Events Generated with  $b \in [3.31, 4.68]$ TGlauberMC AuAu N<sup>event</sup> = 10000 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  $\Psi_a$  Aligned) Scaling: T\_+T\_ CM :: (-0.00, -0.00) CM :: (-0.00, -0.00) (Arithmetic) (Arithmetic) (Arithmetic) Ψ<sub>2</sub> :: 0.0017 Ψ<sub>2</sub> :: 0.0021 Ψ<sub>2</sub> :: 0.0001 0.8 0.6 003 6.0 Fraction of + Event Shape (CM and Ψ, 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) Ψ<sub>2</sub> :: 0.0013 Ψ<sub>2</sub> :: 0.0016  $\Psi_2 :: 0.0000$ 0.2 x [fm] x [fm] x [fm]