

7000 GeV pp

Soft QCD

Fiducial $\sigma(\phi \rightarrow K^+K^-)$ differential in $p_{T,\phi}$

- ATLAS
- - ■ Pythia 6.425 default
- - ▲ Pythia 8.244 default

 $d\sigma/dp_{T,\phi}$ [$\mu\text{b}/\text{MeV}$]Rivet 4.1.0, $\geq 100\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2014_I1282441)

Ratio to ATLAS

2

1

0.5

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