

# Strange and non-strange particle production in nucleus-nucleus collisions at $E_{\text{kin}} = 0.4 - 2A \text{ GeV}$

SMASH is a new hadronic transport model designed to describe the non-equilibrium evolution of heavy-ion collisions. We briefly introduce the model and show that SMASH reproduces the cross sections and maintains detailed balance. To verify that the dynamics at low energies are modeled correctly, we compare pion and proton spectra to measurements by FOPI and HADES. Furthermore we look at strangeness production in comparison to HADES and KAOS data. Such a hadron transport is also important for the late stages of collisions at RHIC and LHC energies.

## Preferred Track

Collective Dynamics

## Collaboration

Not applicable

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