Cumulative Cuts on Δm_3 against m_{h1} , scaled by Ωh_2 + DM Direct Detection + Theory Constraints + LEP + CMB 10^{-1} 10^{1} $\int_{0}^{\infty} 10^{-2}$ 10^{-2} 10⁻⁵ $\frac{1}{10^{-3}}$ $+ Br(H \rightarrow inv) < 0.145$ + LZ 2024 + Relic Density + EWPT 10^{1} $\int_{0}^{\infty} 10^{-2}$ 10^{-4} 10^{-5} $10^3 \ 10^1$ $10^3 \ 10^1$ $10^3 \ 10^1$ 10¹ 10² 10² 10² 10³ 10² m_{h1} m_{h1} m_{h1} m_{h1}