

Search for Anomalous Top Quark Couplings with the D0 Detector

Anomalous Wtb couplings modify the angular correlations of the top quark decay products and change the single top quark production cross section.

We present limits on anomalous top quark couplings by combining information from W boson helicity measurements in top quark decays and anomalous coupling searches in the single top quark final state.

We set limits on right-handed vector couplings as well as left-handed and right-handed tensor couplings based on data collected by the D0 experiment.

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