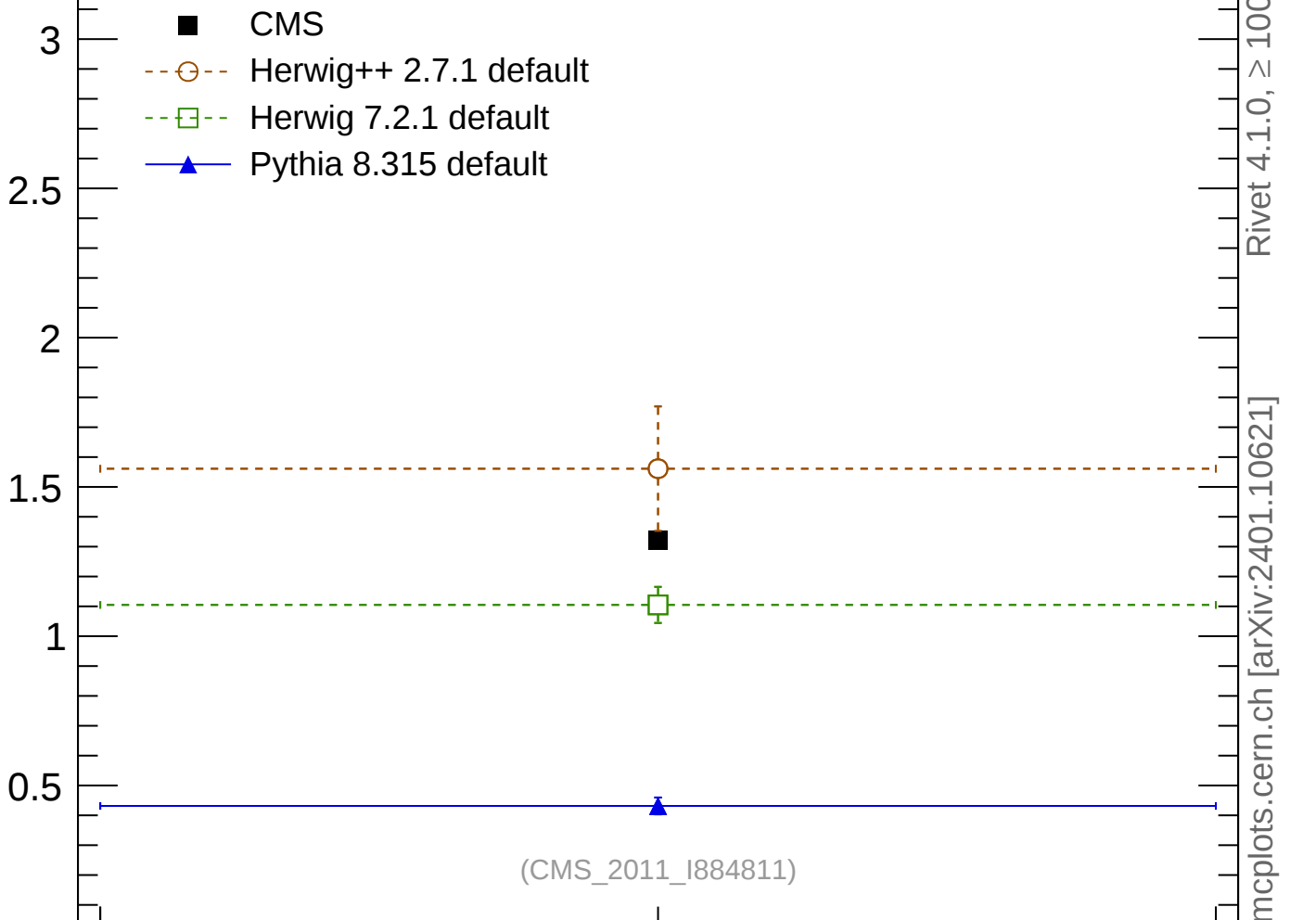


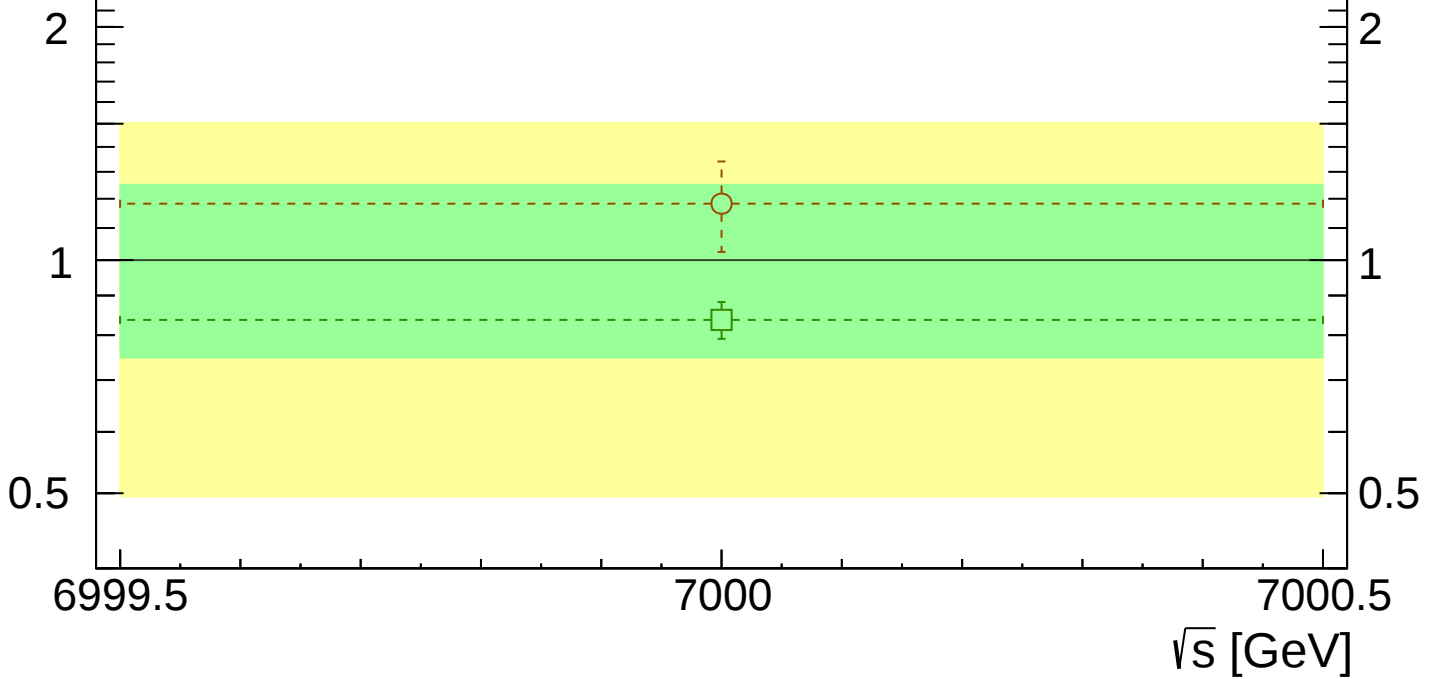
7000 GeV pp

 $b\bar{b}$ $\sigma(pp \rightarrow b + X \rightarrow \mu + X') [\mu\text{b}]$ Inclusive b-hadron production with muons, $p_{\text{mu}} > 6 \text{ GeV}, |\eta^{\text{mu}}| < 2.1$

- CMS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default



Ratio to CMS

Rivet 4.1.0, $\geq 100\text{k events}$
mcplots.cern.ch [arXiv:2401.10621]