Cumulative Cuts on Δm_1 against λ_{345} , scaled by Ωh_2 + Theory Constraints + DM Direct Detection + LEP + CMB 10^3 10⁻¹ 10^{1} 10^{-2} 10⁻³ $\frac{1}{10^{-3}}$ $+ Br(H \rightarrow inv) < 0.145$ + LZ 2024 + EWPT + Relic Density 10^3 10^{1} ₹ 10⁻¹ 10^{-4} 10⁻³ **1**10^{−5} 10^{-7} 10^{-7} 10^{-3} 10^{1} 10^{-7} 10^{-3} 10^{-7} 10^{-3} 10^1 10-3 10^1 10^1 λ_{345} λ_{345} λ_{345} λ_{345}