Cumulative Cuts on  $m_{h_{+}}$  against  $\Delta m_{3}$ , scaled by  $\Omega h_{2}$ + DM Direct Detection + Theory Constraints + LEP + CMB 10<sup>3</sup> 10<sup>-1</sup> **E** 10<sup>2</sup> 10-2  $10^{1}$  $\frac{10^{-3} \text{C}}{2}$  $+ Br(H \rightarrow inv) < 0.145 + LZ 2024$ + Relic Density + EWPT 10<sup>3</sup>  $10^{-4}$  $10^1$  $10^{-4}$  $10^{-4}$  $10^{0}$  $10^{0}$  $10^{-4}$  $10^{0}$  $10^{-4}$ 10<sup>0</sup>  $\Delta m_3$  $\Delta m_3$  $\Delta m_3$  $\Delta m_3$