

Study of hyperons production and dynamics in heavy ion collisions

Tuesday, 18 October 2022 17:00 (30 minutes)

In this contribution a summary of the highlights of the recent experimental findings on strangeness production and dynamics will be presented.

Results obtained by different experimental collaborations spanning in a large range in centre-of-mass energy and a variety of collision systems will be discussed. The talk does not aim at being a complete review, but rather at connecting the experimental highlights of the different collaborations and at pointing towards questions which should be addressed by these experiments in future.

A comparison of the experimental results with the available theoretical predictions will be also presented and discussed.

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Session Classification: Parallel 2

Track Classification: Baryon resonances in heavy ion collisions and their role in cosmology