Events Generated with  $b \in [3.47, 4.91]$ TGlauberMC PbPb N<sup>event</sup> = 5000 Corresponding Centrality Bin: 5-10% Event Shape (Unmodified) CM:: (-0.00, -0.00) Scaling: T +T<sub>o</sub> Event Shape (CM Aligned) Event Shape (CM and Ψ<sub>a</sub> Aligned) Scaling: T +T CM :: (-0.00, 0.00) CM :: (-0.00, -0.00) (Arithmetic) (Arithmetic) (Arithmetic) Ψ<sub>2</sub> :: 0.0013  $\Psi_2 :: 0.0013$ Ψ<sub>2</sub> :: -0.0001 0.8 0.6 003 o. Fraction of I Event Shape (Unmodified) Scaling: TATR Event Shape (CM Aligned) Scaling: TATR + Event Shape (CM and Ψ<sub>2</sub> Aligned) Scaling: TATB CM :: (-0.00, 0.00) CM :: (-0.00, -0.00) CM :: (-0.00, -0.00) (Geometric) (Geometric) (Geometric)  $\Psi_2 :: -0.0002$ Ψ<sub>2</sub> :: 0.0018 Ψ<sub>2</sub> :: 0.0019 0.2 x [fm] x [fm] x [fm]