

# The role of jet collimation in jet energy loss

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The observation of a significant enhancement of the dijet asymmetry in PbPb collisions as compared to the pp reference case, compounded with the absence of modification of the azimuthal dijet distribution, led us to highlight the importance of medium induced transverse transport of soft quanta as a source of jet energy loss. Here, we extend our analysis and explore the consequences of 'jet collimation' for more differential observables such as, but not restricted to, the dependence of jet energy loss on the leading jet energy as recently studied by CMS.

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