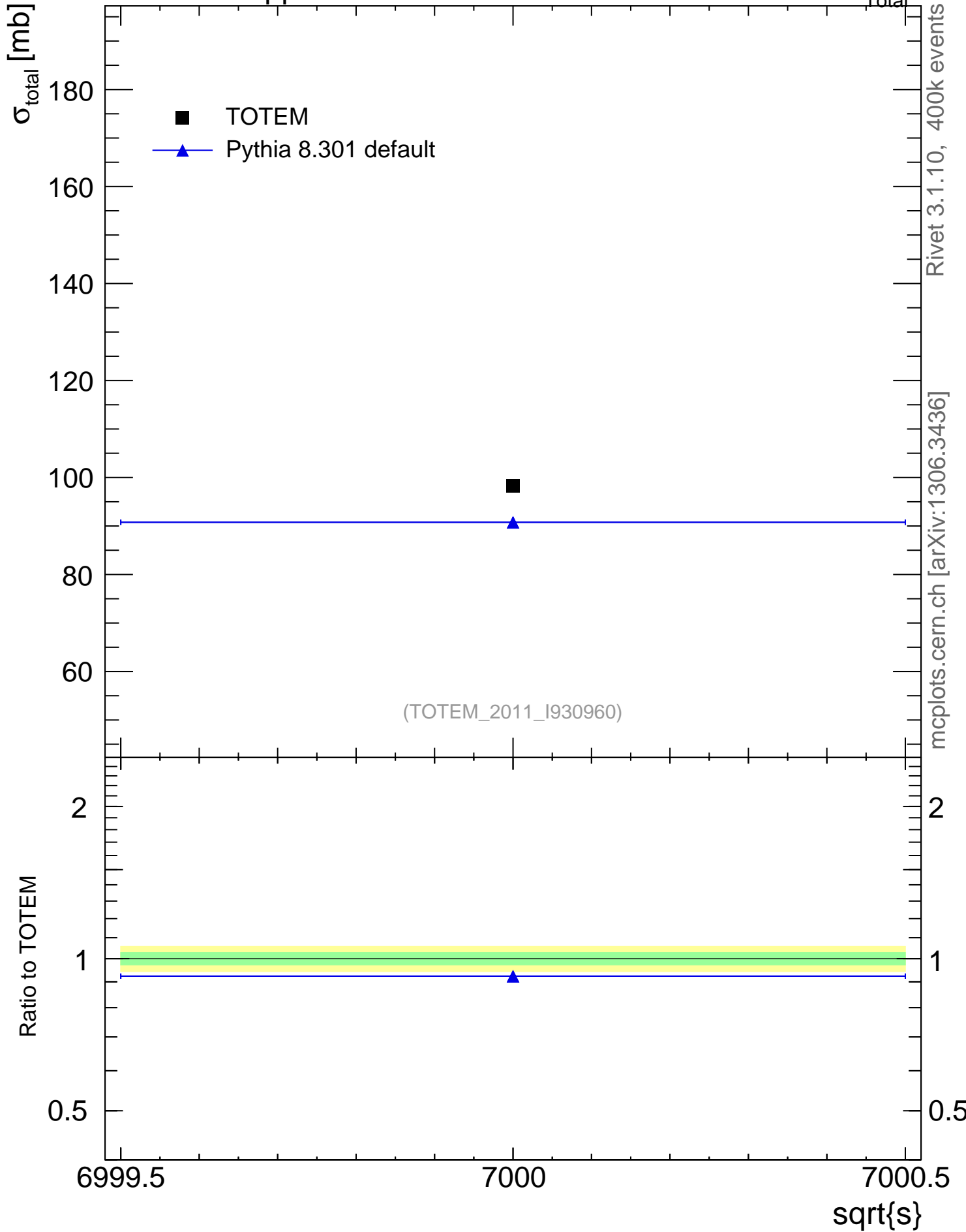


7000 GeV pp

$\sigma_{\text{Total}}$



■ TOTEM  
▲ Pythia 8.301 default

(TOTEM\_2011\_I930960)

$\sigma_{\text{Total}}$   
Rivet 3.1.10, 400k events  
mcplots.cern.ch [arXiv:1306.3436]

Ratio to TOTEM

$\sqrt{s}$