

Medium induced cascades and transverse momentum dependence of gluon distribution

I would like to present recently obtained results for distribution of soft gluons that are produced by hard jet propagating through quark gluon plasma.

The results are based on the papers:

[https://link.springer.com/article/10.1007/JHEP04\(2021\)014](https://link.springer.com/article/10.1007/JHEP04(2021)014)

<https://journals.aps.org/prc/abstract/10.1103/PhysRevC.102.044910>

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