

“Hypernuclei” status

V. Kireyeu

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PHQMD, MST and SACCA in few words

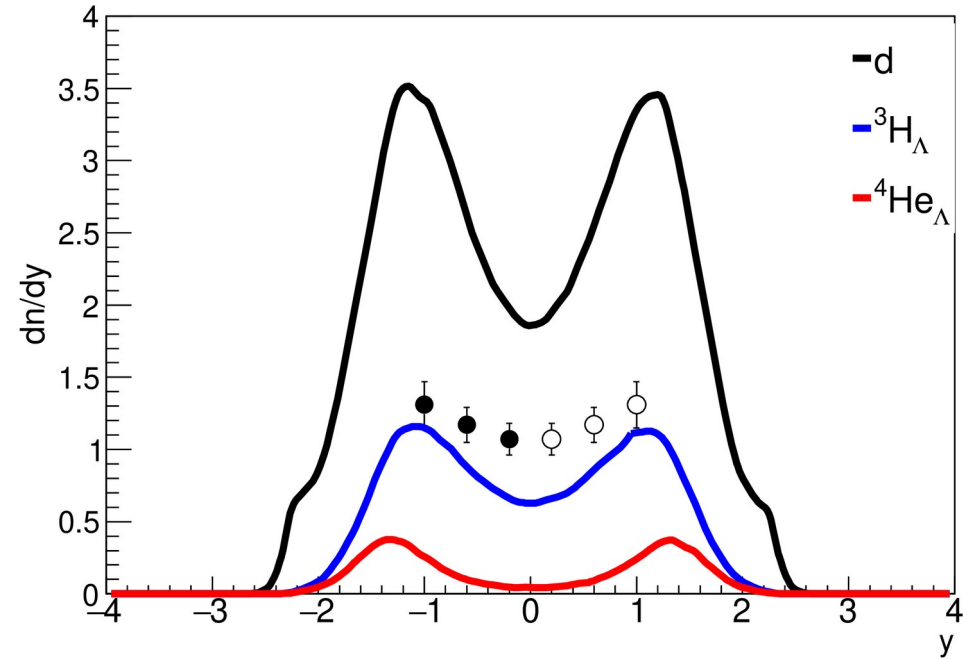
The **Parton-Hadron-Quantum-Molecular Dynamics (PHQMD)** is transport approach is designed to provide a microscopic description of nuclear cluster and hypernucleus formation as well as of general particle production in heavy-ion reactions at relativistic energies. **Clusters are identified by:**

MST: Minimum Spanning Tree = proximity criteria

**SACA: Simulated Annealing Clusterization Algorithm =
= MST + fragments binding energy checks**

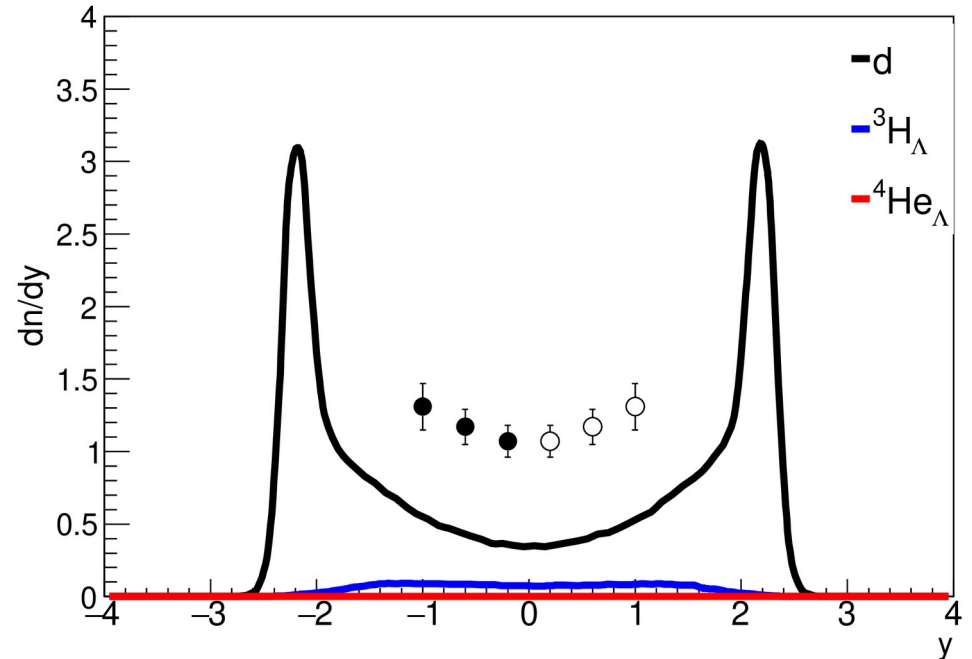
Usage: compiled program

MST



**MST radius a bit high
Can be solved easily**

SACA



No He4L!