## **ICHEP 2010**



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## W/Z production at HERA

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A search for events containing an isolated electron or muon and missing transverse momentum produced in e±p collisions is performed with the H1 and ZEUS detectors at HERA. The data were taken in the period 1994-2007 and correspond to an integrated luminosity of 0.98 fb-1. The total single W boson production cross section is measured as  $1.06 \pm 0.16$  (stat.)  $\pm 0.07$  (sys.) pb, in agreement with a SM expectation of  $1.26 \pm 0.19$  pb. The production of Z0 bosons in ep collisions at HERA has been searched for and the resulting di-jet invariant mass distribution is presented for the selected event topologies.

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