

900 GeV pp

Soft QCD

 $K^-/K^+$  ratio at  $\sqrt{s}=0.9$  TeV ( $p_T > 1.2$  GeV)

- LHCb
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.315 default
- - ◆ Sherpa 1.3.1 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb\_2012\_I1119400)

Ratio to LHCB

2

1

0.5

 $\eta$ 

2.5 3 3.5 4 4.5