

900 GeV pp

Soft QCD

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

- LHCb
- - □ Herwig 7.1.1 default
- - ▲ Pythia 8.170 default
- - ◆ Sherpa 1.4.5 default

Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

LHCb\_2012\_I1119400

Ratio to LHCb

2.5

3

3.5

4

4.5

 $\eta$ 

0

2

2

1

1

0.5

0.5

