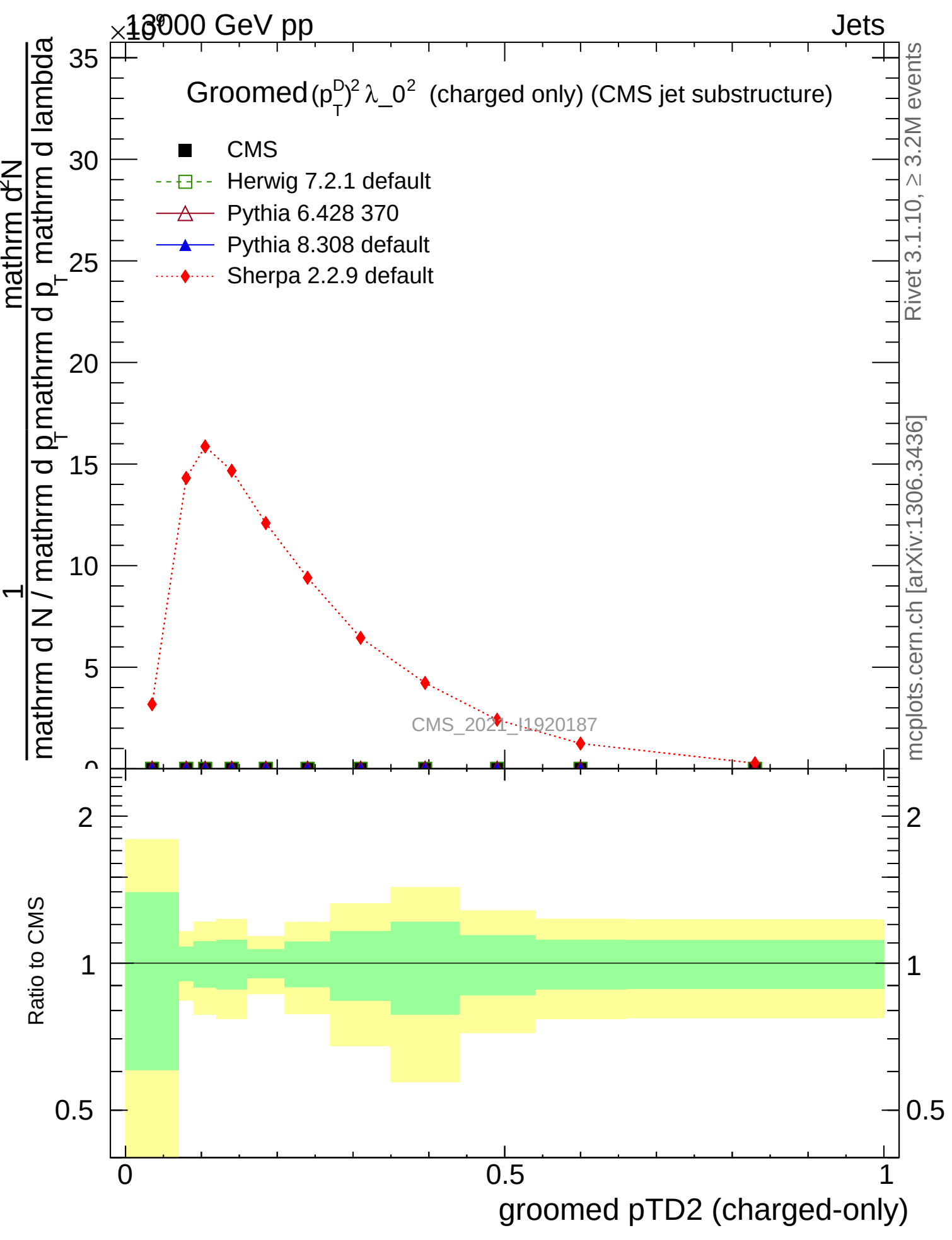
13000 GeV pp
Jets
Groomed $(p_T^D)^2 \lambda_0^2$ (charged only) (CMS jet substructure)
CMS
Herwig 7.2.1 default
Pythia 6.428 370
Pythia 8.308 default
Sherpa 2.2.9 default
CMS_2021_I1920187
Rivet 3.1.10, ≥ 3.2M events
mcplots.cern.ch [arXiv:1306.3436]
$\times 10^{-3}$
$\frac{1}{\mathrm{d}N / \mathrm{d}p_T \, \mathrm{d}\lambda} \frac{\mathrm{d}^2 N}{\mathrm{d}p_T \, \mathrm{d}\lambda}$
Ratio to CMS
groomed pTD2 (charged-only)