

7000 GeV pp

Soft QCD

Fiducial $\sigma(\phi \rightarrow K^+K^-)$ differential in $|y|$ $d\sigma/dy_\phi$ [μb]

- 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

 $|y|_\phi$ 