

900 GeV pp

Soft QCD

 $(K^-/K^+)/(\pi^-\pi^+) \text{ vs } |y| \text{ (} 0.8 < p_T < 1.2 \text{ GeV)}$

- 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