

HAW14-2014-020046

Abstract for an Invited Paper  
for the HAW14 Meeting of  
the American Physical Society

**Beam energy dependence of hypertriton production and lifetime measurement at RHIC<sup>1</sup>**

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We will show the recent progress on hypertriton measurement in high energy heavy-ion collisions at RHIC. We will focus on the hypertriton and anti-hypertriton invariant yield measurements in Au+Au collisions at center of mass energy of 7.7, 11.5, 19.6, 27, 39 and 200 GeV. The updated hypertriton lifetime with larger statistics will be presented. The physics implication of the new data will be discussed.

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