

7000 GeV pp

Soft QCD

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

- LHCB
- △— Pythia 6.428 370
- - * - - Pythia 6.428 378
- - * - - Pythia 6.428 379

 10^3 10^2

10

1

2

0.5

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

(LHCb_2013_I1218996)

Ratio to LHCB

