correlation between transverse momentum of two pp electrons hJp_mcJE1Pt_mcJE2Pt $\rho_{\mathrm{T,ppe}^{\pm},2}\left[\mathrm{GeV}/c\right]$ **Entries** 11000 Mean x 1.117 1.8 1.116 0 Mean y Std Dev x 0.3812 1.6 Std Dev y 0.3821 1.4 100 1.2 80 8.0 60 0.6 40 0.4 20 0.2 0.4 0.6 8.0 1.2 1.8 1.6 [GeV/c] T,ppe[±],1