

# Electron Scattering Experiments

Wouter Deconinck

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WILLIAM & MARY

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# Outline

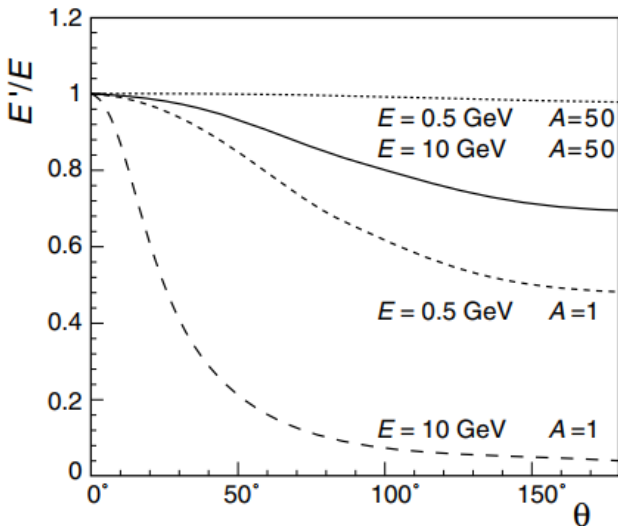
Lecture 1-2: Unpolarized Electron Scattering

Lecture 3-4: Polarized Electron Scattering and the Spin Puzzle

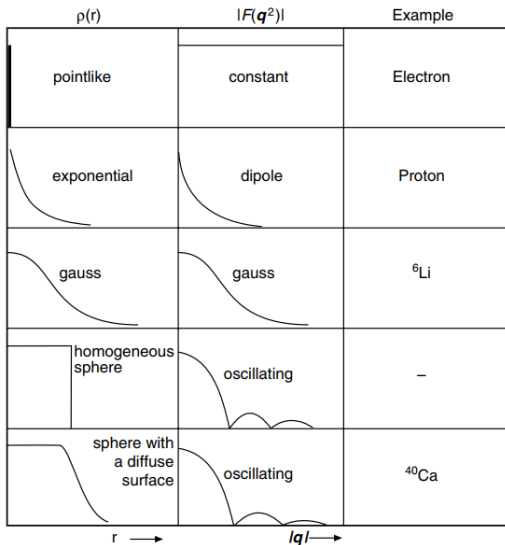
Lecture 5-6: Fundamental Symmetries in Electron Scattering

# Unpolarized Electron Scattering I

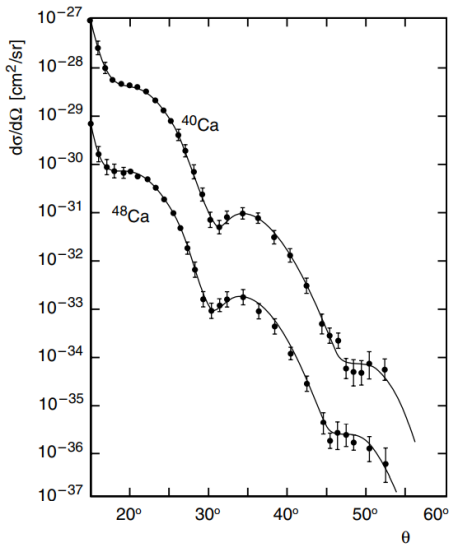
# Unpolarized Electron Scattering II



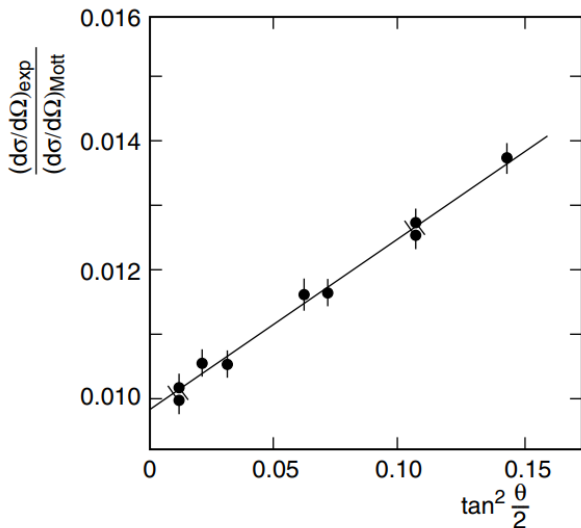
# Unpolarized Electron Scattering III



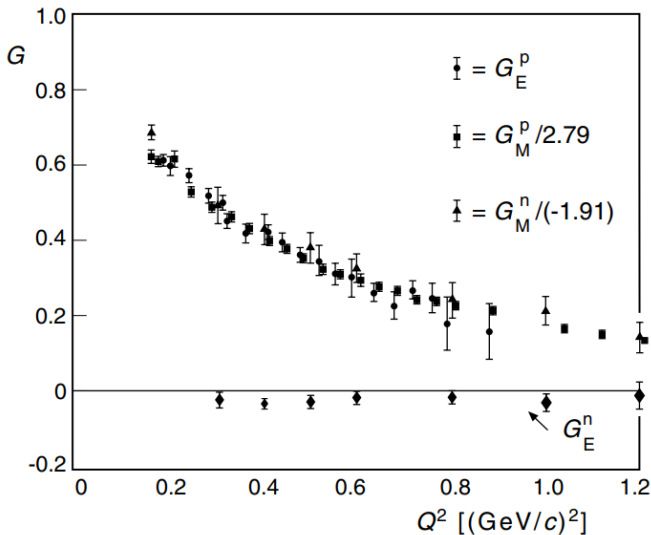
# Unpolarized Electron Scattering IV



# Unpolarized Electron Scattering V

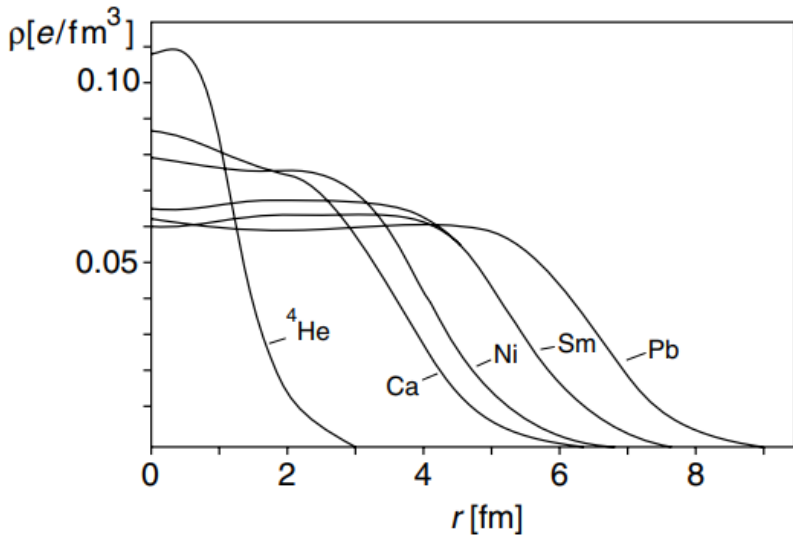


# Unpolarized Electron Scattering VI

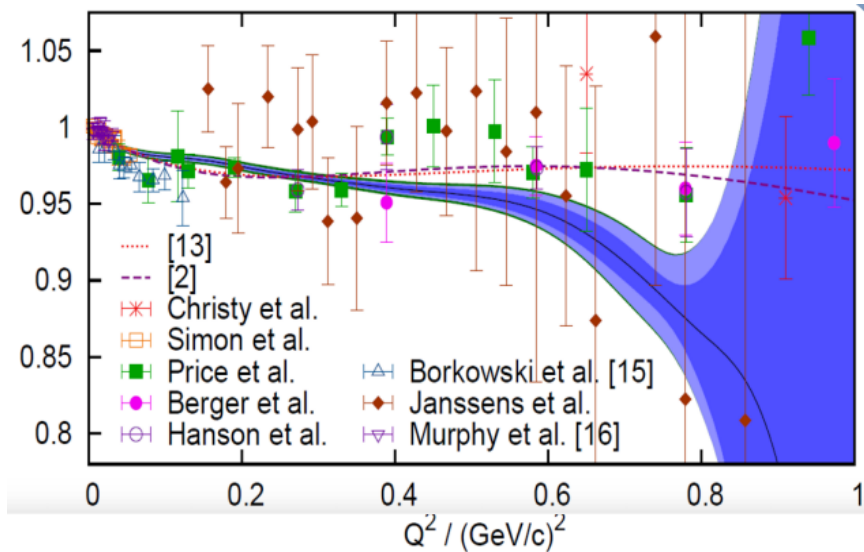




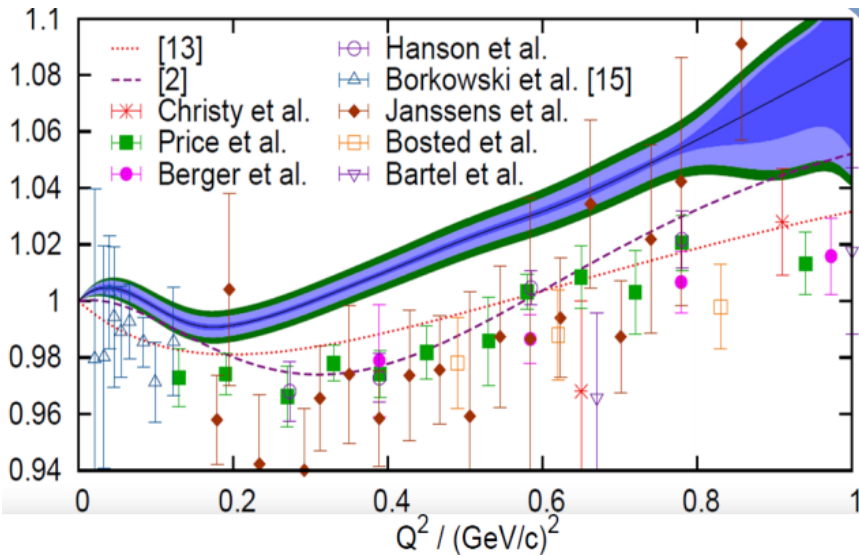
# Unpolarized Electron Scattering VII



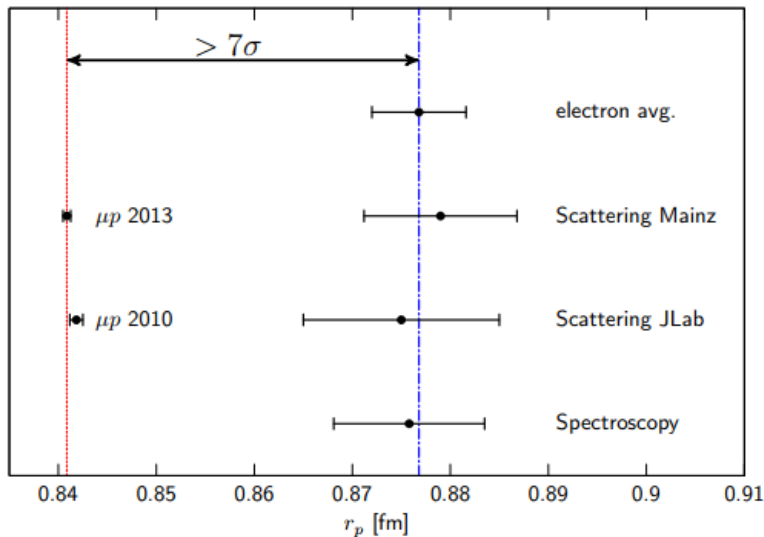
# Unpolarized Electron Scattering VIII



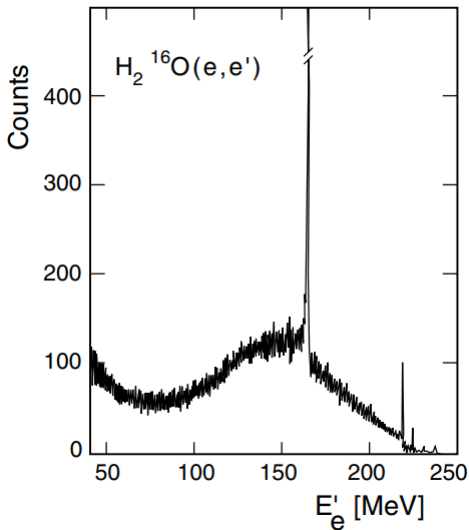
# Unpolarized Electron Scattering IX



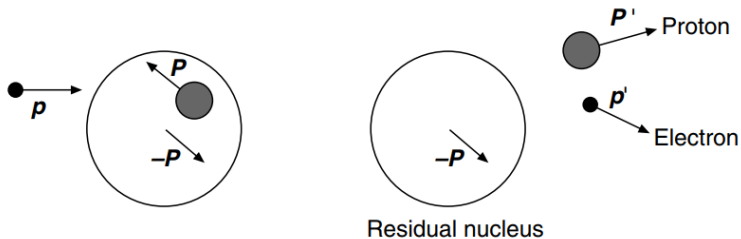
# Unpolarized Electron Scattering X



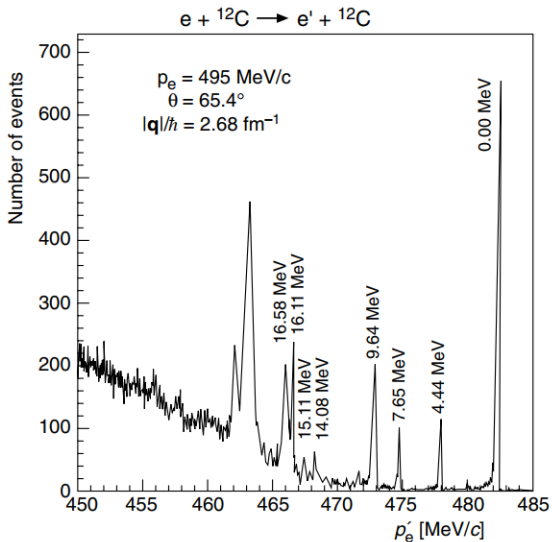
# Unpolarized Electron Scattering XI



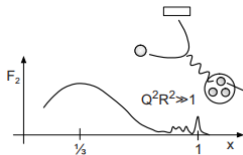
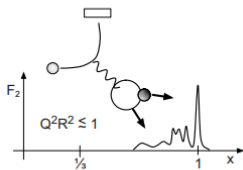
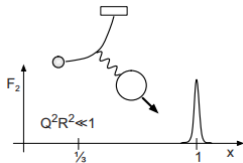
# Unpolarized Electron Scattering XII



# Unpolarized Electron Scattering XIII

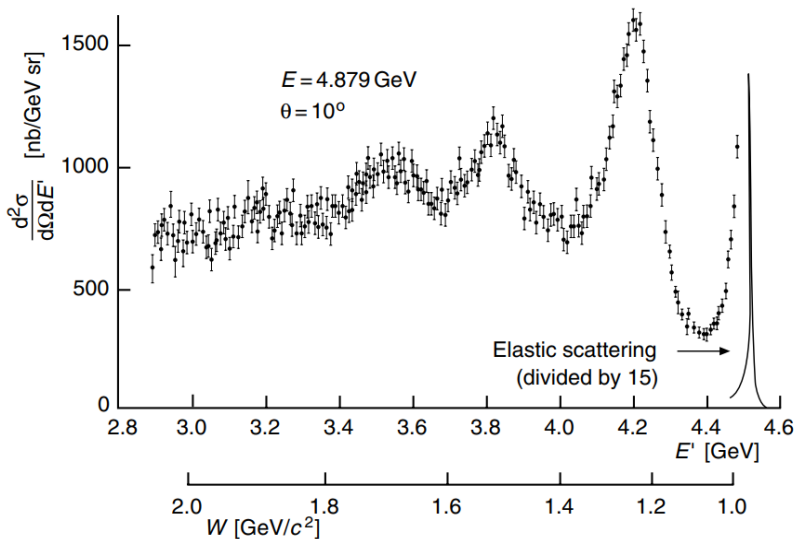


# Unpolarized Electron Scattering XIV

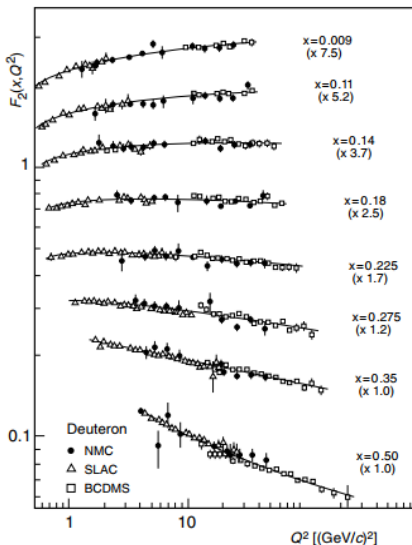
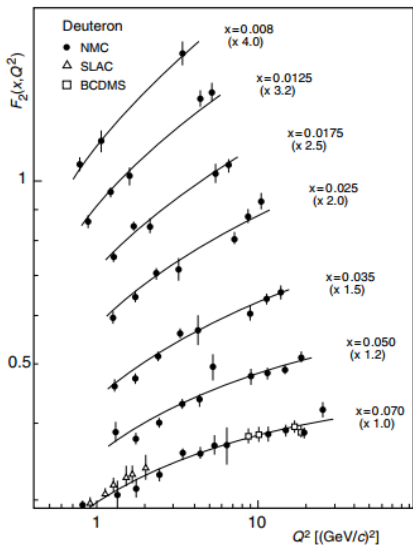




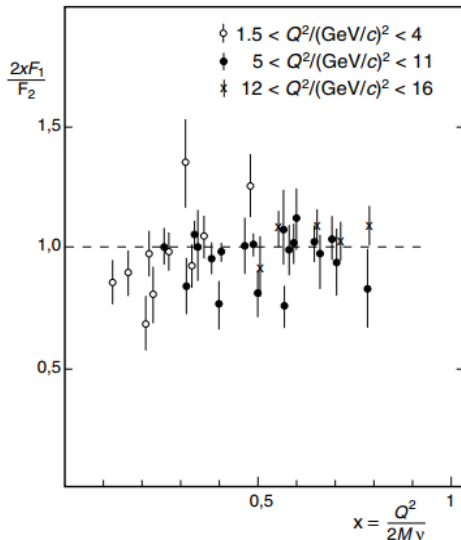
# Unpolarized Electron Scattering XV



# Unpolarized Electron Scattering XVI

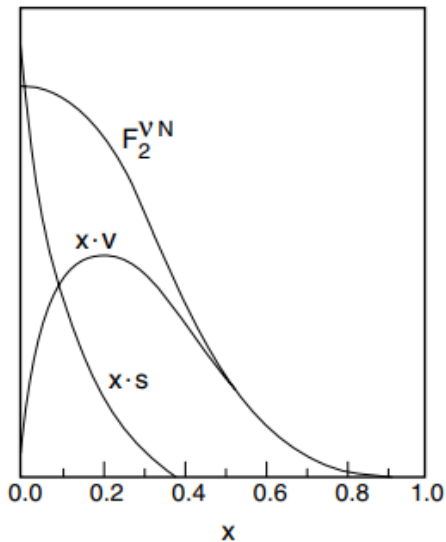


# Unpolarized Electron Scattering XVII



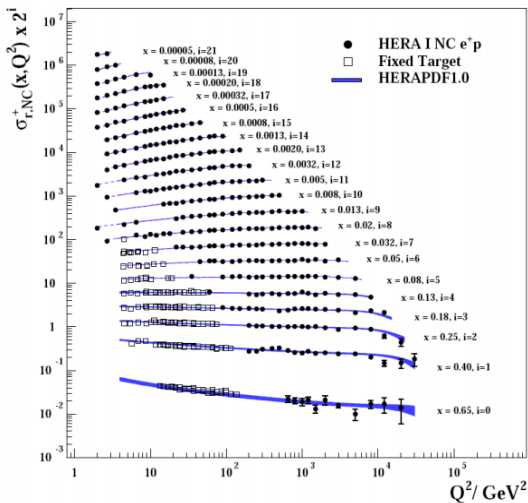
# Polarized Electron Scattering I

# Polarized Electron Scattering II

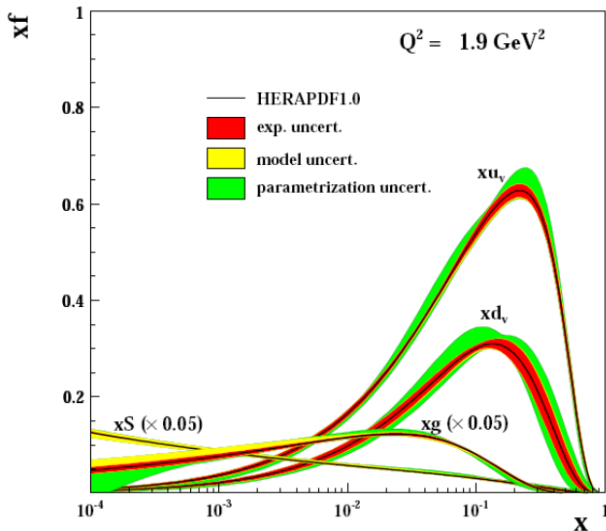


# Polarized Electron Scattering III

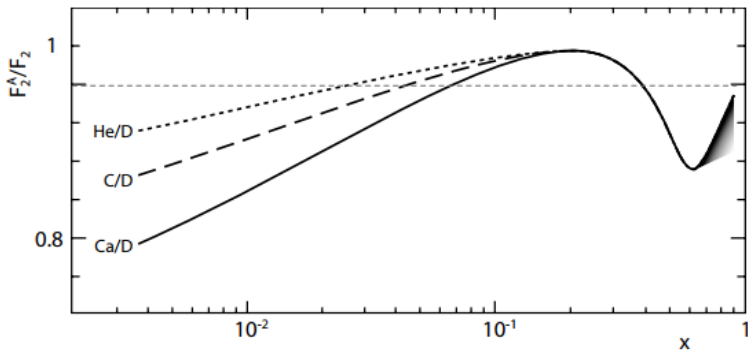
H1 and ZEUS



# Polarized Electron Scattering IV



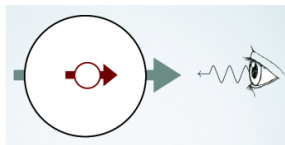
# Polarized Electron Scattering V



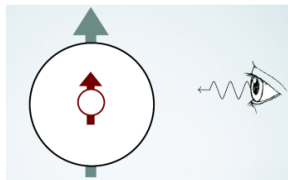


# Polarized Electron Scattering VI

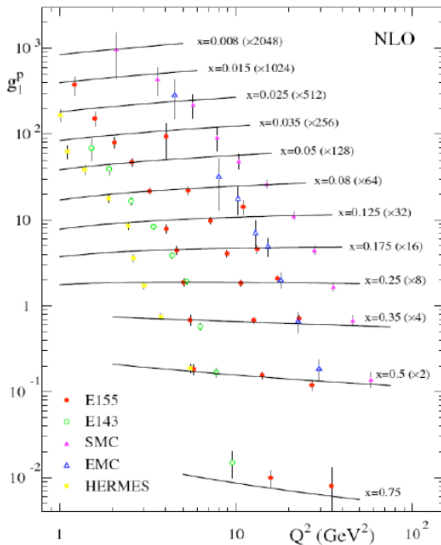
Helicity distribution



Transversity distribution



# Polarized Electron Scattering VII



# Fundamental Symmetries I

# Fundamental Symmetries II

