Cumulative Cuts on Δm_1 against m_{h1} , scaled by Ωh_2 + DM Direct Detection + Theory Constraints + LEP + CMB 10^{-1} 10-2 $\frac{1}{10^{-3}}$ $+ Br(H \rightarrow inv) < 0.145$ + LZ 2024 + EWPT + Relic Density 10^{-4} **100** ¹ 10⁻⁵ $10^3 10^1$ $10^3 \ 10^1$ $10^3 \ 10^1$ 10³ 10² 10² 10² 10²

 m_{h1}

 m_{h1}

 10^{3}

 10^{1}

10⁻³

10³

 10^{1}

10⁻³

101

 m_{h1}

 m_{h1}

₹ 10⁻¹

₹ 10⁻¹