

$dN/dp_T$ 

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

$10^2$  charged jets, anti- $k_T$ ,  $R = 0.4$

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

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

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

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

10

1

0

0.2

0.4

0.6

0.8

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

$\vec{p}_{\text{ch jet}}$

$\vec{p}_D$

$\vec{p}_{\text{ch jet}}$