

event, multiplicity of the event determined according to In loop: Construct tracks and save them to a list Sort particles to detector listsby their pseudorapidity Sort particles also to subevent lists-

GetParticleLists():

AnalyzeEvent(): Construct Q-vectors and calculate auantities for

later

• R_{sub}

· Vobs

retviering v_n in other script

Ouput is histograms for: • R_{true}

 $\circ Q_nQ_{nA}^*/|Q_{nA}|$

 $\circ Q_{nA}Q_{nB}^*/IQ_{nA}Q_{nB}I$

∘ Q_nQ_{nA}*

∘ Q_{nA}Q_{nB}*