

13000 GeV pp

Z+Jet

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

■ CMS

—□— Pythia 6.426 default

—▲— Pythia 8.308 default

 $R(c/j)$ 

0.35

0.3

0.25

0.2

0.15

0.1

0.05

0

CMS\_2020\_I1776758

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to CMS

1

0.5

2

2

0.5

0

50

100

150

200

 $p_T(Z)$  [GeV]