

Abstract Submitted
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Comparison of Top-Antitop Cross Section Measurement Analyses by SHyFT and Simple Counting Method ERIN CHAMBERS, PAUL SHELTON, CMS COLLABORATION — Analysis of top events at the CMS (Compact Muon Solenoid) experiment is tested by subjecting a single dataset to both the simple counting method and the newer Simultaneous Heavy Flavor and Top (SHyFT) cross section measurement. Respective statistical and systematic errors associated with the data are then compared. The results of the SHyFT analysis have much smaller overall uncertainties.

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