



Contribution ID: 62

Type: Poster

Study of the underlying event characteristics in function of the multiplicity and leading particle transverse momentum

The behavior of the underlying event density dependence on the leading particle transverse momentum has been widely reported and used to tune MC generators to the data of pp collisions. However to our knowledge all the studies have been done, both in data and generators for minimum bias data. We present a work that investigates the behavior of the underlying event in function of the multiplicity and the leading particle transverse momentum. The spectra of the corresponding underlying part of the events will be shown and results discussed.

Primary authors: PAIC, Guy (Universidad Nacional Autonoma (MX)); Dr MISHRA, Aditya Nath (ICN-U-NAM)

Presenter: PAIC, Guy (Universidad Nacional Autonoma (MX))

Session Classification: Poster session

Track Classification: Heavy Ions