Events Generated with  $b \in [0.00, 4.91]$ TGlauberMC PbPb N<sup>event</sup> = 5000 Corresponding Centrality Bin: 0-10% Event Shape (Unmodified) Scaling: T +T<sub>a</sub> Event Shape (CM Aligned) Event Shape (CM and Ya Aligned) Scaling: T\_+T\_ CM :: (0.00, -0.00) (Arithmetic) CM :: (0.00, -0.00) CM :: (-0.00, -0.00) (Arithmetic) (Arithmetic) Ψ<sub>2</sub> :: -0.0162 Ψ<sub>2</sub> :: -0.0163  $\Psi_2 :: 0.0003$ 0.8 0.6 8 0.0 o. Fraction of I + Event Shape (CM and Ψ<sub>2</sub> Aligned) Event Shape (Unmodified) Scaling: TATR Event Shape (CM Aligned) Scaling: TATR Scaling: TATB CM :: (0.00, -0.00) CM :: (0.00, -0.00) CM :: (0.00, -0.00) Geometric) (Geometric) (Geometric)  $\Psi_2 :: -0.0063$ Ψ<sub>2</sub> :: -0.0063 Ψ<sub>2</sub> :: -0.0000 0.2 x [fm] x [fm] x [fm]