Preservation of PHENIX analysis notes

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PHENIX analysis internal notes

- Over 2000 internal analysis notes documenting PHENIX analysis procedures and supporting PHENIX publications
- Without action, these would be lost when web pages are brought down and hard drives die.
- Currently have little to no proprietary value – but they are also were not made to be public.
- PHENIX allows analysis notes to be distributed upon request with the approval of the spokesperson

Procedure

- For each publication
  - merge notes into one PDF
  - Add disclaimer at the beginning
  - Add watermark to make it harder to take plots or data without clear disclaimer
  - Undergraduates read through note, make sure titles are correct, and check for any material which should not be released
- Distributed to collaboration for approval
  - Contact as many of previous authors as possible
  - Chance for collaborators to object/comment
- Respond to any feedback
- Samples from first one – almost ready for release – follows

Supporting Analysis Notes for PPG001 "Minimum bias multiplicity distribution at $\sqrt{s} = 130$ A GeV using the PHENIX pad chambers"

Contents

1 Introduction

This is a compilation of internal analysis notes for Phys.Rev.Lett.87(2001)112303 (Paper Preparation Group 001) by the PHENIX collaboration. This consists of several analysis notes referred to by their internal identifier. For example, analysis note 1 is referred to as AN001. All internal analysis notes submitted in support of this paper are included. This may mean that some information is duplicated elsewhere. Analysis notes may include author lists; these author lists are superseded by the published paper's author lists.

2 Disclaimer

Important Notice Regarding This Document
This PHENIX Analysis Note (AN) was originally prepared for internal use within the PHENIX Collaboration. It was not intended for public release or external distribution. Therefore, PHENIX-specific content and terminology may not be fully accessible to those outside the collaboration.

Key Caveats and Limitations:

- Only PHENIX published data underwent full collaboration review. Notes may contain preliminary or incomplete results.
- Figures, tables, and numbers should not be interpreted as final PHENIX results.
- The content, including wording and viewpoints expressed, does not necessarily represent the consensus of the PHENIX Collaboration.
- The author list of individual analysis notes does not reflect all people who contributed to the paper.

Use of This Document:
These notes are released to promote transparency, methodological guidance, and the preservation of historical developments. Users should consult official PHENIX publications for validated results and interpretations. Questions may be directed to the PHENIX Collaboration, which will respond on a best-effort basis.

Analysis Note 001 - July 19, 2000

WIS group for PHENIX collaboration

Determination of the event vertex position and measurement of dN/dEta using information from PC1 and PC3 with B=0.

Mail to: Itzhak Tserruya Sasha Milov

Created: May,1,2000
Updated: May,11,2000

The transparancies of the WIS group presentation at the May core meeting can be seen here: (ps-file) .

Where are we?

- Have draft analysis notes, but need to review them

Where does the money come from?

- Eligible UTK students can get paid through the work study program at no cost to the PI! Only need supervision & training.