HCAL Resolution Doubled χ^2 / ndf 49.72 / 32 300 Number of events/2 GeV Constant 284.3 ± 2.3 Mean 125.1 ± 0.0 250 Sigma 0.8288 ± 0.0040 200 150 100 50 110 115 120 125 130 135 140 Higgs Mass/GeV