

Average  $p_T$  vs  $N_{ch}$  ( $p_T^{ch} > 0.25$ ,  $p_T^j > 0.25$ ,  $|\eta^j| < 1.9$ , in-jet charged particles)

- CMS
- Herwig 7.2.1 default
- △--- Pythia 6.428 370
- ▲--- Pythia 8.308 default
- ◇--- Sherpa 2.2.9 default

Rivet 3.1.10,  $\geq 3M$  events

mcplots.cern.ch [arXiv:1306.3436]

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