

Abstract Submitted
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D0 measurements in Cu+Cu collisions at $\sqrt{s}=200$ GeV
SARAH LAPOINTE, Wayne State University, STAR COLLABORATION — The heavy quark production in relativistic heavy ion collisions provides a reference for heavy meson formation, energy loss and collectivity of heavy quarks in nuclear medium. In this talk, we present preliminary results from D0 measurements in minimum bias Cu+Cu collisions at $\sqrt{s}=200$ GeV. The measurements are performed using an exploratory analysis trying to optimize secondary vertexing. This provides a basis for future measurements of heavy quark energy loss and collectivity in heavy ion collisions at RHIC.

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