

7000 GeV pp

Soft QCD

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

- LHCB
- ▲ Pythia 8.230 default
- ▲ Pythia 8.230 default-noFsr
- ▲ Pythia 8.230 default-noRap

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

