

7000 GeV pp

Soft QCD

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

- LHCb
- △ Pythia 6.427 370
- -■ Pythia 6.427 default
- ▲ Pythia 8.315 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb\_2012\_I1119400)

Ratio to LHCb

2

1

0.5

 $\eta$ 