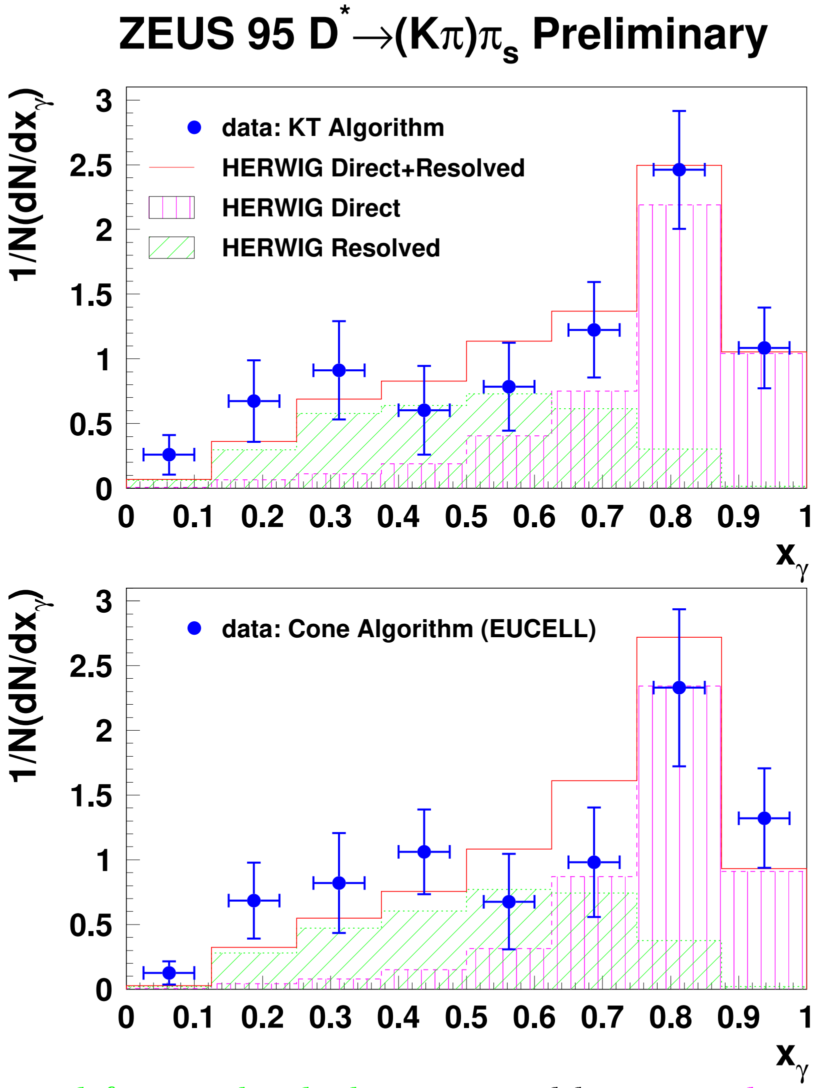
Resolved Contributions - Jet Analysis

ZEUS performed a jet analysis of charm-tagged events
$\Rightarrow$ study production mechanism, and compare with LO MC using large contributions of *charm in photon*

- Require two jets with $E_T > 4\,\mathrm{GeV}$ $|\eta| < 2.4$
  using a cone or a k_t algorithm
- momentum fraction of parton from $\gamma = x_\gamma = \frac{\Sigma_{\mathrm{jets}} E_T \cdot e^{-\eta}}{2 \cdot E_e \cdot y}$



- Indicate need for resolved photon in addition to direct contribution