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## Combination of beauty and charm production cross section measurements in deep inelastic $ep$ scattering at HERA

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Measurements of open beauty and charm production cross sections in deep inelastic  $ep$  scattering at HERA from the H1 and ZEUS Collaborations are combined. Reduced cross sections for beauty and charm production are obtained in the kinematic range of photon virtuality  $2.5 \leq Q^2 \leq 2000 \text{ GeV}^2$  and Bjorken scaling variable  $3 \cdot 10^{-5} \leq x \leq 5 \cdot 10^{-2}$ . The combination method accounts for the correlations of the systematic uncertainties among the different data sets. The combined data are compared to perturbative QCD predictions.

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**Session Classification:** WG1 and WG5 joint session

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