

7000 GeV pp

Soft QCD

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

- LHCB
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

 10^3 10^2

10

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCB_2013_I1218996)

Ratio to LHCB

2

1

0.5

2

1

0.5

0

2

4

6