

13000 GeV pp

Jets

LHA  $\lambda_{0.5}^1$  (CMS jet substructure)Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

 $10^2$   
 $10$   
 $1$   
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$ 

- CMS
- ▲ Pythia 8.230 default
- ▲ Pythia 8.230 default-noFsr
- ▲ Pythia 8.230 default-noRap

(CMS\_2021\_I1920187)

Ratio to CMS

2  
1  
0.52  
1  
0.5

0

0.5

1