

7000 GeV pp

Soft QCD

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

- LHCb
- ▲ Pythia 8.210 default
- -▲ Pythia 8.210 default-CD
- -▲ Pythia 8.210 default-DL
- ...▲ Pythia 8.210 default-MBR

 10^3 10^2

10

1

Ratio to LHCb

0.5

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_l1218996)

2

1

0.5

0

2

4

6

8