

Kinetic Decoupling of Dark Matter in Effective Theories

Thursday 29 August 2013 17:18 (24 minutes)

I will discuss the kinetic decoupling of dark matter in the framework of effective theories where all interactions with the standard model are parametrized by contact interactions. New effects on the decoupling calculation within standard cosmology have been considered, including pion scattering after the QCD phase transition and loop-induced scattering off of leptons for primarily quark-interacting dark matter.

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