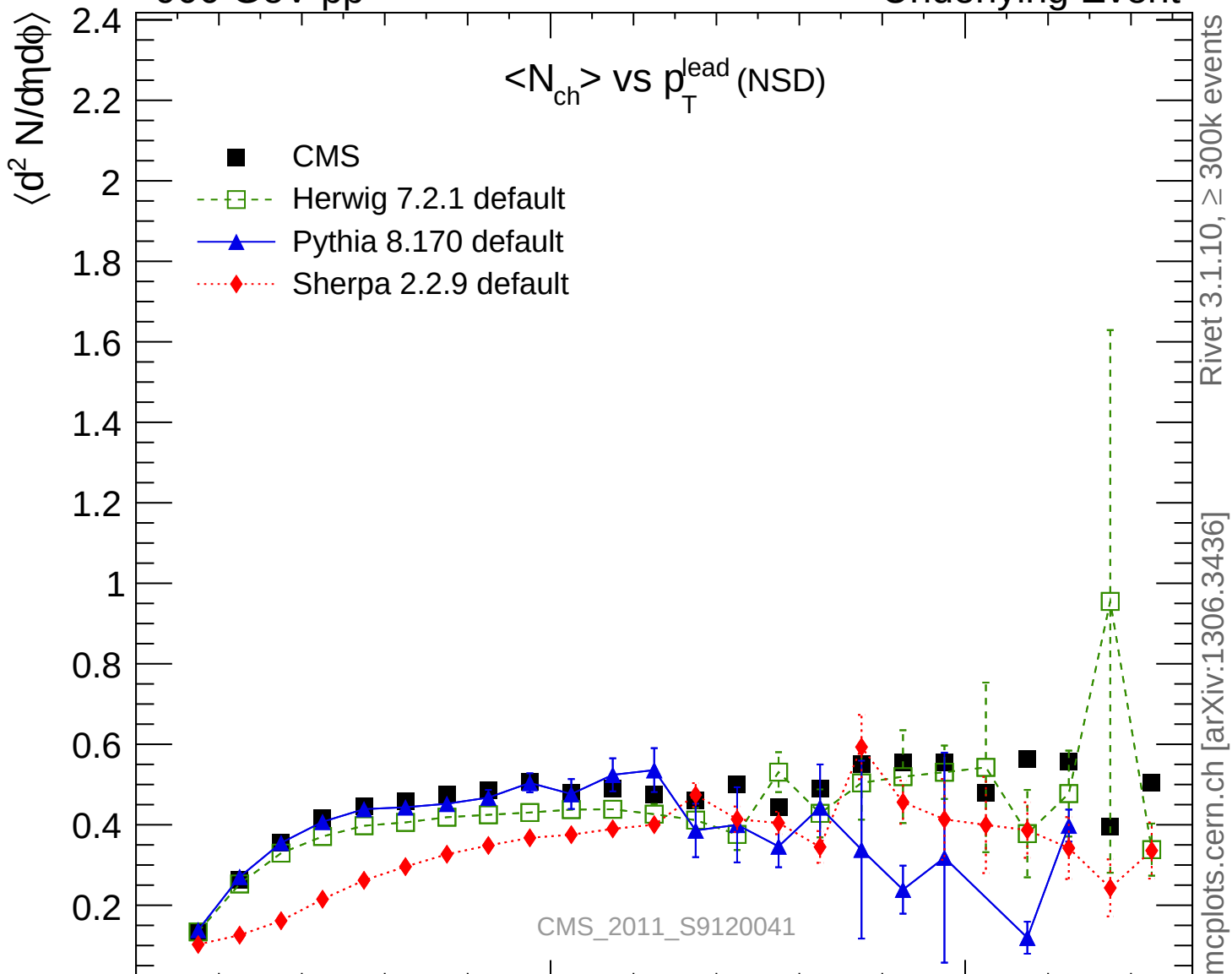


900 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs $p_{\text{T}}^{\text{lead}}$ (NSD)

- CMS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.170 default
- - ◆ Sherpa 2.2.9 default

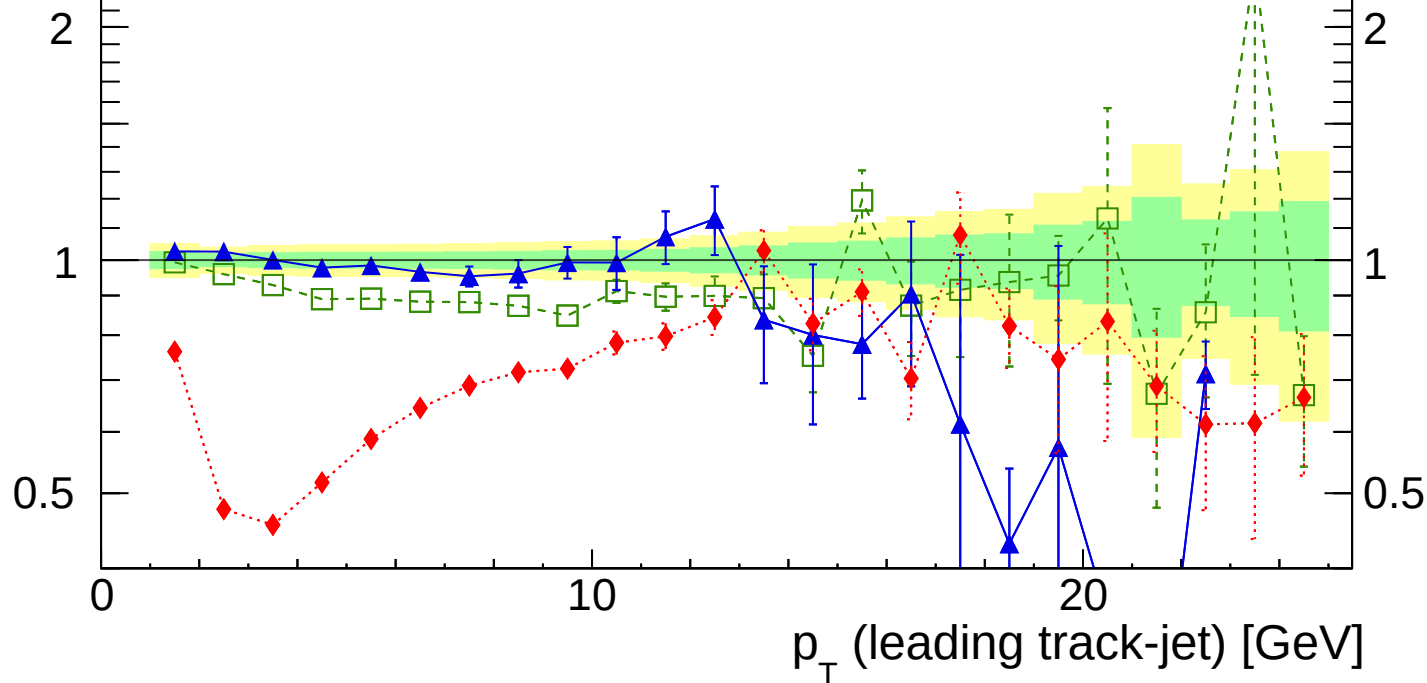


CMS_2011_S9120041

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10, $\geq 300\text{k events}$

Ratio to CMS

 p_{T} (leading track-jet) [GeV]