

7000 GeV pp

Soft QCD

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

10

1

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

- LHCb
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.243 default
- - ◆ Sherpa 2.2.9 default

(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