

Measurements of rare top production and their BSM interpretations

The study of rare top quark production modes opens the gate to a number of new physics models that introduce large contributions to them. As an example, the production of four top quarks could be affected by the direct or indirect production of top-philic heavy resonances or be modified by anomalous Yukawa interactions between the top quark and the Higgs boson. A set of measurements is presented searching for rare top quark production and for new physics effects enhancing rare top quark processes.

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