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Heavy flavored jets with CMS

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The energy loss of jets in heavy-ion collisions is expected to depend on the flavor of the fragmenting parton. Thus, measurements of jet quenching as a function of flavor place powerful constraints on the thermodynamical and transport properties of the hot and dense medium. We present recent result on heavy flavor jet spectra and nuclear modification factors of jets associated to charm and bottom fragmentation in both p-Pb and Pb-Pb collisions. New results based on 5 TeV pp and Pb-Pb data will be presented.

On behalf of collaboration:

CMS

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