Hadronic boxes

Low M_R sideband: $400 < M_R < 550$ GeV and $R^2 > 0.3$

Low R^2 sideband: $M_R > 450$ GeV and $0.25 < R^2 < 0.3$

Signal-sensitive region: $M_R > 550$ GeV and $R^2 > 0.3$