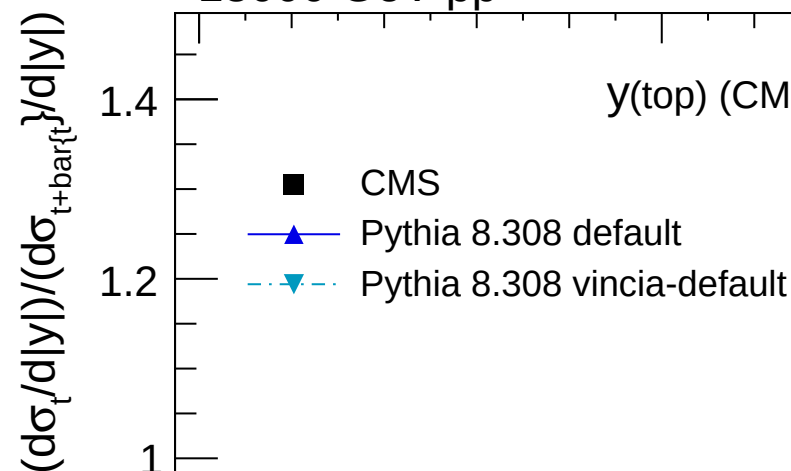


13000 GeV pp

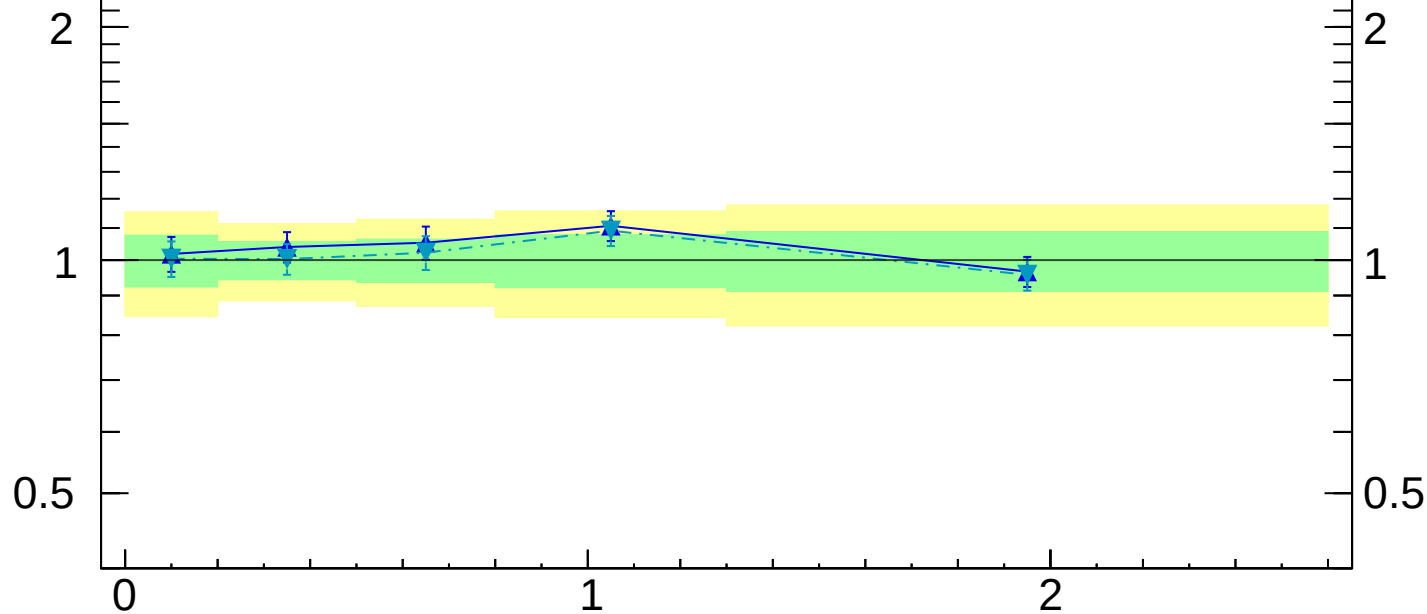
Top (t-channel)

 $y(\text{top})$ (CMS single top)Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

CMS_2019_I1744604

Ratio to CMS

Particle-level top quark $|y|$