Cumulative Cuts on m_{h2} against λ_{345} , scaled by Ωh_2 + Theory Constraints + DM Direct Detection + LEP + CMB 10^{3} -10⁵ E 10² 10^{3} 10^{1} - 10¹ $+ Br(H \rightarrow inv) < 0.145$ + LZ 2024 + Relic Density + EWPT 10³ Marie State Company State 10^{-1} E 10² -10⁻³ 10^1 ¹10⁻⁵ 10^{-7} 10^{-3} 10^{-7} 10^{-3} 10^{-7} 10^{-3} 10^{1} 10^1 10^{-7} 10-3 10^1 10^1 λ_{345}