

200 GeV pp

Underlying Event

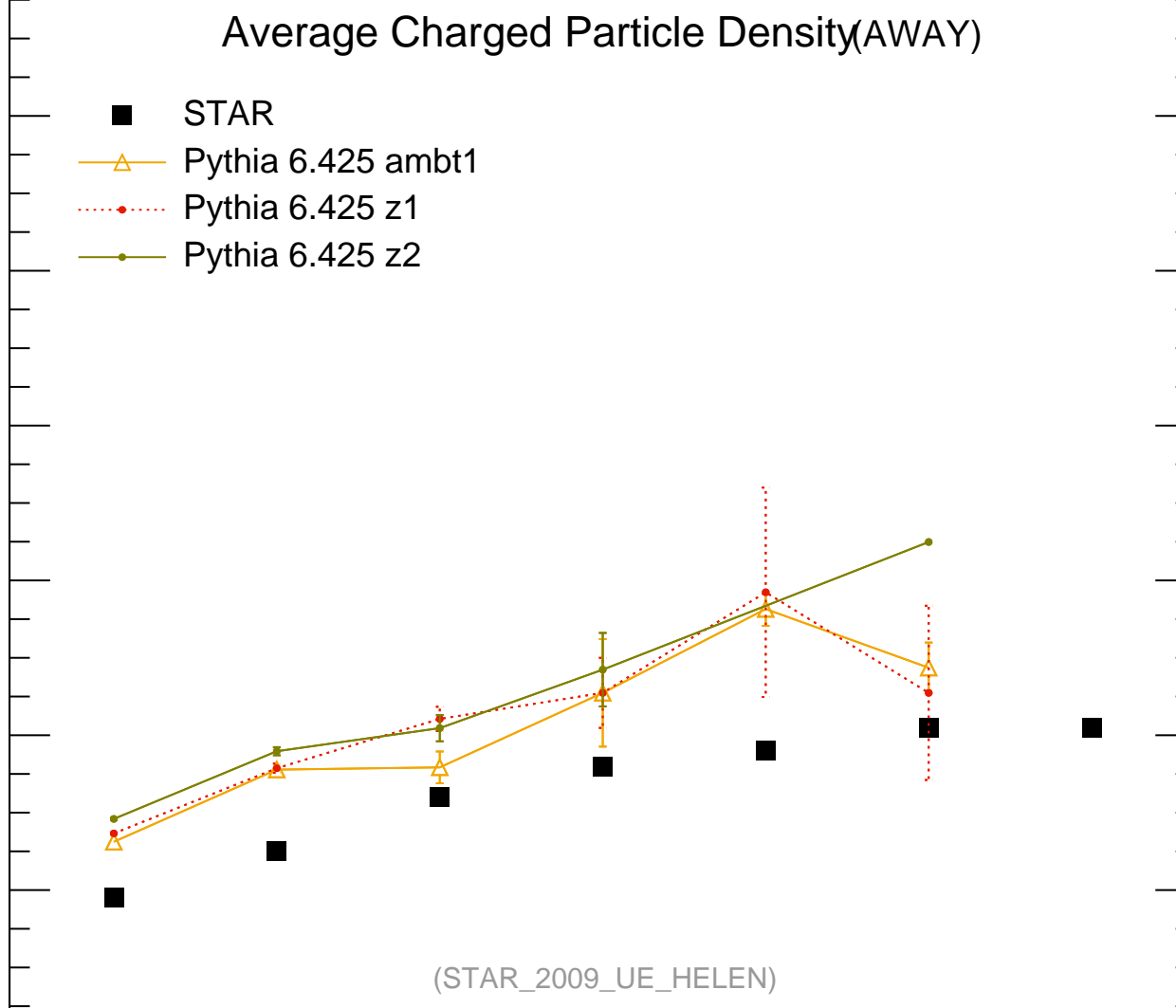
Average Charged Particle Density(AWAY)

- STAR
- △ Pythia 6.425 ambt1
- ⋯● Pythia 6.425 z1
- Pythia 6.425 z2

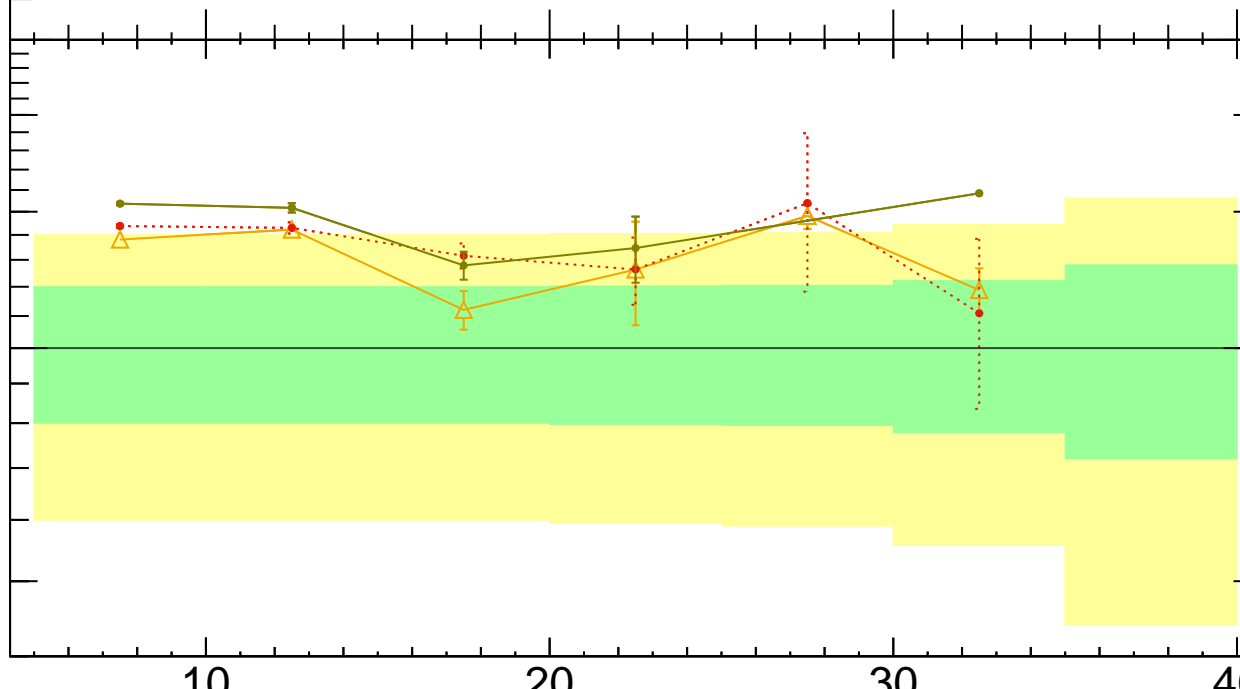
Rivet 3.1.0, ≥ 7.1M events

mcplots.cern.ch [arXiv:1306.3436]

(STAR_2009_UE_HELEN)

 $\langle N_{ch} \rangle / \text{jet area}$ 14
12
10
8
6
4
2
0

Ratio to STAR

2
1
0.52
1
0.5 $p_T(\text{leading jet}) / \text{GeV}$