Cumulative Cuts on Δm_1 against m_{h2} , scaled by Ωh_2 + DM Direct Detection + LEP + Theory Constraints + CMB 10³ 10¹ - 10⁵ ₹ 10⁻¹ 10³ 10⁻³ 10¹ $+ Br(H \rightarrow inv) < 0.145$ + LZ 2024 + EWPT + Relic Density 10³ 10^{-1} 10^{1} ₹ 10⁻¹ 10-3 10⁻³ 10 **1**10⁻⁵ $10^3 10^1$ $10^3 10^1$ $10^3 \ 10^1$ 101 10² 10² 10² 10² 10³ m_{h2}

 m_{h2}

 m_{h2}

 m_{h2}