E791
Preliminary

FIGURES

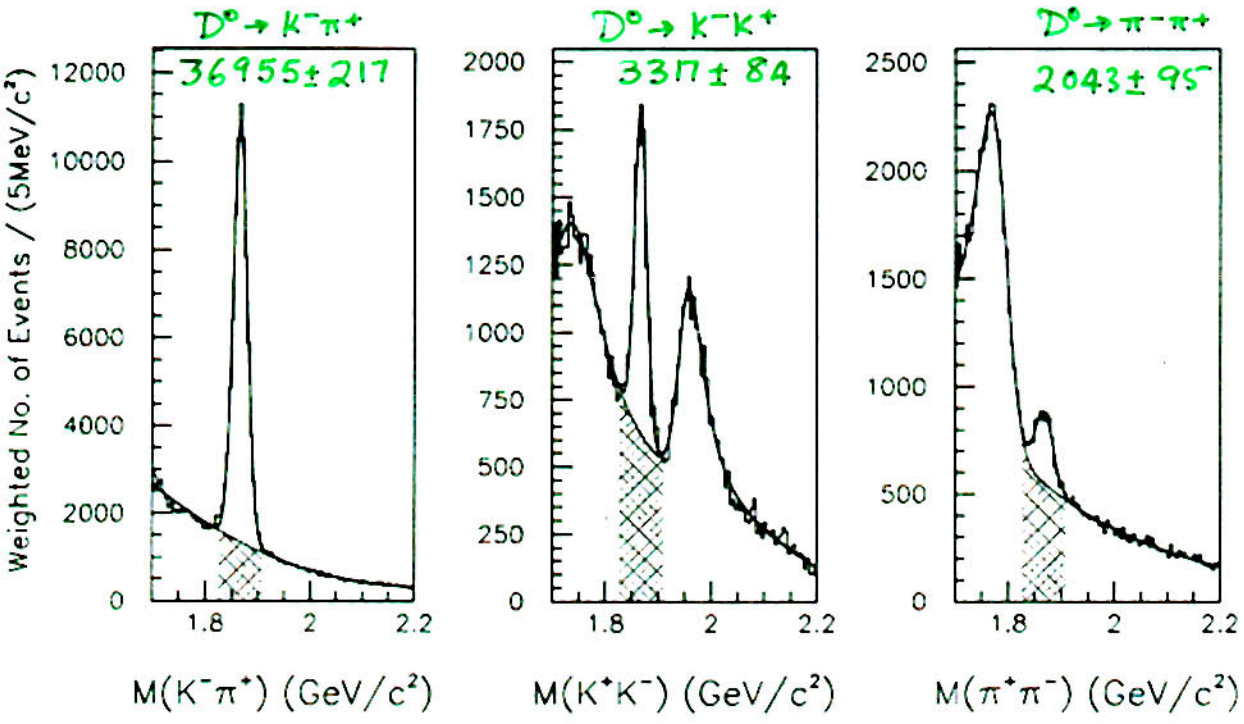

FIG. 1. Invariant mass of Čerenkov-weighted candidate $D^0 \to K^-\pi^+$ decays with the solid line corresponding to a fit to a Gaussian distribution plus a background shape given by a third-order polynomial (left), $D^0 \to K^-K^+$ with a background shape parametrized by a Breit-Wigner term plus a half-Gaussian-half-Breit-Wigner term plus a linear term (middle), and $D^0 \to \pi^-\pi^+$ with a background shape represented by a half-Breit-Wigner-half-Gaussian term plus an exponential term (right). Cross-hatched areas are our estimates of backgrounds below the signals.