Abstract Submitted for the DNP15 Meeting of The American Physical Society

Quark distributions at x > 1 NADIA FOMIN, University of Tennessee — Inclusive lepton scattering has been used to measure nuclear structure functions from a Q² of a few to 200 GeV². We have previously used target-mass corrections to remove scaling violations for finite Q², yielding excellent agreement between almost all existing data sets. We will present our recent analysis of nuclear structure functions at high x in terms of QCD and discuss possible sources of remaining disagreement as well as upcoming measurements.

> Nadia Fomin University of Tennessee

Date submitted: 30 Jun 2015

Electronic form version 1.4