

Inelastic J/psi production at HERA

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Inelastic Photo-production of J/Psi mesons is studied in ep-scattering at HERA. The J/psi decay angular distributions have been measured with the ZEUS detector, using an integrated luminosity of 468 pb^{-1} . The range in photon-proton centre-of-mass energy, W , was $50 < W < 180 \text{ GeV}$. The polar and azimuthal angles of the μ^+ were measured in the J/psi rest frame and compared to theoretical predictions at leading and next-to-leading order in QCD.

Single differential and double differential cross sections are measured with the H1 detector, using the data taken in the years 2006 and 2007 and corresponding to an integrated luminosity of approximately 166 pb^{-1} . Precision and purity are increased compared to previous analyses. The results are compared to theoretical predictions.

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