

## 11. Collectivity and early state dynamics studies in small systems with the PHENIX experiment

Using the extraordinary versatility of RHIC in selecting different colliding species, the PHENIX experiment has collected data in p+Al, p+Au, d+Au, and 3He+Au at 200 GeV center-of-mass energy and conducted a comprehensive set of anisotropic flow measurements. These geometry-controlled experiments provide a unique testing ground for early state dynamics using different theoretical models. Recent PHENIX results that will be presented at this conference include a complete set of elliptic and triangular anisotropies of inclusive charged particles as a function of multiplicity, rapidity and  $p_T$ , as well as  $v_2$  measurements of identified hadrons and multi-particle correlations. Detailed model comparisons with all observables will be discussed.

### Summary

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