

7000 GeV pp

Soft QCD

 $p_T(\phi) \ (2.44 < y < 4.06)$

10

1

 10^{-1} 10^{-2}

- LHCB
- Pythia 6.428 350
- △— Pythia 6.428 370
- △— Pythia 6.428 380
- Pythia 6.428 p0
- - □ - - Pythia 6.428 p2010

(LHCB_2011_I919315)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to LHCB

2

1

0.5

2

1

0.5

1000

2000

3000

4000

5000