CMS, $L = 19.6 \text{ fb}^{-1}$, $\sqrt{s} = 8 \text{ TeV}$

10% Width Assumption

- Black line: Expected (95% Bayesian)
- Red line: Observed (95% Bayesian)
- Blue dotted line: $Z'$ 10.0% width, Harris et al (x1.3)
- Gray shaded area: ± 1 s.d. Expected
- Dark gray shaded area: ± 2 s.d. Expected

Upper Limit $\sigma_{Z'} B [\text{pb}]$

$t\bar{t}$ Invariant Mass [$\text{GeV}/c^2$]