

7000 GeV pp

Soft QCD

 $y(\phi)$ ($0.6 < p_T < 5$ GeV)

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

2500

2000

1500

1000

500

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(LHCB_2011_I919315)

Ratio to LHCB

3

2

1

0.5

2

1

0.5

2.5

3

3.5

4