ECAL Resolution Halved χ^2 / ndf 55.72 / 33 600 Number of events/500 MeV Mass histogram legend Constant 549.8 ± 4.4 Mean 125.1 ± 0.0 500 Sigma 0.4331 ± 0.0020 400 300 200 100 110 135 115 120 125 130 140 Higgs Mass/GeV