Figure 7: F2 is shown in dependence of x for fixed Q^2 values with its total errors. Comparison of the F2 radiative measurements of 1996 (open red circles) and 1997 (full red bullets). The measurements are compared with the ALLM97 (solid black curve) parametrization, which is based on reggee phenomenology and with the NLO QCD fit of H1 (dashed blue curve), which was achieved by fitting the non–radiative H1 F2 '9697 from $Q^2_{MIN} = 3.5\,\mathrm{GeV}^2$ onwards.

Figure 8: F2 in dependence of x for fixed Q^2 values with its total error. Shown is the comparison of the H1 F2 radiative measurement (red circles: H1 radiative '96; red bullets: H1 radiative '97) with the non–radiative F2 measurements of H1 '9697 (blue bullets) and ZEUS BPT (green bullets). The measurements are compared with the ALLM97 (solid black curve) parametrization, which is based on reggee phenomenology and with the NLO QCD fit of H1 (dashed blue curve), which was achieved by fitting the non–radiative H1 F2 '9697 from $Q^2_{MIN} = 3.5\,\mathrm{GeV}^2$ onwards.

Figure 9: Shown is the comparison of the H1 F2 radiative measurement (red circles: H1 radiative '96; red bullets: H1 radiative '97) with the non–radiative F2 measurements of H1 '9697 (blue bullets), the F2 shifted vertex '95 (blue circles) and ZEUS BPT (green bullets). F2 is shown in dependence of x for fixed Q^2 values. The measurements are compared with the ALLM97 (solid black curve) parametrization, which is based on reggee phenomenology and with the NLO QCD fit of H1 (dashed blue curve), which was achieved by fitting the non radiative H1 F2 '9697 from $Q^2_{MIN} = 3.5\,\mathrm{GeV}^2$ onwards.

Figure 10: F2 in dependence of Q^2 for fixed W values. Shown is the comparison of the H1 F2 radiative measurement (red circles: H1 radiative '96; red bullets: H1 radiative '97) with the non–radiative F2 measurements of H1 '9697 (blue bullets) and ZEUS BPT (green bullets). The measurements are compared with the ZEUS reggee fit (solid green curve) and with the NLO QCD fit of H1, which was achieved by fitting the non–radiative H1 F2 '9697 from $Q^2_{MIN} = 3.5\,\mathrm{GeV}^2$ (solid blue curve) onwards.