

$dN/dp_T$

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

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

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

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

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

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

$p_{T, D^0}$

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

