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Temperature weighted path lengths in PbPb and isobar collisions

In this talk we will give an overview of temperature-velocity-weighted path lengths in the Trajectum code as traversed by hard probes in PbPb collisions or Ru/Zr and Ne/O isobar collisions. For the latter the number of binary collisions has a strong sensitivity to the neutron skin, which is an interesting observable. For PbPb collisions we elaborate on the difference between in- and out-of-plane hard probes, dijets, and events selected according to their v_2 (event shape engineering).

Category

Theory

Collaboration

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