

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
- ⋯+ Epos 1.99.crmc.1.3 default
- + Epos 1.99.crmc.1.3 lhcb

Rivet 4.1.0,  $\geq 100\text{k events}$ 

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2014\_I1282441)

Ratio to ATLAS

2

1

0.5

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