## HIPSTARS 2024 - Workshop on Heavy Ion Physics and Compact Stars



Contribution ID: 5 Type: Talk

## Deuteron and Cluster Production in Heavy Ion collisions

We present results on the production of light clusters in heavy ion collisions. We show that a coalescence approach yields a good description of the available data over the whole energy range. We extend our analysis to anti-deuterons (currently of interest due to the AMS measurement ni relation to dark matter) and strange hyper-clusters which are relevant for our understanding of the structure of neutron stars.

Author: BLEICHER, Marcus

Presenter: BLEICHER, Marcus