

7000 GeV pp

Soft QCD

 $pT(D^0)$ (y-4.0-4.5)

■ LHCB
—▲ Pythia 8.186 default

Rivet 3.1.10, 1M events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_I1218996)

Ratio to LHCB

10^3
 10^2
10
1
2
1
0.5

10
1
2
1
0.5

0

2

4

6

0

2

4

6