

7000 GeV pp

Soft QCD

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

- LHCb
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.165 default
- - ◆ Sherpa 2.2.9 default

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2012_I1119400)

Ratio to LHCb

2

1

0.5

 η

2.5

3

3.5

4

4.5