

Search for New Phenomena in final states with leptons, photons, MET

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The high-mass spectrum of lepton and photon pairs is sensitive to a broad array of new physics. Examples are searches for extra dimensions in different models in the dielectron, dimuon, and diphoton channels, photon + missing transverse energy and Z' bosons with Standard-Model-like couplings to fermions as well as in a variety of GUT-inspired models. In addition, the data sample can be searched for a W' boson. We report on the latest results in those searches obtained by the D0 experiment at the Tevatron.

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