## ptbalance 30 GeV < $p_{_{T}}^{Z}$ < 40 GeV, 0.000 < $|\eta_{_{iet}}|$ < 0.783, MC Frents (0.02) $\chi^2$ fit = 9.85 pile up $\sigma_{gauss}$ = 0.161 $\pm$ 0.004 pli ⊗ gauss $\mu_{\text{gauss}} = \textbf{0.009}\,\pm\textbf{0.003}$ 800 600 400 200 0.6 8.0 0.9