

900 GeV pp

Soft QCD

 $(K^+ + K^-)/(\pi^+ + \pi^-)$ ratio at $\sqrt{s}=0.9$ TeV ($0.8 < p_T < 1.2$ GeV)

- LHCb
- ▲— Pythia 8.315 default
- -▼- Pythia 8.315 tune-AU2
- ·◇· Pythia 8.315 tune-AU2lox
- ·□· Pythia 8.315 tune-AU2loxx
- ·*· Pythia 8.315 tune-AU2m

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2012_I1119400)

Ratio to LHCb

2

1

0.5

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