## ptbalance $50~\text{GeV} < p_{_{T}}^{Z} < 60~\text{GeV},~2.964 < |\eta_{_{iet}}| < 3.200,~\text{MC}$ Events / (0.02) $\chi^2$ fit = 1.34 pile up $\sigma_{gauss}$ = 0.23 $\pm$ 0.026 pli ⊗ gauss $\mu_{\text{gauss}}$ = -0.049 $\,\pm$ 0.024 20 15 10 5 8.0 0.9 0.6