m\_ee\_el\_energy < 50. m ee el energy LT 50.ATLAS Entries 59969 2500 ATLAS data Mean 88.76 Std Dev 7.411  $\chi^2$  / ndf Background 663.3 / 112 Prob Signal 1.606e+04 ± 8.177e+01 Z to ee Mass  $90.93 \pm 0.02$ 2000 Resol  $2.375 \pm 0.023$ NBg  $0.0654 \pm 0.0018$ Bg1 Bg2  $-2368 \pm 0.9$ 2346 ± 1.1 Bg3 1081 ± 0.9 Bg4  $-958 \pm 0.9$ 1500 1000 500

90

80

100

110

120