

$\langle N_{ch} \rangle$ vs ϕ^{lead} ($|\eta| < 2.5$, $p_T > 0.5$ GeV, $p_{T1} > 10$ GeV)

- ATLAS
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 tune-1
- Pythia 8.308 tune-2c
- Pythia 8.308 tune-2m

5

4

3

2

1

0

ATLAS_2017_I1509919

Rivet 3.1.10, ≥ 2.7 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

50

100

150

 $|\Delta\phi|$ [degrees] $\langle N_{ch} / \Delta\eta \Delta\phi \rangle$ 