Logarithmic corrections in kinetic reaction transport waves

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In this talk, we will present propagation results in a kinetic reaction-transport equation of monostable type. Earlier result show the existence of traveling wave solutions and their stability. The aim here is to show the occurrence of a logarithmic Bramson correction in the Cauchy problem. This requires hypocoercive estimates on linearized BGK operators in half bounded domains, interesting for themselves. It is noteworthy to observe a reaction diffusion type pattern in a model that describes purely hyperbolic motions.