

Properties of the top quark

More than a decade after its discovery we are still trying to find out more about the nature of the top quark. The current statistics of the Tevatron allow us to make stringent tests. In this talk we will present state of the art measurements of top quark properties. By studying rates and distributions sensitive to the production and decay mechanisms of top quarks, we can search for contamination from non-standard model particles, or subtle differences in the electroweak or strong interactions that govern top quark interactions. We will present the most recent and precise measurements of the properties of the top quark such charge, lifetime, width, and more done by the CDF experiment at Fermilab.

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