

7000 GeV pp

Soft QCD

 $(p_T > 0.2 \text{ GeV})$ Rivet 4.1.0,  $\geq 100k$  events

$10^3$   
 $10^2$   
 $10$   
 $1$   
 $10^{-1}$   
 $10^{-2}$   
 $10^{-3}$   
 $10^{-4}$   
 $10^{-5}$

- △— Pythia 6.428 370
- -○- - Pythia 6.428 atlas-csc
- - \* - - Pythia 6.428 d6t
- - □ - - Pythia 6.428 default
- - ▼ - - Pythia 6.428 dw
- Pythia 6.428 p0

(MC\_GAPS)

mcplots.cern.ch [arXiv:2401.10621]

Ratio to Pythia 6.428 370

$2$   
 $1$   
 $0.5$

$2$   
 $1$   
 $0.5$

0 5 10 15 20

