

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

0.7  
0.6  
0.5  
0.4  
0.3  
0.2  
0.1  
2  
1  
0.5Rivet 4.1.0, ≥ 100k events  
mcplots.cern.ch [arXiv:2401.10621]  
2  
1  
0.5

2.5 3 3.5 4 4.5

 $\eta$ 