Events Generated with $b \in [9.35, 10.50]$ TGlauberMC AuAu N^{event} = 10000 Corresponding Centrality Bin: 40-50% Event Shape (Unmodified) Scaling: T +TR Event Shape (CM Aligned) Event Shape (CM and Ψ₂ Aligned) Scaling: T +T_n CM :: (-0.00, -0.00) CM :: (0.00, -0.00) CM :: (0.00, 0.00) (Arithmetic) (Arithmetic) (Arithmetic) Ψ₂ :: 0.0017 Ψ₂ :: 0.0015 $\Psi_2 :: -0.0000$ 0.8 9.0 ह 6.0 Fraction of Event Shape (Unmodified) Scaling: TATR Event Shape (CM Aligned) Scaling: TATR + Event Shape (CM and Ψ₂ Aligned) Scaling: T_AT_B CM :: (-0.00, 0.00) CM :: (0.00, -0.00) CM :: (0.00, -0.00) (Geometric) (Geometric) (Geometric) $\Psi_2 :: 0.0009$ Ψ₂ :: 0.0010 Ψ₂ :: 0.0000 0.2 x [fm] x [fm] x [fm]