

7000 GeV pp

Soft QCD

Fiducial  $\sigma(\phi \rightarrow K^+K^-)$  differential in  $p_{T,\phi}$  $d\sigma/dp_{T,\phi}$  [ $\mu\text{b}/\text{MeV}$ ]

■ ATLAS

— Pythia 8.315 qcdcr2

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2014\_I1282441)

Ratio to ATLAS

2

2

1

1

0.5

0.5

600

800

1000

1200

 $p_{T,\phi}$  [MeV]