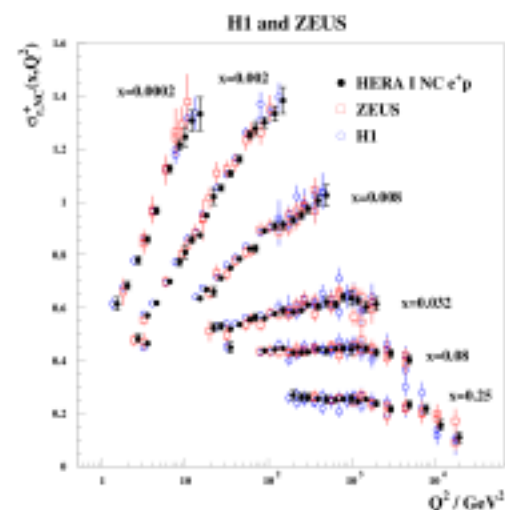**experimental data**

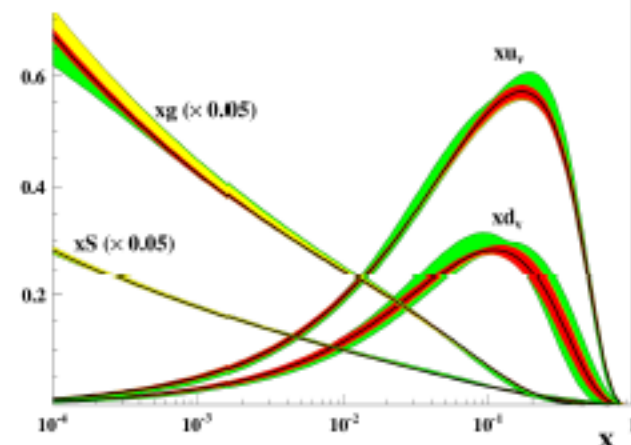**Data:** HERA, Tevatron, LHC, fixed target experiments

Processes:
Inclusive DIS, Jets, Diffraction
Drell-Yan, Top production
W and Z production

theory calculations

Heavy Flavour schemes: MSTW, CTEQ, ABM
Jets, W, Z: FastNLO, Applgrid
Top: Hathor
Evolution: QCDNUM, k_T scheme
Other: NNPDF reweighing
Dipole model

HERAFitter

Parton Density Functions (PDF, DPDF, uPDFS)

$\alpha_s(M_Z)$, m_c, m_b, m_t ...

Theoretical cross sections

Comparisons to other PDFs (lhapdf)