

Search for high mass dielectron resonances at ATLAS

We present a search for high mass dielectron resonances using 7 TeV pp collisions recorded by the ATLAS detector in 2011. The reconstructed invariant mass spectrum is compared to standard model expectations. Possible signals include heavy neutral gauge bosons and the Randall-Sundrum graviton. In the absence of a signal we set exclusion limits for various models using a Bayesian approach.

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