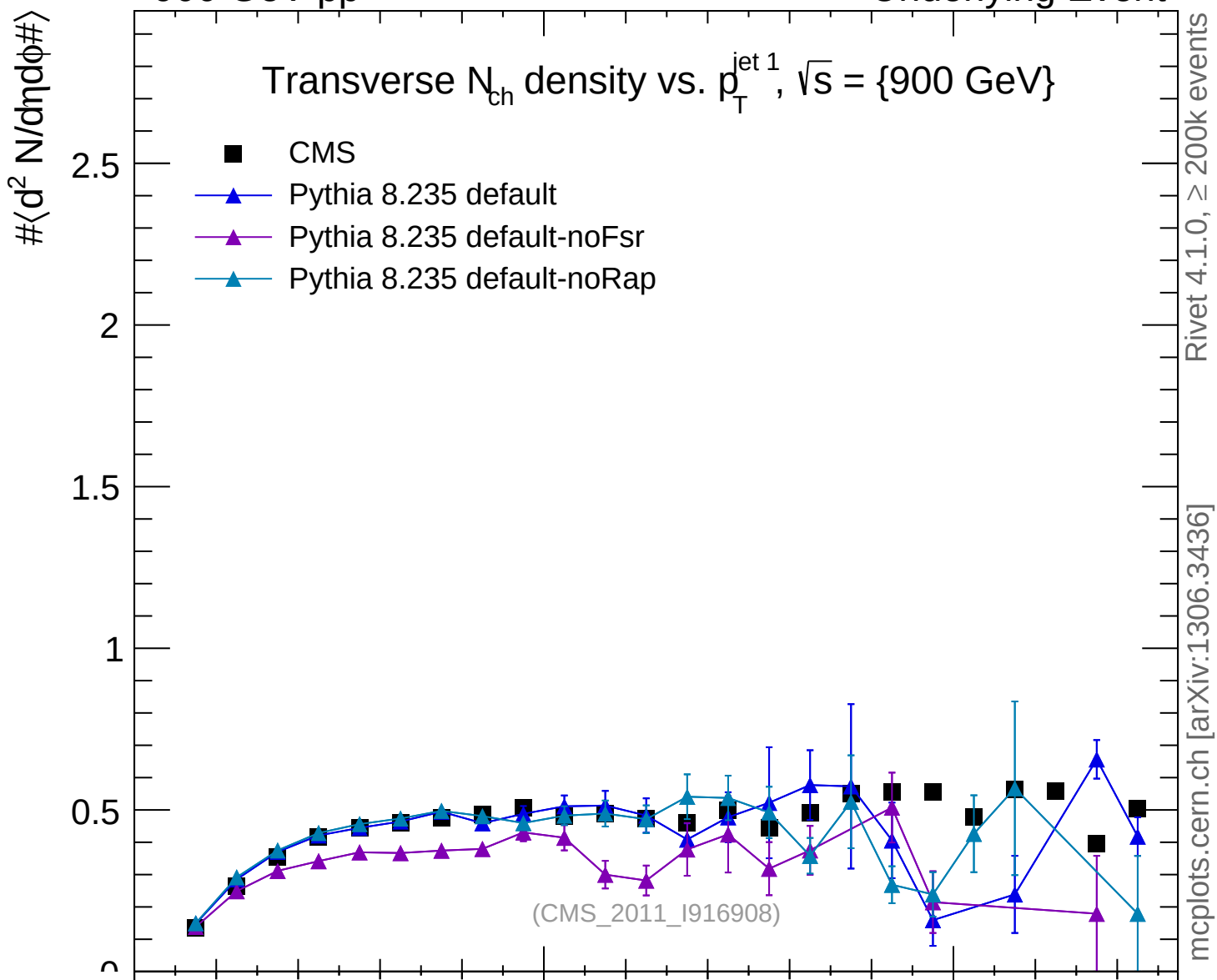


900 GeV pp

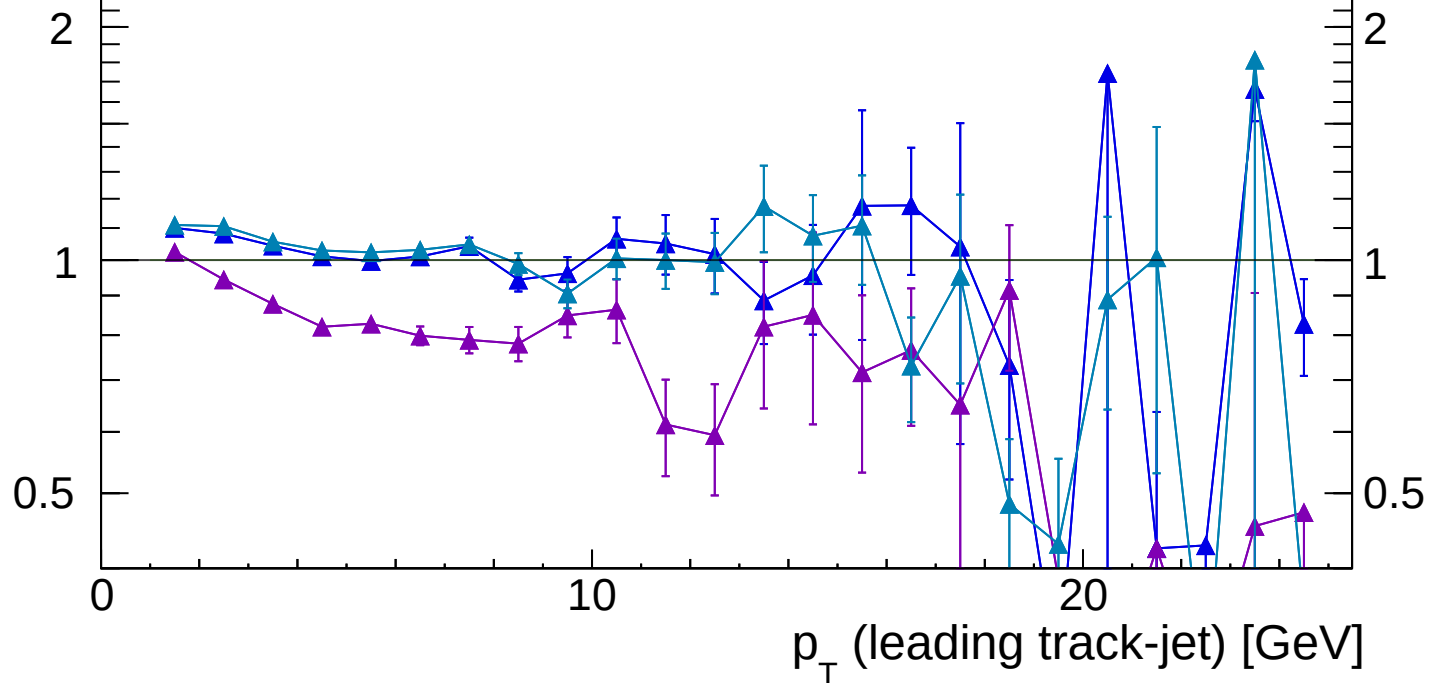
Underlying Event

Transverse  $N_{ch}$  density vs.  $p_T^{jet\ 1}$ ,  $\sqrt{s} = \{900\text{ GeV}\}$ 

- CMS
- ▲ Pythia 8.235 default
- ▲ Pythia 8.235 default-noFsr
- ▲ Pythia 8.235 default-noRap



Ratio to CMS

Rivet 4.1.0,  $\geq 200k$  events

mcplots.cern.ch [arXiv:1306.3436]