

# $H \rightarrow W W + 2 \text{ jets}$ Analysis



THE UNIVERSITY  
*of*  
WISCONSIN  
MADISON

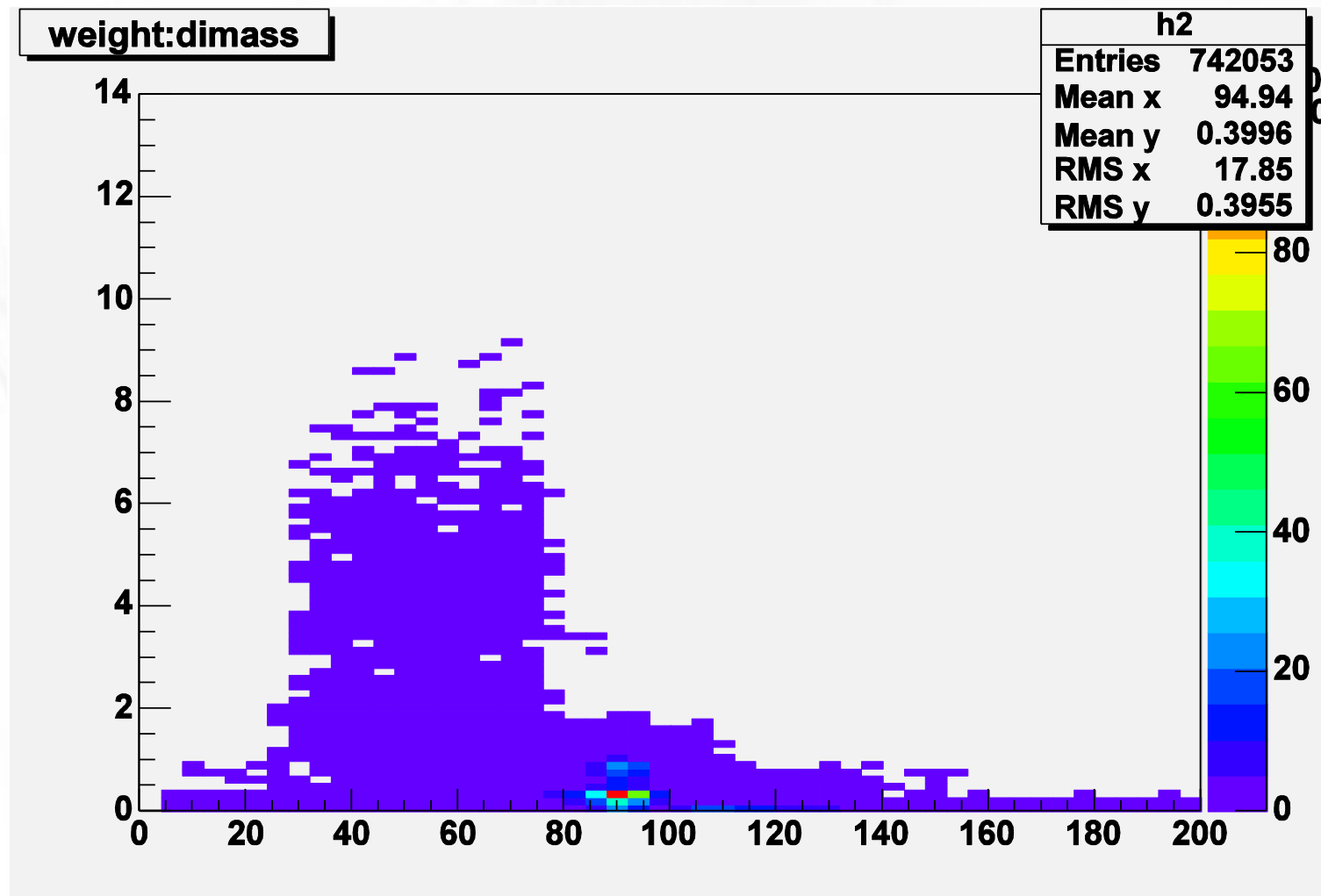


Will Parker

University of Wisconsin – Madison

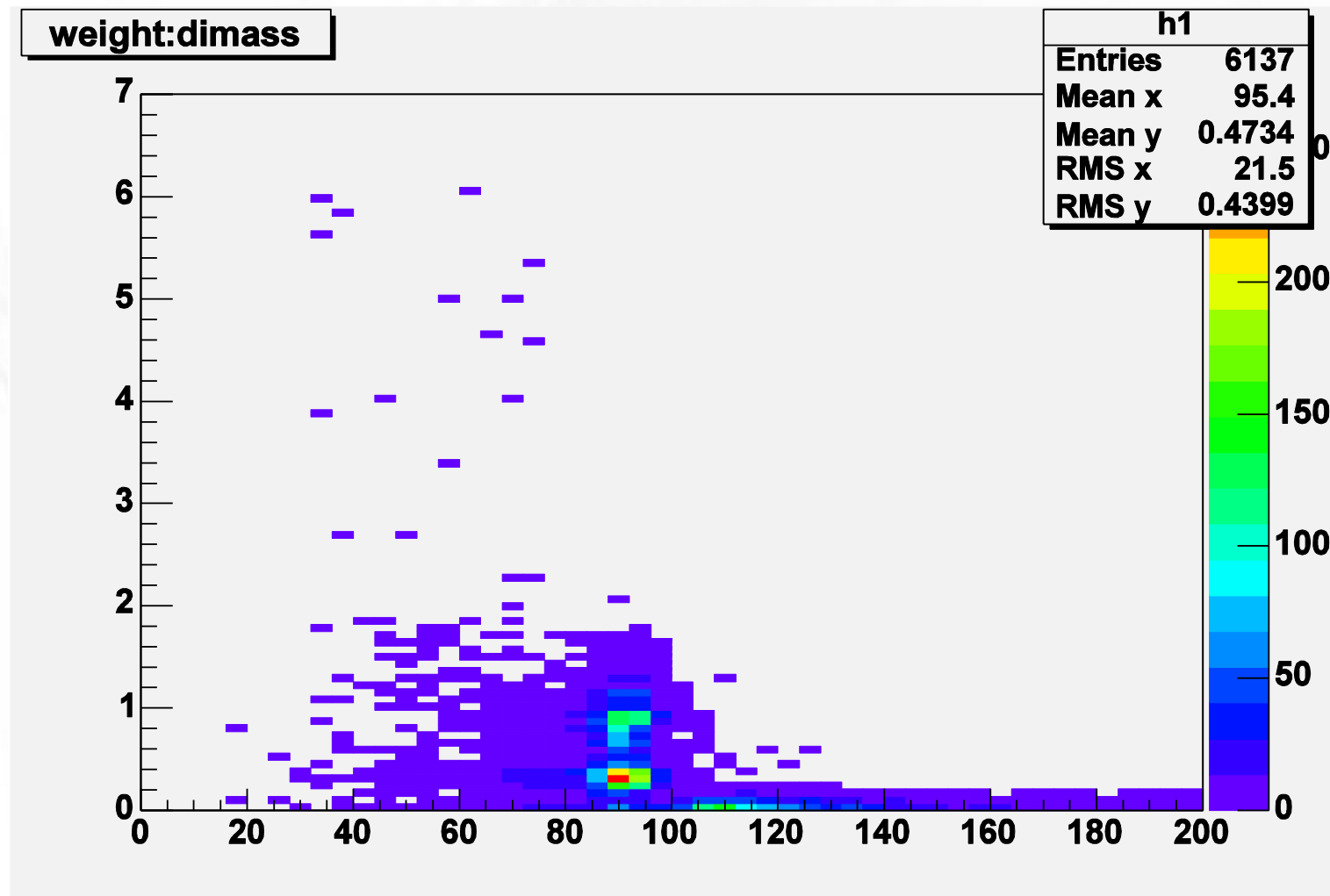
08/20/12

# 0 partons, 0 jets



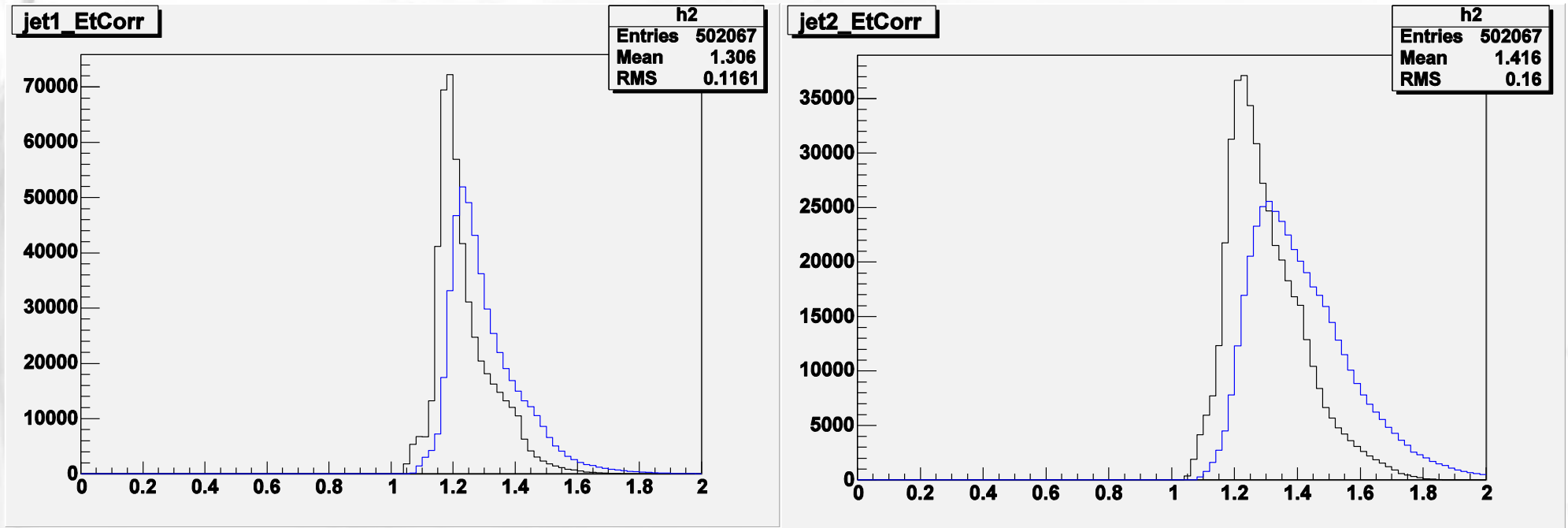
Large weights in the 0 parton, 0 jet, 20-75 Z mass region.

# 0 partons, 2 jets



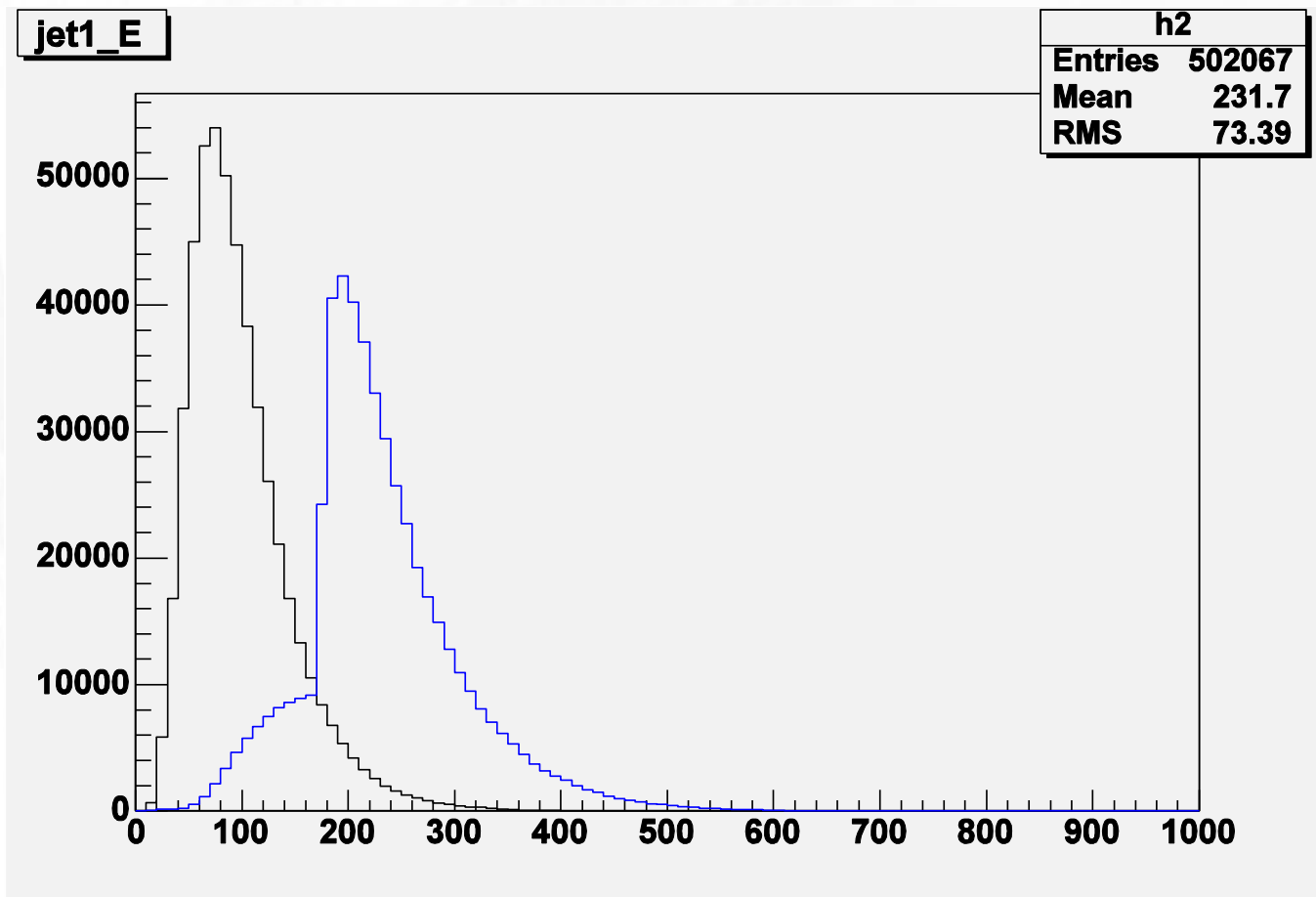
Same region, but requiring 2 jets. Our large weight events are not unusual for the 0 parton 20-75 Z mass region

# L7 EtCorr



Jet Et Corrections for some ttbar events  
Black: Level 5 correction  
Blue: Level 7 correction (includes level 5)  
Anything I can do to check these corrections?

# Jet/Parton 1 Energy



Black: Jet 1 Energy

Blue: Parton 1 Energy

This includes partons from the first 4 in the list (initial state partons?)

Currently making a file that excludes these partons