

dN/dp_T

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

charged jets, anti- k_T , $R = 0.4$

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

$|\eta_{\text{jet}}| < 0.5$

$7 < p_{T, \text{ch jet}} < 10$ GeV/c

$p_{T, D^0} > 3$ GeV/c

10^4

0.3

0.4

0.5

0.6

0.7

0.8

0.9

$p_{T, \text{ch jet}}$

p_{T, D^0}

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