Cumulative Cuts on m_{h2} against m_{h1} , scaled by Ωh_2 + DM Direct Detection + Theory Constraints + LEP + CMB 10^{3} 10-1 E 10² -10⁻² 10^{1} $\frac{1}{10^{-3}}$ $+ Br(H \rightarrow inv) < 0.145$ + LZ 2024 + EWPT + Relic Density 10³ E 10² 10^{-4} 10^1 **1**10⁻⁵ $10^3 \ 10^1$ $10^3 10^1$ $10^3 \ 10^1$ 10² 10² 10² 10² 10³ 10^{1} m_{h1} m_{h1} m_{h1} m_{h1}