## ptbalance 30 GeV < $p_{_{T}}^{Z}$ < 40 GeV, 2.964 < $|\eta_{_{iet}}|$ < 3.200, MC Events / ( 0.02 ) 09 04 08 $\chi^2$ fit = 2.55 pile up $\sigma_{gauss}$ = 0.298 $\pm$ 0.046 pli ⊗ gauss = -0.112 $\pm$ 0.053 **50** 40 **30 20** 10

8.0

0.6