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Measurement of the Baryon-Antibaryon Asymmetry in Photoproduction at HERA

H1 Collaboration, DESY

Results are given for the inclusive photoproduction of protons and antiprotons measured with the H1 detector in ep collisions at HERA. The particle identification is based on dE/dx measurement. A non-vanishing baryon asymmetry has been observed in the photon hemisphere. The baryon asymmetry is studied as a function of a charged particle multiplicity.