

13000 GeV pp

Z+Jet

Jet  $p_T$  ratio (CMS Z+c and Z+b)

- CMS
- ▲ Pythia 8.210 default
- ◆ Sherpa 1.4.5 default

0.35  
0.3  
0.25  
0.2  
0.15  
0.1  
0.05Rivet 4.1.0, ≥ 100k events  
mcplots.cern.ch [arXiv:1306.3436]

(CMS\_2020\_I1776758)

Ratio to CMS

2  
1  
0.52  
1  
0.5