

7000 GeV pp

Soft QCD

 $(p+\bar{p})/(K^+ + K^-)$ ratio at $\sqrt{s}=7$ TeV ($0.8 < p_T < 1.2$ GeV)

■ LHCb

— Pythia 8.307 ppthermNoScat

 $(p+\bar{p})/(K^+ + K^-)$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2012_I1119400)

Ratio to LHCb

2

1

0.5

 η

2.5

3

3.5

4

4.5