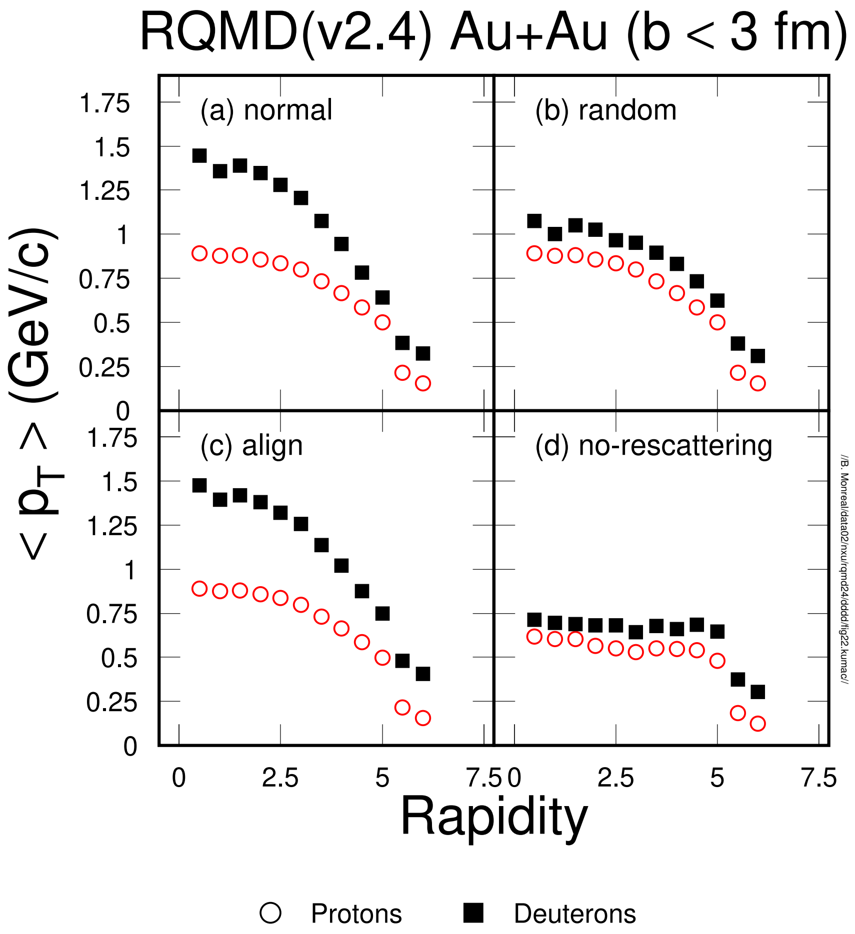

- Due to collective flow, deuteron mean p_T is larger than that of protons;
- Space-momentum correlation in nucleon represents the collective flow. Once such correlation is removed, or '*randomized*', the deuteron mean p_T becomes much close to that of protons;
- Maximum transverse flow is reached by the alignment of the space and momentum vectors. See plot (c). However, the increase in the deuteron mean p_T is not significant, indicating there are already strong space-momentum correlations in a normal event.
- Rescattering is the source of collective flow or, in other words, the space-momentum correlation. Reduced number of rescattering lead to smaller mean p_T for proton and deuteron. See plot (d).