

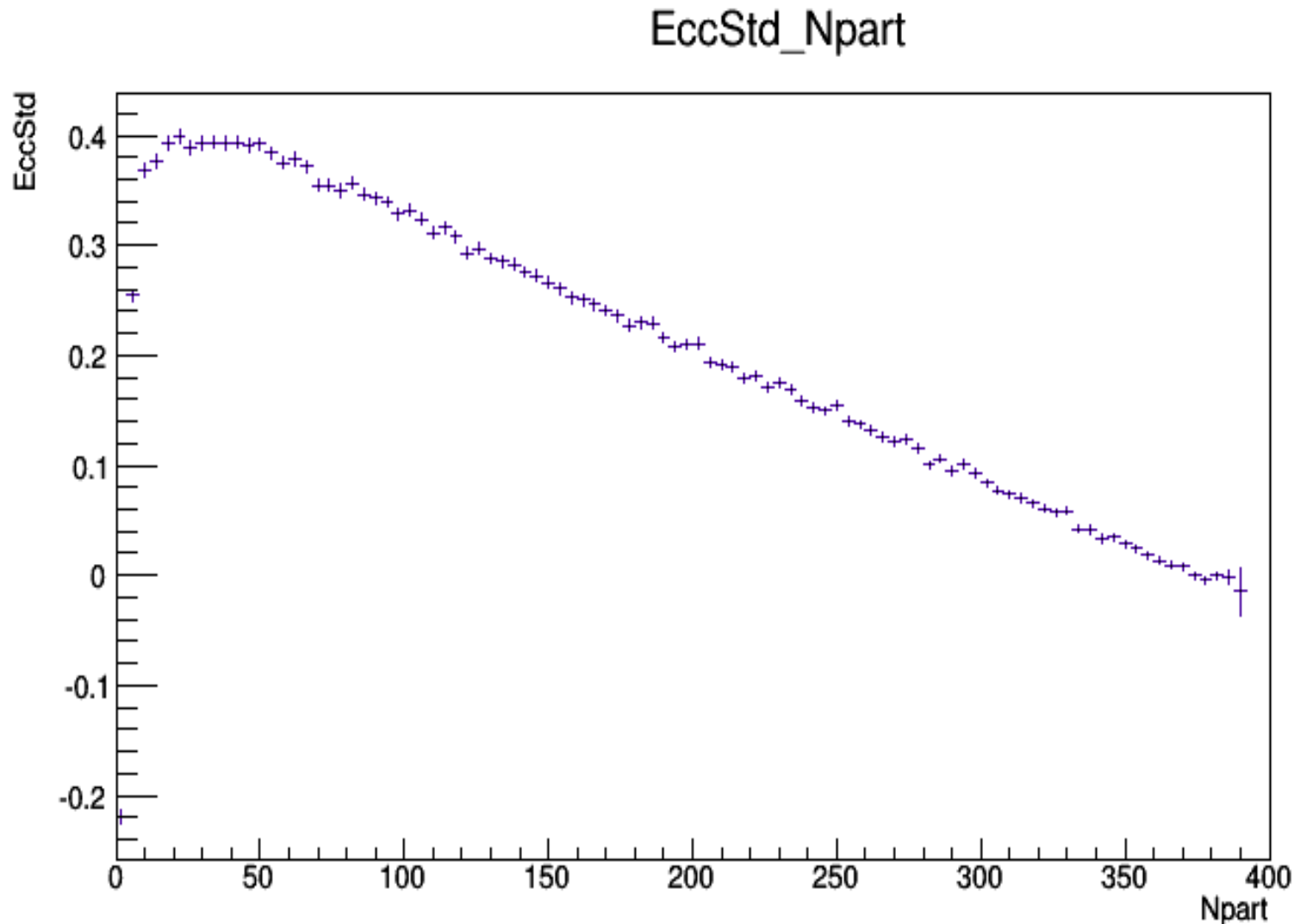
PHOBOS Glauber for Au-Au at energy 200 GeV

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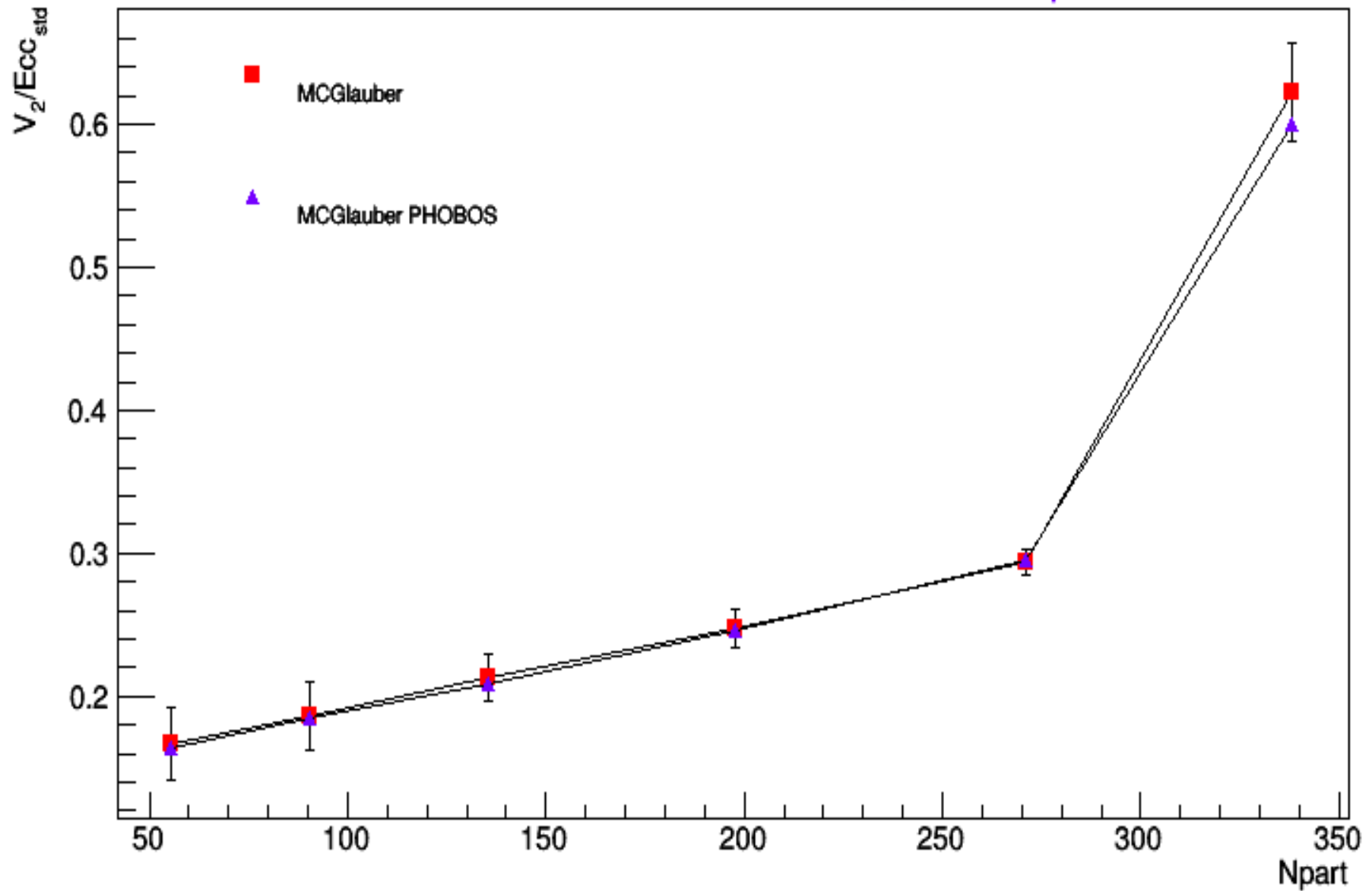
Used data:

- PHOBOS Glauber for the colliding system - Au-Au at the energy 200 GeV

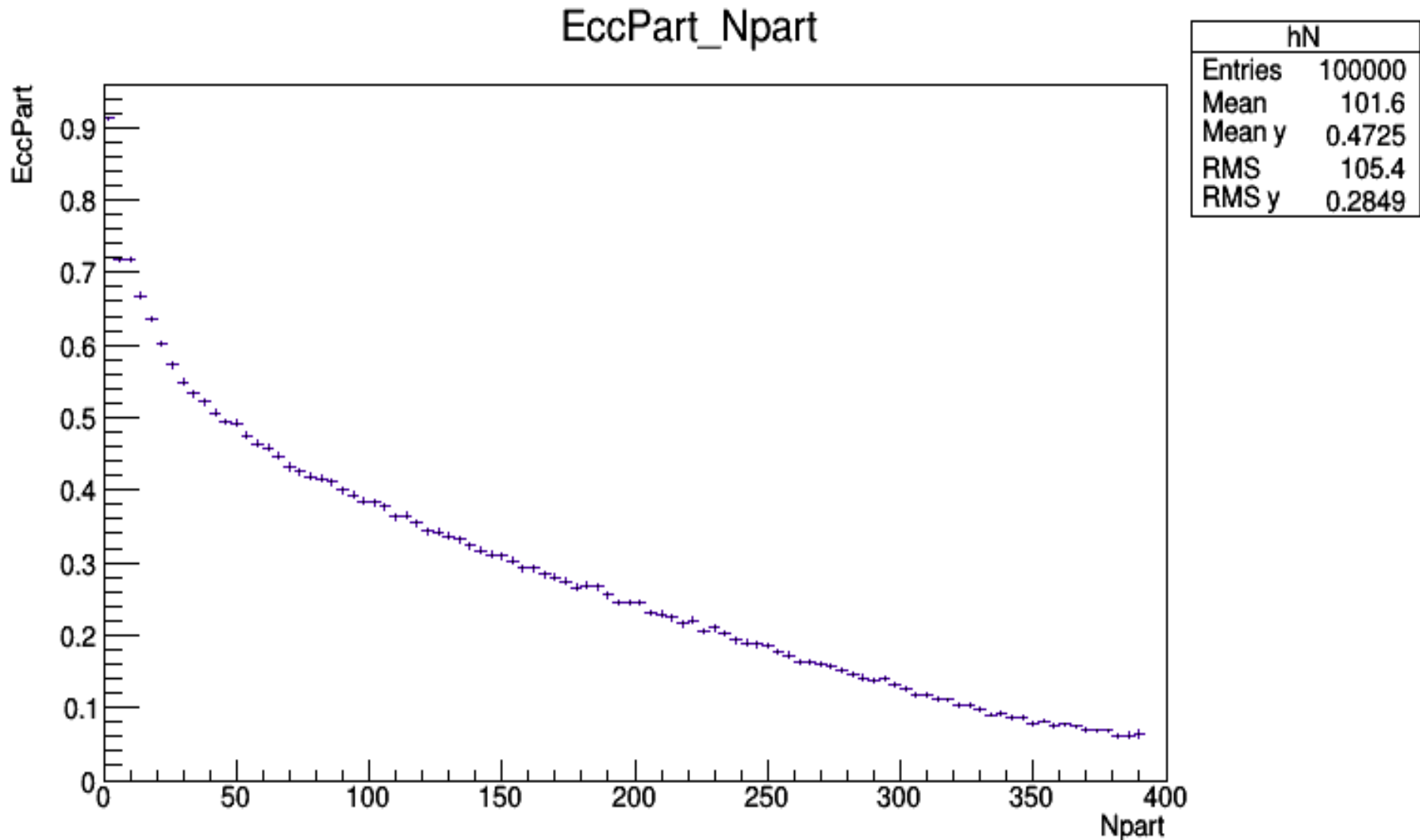
Correlation between the average EccStd and Npart



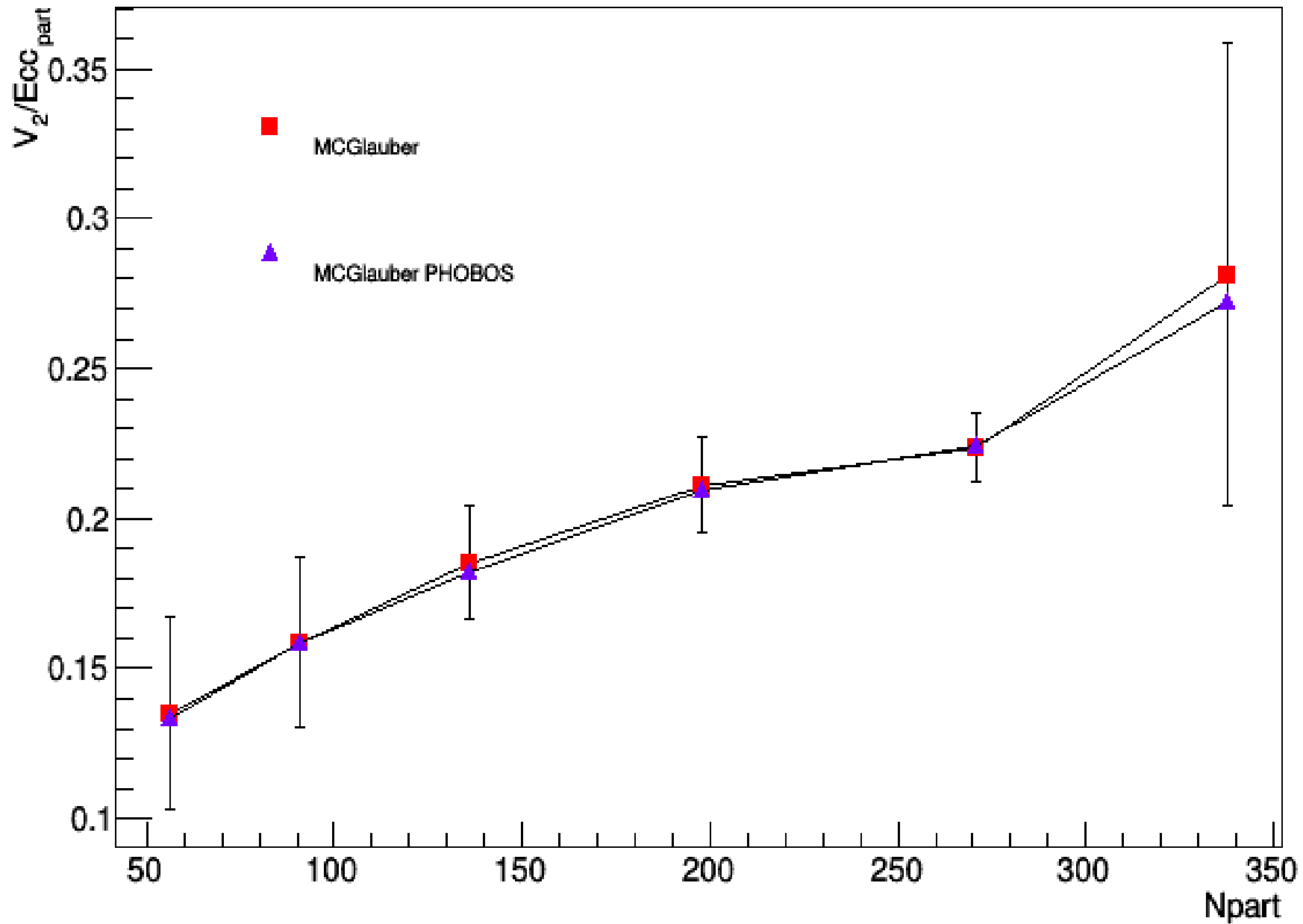
Correlation between V_2/Ecc_{std} and N_{part}



Correlation between the average EccPart and Npart



Correlation between V_2/Ecc_{part} and N_{part}



Conclusion:

- With increasing the number of participating nucleus, standard eccentricity is decreasing
- With increasing the number of participating nucleus, participant-plane eccentricity is decreasing
- With increasing the number of participating nucleus, the value $V2/EccPart$ is growing
- The value $V2/EccStd$ behaves thus that with growing the number of participating nucleons it is increasing
- The correlation between $V2/EccStd$ and $Npart$, $V2/EccPart$ and $Npart$ coincide within errors with the same graph plotted on the PHOBOS experiment