"WG5: Hadron-quark Transition and Nuclear Dynamics at Extreme Conditions" Discussion

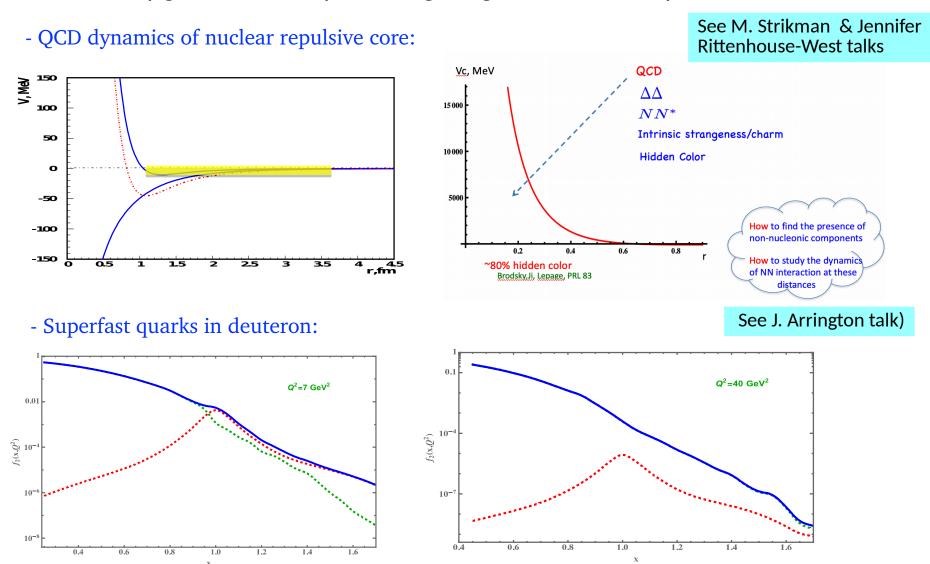
Science at the Luminosity Frontier: Jefferson Lab at 22 GeV Workshop January 25th, 2022

Lamiaa El Fassi and Misak Sargasian

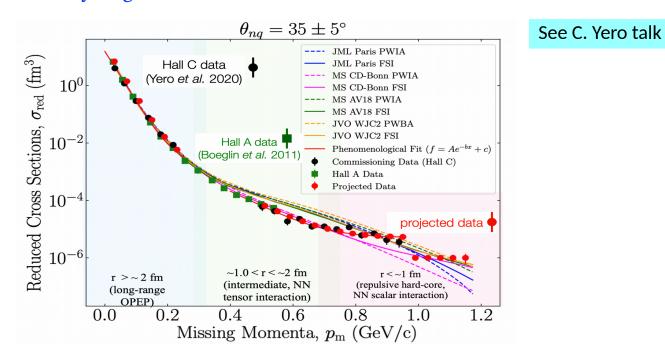




How the upgrade can help investigating the nuclear repulsive core?

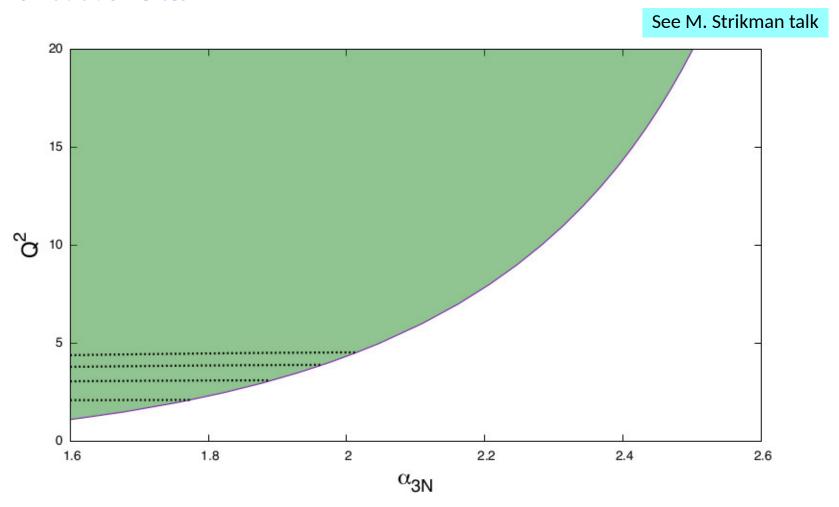


- How the upgrade can help investigating the nuclear repulsive core?
 - Deuteron at extremely large internal momenta:



How the upgrade can help investigating the nuclear repulsive core?

- A > 3 Nuclei: 3N SRCs



Which role the upgrade will play in resolving the Color Transparency controversy between meson and baryon sectors?

See G. Miller & H. Vance-Schmilla talks

How the spectator tagging in JLab22 can access medium modifications and nuclear effects on quarks and gluons distributions?

See W. Armstrong, T. Kutz, and M. Yurov talks

What is the impact of the upgrade on accessing the anti-shadowing region and related medium modifications extended to the EMC region?

See W. Brooks, S. Liuti, G. Miller, and Z. Ye talks

How the 22 GeV upgrade would help improve our understanding about SIDIS production in Nuclei?

See S. Paul talk