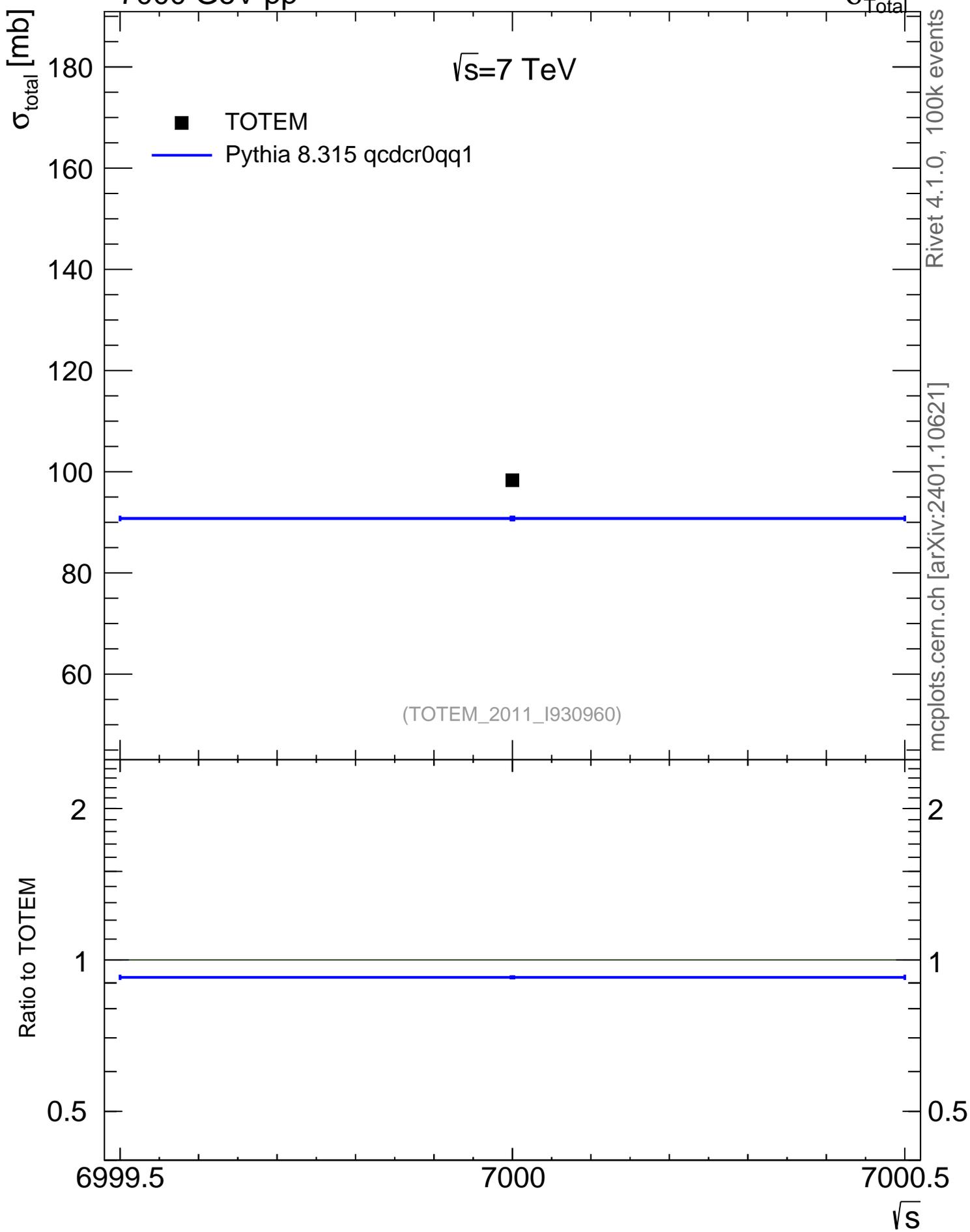


7000 GeV pp

$\sigma_{\text{Total}}$

$\sqrt{s}=7$  TeV

■ TOTEM  
— Pythia 8.315 qcdcr0qq1



mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5

$\sqrt{s}$

(TOTEM\_2011\_I930960)

6999.5

7000

7000.5

$\sigma_{\text{total}}$  [mb]

Ratio to TOTEM