

Contribution ID: 102

Type: not specified

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

Light nuclei production in isobars collisions  ${}^{96}_{44}$ Ru +  ${}^{96}_{44}$ Ru and  ${}^{96}_{40}$ Zr +  ${}^{96}_{40}$ 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<sub>T</sub> spectra, coalescence parameters, and collective flow of d, t, <sup>3</sup>He in isobaric  ${}^{96}_{44}$ Ru +  ${}^{96}_{40}$ Zr and  ${}^{96}_{40}$ 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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