

900 GeV pp

Soft QCD

 $\bar{\Lambda}/K_s^0$ $\bar{\Lambda}/K_s^0$ ratio at $\sqrt{s}=0.9$ TeV ($1.00 < p_T < 2.50$ GeV)

- LHCb
- ▲— Pythia 8.315 default
- Pythia 8.315 tune-A14-CTEQL1
- - - Pythia 8.315 tune-A14-MSTW2008LO
- Pythia 8.315 tune-A14-NNPDF2.3LO
- - △ - - Pythia 8.315 tune-CUETP8S1

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

(LHCb_2011_I917009)

Ratio to LHCb

y

2

1

0.5

2

1

0.5

Rapidity (y)

2

2.5

3

3.5

4