

$\Sigma(p_T) \text{ vs } \Delta\phi \text{ (} |\eta| < 2.5, p_T > 0.5 \text{ GeV, } p_{T1} > 5 \text{ GeV)}$

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.308 default
- - ◆ Sherpa 2.1.1 default

6

5

4

3

2

1

0

2

1

0.5

0

50

100

150

 $|\Delta\phi|$ [degrees]Rivet 3.1.10, $\geq 200k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2017_I1509919

 $\langle \text{sum } p_T / \Delta\eta \text{ delta}\phi \rangle$

Ratio to ATLAS