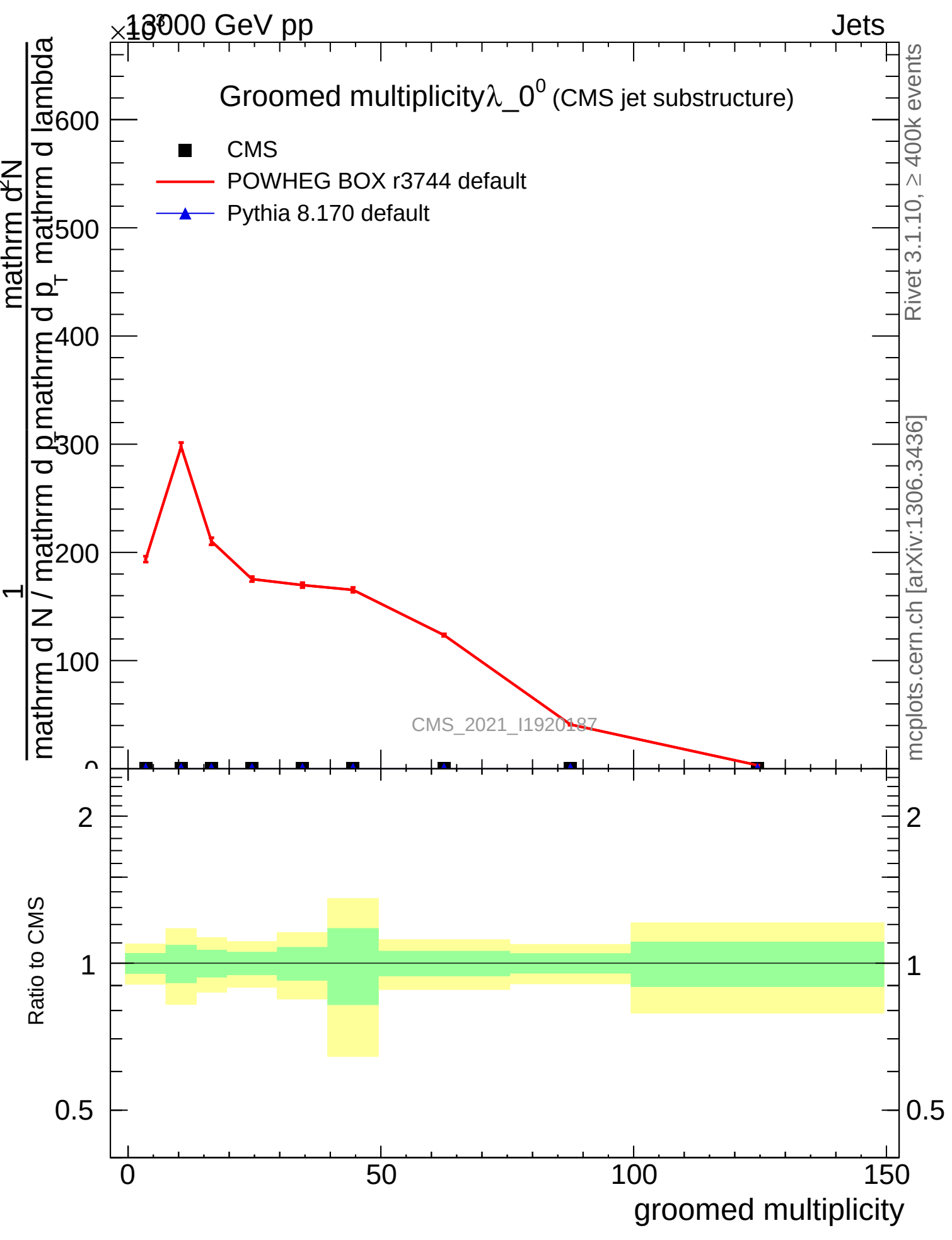
13000 GeV pp
Jets
Groomed multiplicityλ_0^0 (CMS jet substructure)
CMS
POWHEG BOX r3744 default
Pythia 8.170 default
CMS_2021_I1920187
Rivet 3.1.10, ≥ 400k events
mcplots.cern.ch [arXiv:1306.3436]
$\frac{1}{\mathrm{d}N / \mathrm{d}p_T \, \mathrm{d}\lambda} \frac{\mathrm{d}^2 N}{\mathrm{d}p_T \, \mathrm{d}\lambda}$
$\times 10^3$
600
500
400
300
200
100
0
Ratio to CMS
2
1
0.5
0
50
100
150
groomed multiplicity