

7000 GeV pp

Soft QCD

 $(K^+ + K^-)/(\pi^+ + \pi^-)$ ratio at $\sqrt{s}=7$ TeV ($0.0 < p_T < 0.8$ GeV)

- LHCB
- Herwig 7.2.1 default
- ▲-- Pythia 8.210 default
- ...♦... Sherpa 2.2.9 default

0.4

0.35

0.3

0.25

0.2

0.15

0.1

0.05

0

2

1

0.5

0

3

3.5

4

4.5

 η

(LHCb_2012_I1119400)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

Ratio to LHCB

