

DIS Charged Current Interactions in e+p data At ZEUS

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ZEUS is a multi-purpose detector located on the electron-proton HERA collider. Since an upgrade to HERA in 2000, the lepton beams may be longitudinally polarised. This allows tests of the chiral nature of the Standard Model to be undertaken. Of particular interest is the charged current cross-section, which the Standard Model tells us depends on the polarisation of the incoming lepton. Results will be shown for positron-proton collisions at a centre-of-mass energy of 318 GeV, based on an data sample with total integrated luminosity of 133.6 pb⁻¹

Author: OLIVER, Katie (University of Oxford)

Presenter: OLIVER, Katie (University of Oxford)

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