## INTERPOLATING MODEL FOR THE PROTON STRUCTURE FUNCTION

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Institut de Physique Nucleaire de Lyon (IN2P3-CNRS et Universite Claude Bernard, F69622 Villeurbanne Cedex, France; E-mail: desgrolard@ipnl.in2p3.fr), <sup>1</sup>Bogolyubov Institute for Theoretical Physics, Nat. Acad. of Sci. of Ukraine (Kyiv 143, Ukraine; E-mail: jenk@bitp.kiev.ua), <sup>2</sup>Dipartimento di Fisica, Universita di Padova, Instituto Nazionale di Fisica Nucleare (Sezione di Padova, via F. Marzolo, I-35131 Padova, Italy; E-mail: paccanoni@pd.infn.it) We suggest a formula interpolating between the known asymptopic (small and large  $Q^2$ ) regimes of the BFKL equation as an approximate solution of that equation. The parameters appearing in this interpolation are fitted to the data on deep inelastic scattering in a wide range of

kinematic variables. Care is taken of the large-x domain as well, outside the HERA kinematical region. The boundaries and interface between various dynamical regimes are also studied.