

# Cumulative Cuts on DM3 against $m_{h2}$ , scaled by $\Omega h_2$

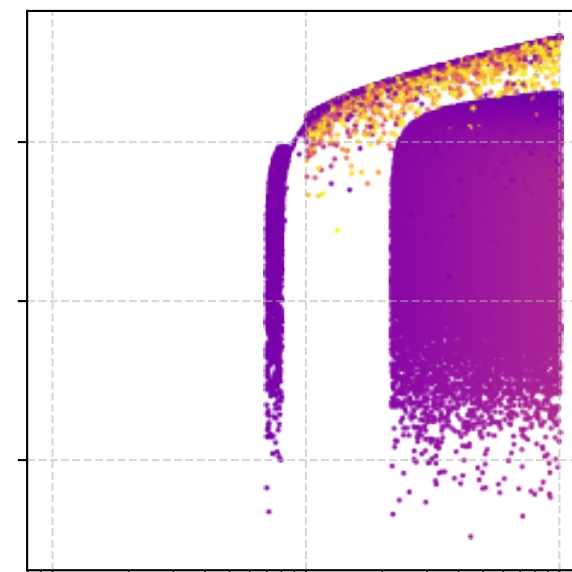
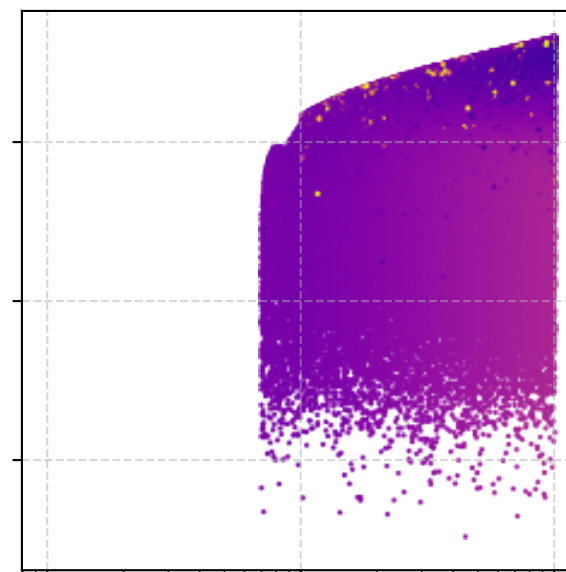
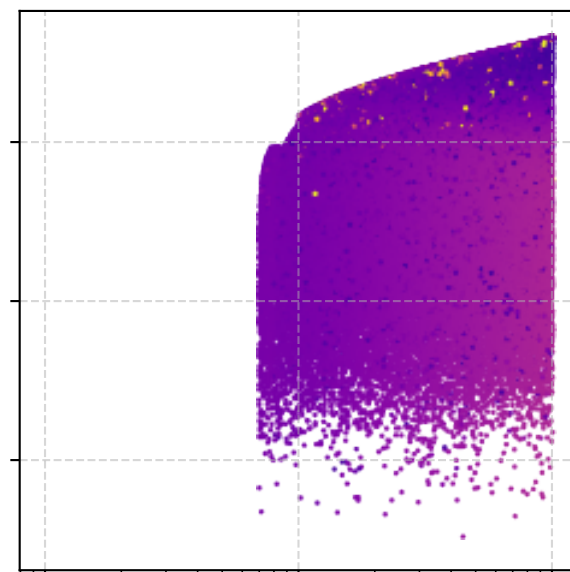
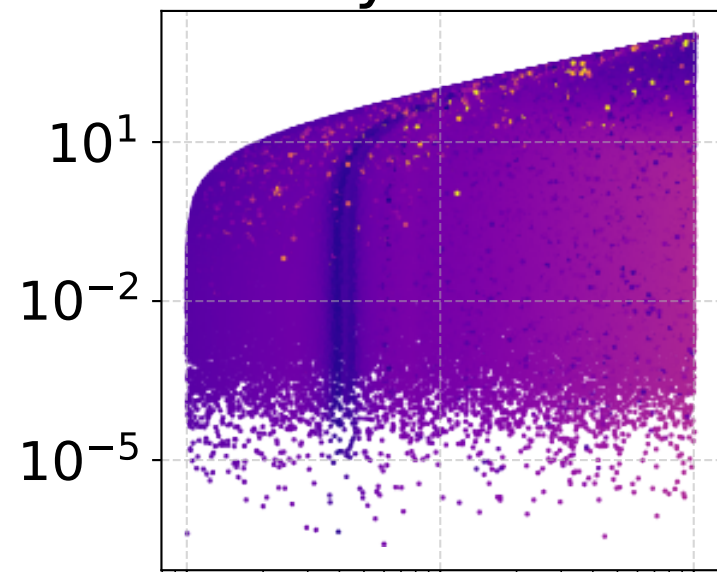
+ Theory Constraints

+ LEP

+ DM Direct Detection

+ CMB

DM3



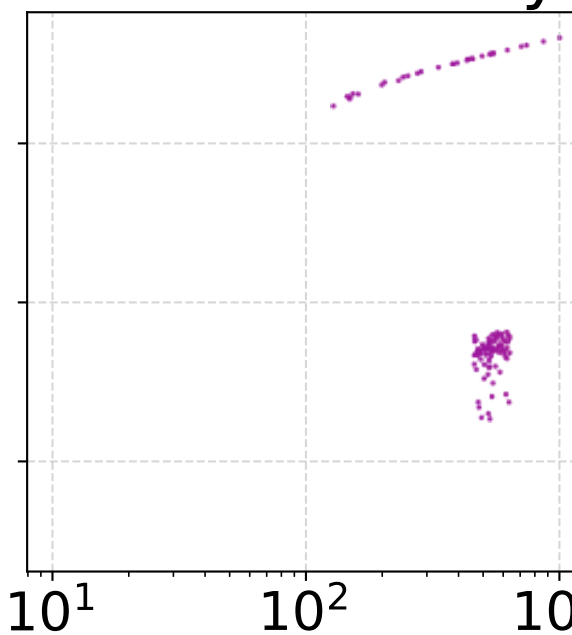
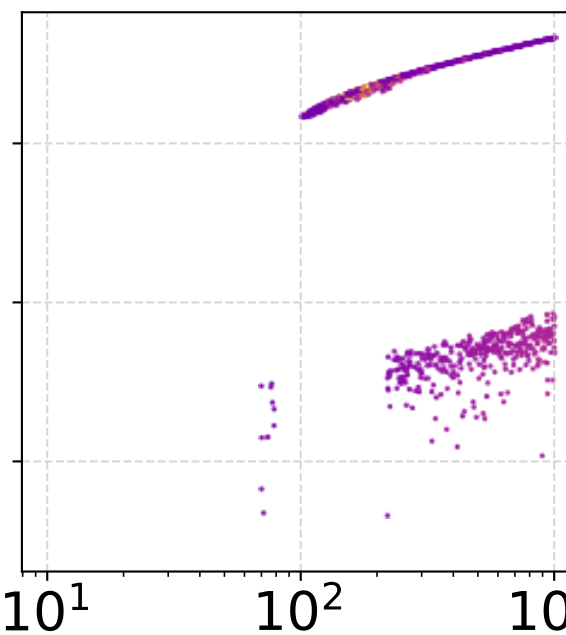
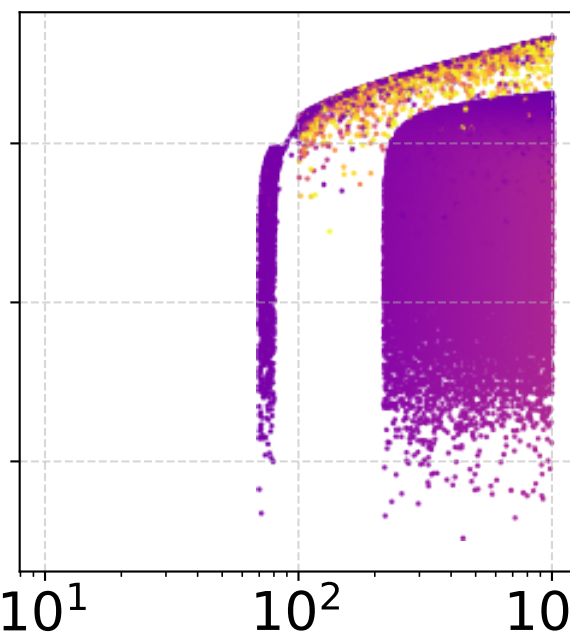
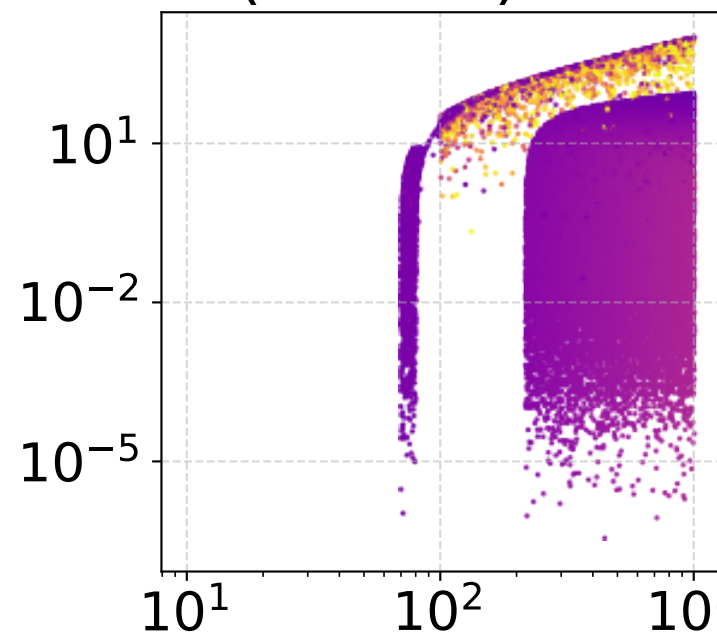
+  $Br(H \rightarrow \text{inv}) < 0.145$

+ LZ 2024

+ EWPT

+ Relic Density

DM3



$m_{h2}$

$m_{h2}$

$m_{h2}$

$m_{h2}$

$\Omega h_2$