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