Figure 1: Hadronic cross sections for 2-jet production as function of the invariant dijet mass M_{JJ} of the two highest E_T jets. The inner error bars denotes the statistical, the outer error bars the quadratic sum of all statistical and systematic errors of the data. The LO predictions using CTEQ5M structure functions for the proton and GRV-HO structure functions for the photon are shown as a dotted line. NLO predictions with the same structure functions are shown as a dashed line. NLO predictions with hadronization corrections are shown as a full line, the grey band indicates the renormalization and factorization scale uncertainties of the NLO prediction.

Figure 2: Hadronic cross sections for 2-jet production as function of the E_T of the highest E_T jet $E_{T,Max}$. The inner error bars denotes the statistical, the outer error bars the quadratic sum of all statistical and systematic errors of the data. The LO predictions using CTEQ5M structure functions for the proton and GRV-HO structure functions for the photon are shown as a dotted line. NLO predictions with the same structure functions are shown as a dashed line. NLO predictions with hadronization corrections are shown as a full line, the grey band indicates the renormalization and factorization scale uncertainties of the NLO prediction.

Figure 3: Hadronic cross sections for 2-jet production as function of the $\overline{\eta}$ of the two highest E_T jets. The upper plots shows the low y and the lower plots the high y region. The left plots show the low $E_{T,max}$ and the right plots the high $E_{T,max}$ region. The inner error bars denotes the statistical, the outer error bars the quadratic sum of all statistical and systematic errors of the data. NLO predictions using CTEQ5M structure functions for the proton and GRV-HO structure functions for the photon are shown as a dashed line. NLO predictions with hadronization corrections are shown as a full line, the grey band indicates the renormalization and factorization scale uncertainties of the NLO prediction.

Figure 4: Hadronic cross sections for 2-jet production as function of x_γ (upper plots) and x_P (lower plots). The upper left plot shows the cross sections as a function of x_γ for the lower x_P region, the upper right plot for the higher x_P region. The lower right plot shows the cross sections as a function of x_P for the higher x_γ region, the lower left plot for the lower x_γ region. The inner error bars denotes the statistical, the outer error bars the quadratic sum of all statistical and systematic errors of the data. The NLO predictions using CTEQ5M structure functions for the proton and GRV-HO structure functions for the photon are shown as a dashed line. NLO predictions with hadronization corrections are shown as a full line, the grey band indicates the renormalization and factorization scale uncertainties of the NLO prediction.

Figure 5: Hadronic cross sections for 2-jet production as function of x_γ. The left plots shows the cross sections for the lower $E_{T,max}$ region, the right plots for the higher $E_{T,max}$ region. The inner error bars denotes the statistical, the outer error bars the quadratic sum of all statistical and systematic errors of the data. The NLO predictions using CTEQ5M structure functions for the proton and GRV-HO structure functions for the photon and including hadronization corrections are shown as a full line. NLO predictions using AFG-HO and GSG-HO parametrizations of the photon structure functions and including hadronization corrections are shown as dashed (AFG) and dotted (GSG) line.

Figure 6: Hadronic cross sections for 2-jet production as function of x_γ. The left plots shows the cross sections for the lower $E_{T,max}$ region, the right plots for the higher $E_{T,max}$ region. The inner error bars denotes the statistical, the outer error bars the quadratic sum of all statistical and systematic errors of the data. The NLO predictions using CTEQ5M structure functions for the proton and GRV-HO structure functions for the photon are shown as a dashed line. NLO predictions with hadronization corrections are shown as a full line, the grey band indicates the renormalization and factorization scale uncertainties of the NLO prediction.

Figure 7: The relative difference of the 2-jet cross sections as a function of x_γ to the NLO prediction with hadronization corrections using CTEQ5M structure functions for the proton and GRV-HO structure functions for the photon. The Data is shown as points. The inner error bars denotes the statistical, the outer error bars the quadratic sum of all statistical and of the uncorrelated systematic errors of the data. The correlated systematic errors are shown in the middle two plots as a shaded band. The grey band (two lower plots) shows the renormalization and factorization scale uncertainties of this NLO prediction.

Figure 8: Hadronic cross sections for 2-jet production as function of x_γ (upper plots). The inner error bars denotes the statistical, the outer error bars the quadratic sum of all statistical and systematic (correlated and uncorrelated) errors of the data. The NLO predictions using CTEQ5M structure functions for the proton and GRV-HO structure functions for the photon are shown as a dashed line. NLO predictions with hadronization corrections are shown as a full line. The middle plot shows the relative difference of the 2-jet cross sections to the NLO prediction with hadronization corrections using CTEQ5M structure functions for the proton and GRV-HO structure functions for the photon. Here the inner error bars denotes the statistical, the outer error bars the quadratic sum of all statistical and uncorrelated errors of the data. The Data is shown as points. The correlated systematic errors are shown below as a shaded band. The lowest plots show the renormalization and factorization scale uncertainties of the NLO prediction.

Figure 9: Hadronic cross sections for 2-jet production as function of $\cos\theta^*$. The left plots shows the cross sections for the higher x_γ region, the right plots for the lower x_γ region. The lower two plot shows the cross sections for an additional cut on the invariant mass of the dijet system. The inner error bars denotes the statistical, the outer error bars the quadratic sum of all statistical and systematic errors of the data. The NLO predictions using CTEQ5M structure functions for the proton and GRV-HO structure functions for the photon are shown as a dashed line. NLO predictions with hadronization corrections are shown as a full line, the grey band indicates the renormalization and factorization scale uncertainties of the NLO prediction.