

900 GeV pp

Soft QCD

 $\bar{\Lambda}/\Lambda$ $\bar{\Lambda}/\Lambda$ ratio at $\sqrt{s}=0.9$ TeV ($2.0 < y < 4.0$)

- LHCB
- ▲— Pythia 8.315 default
- -▼- - Pythia 8.315 tune-AU2
- · -◇- · Pythia 8.315 tune-AU2lox
- · -□- · Pythia 8.315 tune-AU2lox
- · -★- · Pythia 8.315 tune-AU2m

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCB_2011_I917009)

Ratio to LHCB

2

1

0.5

 p_T [GeV]