

900 GeV pp

Soft QCD

 $K^-/K^+$  vs  $|y|$  ( $0.8 < p_T < 1.2$  GeV)

- LHCb
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.176 default
- - ◆ Sherpa 1.4.1 default

Rivet 3.1.0,  $\geq 100k$  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