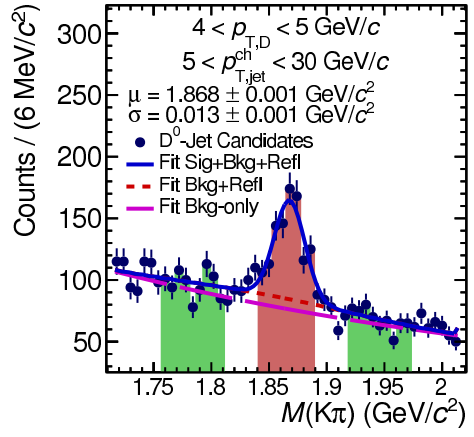
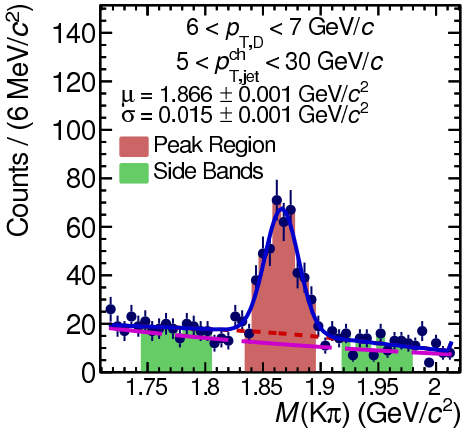
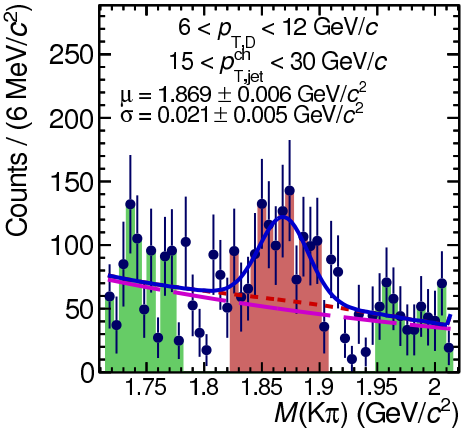
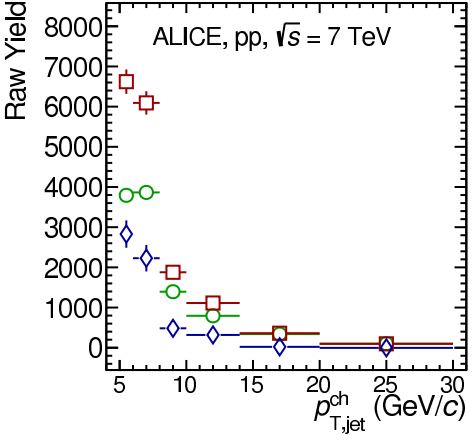
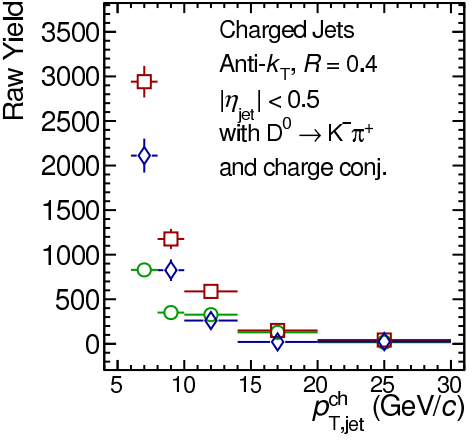
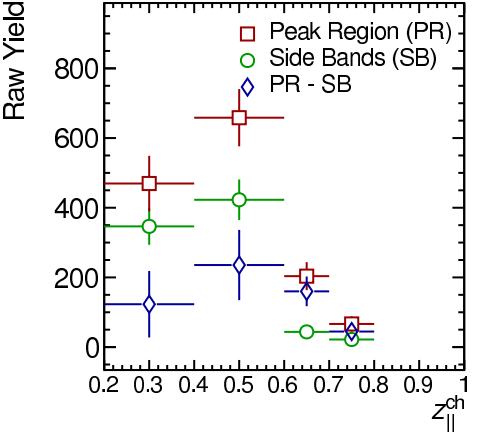

4 < $p_{T,D}$ < 5 GeV/c
5 < $p^{ch}_{T,jet}$ < 30 GeV/c
μ = 1.868 ± 0.001 GeV/c^2
σ = 0.013 ± 0.001 GeV/c^2
D^0-Jet Candidates
Fit Sig+Bkg+Refl
Fit Bkg+Refl
Fit Bkg-only
Counts / (6 MeV/c^2)
$M(K\pi)$ (GeV/c^2)


6 < $p_{T,D}$ < 7 GeV/c
5 < $p^{ch}_{T,jet}$ < 30 GeV/c
μ = 1.866 ± 0.001 GeV/c^2
σ = 0.015 ± 0.001 GeV/c^2
Peak Region
Side Bands
Counts / (6 MeV/c^2)
$M(K\pi)$ (GeV/c^2)


6 < $p_{T,D}$ < 12 GeV/c
15 < $p^{ch}_{T,jet}$ < 30 GeV/c
μ = 1.869 ± 0.006 GeV/c^2
σ = 0.021 ± 0.005 GeV/c^2
Counts / (6 MeV/c^2)
$M(K\pi)$ (GeV/c^2)


ALICE, pp, $\sqrt{s}$ = 7 TeV
Raw Yield
$p^{ch}_{T,jet}$ (GeV/c)


Charged Jets
Anti-k_T, R = 0.4
$|\eta_{jet}| < 0.5$
with $D^0 \rightarrow K^-\pi^+$
and charge conj.
Raw Yield
$p^{ch}_{T,jet}$ (GeV/c)


Peak Region (PR)
Side Bands (SB)
PR - SB
Raw Yield
$z^{ch}_{||}$