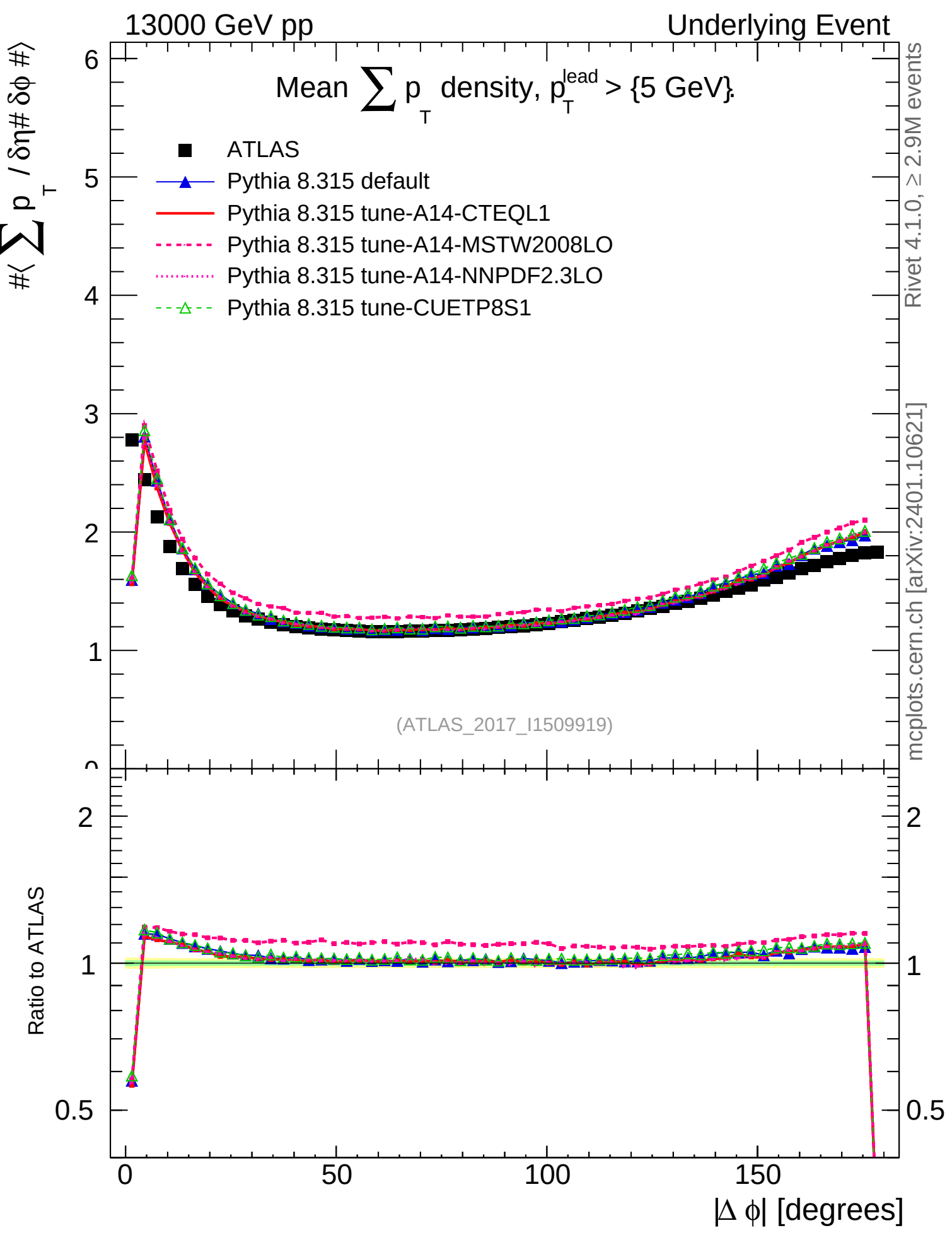
13000 GeV pp
Underlying Event
Mean $\sum p_T$ density, p_T^{lead} > {5 GeV}
ATLAS
Pythia 8.315 default
Pythia 8.315 tune-A14-CTEQL1
Pythia 8.315 tune-A14-MSTW2008LO
Pythia 8.315 tune-A14-NNPDF2.3LO
Pythia 8.315 tune-CUETP8S1
(ATLAS_2017_I1509919)
$\#\langle\sum p_T / \delta\eta\#\ \delta\phi\ \#\rangle$
Ratio to ATLAS
|Δ ϕ| [degrees]
Rivet 4.1.0, ≥ 2.9M events
mcplots.cern.ch [arXiv:2401.10621]