

*Análisis con eventos de 2- y 3- jets y diferente radio de reconocimiento de jets.*

*Búsqueda de dijets ( $\Delta\phi \approx \pi$ ) y jets de gluones.*

*Identificación de partículas con el método Bayes.*

*Razones de partícula – antipartícula y protón/pion.*

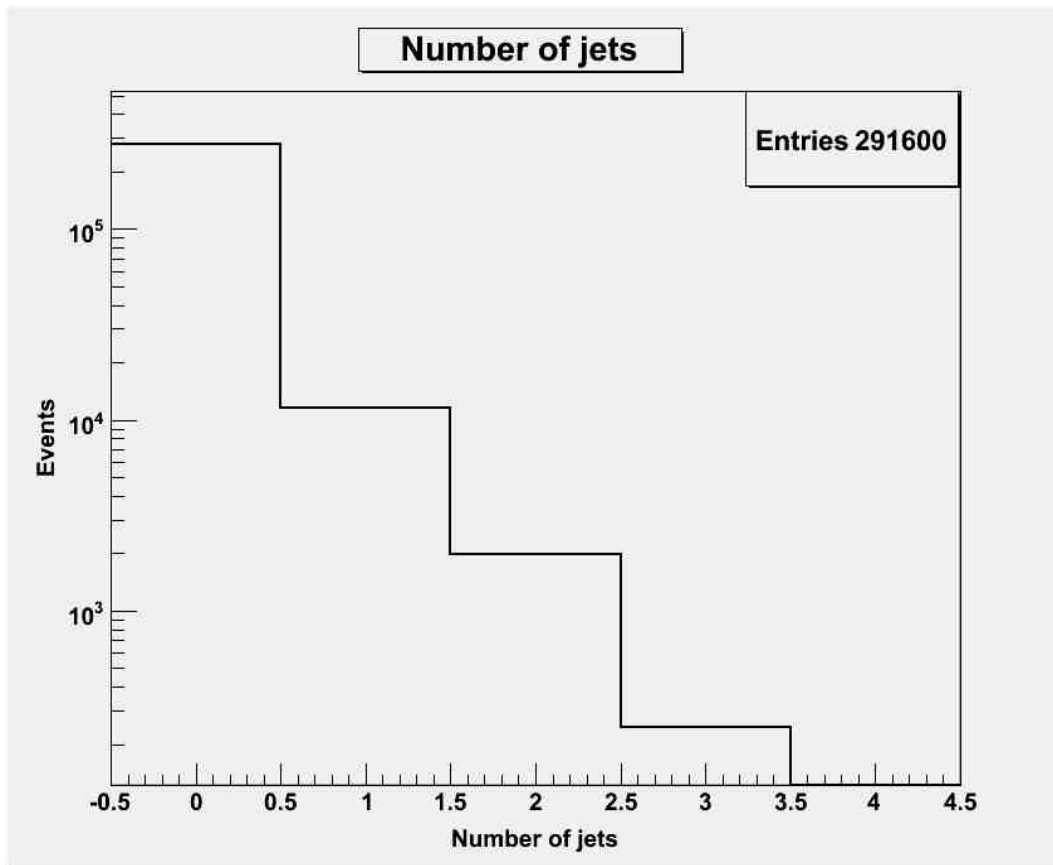
*Análisis de partículas asociadas a la más energética.*

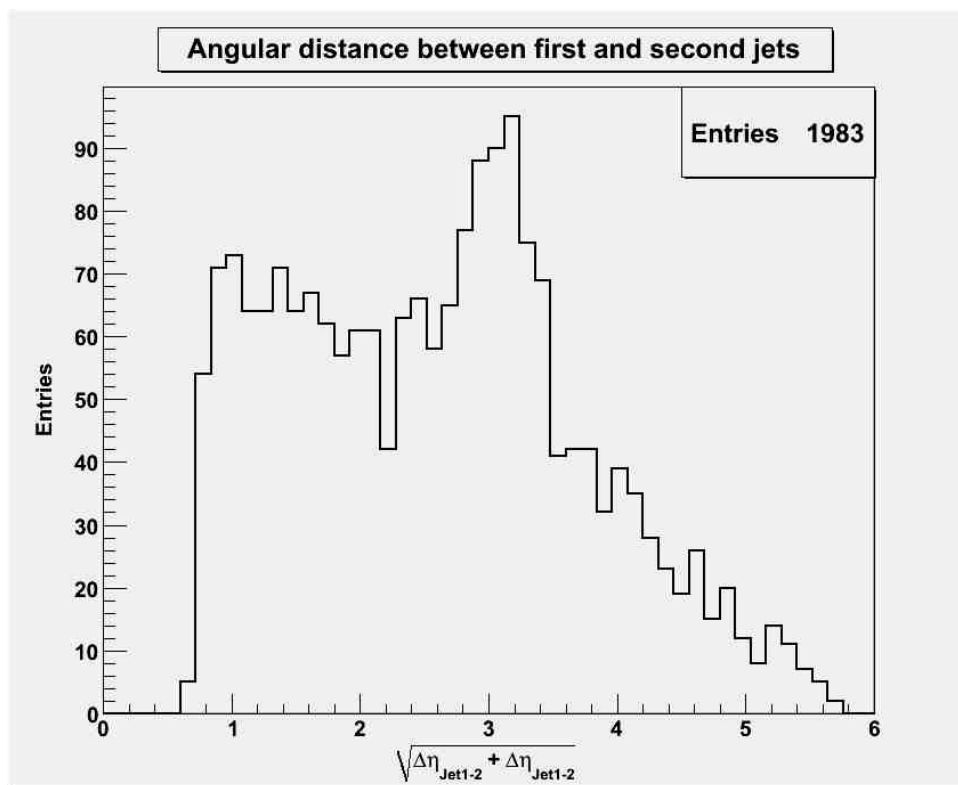
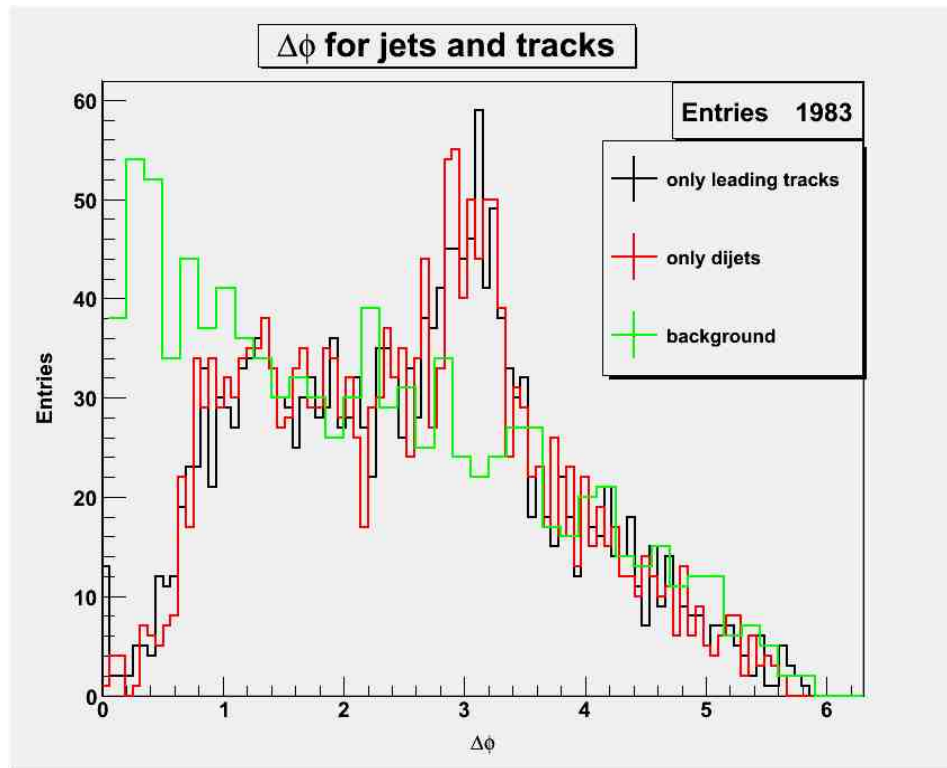
*Búsqueda de jets con protones como “leading”.*

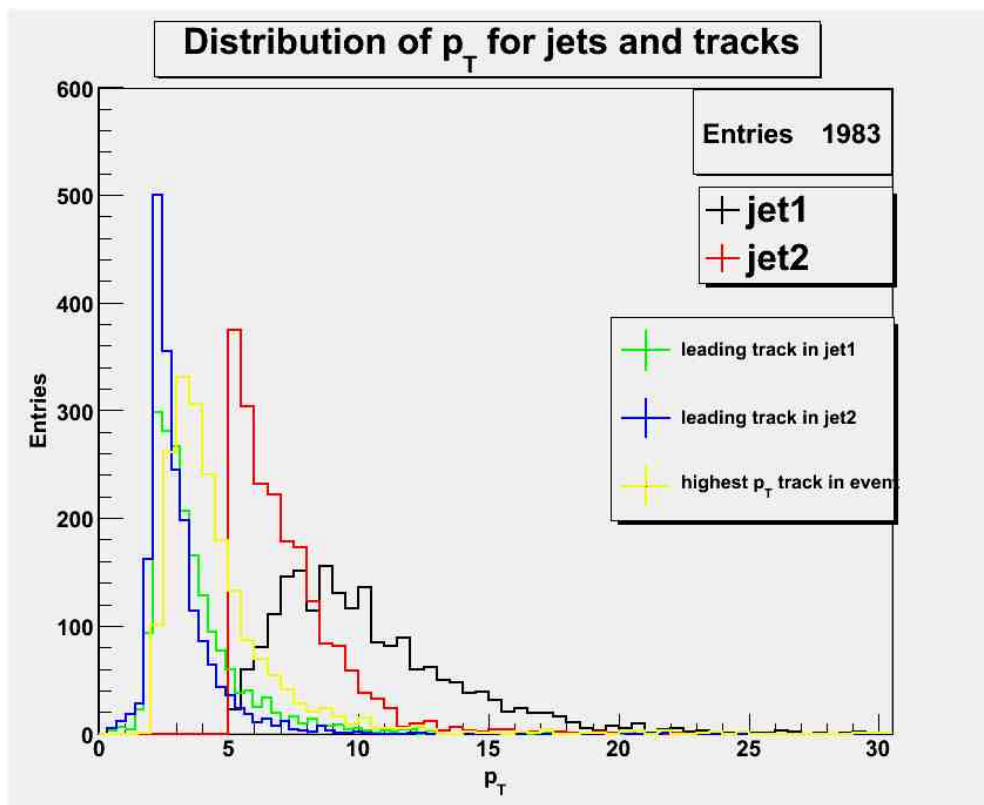
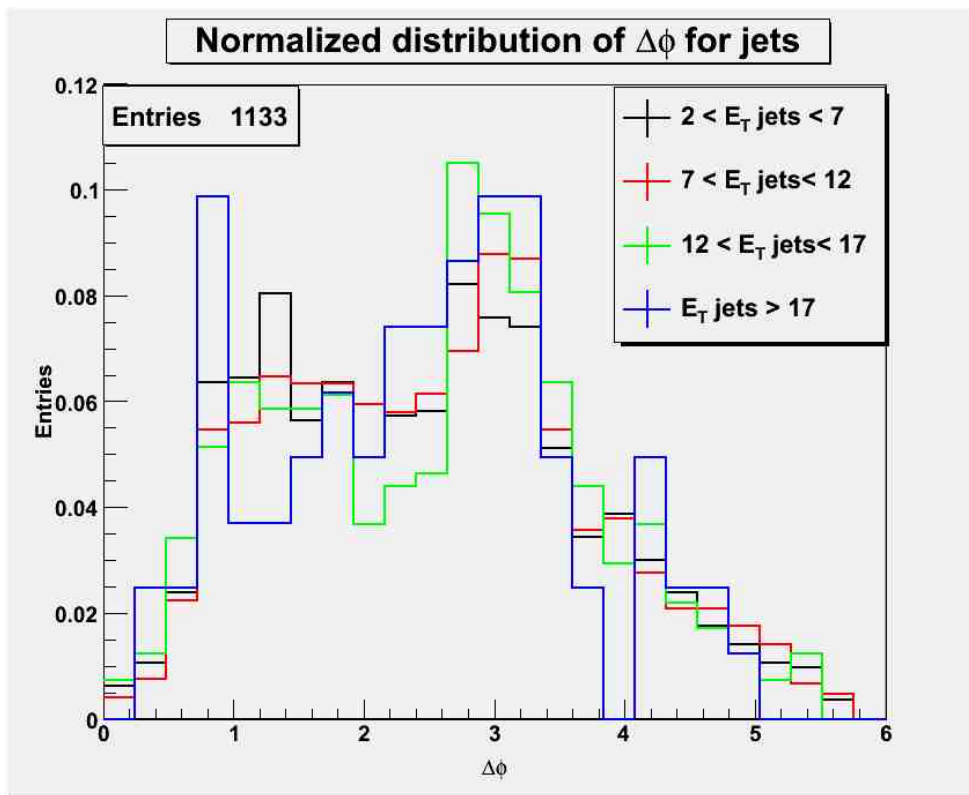
*Datos: PDC06, PDC07, PDC08*

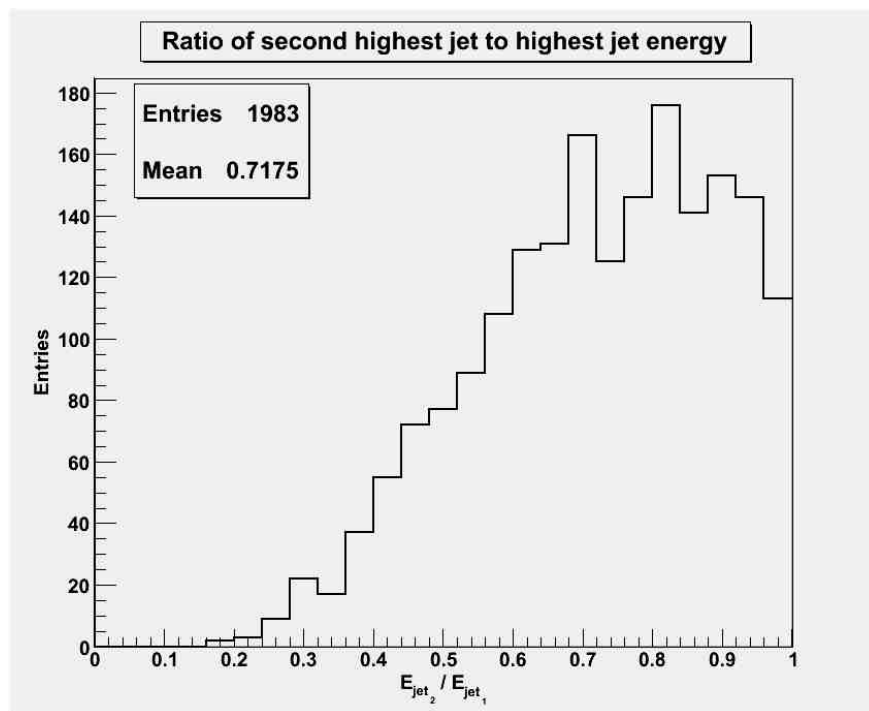
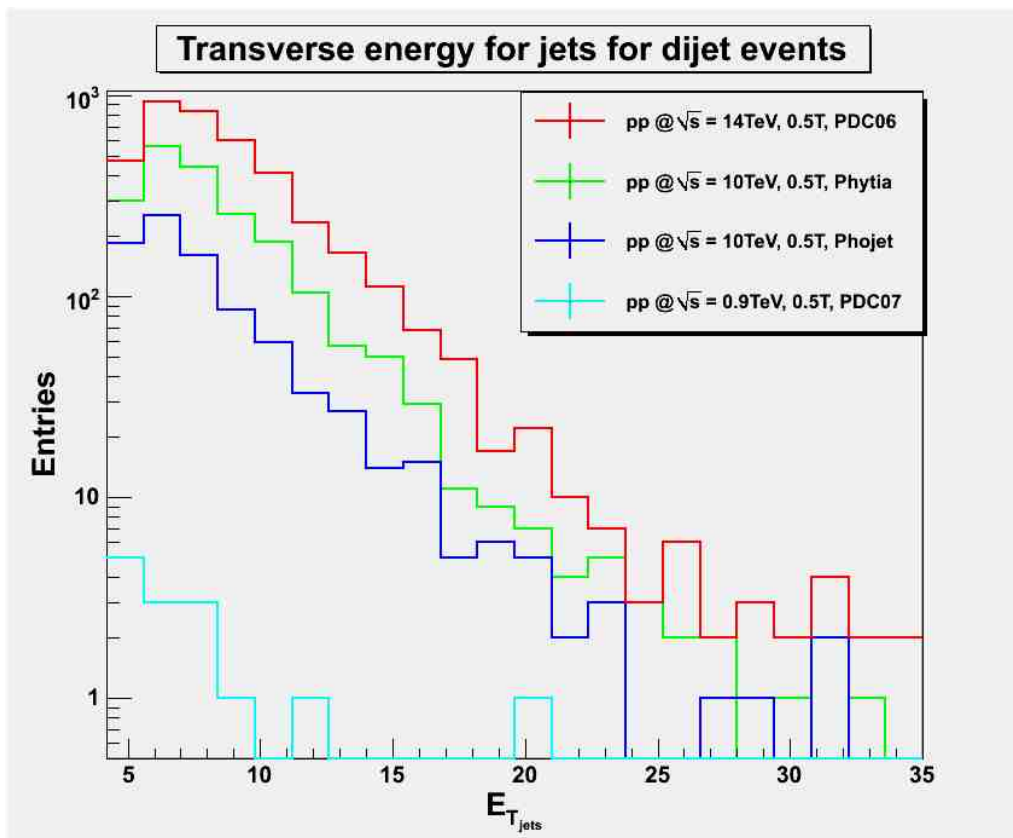
*Simulación: Pythia6, Pythia8, Phojet*

*Cortes:  $|\Delta\eta_{\text{leading}}| < 0.5$ ,  $E_T^{\text{jet}} > 5$ ,  $R = 0.7$*

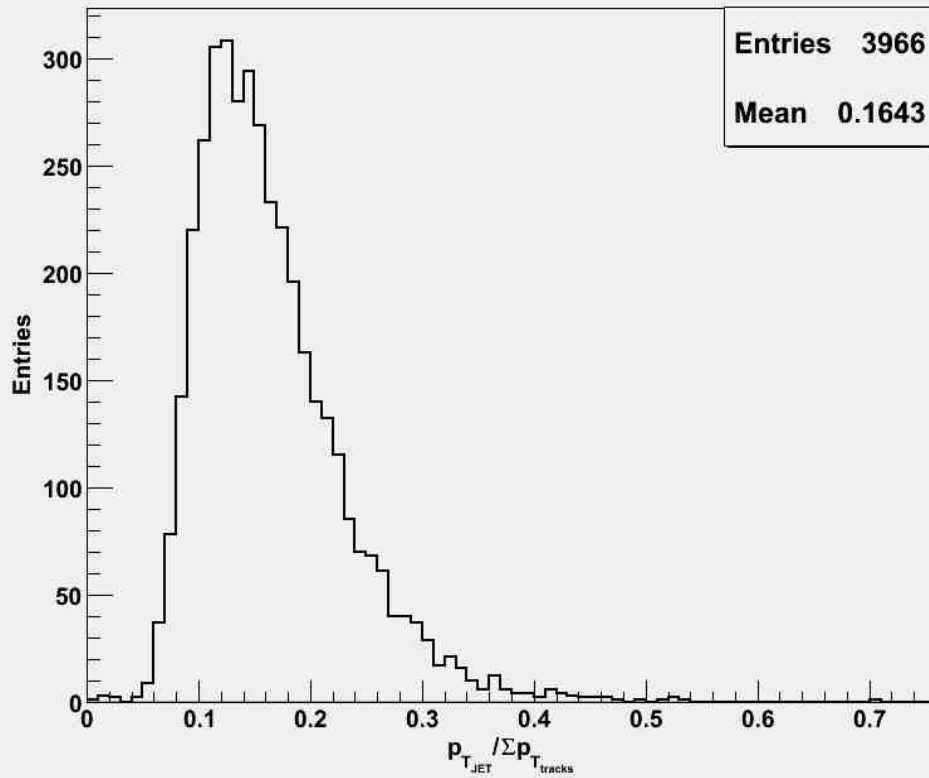




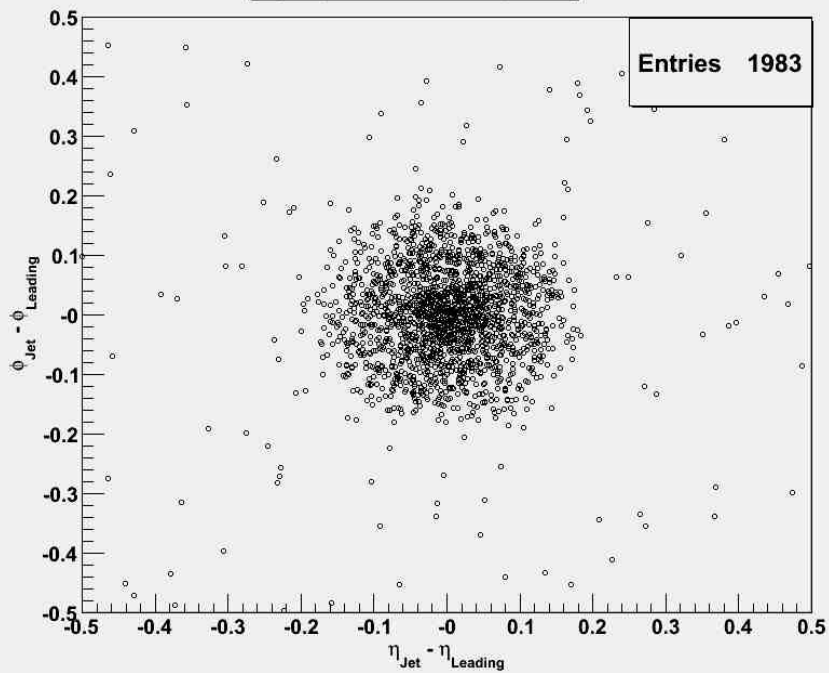


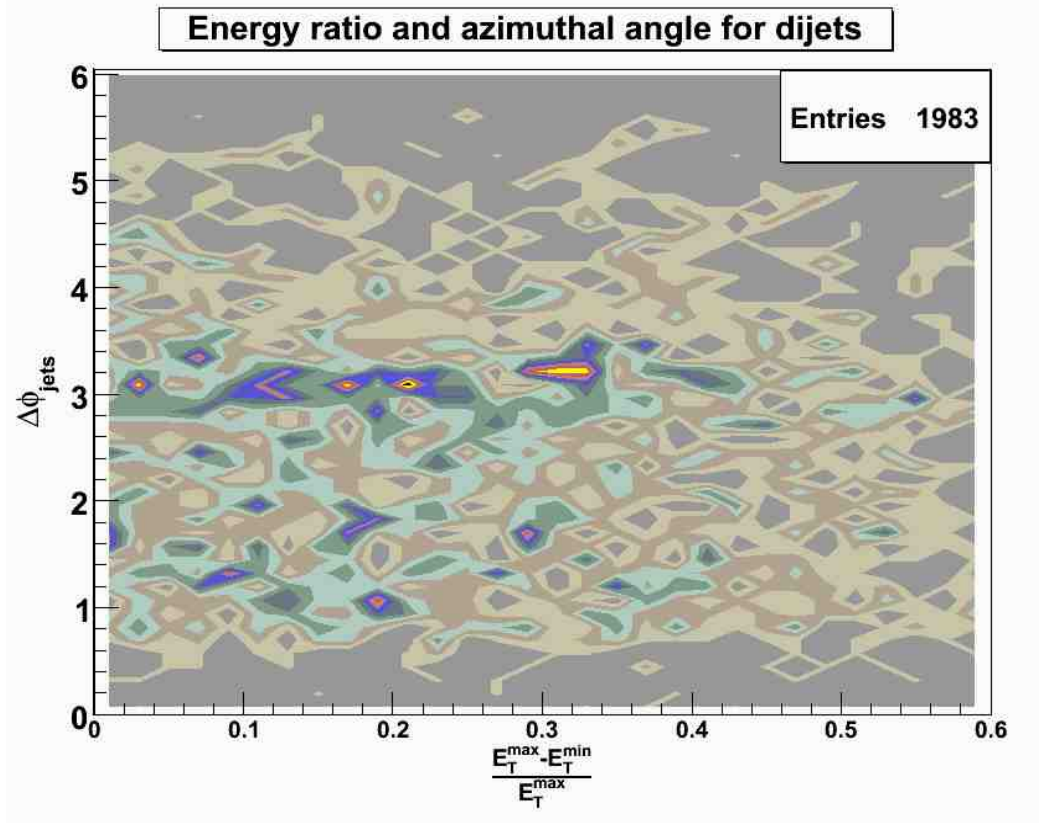
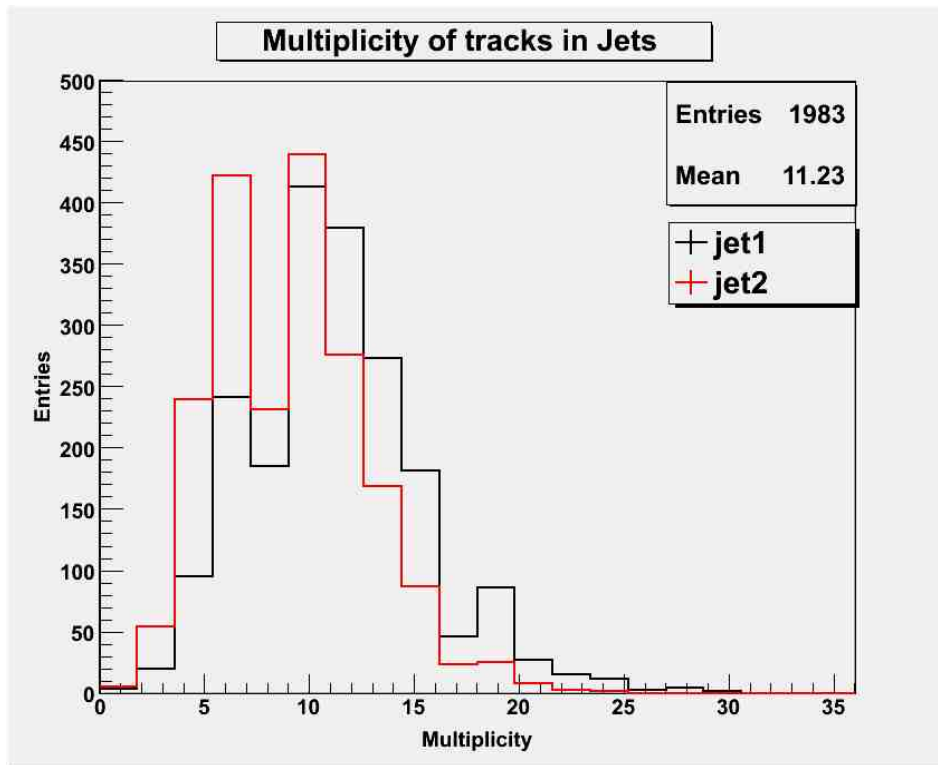


Amount of energy in jets compared to tracks energy

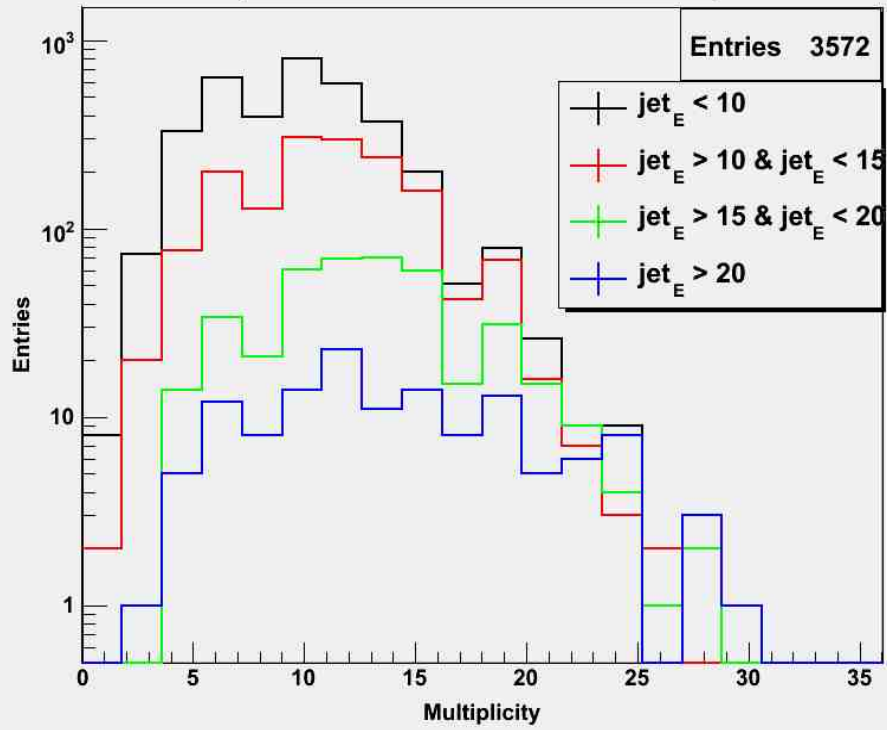


$\eta - \phi$  spread for jets

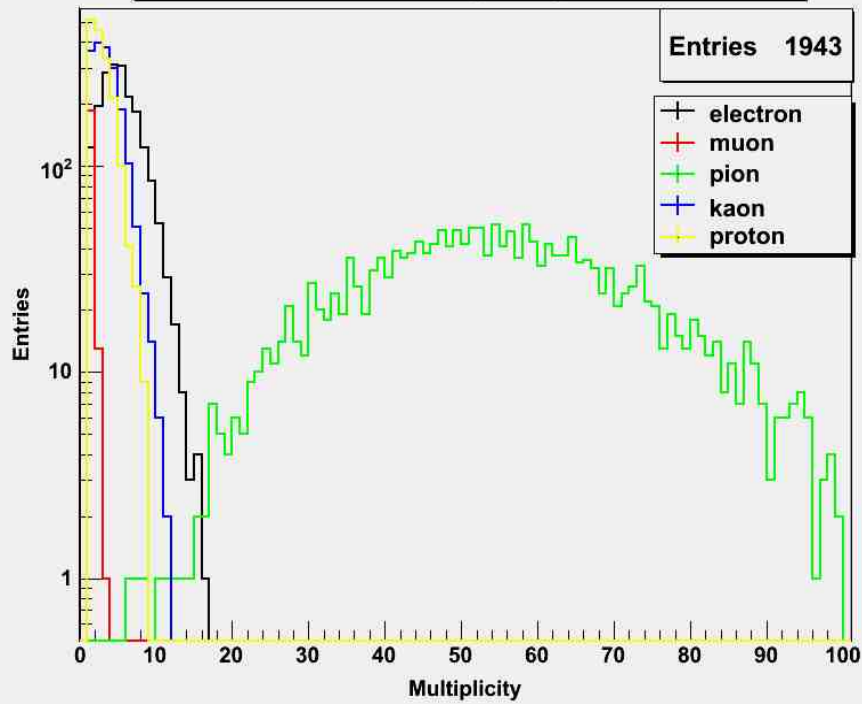


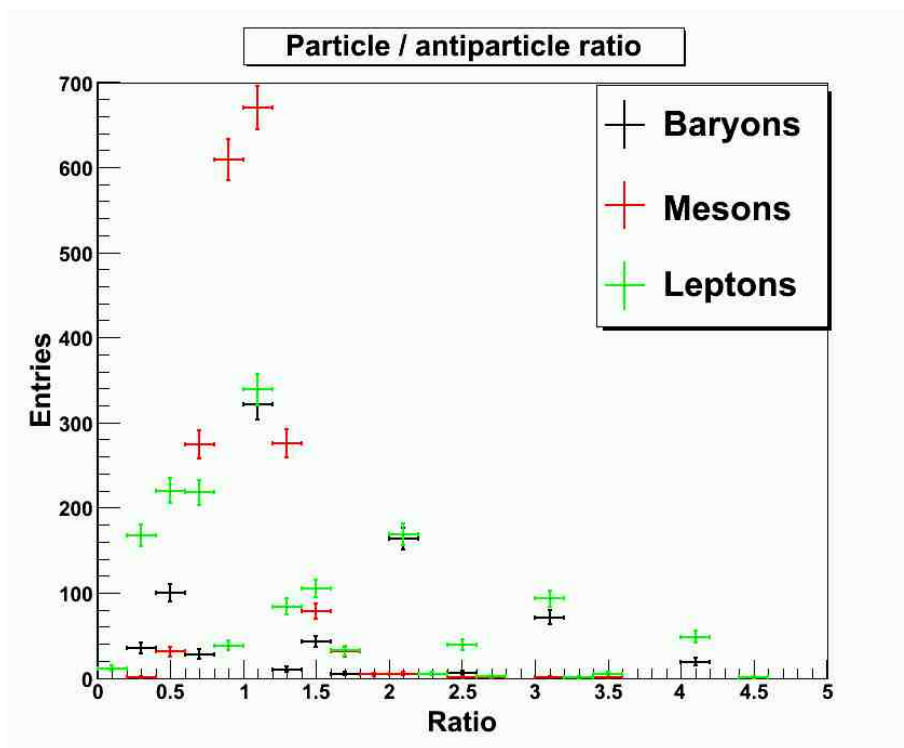
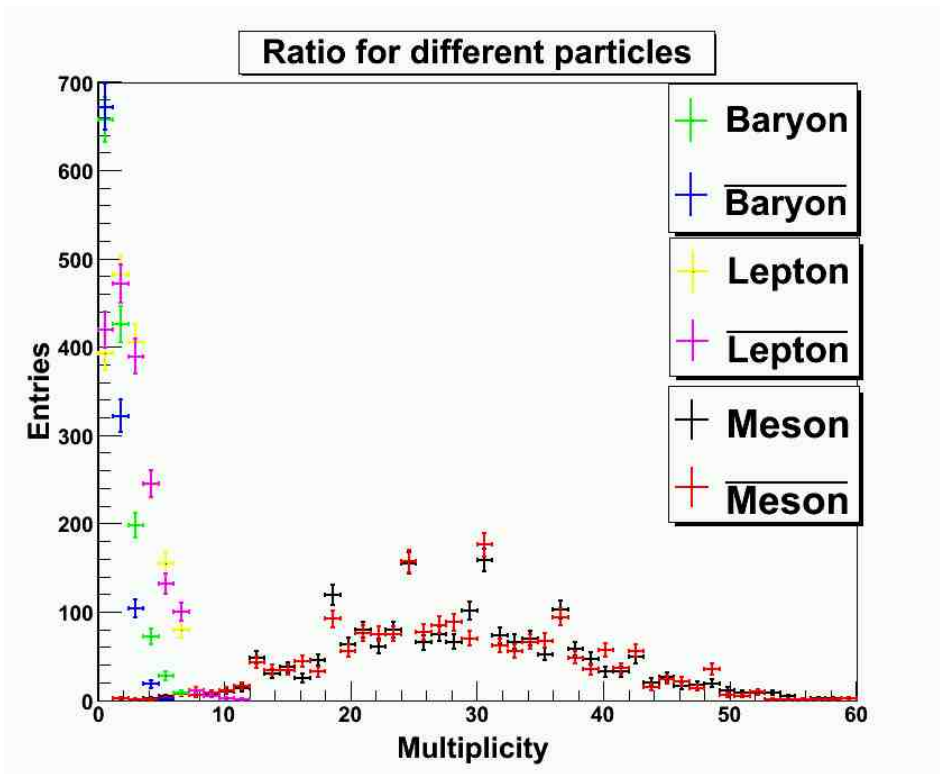


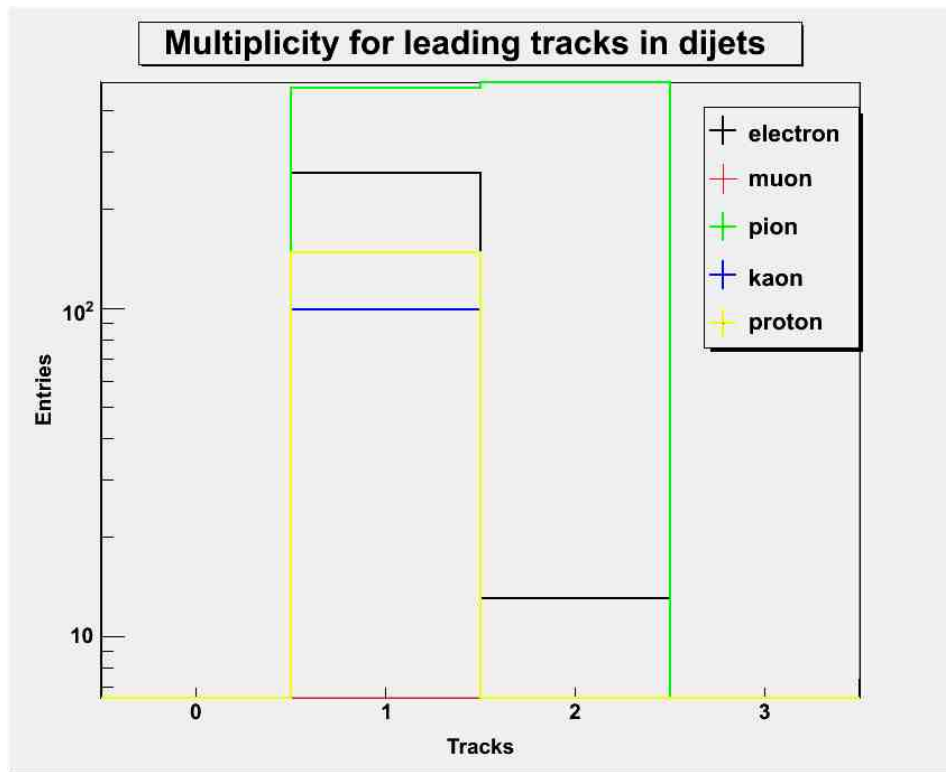
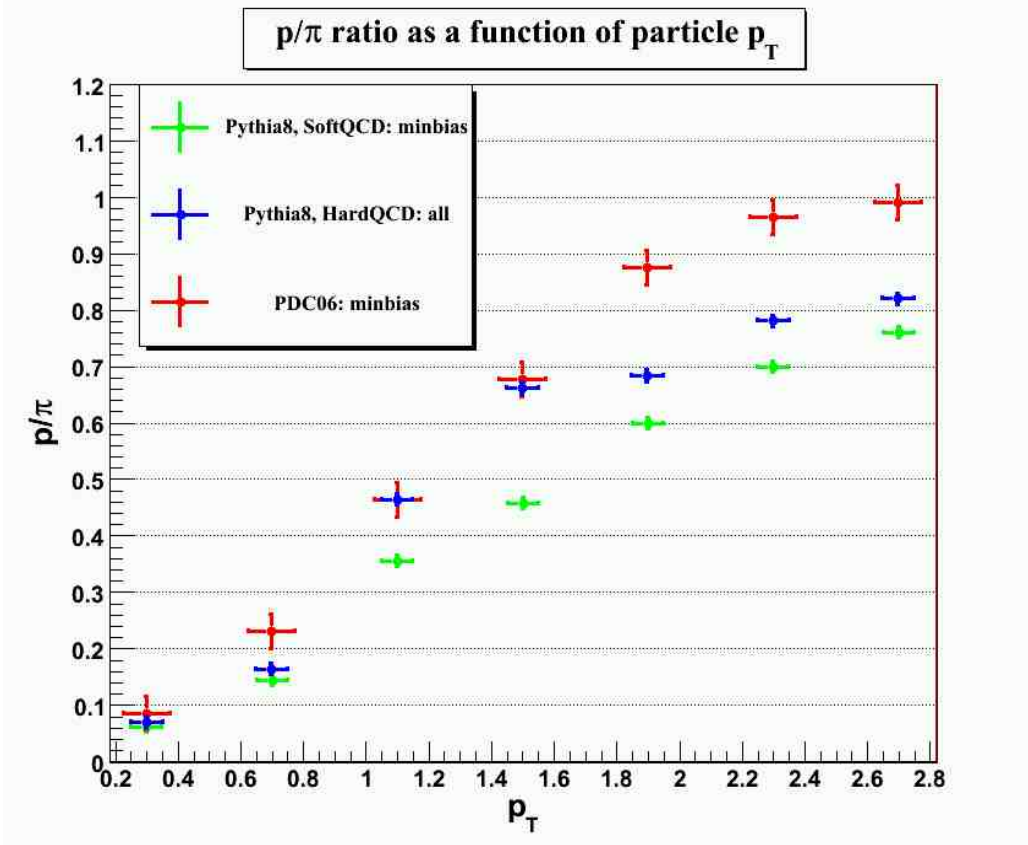
### Number of tracks in jets

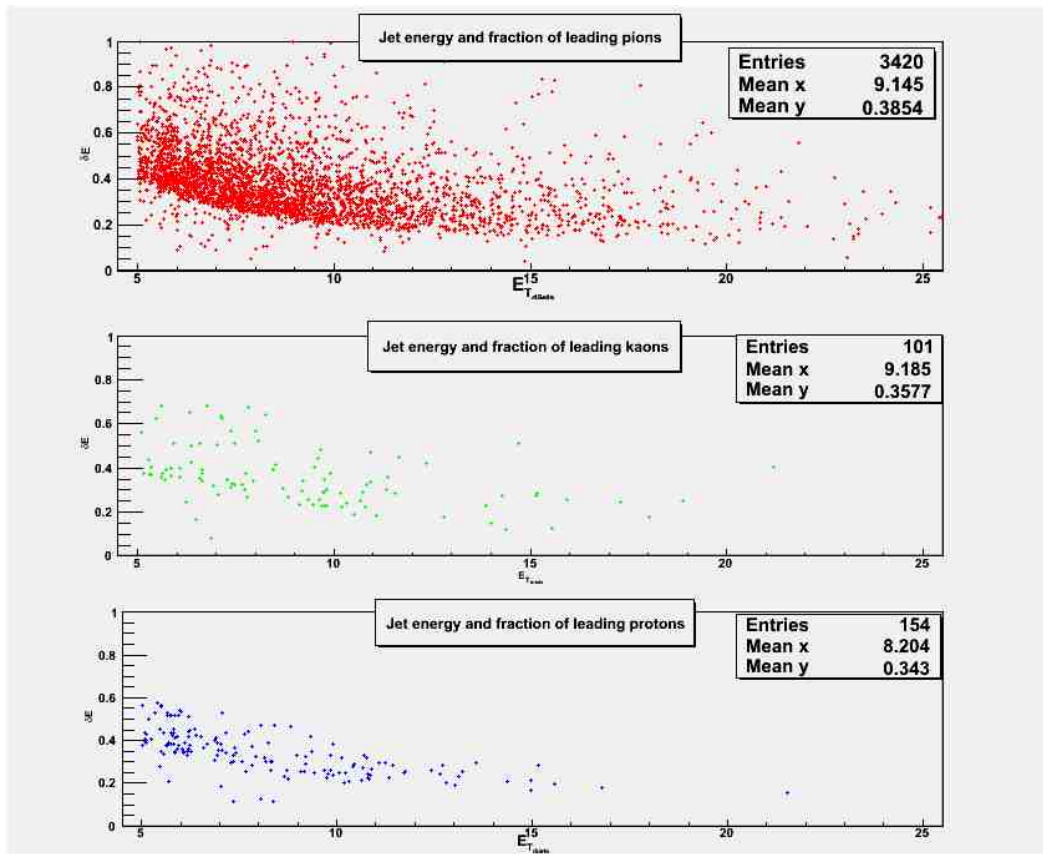
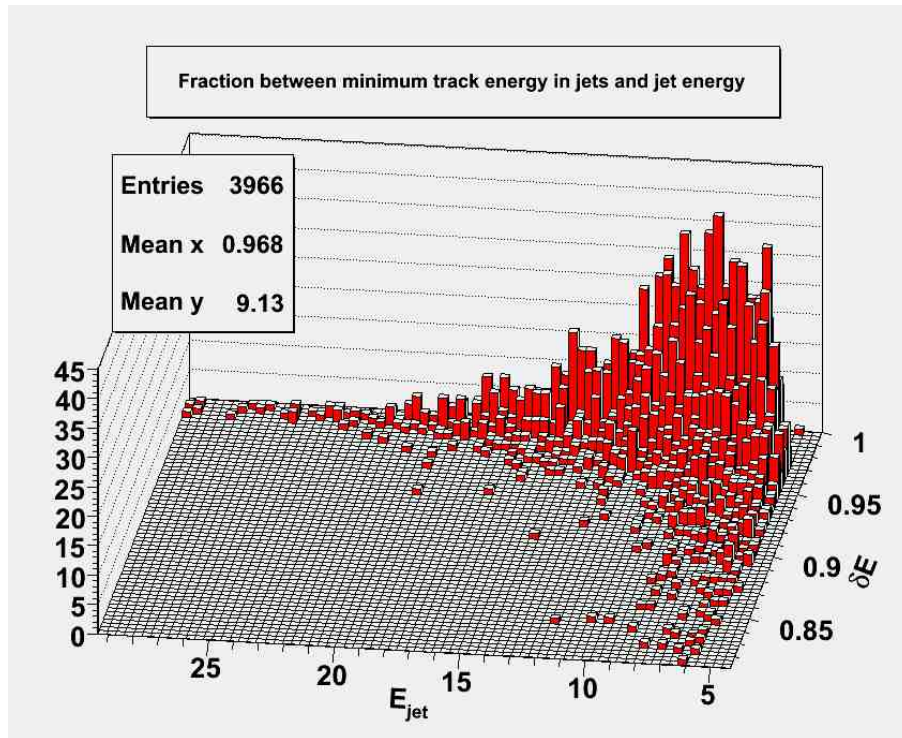


### Distribution of multiplicity for all tracks

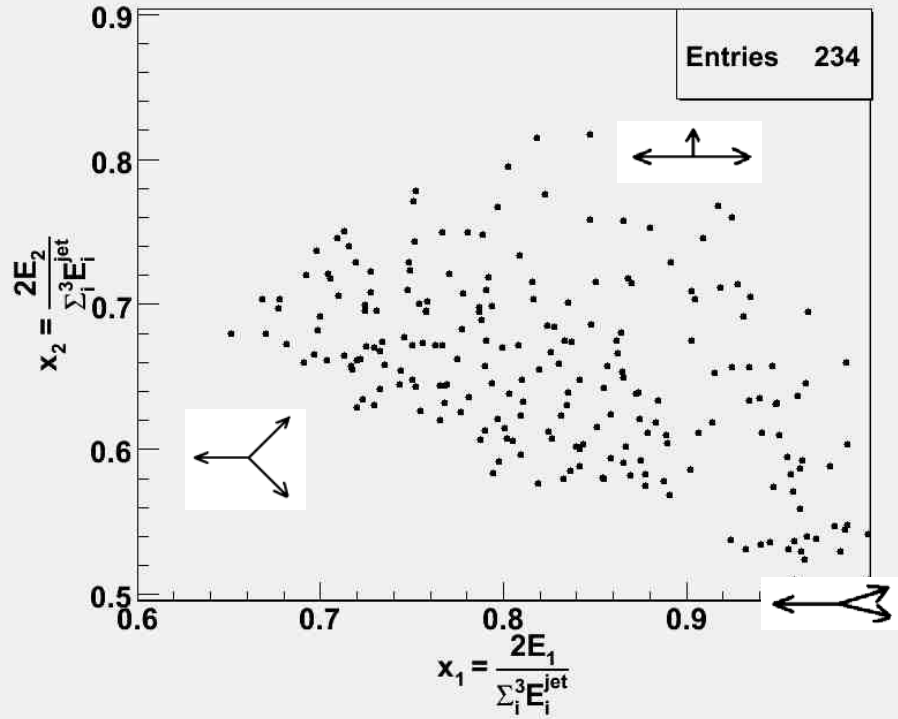








### Energy dependence of 3-jets



### Three particle correlation

