

7000 GeV pp

Soft QCD

 $p_T(\phi)$ (atlas2014- ϕ KK) $d\sigma/dp_{T,\phi}$ [$\mu\text{b}/\text{MeV}$]

- ATLAS
- - □ Herwig 7.2.1 default
- - $\triangle$ Pythia 6.428 370
- - $\diamond$ Sherpa 2.2.9 default

Rivet 3.1.10, $\geq 2.3\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

2

1

1

0.5

0.5

600

800

1000

1200

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

ATLAS 2014_11282441

