

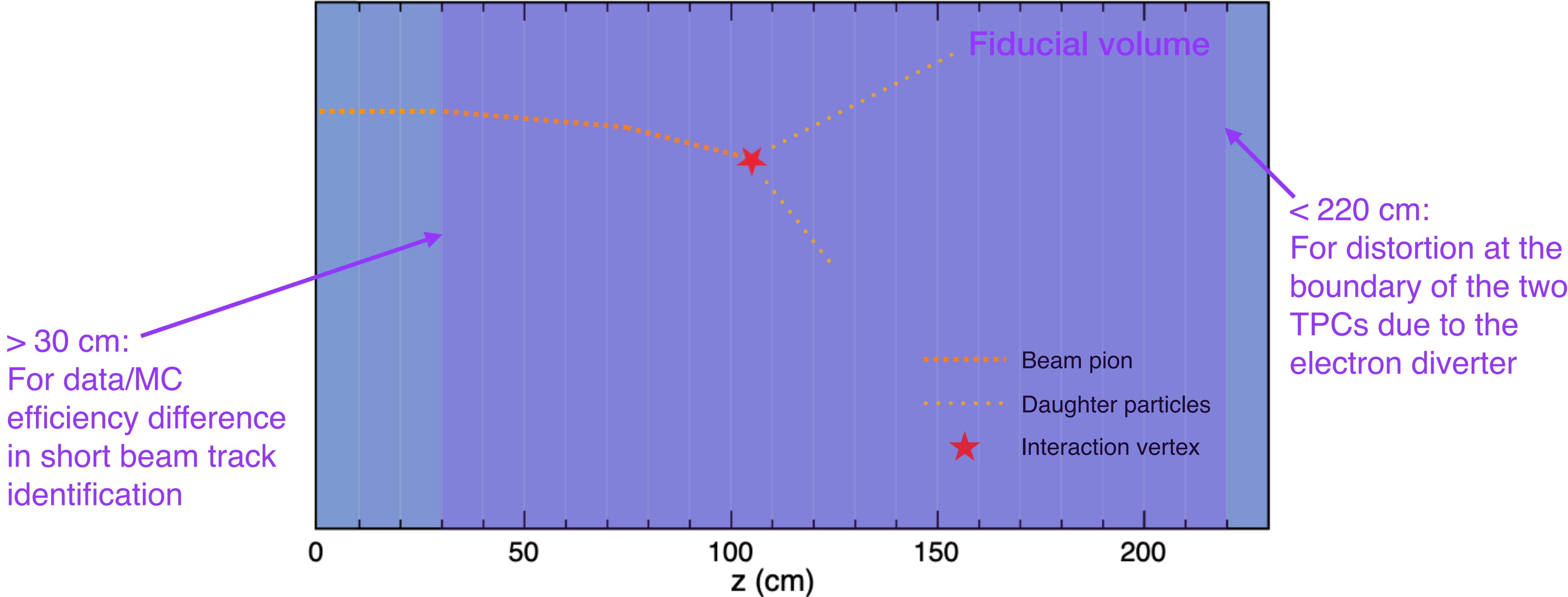
Updates on 1 GeV beam π^+ -Ar inclusive cross section measurement

Yinrui Liu

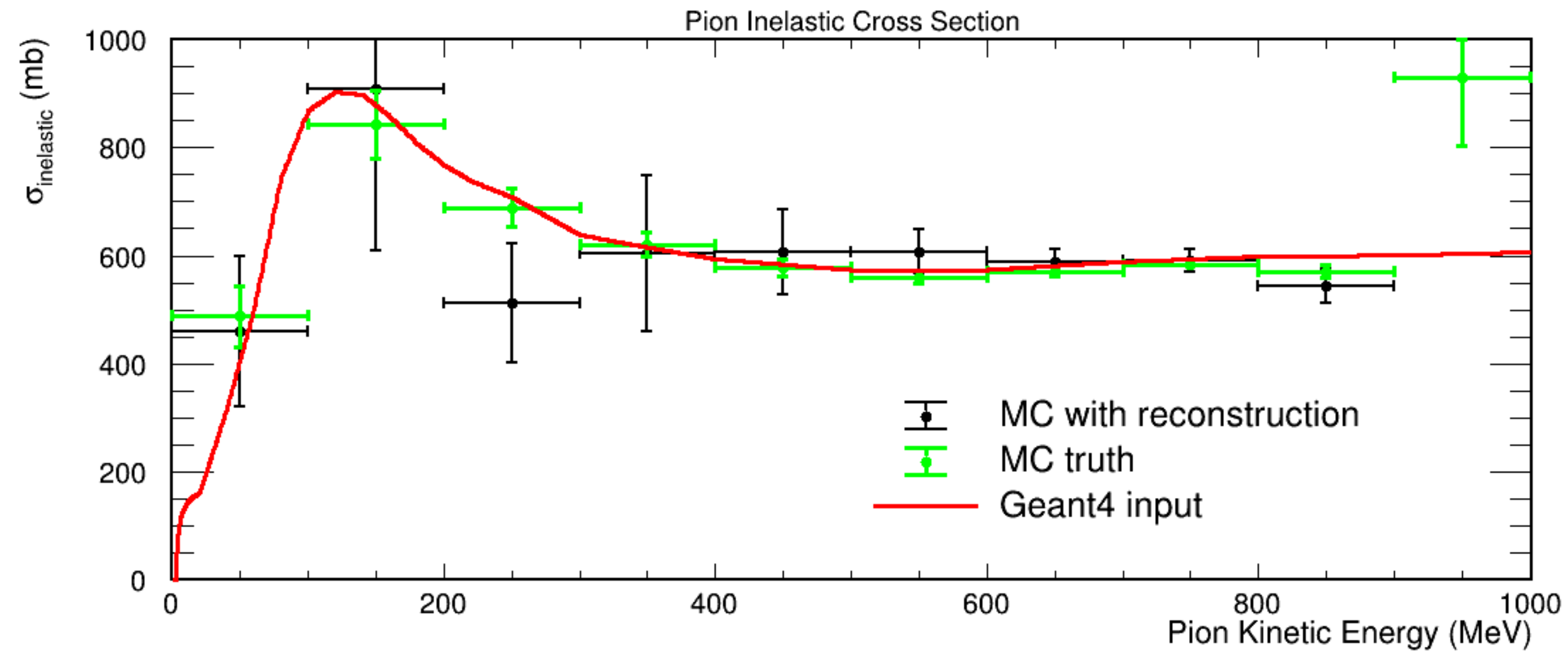
Aug. 25, 2022



Fiducial volume

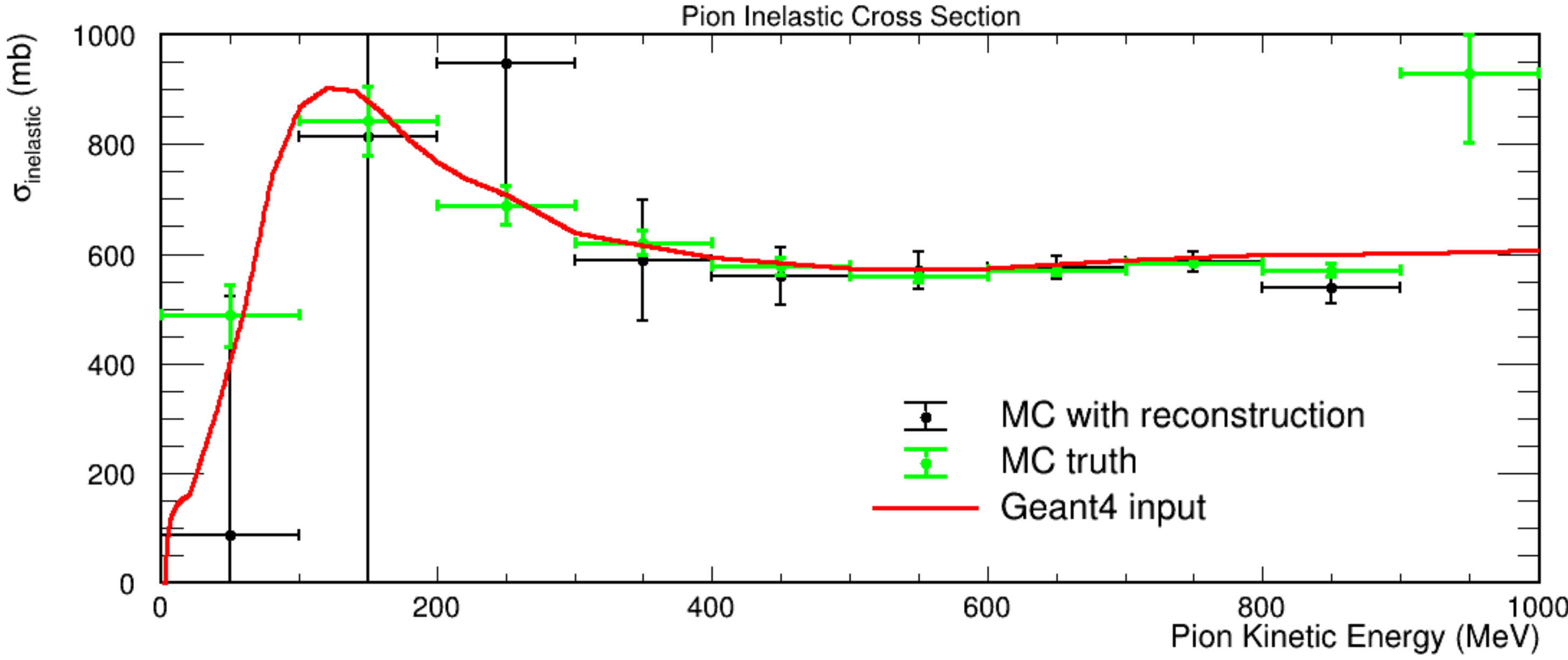


MC XS: Previous

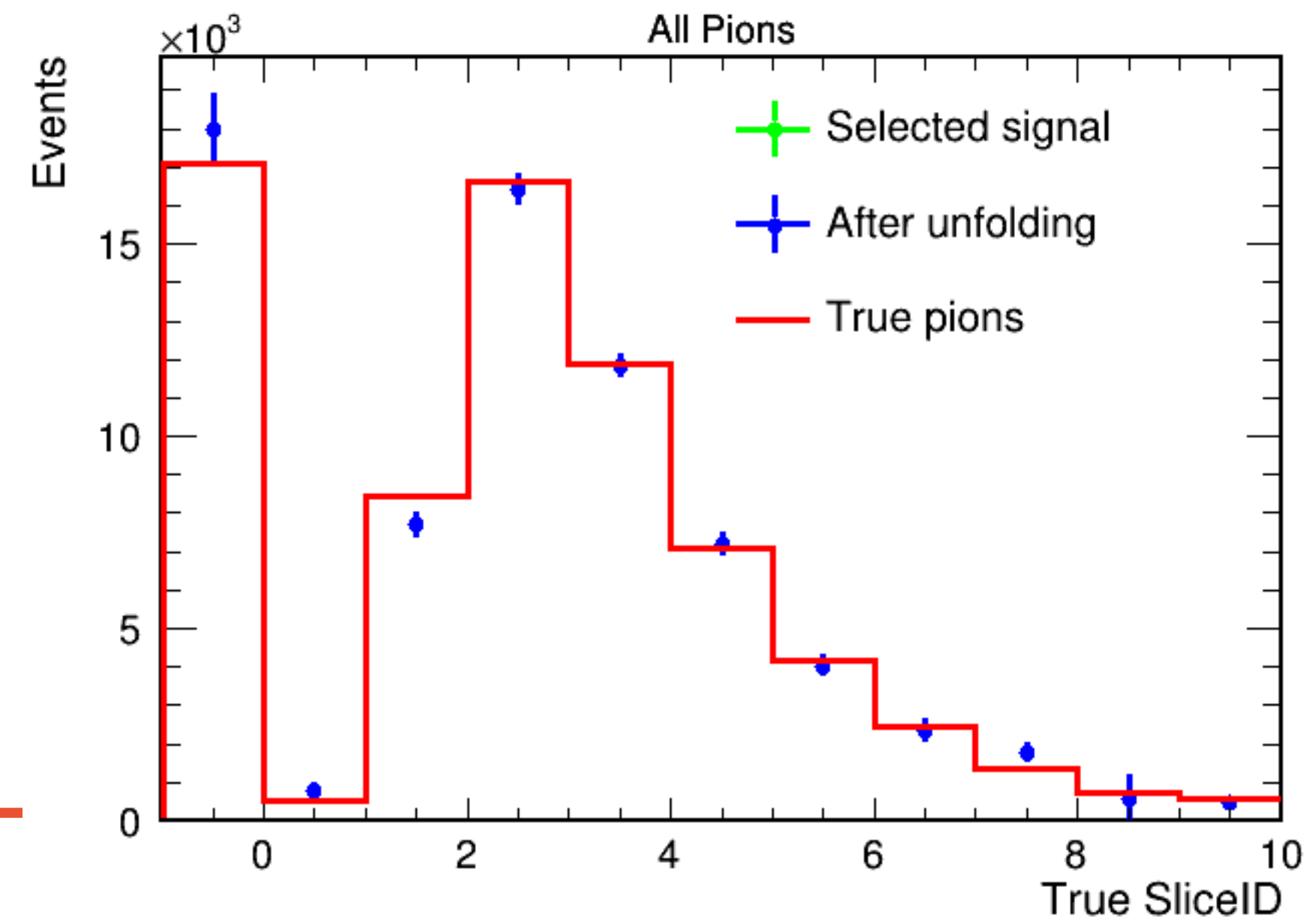
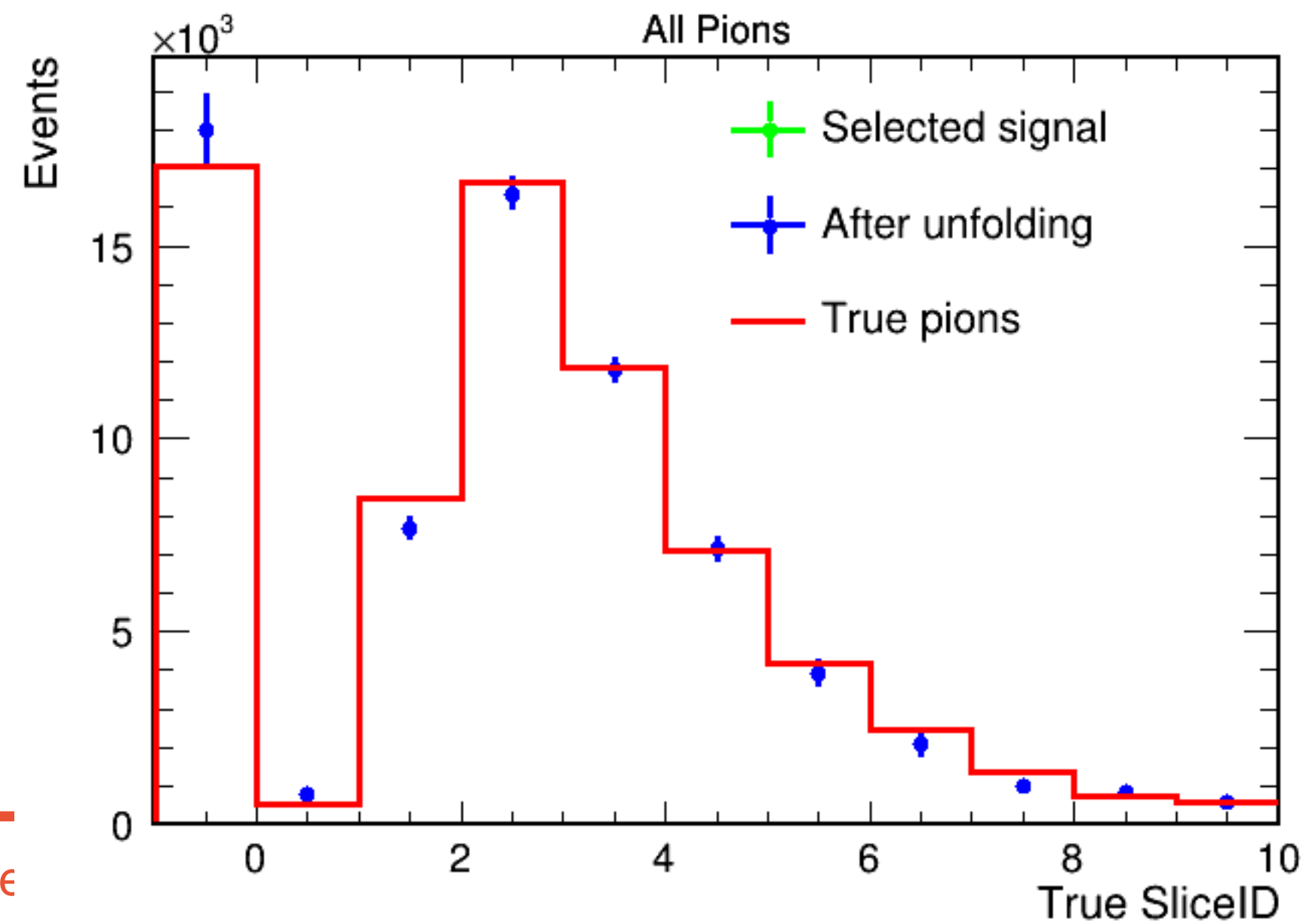
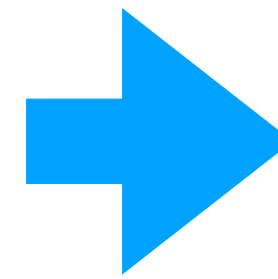
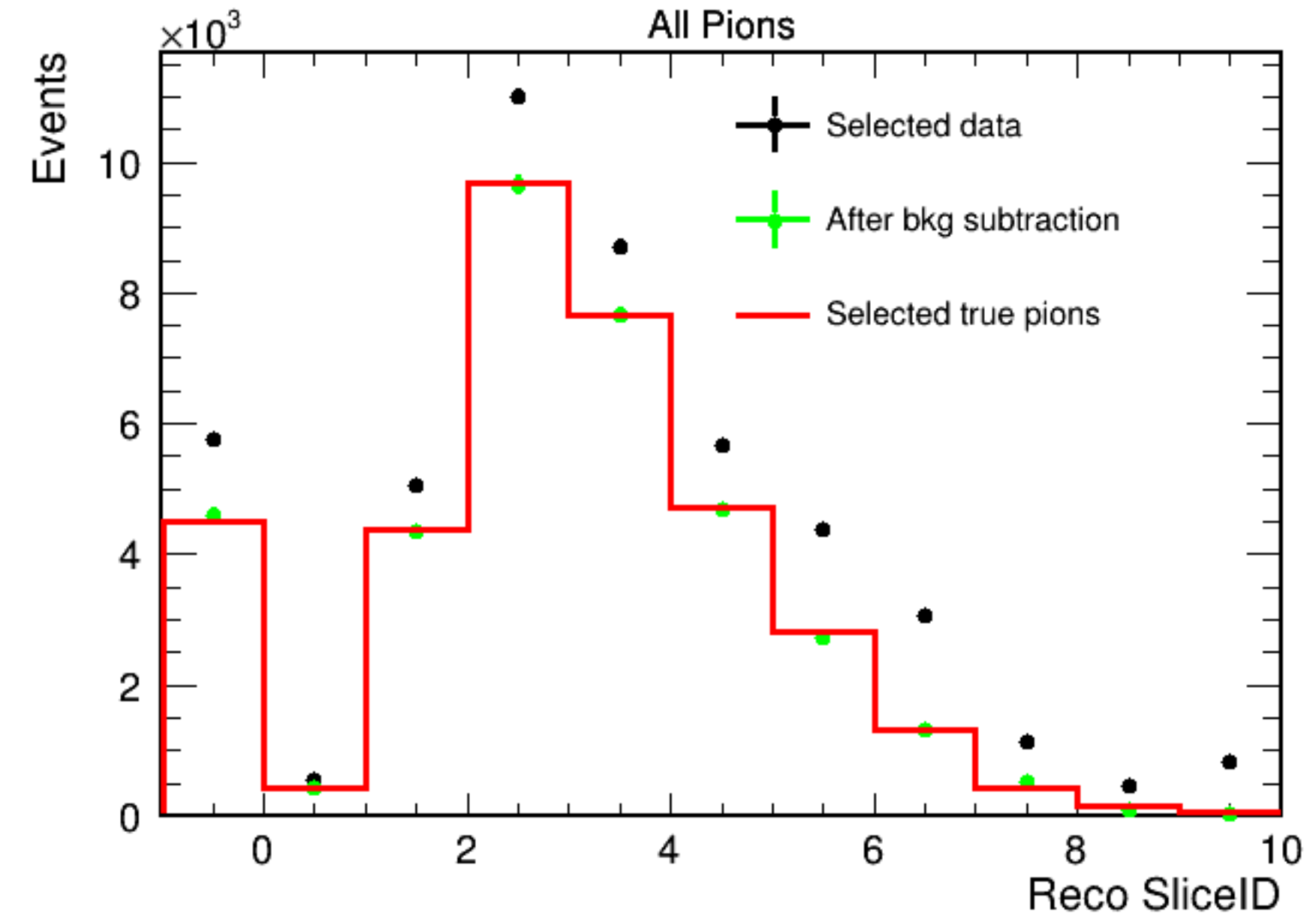
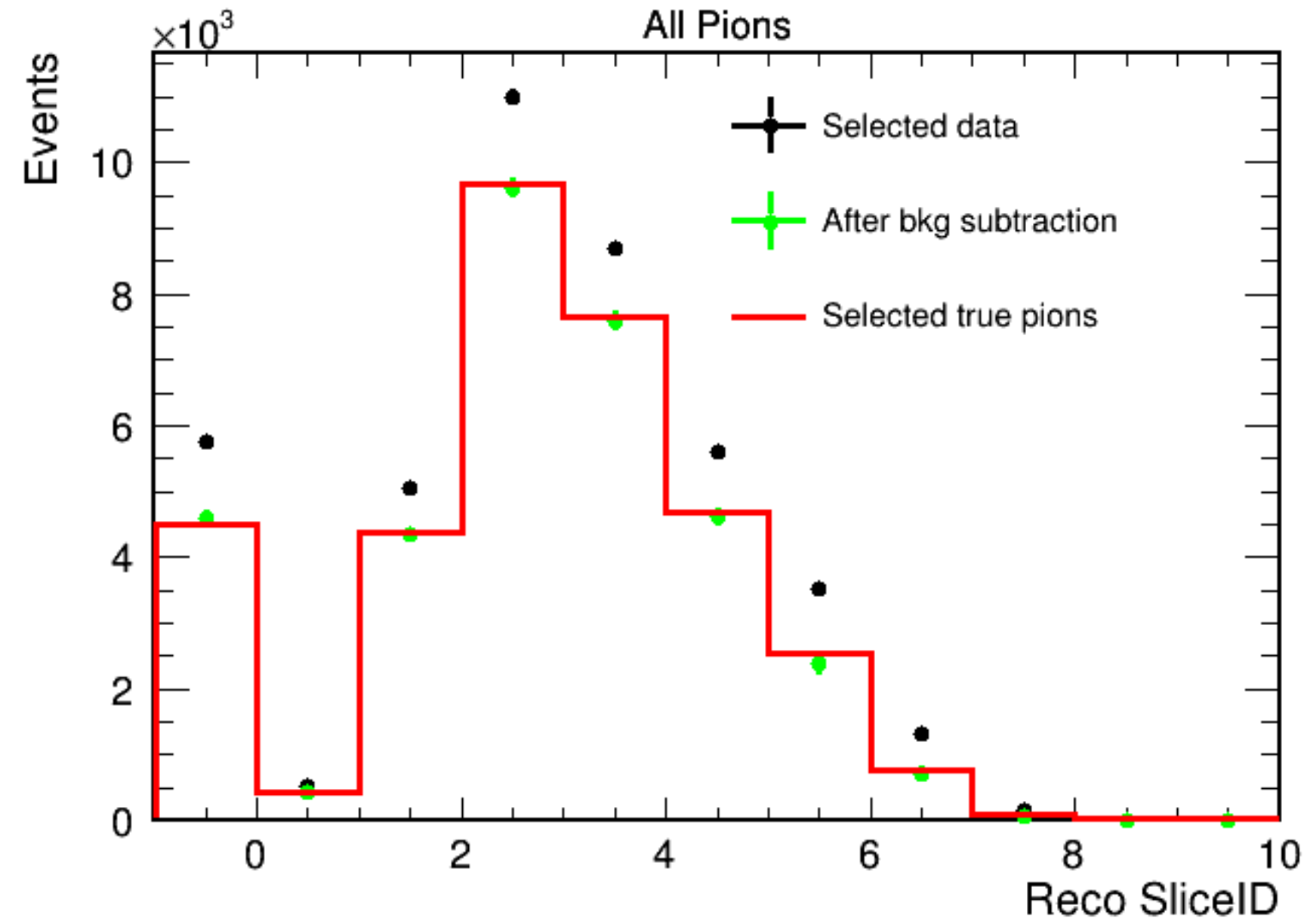


Here we measure low energy XS just to monitor if there are unexpected behaviors.

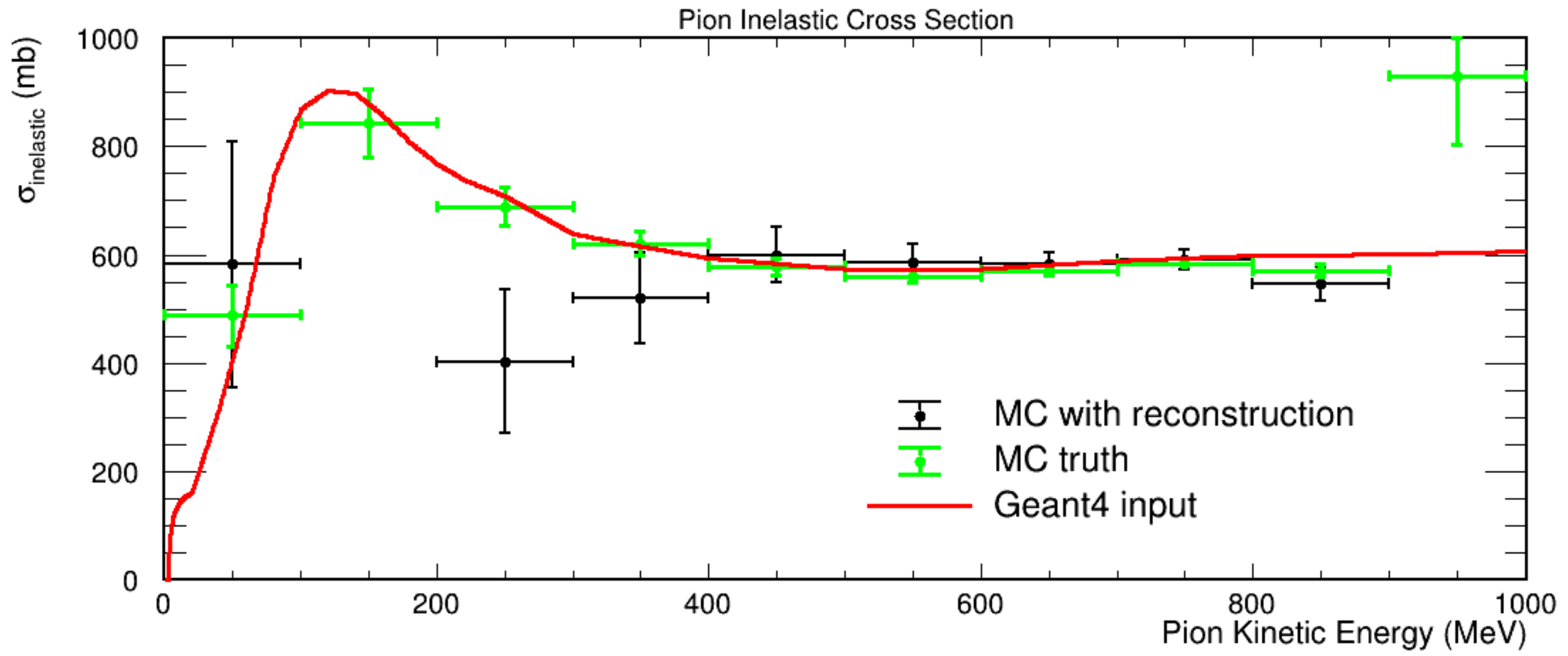
MC XS: Remove the APA3 cut



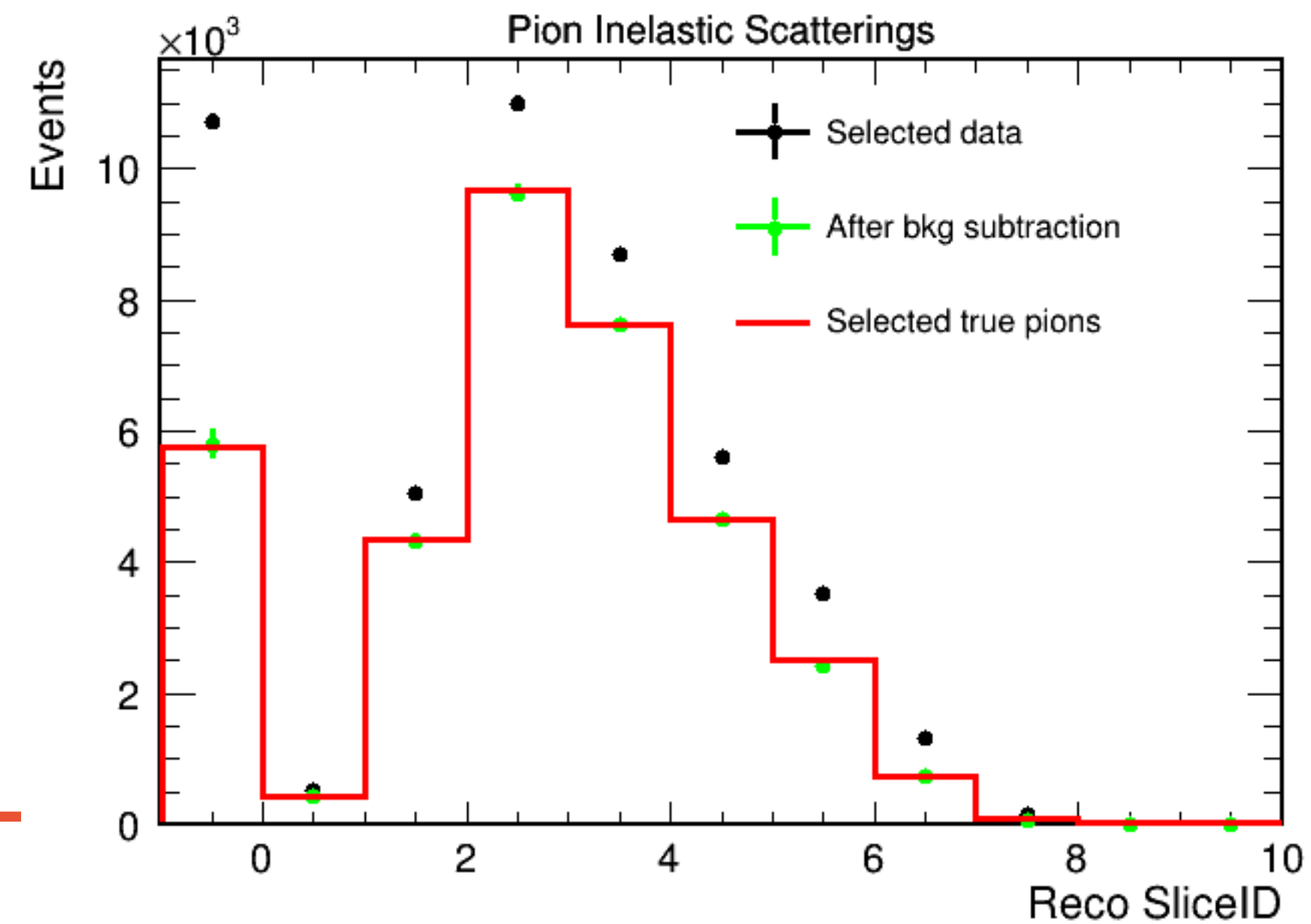
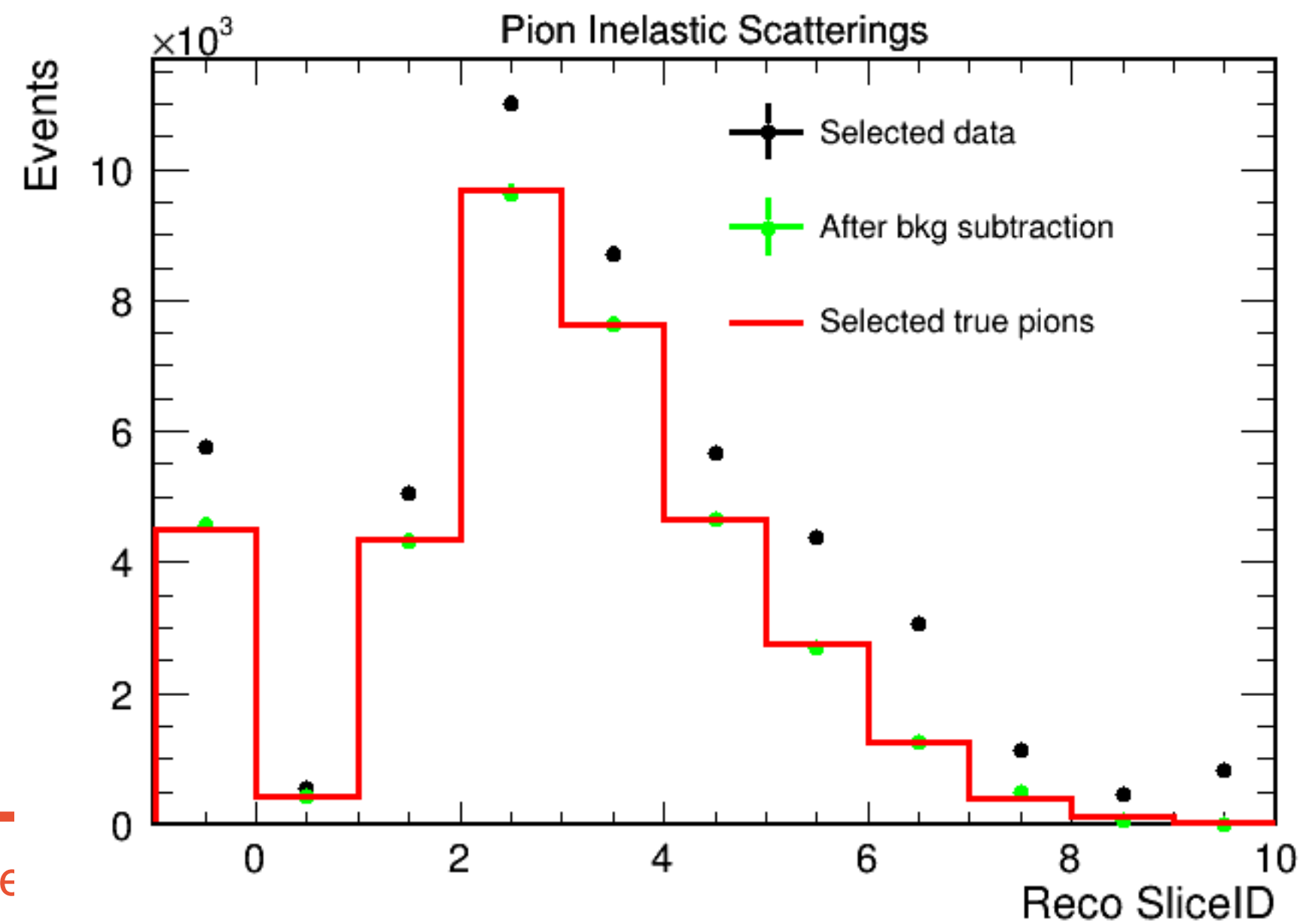
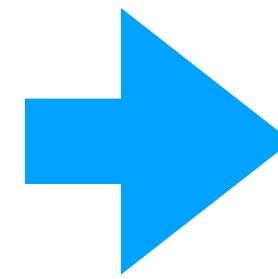
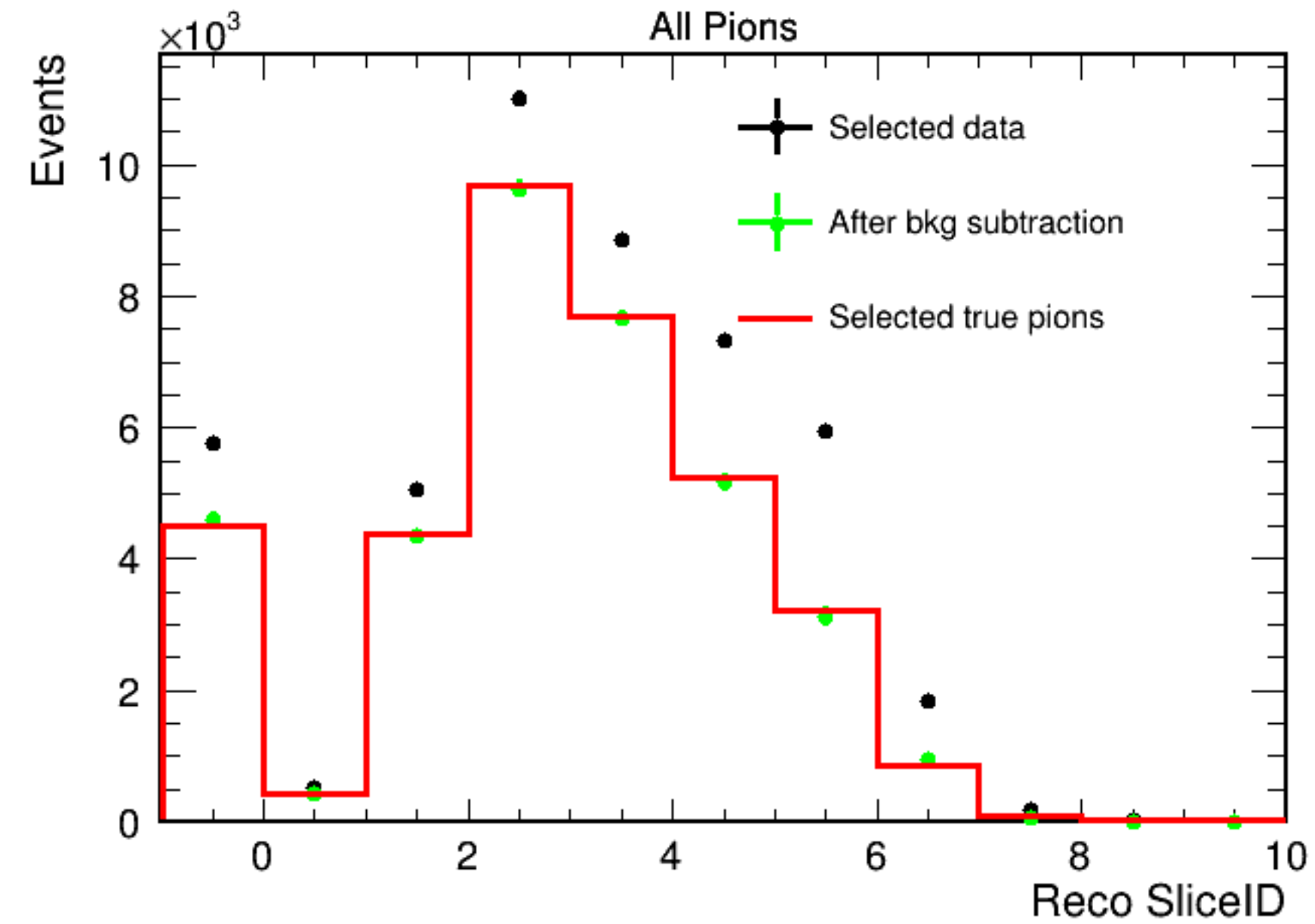
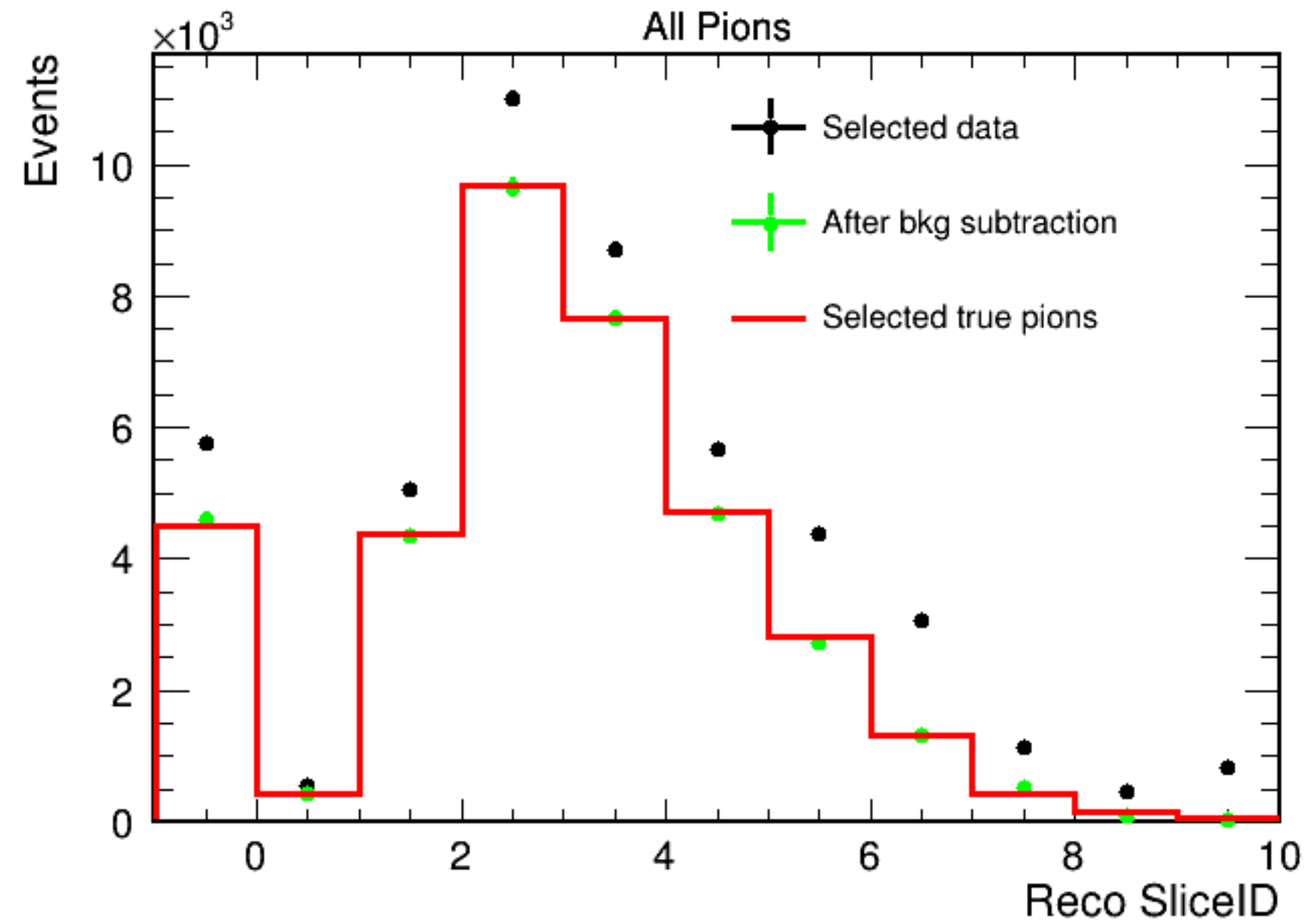
MC XS: Remove the APA3 cut



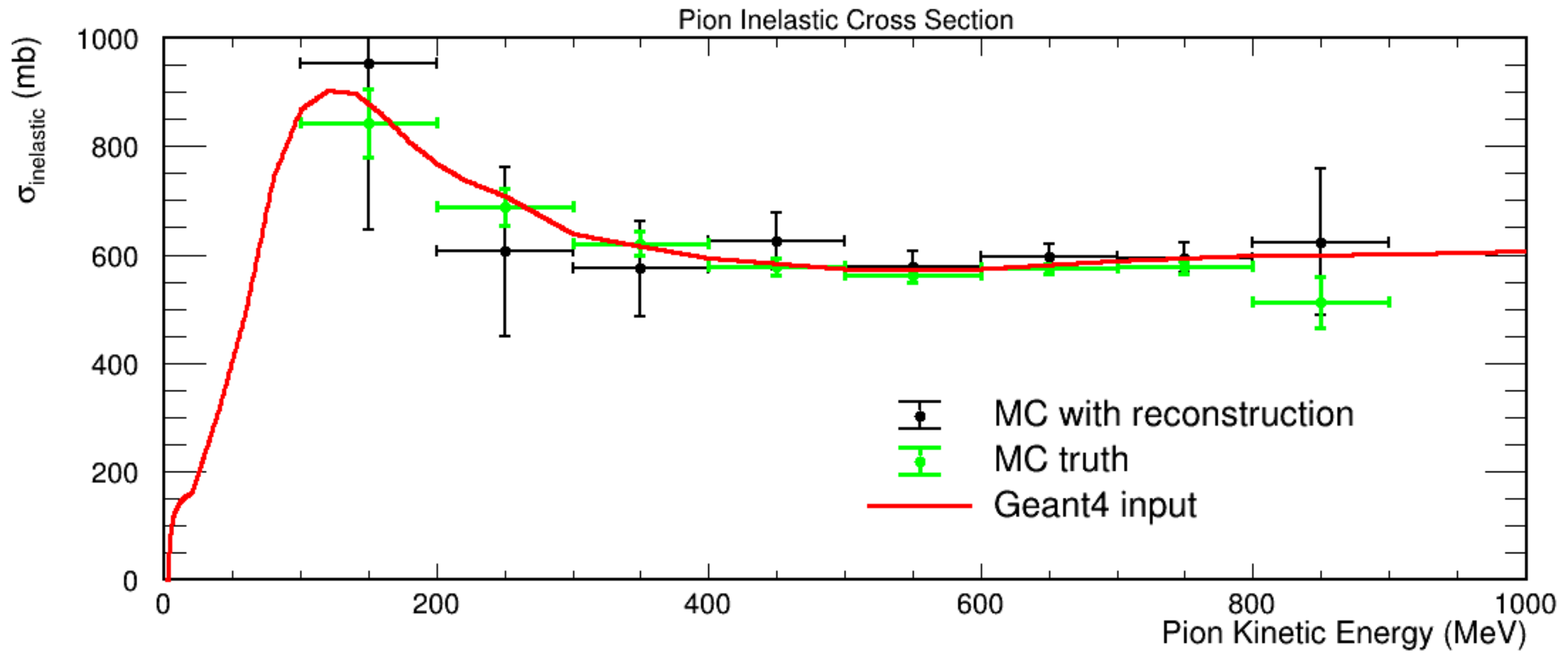
MC XS: Fiducial volume < 220 cm



MC XS: Fiducial volume < 220 cm



MC XS: Fiducial volume $\in [30, 220]$ cm



Back-ups