

200 GeV pp

Underlying Event

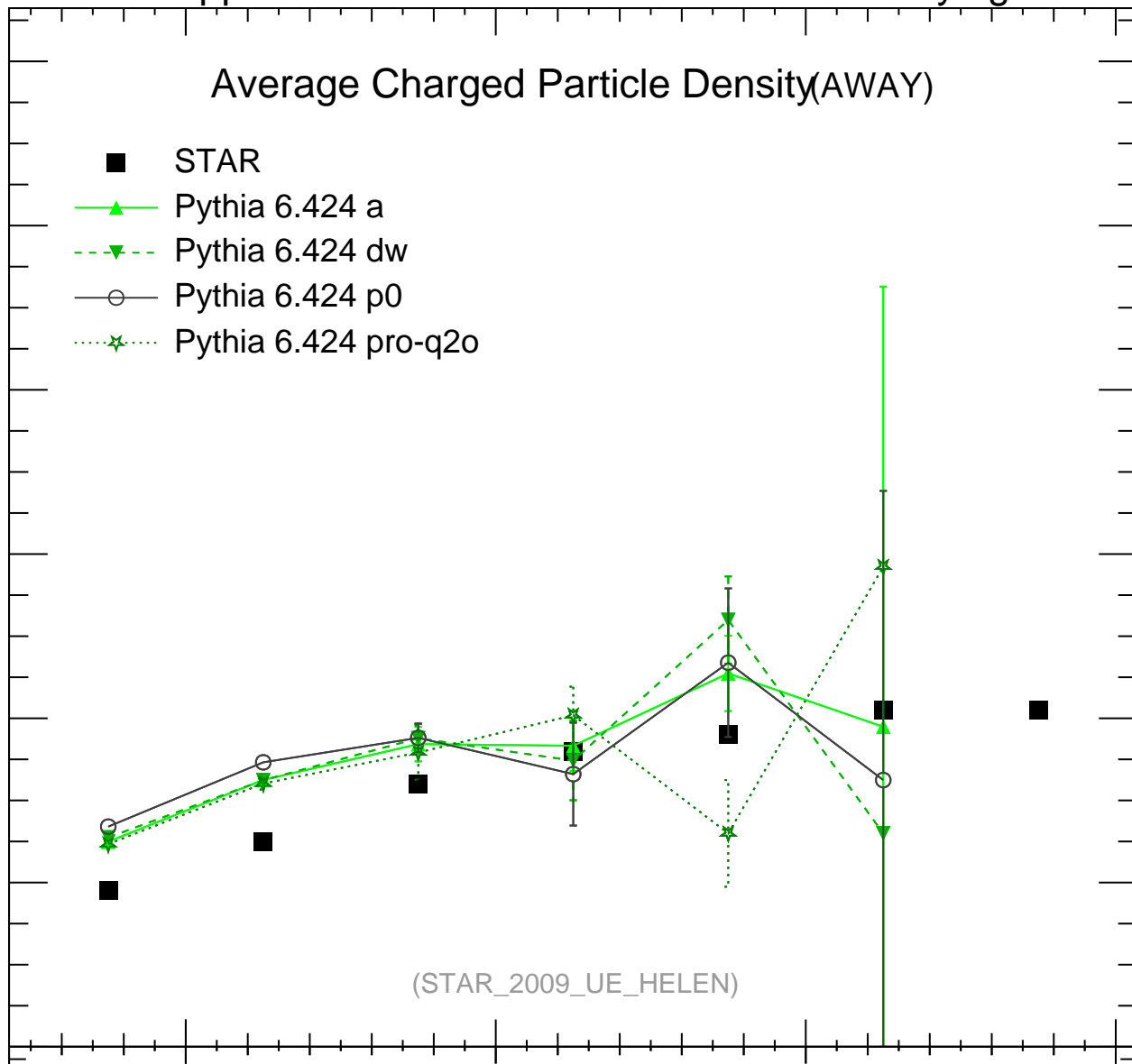
Average Charged Particle Density(AWAY)

- STAR
- ▲ Pythia 6.424 a
- ▼ Pythia 6.424 dw
- Pythia 6.424 p0
- ☆ Pythia 6.424 pro-q2o

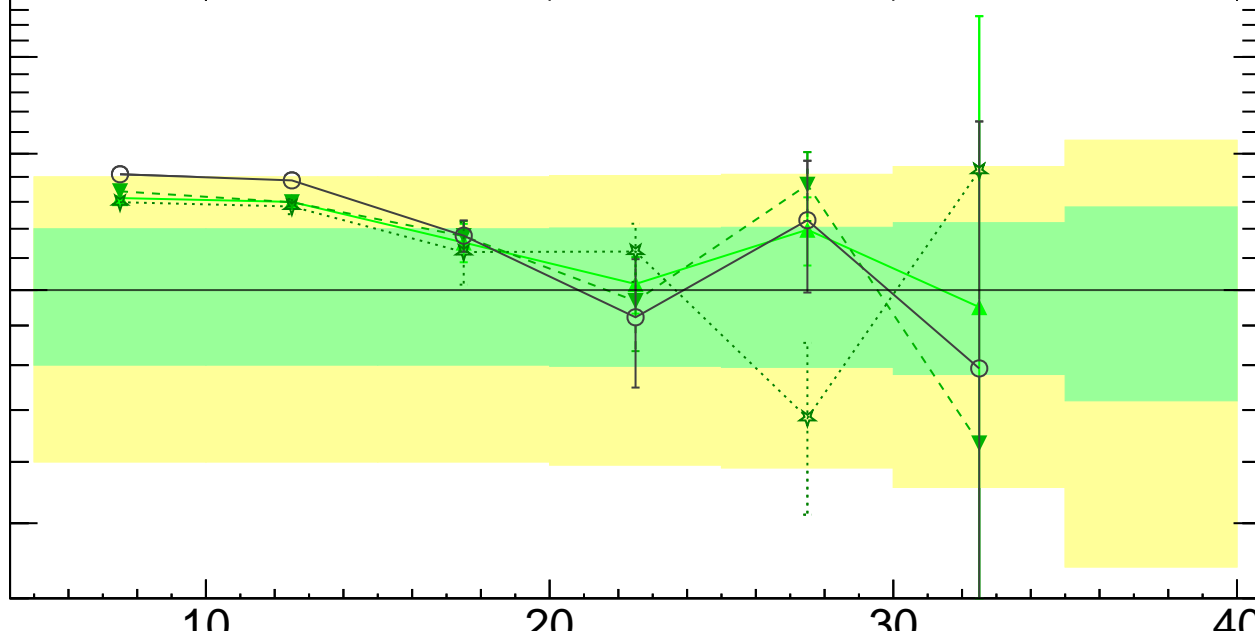
Rivet 3.1.0, $\geq 7.2M$ events

mcplots.cern.ch [arXiv:1306.3436]

(STAR_2009_UE_HELEN)

 $\langle N_{ch} \rangle / \text{jet area}$ 12
10
8
6
4
2
0

Ratio to STAR

2
1
0.52
1
0.5 p_T (leading jet) / GeV