

7000 GeV pp

Underlying Event

 $\Sigma(E_T)$ vs $\eta^{\text{lead}} (|\eta| < 4.8, p^{\text{ch(neutral)}} > 0.5(0.2) \text{ GeV}, E_T^{j1j2} > 20 \text{ GeV}, |\eta^{j1j2}| < 2.5)$

- ATLAS
- △— Pythia 6.428 370
- ⋯△⋯ Pythia 6.428 373
- Pythia 6.428 374
- ⋯○⋯ Pythia 6.428 375
- △- Pythia 6.428 381
- ▽- Pythia 6.428 382

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2012_I1183818)

Ratio to ATLAS

0.5

2

0

1

2

3

4

0.5

1

2