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Why mean p_t is interesting

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We review recent ALICE data on mean p_t in pp and in pPb collisions. First we show that multiplicity spectra exhibit geometrical scaling (GS) and then we study its consequences as far as mean p_t is concerned. Next we discuss appropriate scaling variable for mean p_t dependence on N_{ch} which is related to the interaction radius R . We use Color Glass Condensate results for R dependence on N_{ch} . Finally we show what are the limitations on the energy behavior of R at fixed multiplicity and propose a simple model in which R at large N_{ch} tends to a fixed value that does not depend on energy. Such behavior has testable phenomenological consequences that seem to be supported by the data.

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