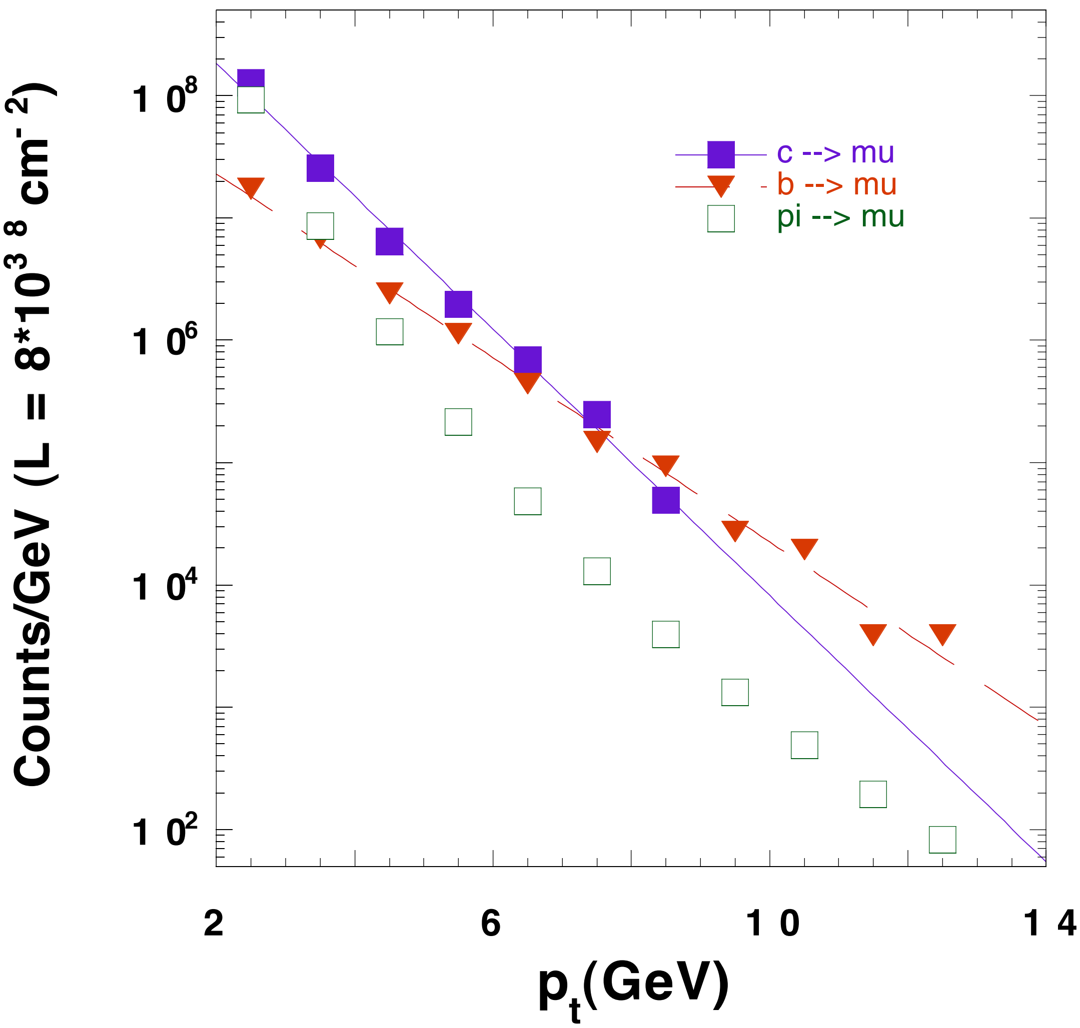

Figure 12. Production of single muons from charm, beauty, and pion decay into the PHENIX endcaps at $\sqrt{s}$ = 200 GeV versus transverse momentum. Straight lines have been drawn through the charm and beauty decay distributions to clarify the presentation.