

7000 GeV pp

Soft QCD

 $(p+\bar{p})/(\pi^+ + \pi^-)$ ratio at $\sqrt{s}=7$ TeV ($0.0 < p_T < 0.8$ GeV)

■ LHCb

— Pythia 8.307 pptherm

 $(p+\bar{p})/(\pi^+ + \pi^-)$ 0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02

(LHCb_2012_I1119400)

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to LHCb

2
1
0.52
1
0.5

3

3.5

4

4.5

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