

STAR Beam Use Request

Bulk Correlations Highlight

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Number fluctuations:

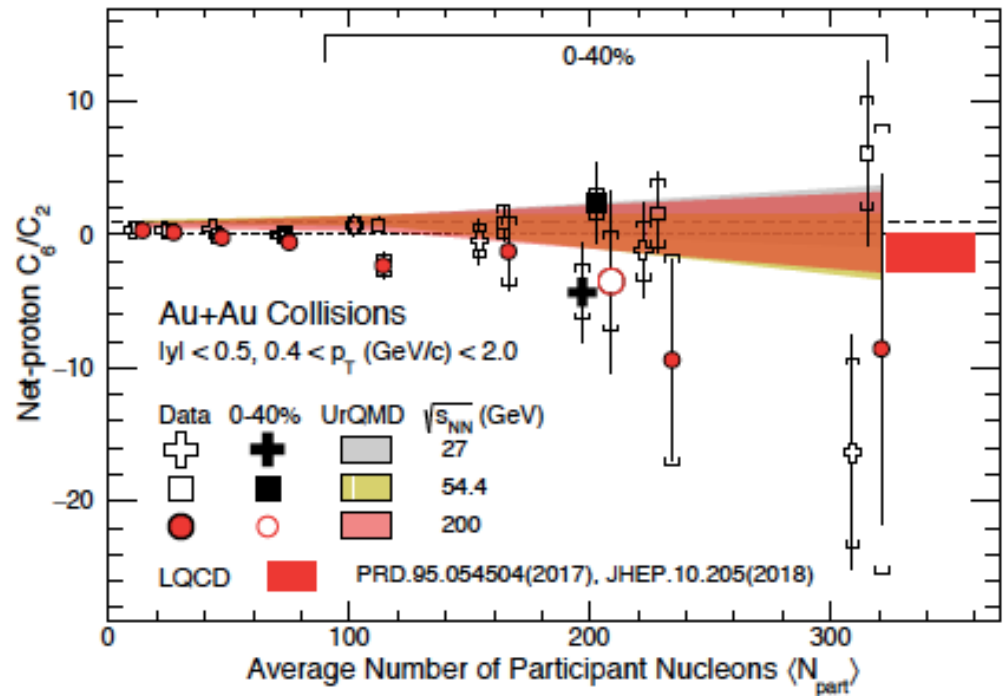


In the old BUR we have:

Net-proton number fluctuations

Proposal for the current BUR:

Measurement of the sixth-order cumulant of net-proton multiplicity distributions:

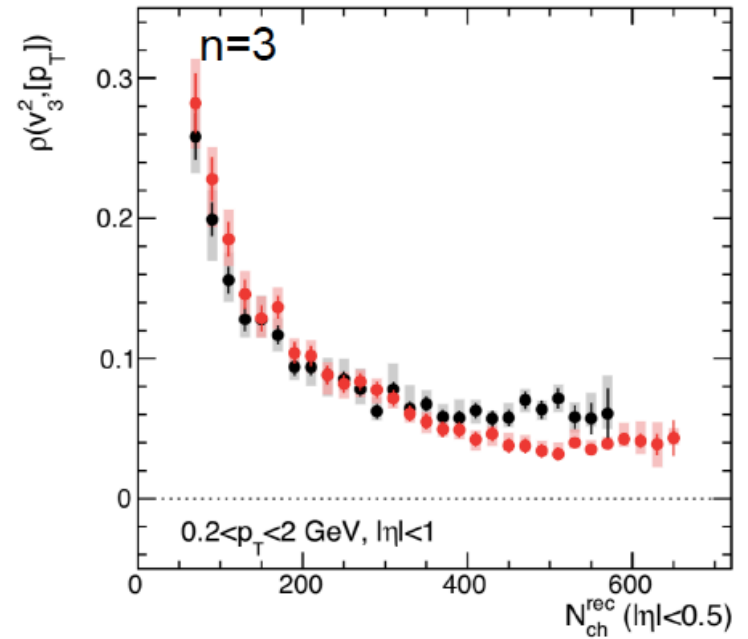
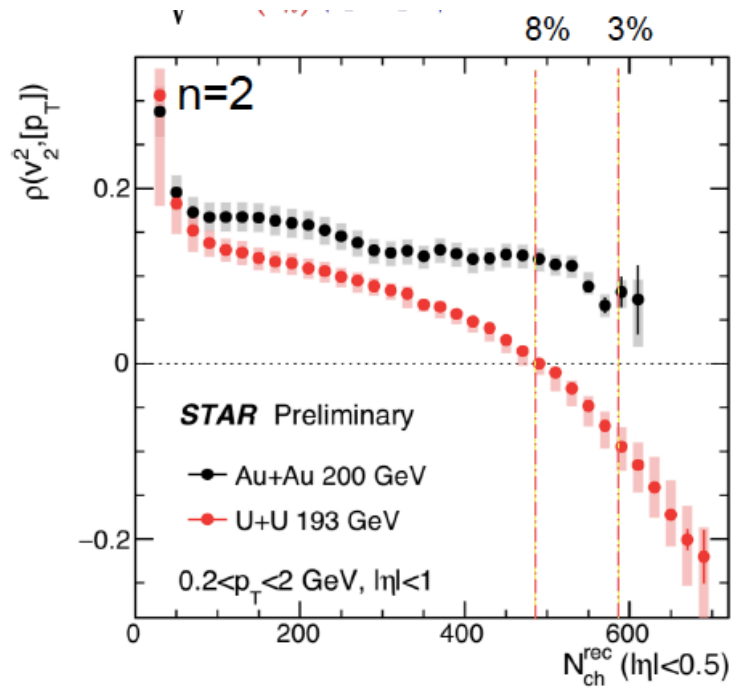


Nuclear deformation measurements:



Proposal for the current BUR:

Expand the discussion to include the v_n - p_T correlations (it's preliminary now)

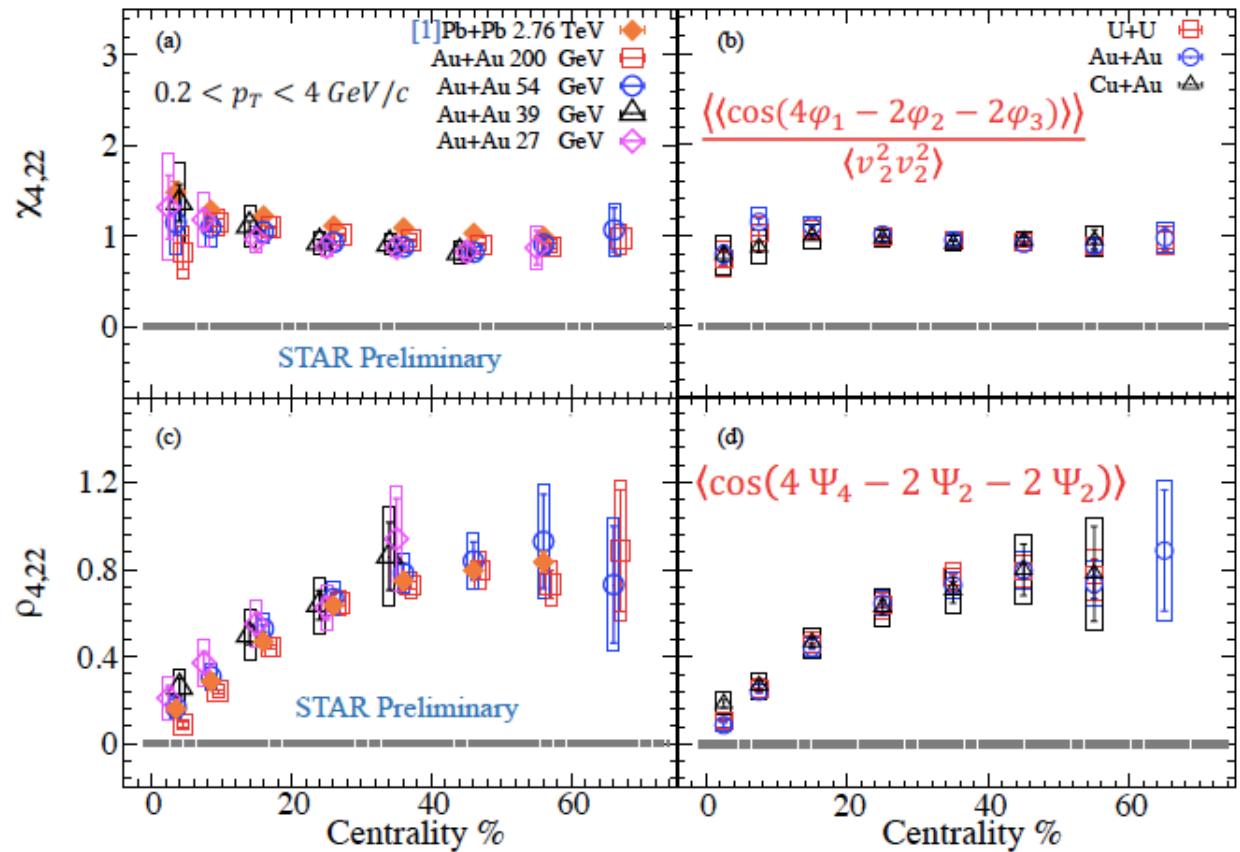


Flow correlations and fluctuations



Proposal for the current BUR:

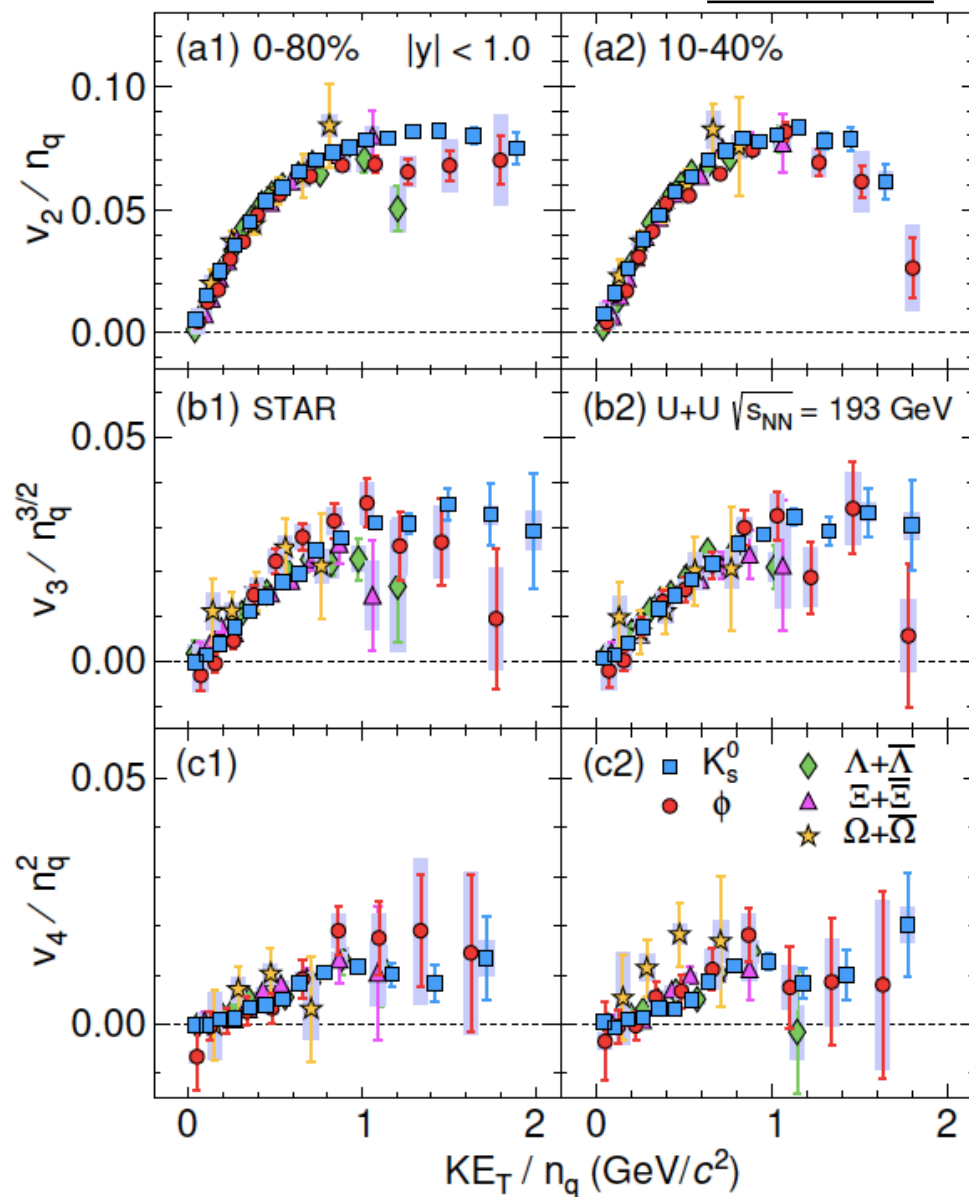
Expand the discussion to beam energy and system-size



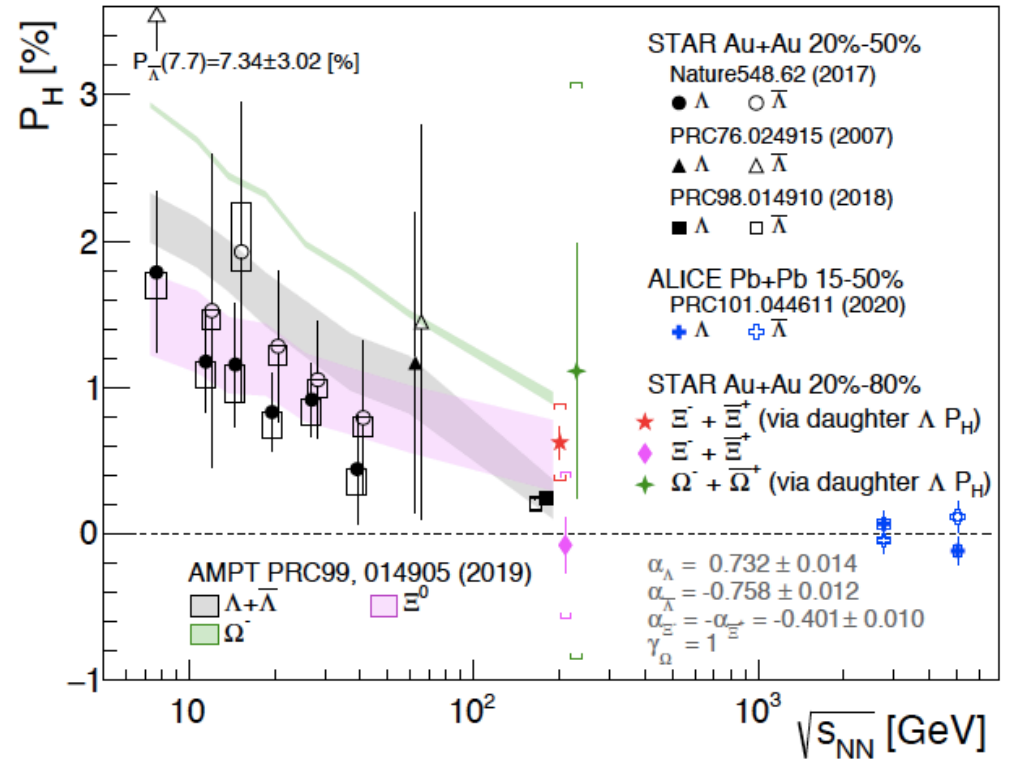
v_n multi-strange hadrons in U+U collisions at RHIC



e-Print: 2103.09451



Global polarization of Ξ and Ω hyperons in Au+Au collisions at 200 GeV





Thank You