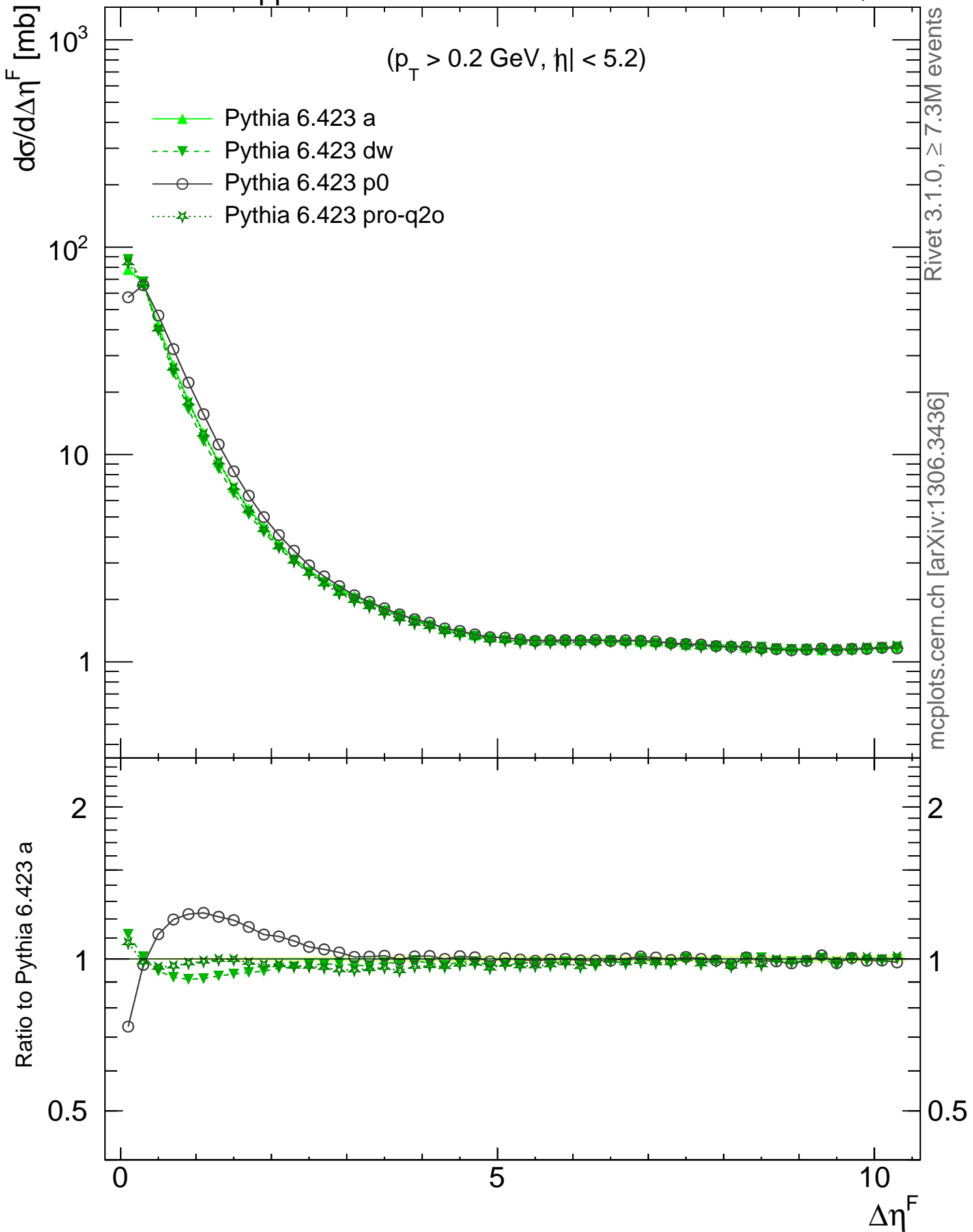


7000 GeV pp

Soft QCD

 $(p_T > 0.2 \text{ GeV}, |\eta| < 5.2)$ 

- ▲ Pythia 6.423 a
- - ▼ Pythia 6.423 dw
- Pythia 6.423 p0
- ... \* Pythia 6.423 pro-q2o

Rivet 3.1.0,  $\geq 7.3\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

5

 $\Delta\eta^F$ 

Ratio to Pythia 6.423 a

2

1

0.5

 $10^2$ 

10

1

 $10^3$  $d\sigma/d\Delta\eta^F$  [mb]