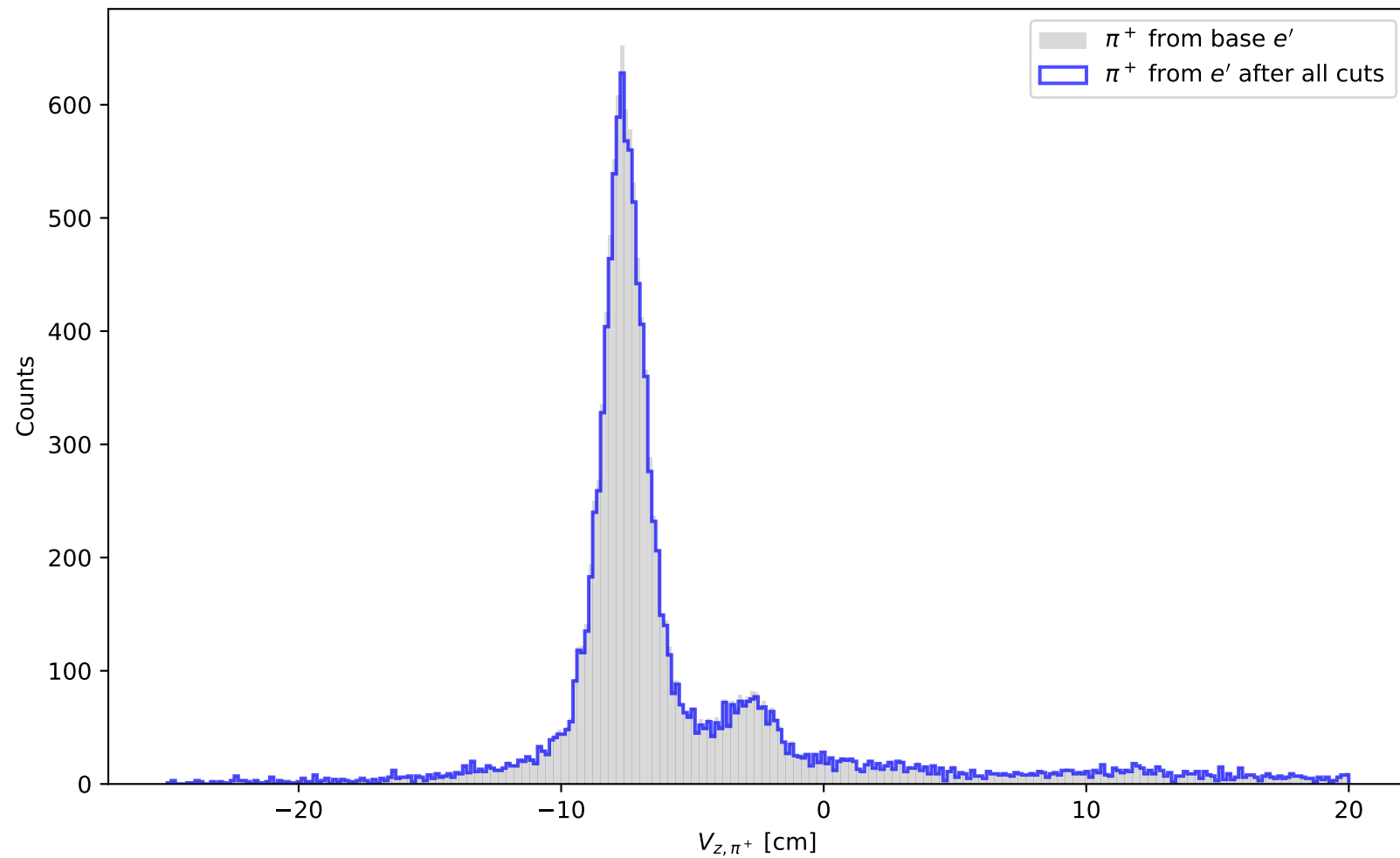
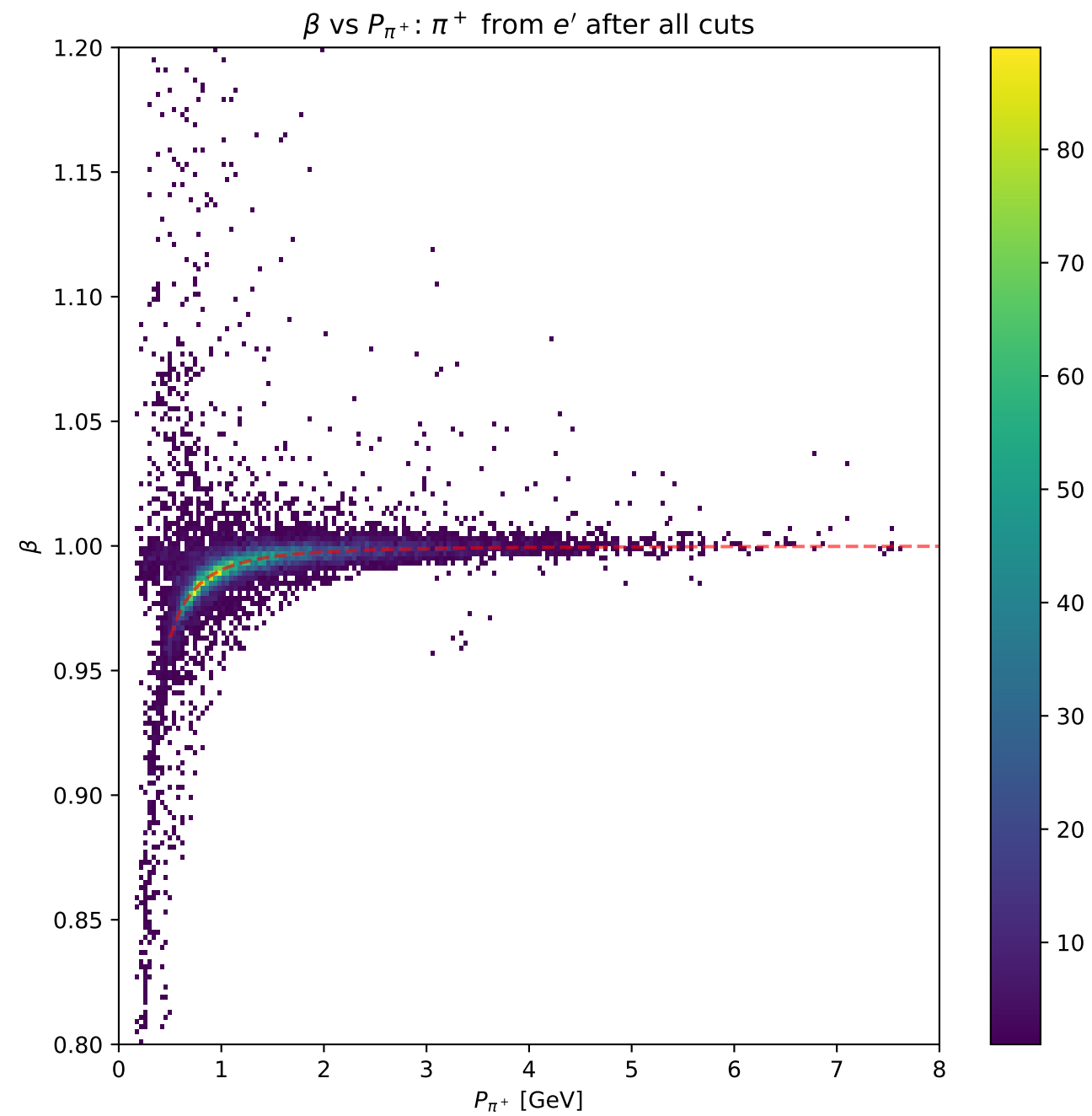
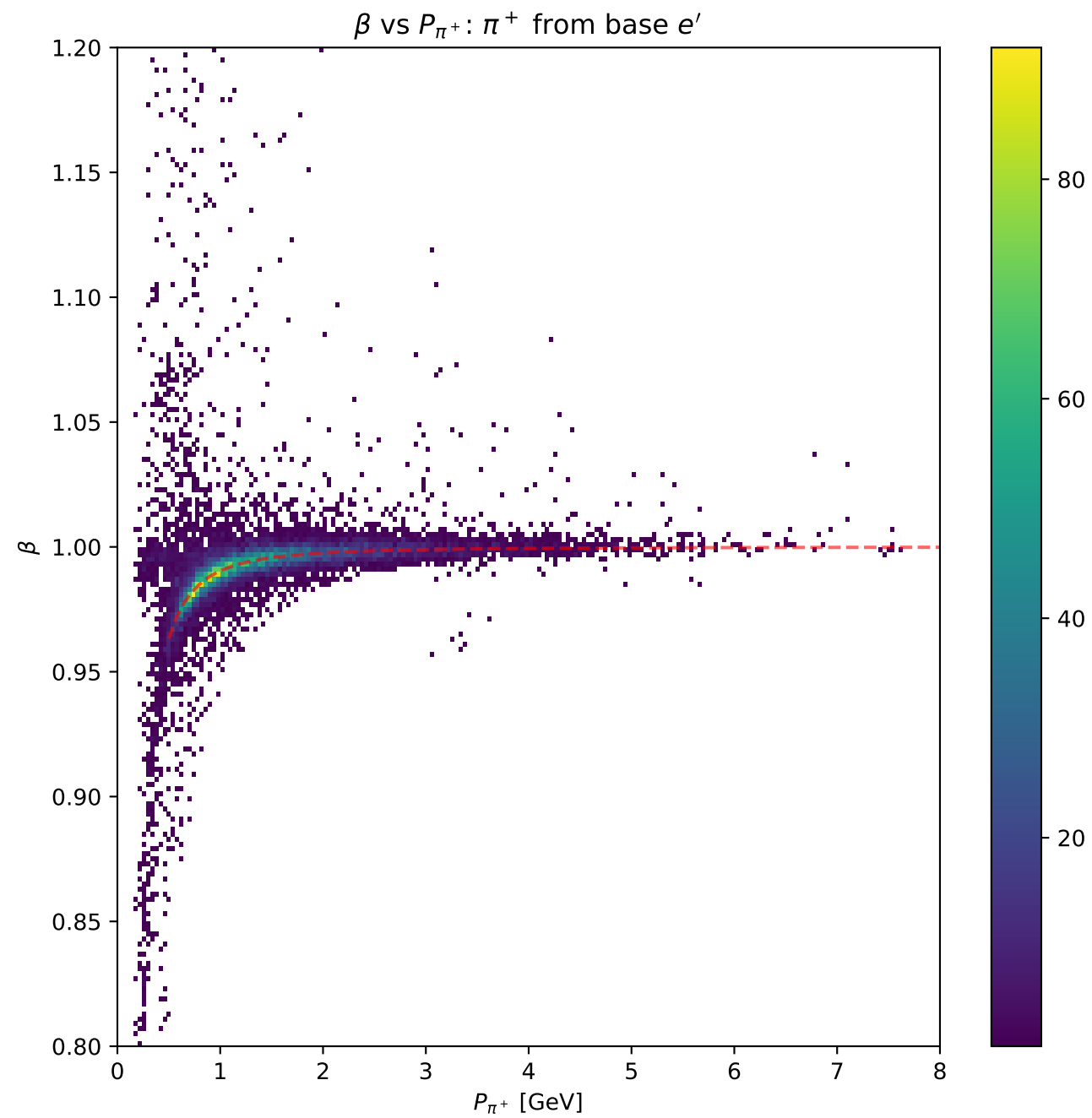
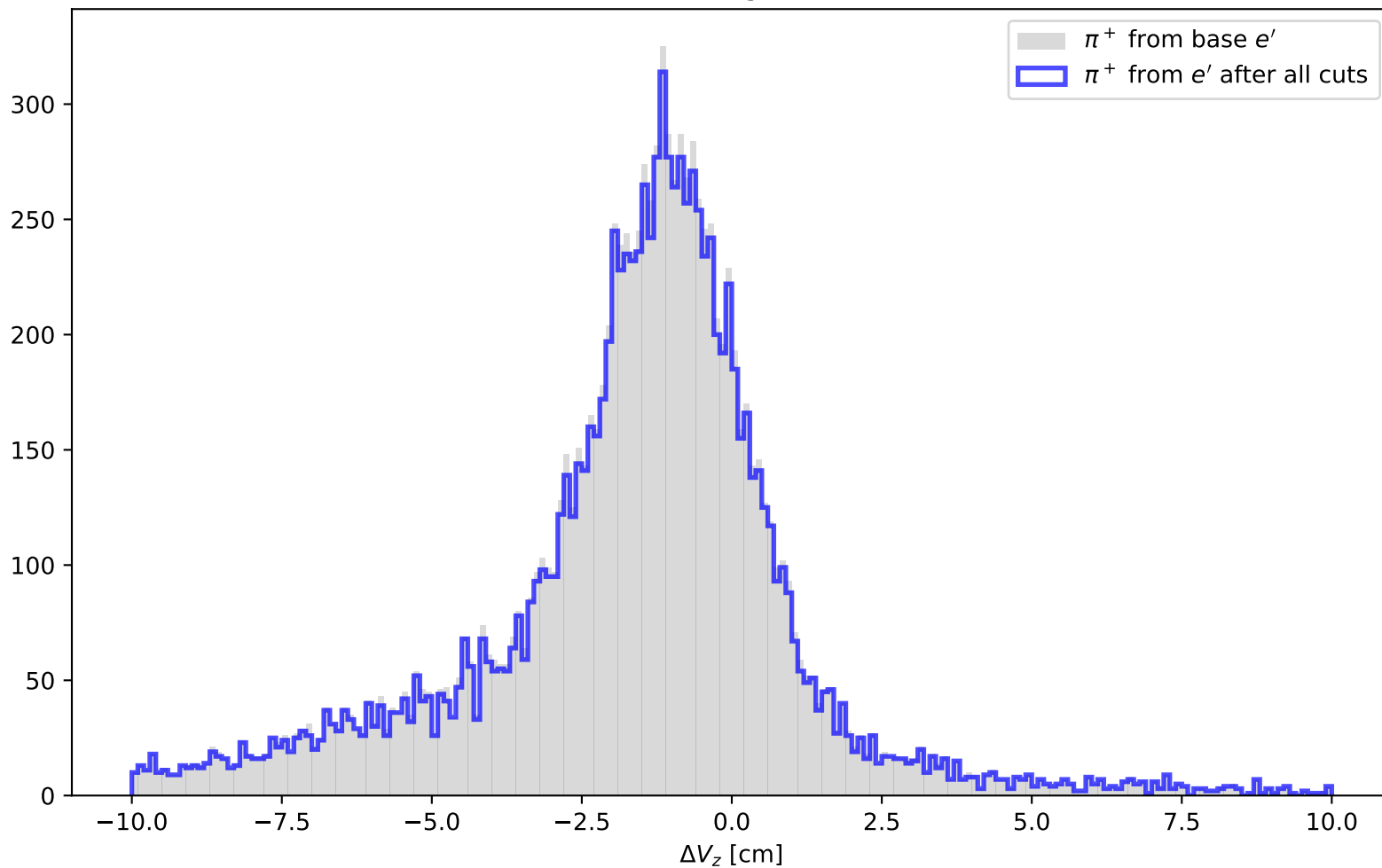


Cu Pion Vertex Distribution:  $V_{z,\pi^+}$

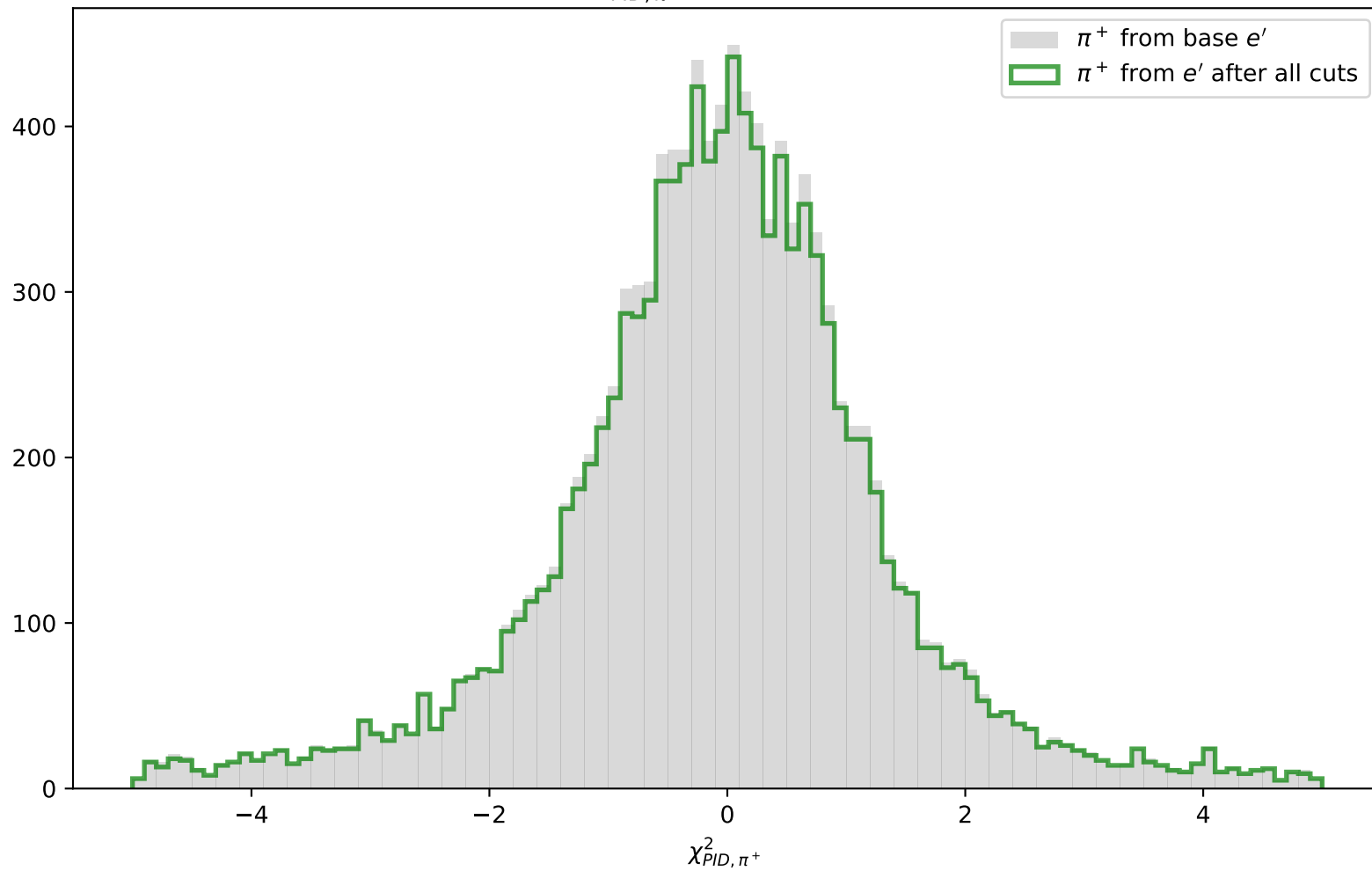




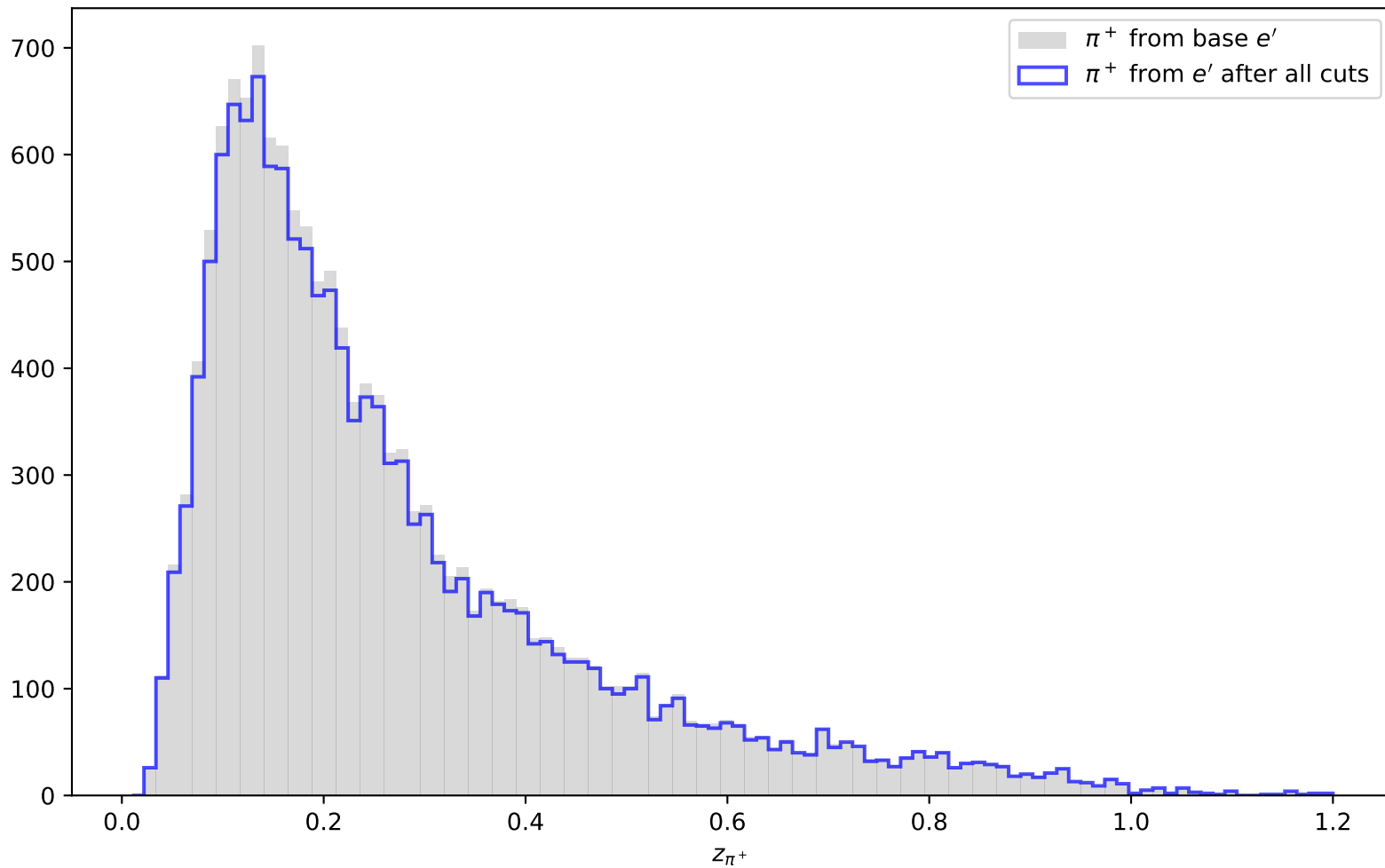
Vertex Matching:  $\Delta V_z(e', \pi^+)$



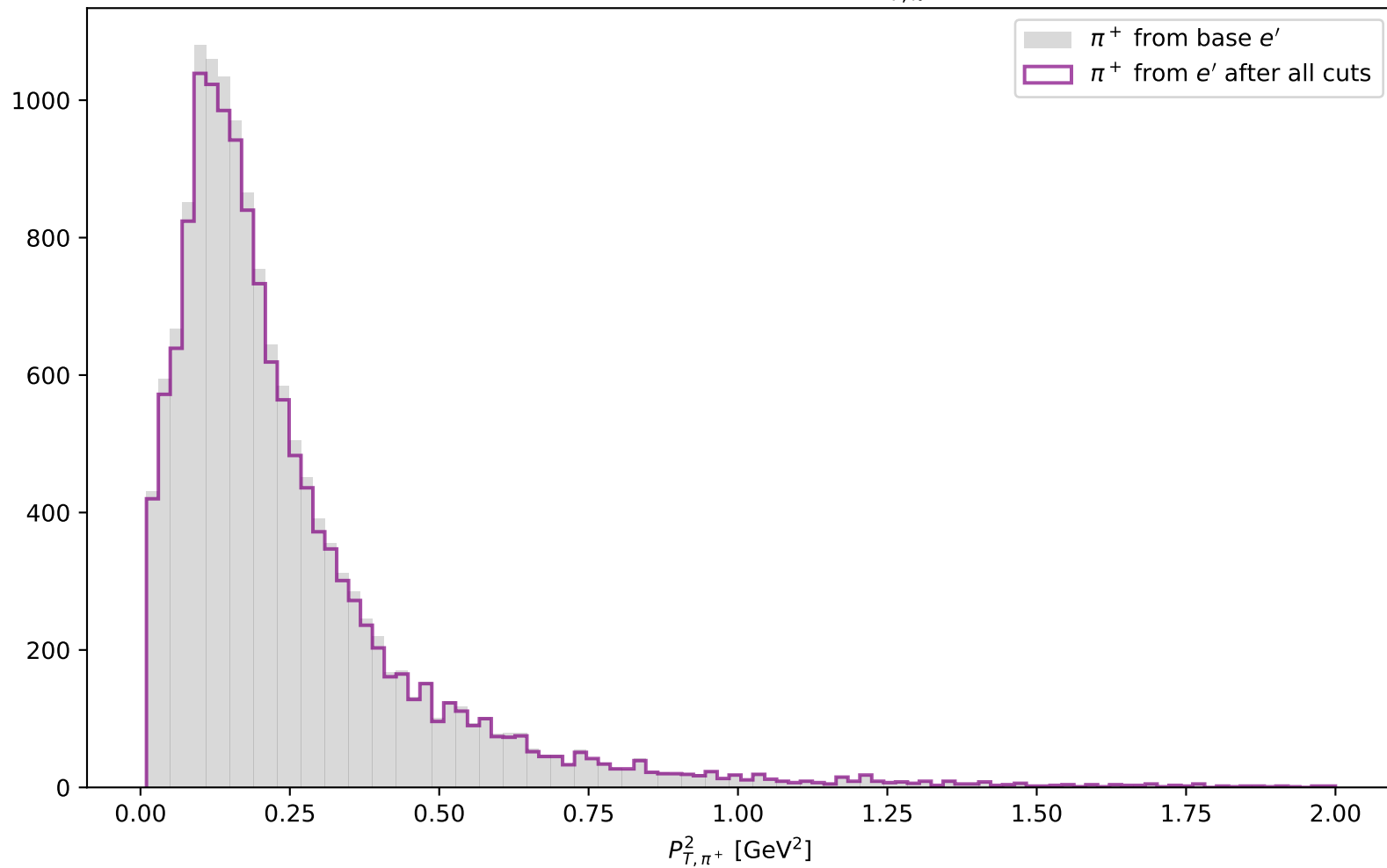
$\chi^2_{PID, \pi^+}$  Distribution



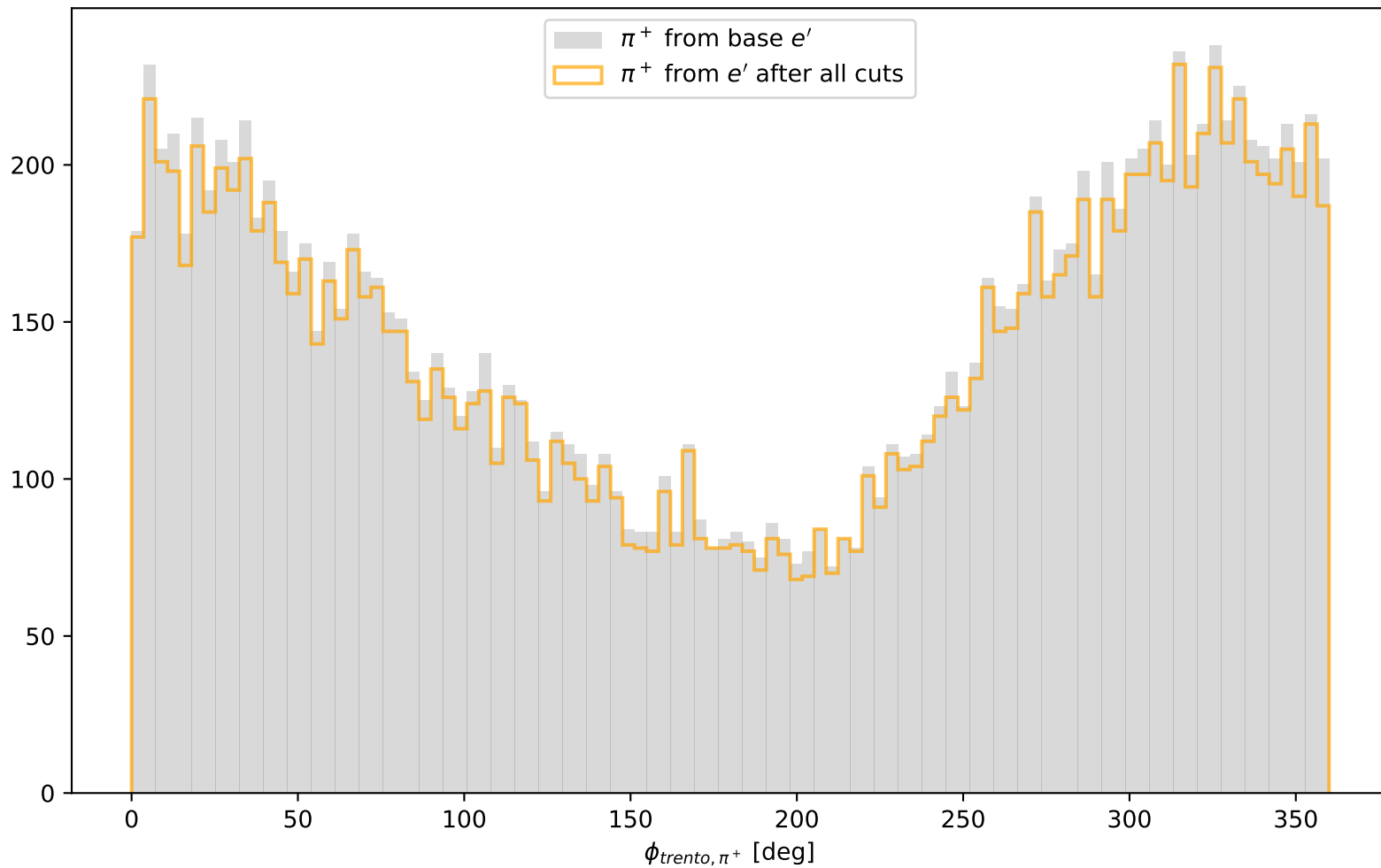
Energy Fraction  $z_{\pi^+}$

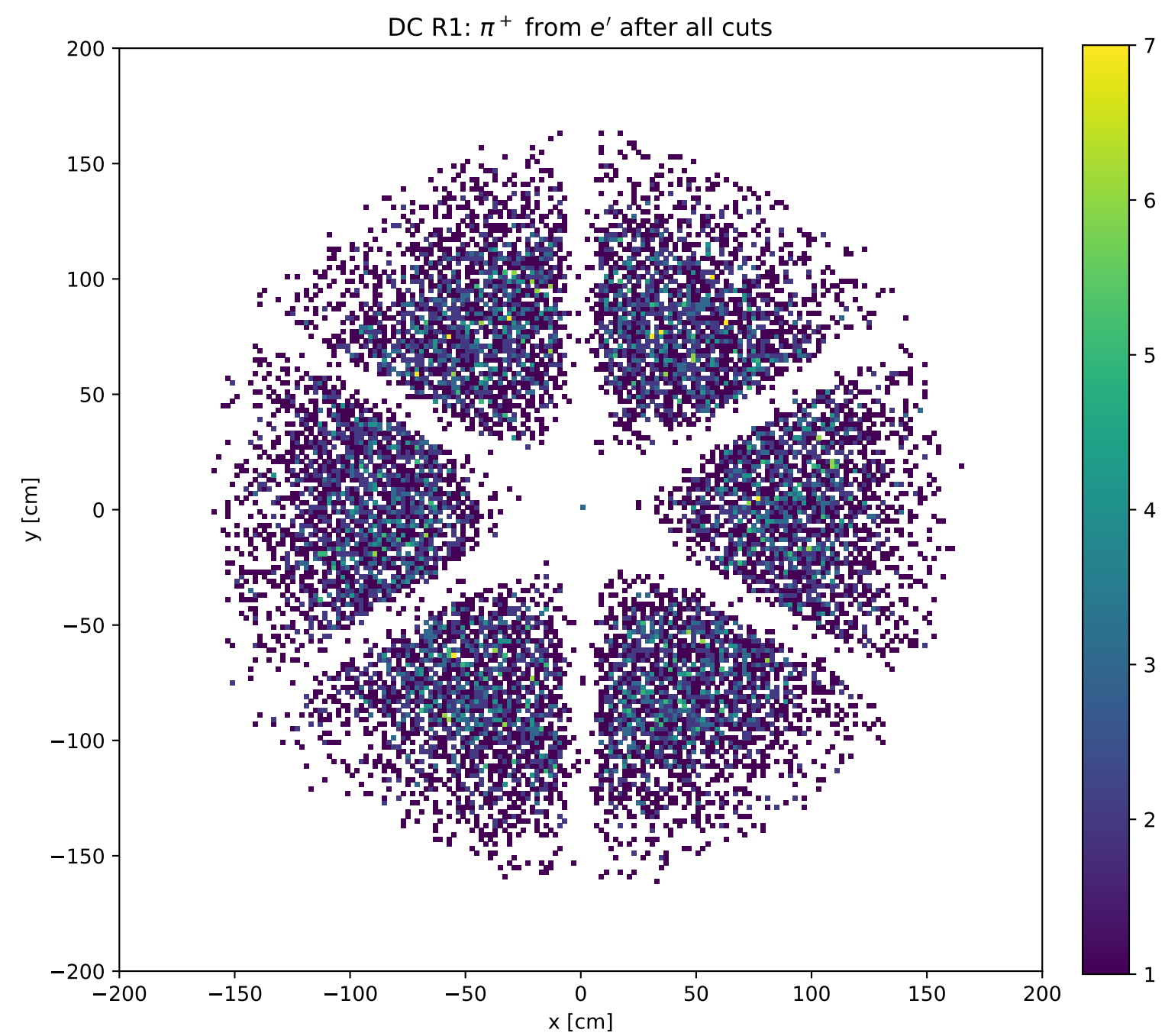
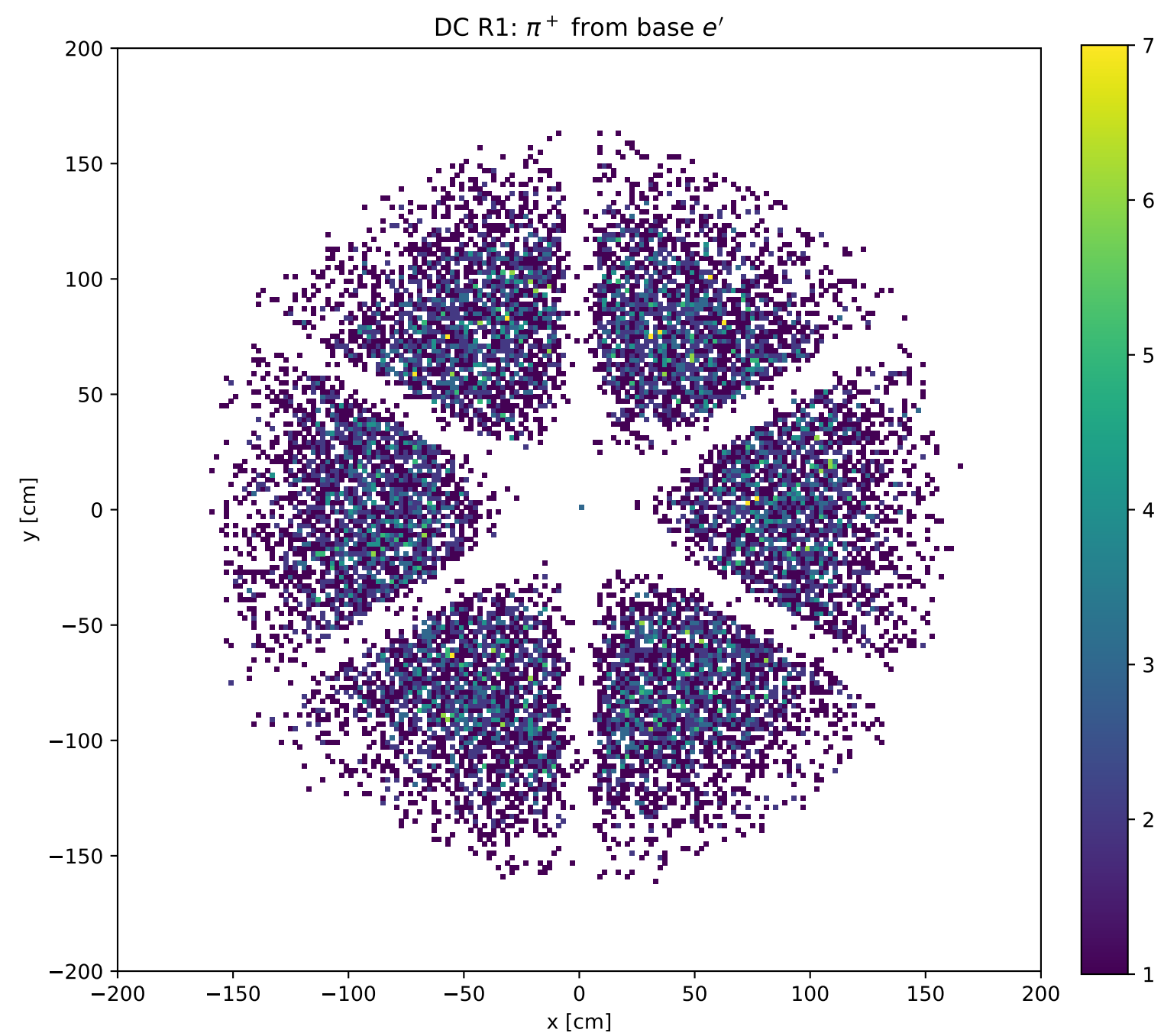


Transverse Momentum  $P_{T,\pi^+}^2$

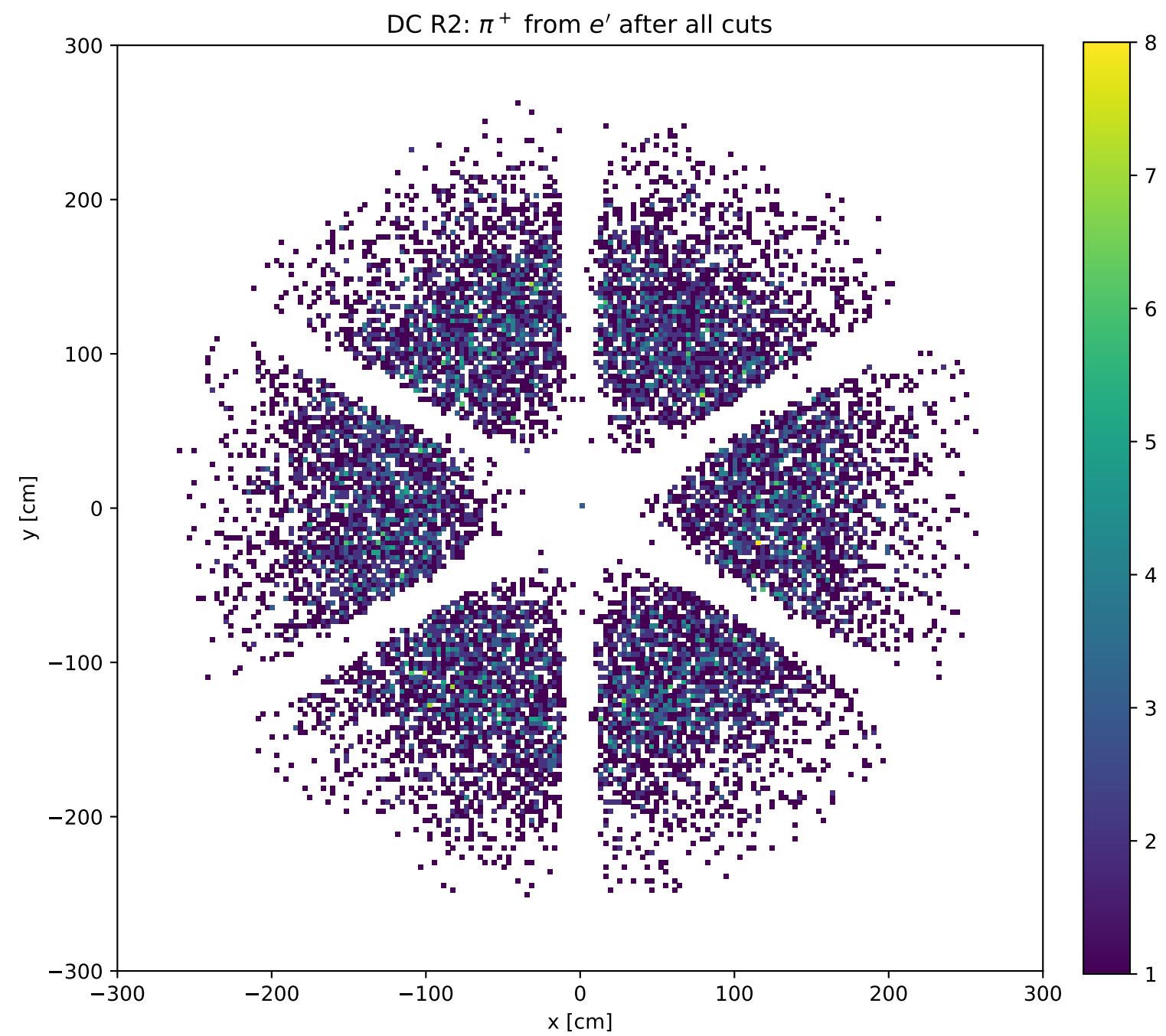
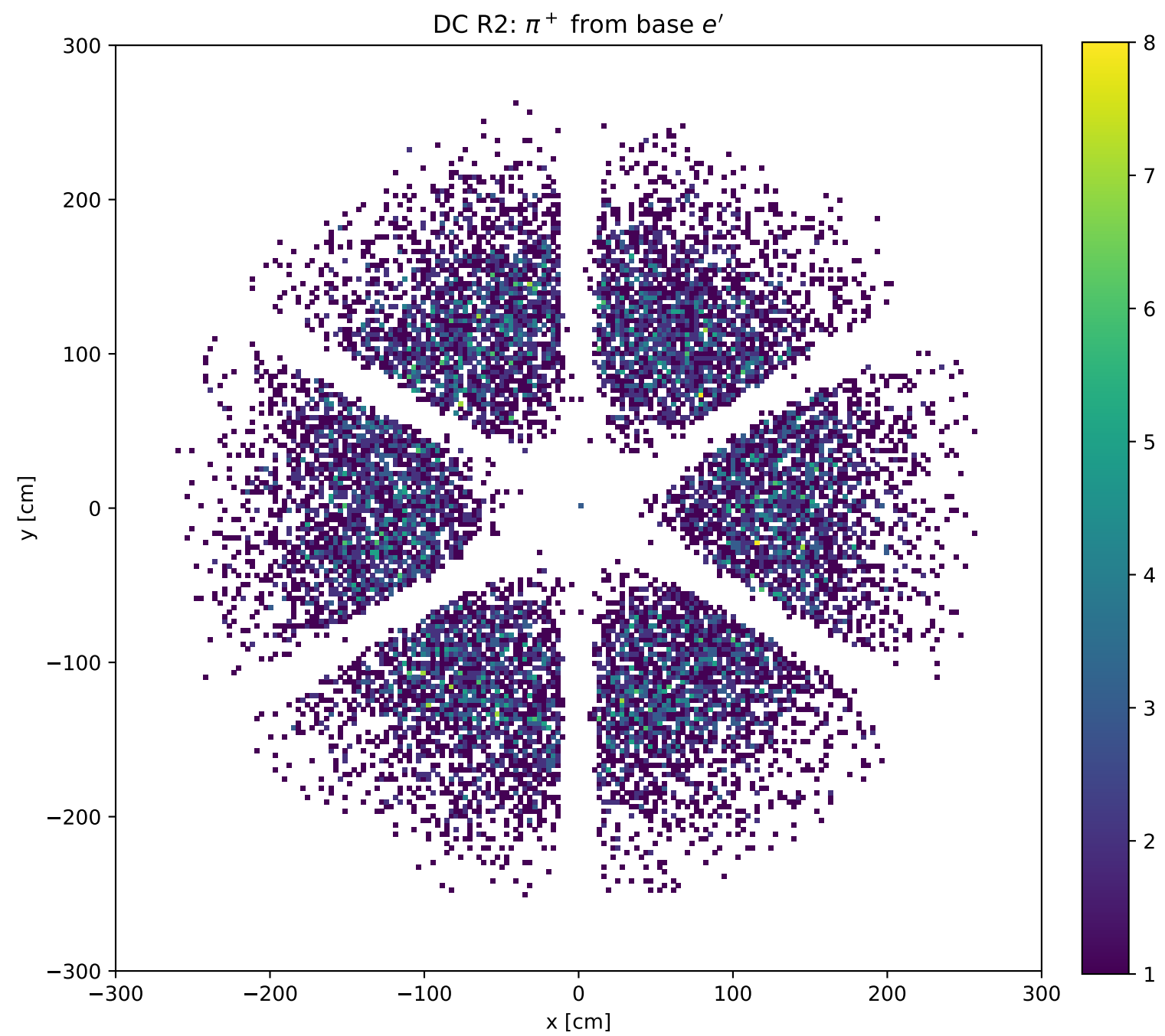


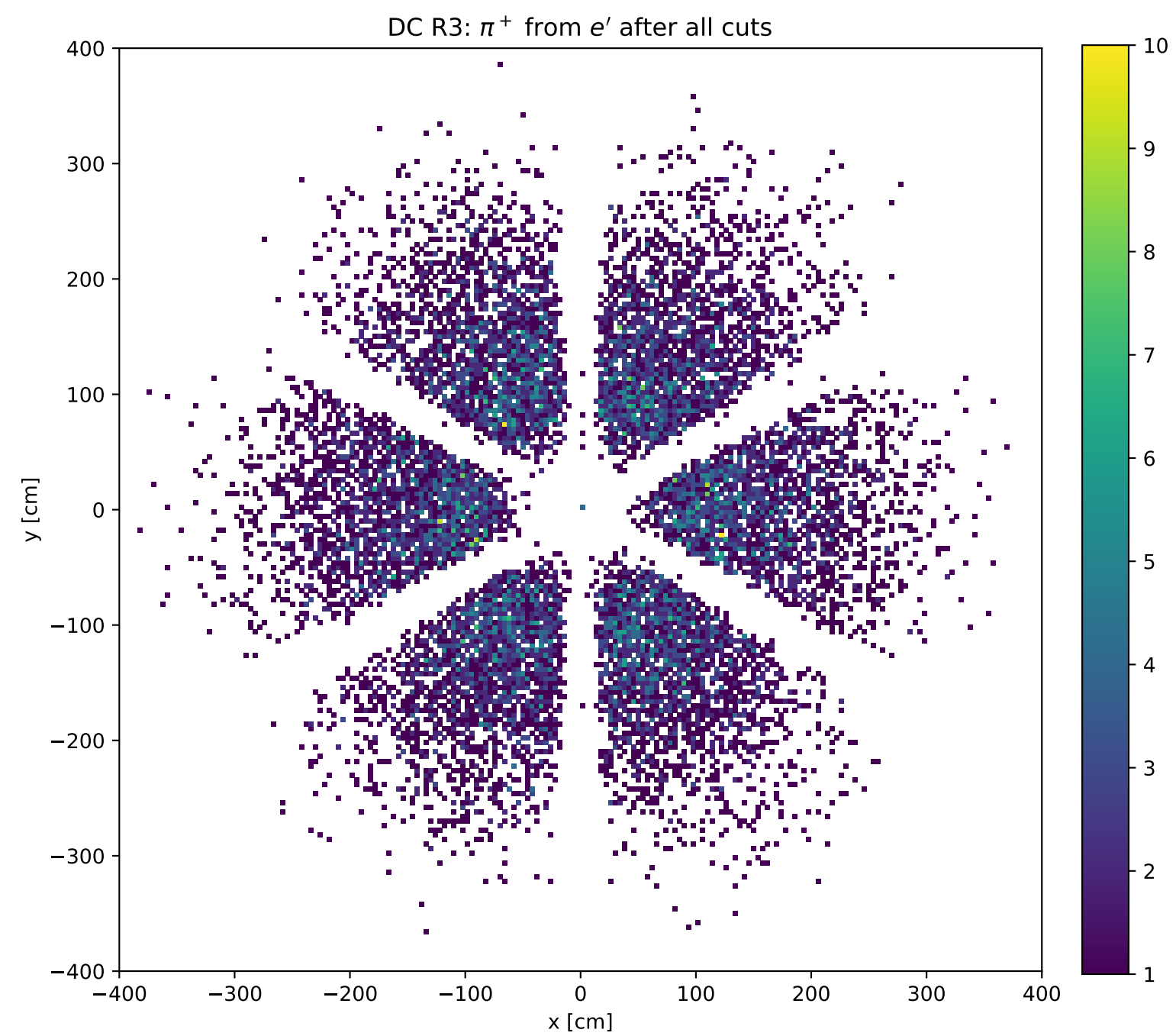
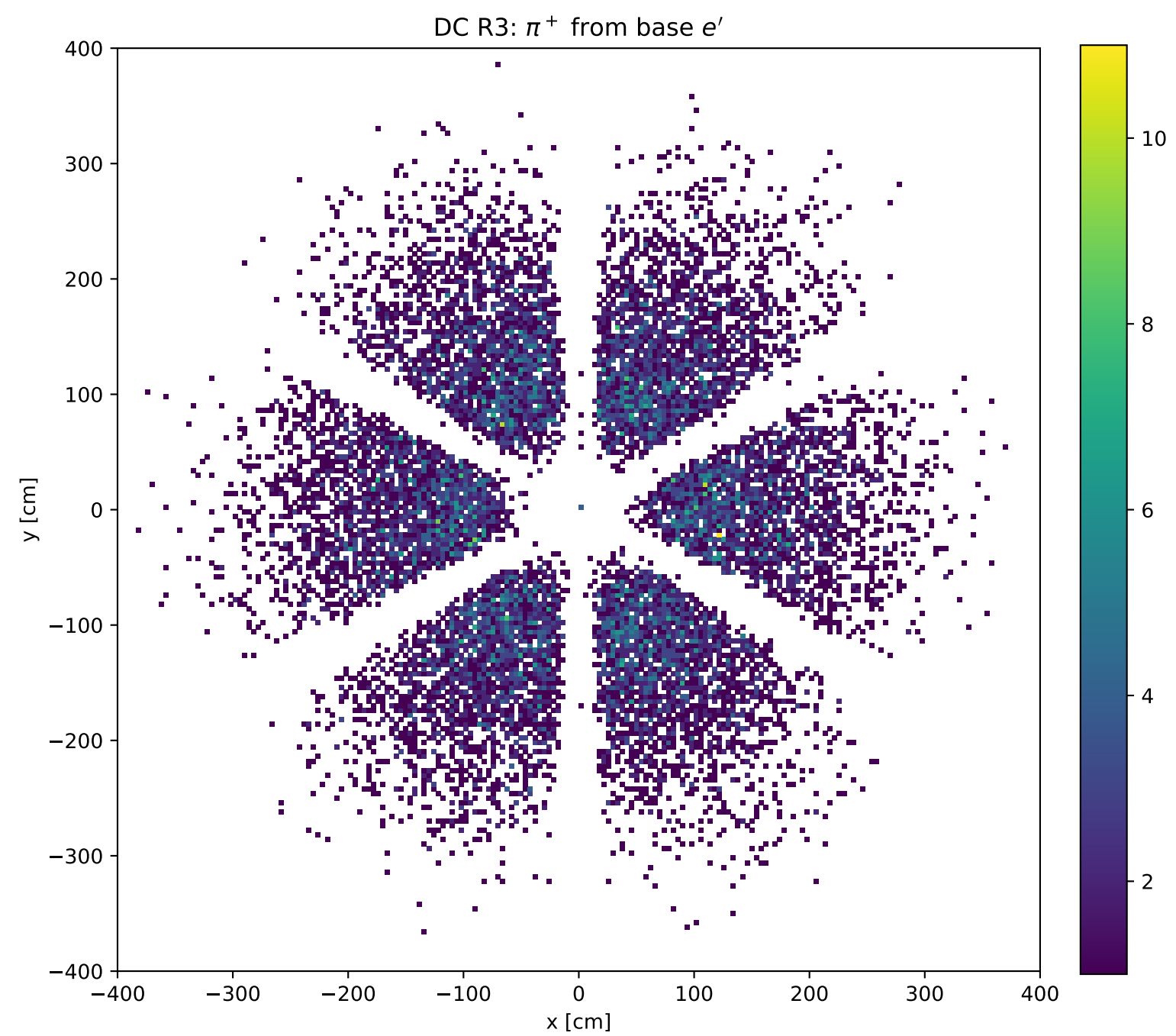
Trento Azimuthal Angle  $\phi_{trento,\pi^+}$



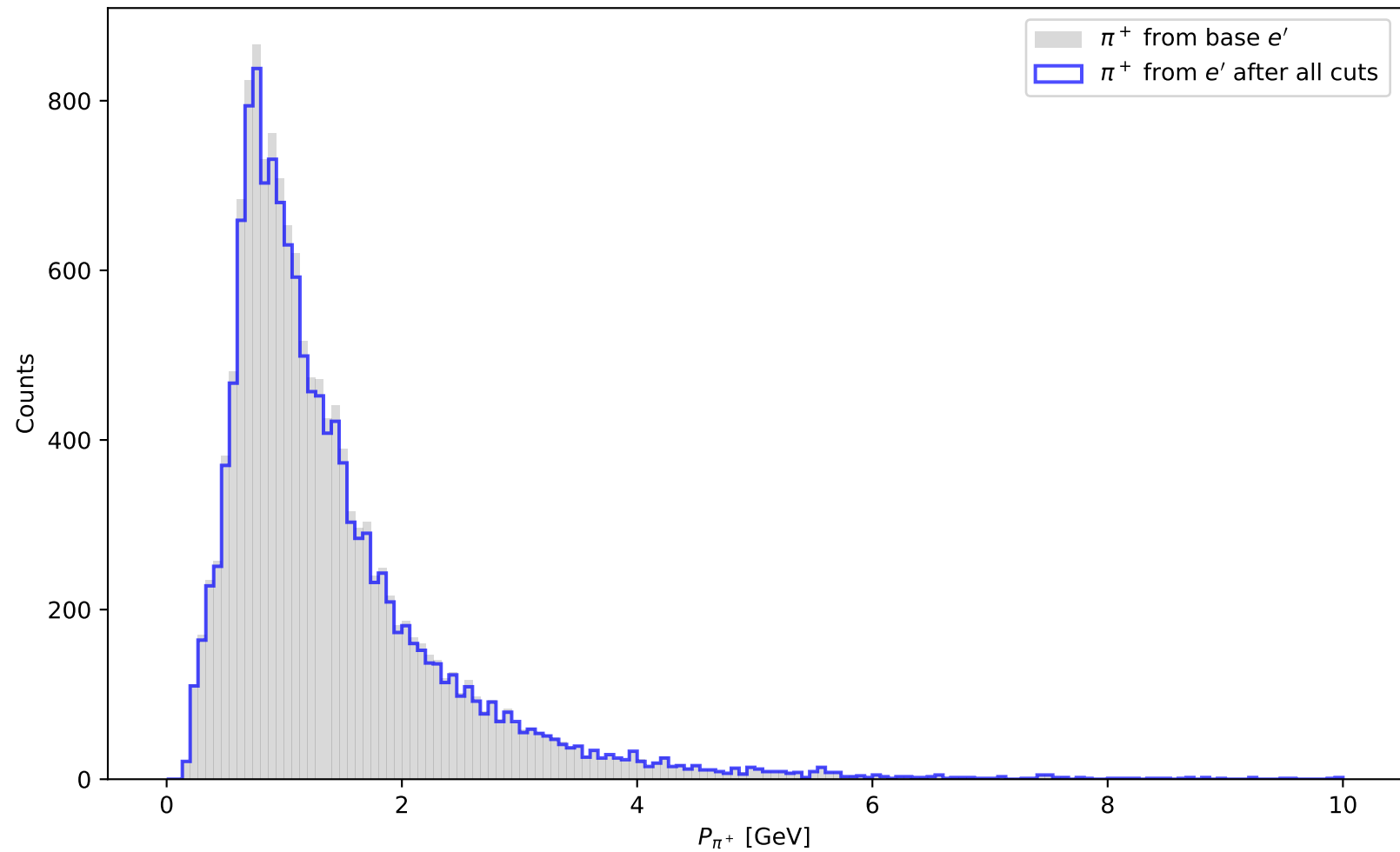




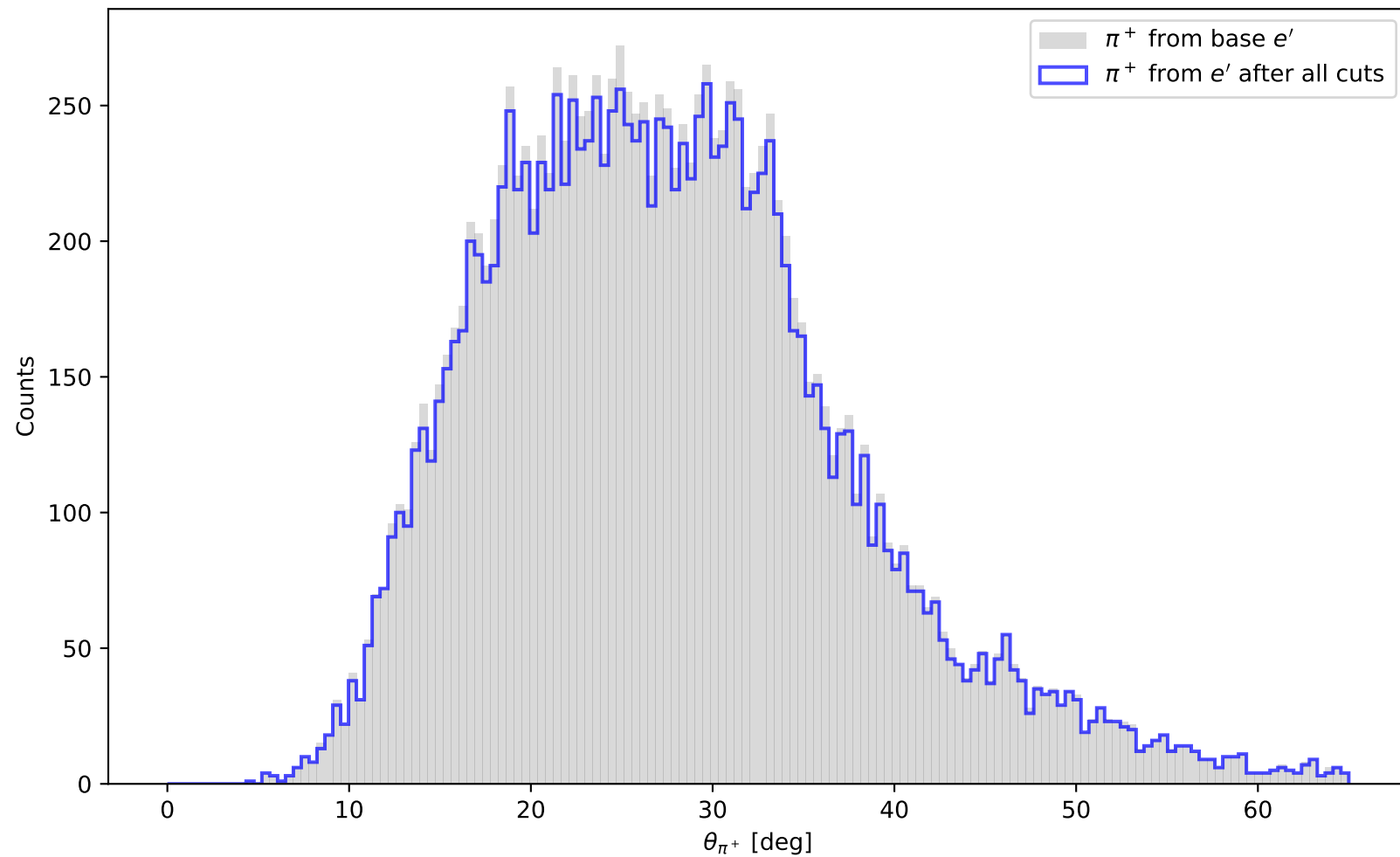




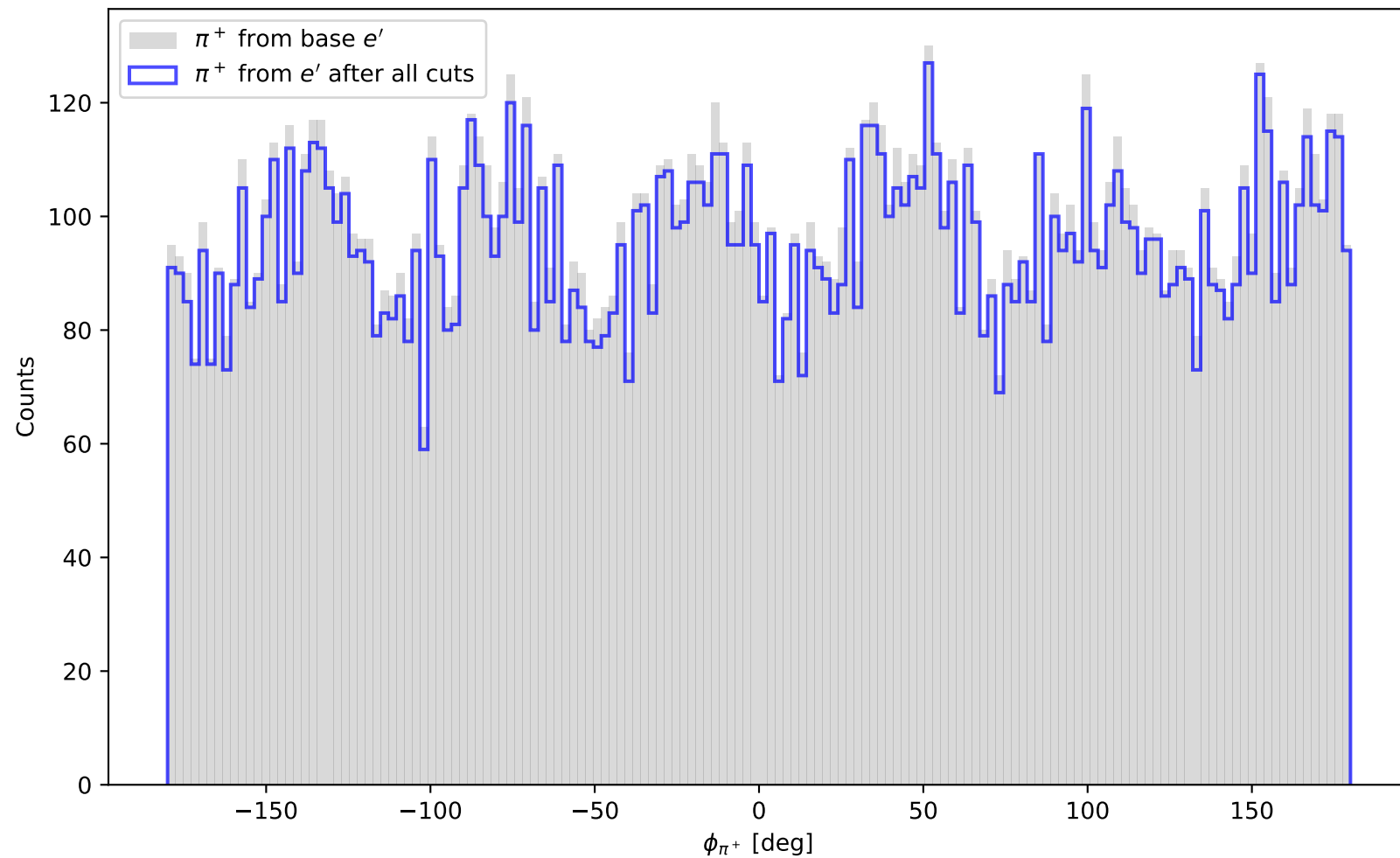
$P_{\pi^+}$  Distribution



$\theta_{\pi^+}$  Distribution



$\phi_{\pi^+}$  Distribution



## Numerical Statistics: Cu

Reduction Summary for Target: Cu

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Total Pions (Base e-): 14839

Total Pions (Clean e-): 14291

Rejection Percentage: 3.69%

Retention Percentage: 96.31%