

$\sum E_T$  for the dijet selection,  $3.2 < \eta < 4.0$ 

1

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

- ATLAS
- ⊕ Epos 1.99.crmc.1.6.0 lhc
- Herwig 7.2.1 default
- △ Pythia 6.428 370
- ▲ Pythia 8.135 default
- ◆ Sherpa 2.2.9 default

(ATLAS\_2012\_I1183818)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

0

5

10

15

20

2

1

0.5