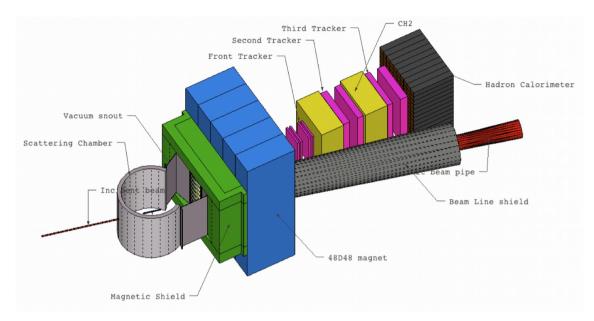
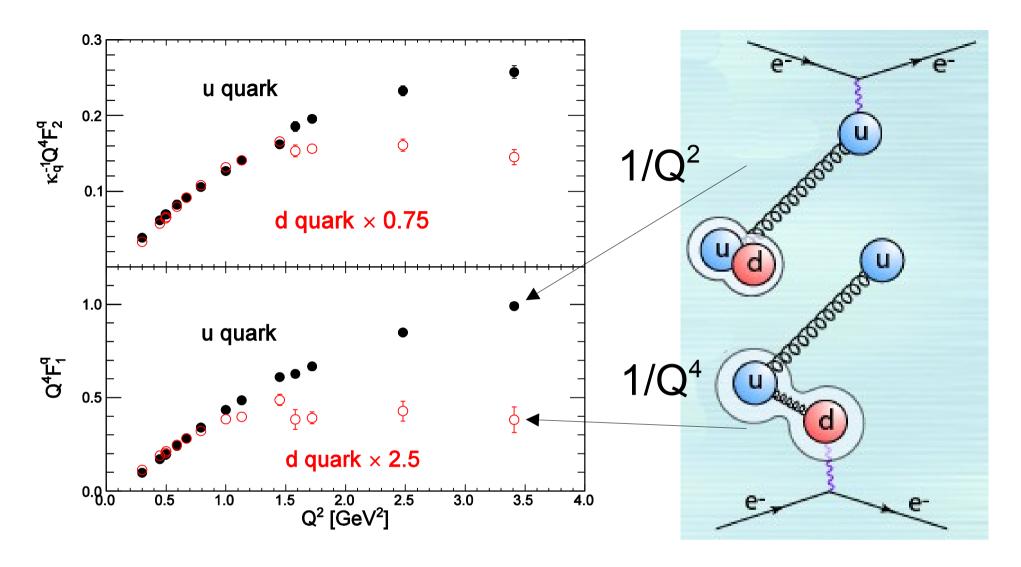
## E12-07-109 (Hall A. SBS) μ<mark>οΕ</mark>/Gμ $\propto \ln^2(Q^2/\Lambda^2)/Q^2$ , $\Lambda = 300 \text{ MeV}$ 15 Q<sup>2</sup> [GeV<sup>2</sup>] E12-09-016 (Hall A, SBS) MD - Lomon (2005) ր,⊊ը′/ဌո DSE q(qq) - Roberts (2010) $F_2/F_1 \propto \ln^2(Q^2/\Lambda^2)/Q^2$ , $\Lambda = 300 \text{ MeV}$ 10 12 14 16 18 20 Q<sup>2</sup> [GeV<sup>2</sup>] 0.6 E12-09-019 (Hall A, \$BS) Q<sup>2</sup> [GeV<sup>2</sup>]

## Super Bigbite Program at Jefferson Lab High Momentum Transfer Nucleon Form Factors



- DOE Project in JLab Hall A begun in 2013
- Measurements expected to begin as early as 2017
- All form factors will be completed to
- $Q^2 = 10 \text{ GeV}^2$  with high precision
- Allows for flavor decomposition and QCD model tests



- Flavor decomposition of nucleon FFs reveal new features
- How and when Q2 scaling occurs is an important question for QCD