

7000 GeV pp

Soft QCD

Prompt  $D^+$  + c.c.  $d\sigma / dp_T$  for rapidity interval  $2.0 < y < 2.5$ 

■ LHCB  
—▲ Pythia 8.315 default

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb\_2013\_l1218996)

Ratio to LHCb

0.5

2

1

10

 $10^2$  $10^3$  $p_T$  [GeV]

0.5

2

1