

7000 GeV pp

Soft QCD

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

10

1

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

LHCb



Pythia 8.201 default

(LHCb_2011_I919315)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to LHCb

2

1

0.5

2

1

0.5

1000

2000

3000

4000

5000