

dN/dp_T

pp, $\sqrt{s} = 5.02$ TeV

charged jets, anti- k_T , $R = 0.3$

with $D^0 \rightarrow K^- \pi^+$ and charge conj.

$|\eta_{\text{jet}}| < 0.6$

$15 < p_{T, \text{ch jet}} < 50$ GeV/c

$p_{T, D^0} > 5$ GeV/c

 10^2 10

0

0.2

0.4

0.6

0.8

 $z_{\parallel} = \frac{\vec{p}_{\text{ch jet}} \cdot \vec{p}_D}{|\vec{p}_{\text{ch jet}}| |\vec{p}_{\text{ch jet}}|}$ $\vec{p}_{\text{ch jet}}$ \vec{p}_D $|\vec{p}_{\text{ch jet}}|$ $|\vec{p}_{\text{ch jet}}|$