

7000 GeV pp

Soft QCD

Prompt $D^0 + \text{c.c.}$ $d\sigma / dp_T$ for rapidity interval $4.0 < y < 4.5$

■ LHCB
—▲ Pythia 8.315 default

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_I1218996)

Ratio to LHCb

2

1

0.5

 p_T [GeV]