Boosted category 4.0 Signal, no PU 3.5 Signal, n_{PU} =80 + SK Background, no PU 3.0 Background, $n_{PU} = 80 + SK$ 2.5 2.0 1.5 1.0 0.5 0.2 0.4 0.6 8.0 1.0 Energy Correlation Ratio $D_2^{(\beta)}$ in leading Higgs candidate