

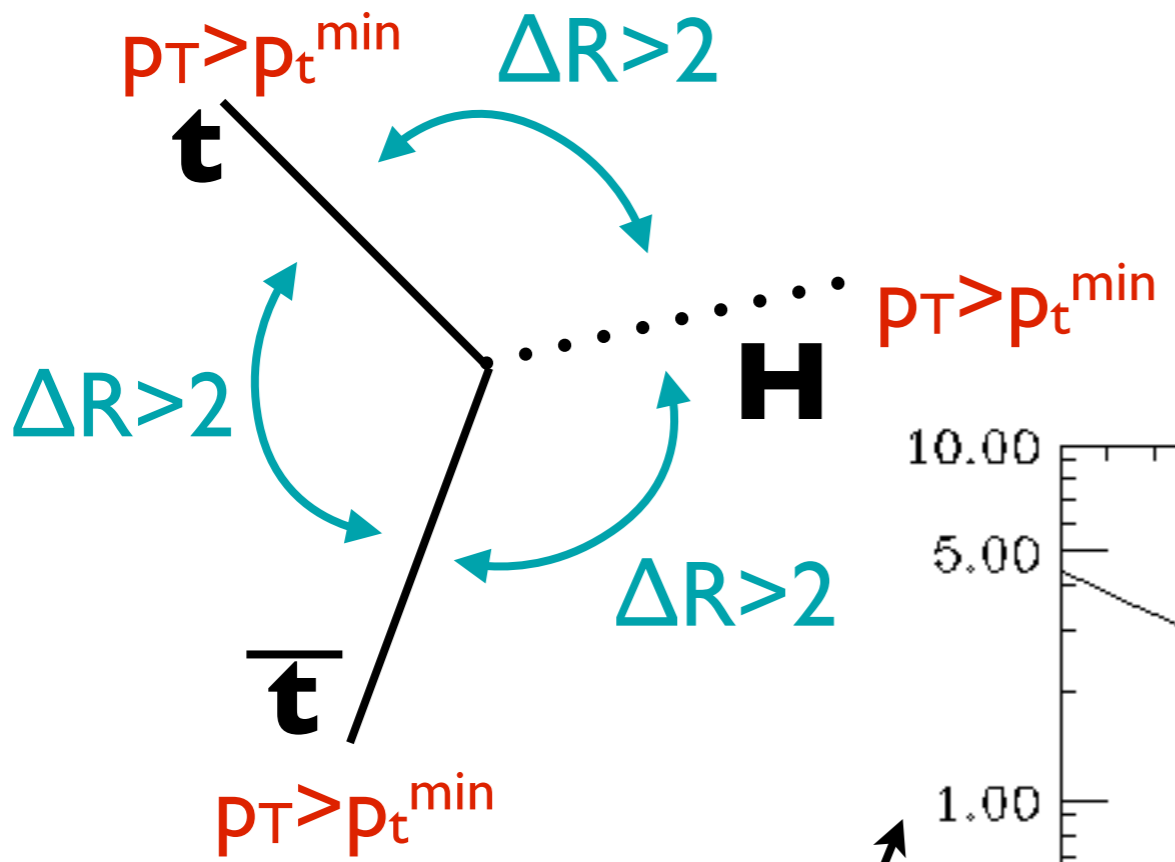
Higgs studies with extreme kinematical configurations

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Propose to study systematically the opportunities offered by production at very large p_T , or large m_{H+X} , or other extreme kinematical configurations, which could either enhance S/B, or allow for reduced systematics, or increase sensitivity to anomalous Higgs properties/couplings

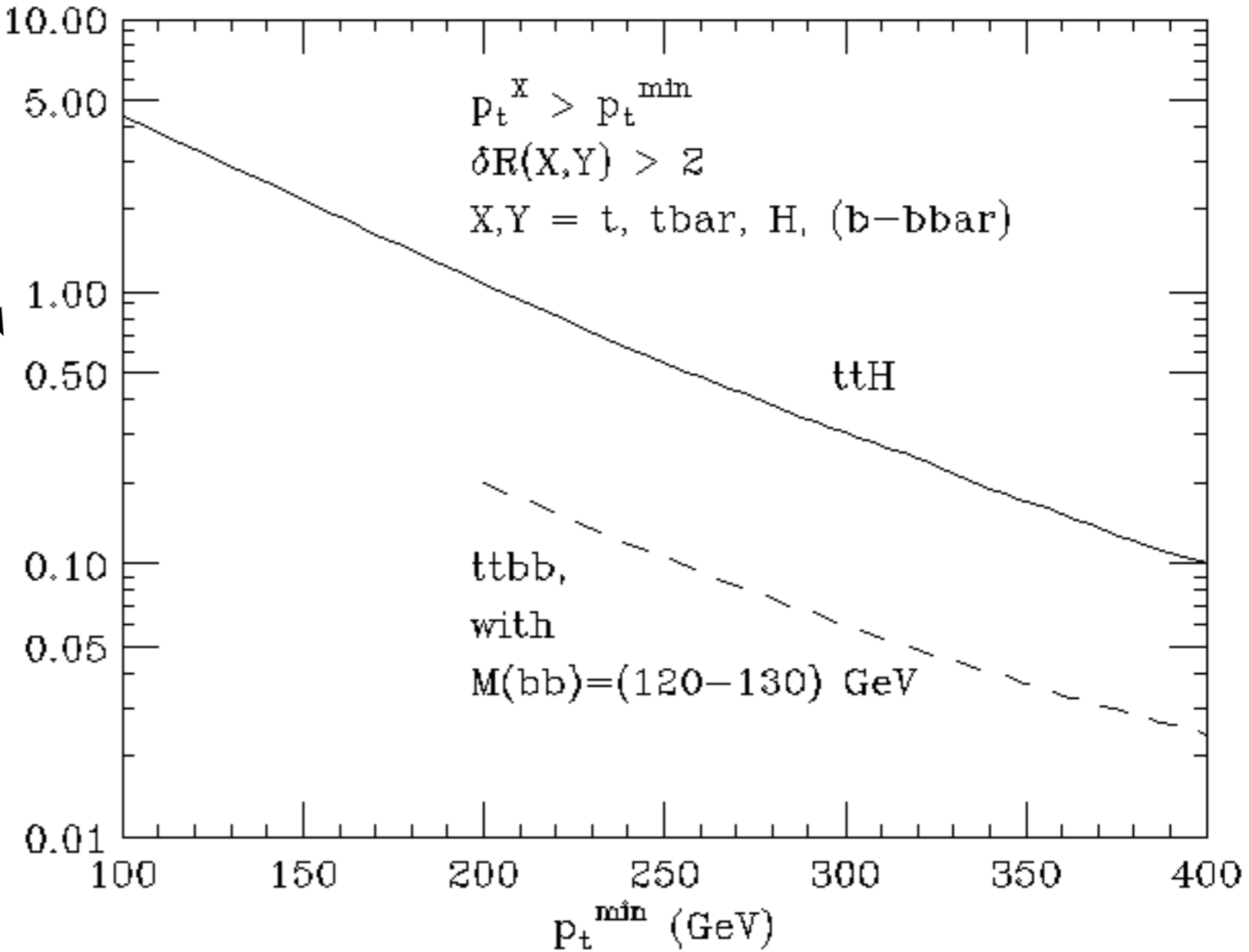
Example, ttH at large pt

- $S/B > 1$
- 10 M evts at 10ab^{-1} w. $p_{t\text{min}}=200$ GeV, before further cuts



$\sigma(\text{pb})$

10^7 evts
at 10ab^{-1}



Example, ZH at large mass

- Sensitivity to anomalous VVH couplings complementary to what given by high-precision $B(H \rightarrow VV)$ measurements
- Optimal use of boosted object tagging, to access both hadronic and leptonic W/Z decays, $H \rightarrow bb$, etc,

