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Analysis of one hadron rich event

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Analysis on a especial event with a main characteristics of Centauro type events, i.e. mean transverse momentum of hadrons in an order of 1 GeV/c will be presented. In spite of this event (Centauro V) doesn't show the aspect of pioneer event (Centauro I), that is the upper part of the detector has more particles than the lower part, the event Centauro V shows other common characteristics of Centauro I. Both two events has same value for the ratio height/radius of the spread area of particles, besides similar slope of the fractionally energy distribution of hadrons. As the discrimination and identification of hadronic showers is crucial, the analysis evolved construction of some kind of score tables, obtained with the use of parametric and non parametric statistics analysis, observing the photosensitive material (X-ray Films and Nuclear Emulsion Plates) and the comparison with computer simulated events behaviour inside the detector.

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