

13000 GeV pp

Underlying Event

 $\langle N_{\text{ch}} \rangle$ vs $p_{\text{T}}^{\text{lead}}$ ($|\eta| < 2.5$, $p_{\text{T}} > 0.5$ GeV, $p_{\text{T}1} > 1$ GeV)

■ ATLAS
-◇- Sherpa 2.2.0 default

1.2
1
0.8
0.6
0.4
0.2
0

(ATLAS_2017_I1509919)

Rivet 4.1.0, 300k events
mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2
1
0.5

2
1
0.5

0 10 20 30

0 10 20 30