

Abstract Submitted  
for the DNP08 Meeting of  
The American Physical Society

**Rapidity Densities of Produced Hadrons in p + p collision** K. HAGEL, Cyclotron Institute, Texas A & M University, BRAHMS COLLABORATION — The characteristics of hadrons produced in p + p collisions at high energies provide important information on elementary processes. Such data can be, and have been, used to establish an elementary reference for heavy ion collisions at RHIC. The data can also be used to constrain calculations that model elementary processes. For p + p collisions at  $\sqrt{s} = 62.4$  and 200GeV, we present spectra and derived rapidity distributions of identified positive and negative pions, kaons and protons over the rapidity range from 0 to 3.5. The results of these measurements are compared to the results of various model calculations commonly used as a base for Heavy Ion comparisons.

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Date submitted: 01 Jul 2008

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