

7000 GeV pp

Soft QCD

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

- LHCB
- - □ Herwig 7.2.1 default
- ... ♦ Sherpa 2.2.9 default

0.5

0.4

0.3

0.2

0.1

(LHCB\_2012\_I1119400)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

2

2

Ratio to LHCB

1

1

0.5

0.5

2.5

3

3.5

4

4.5

 $\eta$