Events Generated with $b \in [0.00, 3.31]$ TGlauberMC AuAu N^{event} = 10000 Corresponding Centrality Bin: 0-5% Event Shape (Unmodified) CM :: (-0.00, 0.00) Scaling: T +T_o Event Shape (CM Aligned) Event Shape (CM and Y, Aligned) Scaling: T +T CM :: (-0.00, 0.00) CM :: (-0.00, 0.00) (Arithmetic) (Arithmetic) (Arithmetic) Ψ₂ :: -0.0012 $\Psi_2 :: -0.0013$ $\Psi_2 :: 0.0002$ 0.8 0.6 8 0.0 o. Fraction of I Event Shape (Unmodified) Scaling: TATR Event Shape (CM Aligned) Scaling: TATR + Event Shape (CM and Ψ₂ Aligned) Scaling: TATB CM :: (-0.00, 0.00) CM :: (-0.00, 0.00) CM :: (-0.00, 0.00) (Geometric) (Geometric) (Geometric) $\Psi_2 :: 0.0017$ Ψ₂ :: 0.0016 Ψ₂ :: 0.0001 0.2 x [fm] x [fm] x [fm]