## ptbalance 50 GeV < $p_{_{T}}^{Z}$ < 60 GeV, 1.305 < $|\eta_{_{iet}}|$ < 1.930, MC Eyents/ (0.02) $\chi^2$ fit = **0.92** pile up $\sigma_{gauss}$ = 0.161 $\pm$ 0.004 pli ⊗ gauss $\mu_{\text{gauss}} = \textbf{0.012}\,\pm\textbf{0.004}$ **250 200 150** 100 **50** 0.6 8.0 0.9 0.7