Cumulative Cuts on DM3 against  $m_{h1}$ , scaled by  $\Omega h_2$ + DM Direct Detection + Theory Constraints + LEP + CMB -10<sup>5</sup> ·10<sup>3</sup> - 10<sup>1</sup> + LZ 2024  $+ Br(H \rightarrow inv) < 0.145$ + Relic Density + EWPT  $10^{-1}$ -10<sup>-3</sup>  $10^3 \ 10^1$  $10^3 \ 10^1$  $10^3 \ 10^1$ 101 10<sup>2</sup> 10<sup>2</sup> 10<sup>2</sup> 10<sup>2</sup> 10<sup>3</sup>

 $m_{h1}$ 

 $m_{h1}$ 

 $10^{1}$ 

 $\sum_{0}^{\infty} 10^{-2}$ 

 $10^{-5}$ 

 $10^{1}$ 

 $\sum_{\Omega}^{\infty} 10^{-2}$ 

 $10^{-5}$ 

 $m_{h1}$ 

 $m_{h1}$