Abstract Submitted
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Minimum-bias correlations in relativistic heavy ion collisions[1]
MICHAEL DAUGHERITY, University of Texas at Austin, STAR COLLABORATION — An overview of minimum-bias two-particle correlation results from STAR at RHIC is presented emphasizing the unique access this analysis provides to interactions of jets with the dense, colored medium produced in heavy-ion collisions [1]. A general correlation measure is derived from standard statistical definitions and applications to RHIC physics will be discussed. Recent results of correlations on relative azimuth and pseudorapidity at 62 and 200 GeV showing strong energy and centrality dependences will be reported. [1] J. Adams et al. (STAR Collaboration), Phys. Rev. C73 (2006) 064907; J. Adams et al., Phys. Lett. B634 (2006) 347

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