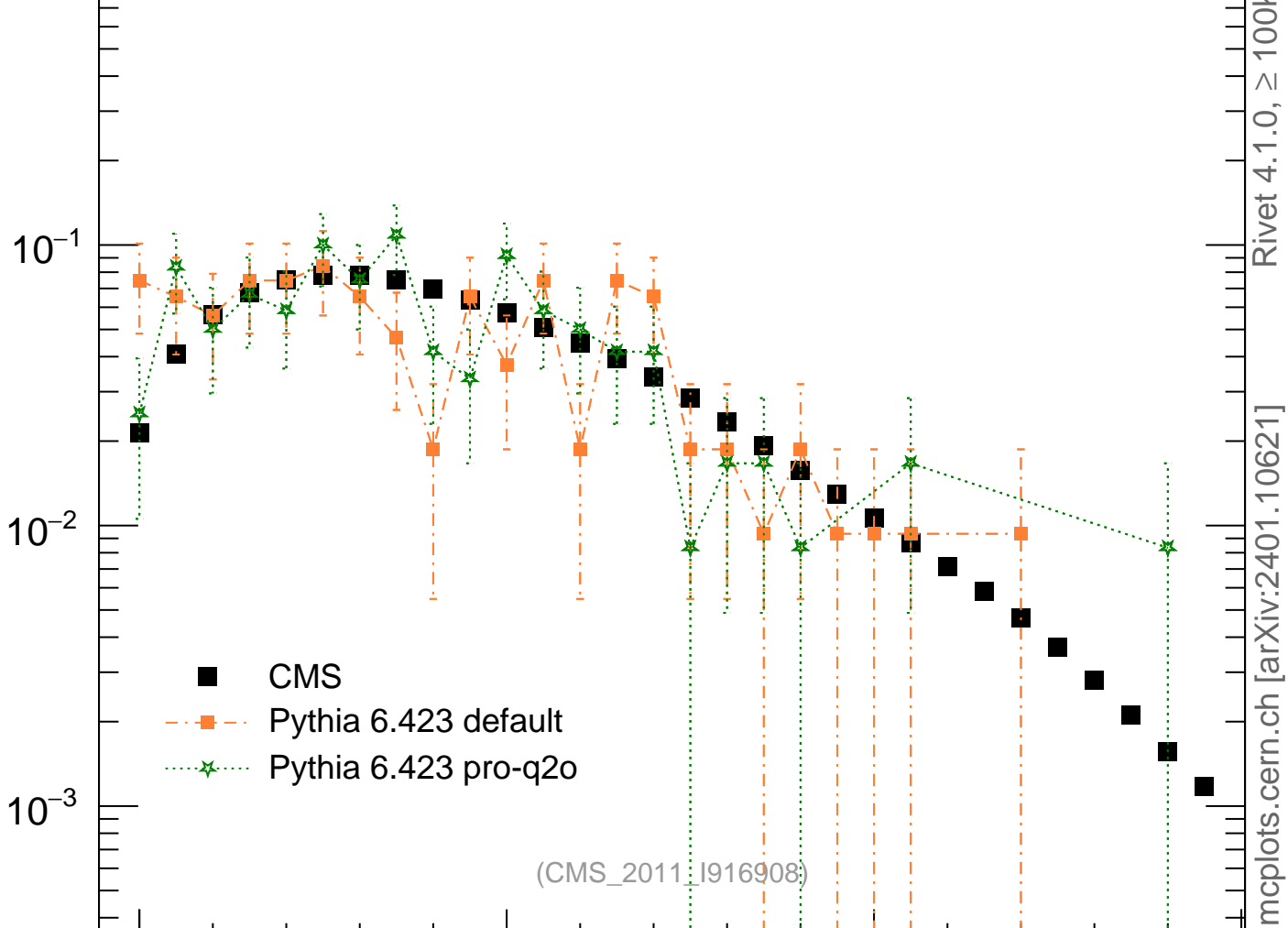


7000 GeV pp

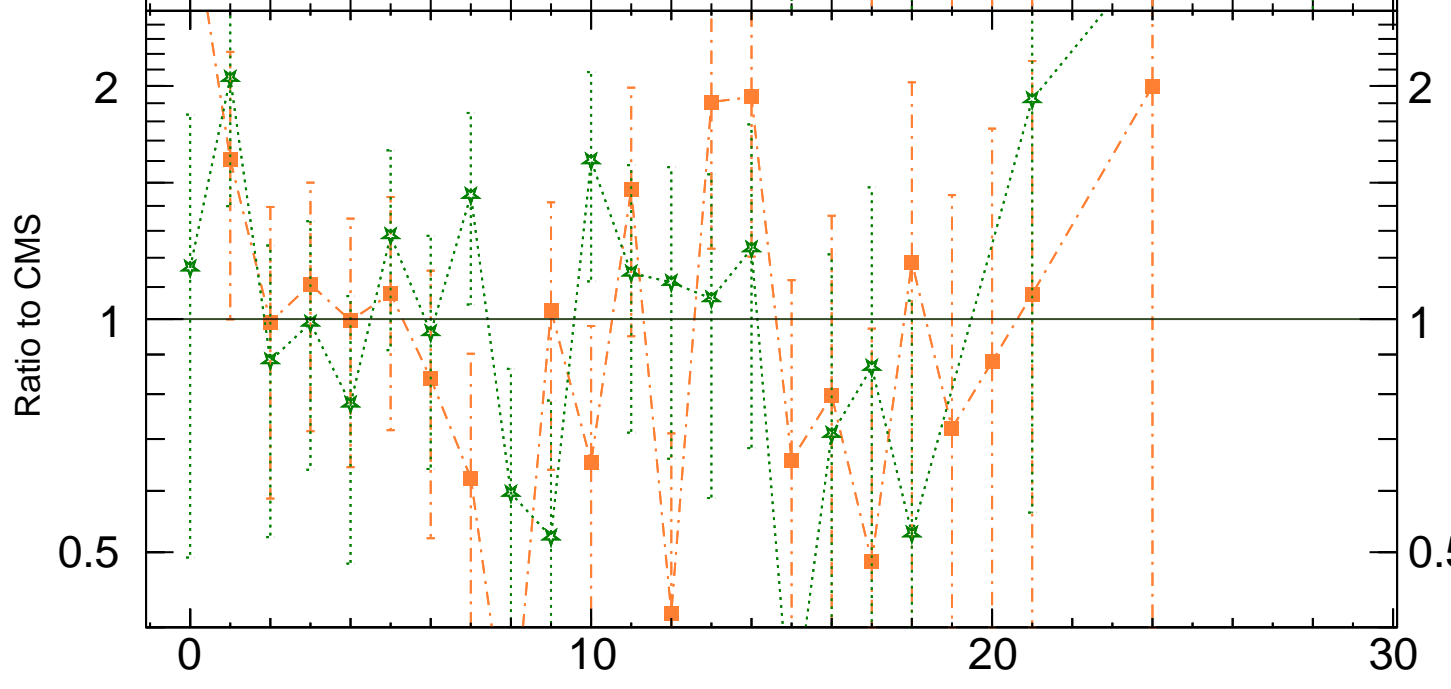
Underlying Event

Transverse charged multiplicity,  $p_T^{\text{jet } 1} > \{20 \text{ GeV}\}$ ,  $\sqrt{s} = \{7000 \text{ GeV}\}$



■ CMS  
-■- Pythia 6.423 default  
-★- Pythia 6.423 pro-q20

(CMS\_2011\_1916908)



Ratio to CMS

Rivet 4.1.0,  $\geq 100k$  events  
mcplots.cern.ch [arXiv:2401.10621]