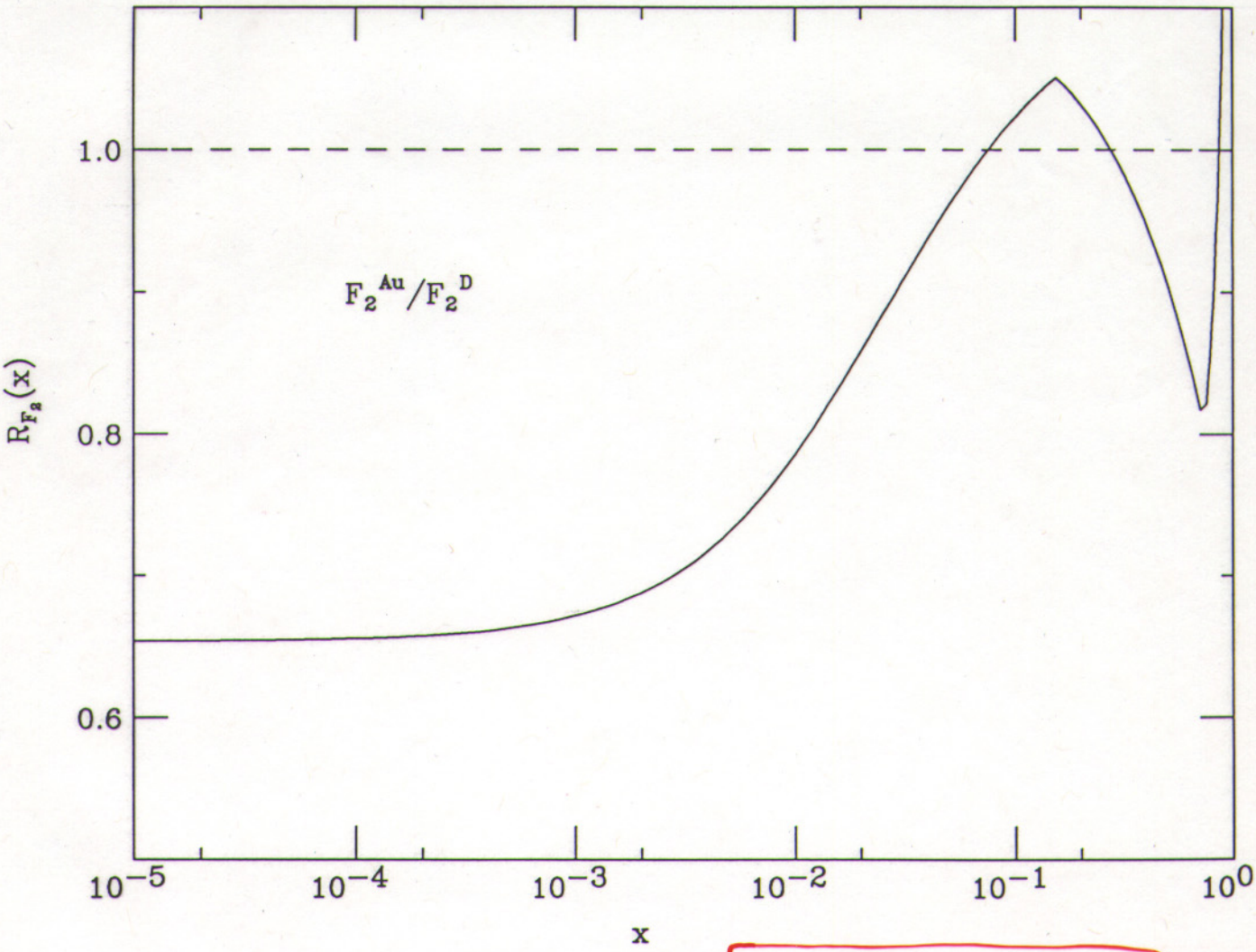
Medium Modifications of Nuclear Parton Densities

$$R_{F_2}(x) = \begin{cases} R_s \dfrac{1 + 0.0134\,(1/x - 1/x_{sh})}{1 + 0.0127\,A^{0.1}\,(1/x - 1/x_{sh})} & x < x_{sh} = 0.15 \\[2ex] a_{emc} - b_{emc}\,x & x_{sh} < x < x_{fermi} = 0.742 \\[2ex] R_f \left(\dfrac{1 - x_{fermi}}{1 - x} \right)^{0.321} & x_{fermi} < x < 1 \end{cases}$$



fit from HPC
- no evolution
- R same for $q, \bar{q}, g$