

13000 GeV pp

Z+Jet

 $p_T$  balance (jet, Z) (CMS Z+jets)

- CMS
- △ Pythia 6.428 370
- ▲ Pythia 8.315 default
- ◆ Sherpa 1.4.5 default

1

 $10^{-1}$  $10^{-2}$ 

(CMS\_2021\_I1866118)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

2

1

0.5

2

1

0.5

0

0.5

1