

专刊

在RHIC-PHENIX中观测到的AuAu和CuCu碰撞中已鉴别强子产物的标度率特性

M.Konno

Graduate School of Pure and Applied Sciences, University of Tsukuba, Tsukuba, Ibaraki 305-8571, Japan

收稿日期 2007-7-17 修回日期 网络版发布日期 接受日期

摘要 Particle type dependences of hadron yield and emission patterns, especially its difference between mesons and baryons, at intermediate $p_T(2-5\text{GeV}/c)$ is one of the findings in heavy ion collisions at RHIC. A systematic study of identified hadron production was performed in Au+Au/Cu+Cu collisions at $s_{NN}=62.4/200\text{GeV}$, to investigate the possible origins of this difference. In this paper, we show particle ratios, elliptic flow strengths, and their scaling properties.

关键词 [scaling](#) [identified hadron](#) [heavy ion collision](#)

分类号

DOI:

通讯作者:

M.Konno

作者个人主页: M.Konno

扩展功能

本文信息

▶ [Supporting info](#)

▶ [PDF\(1245KB\)](#)

▶ [\[HTML全文\]\(OKB\)](#)

▶ [参考文献\[PDF\]](#)

▶ [参考文献](#)

服务与反馈

▶ [把本文推荐给朋友](#)

▶ [加入我的书架](#)

▶ [加入引用管理器](#)

▶ [引用本文](#)

▶ [Email Alert](#)

▶ [文章反馈](#)

▶ [浏览反馈信息](#)

相关信息

▶ [本刊中 包含“scaling”的 相关文章](#)

▶ [本文作者相关文章](#)