



Contribution ID: 54

Type: **Talk in Parallel Session at DIS2013**

Diffractive dijet photoproduction in ep collisions with a leading proton at HERA.

Thursday, 25 April 2013 09:50 (20 minutes)

The cross section of diffractive photoproduction processes $e+p \rightarrow eXp$ is measured, where the system X contains at least 2 jets and the proton is tagged in the Very Forward Proton Spectrometer (VFPS) of the H1 detector. The measurement is performed for untagged photoproduction with $Q^2 < 2 \text{ GeV}^2$ in photon virtuality. The results are compared to next-to-leading order QCD calculations based on diffractive parton distribution functions extracted from measurements of inclusive cross sections in diffractive deep-inelastic scattering.

Primary author: ZLEBICKI, Radek

Presenter: ZLEBICKI, Radek

Session Classification: WG2/4: Diffraction and QCD

Track Classification: Small-x, Diffraction and Vector Mesons