

Model Independent Search for New Physics in Leptonic Final States with the D0 Detector

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We present the results of a broad search for indications of new physics at the electroweak scale. We examine an exposure of 1 fb^{-1} to $p\bar{p}$ interactions at the Fermilab Tevatron at $\sqrt{s}=1.96 \text{ TeV}$ collected by the D0 detector. We concentrate on final states involving leptons, but the searches are done in a model independent way. We analyze the data for deviations from the predictions of the standard model, rather than focusing on specific new-physics predictions of alternative models.

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