

Abstract Submitted
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Neutron-Proton Transverse Emission Studies as a Signature of the Asymmetry Term of the Nuclear EOS MICHAEL FAMIANO, Western Michigan University, WILLIAM LYNCH, TSANG BETTY, NSCL, LEE SOBOTKA, ROBERT CHARITY, KOMAROV SERGEI, Washington University in St. Louis, ANDREW ROGERS, NSCL — Neutron and proton transverse emission ratios are studied from the reactions $^{124}\text{Sn}+^{124}\text{Sn}$ and $^{112}\text{Sn}+^{112}\text{Sn}$ at 50 MeV/A as a signature of the density dependence of the asymmetry term of the nuclear EOS. Transverse neutron-proton emission ratios are compared to $t/{}^3\text{He}$ ratios in the same framework. Results are compared to predictions from transport calculations, and future experiments are discussed.

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