

7000 GeV pp

Soft QCD

 $pT(D^0)$ ($y=2.0-2.5$)

■ LHCB
—▲ Pythia 8.186 default

Rivet 3.1.10, 1M events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_I1218996)

Ratio to LHCB

2

1

0.5

0 2 4 6 8

10^3
 10^2
 10
 1
 2
 1
 0.5