

7000 GeV pp

Soft QCD

 $p_T(\phi) \ (2.44 < y < 4.06)$ $d\sigma/dp_T \ [\mu\text{b/MeV}]$

10

1

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

LHCb

(LHCb_2011_I919315)

mcplots.cern.ch [arXiv:1306.3436]

2

2

1

1

0.5

0.5

Ratio to LHCb

 $p_T^{\text{Phi}} \ [\text{MeV}]$

1000

2000

3000

4000

5000