Mass of reconstructed Higgs particles χ^2 / ndf 1270 / 10 6000 Number of events / 2 GeV p0 Signal 2227 ± 76.1 All backgrounds **p1** 124.8 ± 0.1 p2 1.461 ± 0.050 5000 рЗ 6568 ± 221.2 p4 -25.69 ± 1.75 4000 3000 2000 1000 ρ<u>L</u> 115 120 125 130 135 140 Higgs Mass / GeV