

Anmeldung zur Frühjahrstagung der
Deutschen Physikalischen Gesellschaft
vom 04.03. bis 09.03.2005
in berlinhkt

Deep Inelastic Scattering (DIS) Crosssection Measurement at HERAII — ●SHIRAZ HABIB — Deutsche Elektronen-Synchrotron DESY, Notkestrasse 85, 22607 Hamburg.

At HERAII, electron-proton collisions with a centre of mass energy of $\sqrt{s} \approx 319$ GeV are studied. The interactions are observed using the H1 detector. An analysis of data collected from H1 for the years 2003 onwards is performed.

Measurements of the single and double differential DIS crosssections are made both for neutral current and charged current interactions over a kinematic range of four-momentum transfer squared $Q^2 > 100$ GeV². The method used as well as results obtained are presented.

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