

Plan for QM 05 by Eun-Joo Kim

Analysis goal

- Title : System and Rapidity dependence of Baryon/Meson ratios at RHIC
- Expected data : AuAu04, CuCu05, pp05 at 62, 200 GeV
- Physics issue : see abstract

Present status of analysis towards the physics goal

- 1. AuAu04 62, 200 GeV : DST exist.
y=0, y 1 : preliminary result by Eun-Joo
see LakeLouise proceeding or DNP04 talk on BRAHMS web page
- 2. Published data : AuAu02 0-5%
 - able to get p/pi ratio at forward
 - pp02 : If Kris has separate value for Fig.1, I will try to get the ratio
- 3. Preliminary spectra for AuAu04 62 GeV, 200 GeV : NBI(?)
 - hope to get able to ratio from their spectra

What remaining analysis needs to be done

- 1. AuAu04 200 GeV different centrality at forward rapidity
- 2. CuCu05 200 GeV
- 3. pp05 200 GeV
- 4. CuCu05 62 GeV

Plan

- To Early June
 1. AuAu04 200 GeV at FS
 3. pp05 200 GeV at MRS
 4. CuCu05 62 GeV at MRS
- To Early July
 2. CuCu05 200 GeV at MRS
 - When GTR available : TOFW/TFW2 calibration, 10days
 - C4 eff, performance check : 1 week
 - MRS Analysis : 2-3 weeks
 3. pp05 200 GeV at FS
 4. CuCu05 62 GeV at FS

Hope : lots of help for FS part