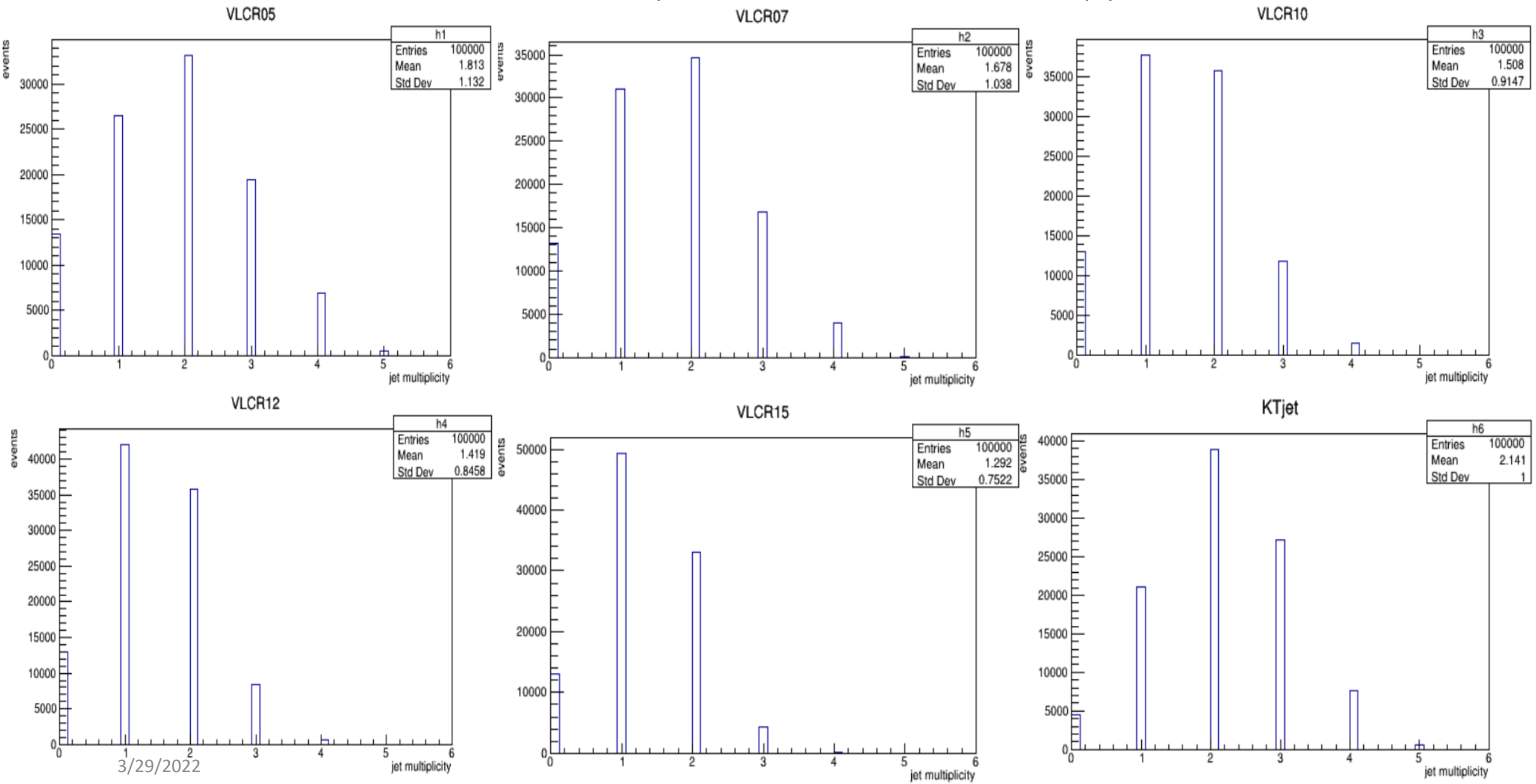


Inclusive and Exclusive Jet Clustering Comparisons

Mayuri Kawale

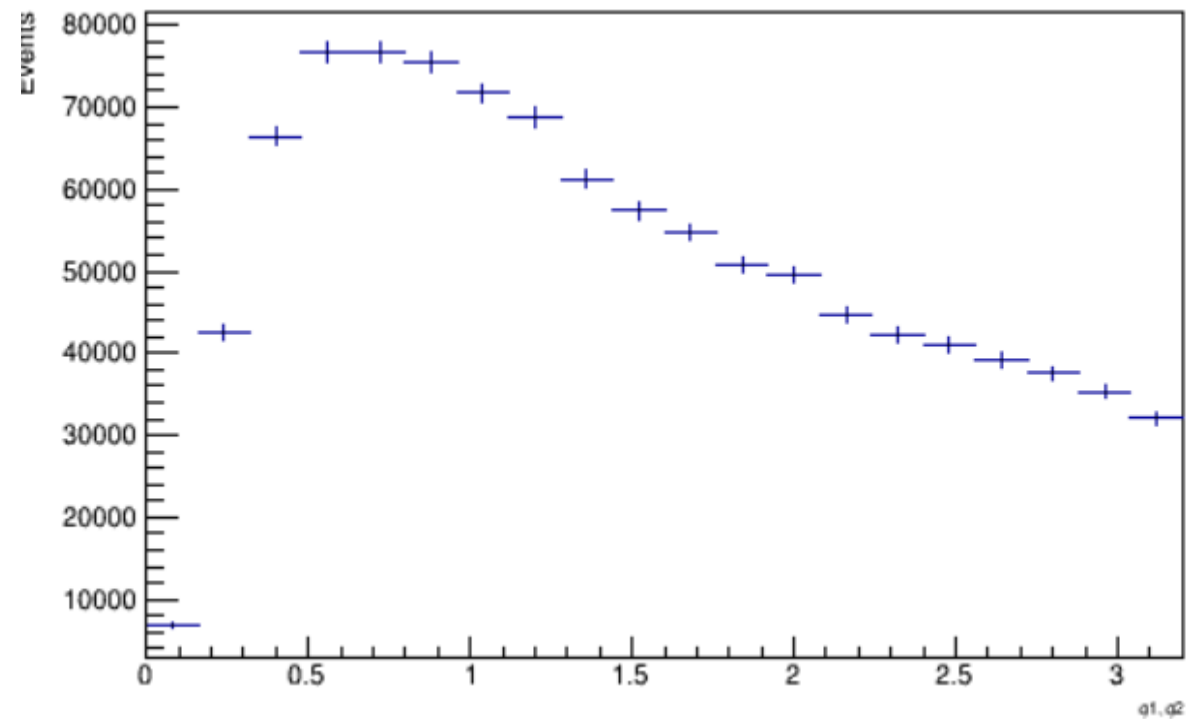
Inclusive Jet multiplicities (no selections applied)



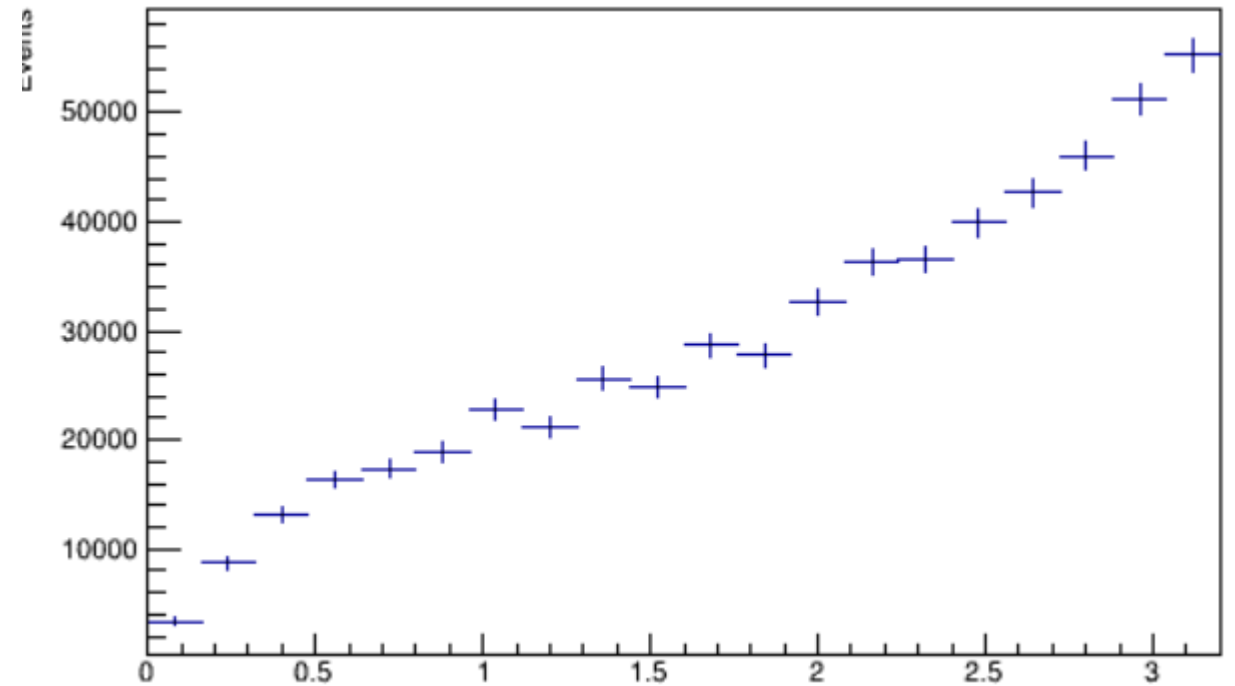
Truth-level plots

These plots are corresponding to the hadronic decays of W bosons.

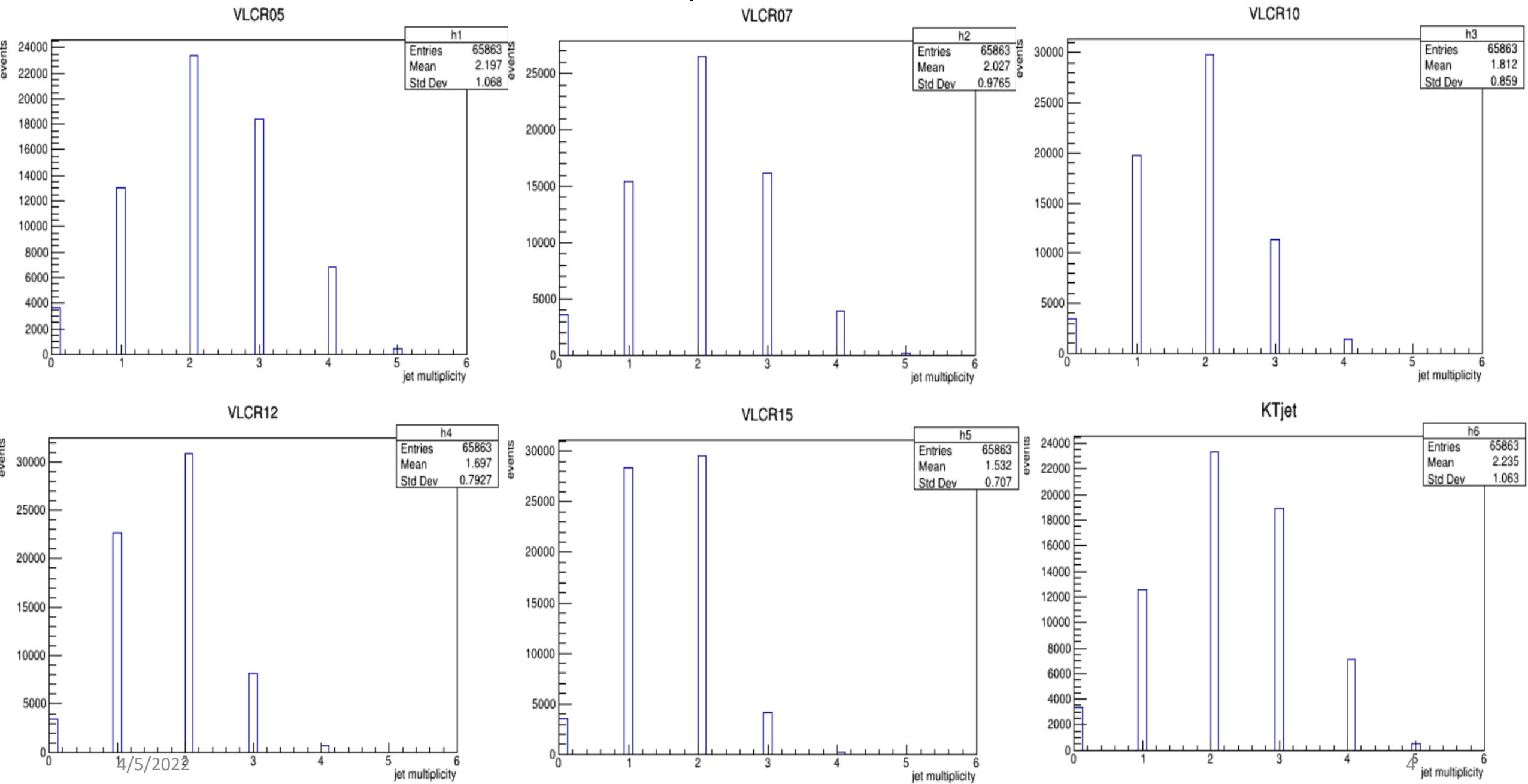
$dR(q1,q2)$ of a W boson



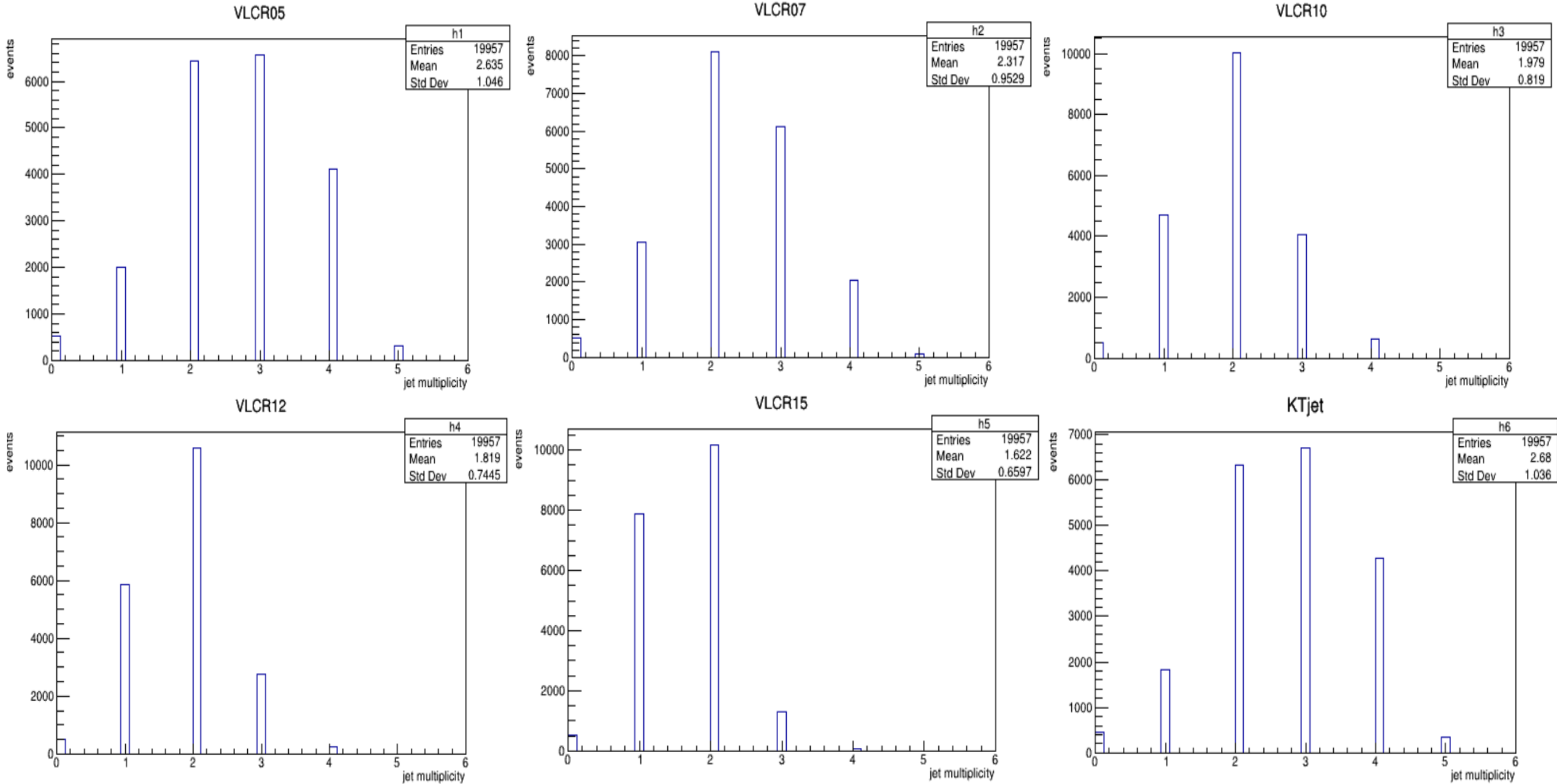
$dR(W,W)$



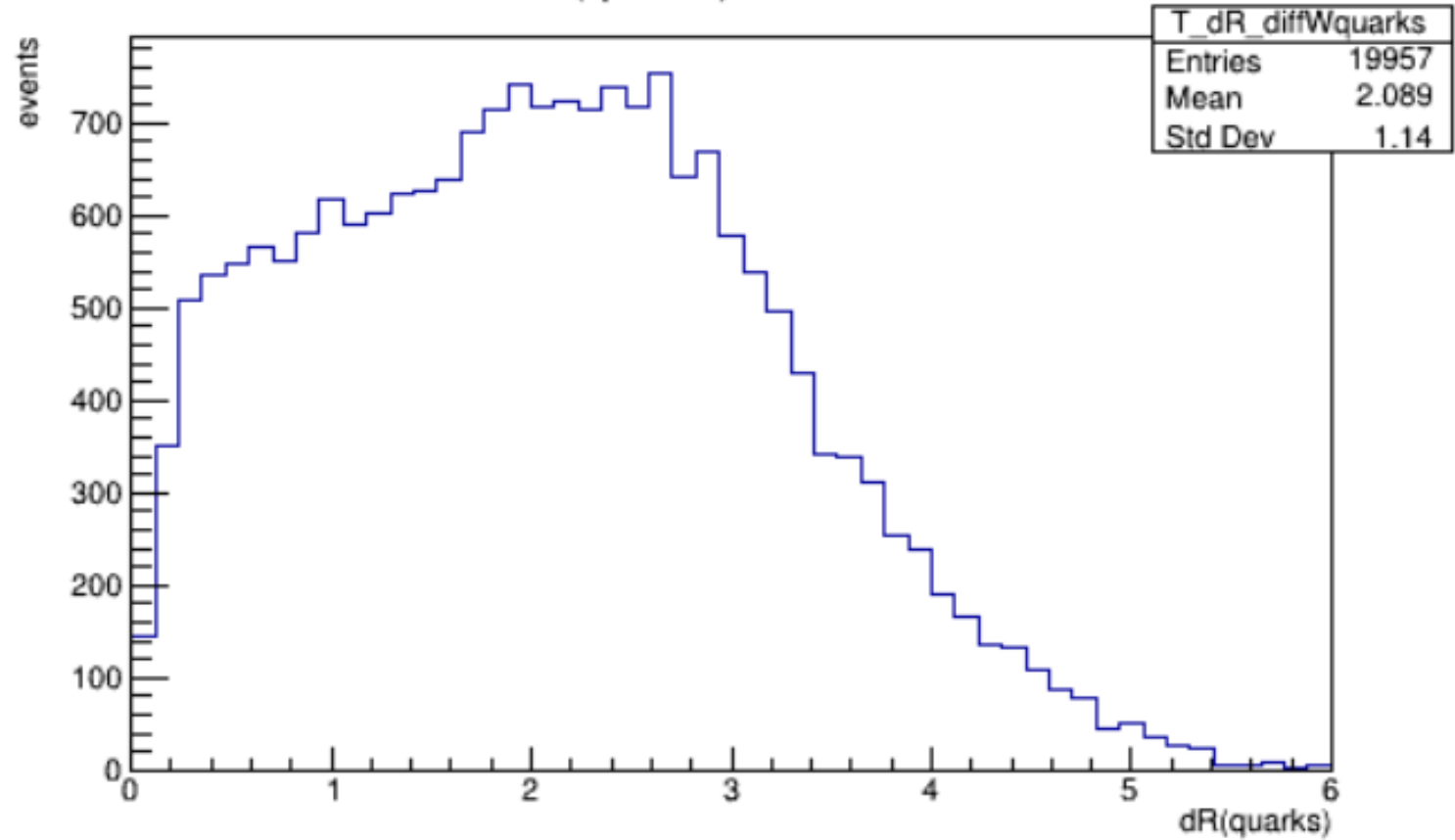
Inclusive Jet multiplicities for hadronic states



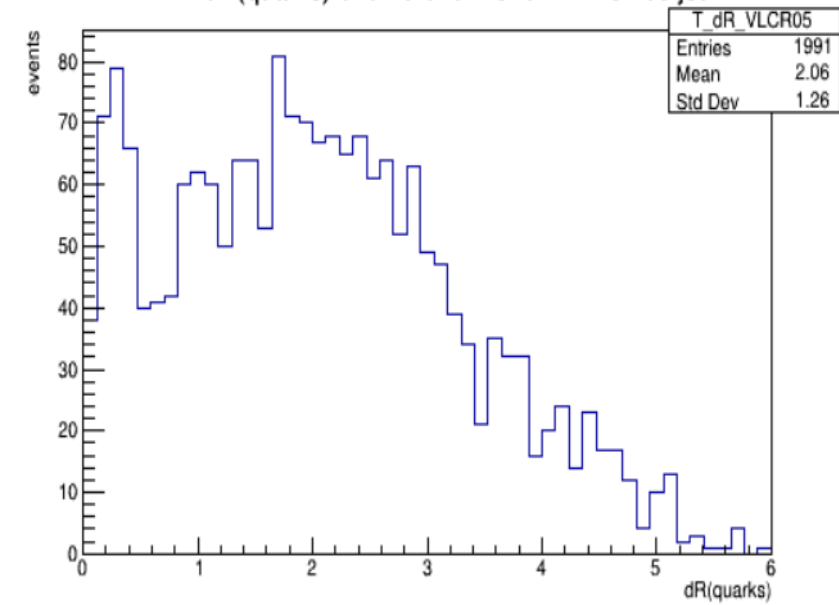
Inclusive Jet multiplicities for hadronic states, quarks($p_T > 30$, $|\eta| < 2.5$)



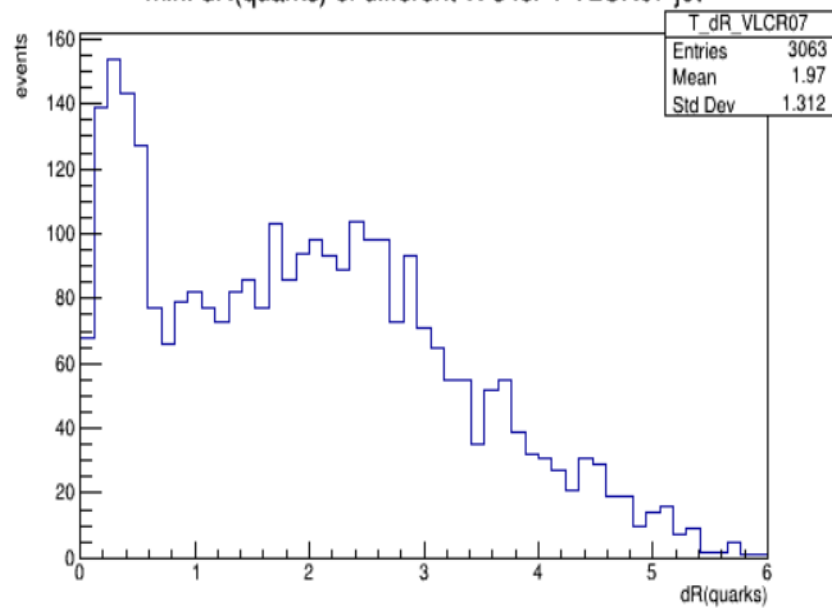
min. dR(quarks) of different W's



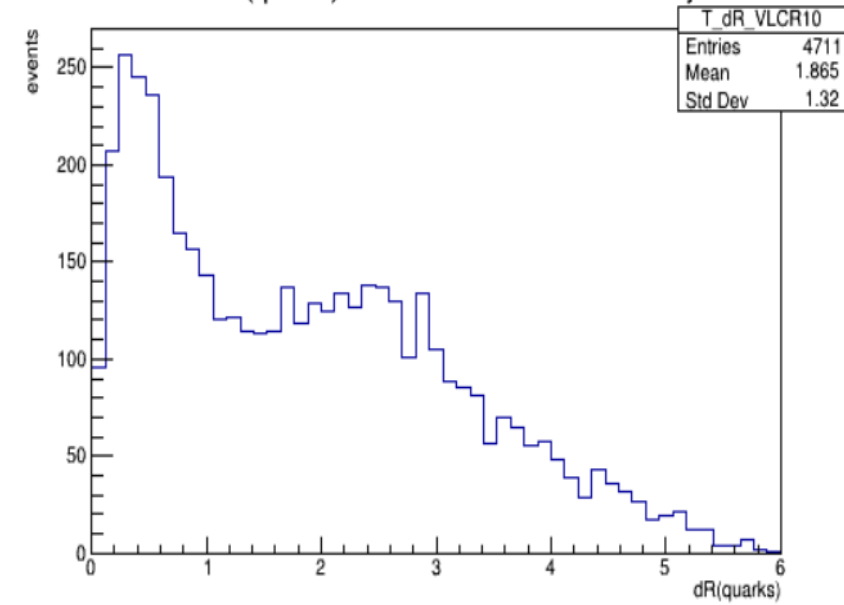
min. dR(quarks) of different W's for 1 VLCR05 jet



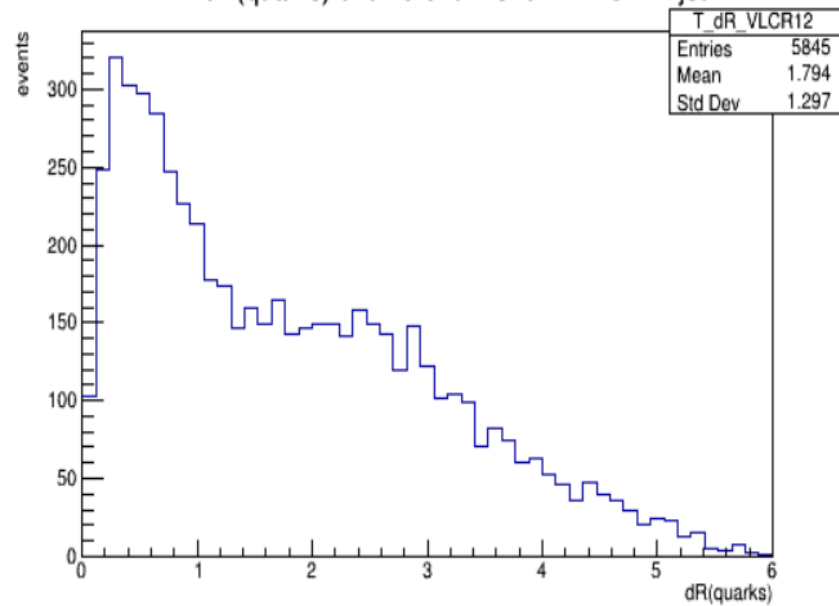
min. dR(quarks) of different W's for 1 VLCR07 jet



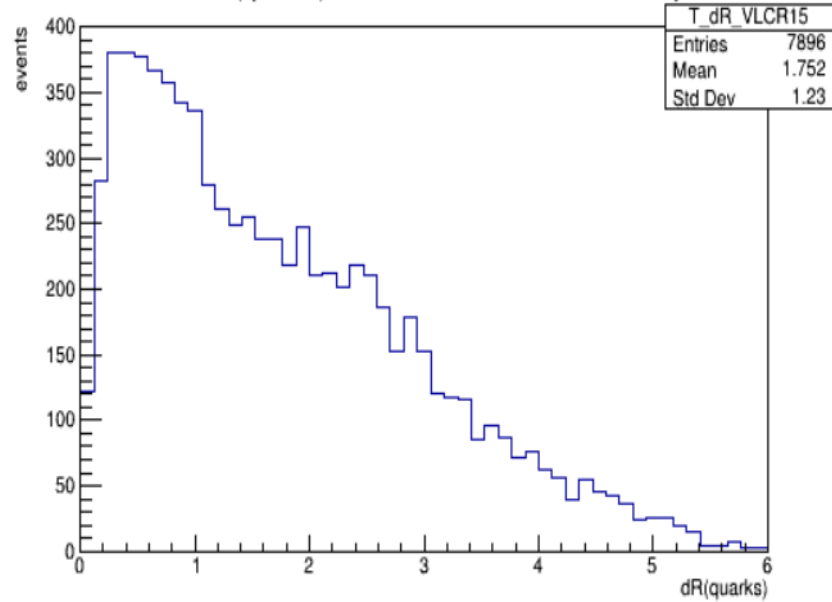
min. dR(quarks) of different W's for 1 VLCR10 jet



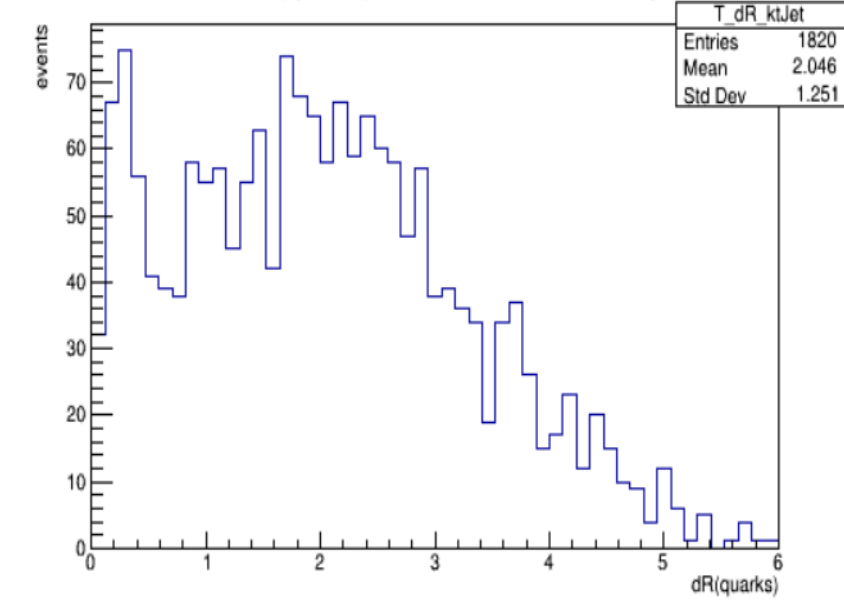
min. dR(quarks) of different W's for 1 VLCR12 jet



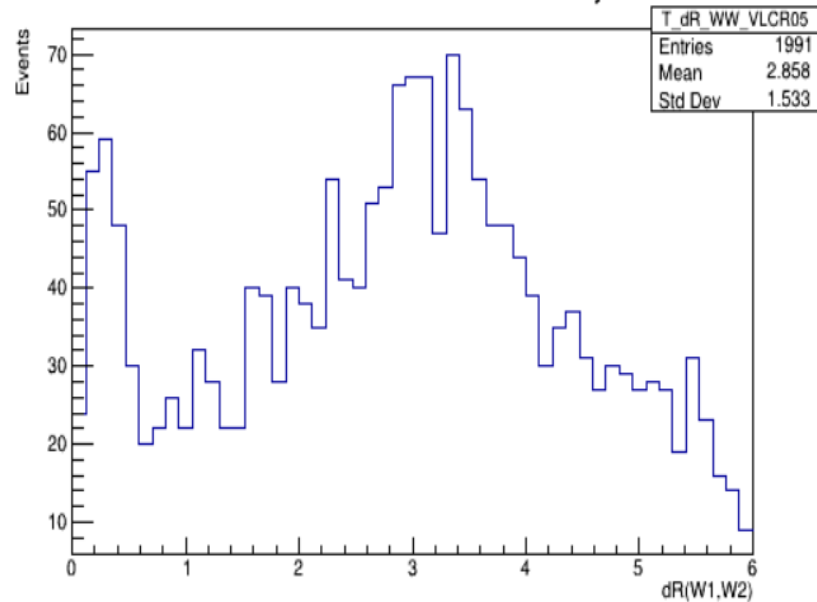
min. dR(quarks) of different W's for 1 VLCR15 jet



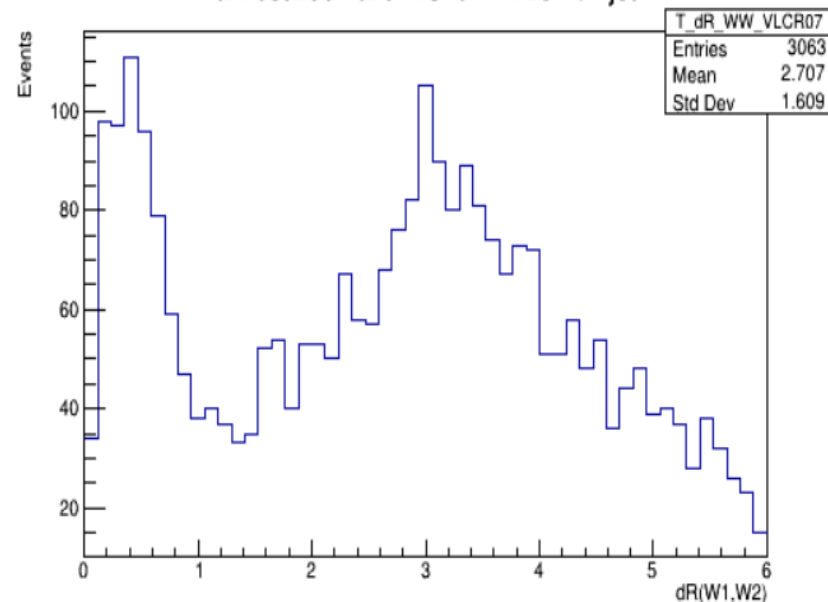
min. dR(quarks) of different W's for 1 kT jet



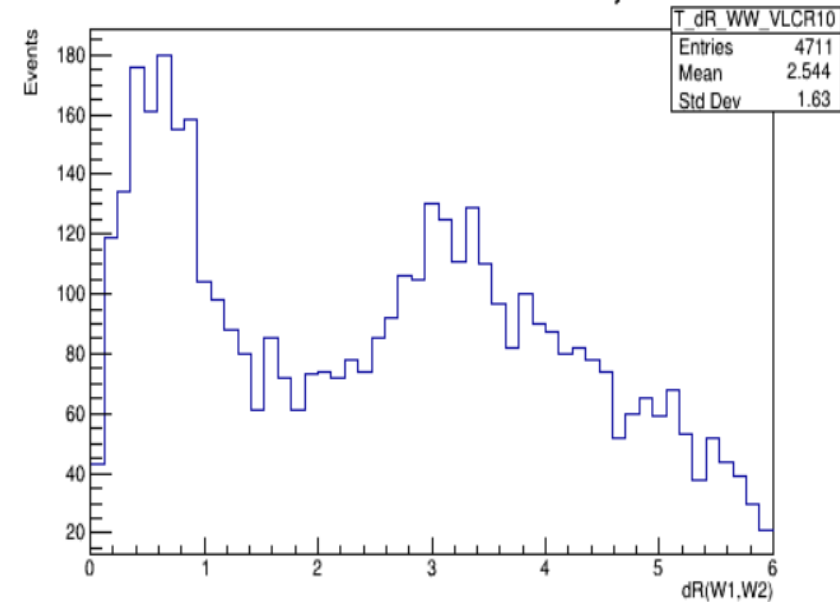
dR between two Ws for 1 VLCR05 jet



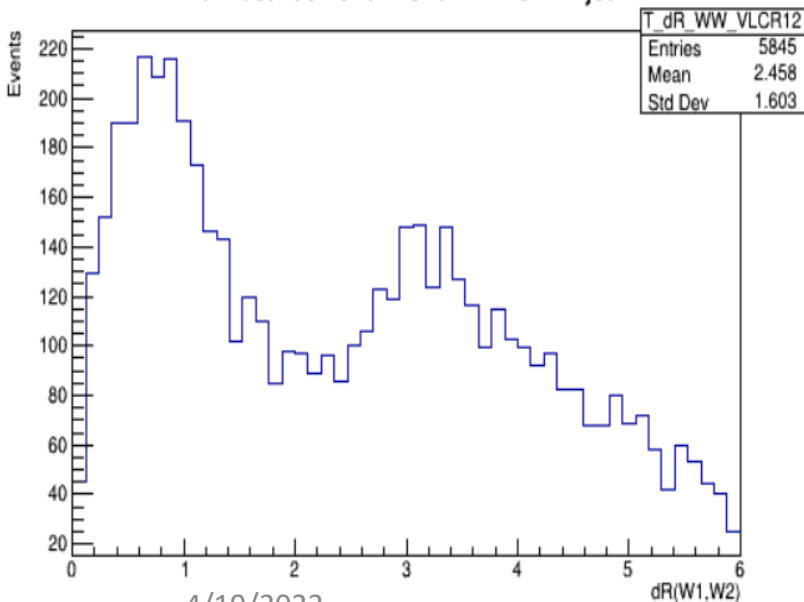
dR between two Ws for 1 VLCR07 jet



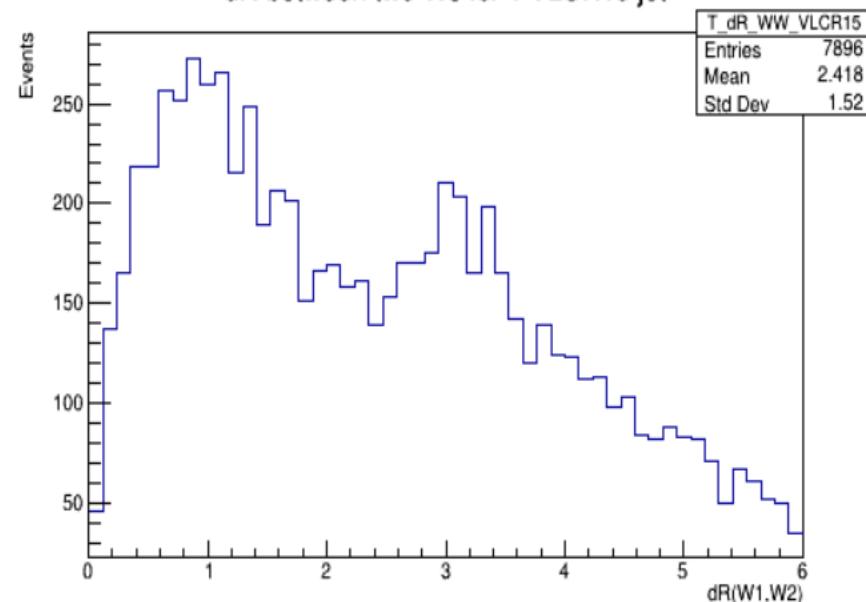
dR between two Ws for 1 VLCR10 jet



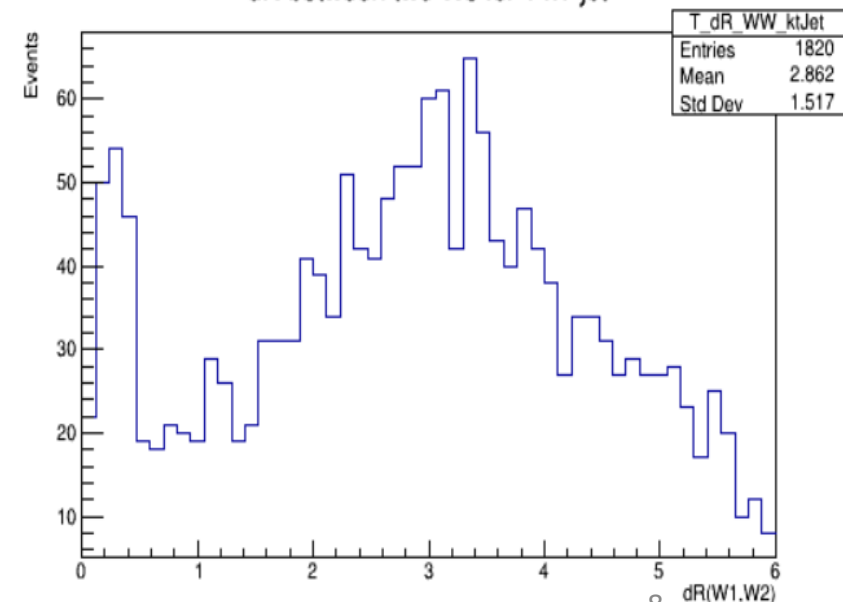
dR between two Ws for 1 VLCR12 jet



dR between two Ws for 1 VLCR15 jet



dR between two Ws for 1 kT jet



4/19/2022

8