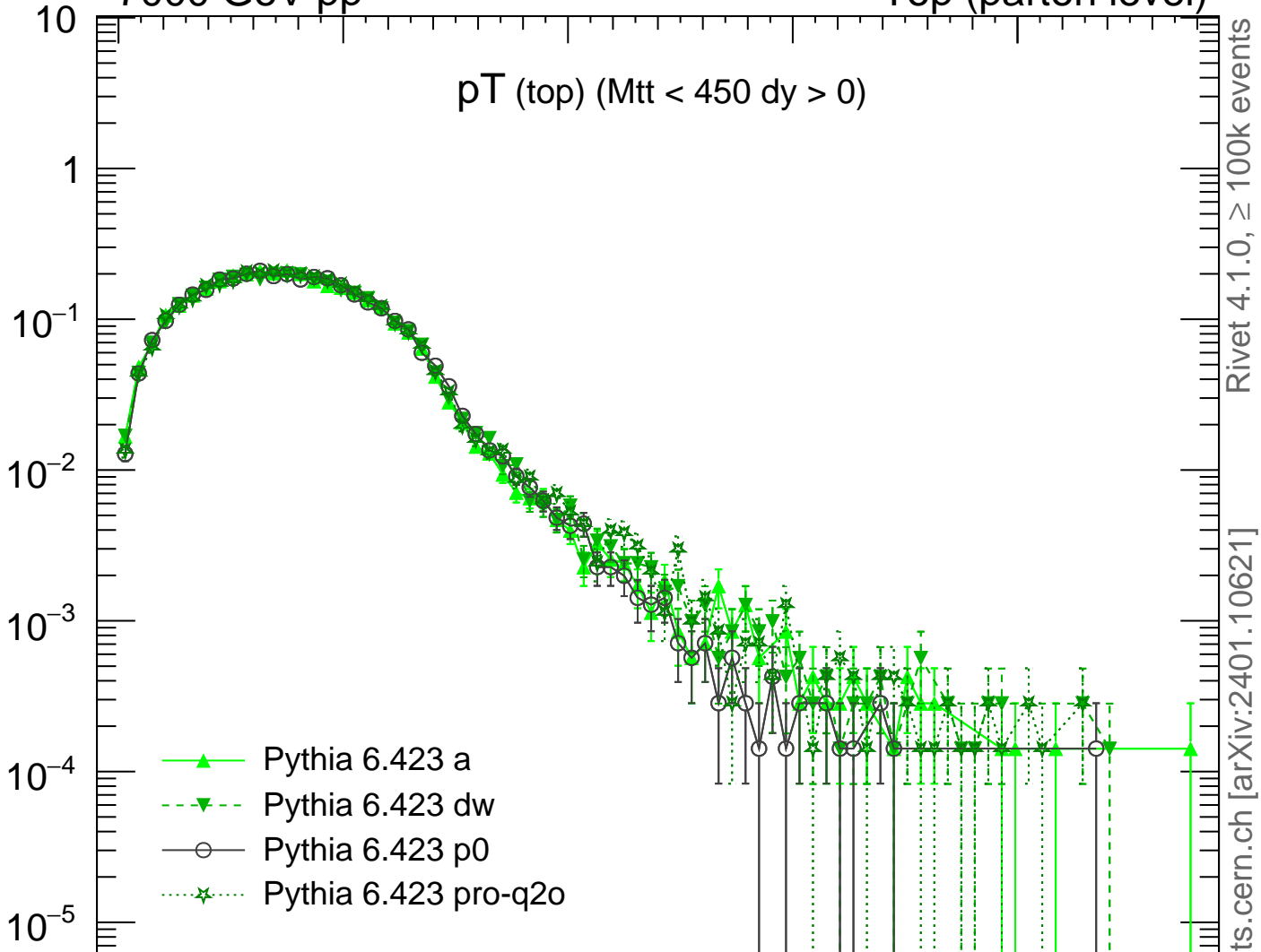


7000 GeV pp

Top (parton level)

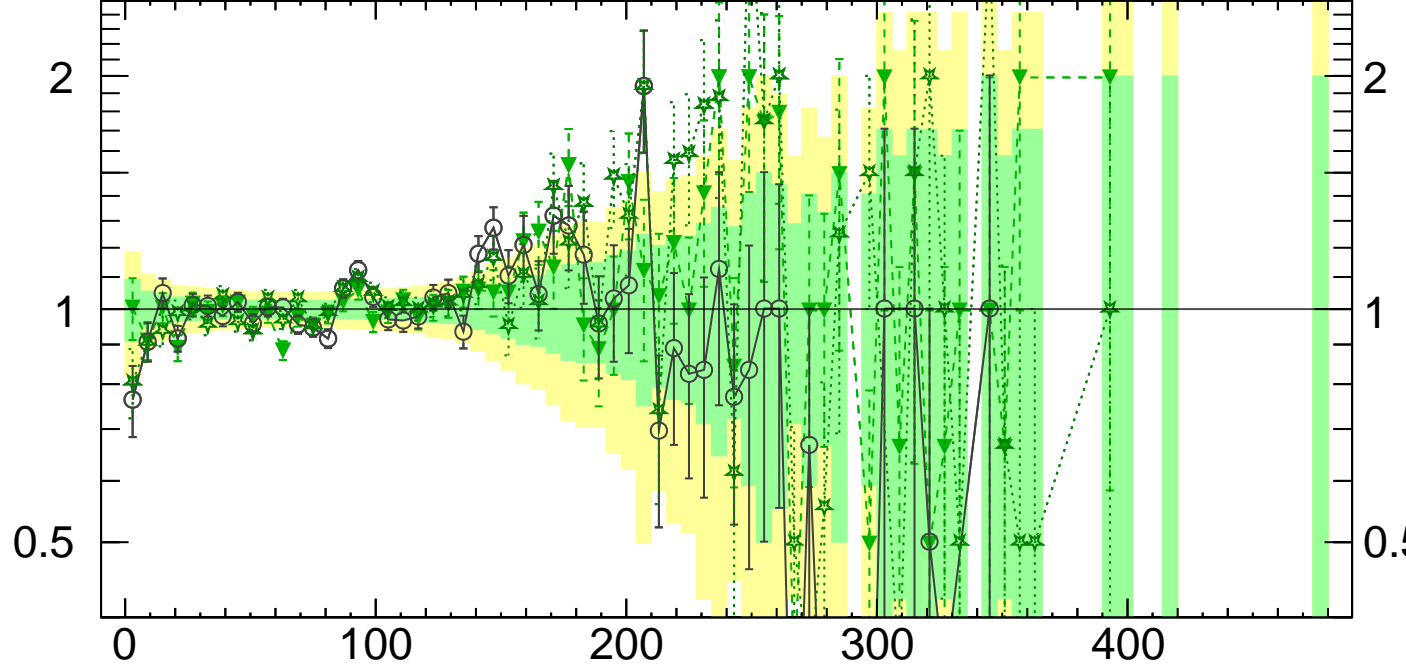
$p_T$  (top) ( $M_{tt} < 450$   $d_y > 0$ )



- ▲ Pythia 6.423 a
- ▼ Pythia 6.423 dw
- Pythia 6.423 p0
- ★ Pythia 6.423 pro-q2o

(MC\_FBA\_TTBAR)

Ratio to Pythia 6.423 a



Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]