$\Delta p_{_{T}}$  KS Fitting Algorithm Iteration 460 0.9F  $Abs(\Delta_{CDF})$  $\mathsf{KS} = \mathsf{max}(\Delta_{\mathsf{CDF}}) \colon 0.1286$ KS found at PT [GEV] = 8.300.8 0.12 0.7 0.1 0.6 0.08 0.5 0.4 0.06 0.3 0.04 0.2 0.02 0.1 30 PT [GEV] 30 PT [GEV] 25 10 20 1-CDF  $Abs(\Delta_{CDF})$ 10 10  $10^{-2}$  $10^{-2}$  $10^{-3}$  $10^{-3}$  $10^{-4}$  $10^{-4}$  $10^{-5}$  $10^{-5}$  $10^{-6}$  $10^{-6}$  $10^{-7}$  $10^{-7}$  $10^{-8}$  $10^{-8}$  $10^{-9}$ 10<sup>-9</sup> 10<sup>-10</sup>  $10^{-10}$ 10<sup>-11</sup> 30 PT [GEV] 30 PT [GEV] 10 15 20 25 10 15 20 25