

7000 GeV pp

Soft QCD

Rapidity gap size in η starting from $\eta = \pm 4.9$, $p_T > 800$ MeV

■ ATLAS
— Pythia 8.307 pptherm

 $d\sigma / d\Delta\eta^F$ [mb]

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

 $\Delta\eta^F$ 