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**System Size Dependence of Net-charge and Net-proton Fluctuations From Au+Au and Ru+Ru/Zr+Zr-mixed Collisions at  $\sqrt{s_{NN}} = 200\text{GeV}$  From STAR** ZHENGXI YAN, Central China Normal University — Fluctuations of conserved charges have been extensively studied as sensitive probes to the evolution of heavy-ion collisions. In 2018, the STAR experiment collected large datasets of isobaric collisions of Ru+Ru and Zr+Zr at 200 GeV, which provide an opportunity to study the conserved charge fluctuations with good precision and to compare with similar measurements from the larger Au+Au collision system. The identity of isobar collisions is currently blinded but we can still perform measurements using average of Ru+Ru and Zr+Zr (iso-mixed data). In this talk, we present measurement of cumulants of the net-proton and net-charge multiplicity distribution up to fourth-order from the Ru+Ru and Zr+Zr iso-mixed data. The results are compared with similar results from Au+Au collisions.

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