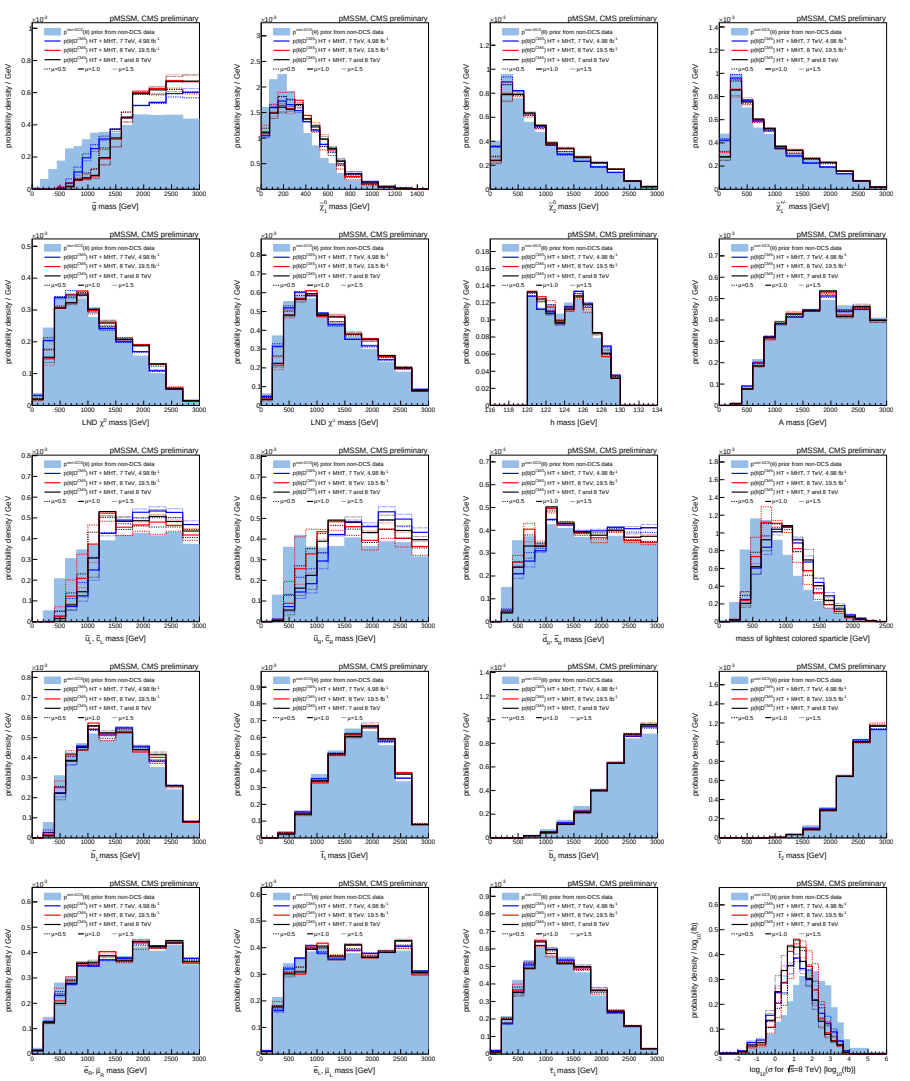
pMSSM, CMS preliminary
$p^{\text{pre-DCS}}(\theta)$ prior from non-DCS data
$p(\theta|D^{\text{DCS}})$ HT + MHT, 7 TeV, 4.98 fb^{-1}
$p(\theta|D^{\text{DCS}})$ HT + MHT, 8 TeV, 19.5 fb^{-1}
$p(\theta|D^{\text{DCS}})$ HT + MHT, 7 and 8 TeV
μ=0.5
μ=1.0
μ=1.5
probability density / GeV
$\tilde{g}$ mass [GeV]
$\tilde{\chi}_1^0$ mass [GeV]
$\tilde{\chi}_2^0$ mass [GeV]
$\tilde{\chi}_1^\pm$ mass [GeV]
LND χ^0 mass [GeV]
LND $\chi^\pm$ mass [GeV]
h mass [GeV]
A mass [GeV]
$\tilde{u}_L$, $\tilde{c}_L$ mass [GeV]
$\tilde{u}_R$, $\tilde{c}_R$ mass [GeV]
$\tilde{d}_R$, $\tilde{s}_R$ mass [GeV]
mass of lightest colored sparticle [GeV]
$\tilde{b}_1$ mass [GeV]
$\tilde{t}_1$ mass [GeV]
$\tilde{b}_2$ mass [GeV]
$\tilde{t}_2$ mass [GeV]
$\tilde{e}_R$, $\tilde{\mu}_R$ mass [GeV]
$\tilde{e}_L$, $\tilde{\mu}_L$ mass [GeV]
$\tilde{\tau}_1$ mass [GeV]
$\log_{10}(\sigma$ for $\sqrt{s}$=8 TeV) [$\log_{10}$(fb)]