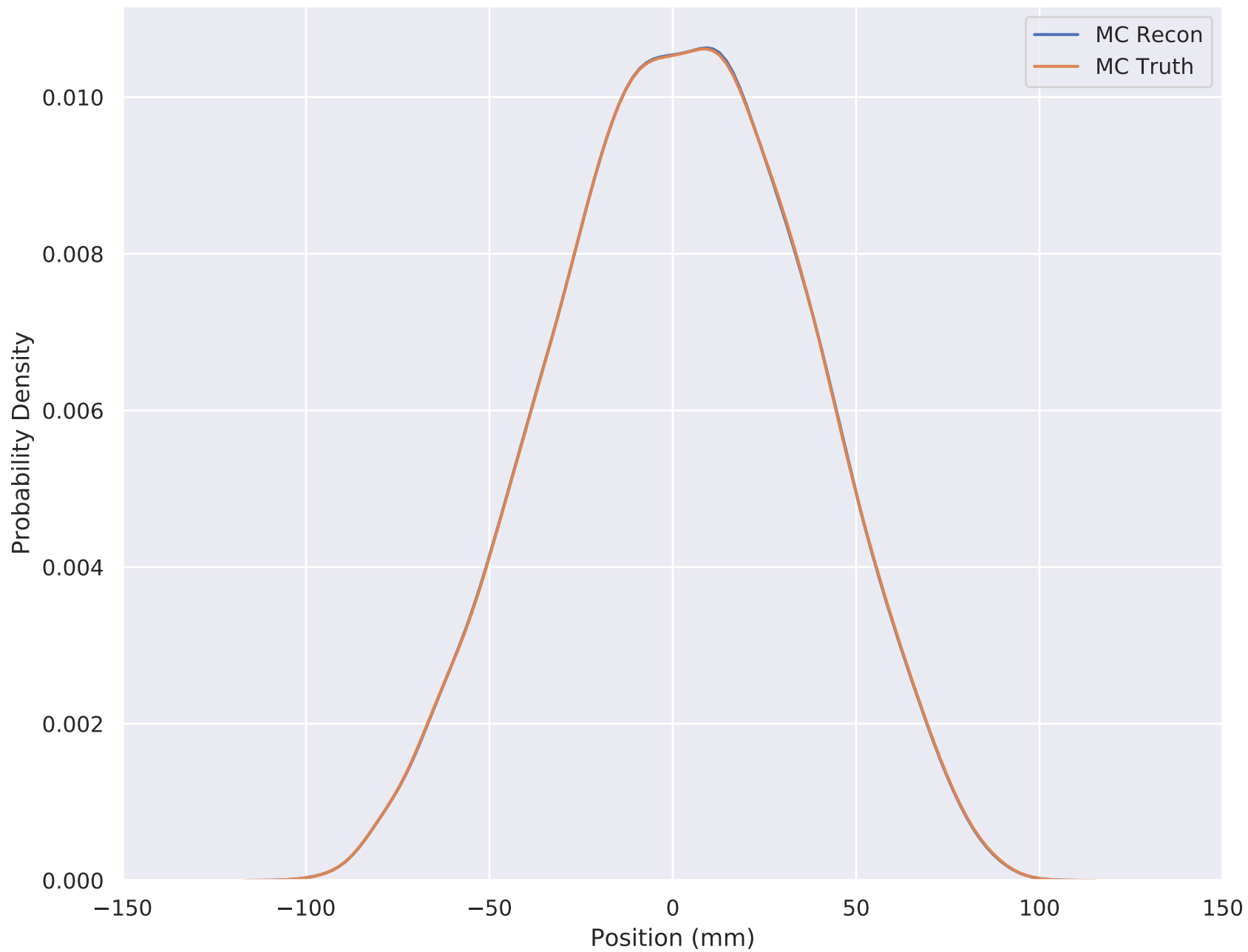


6-140 No Absorber Solenoid X Position (TOF2 cut) TKU S3

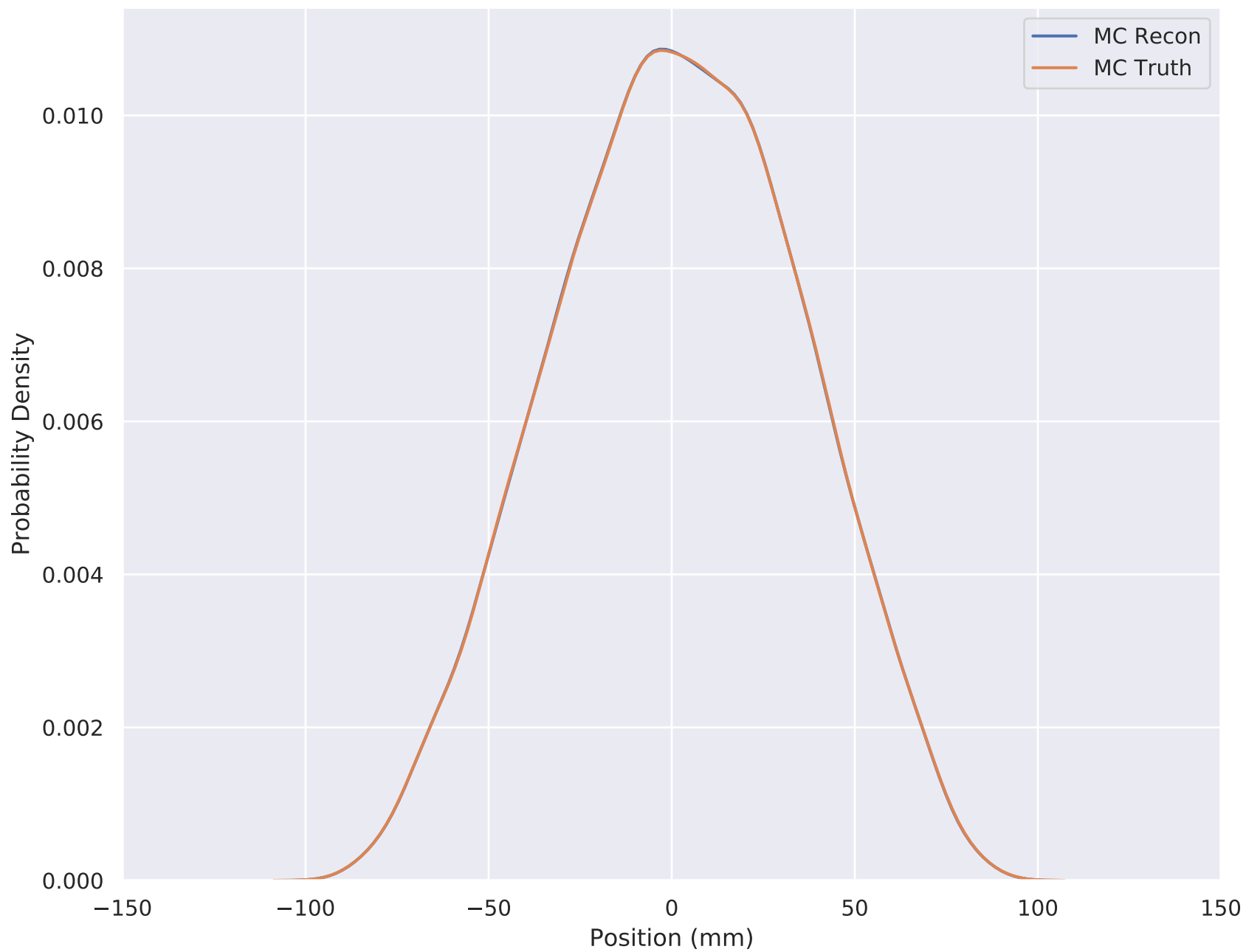




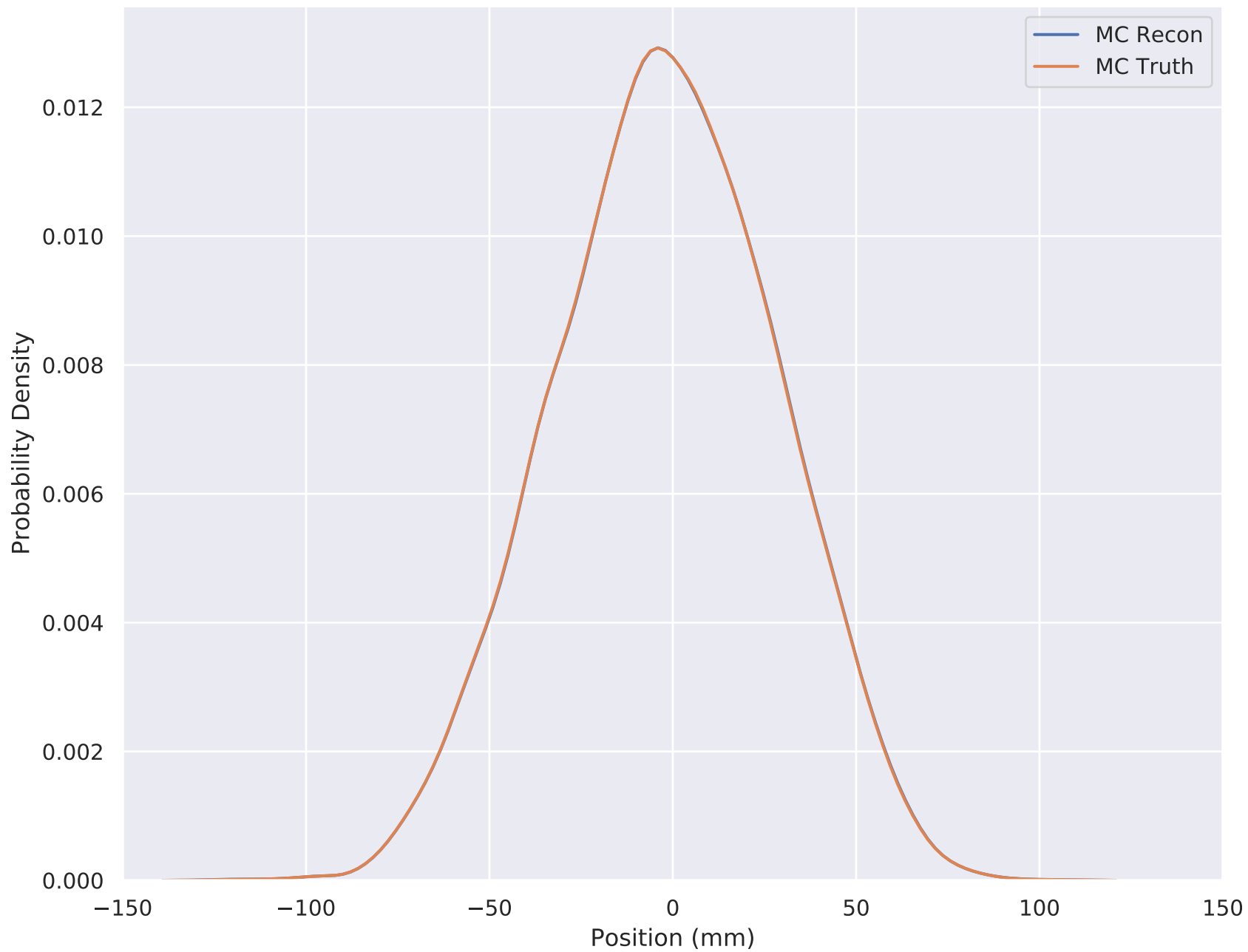
6-140 No Absorber Flip X Position (TOF2 cut) TKU S2



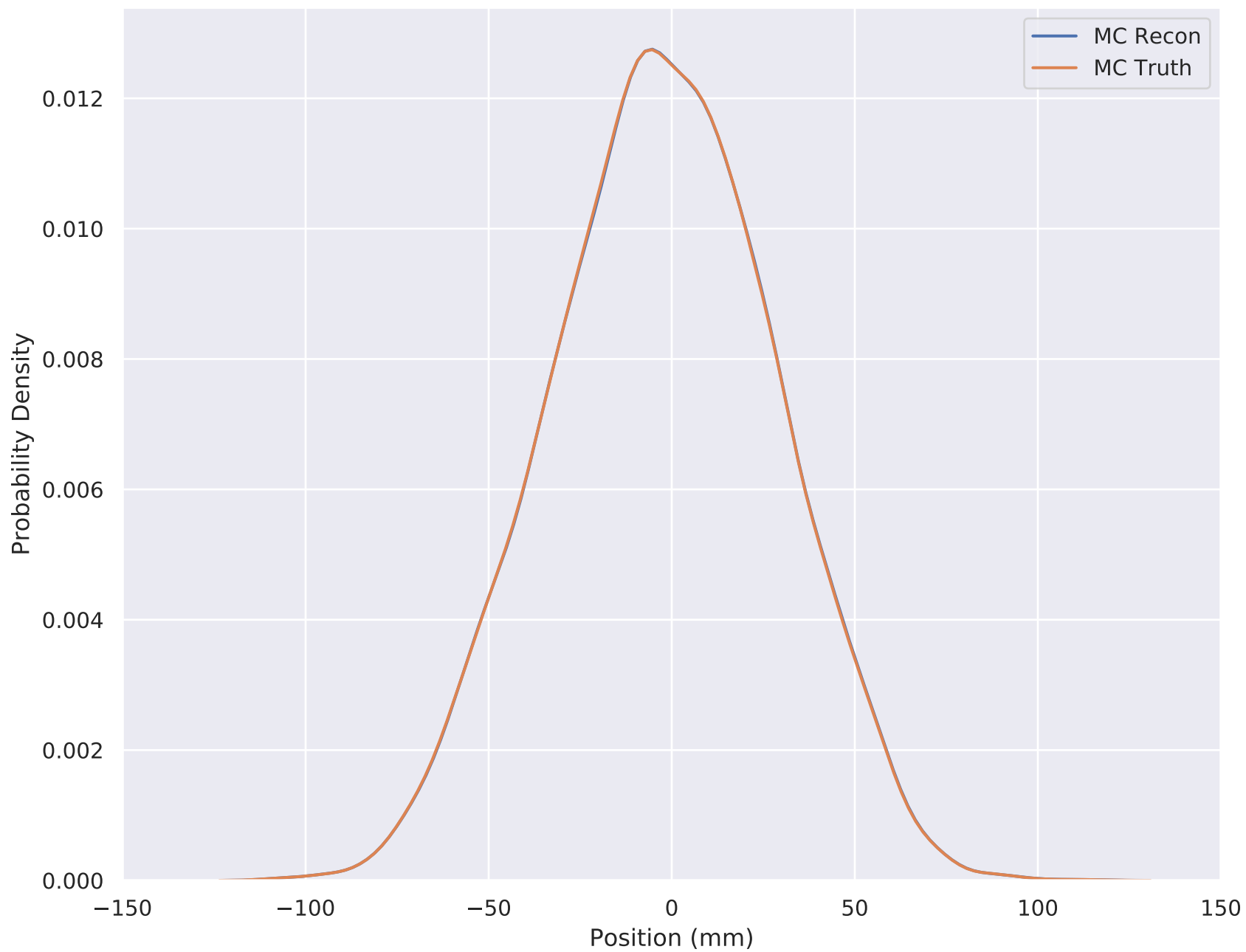
6-140 No Absorber Solenoid X Position (TOF2 cut) TKU S2



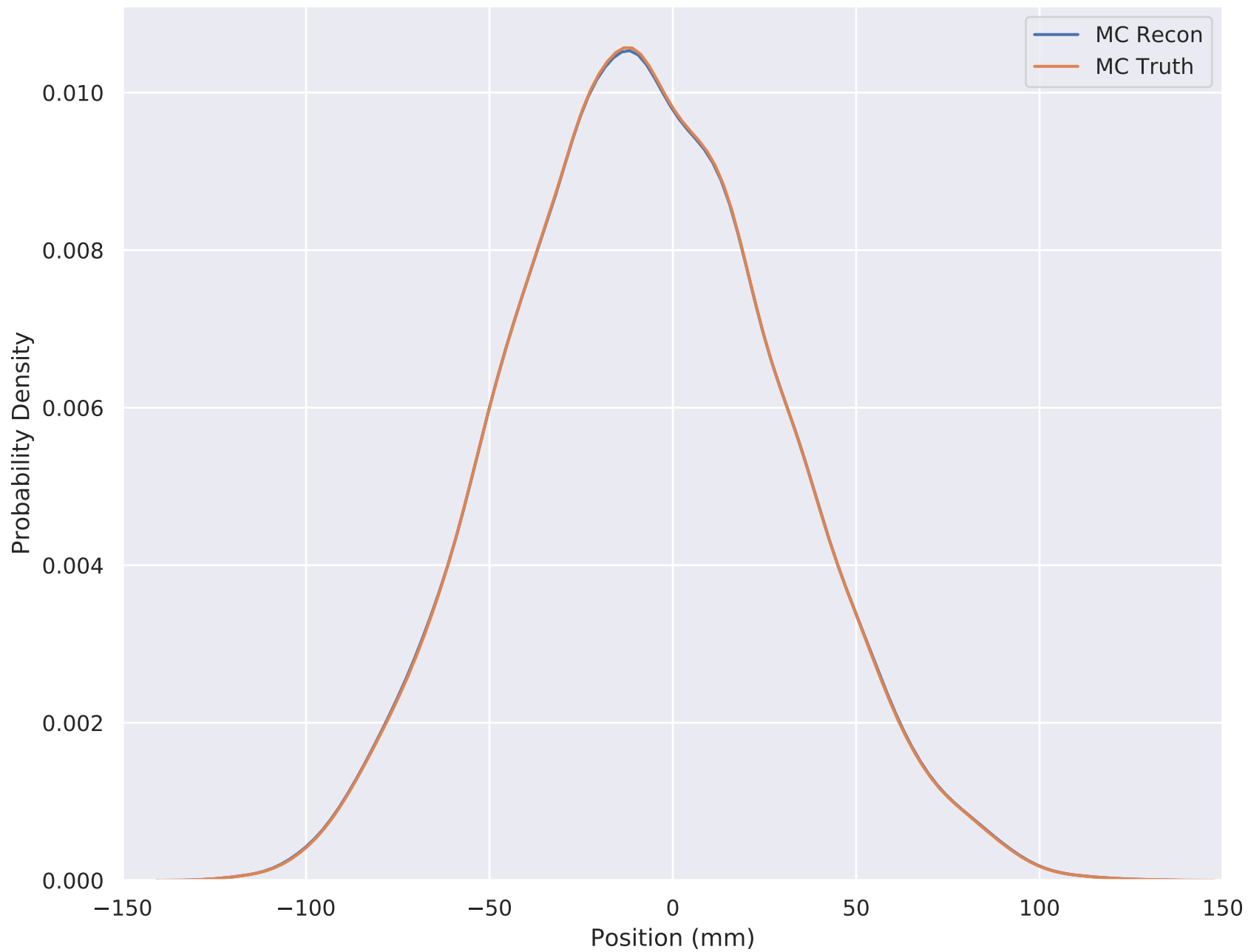
6-140 No Absorber Flip X Position (TOF2 cut) TKU S1



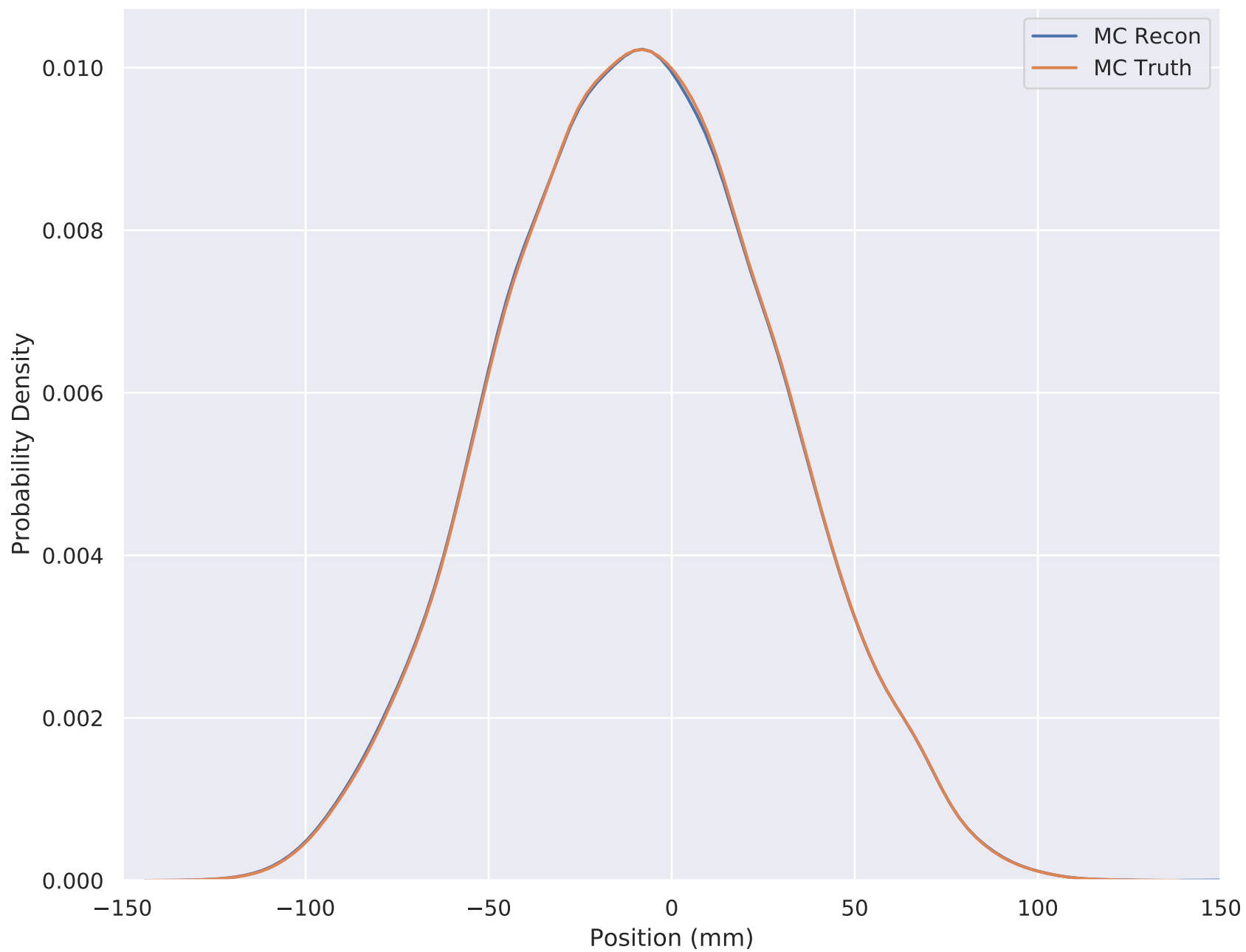
6-140 No Absorber Solenoid X Position (TOF2 cut) TKU S1



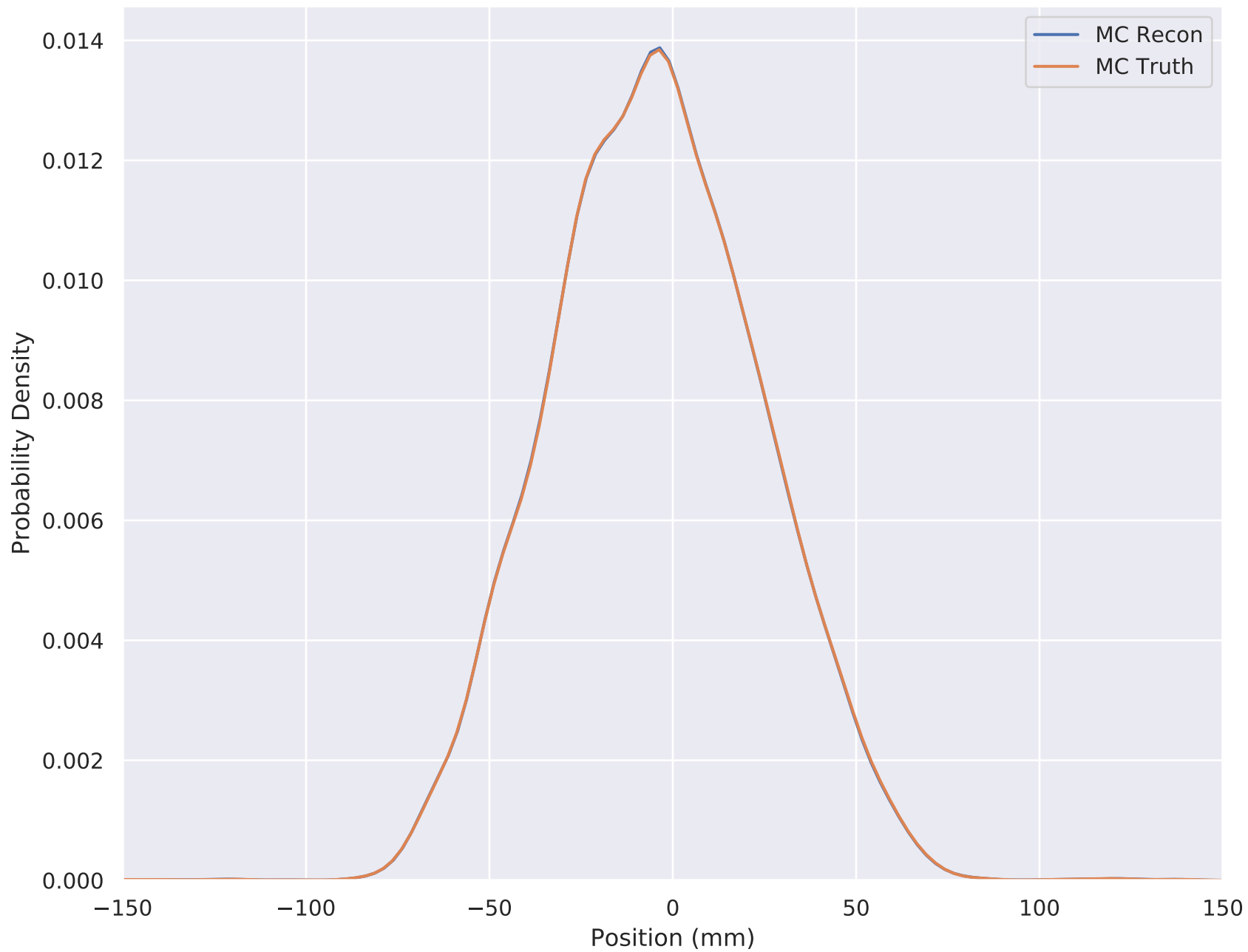
6-140 No Absorber Flip X Position (TOF2 cut) TKD S1



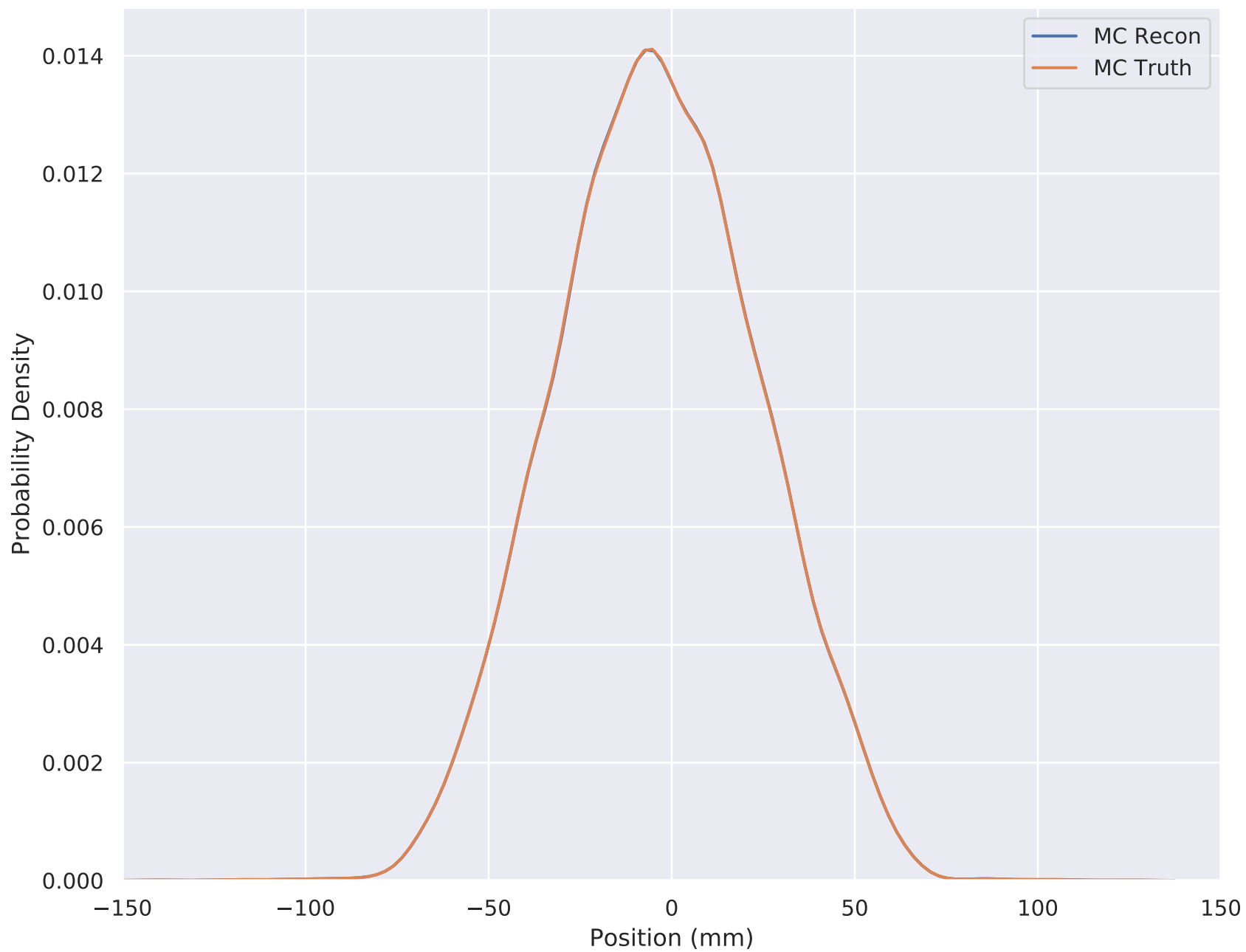
6-140 No Absorber Solenoid X Position (TOF2 cut) TKD S1



6-140 No Absorber Flip X Position (TOF2 cut) TKD S2

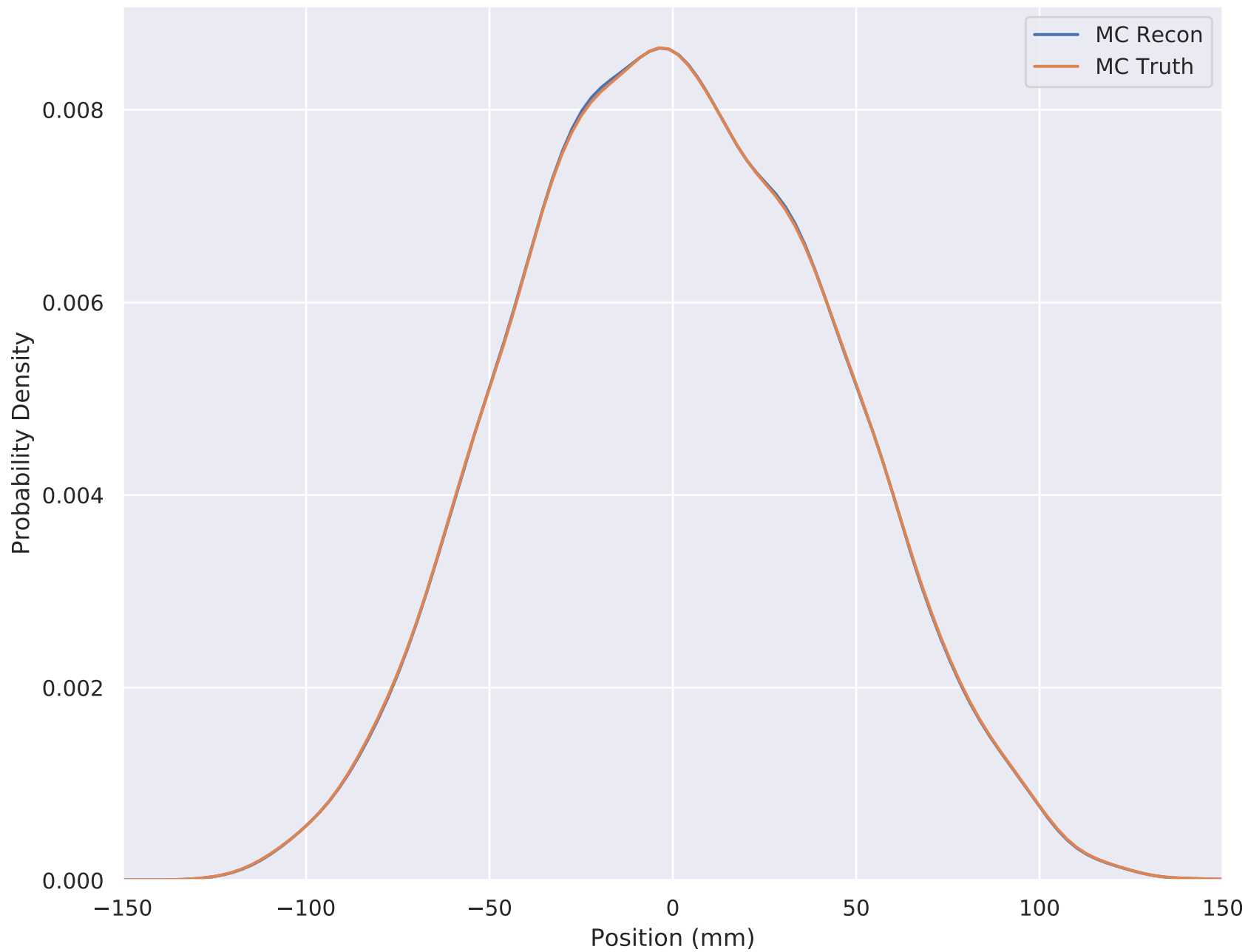


6-140 No Absorber Solenoid X Position (TOF2 cut) TKD S2

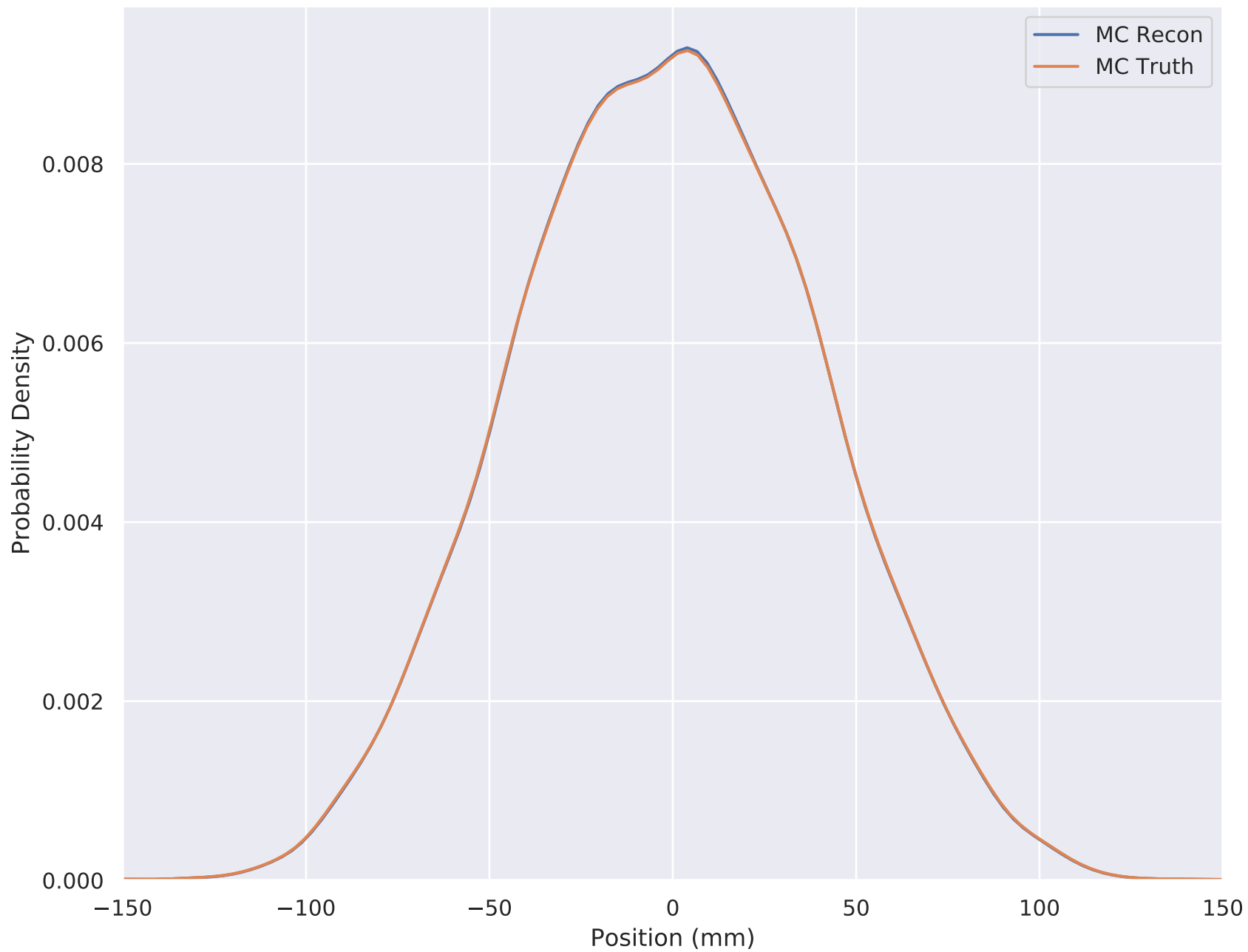




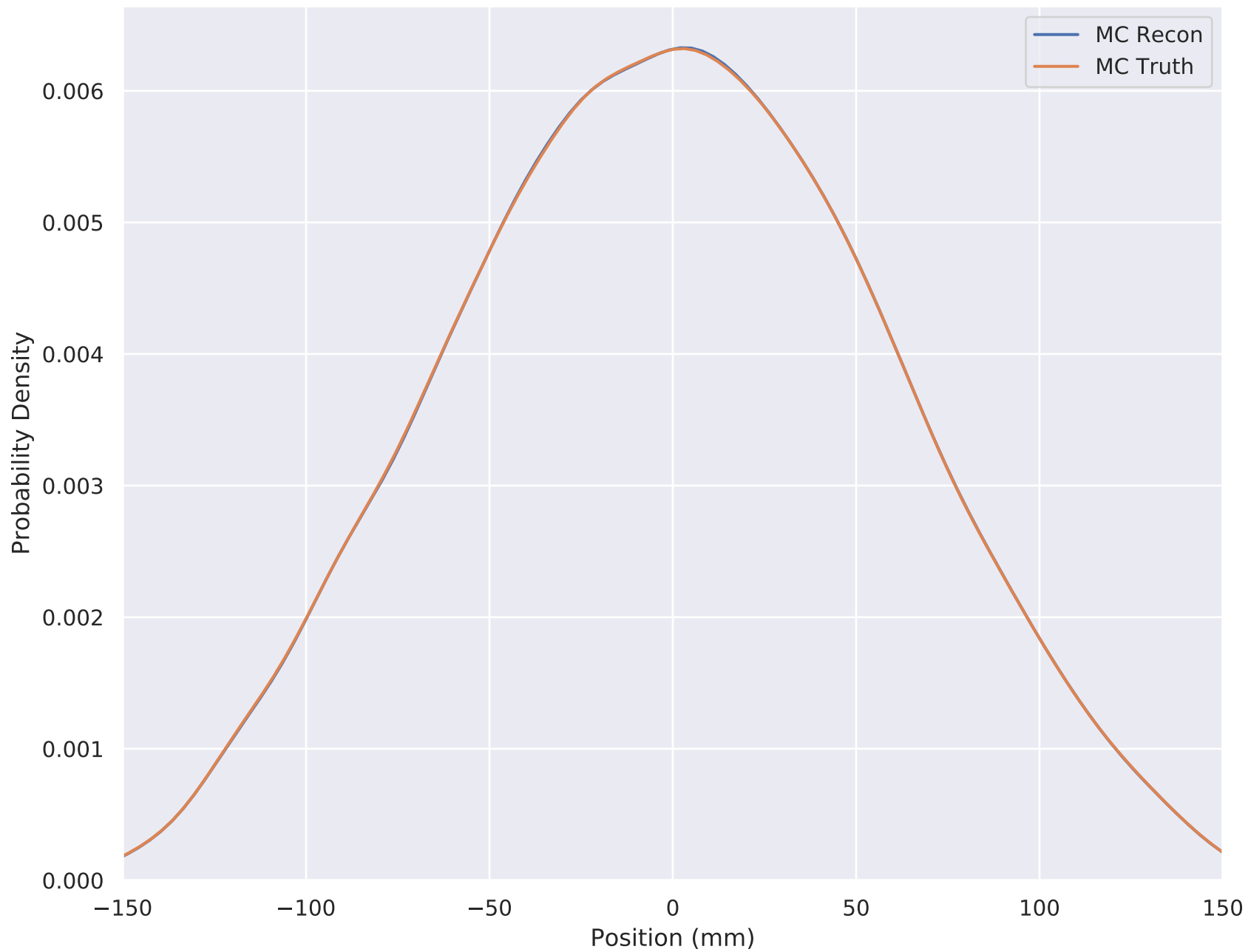
6-140 No Absorber Flip X Position (TOF2 cut) TKD S3



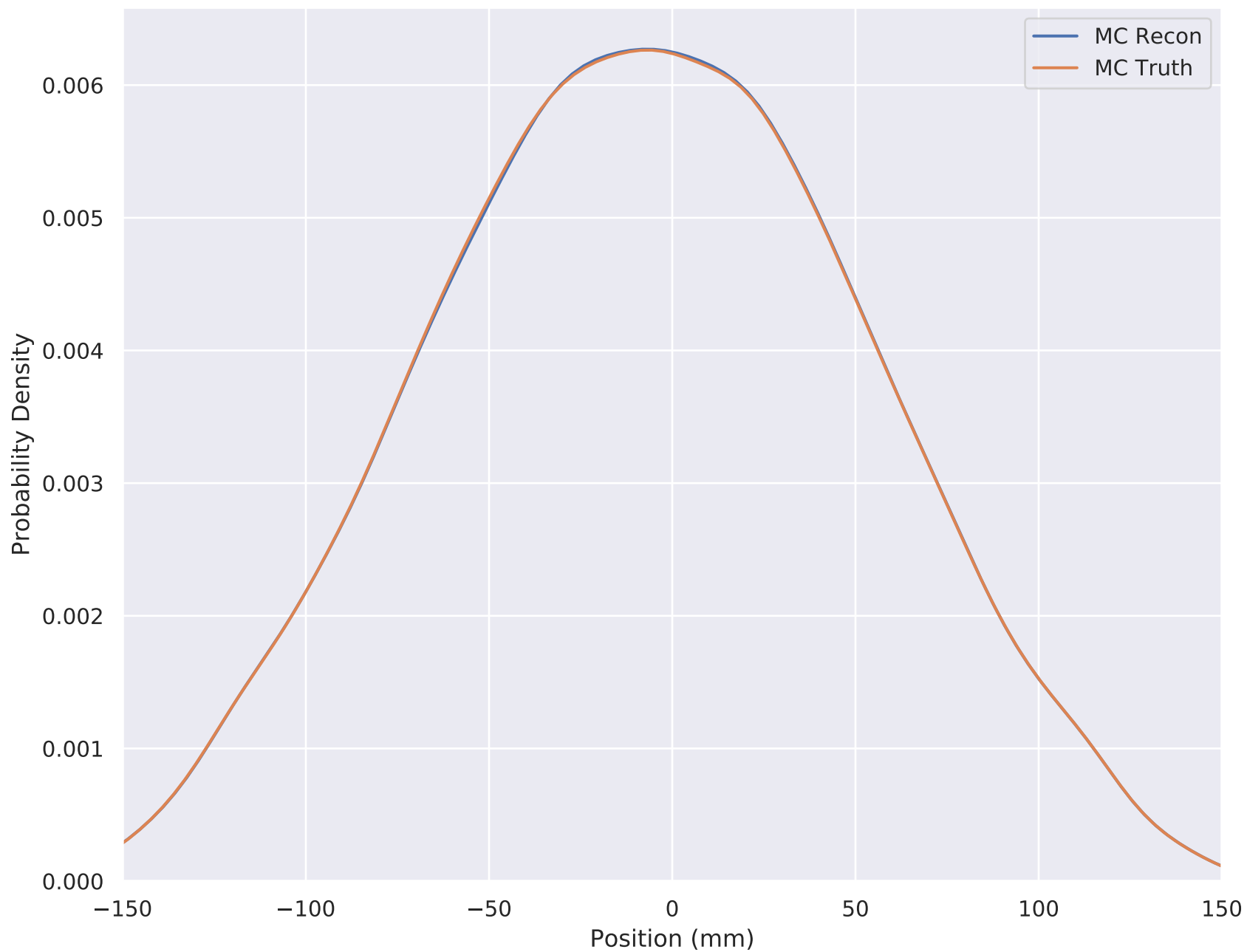
6-140 No Absorber Solenoid X Position (TOF2 cut) TKD S3



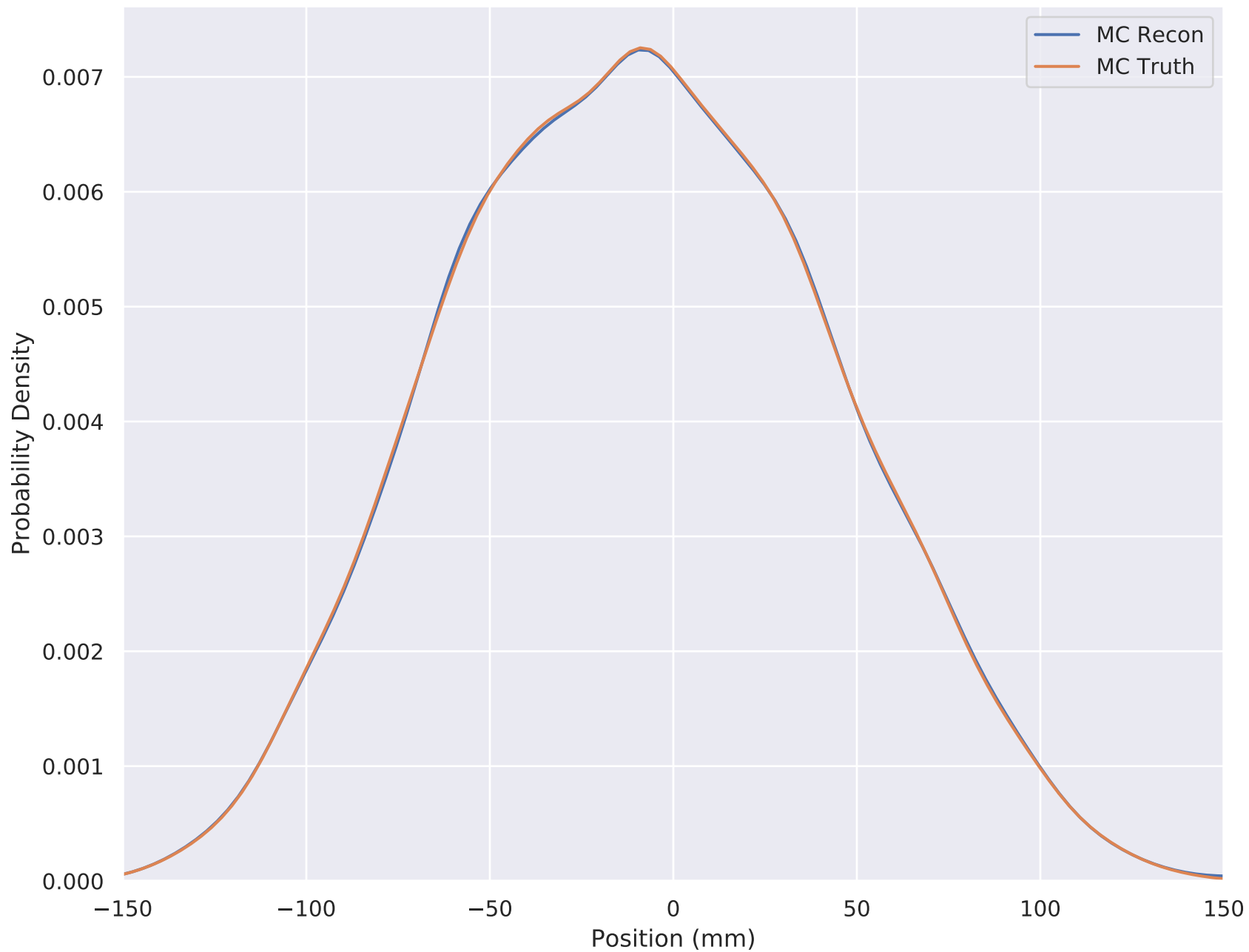
6-140 No Absorber Flip X Position (TOF2 cut) TKD S4



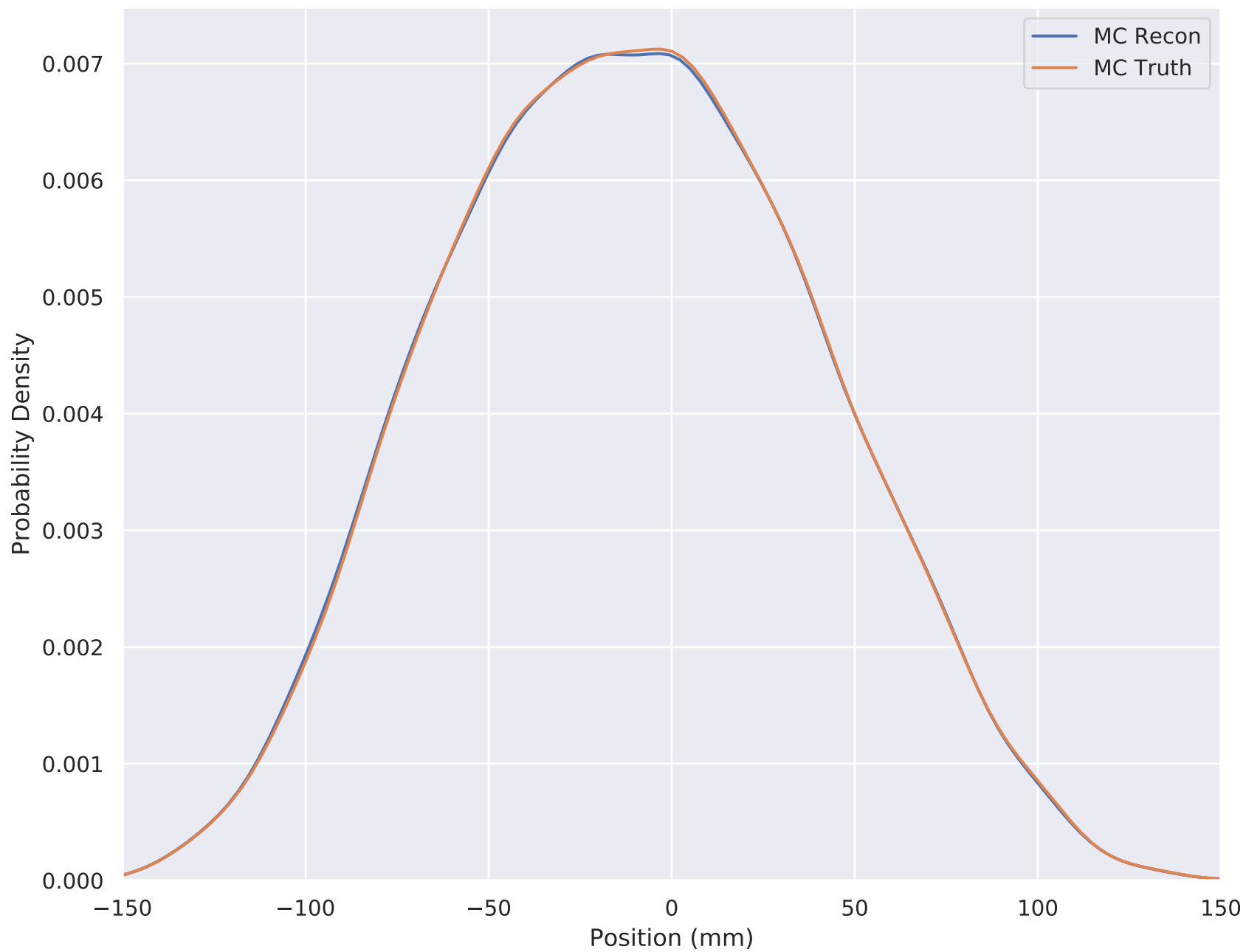
6-140 No Absorber Solenoid X Position (TOF2 cut) TKD S4



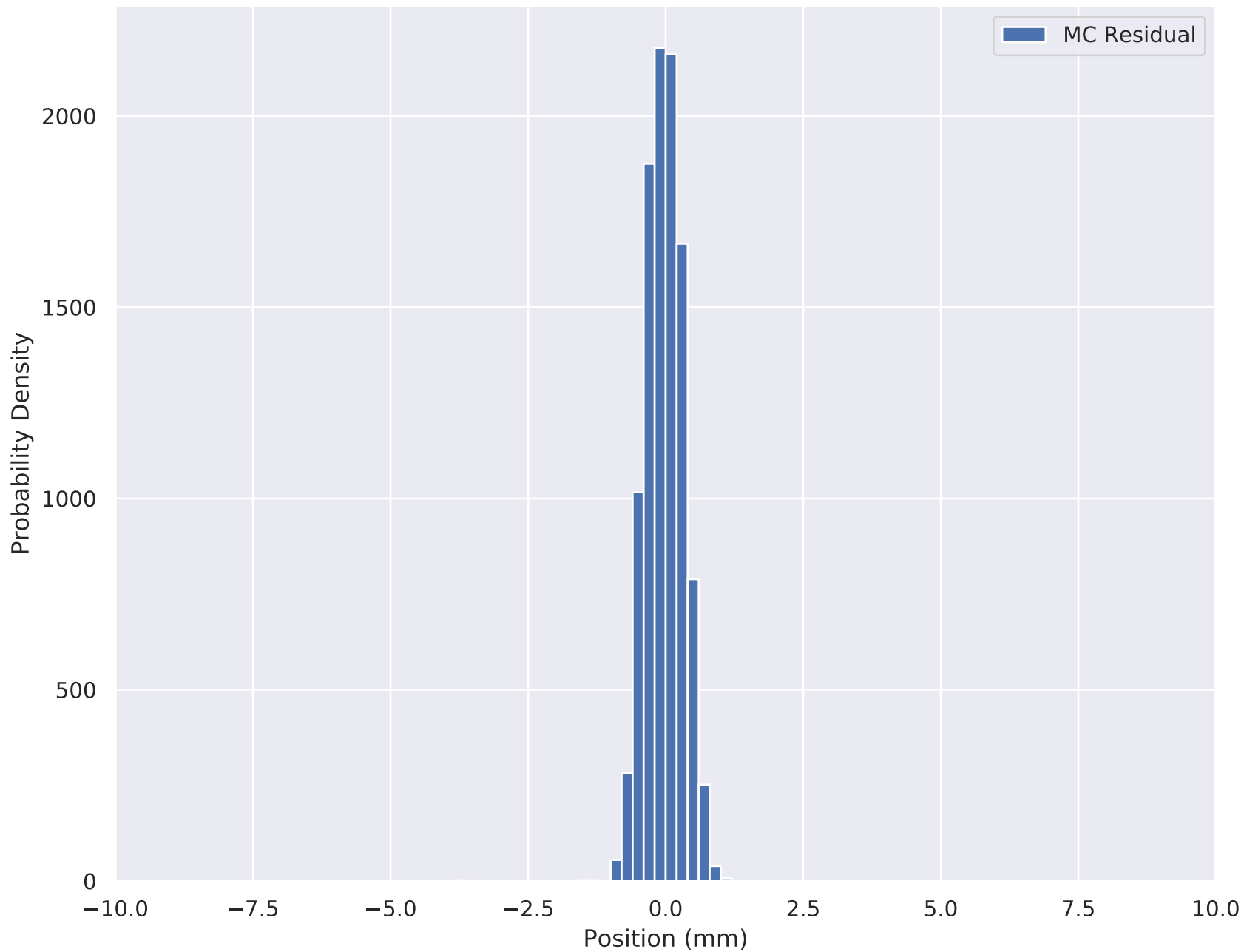
6-140 No Absorber Flip X Position (TOF2 cut) TKD S5



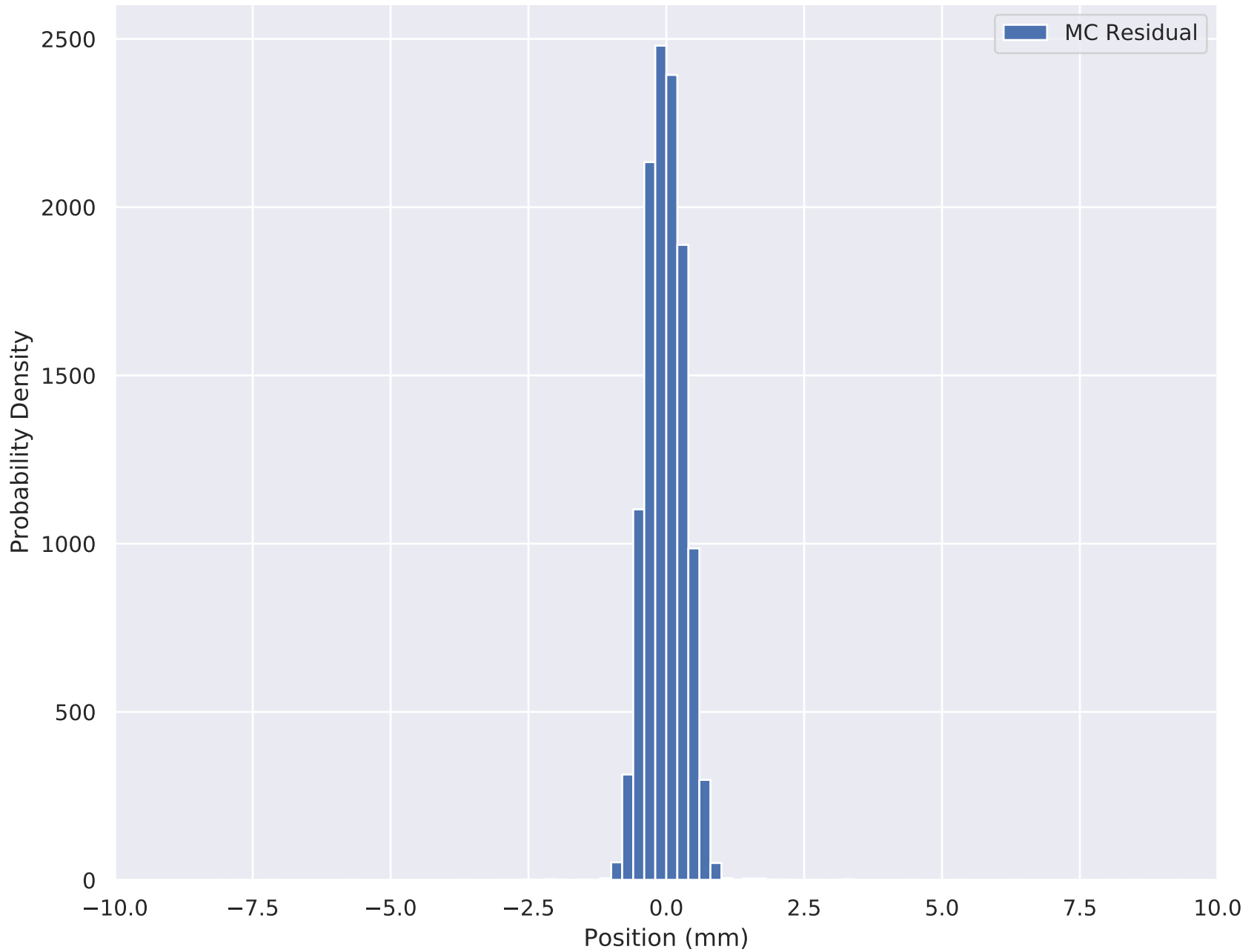
6-140 No Absorber Solenoid X Position (TOF2 cut) TKD S5



6-140 No Absorber Flip X Residual (TOF2 cut) TKU S5

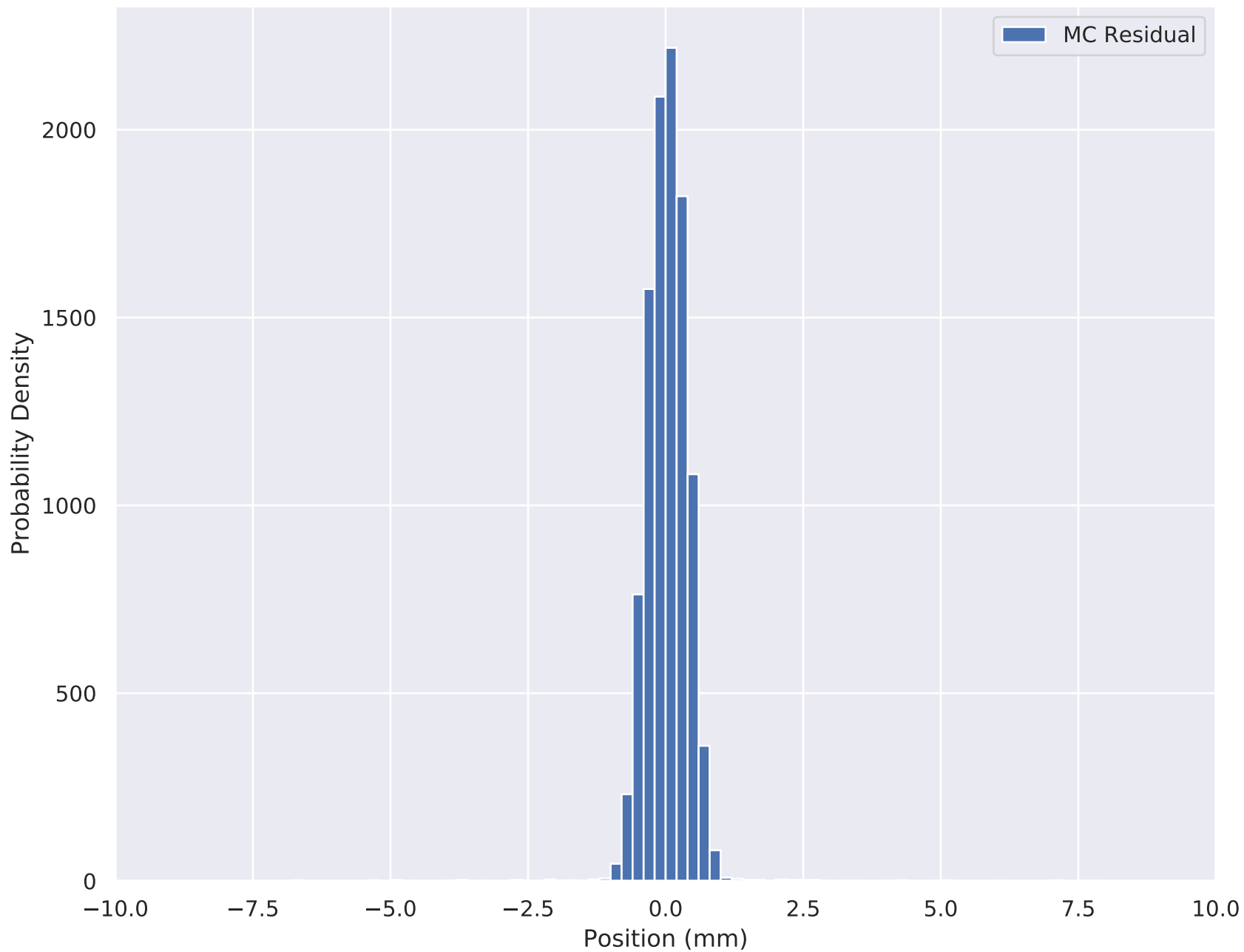


6-140 No Absorber Solenoid X Residual (TOF2 cut) TKU S5

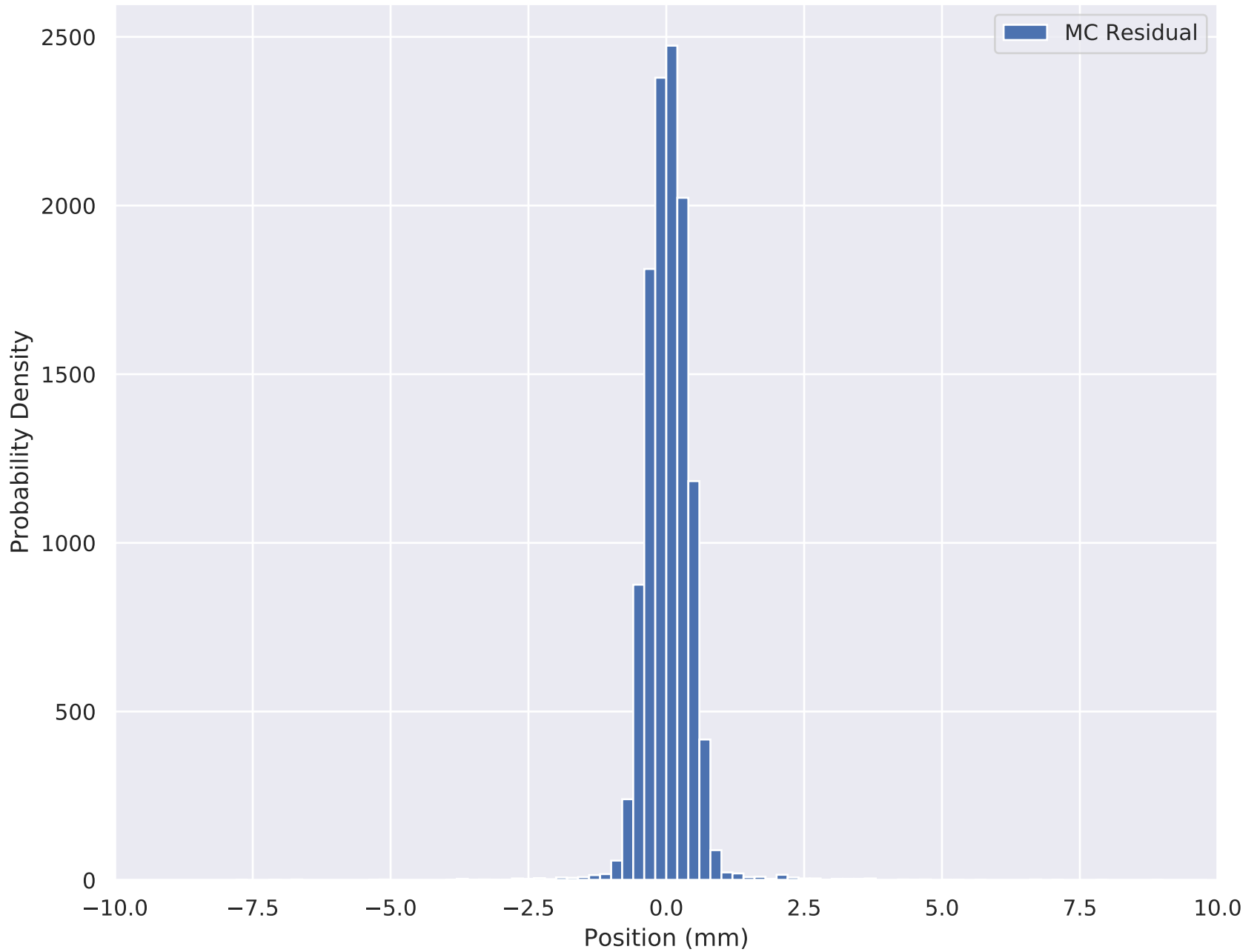




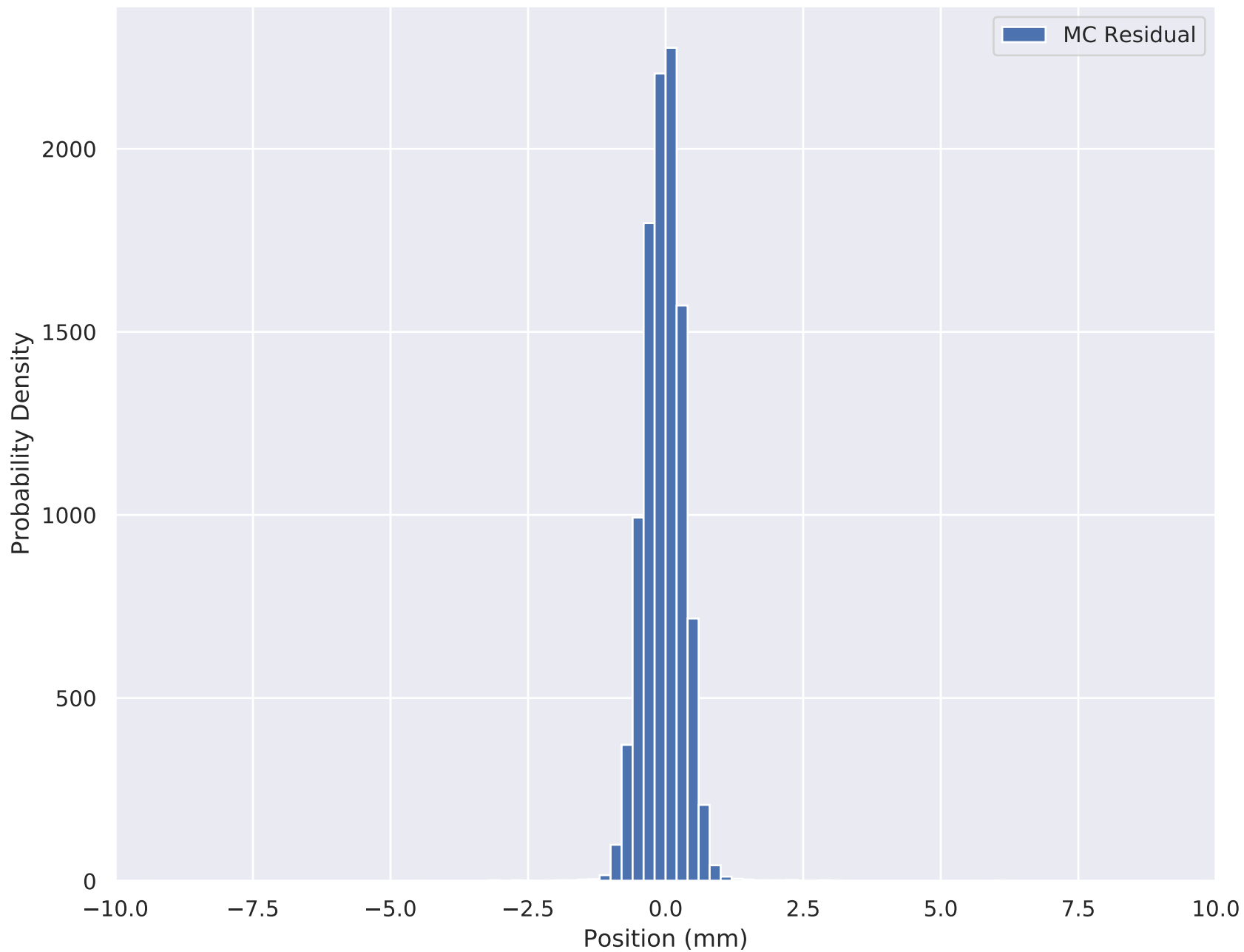
6-140 No Absorber Flip X Residual (TOF2 cut) TKU S4



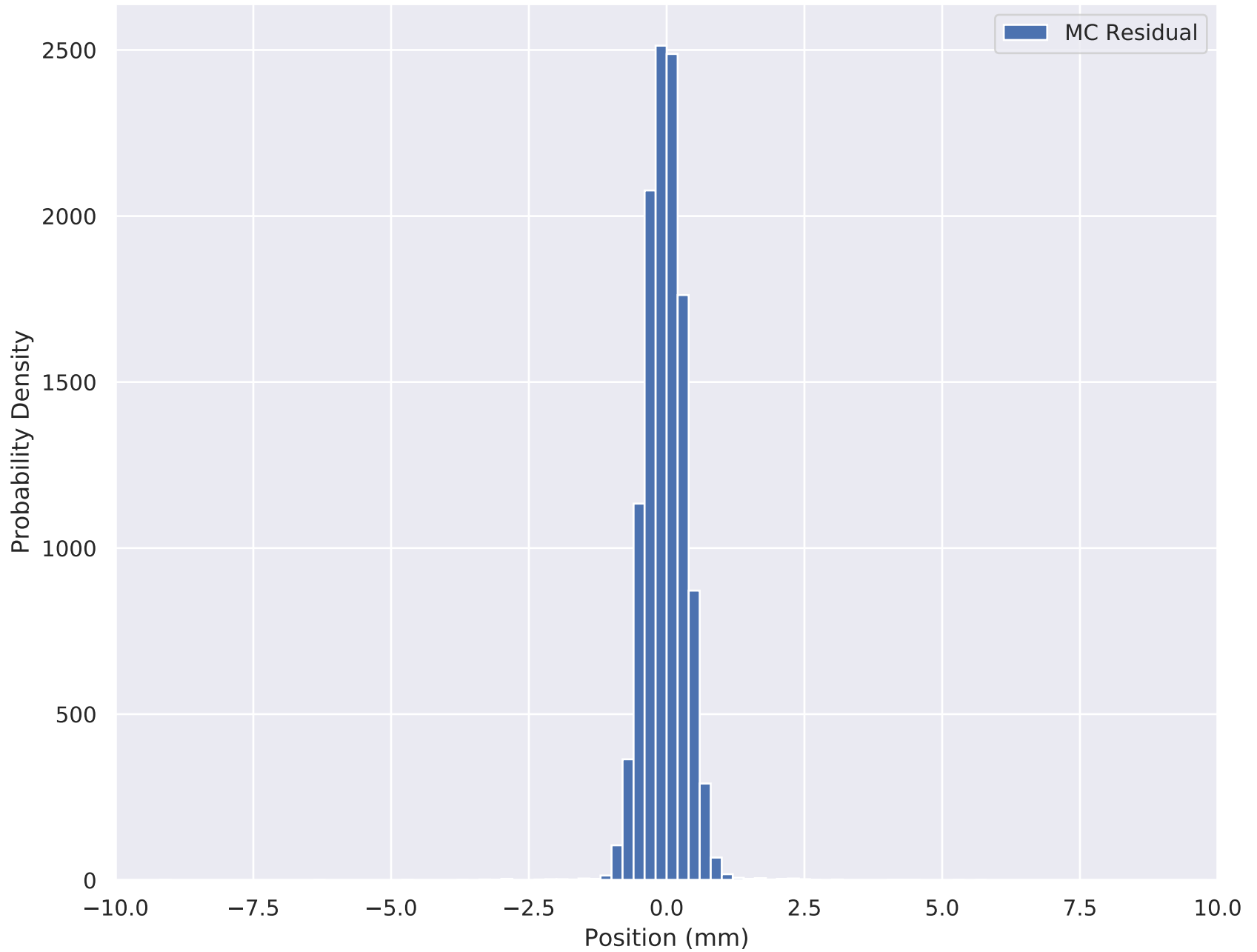
6-140 No Absorber Solenoid X Residual (TOF2 cut) TKU S4



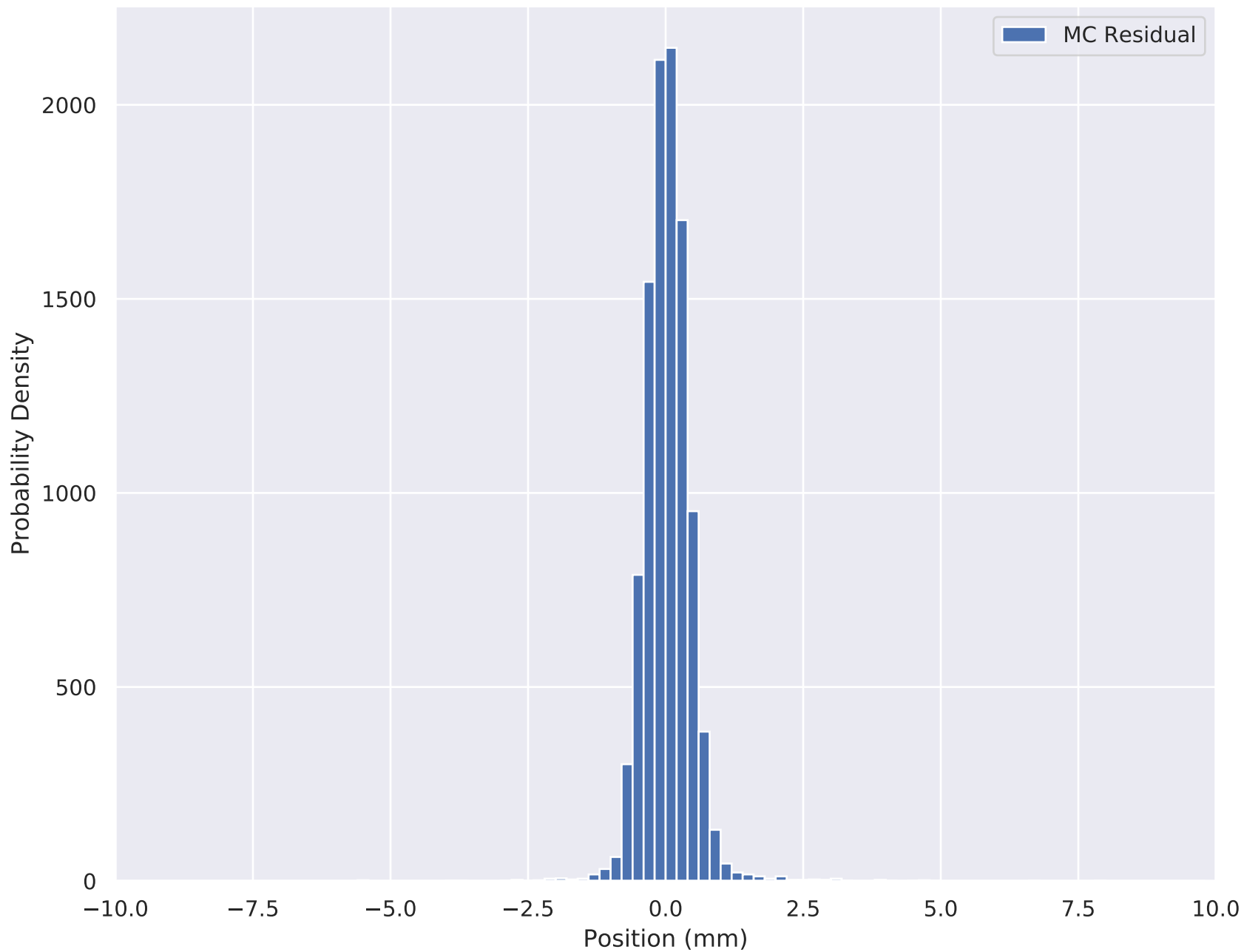
6-140 No Absorber Flip X Residual (TOF2 cut) TKU S3



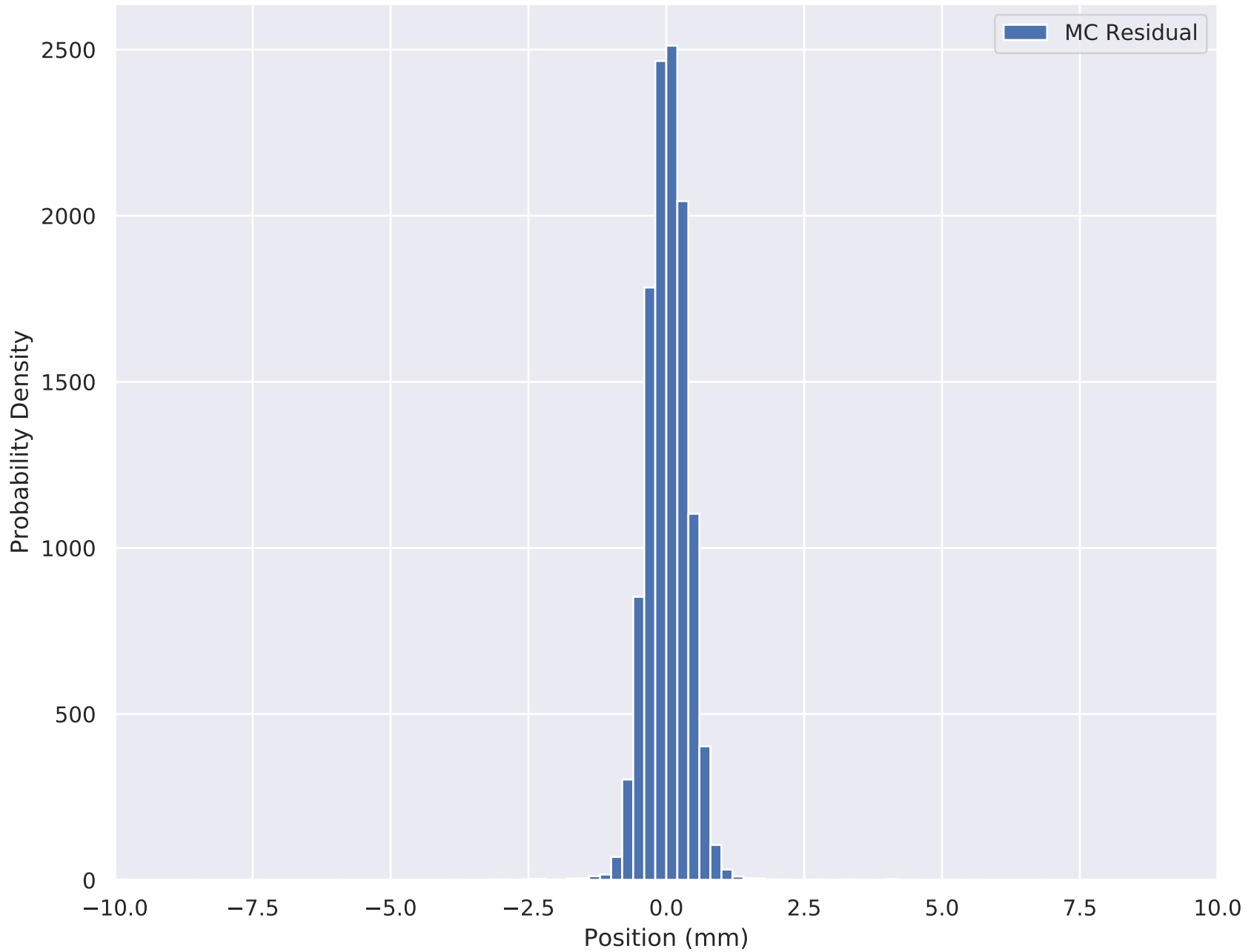
6-140 No Absorber Solenoid X Residual (TOF2 cut) TKU S3



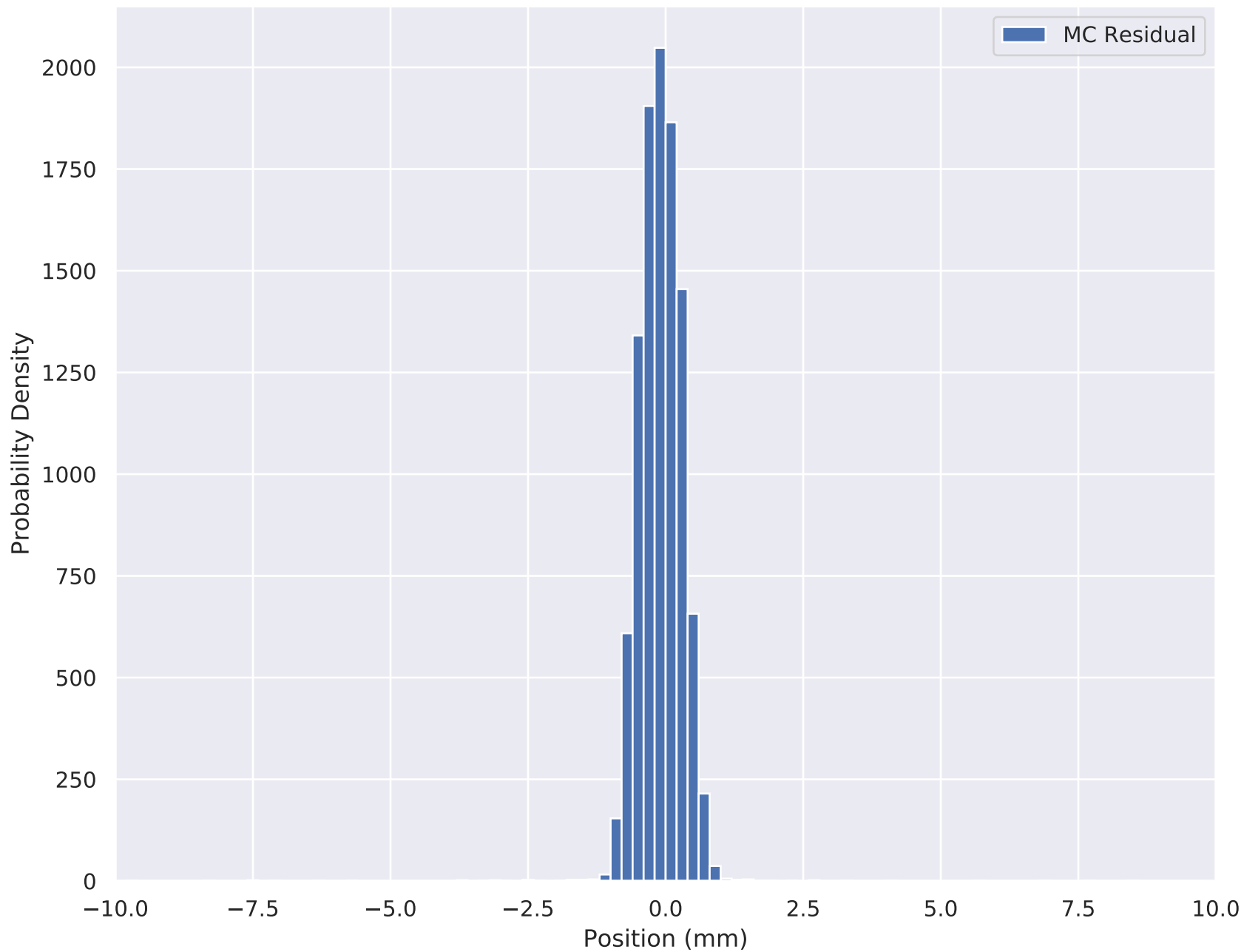
6-140 No Absorber Flip X Residual (TOF2 cut) TKU S2



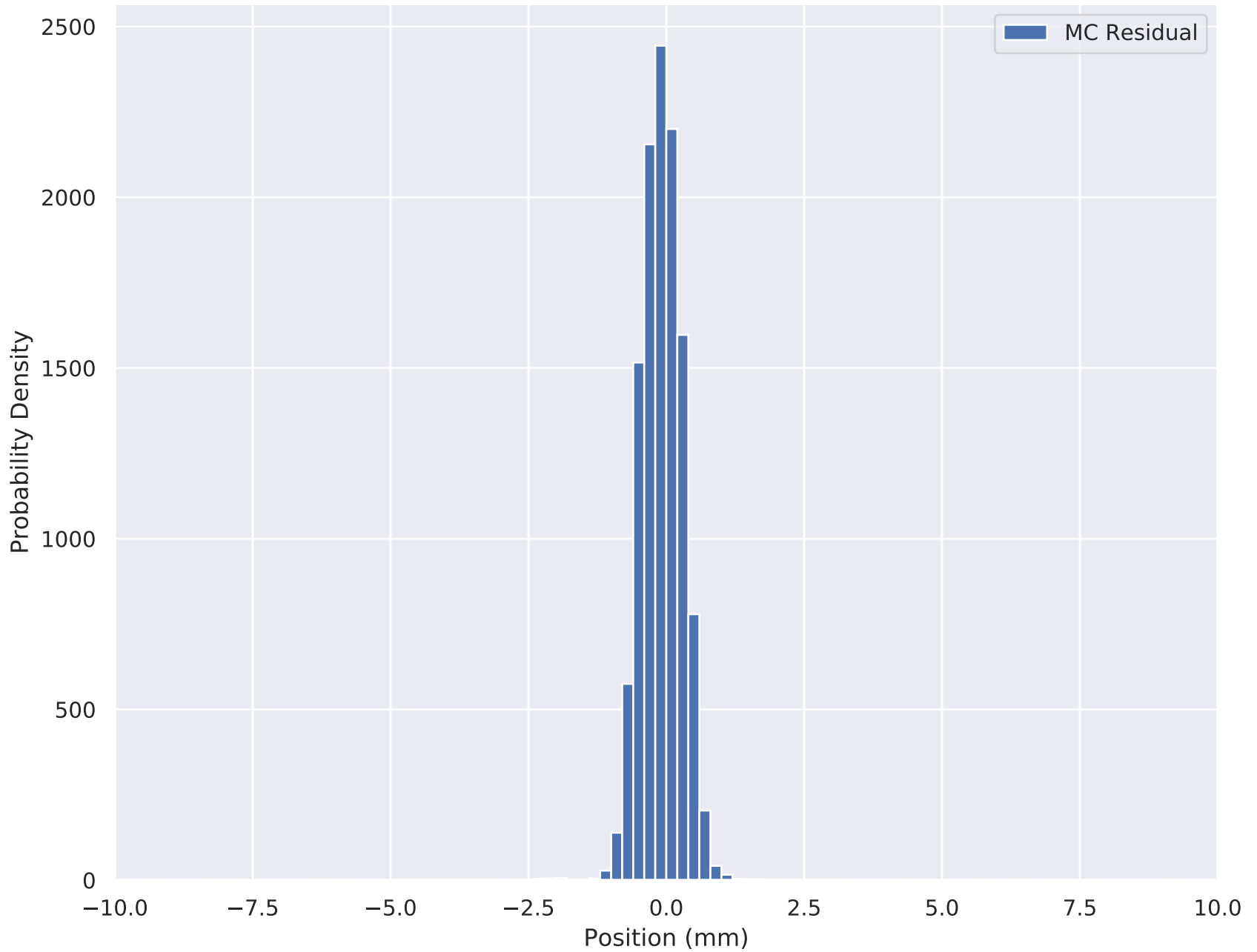
6-140 No Absorber Solenoid X Residual (TOF2 cut) TKU S2



6-140 No Absorber Flip X Residual (TOF2 cut) TKU S1

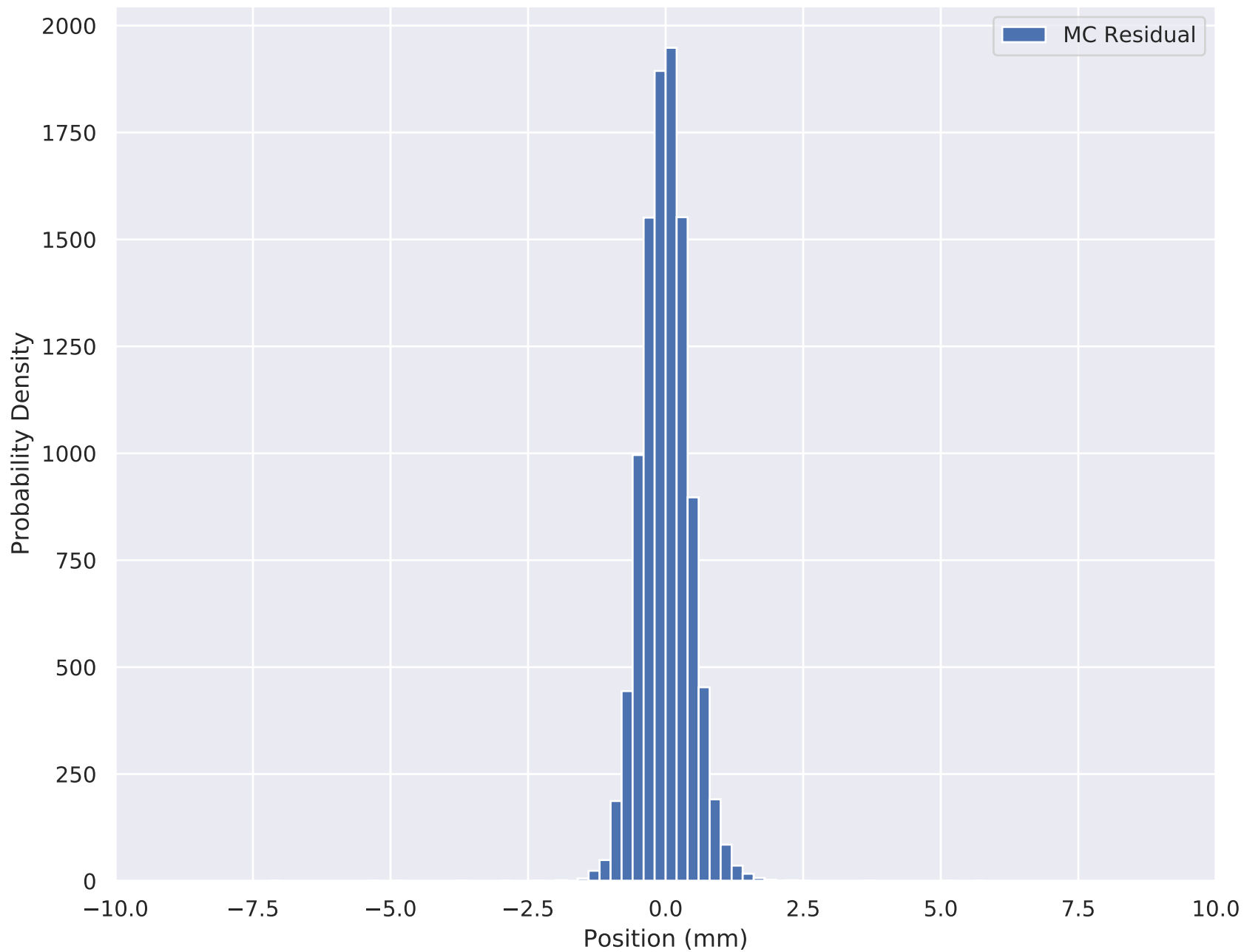


6-140 No Absorber Solenoid X Residual (TOF2 cut) TKU S1

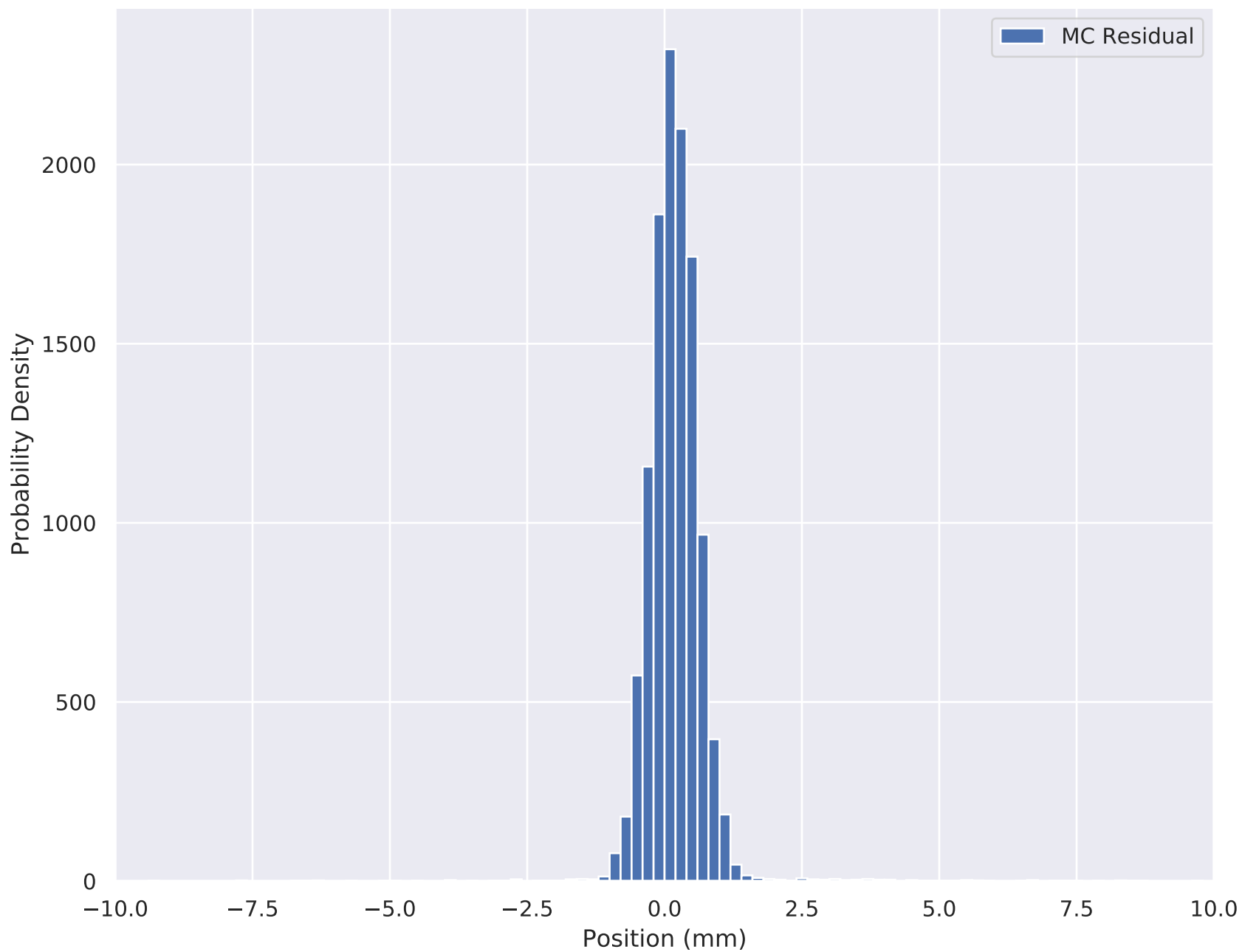




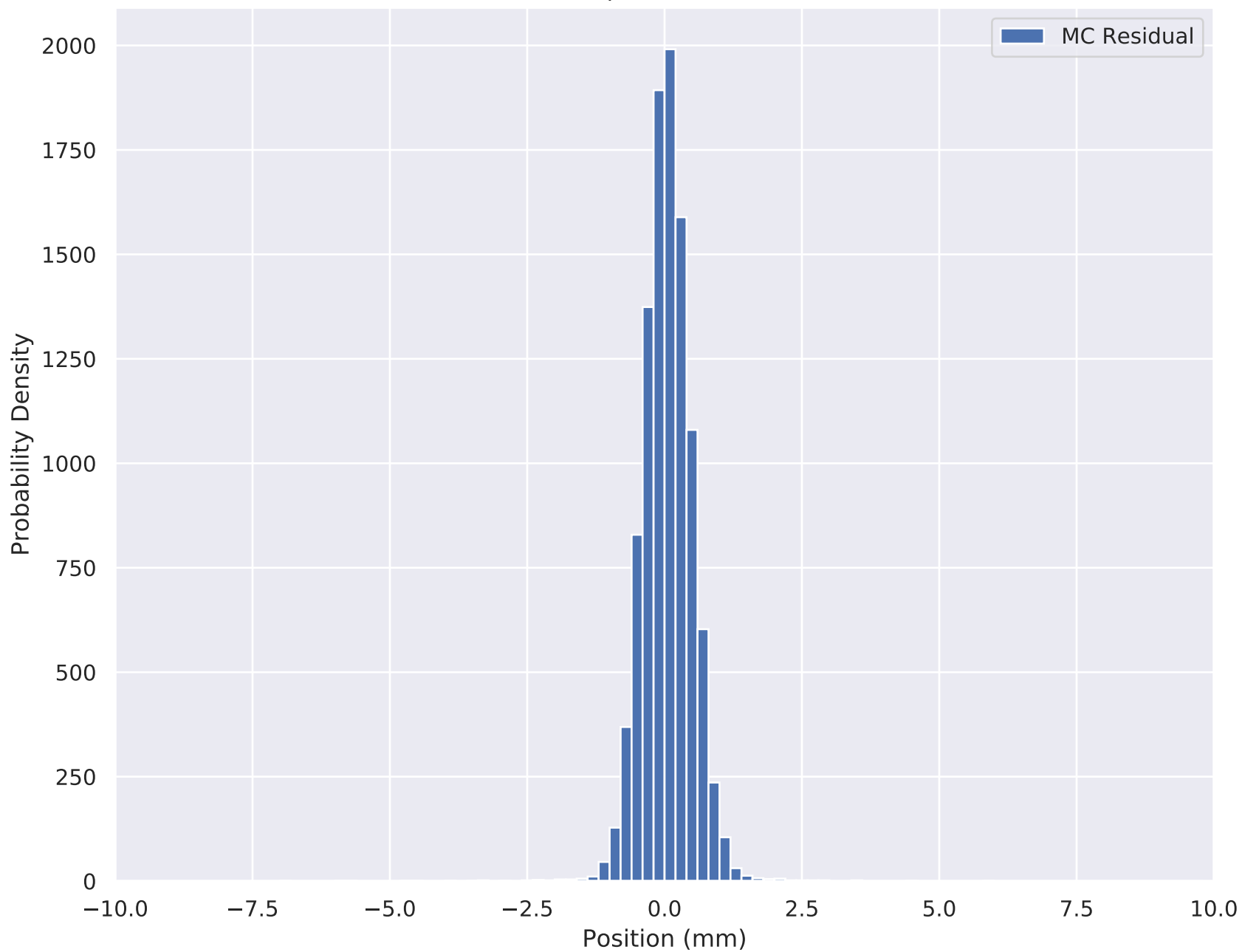
6-140 No Absorber Flip X Residual (TOF2 cut) TKD S1



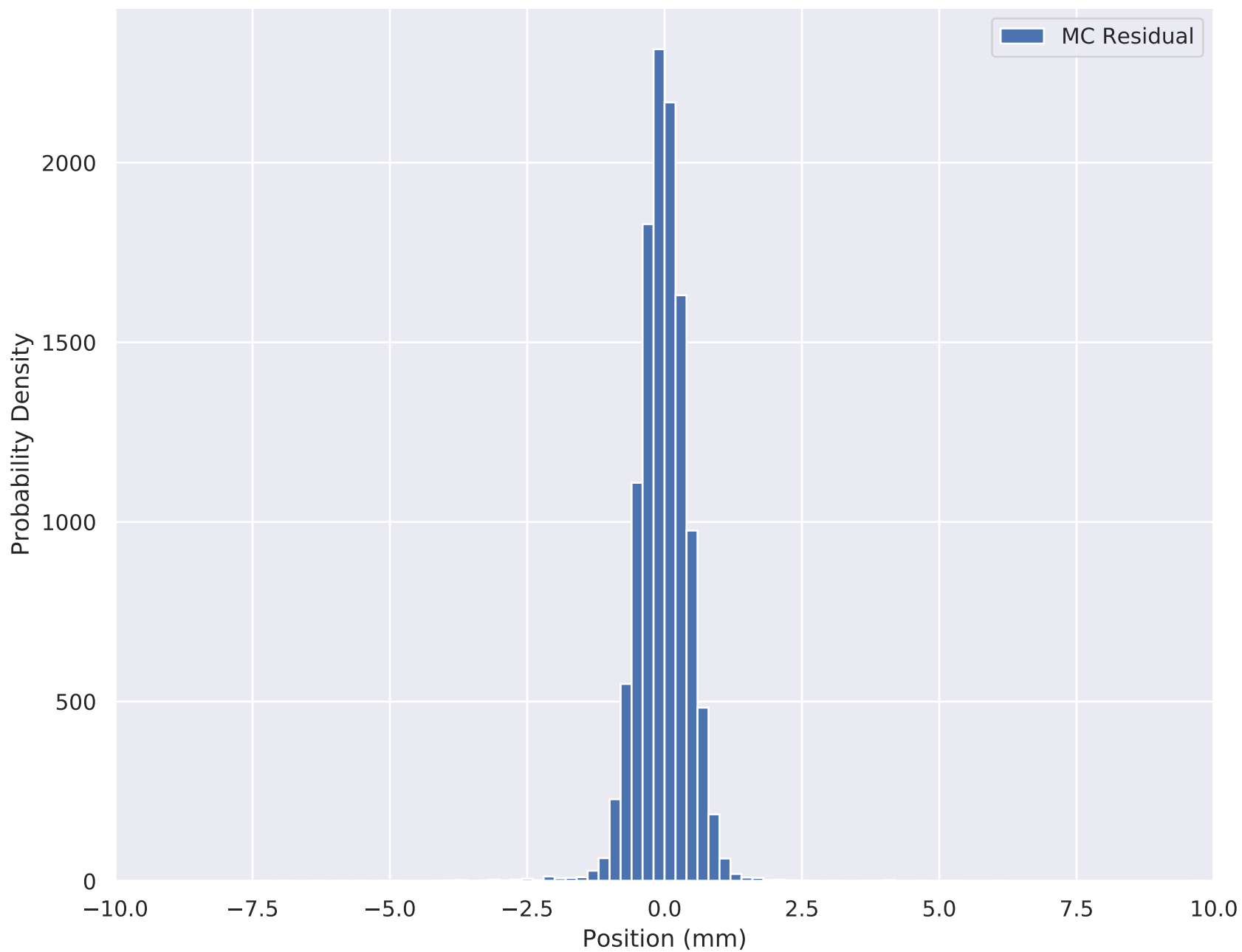
6-140 No Absorber Solenoid X Residual (TOF2 cut) TKD S1



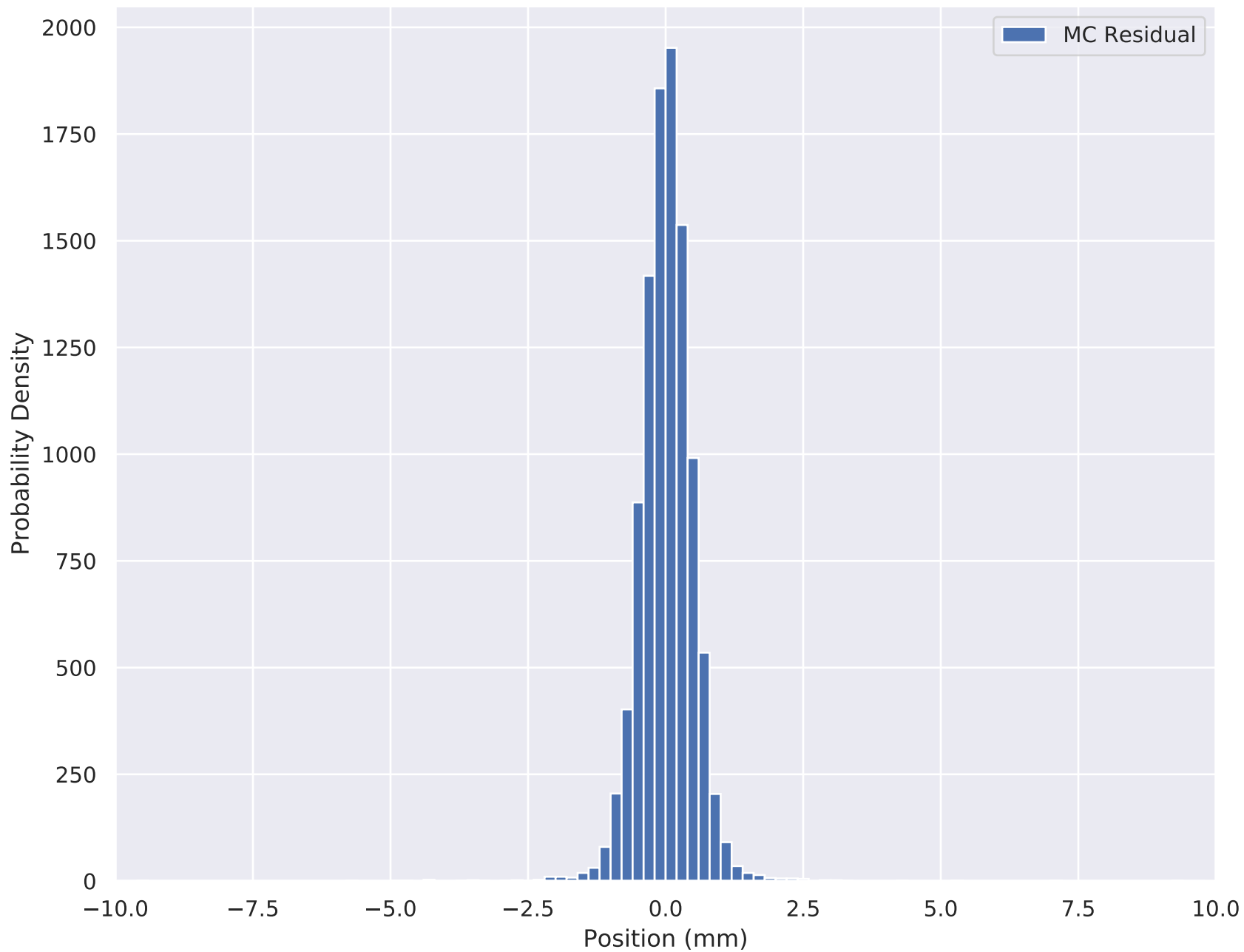
6-140 No Absorber Flip X Residual (TOF2 cut) TKD S2



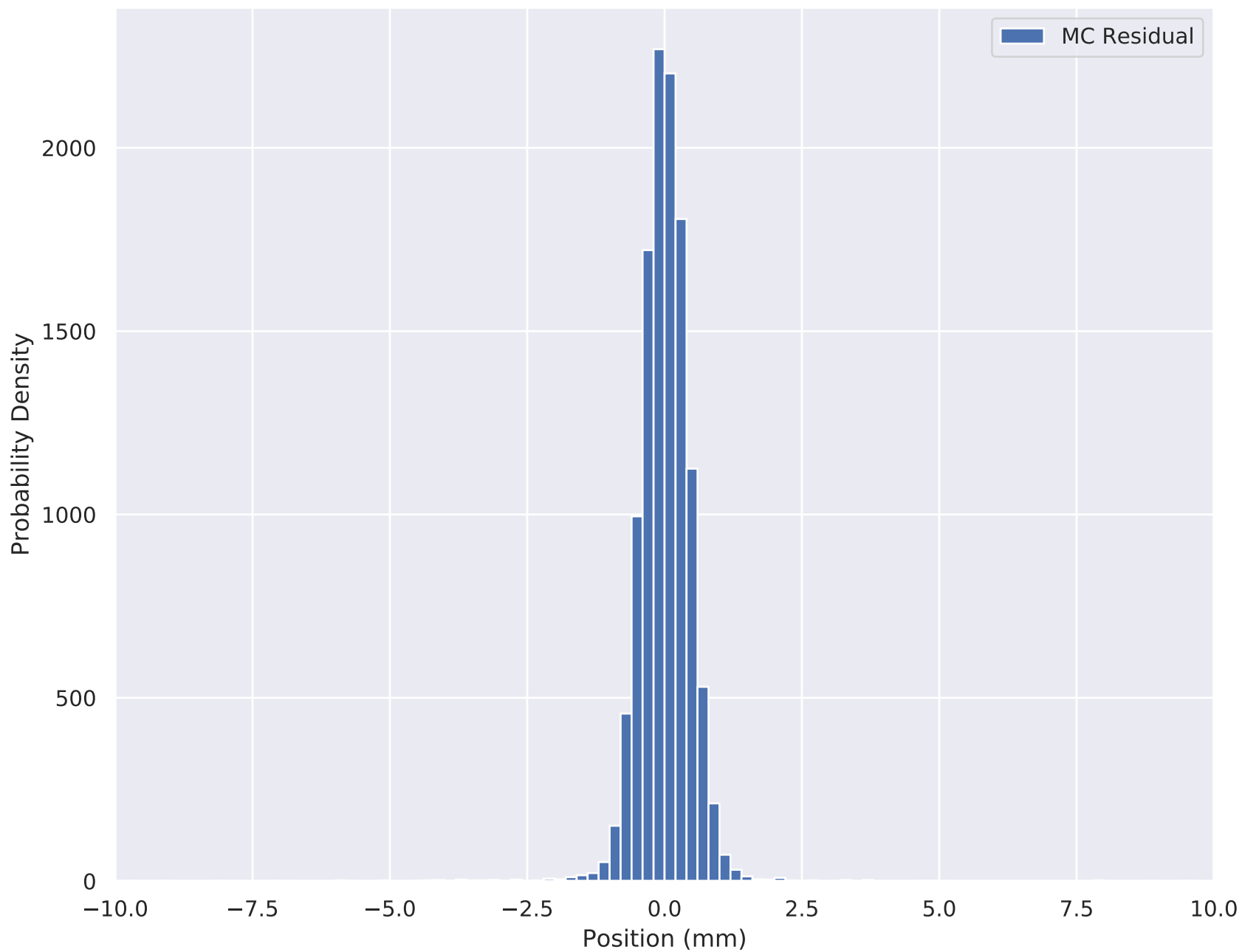
6-140 No Absorber Solenoid X Residual (TOF2 cut) TKD S2



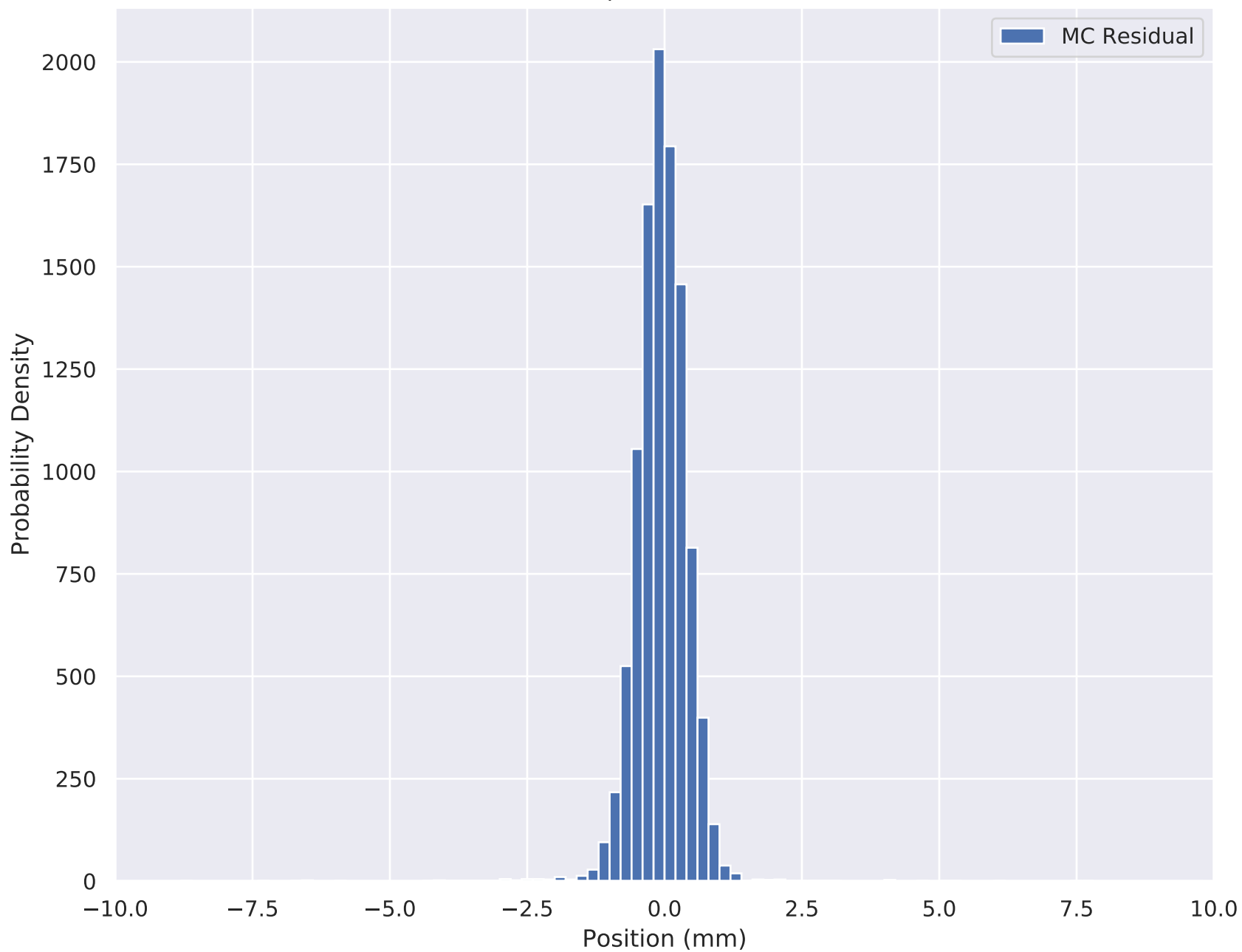
6-140 No Absorber Flip X Residual (TOF2 cut) TKD S3



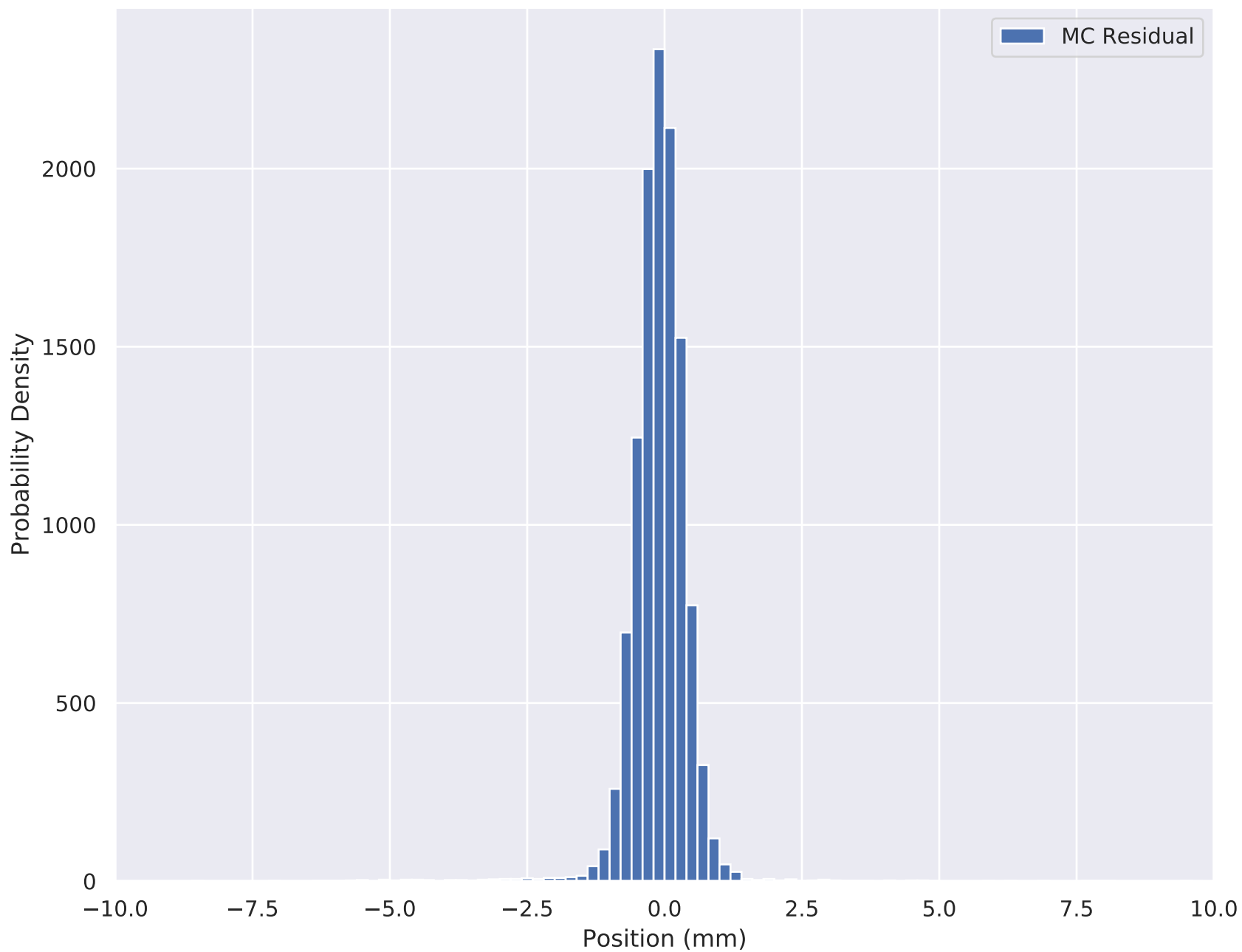
6-140 No Absorber Solenoid X Residual (TOF2 cut) TKD S3



6-140 No Absorber Flip X Residual (TOF2 cut) TKD S4

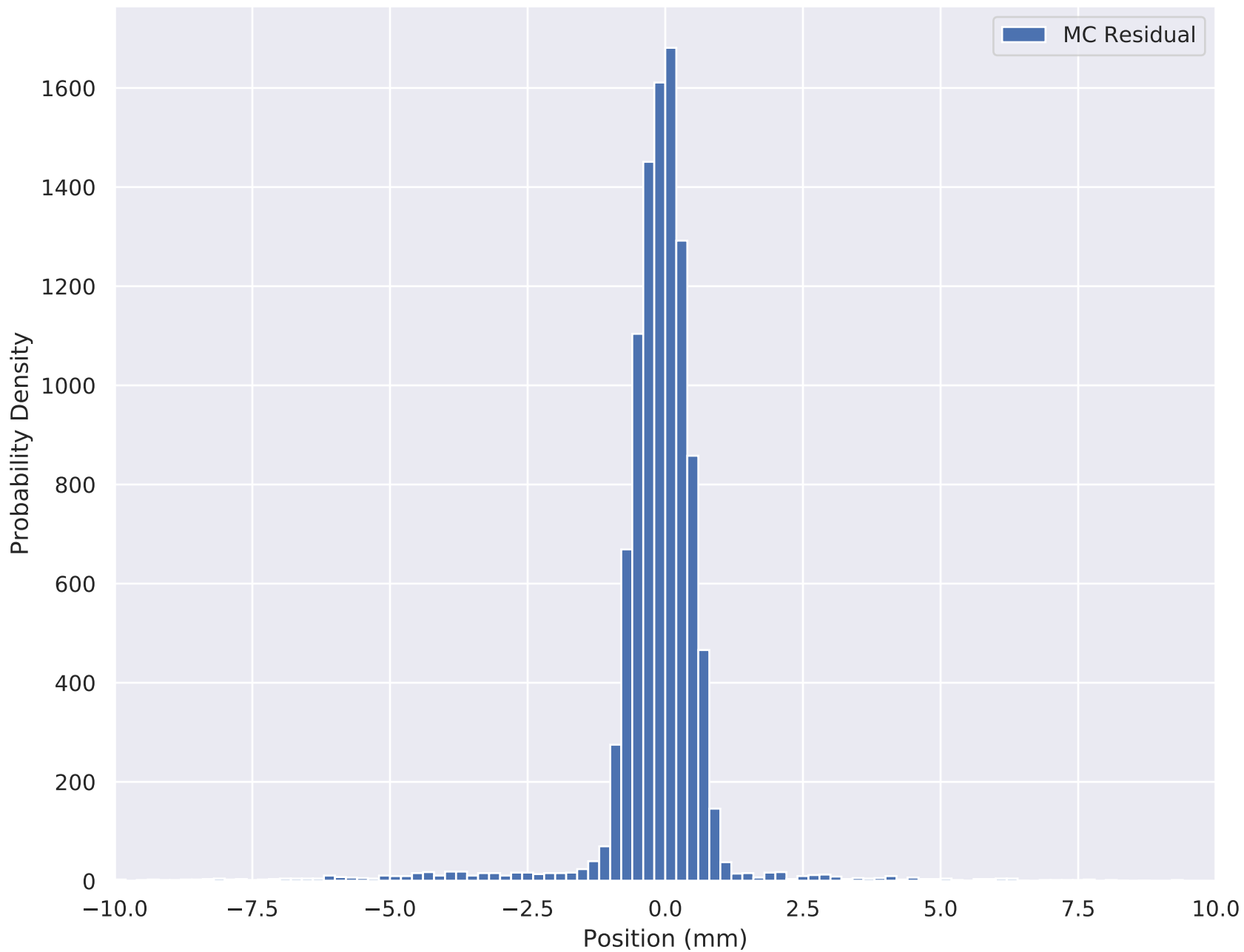


6-140 No Absorber Solenoid X Residual (TOF2 cut) TKD S4

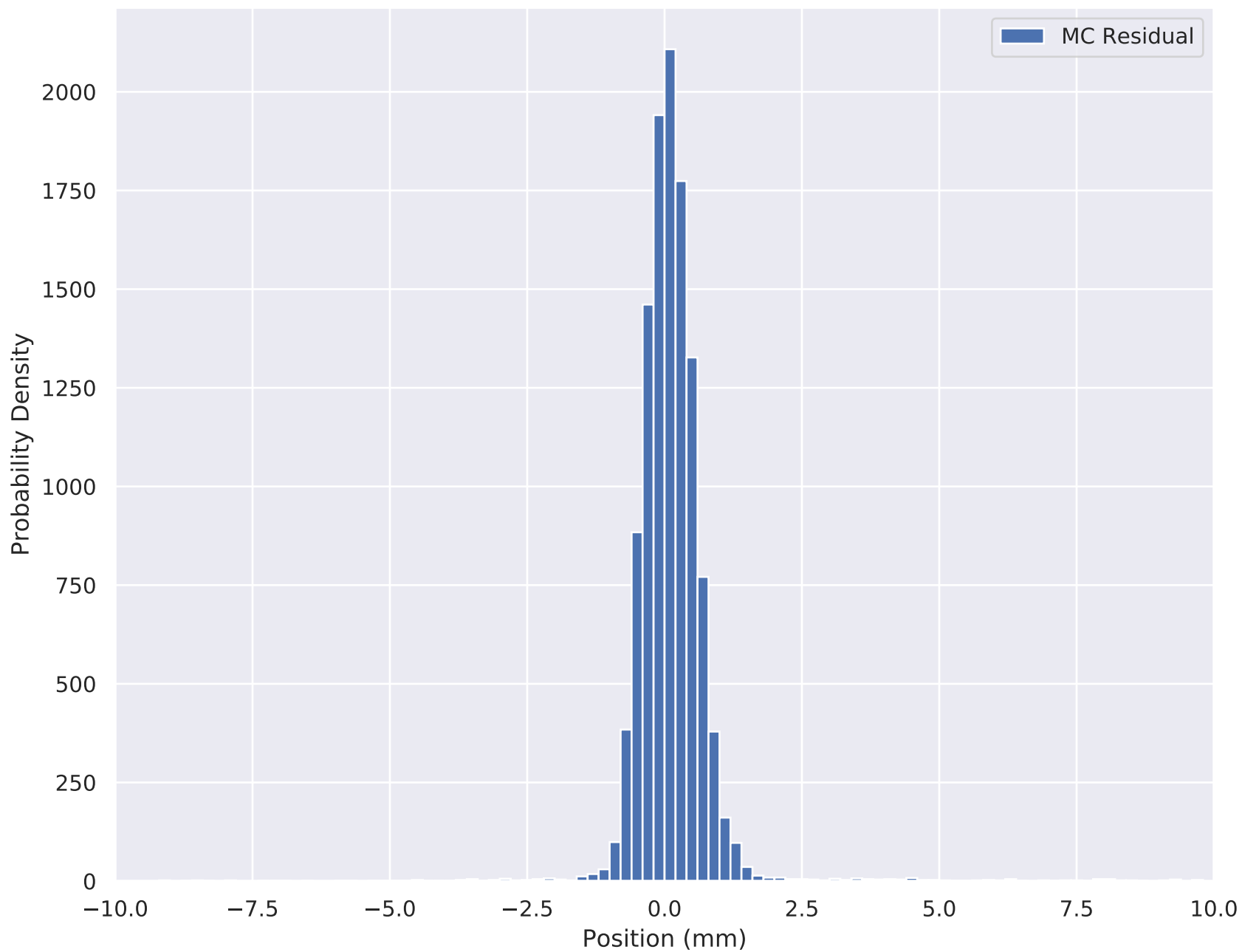




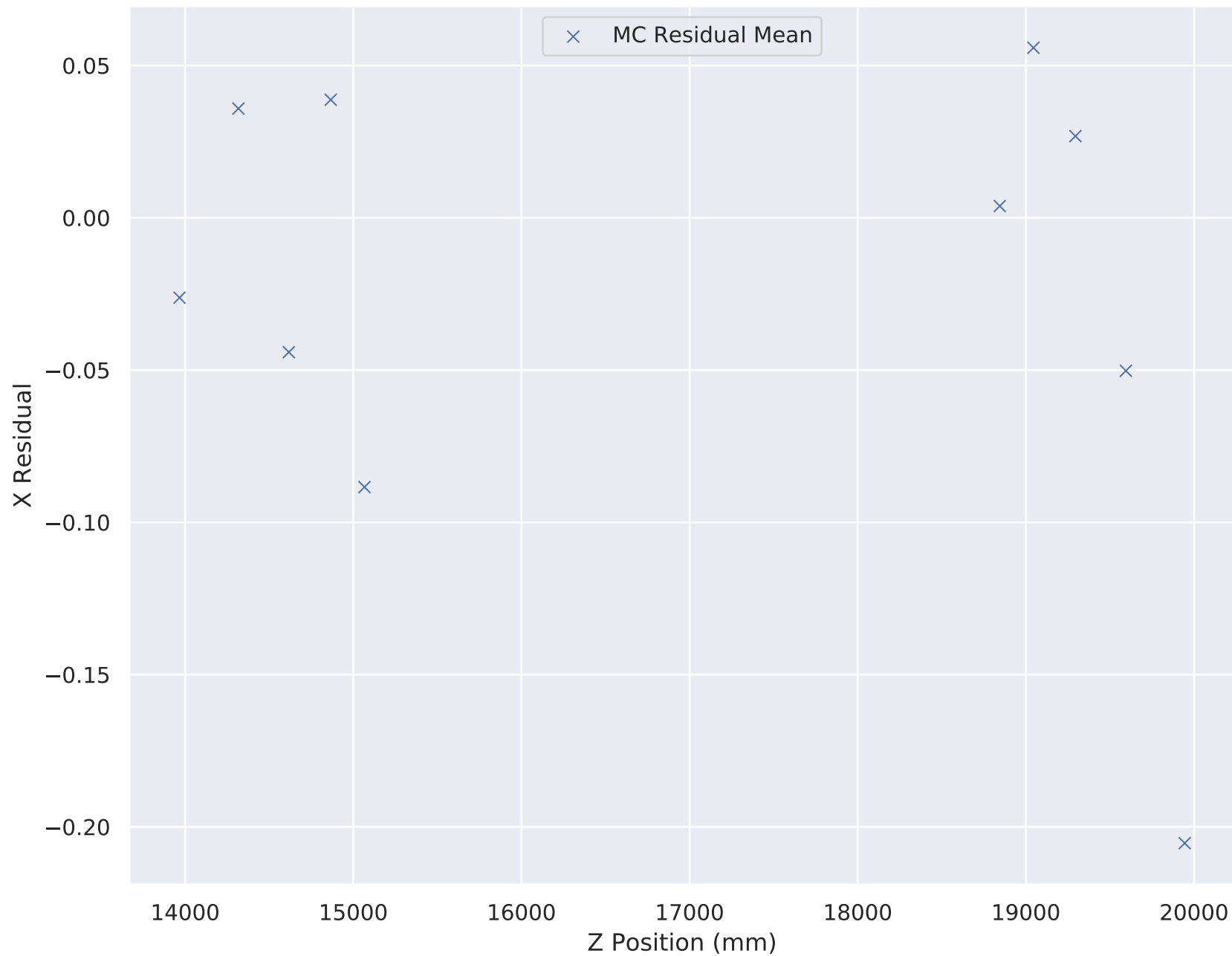
6-140 No Absorber Flip X Residual (TOF2 cut) TKD S5



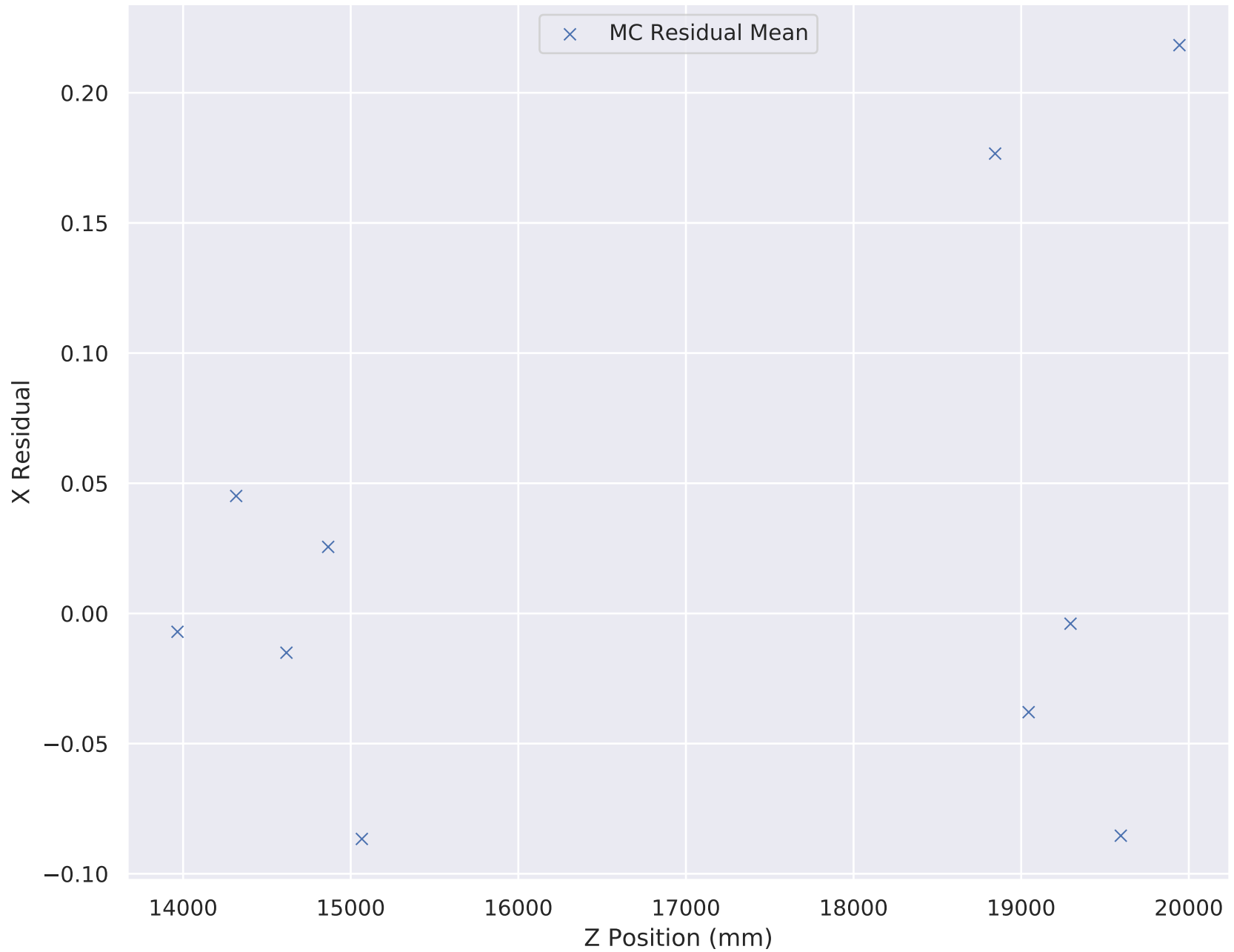
6-140 No Absorber Solenoid X Residual (TOF2 cut) TKD S5



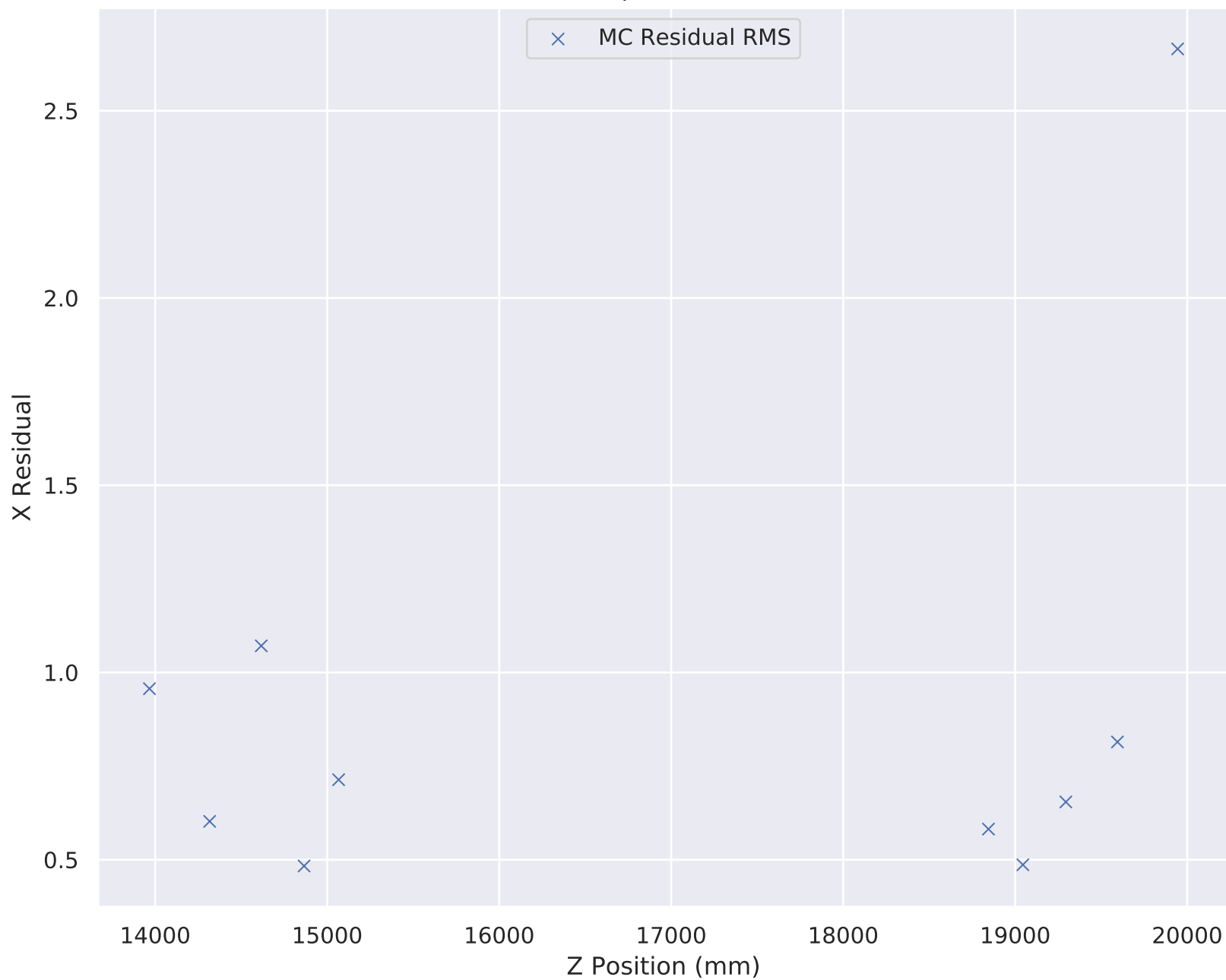
6-140 No Absorber Flip X Residual Mean (TOF2 cut)



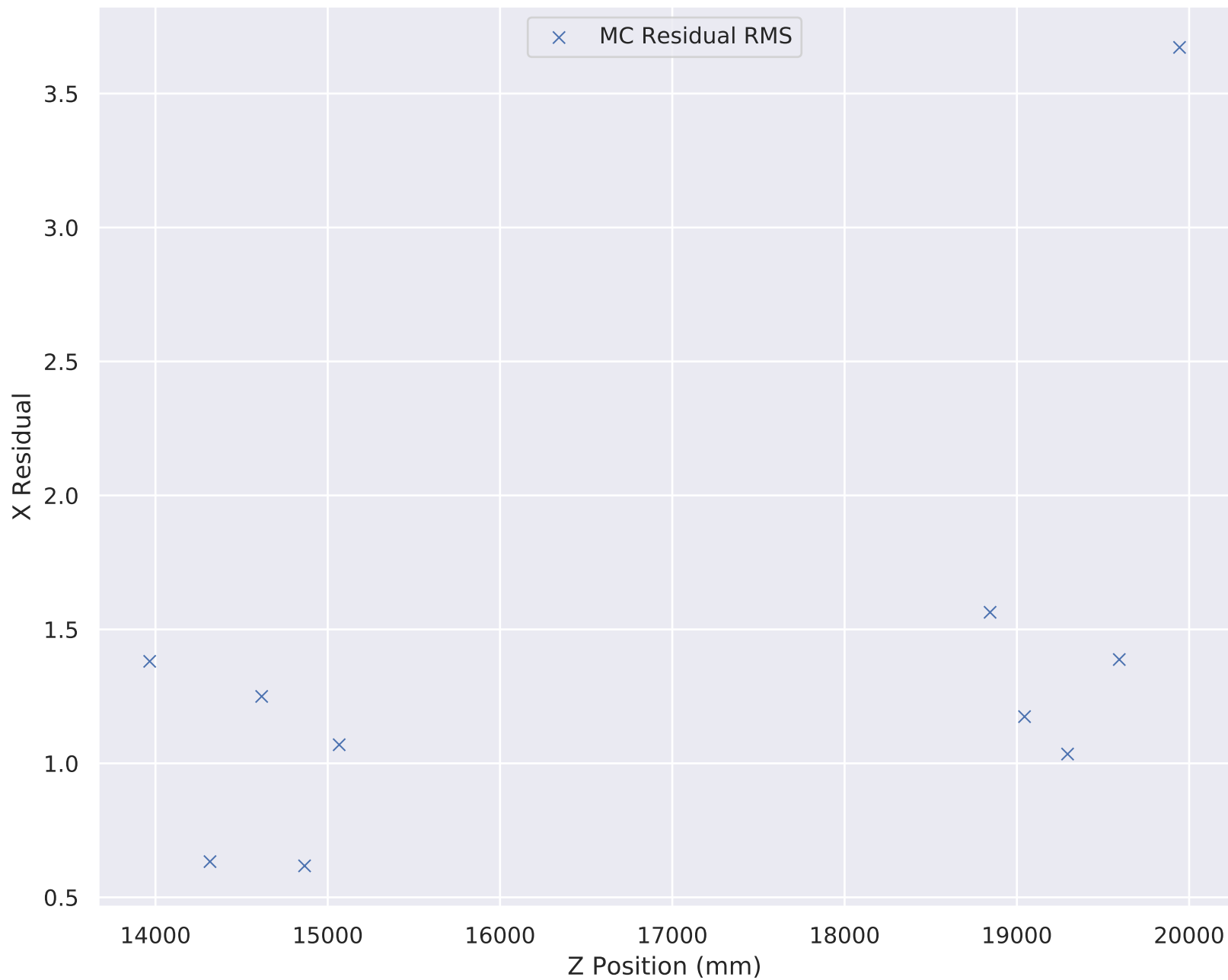
6-140 No Absorber Solenoid X Residual Mean (TOF2 cut)



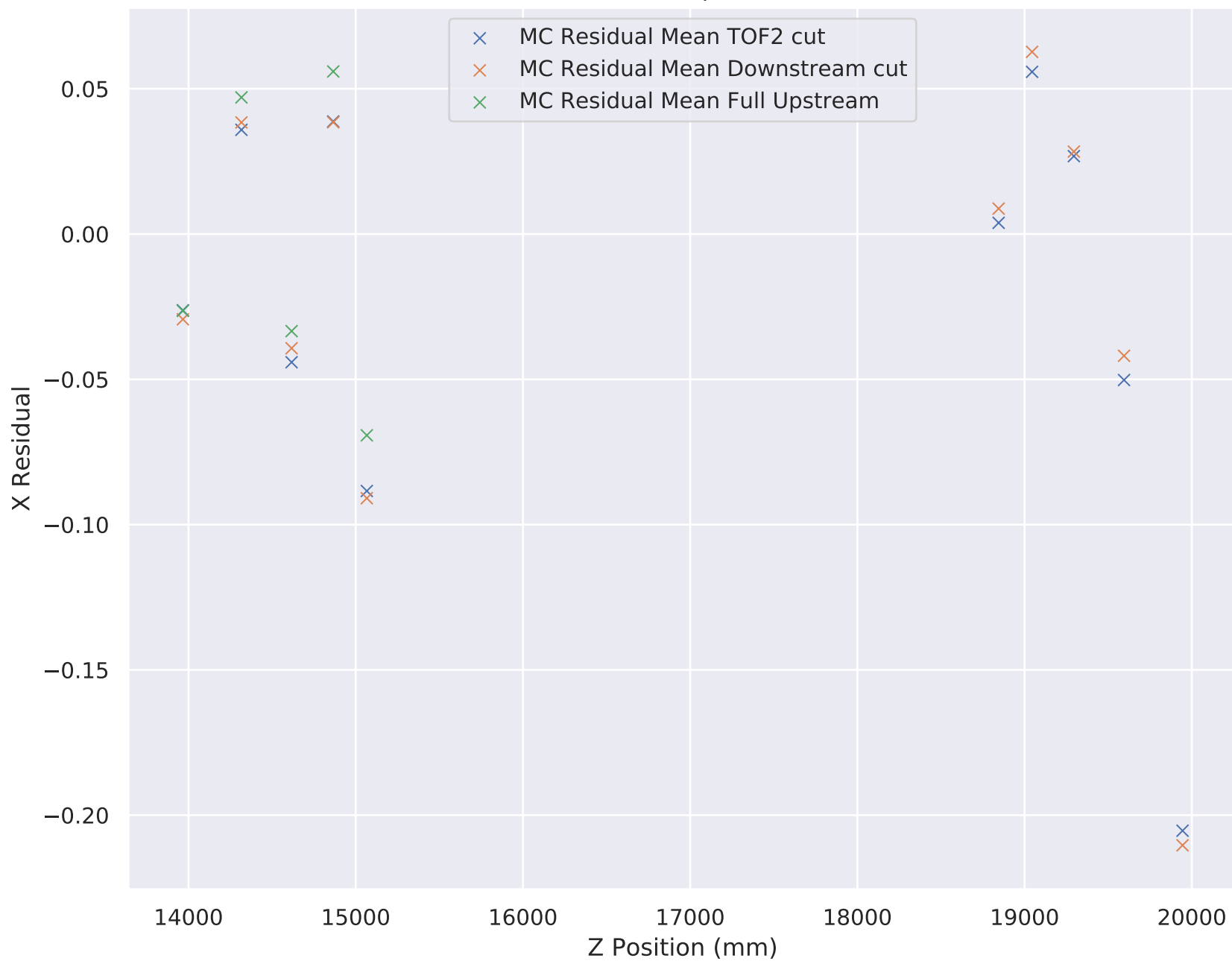
6-140 No Absorber Flip X Residual RMS (TOF2 cut)



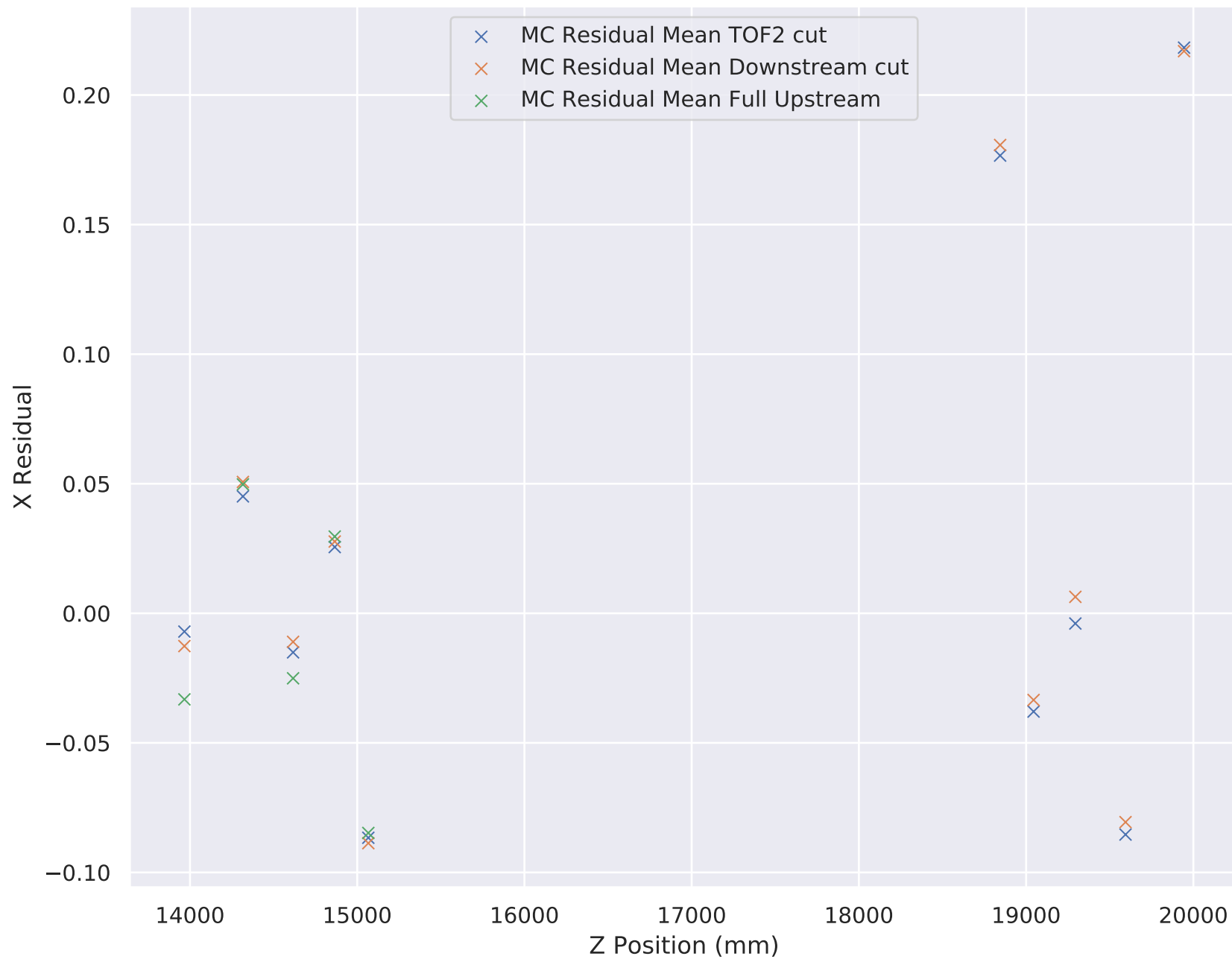
6-140 No Absorber Solenoid X Residual RMS (TOF2 cut)



6-140 No Absorber Flip X Residual Mean

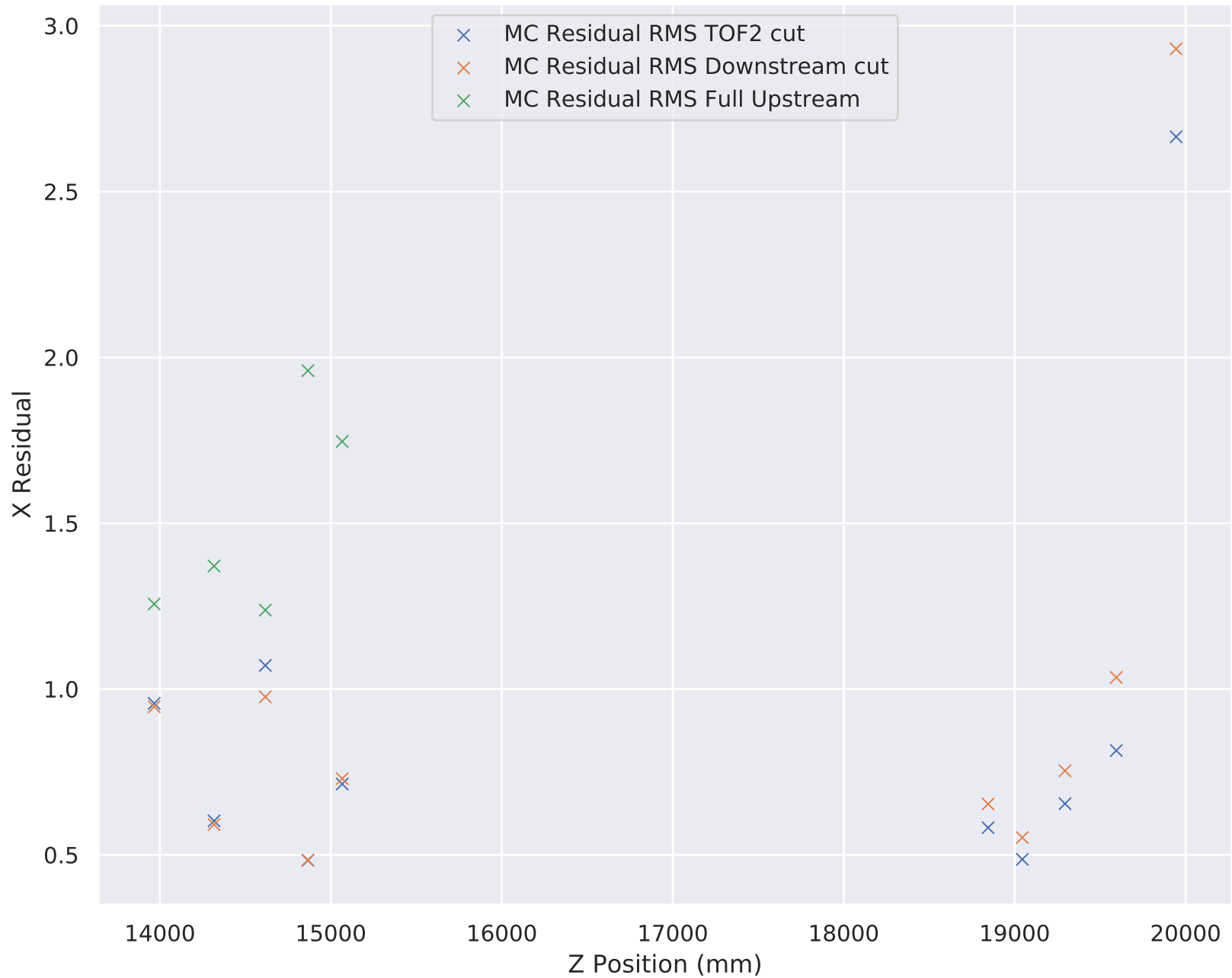


6-140 No Absorber Solenoid X Residual Mean

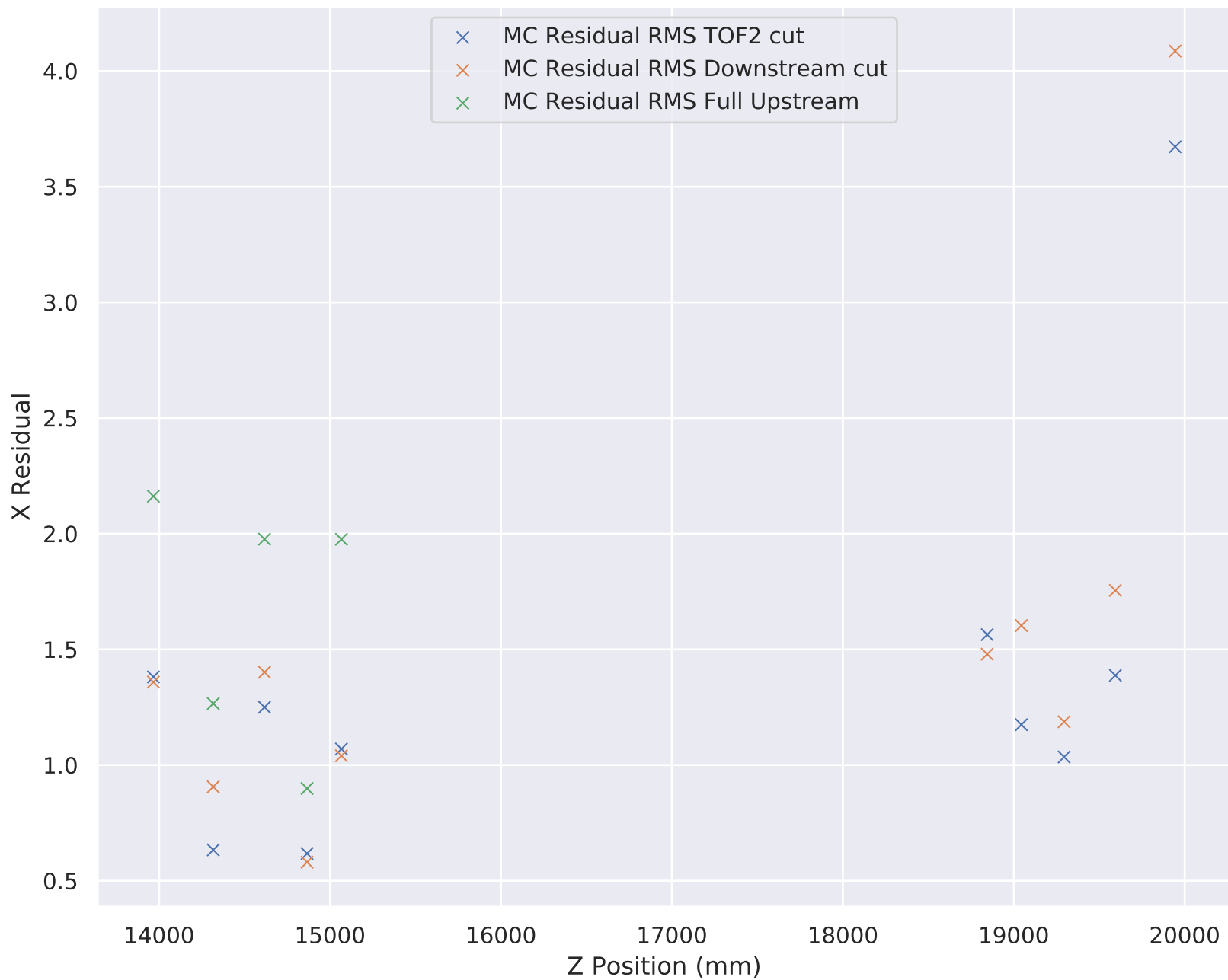




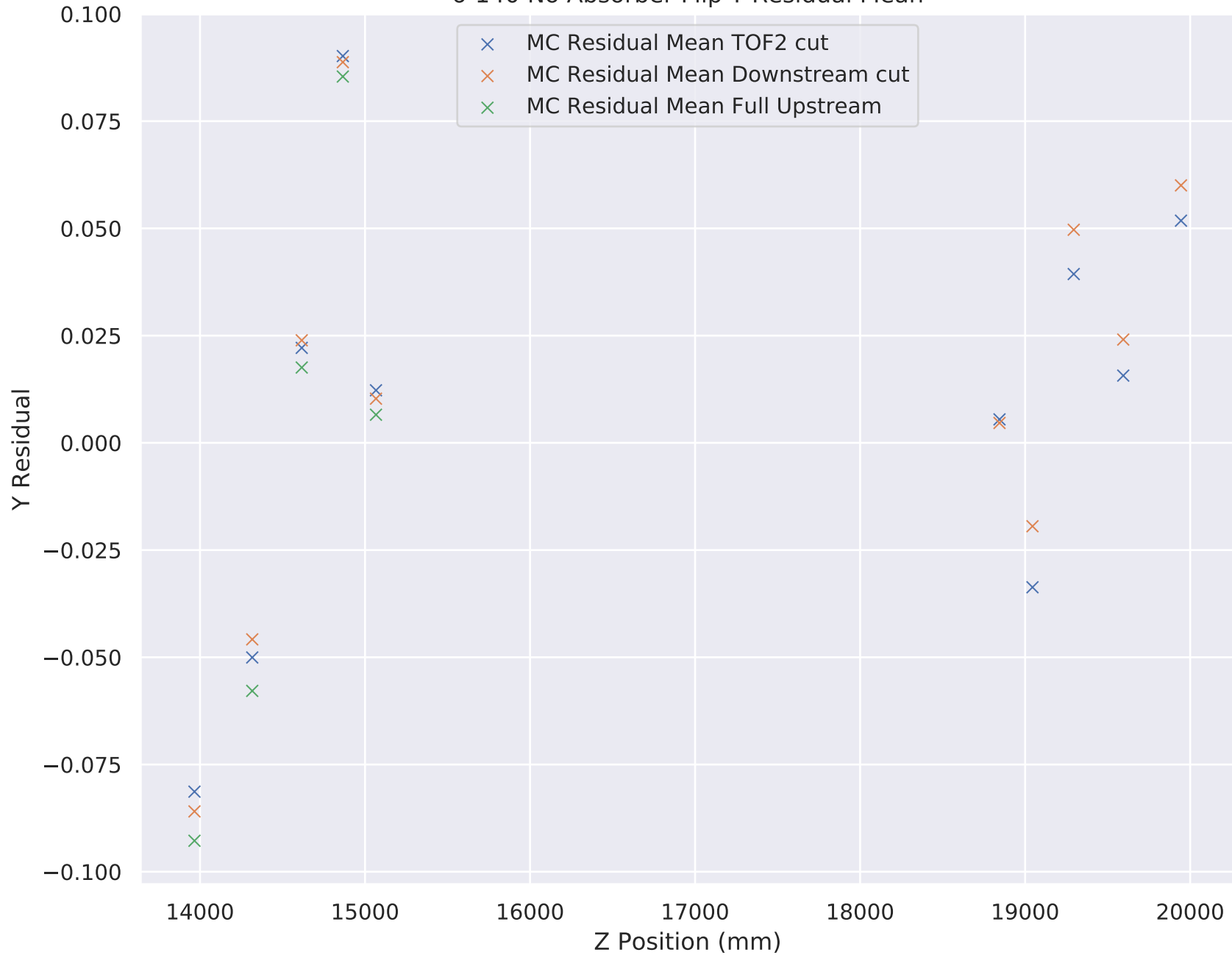
6-140 No Absorber Flip X Residual RMS



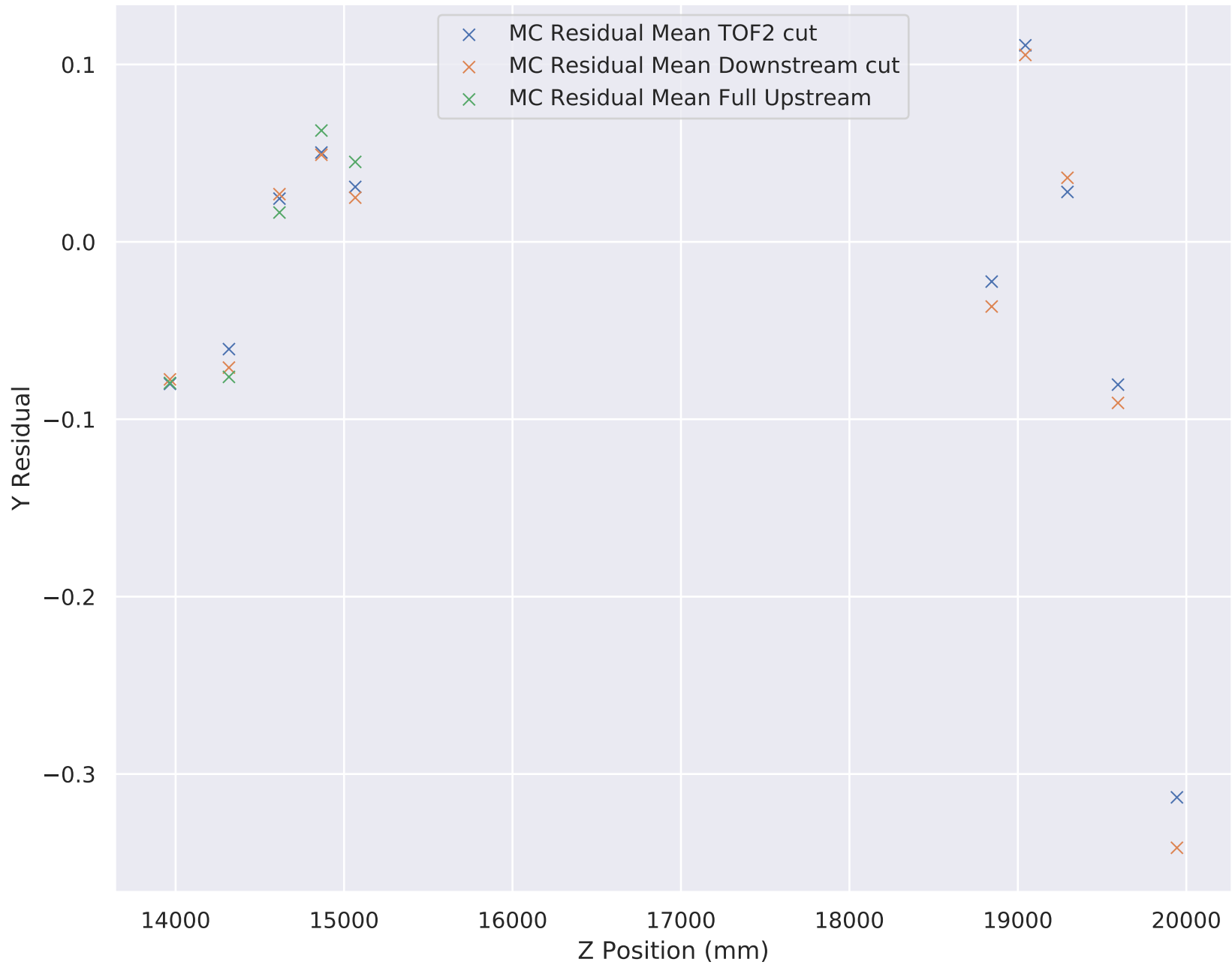
6-140 No Absorber Solenoid X Residual RMS



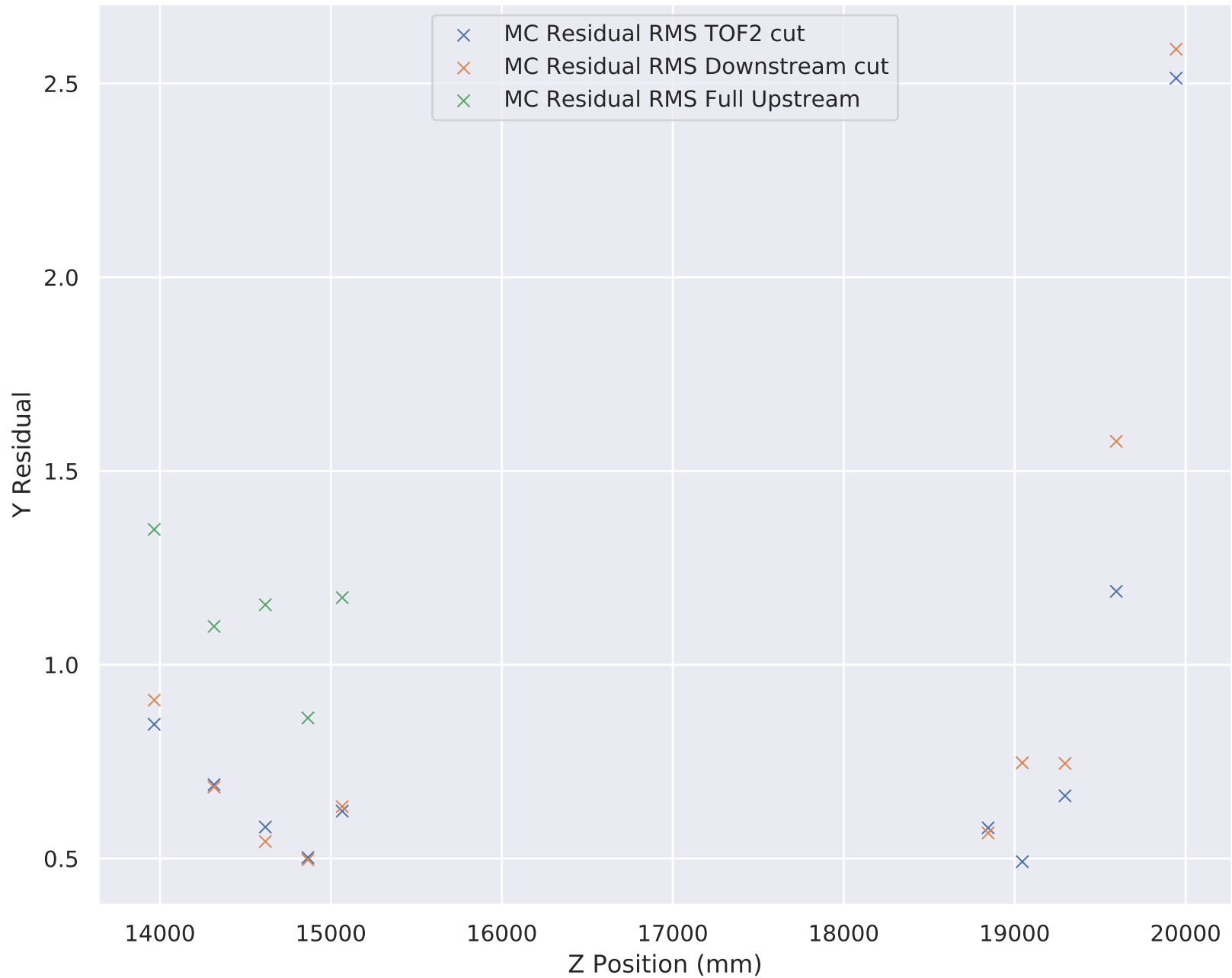
6-140 No Absorber Flip Y Residual Mean



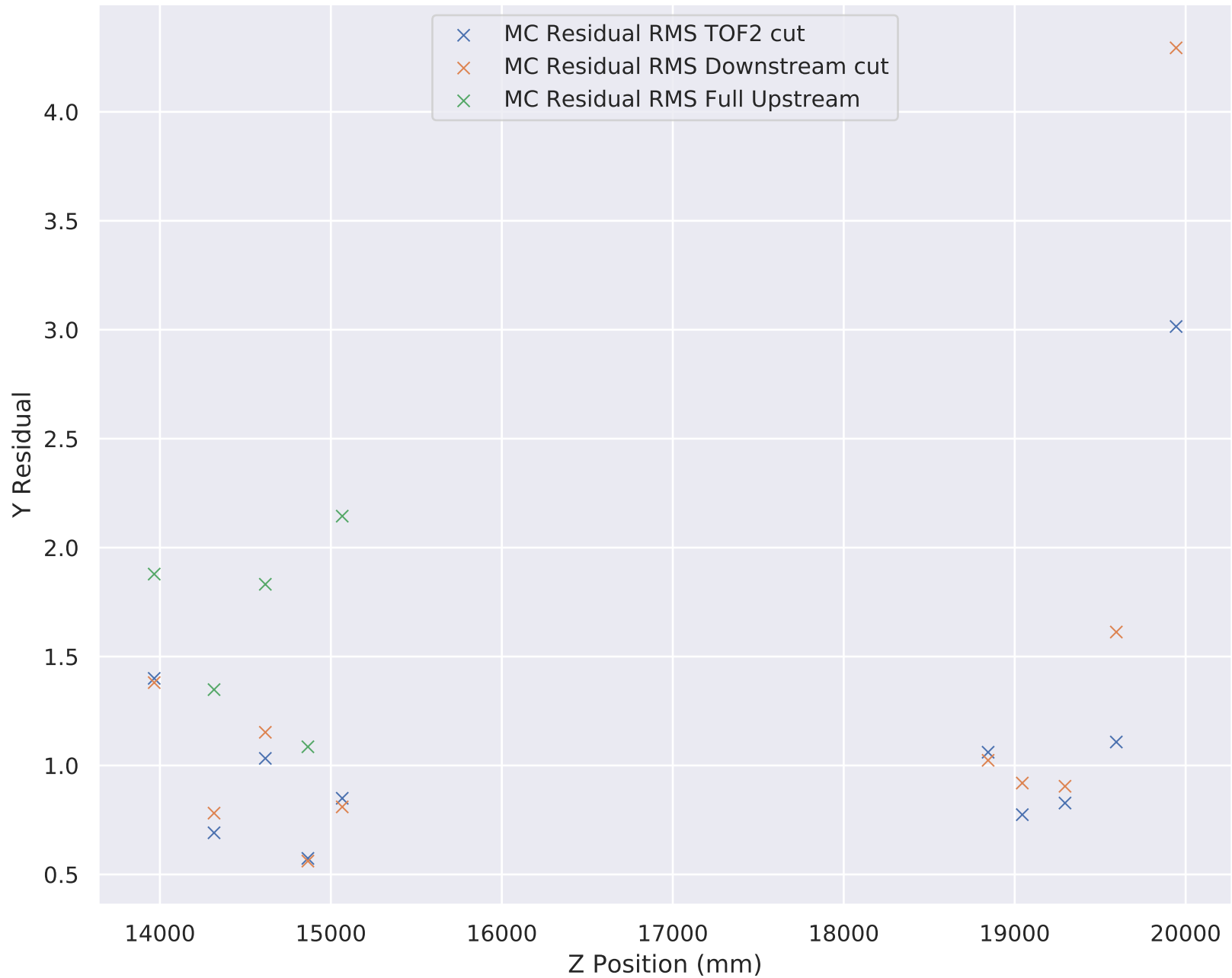
6-140 No Absorber Solenoid Y Residual Mean



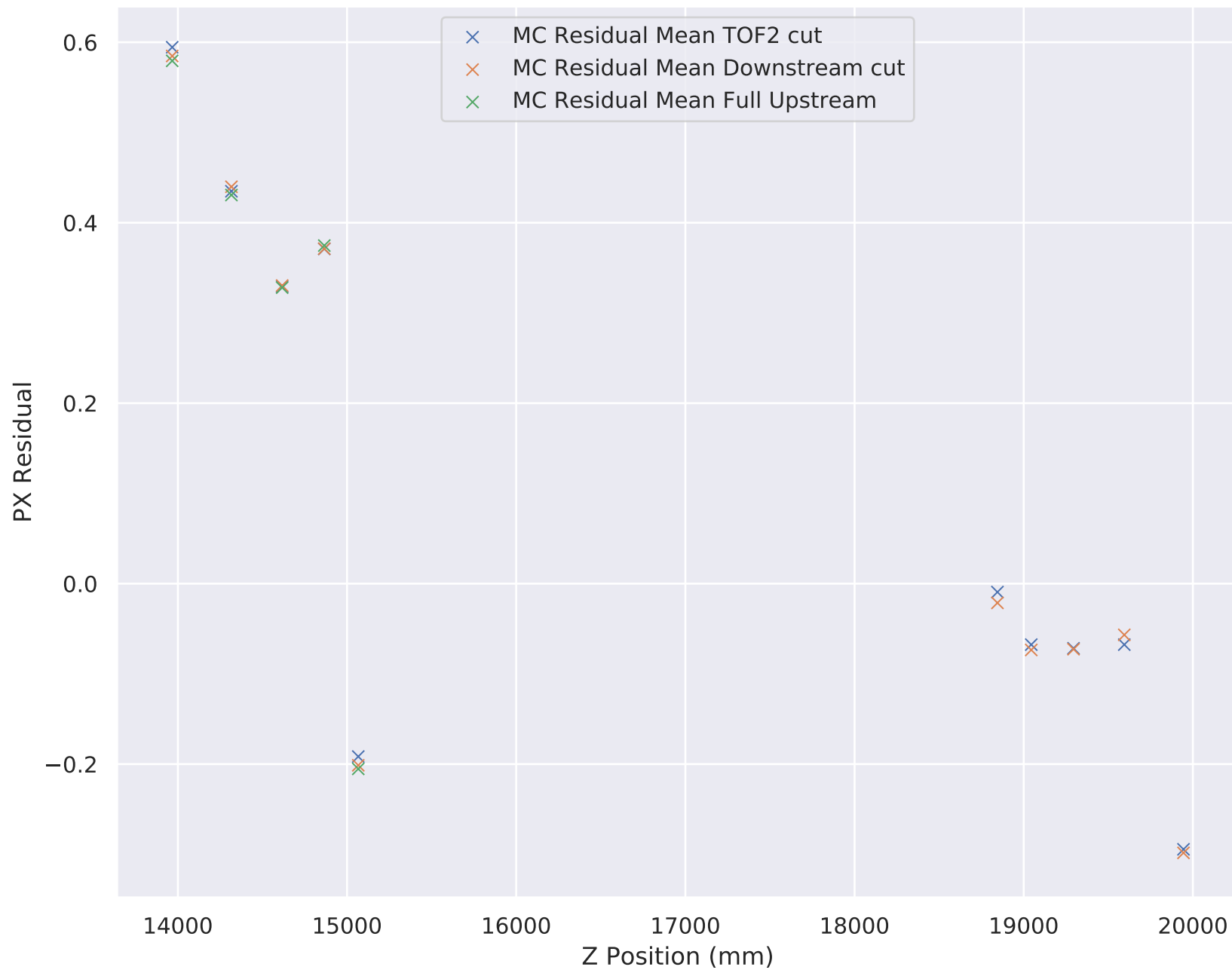
6-140 No Absorber Flip Y Residual RMS



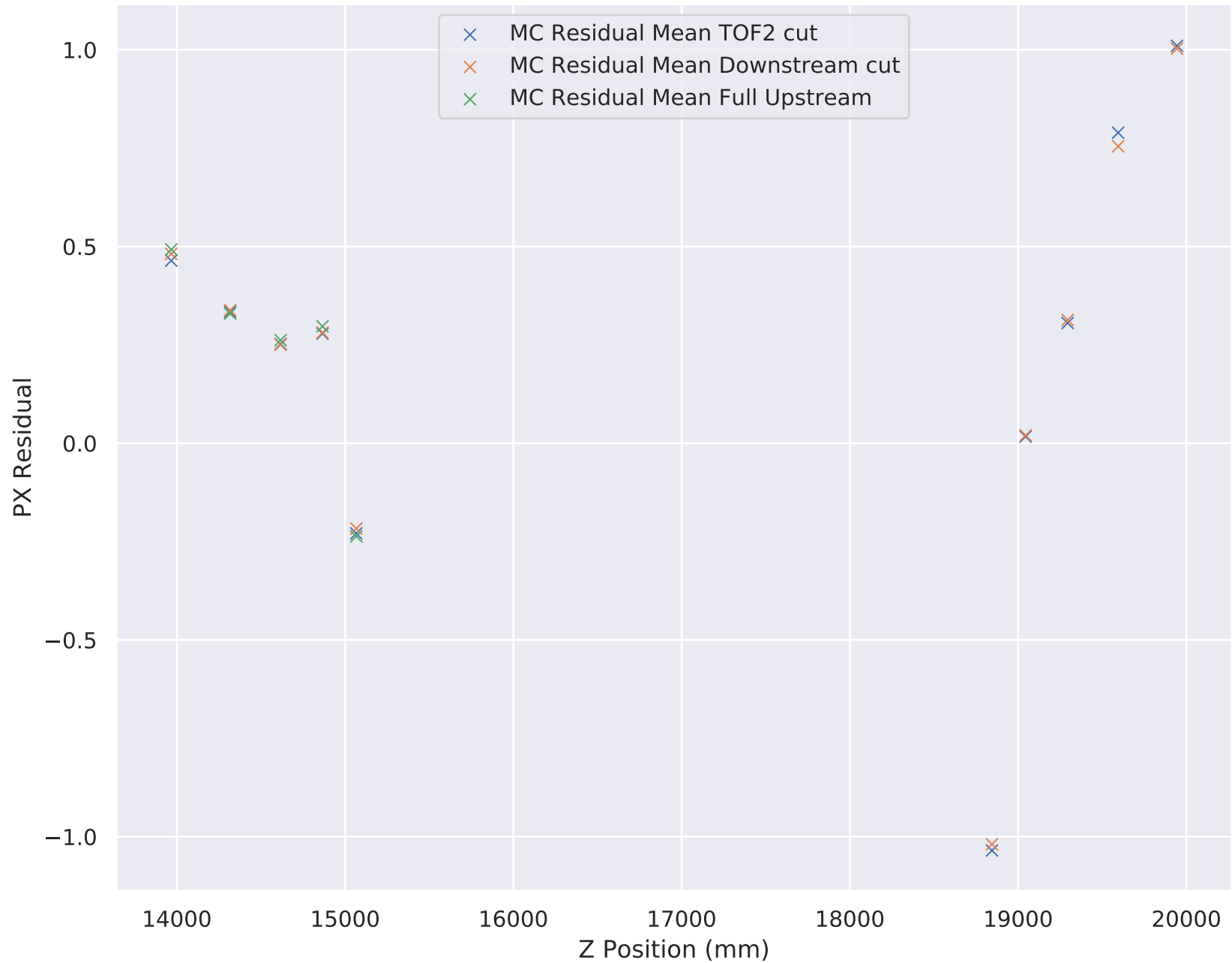
6-140 No Absorber Solenoid Y Residual RMS



6-140 No Absorber Flip PX Residual Mean

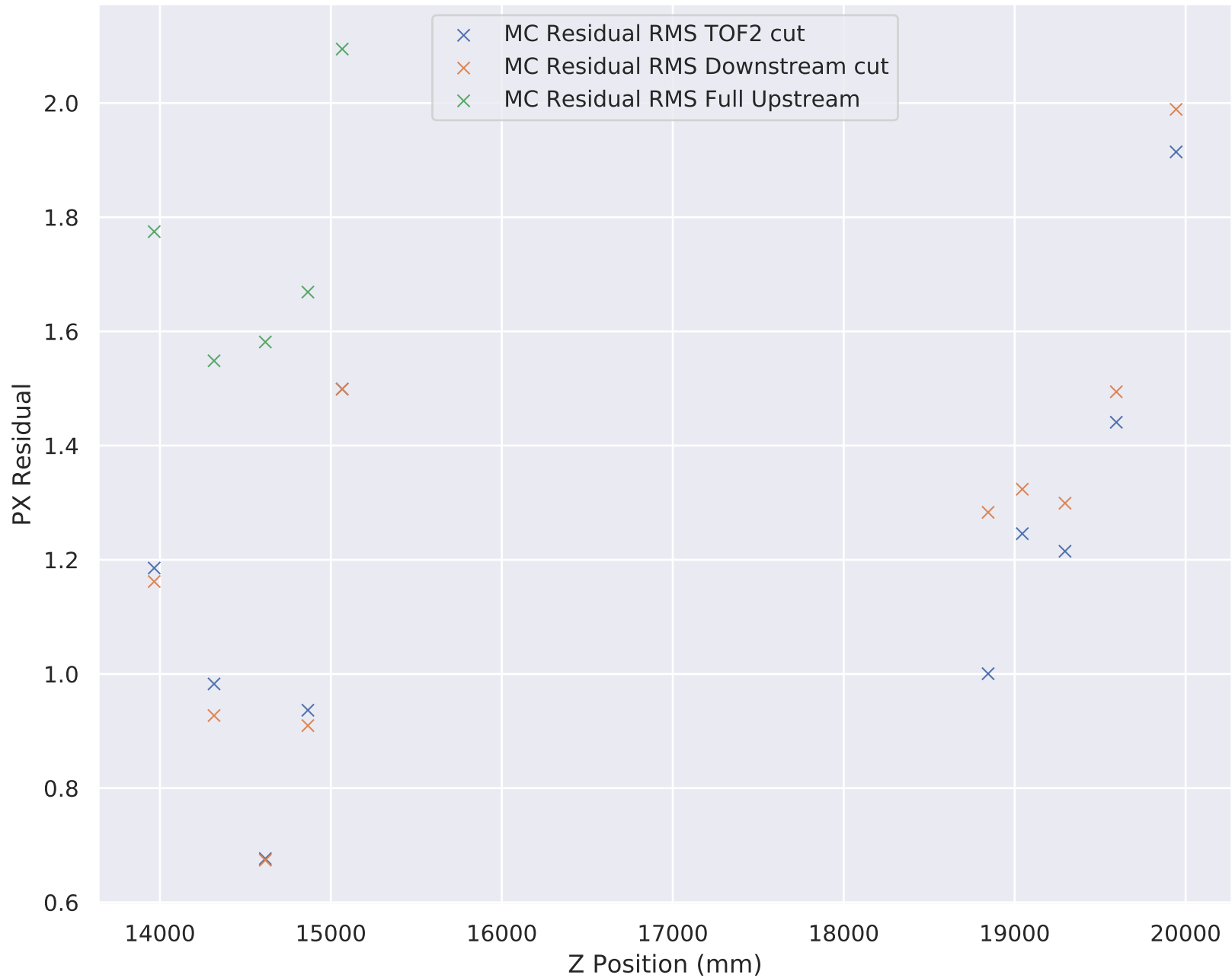


6-140 No Absorber Solenoid PX Residual Mean

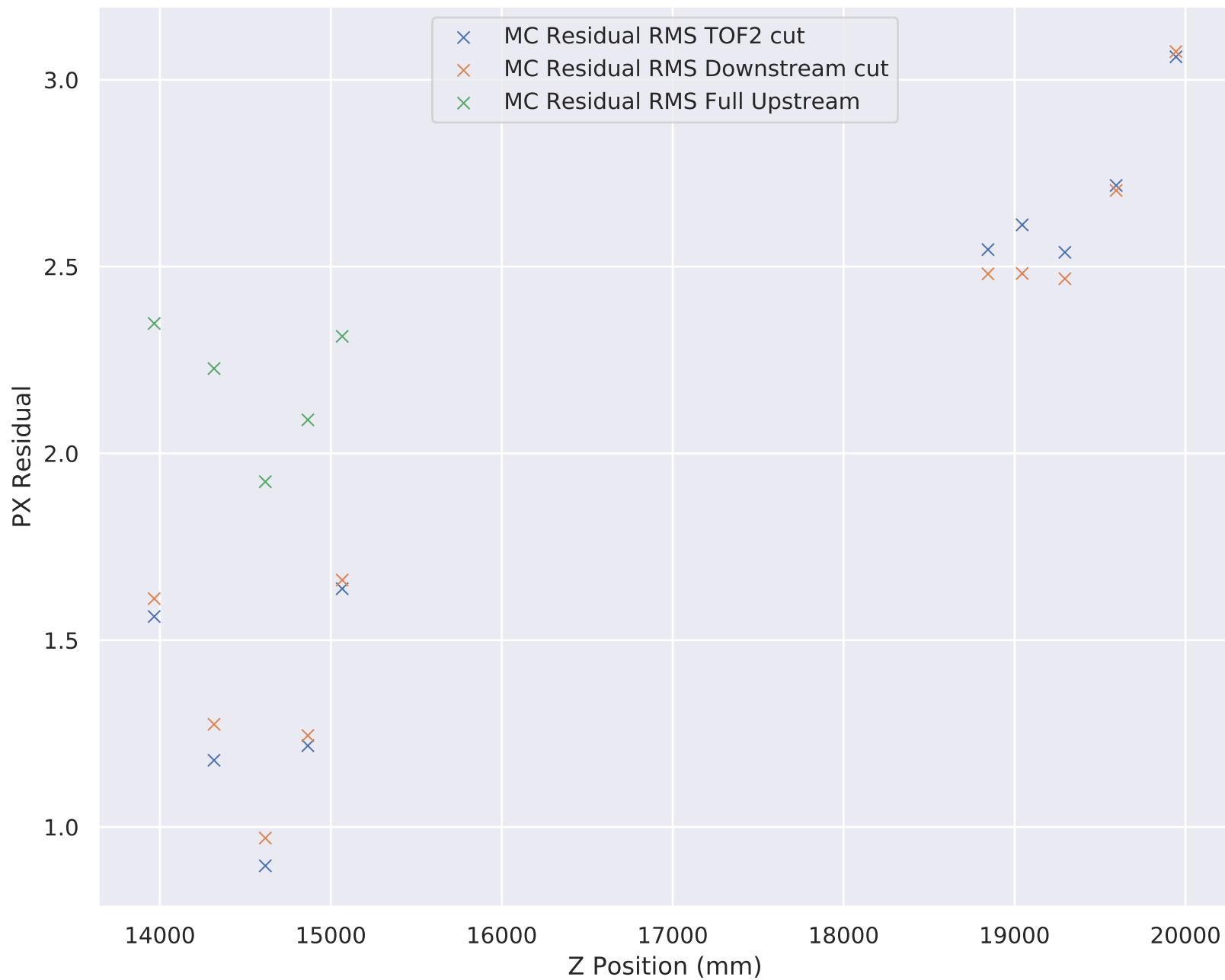




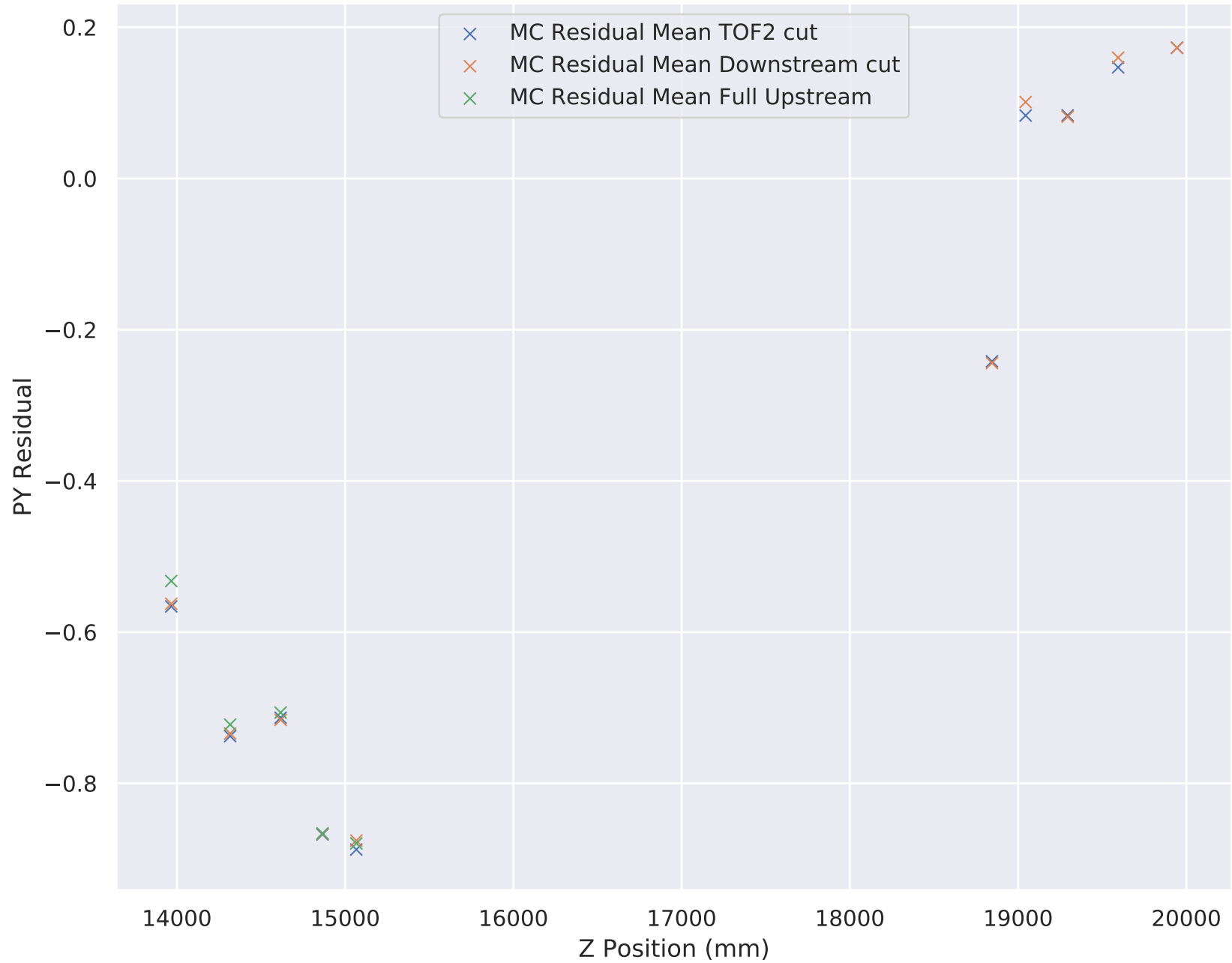
6-140 No Absorber Flip PX Residual RMS



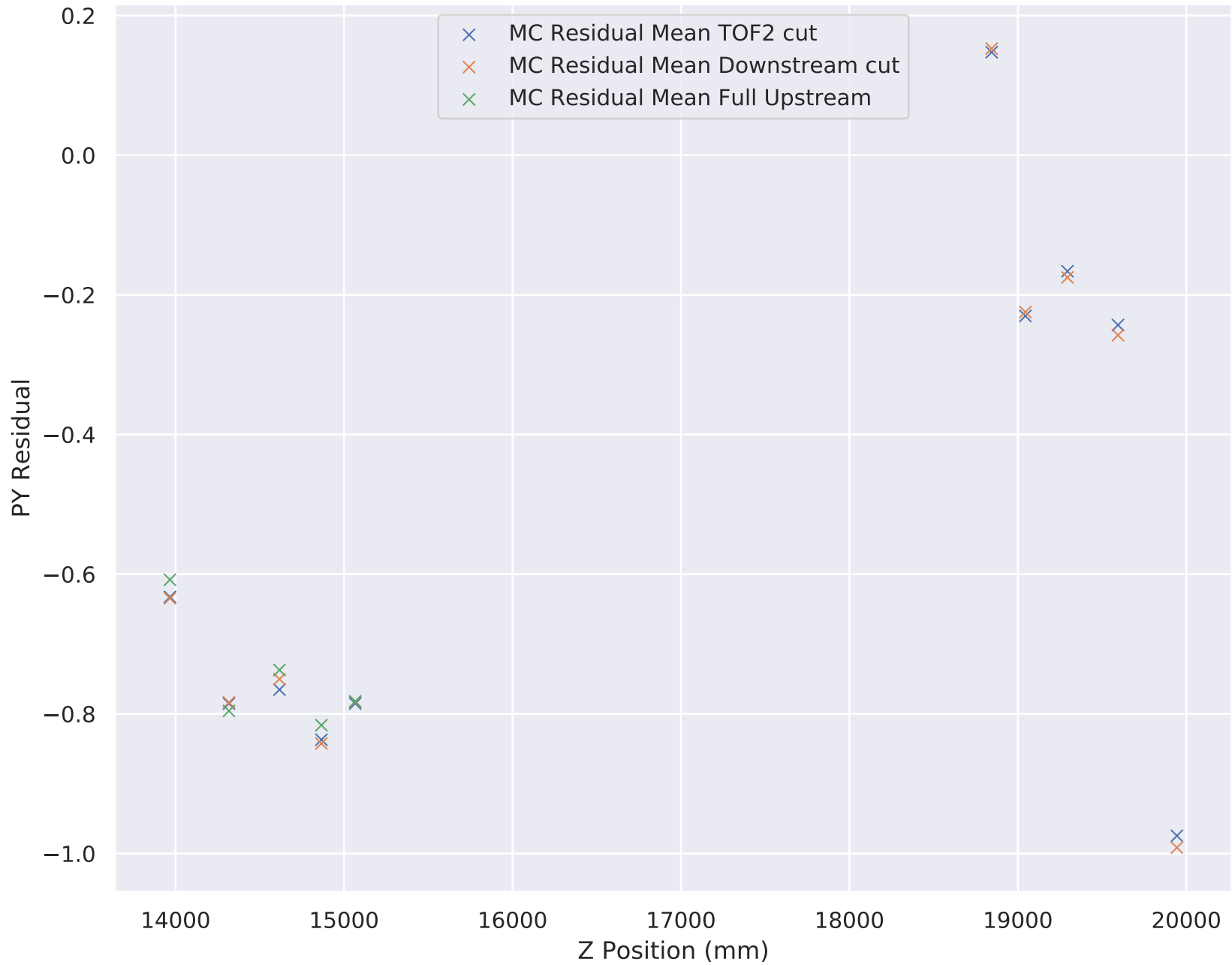
6-140 No Absorber Solenoid PX Residual RMS



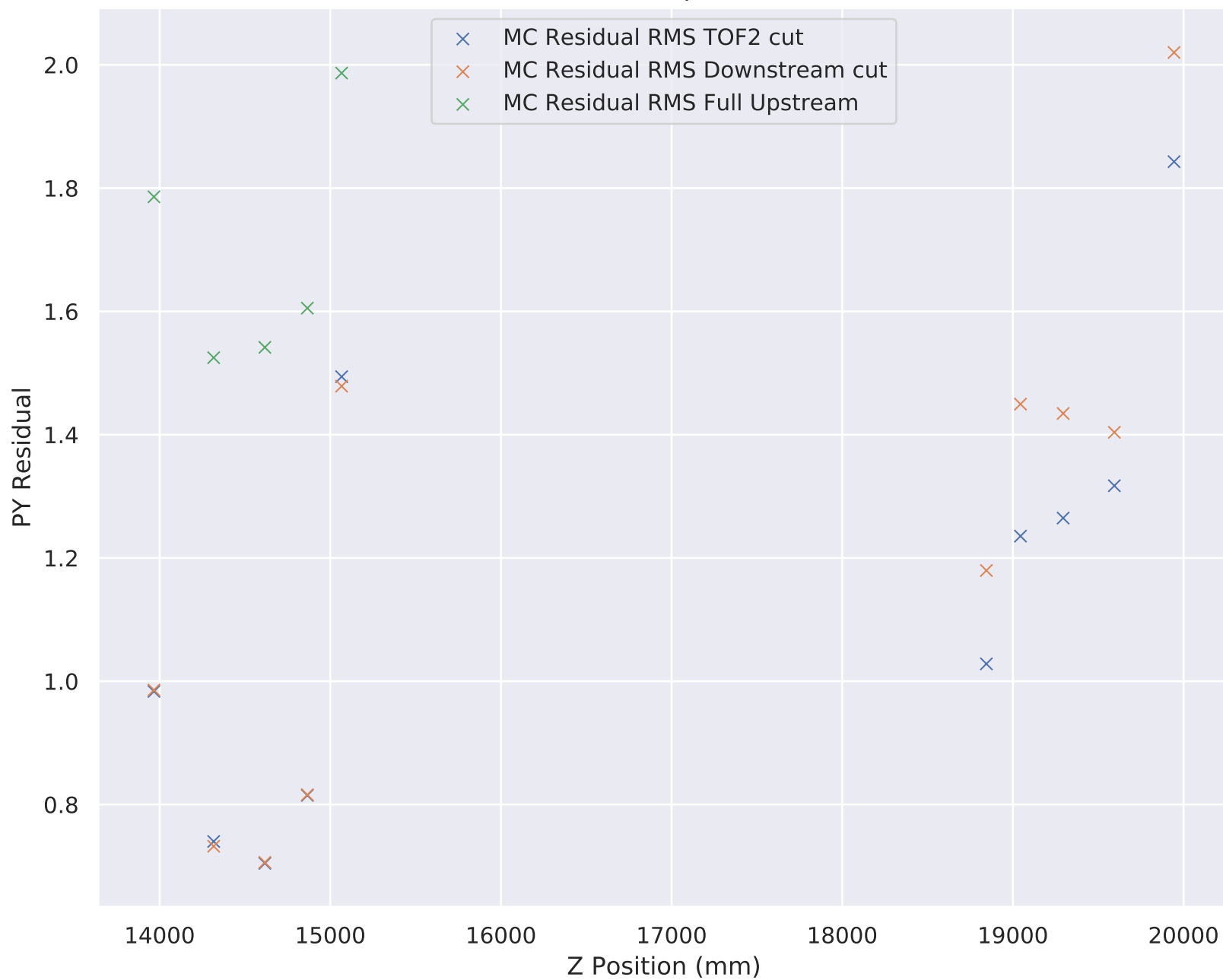
6-140 No Absorber Flip PY Residual Mean



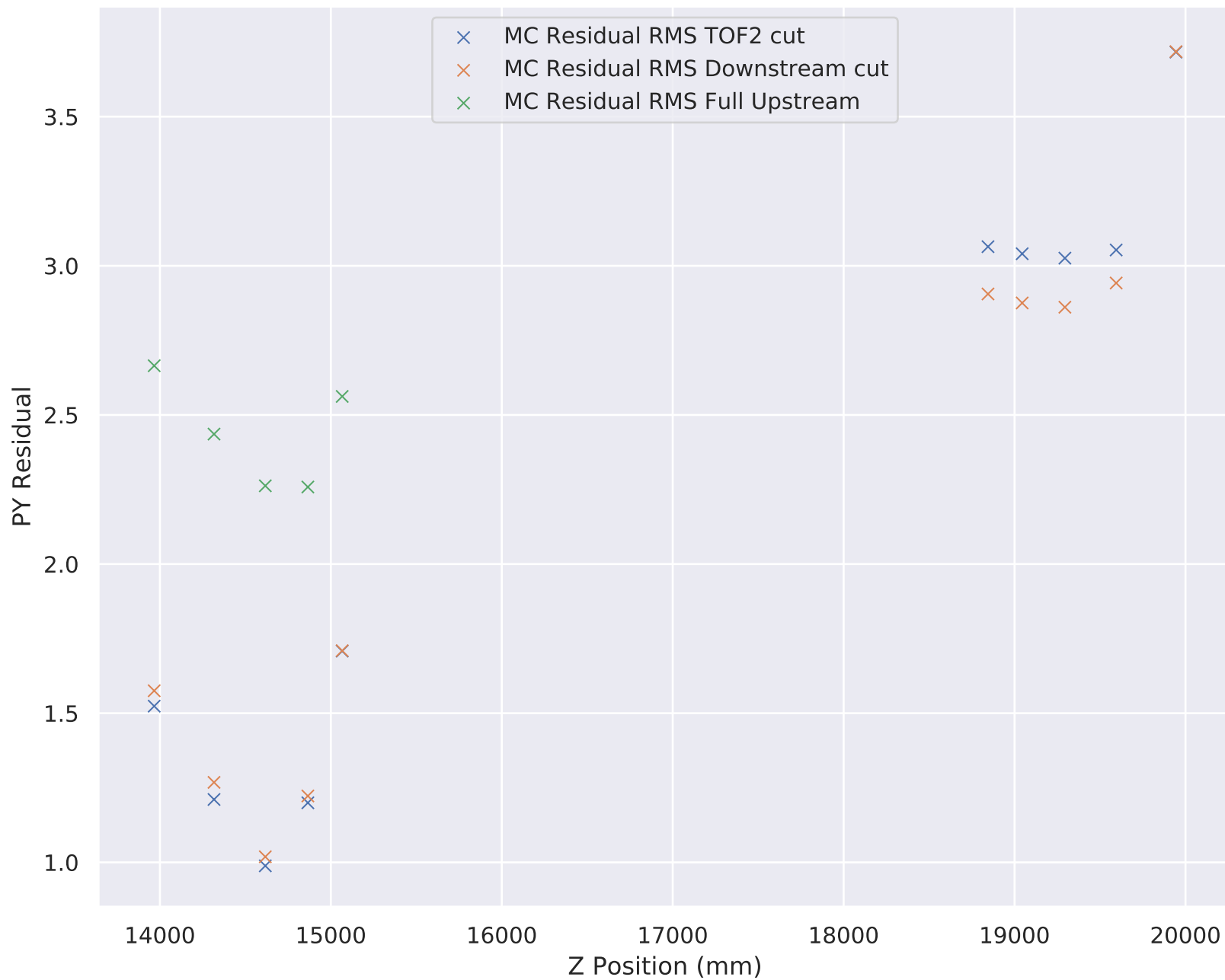
6-140 No Absorber Solenoid PY Residual Mean



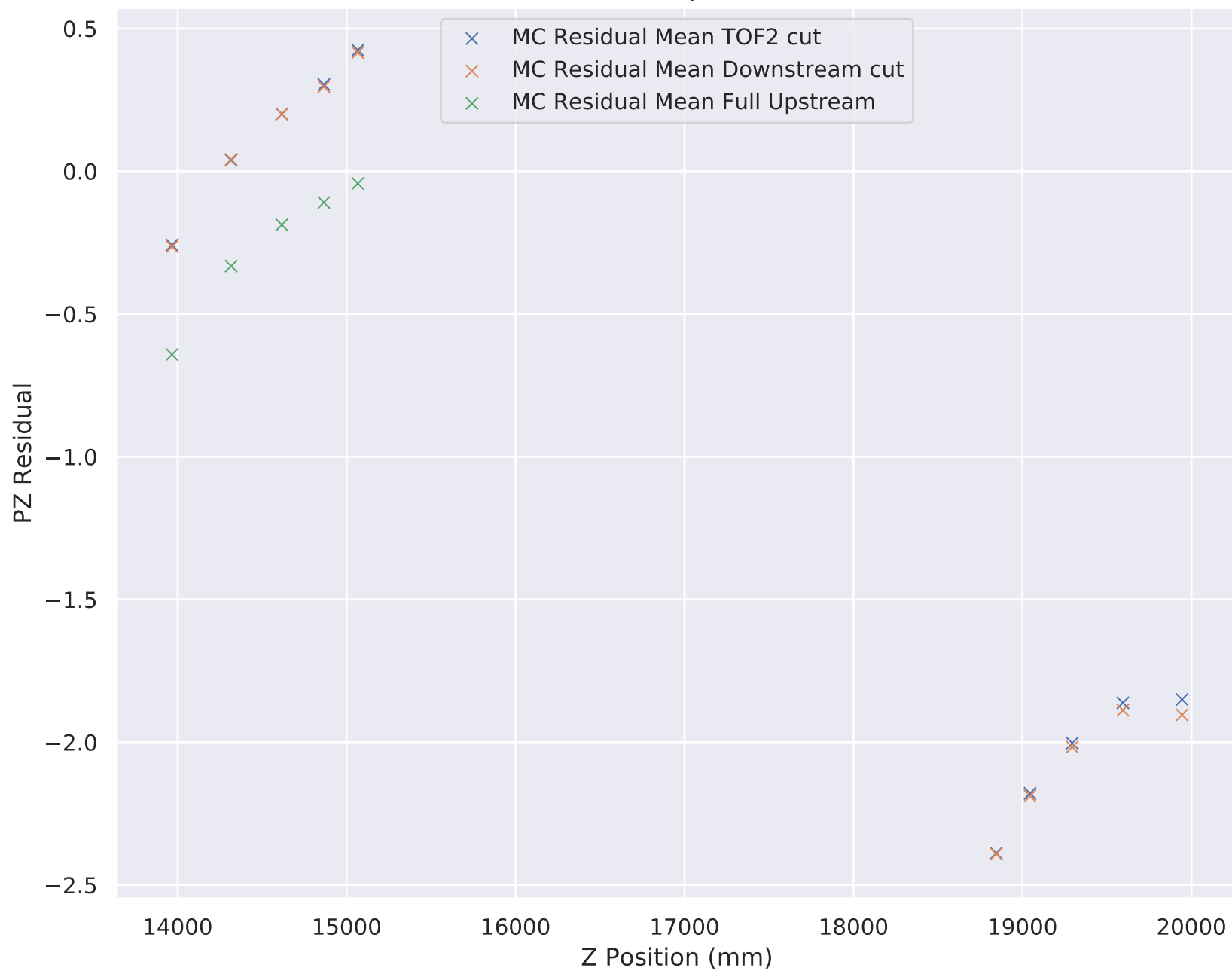
6-140 No Absorber Flip PY Residual RMS



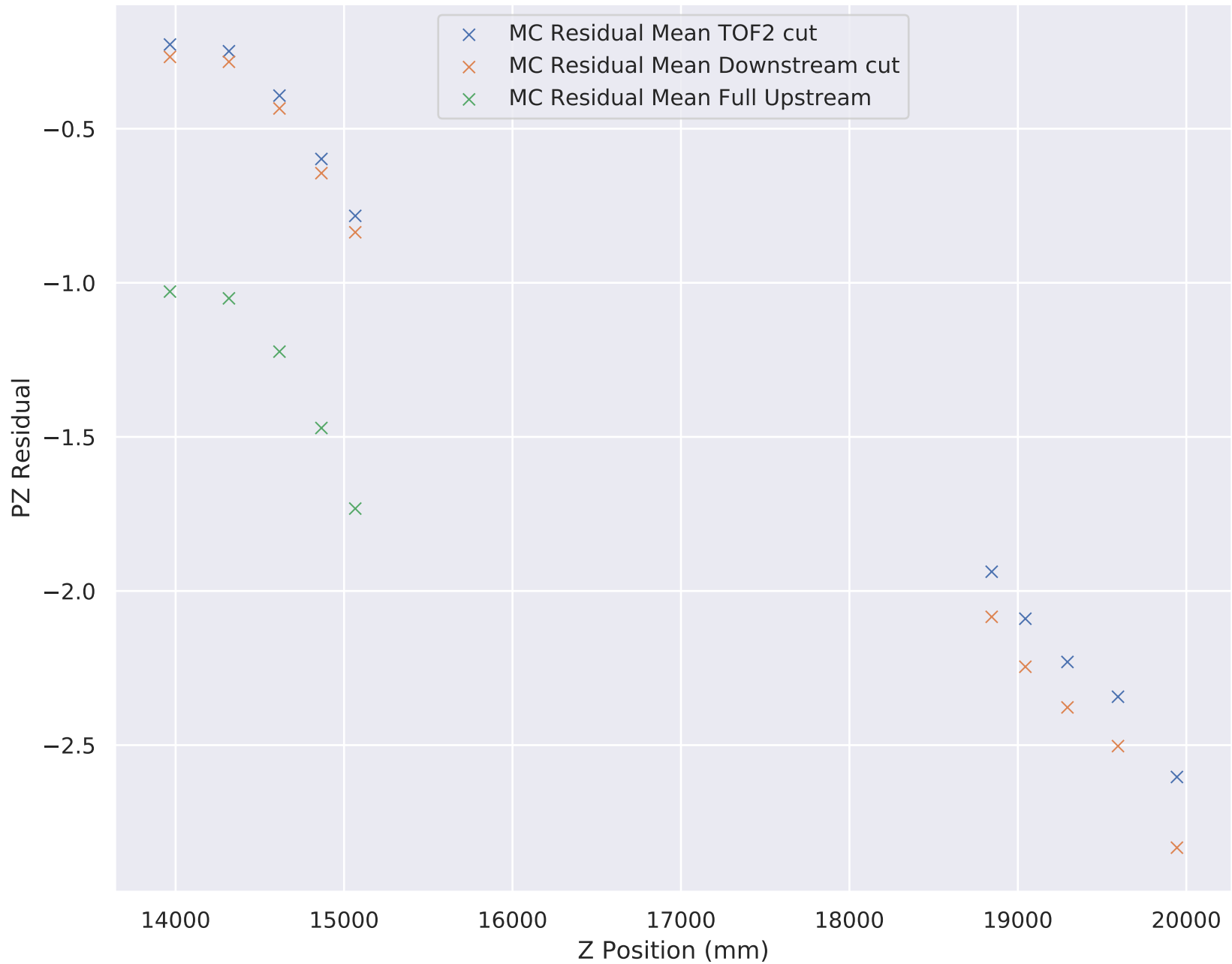
6-140 No Absorber Solenoid PY Residual RMS



6-140 No Absorber Flip PZ Residual Mean

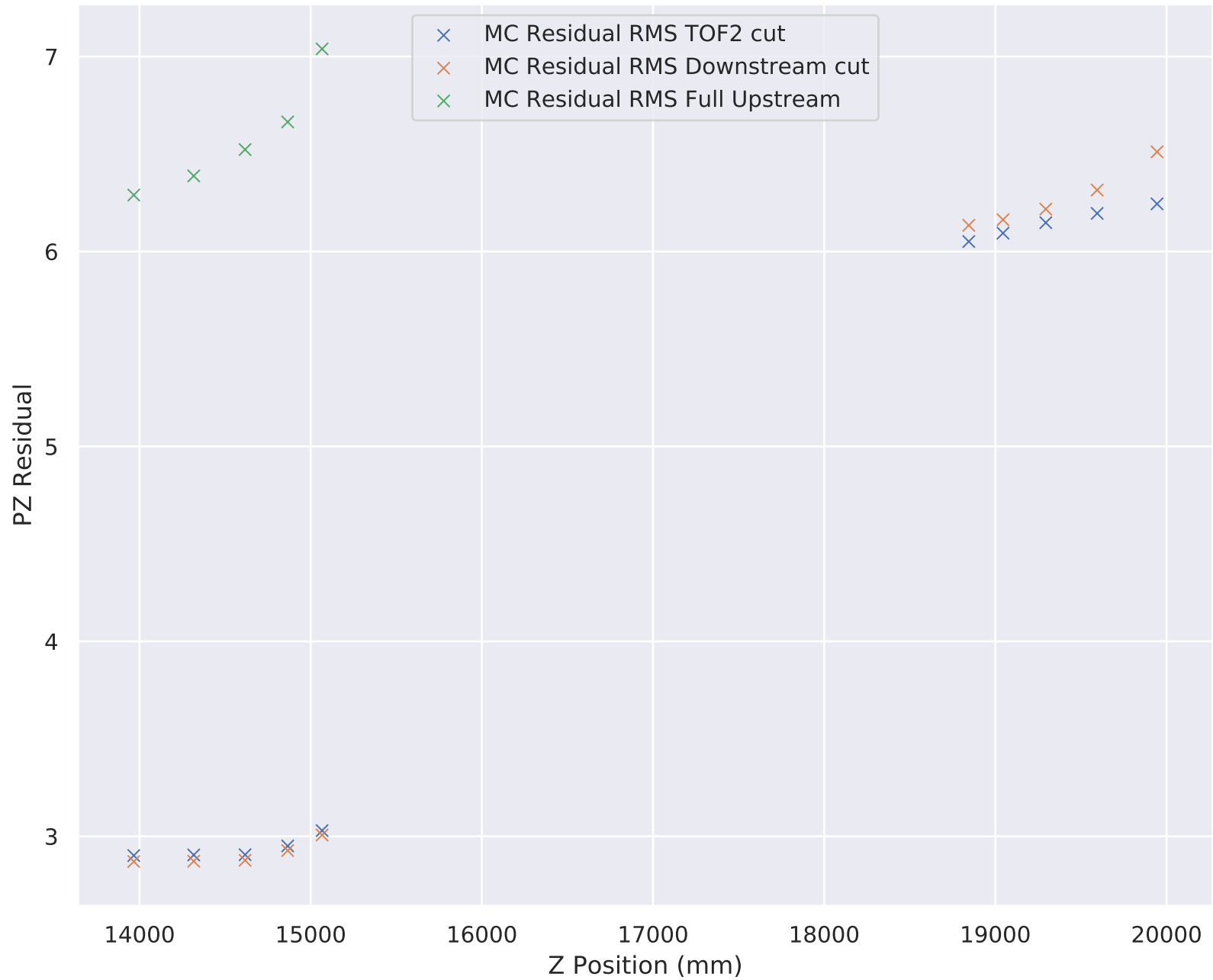


6-140 No Absorber Solenoid PZ Residual Mean

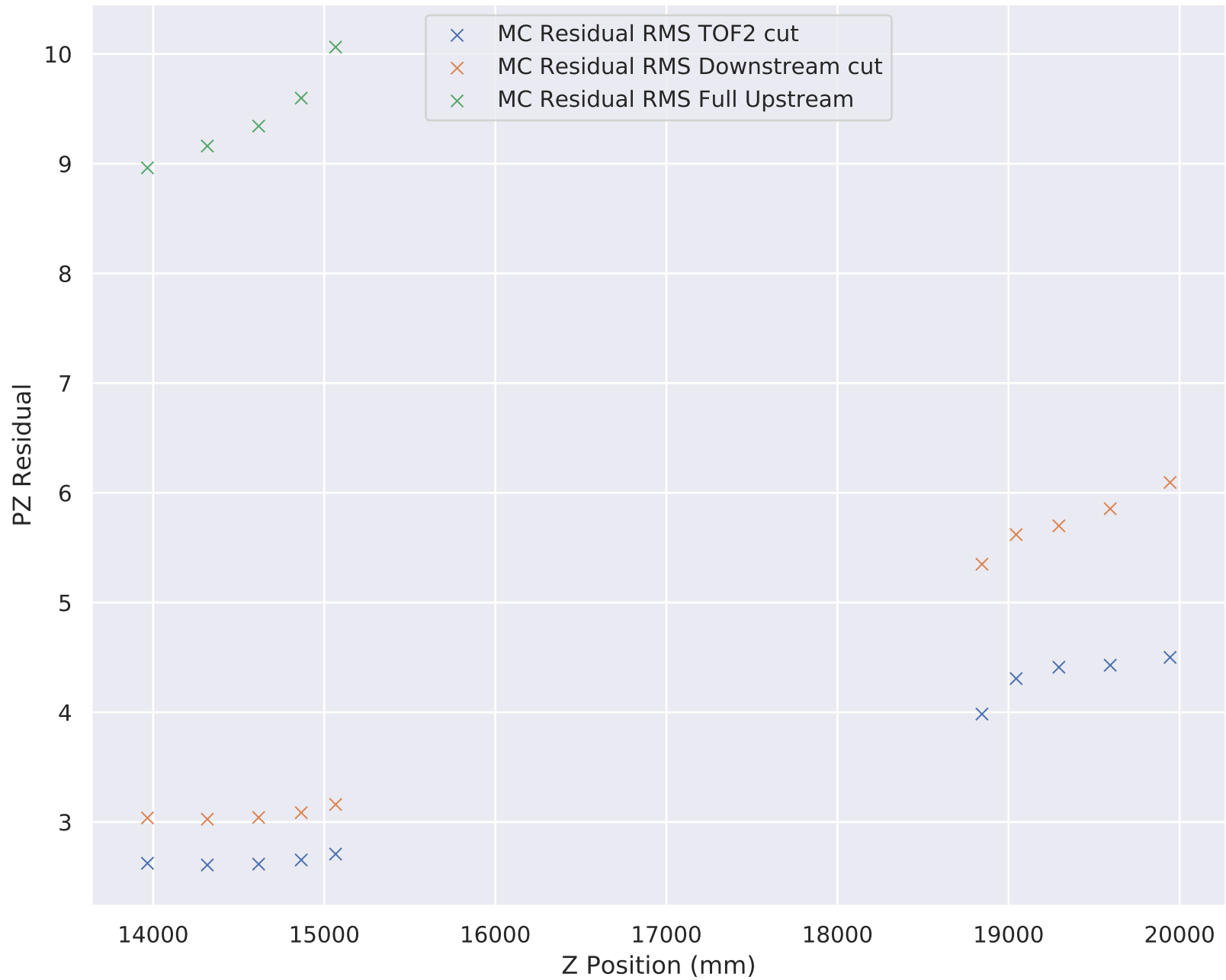




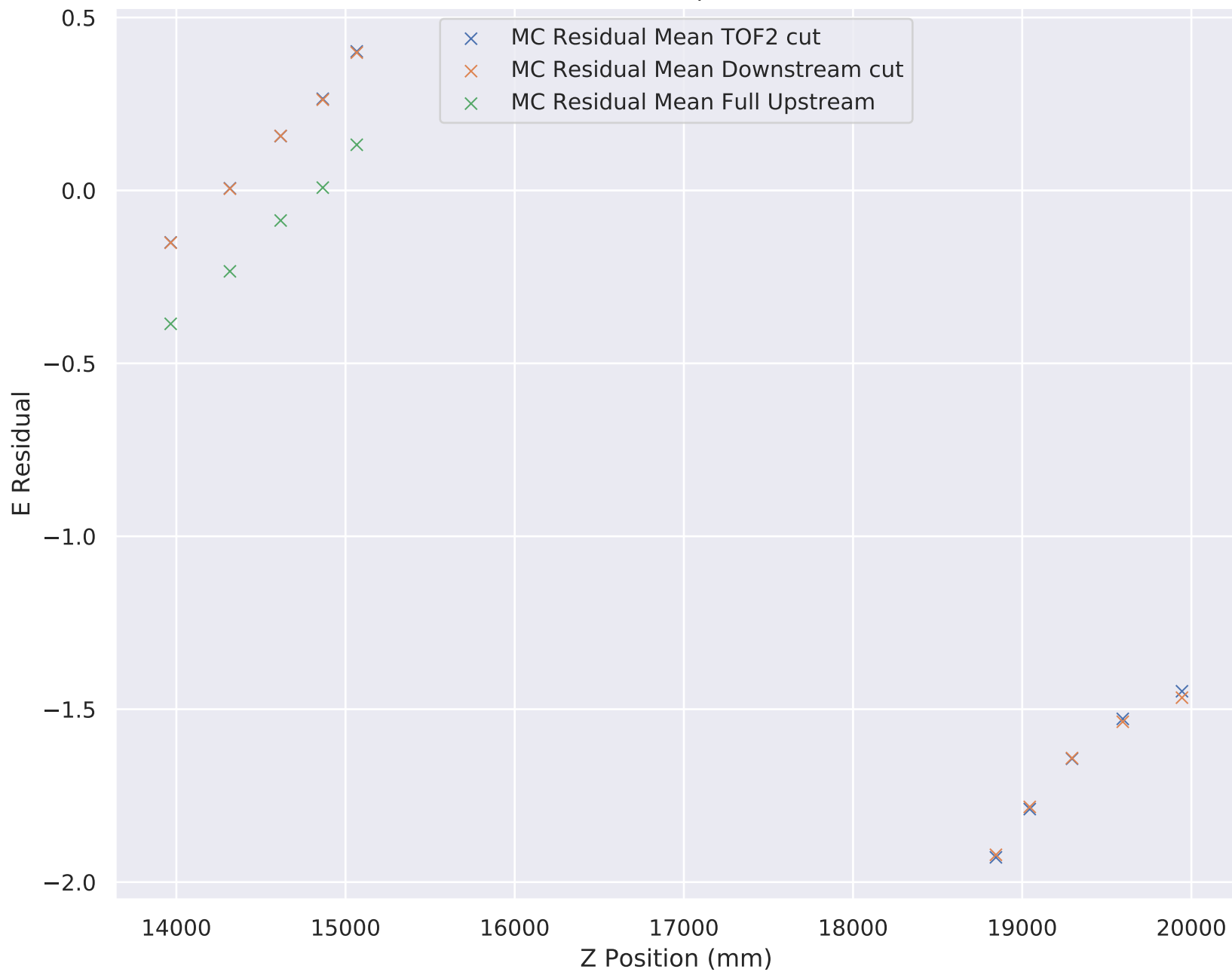
6-140 No Absorber Flip PZ Residual RMS



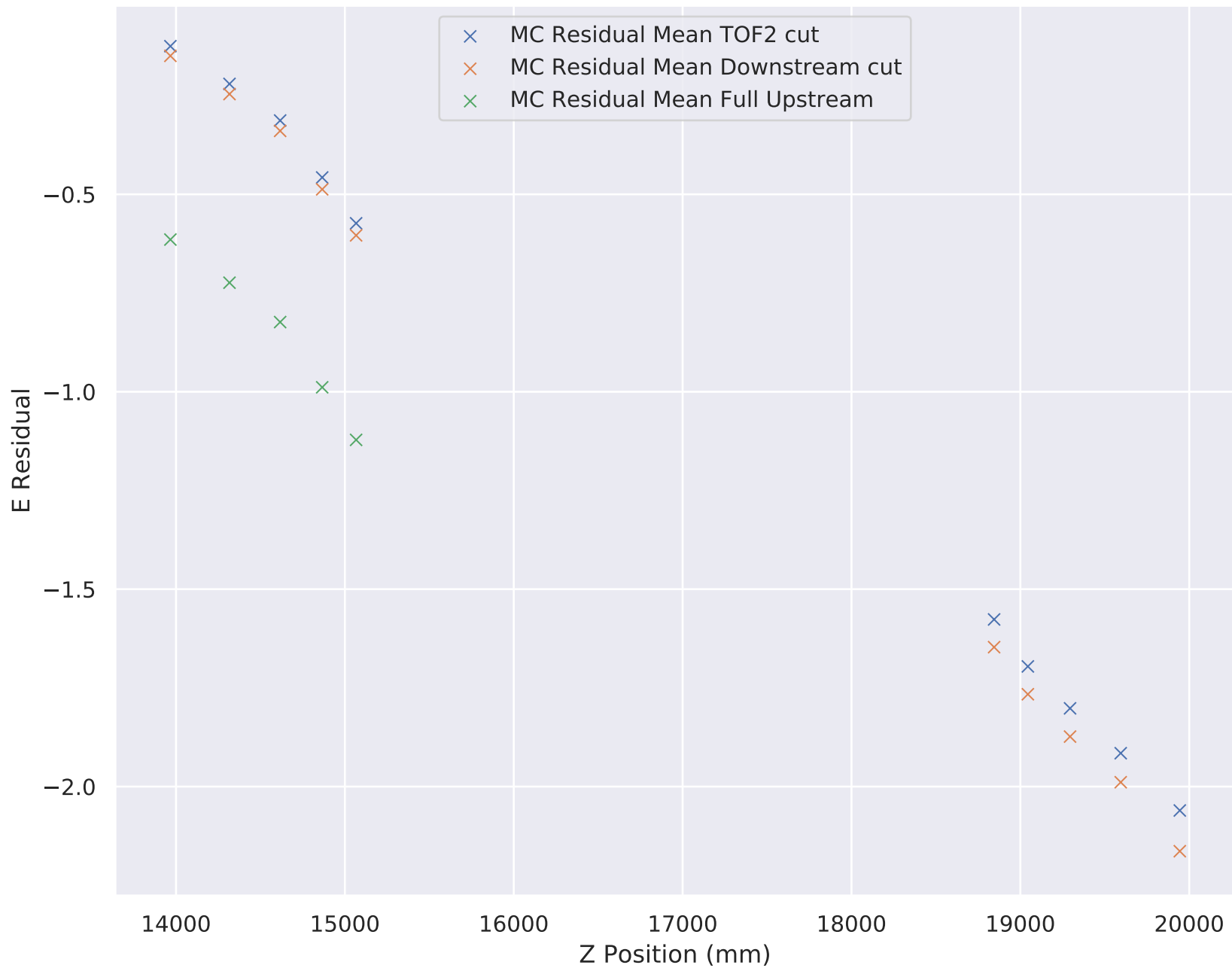
6-140 No Absorber Solenoid PZ Residual RMS



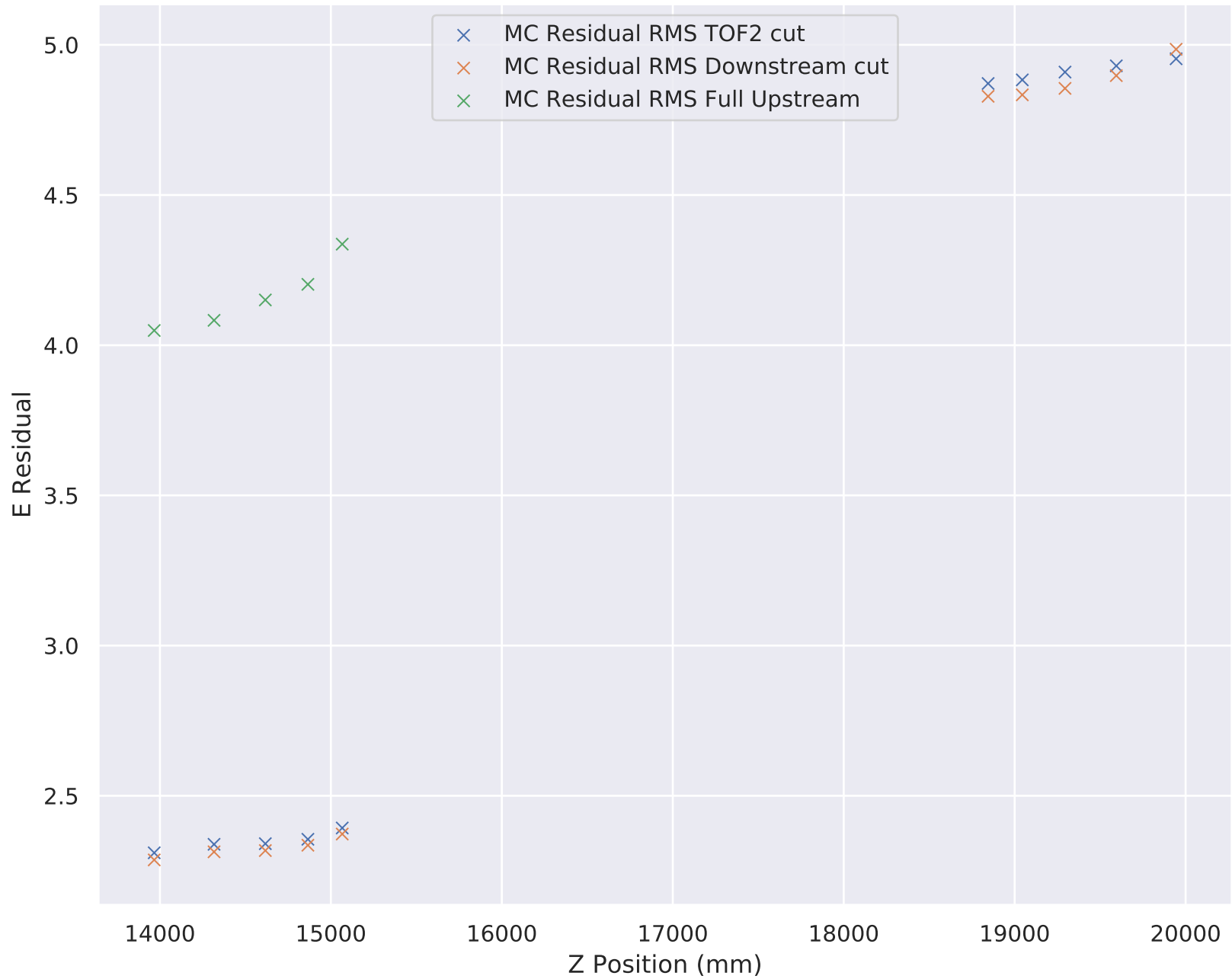
6-140 No Absorber Flip E Residual Mean



6-140 No Absorber Solenoid E Residual Mean



6-140 No Absorber Flip E Residual RMS



6-140 No Absorber Solenoid E Residual RMS

