

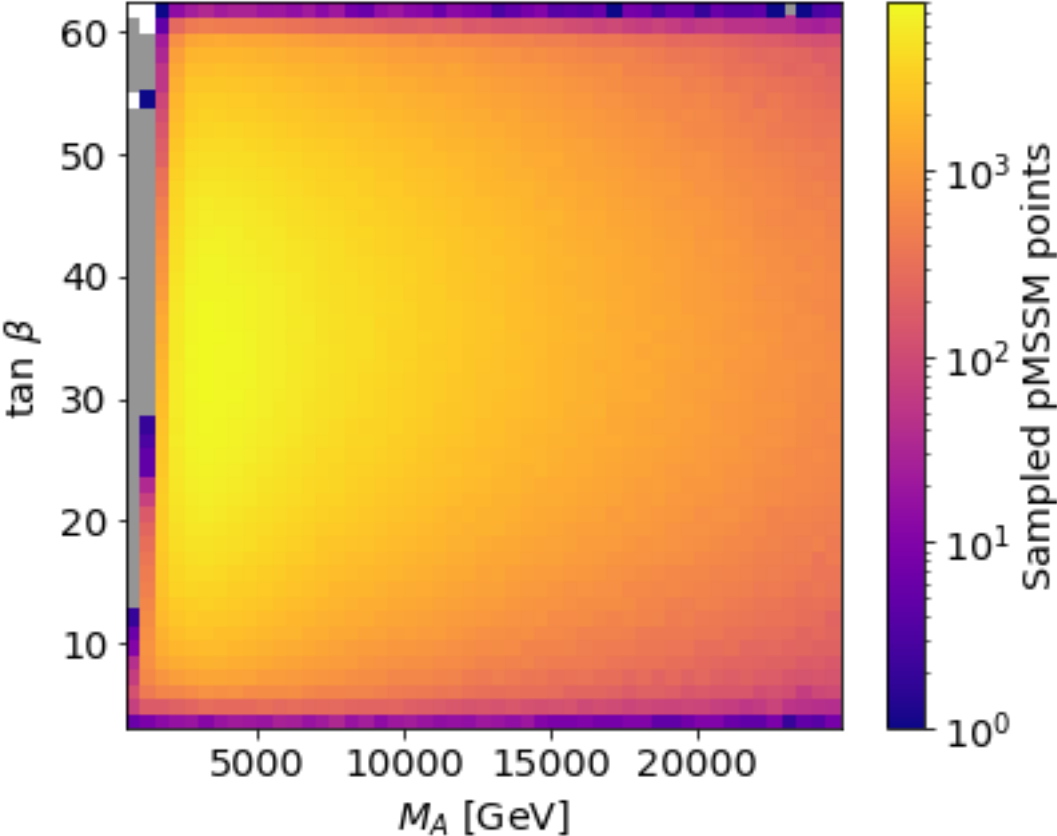


pMSSM scan plots

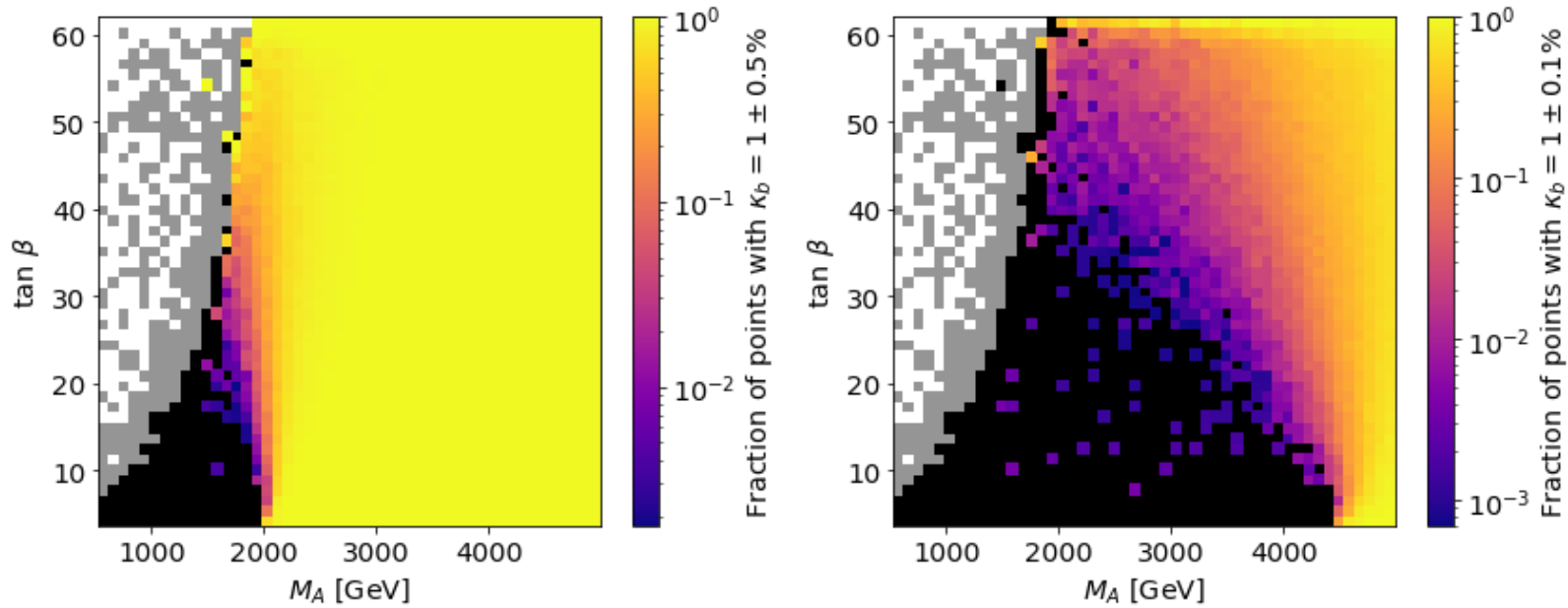
Jennet Dickinson

May 18, 2022

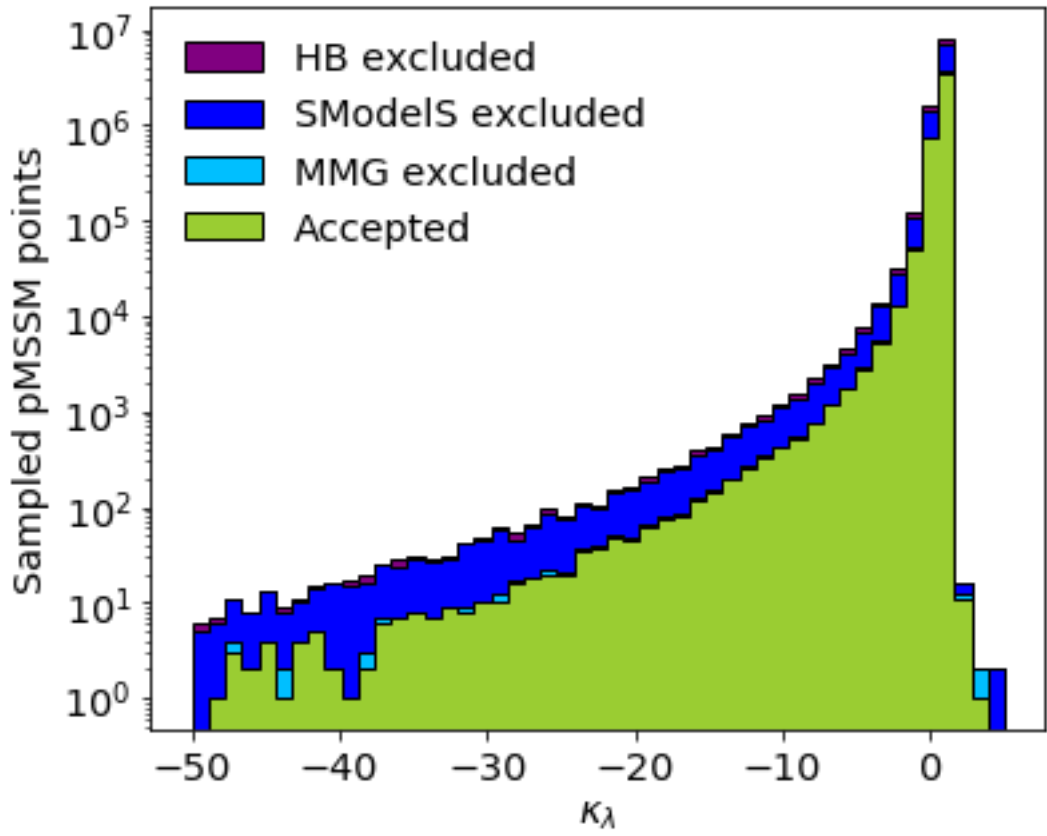
Scanned points: M_A vs $\tan \beta$



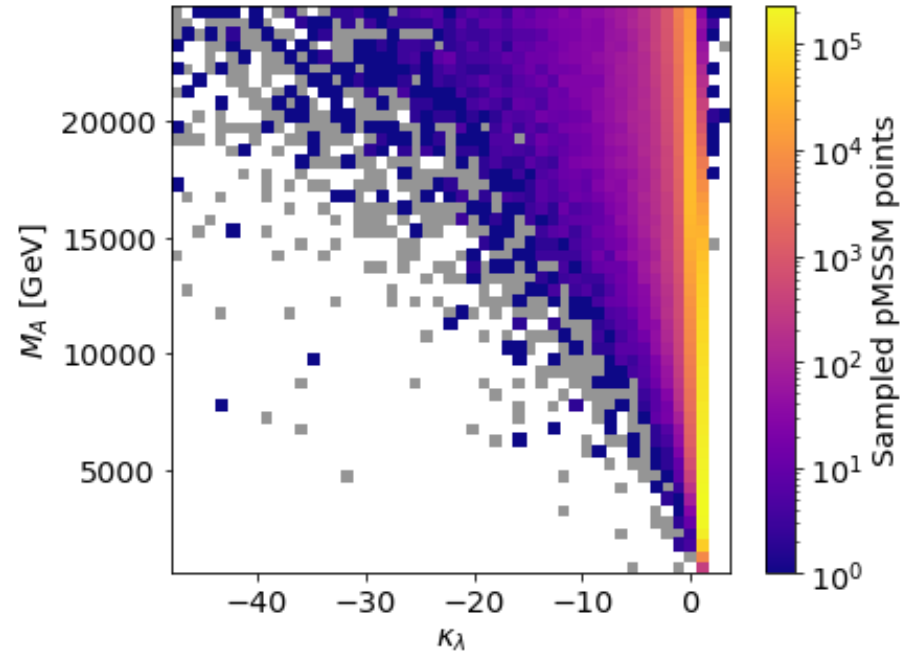
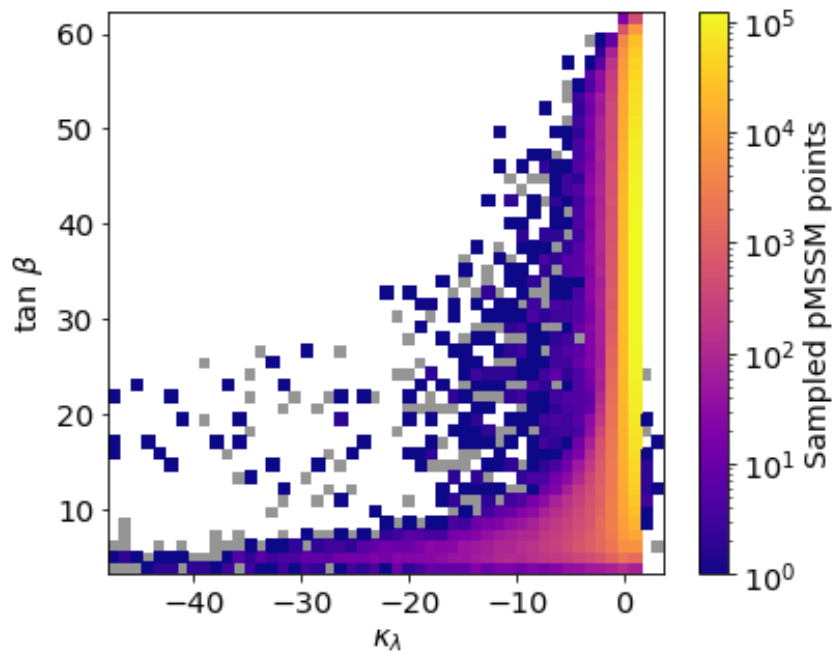
Fraction cut away by cutting on κ_b



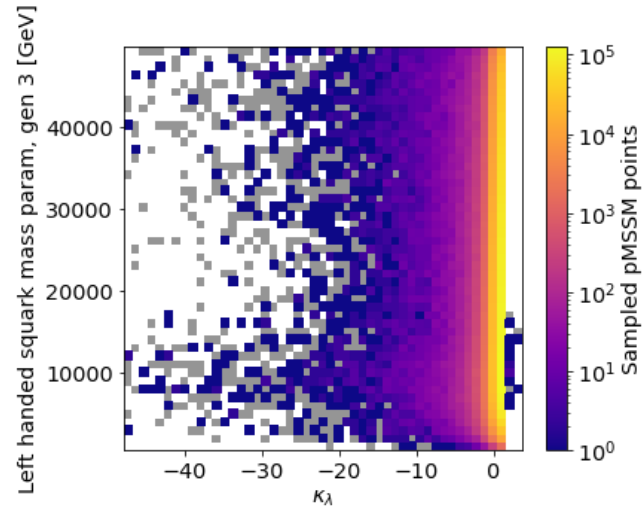
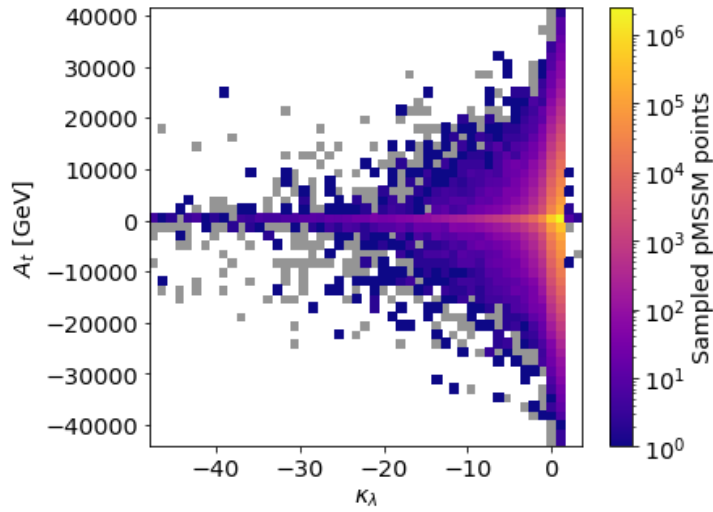
Correctly normalized κ_λ



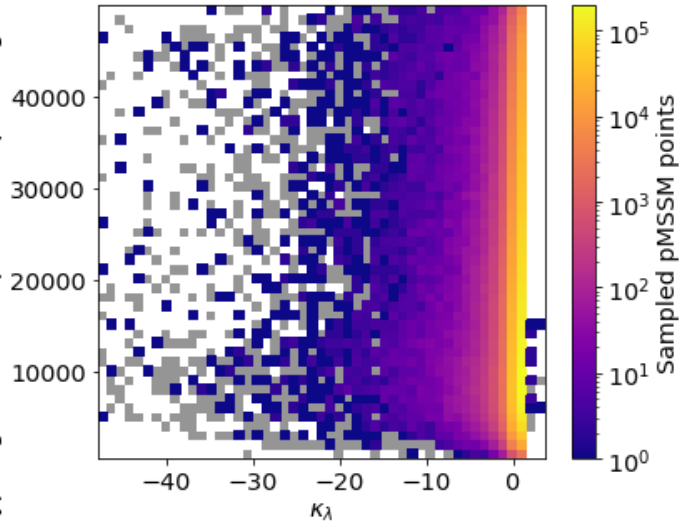
κ_λ vs. $\tan \beta$, M_A



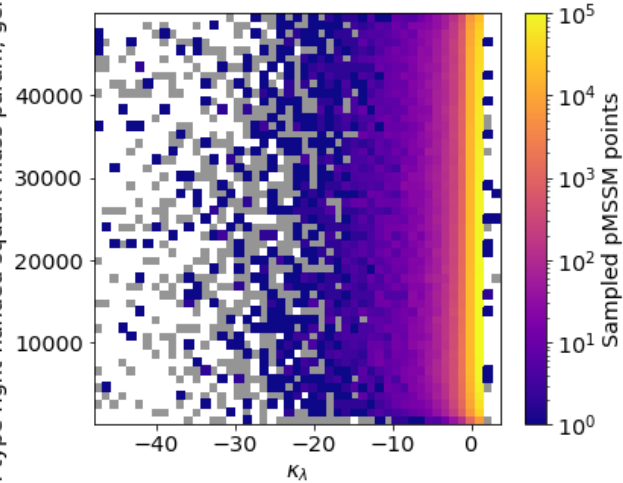
κ_λ vs. other pMSSM params



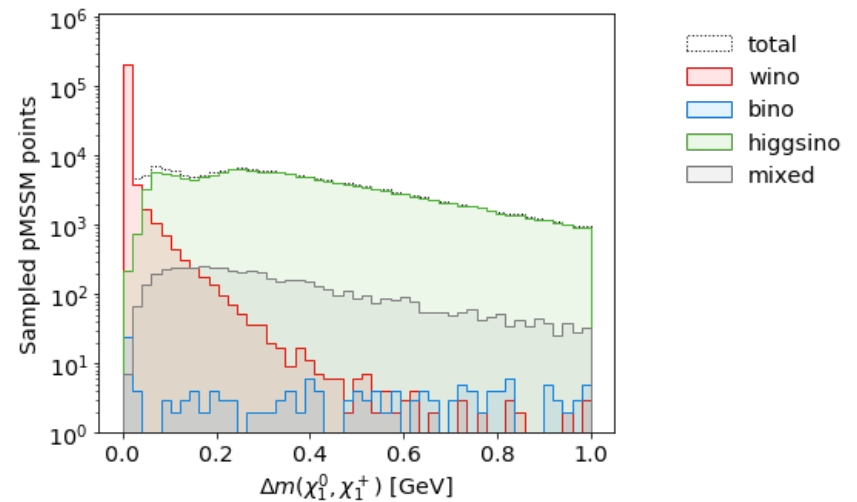
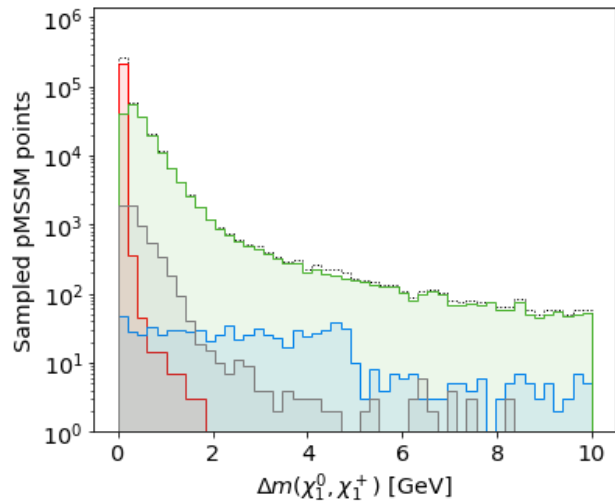
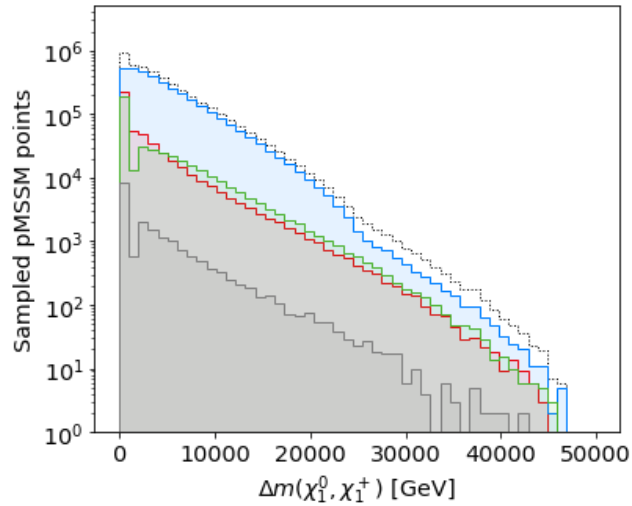
Up-type right-handed squark mass param, gen 3 [GeV]



Down-type right-handed squark mass param, gen 3 [GeV]

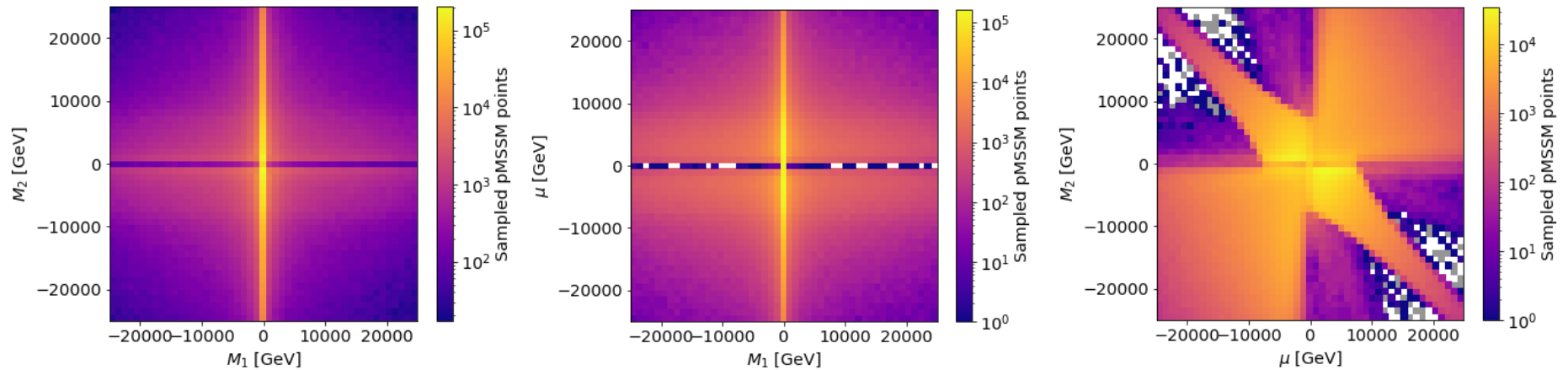


Mass splitting between neutralino, chargino



Wino/bino mix: what's up?

- https://jdickins.web.cern.ch/pmssm/May18/plots_dm_comp/



Cuts around relic density:

- https://jdickins.web.cern.ch/pmssm/May18/plots_omegah2/

