

Diffractive high t photons at H1

Diffractive scattering of photons with large momentum transfer is measured for the first time at HERA, with the H1 detector. Cross-sections are presented as a function of W , the photon-proton centre of mass energies, and t , the square of the four-momentum transferred at the proton vertex. Results are compared to a model based on pQCD using LLA approximation of the BFKL evolution.

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Track Classification: Diffraction and Vector Mesons