

$\sum E_T$  for the minimum bias selection,  $0.0 < \eta < 0.8$

1  
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$

Rivet 4.1.0,  $\geq 100k$  events  
mcplots.cern.ch [arXiv:2401.10621]

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.315 default

(ATLAS\_2012\_I1183818)

Ratio to ATLAS

2  
1  
0.5

2  
1  
0.5

0 20 40 60

