

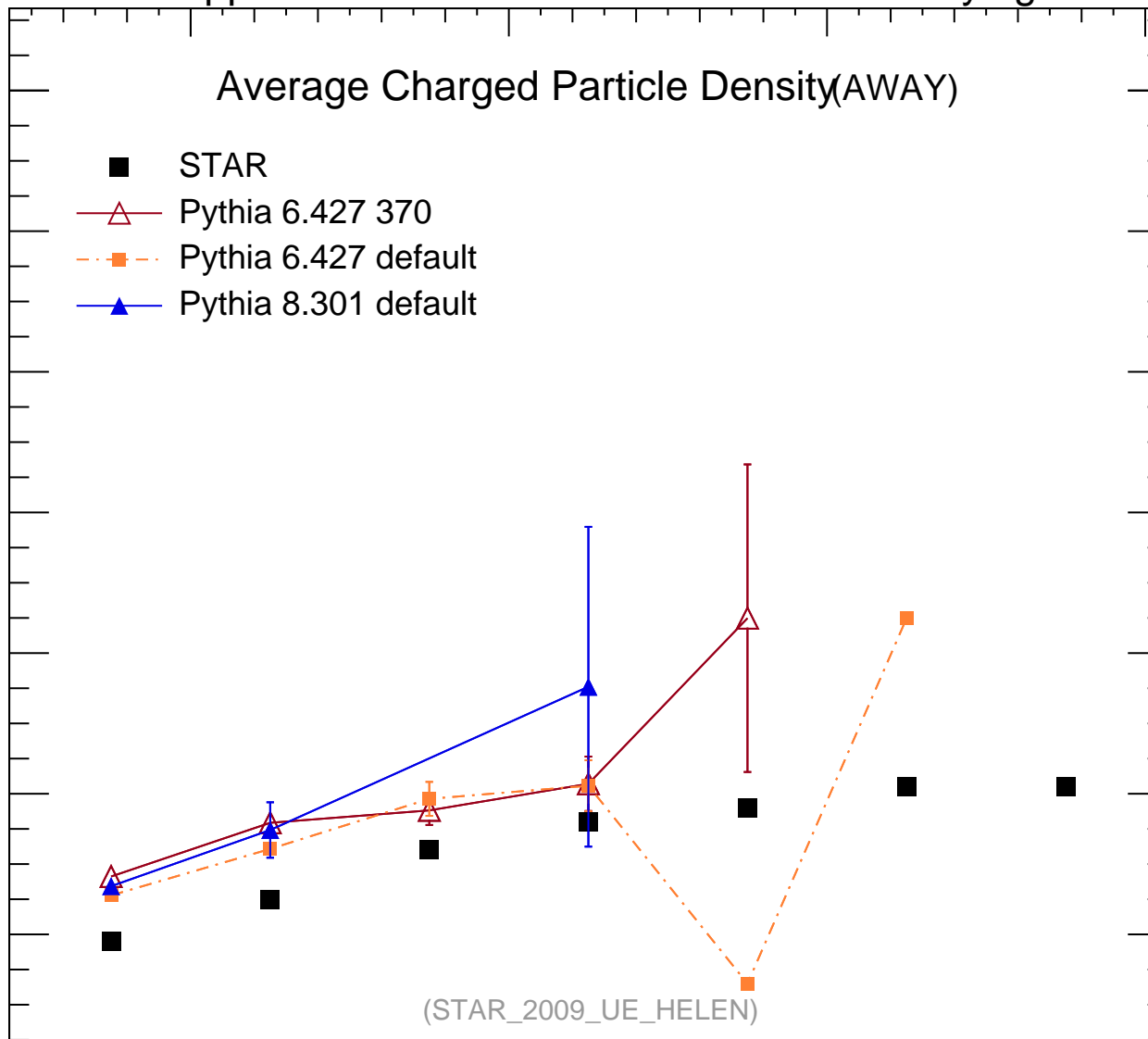
## Average Charged Particle Density(AWAY)

- STAR
- △ Pythia 6.427 370
- Pythia 6.427 default
- ▲ Pythia 8.301 default

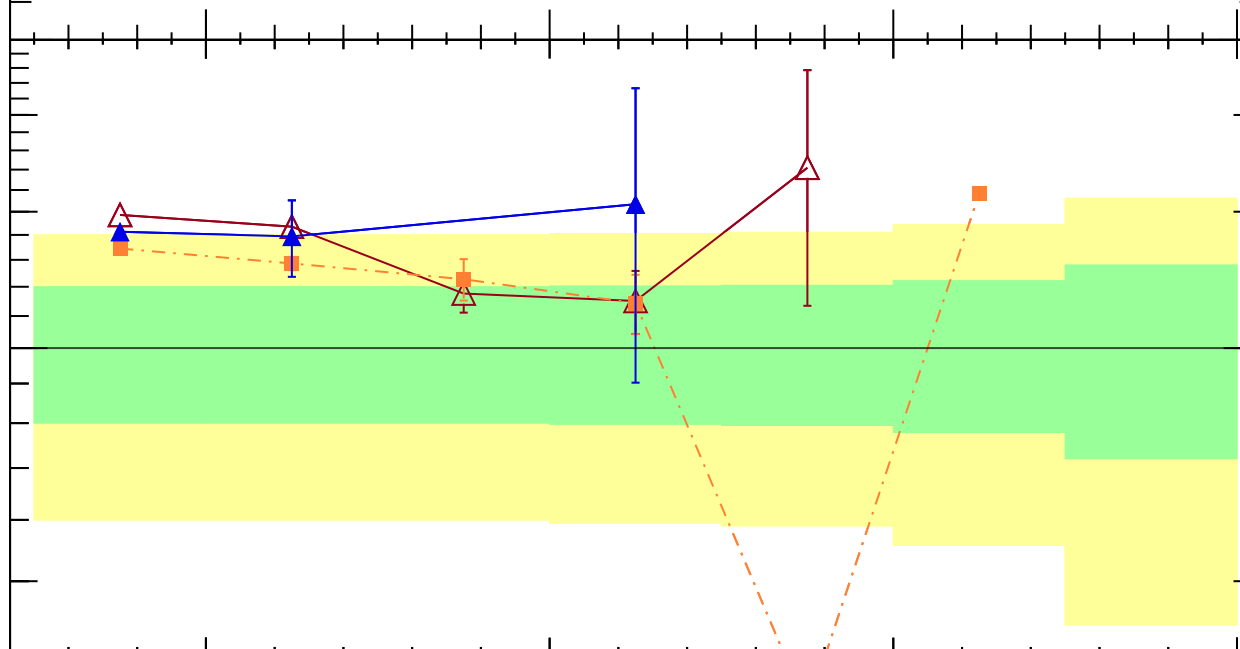
Rivet 3.1.0,  $\geq 7.3M$  events

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  
0.5

2

1

0.5

 $p_T$  (leading jet) / GeV