## ptbalance 130 GeV < $p_{_{T}}^{Z}$ < 175 GeV, 3.200 < $|\eta_{_{iet}}|$ < 5.191, MC $\chi^2$ fit = **0.66** pile up $\sigma_{gauss}$ = 0.11 $\pm$ 0.019 pli ⊗ gauss $\mu_{\text{gauss}} = \textbf{-0.004} \, \pm \textbf{0.021}$ 8 6 4 2 0.6 8.0 0.9