

7000 GeV pp

Underlying Event

Sum(p_T) Density (AWAY) ($|\eta| < 2.5$, $p_T > 0.5$ GeV)

- ATLAS
- +— Epos 1.99.crmc.1.6.0 lhc
- - □ Herwig 7.0.3 default
- - △ Pythia 6.428 370

Rivet 3.1.0, ≥ 7.6 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]6
5
4
3
2
1
0

Ratio to ATLAS

2
1
0.52
1
0.50 5 10 15 20
 p_T (leading track) [GeV]