Invariant Mass histMass_copy Entries/40MeV **Entries** 156140 $\mathbb{E}[2.92-3.16 \text{ GeV/c}^2] = 3017.1 + -54.9$ Mean 2.962 8000 0.3038 Std Dev Fsig = 0.027 +- 0.002 $\chi^2/\text{dof} = 0.87$ 7000 6000 5000 4000 3000 2.6 2.8 3 3.2 3.4 3.6

InvMass[GeV]