

Sum( $p_T$ ) Density (TRNS) ( $|\eta_j| < 2.0$ ,  $|\eta| < 2.0$ ,  $p_T > 0.5$ )

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.0 default
- ▼- Herwig 7.2.0 softTune

Rivet 3.1.0,  $\geq 5.5$ M events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2015\_I1385107

 $\langle \text{sum}(p_T) \rangle / [\Delta\eta\Delta(\Delta\phi)]$  [GeV]

Ratio to CMS

 $p_T$  (leading track-jet) [GeV]