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Type: **Talk**

Vorticity Effect in Heavy-ion Collision

Monday, August 30, 2021 11:30 AM (30 minutes)

We calculated four types of vorticities in non-central Au+Au collision at energies $\sqrt{S_{NN}} = 5-200$ GeV within the microscopic transport model PACIAE. We find that the initial vorticities show clearly non-monotonic dependence on the collision energies, which is in accordance with a previous study. Our calculation shows that the turning point is around 10-15 GeV for different vorticities.

Is this abstract from experiment?

No

Name of experiment and experimental site

N/A

Is the speaker for that presentation defined?

Yes

Details

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Internet talk

Yes

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