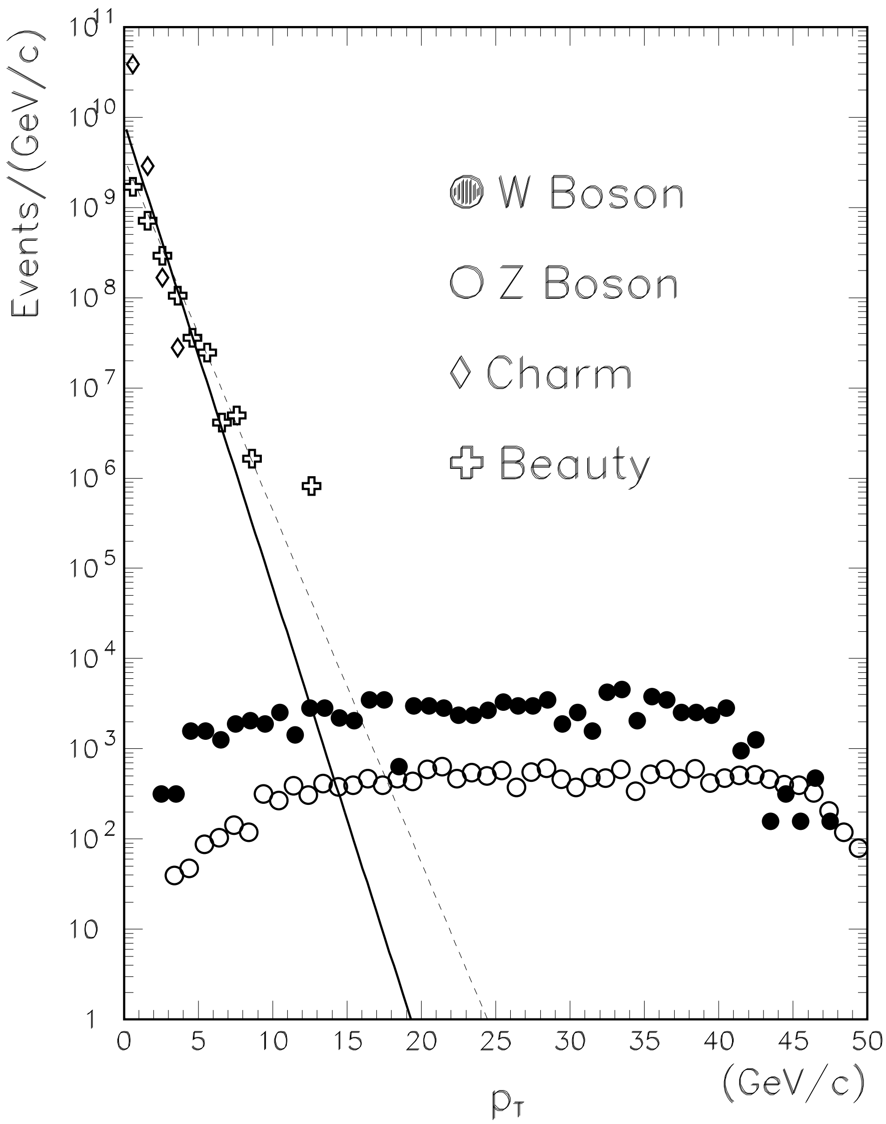

Figure 9. Production of single muons from charm, beauty, and vector boson decay into the PHENIX endcaps at $\sqrt{s}\ =\ 500$ GeV using ISAJET. The lines show two possible extrapolations of the beauty decays to higher transverse momenta where the calculation has insufficient statistical precision.