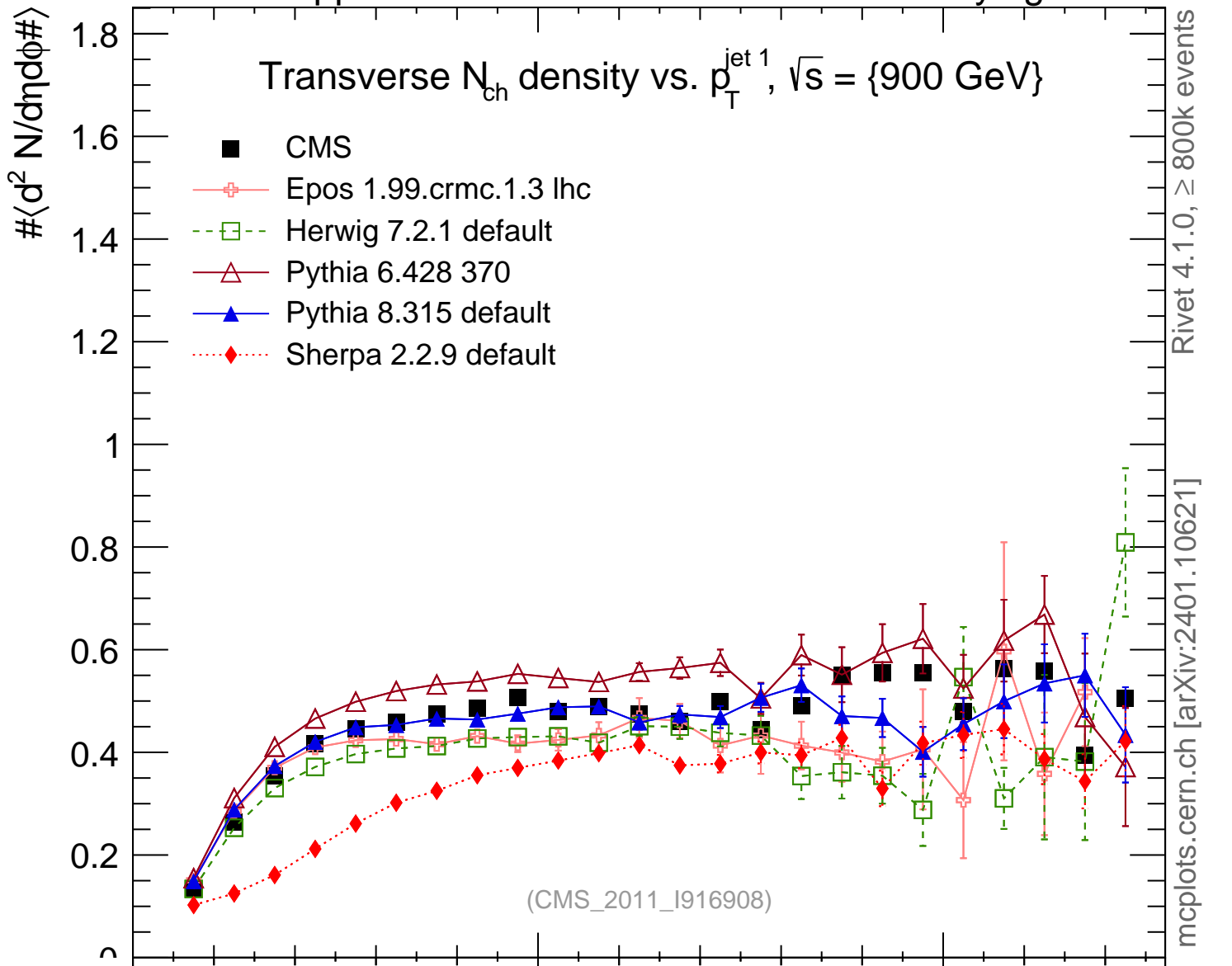


900 GeV pp

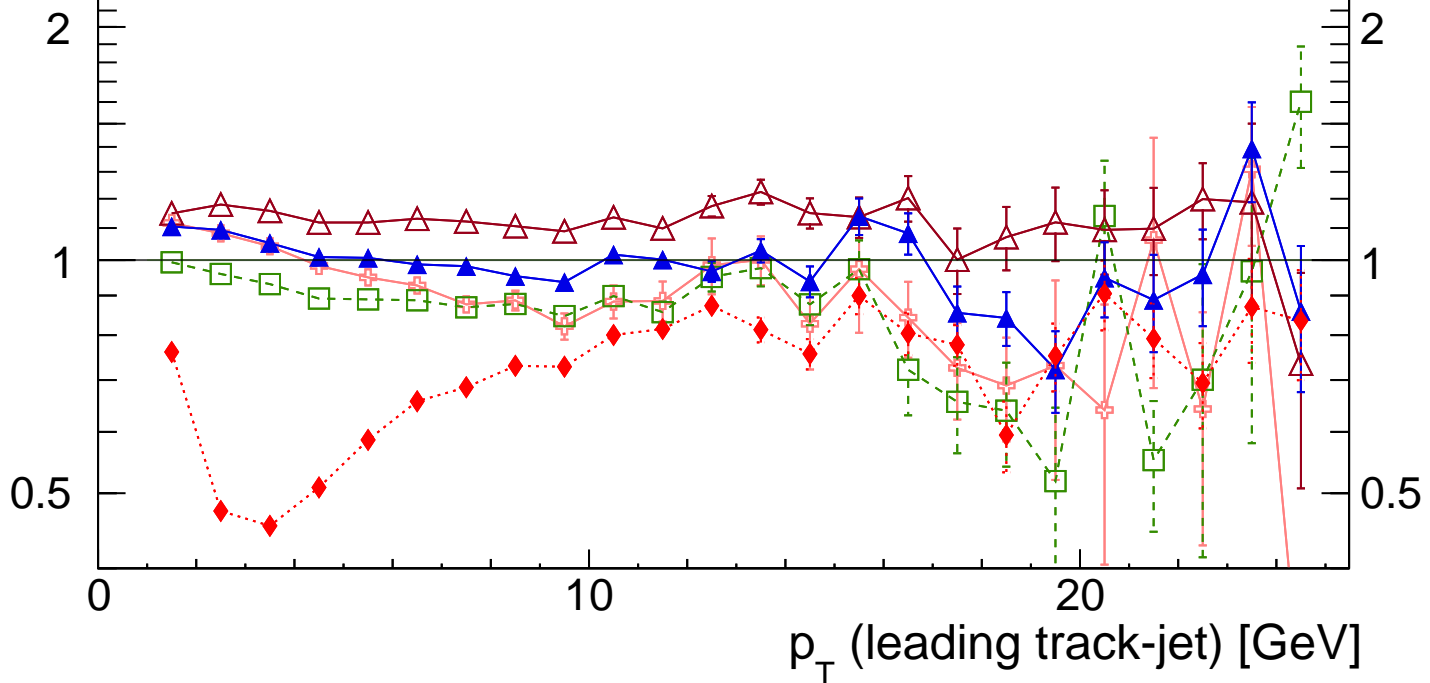
Underlying Event

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

- CMS
- + Epos 1.99.crmc.1.3 lhc
- -□ Herwig 7.2.1 default
- -△ Pythia 6.428 370
- -▲ Pythia 8.315 default
- -◆ Sherpa 2.2.9 default



Ratio to CMS



Rivet 4.1.0, ≥ 800k events

mcplots.cern.ch [arXiv:2401.10621]