Fiducial $\sigma(\phi \to K^+K^-)$ differential in $|y_\phi|$

7000 GeV pp

Soft QCD

$d\sigma/dy_\phi$ [μb]

ATLAS
Pythia 6.428 370
Pythia 6.428 atlas-csc
Pythia 6.428 d6t
Pythia 6.428 default
Pythia 6.428 dw
Pythia 6.428 p0

(ATLAS_2014_I1282441)

Rivet 4.1.0, $\geq$ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

$|y_\phi|$