

## Baryon/Meson Ratios for Intermediate $p_T$ at $y \sim 1$

Eun-Joo Kim  
University of Kansas  
for the **BRAHMS** collaboration

The observation of an enhancement of proton and anti-proton yields compared to pion yields in the intermediate  $p_T$  region has motivated several theoretical models of quark hadronization [1-3]. Central Au+Au collisions are expected to provide a partonic medium where the coalescence of soft partons can occur. This process could be modified by the longitudinal expansion of the medium. The coalescence process should become unimportant at sufficiently high  $p_T$ .

For the latest RHIC runs the BRAHMS spectrometers have been upgraded with Cherenkov and Time-of-Flight detectors allowing us to extend identified hadron  $p_T$  coverages above 3 GeV/ $c$  for a wide rapidity range. We will present the result for identified high  $p_T$  hadrons and the rapidity dependent baryon/meson ratios at  $y = 0$  and  $y \sim 1$ .

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- [2] V. Greco, C.M. Ko and P. Lévai, Phys. Rev. Lett. **90** (2003) 202302.
- [3] I. Vitev and M. Gyulassy, Nucl. Phys. **A715** (2003) 779c.