

**QPT 2021**

*Guiyang, China*

Contribution ID: 102

Type: not specified

## **Light nuclei production in isobaric ${}^{96}_{44}\text{Ru} + {}^{96}_{44}\text{Ru}$ and ${}^{96}_{40}\text{Zr} + {}^{96}_{40}\text{Zr}$ collisions at $\sqrt{s_{NN}} = 7.7 - 200$ GeV from AMPT model**

Light nuclei production in isobars collisions  ${}^{96}_{44}\text{Ru} + {}^{96}_{44}\text{Ru}$  and  ${}^{96}_{40}\text{Zr} + {}^{96}_{40}\text{Zr}$  from 7.7 to 200 GeV is investigated by using the string melting version of A MultiPhase Transport model (AMPT) with a naive coalescence approach. The yield,  $p_T$  spectra, coalescence parameters, and collective flow of d, t,  ${}^3\text{He}$  in isobaric  ${}^{96}_{44}\text{Ru} + {}^{96}_{44}\text{Ru}$  and  ${}^{96}_{40}\text{Zr} + {}^{96}_{40}\text{Zr}$  collisions are predicted. Our results will also discuss the energy dependence of the final state observation on the initial state isospin in isobars collision system.

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