

900 GeV pp

Soft QCD

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

- LHCb
- ▲— Pythia 8.308 default
- -▼- Pythia 8.308 tune-AU2
- · ·◇· Pythia 8.308 tune-AU2lox
- · ·□· Pythia 8.308 tune-AU2loxx
- · ·★· Pythia 8.308 tune-AU2m

Rivet 3.1.10, ≥ 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