

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

- ATLAS
- - □ - - Herwig 7.2.1 default
- - ▲ - - Pythia 8.308 default
- - ◆ - - Sherpa 2.2.2 default

5

4

3

2

1

0

0

2

1

0.5

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

5

4

3

2

1

0

0

2

1

0.5

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

0

0

0

0

0

0

0

ATLAS_2010_S8894728

Ratio to ATLAS

left| ϕ right| (w.r.t. leading track) [rad] $\langle d^2 p_T / d\eta d\phi \rangle$