arXiv.org > nucl-ex > arXiv:1106.4940

Search or Article-id

(Help | Advanced search)

All papers



Nuclear Experiment

New flow observables

Rajeev S. Bhalerao, Matthew Luzum, Jean-Yves Ollitrault

(Submitted on 24 Jun 2011)

Event-by-event fluctuations of the initial transverse density profile result in a collective flow pattern which also fluctuates event by event. We propose a number of new correlation observables to characterize these fluctuations and discuss how they should be analyzed experimentally. We argue that most of these quantities can be measured at RHIC and LHC.

Comments: For Quark Matter 2011 Proceedings

Subjects: Nuclear Experiment (nucl-ex); Nuclear Theory (nucl-th)

Journal reference: J. Phys. G: Nucl. Part. Phys. 38 (2011) 124055

DOI: 10.1088/0954-3899/38/12/124055

Report number: Saclav t11/161

arXiv:1106.4940v1 [nucl-ex] Cite as:

Submission history

From: Jean-Yves Ollitrault [view email] [v1] Fri, 24 Jun 2011 11:39:30 GMT (32kb)

Which authors of this paper are endorsers?

Link back to: arXiv, form interface, contact.

Download:

- PDF
- PostScript
- Other formats

Current browse context:

nucl-ex

< prev | next > new | recent | 1106

Change to browse by:

nucl-th

References & Citations

- INSPIRE HEP (refers to | cited by)
- NASA ADS

Bookmark(what is this?)









