

Jets

Rivet 3.1.10, $\geq 2.5\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

pTD2

 $\mathbf{d}^N$

→

Ratio to CMS

$$\frac{1}{\mathbf{N}} \frac{\mathbf{d} \mathbf{N}}{\mathbf{d} t} = \mathbf{p}_x \frac{\mathbf{d} \mathbf{p}_x}{\mathbf{d} t} + \mathbf{p}_y \frac{\mathbf{d} \mathbf{p}_y}{\mathbf{d} t} + \mathbf{p}_z \frac{\mathbf{d} \mathbf{p}_z}{\mathbf{d} t} + \mathbf{p}_\theta \frac{\mathbf{d} \mathbf{p}_\theta}{\mathbf{d} t} + \mathbf{p}_\phi \frac{\mathbf{d} \mathbf{p}_\phi}{\mathbf{d} t} + \mathbf{p}_\psi \frac{\mathbf{d} \mathbf{p}_\psi}{\mathbf{d} t}$$

CMS

Herwig 7.2.1 softTune

Pythia 6.428 370

CMS_2021_I1920187

0

0.5

1