

Initialisation

Input Data

Data Type

- Collider ep
- Collider pp, ppbar
- Fixed Target data

Theory Predictions

Factorisation Theorem

- PDF Parametrisation
- QCD Evolution (QCDNUM)
- Cross Section Calculation

Minimisation (MINUIT)

Treatment of the uncertainties:

- Nuisance parameters
- Covariance Matrix
- Monte Carlo method

Results

- PDF LHgrids
- α_s , mc, ..
- Data vs Predictions
- χ^2 , pulls, shifts

