

7000 GeV pp

Soft QCD

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

- LHCb
- Herwig++ 2.7.1 default
- Herwig++ 2.7.1 UE-EE-5
- Herwig 7.2.1 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb\_2012\_I1119400)

Ratio to LHCb

