

**PION YIELDS AND THE NATURE OF KAON-PION RATIOS
IN HIGH ENERGY NUCLEUS- NUCLEUS COLLISIONS: MOD-
ELS VERSUS MEASUREMENTS**

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The pion densities and the nature of kaon-pion ratios offer two very prominent and crucial physical observables on which sufficient data for heavy nucleus collisions, to date, are available. In the light of two models — one purely phenomenological and the other with a sound dynamical basis — we would try to examine here the state of agreement between calculations and data with experimental results obtainable from the latest measurements. Impact and implications of all these would finally be spelt out.