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Erratum: search for new physics in events with same-sign dileptons and b jets in pp collisions at $\sqrt{s} = 8 \text{ TeV}$

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Due to a computational error, the bottom right plot in figure 1 of the original paper was incorrect. The corrected figure is shown here (the top central and the bottom left plots are unchanged). This error does not affect the conclusion of the paper.

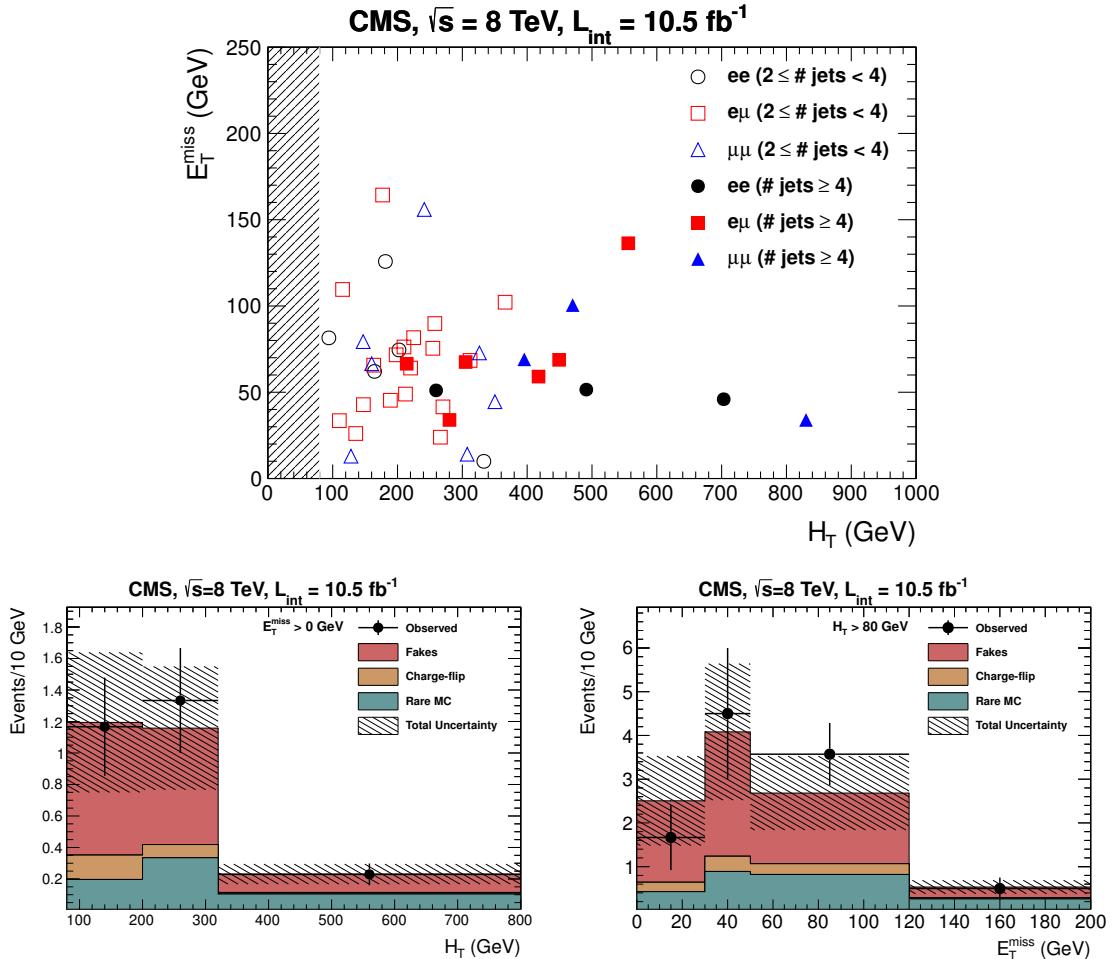


Figure 1. Top plot: distribution of E_T^{miss} versus H_T for the 43 events in the most inclusive signal region (SR0). Note that the ≥ 2 jets requirement in SR0 implies $H_T > 80 \text{ GeV}$. Bottom-left plot: projection of the top plot on the H_T axis. Bottom-right plot: projection of the top plot on the E_T^{miss} axis. For the one-dimensional distributions, the number of events in each bin is scaled appropriately to reflect units of events per 10 GeV and is compared with the background predictions, with their uncertainties. The binning of the one-dimensional distributions is chosen to match the E_T^{miss} and H_T boundaries of the different signal regions.

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