Search for events with high P_T leptons and P_T^{miss}

H1 Collaboration

Selection:

$P_T^{calo} > 25$ GeV

$P_T^{track} > 10$ GeV

isolated track:

distance to closest track $D_{track} > 0.5$

distance to closest jet $D_{jet} > 1.0$

data	$e^+ p$ at $\sqrt{s}$=300 GeV 36.5 pb^{-1} 1994-97 published	$e^- p$ at $\sqrt{s}$=320 GeV 5.1 pb^{-1} 1998-99 PRELIMINARY
e chan.	N_{data} = 1 N_{SM} = 2.4$\pm$0.5 (1.7 $\pm$0.5 from W)	N_{data} = 0 N_{SM} = 0.37$\pm$0.07 (0.23$\pm$0.07 from W)
μ chan.	N_{data} = 5 N_{SM} = 0.8$\pm$0.2 (0.5$\pm$0.1 from W)	N_{data} = 0 N_{SM} = 0.14$\pm$0.04 (0.09$\pm$0.02 from W)