

Events / 3.33 GeV

ATLAS Internal
8 TeV, 20.3 fb⁻¹

● Data 2012

■ $Z^{\text{emb}} \rightarrow \tau\tau$

■ $Z^{\text{hyb}} \rightarrow \mu\mu$

■ jet $\rightarrow \tau_h$

■ $t\bar{t}$

■ single t

■ diboson

— $H^{125} \times 50$

$\mu \rightarrow \tau_{\text{had}}$ rejection, 2013
no overlap with identified muon
and muon veto

