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PHENIX results on anisotropic flow in d+Au collisions from 19.6 to 200 GeV SYLVIA MORROW, Vanderbilt University , PHENIX COLLABORATION — Results on elliptic flow in p+p and p/d/^{3}He+A have raised the question of how small a system can be while still exhibiting collective behavior. In 2016, RHIC operations included d+Au collisions at 200, 62.4, 39, and 19.6 GeV. In this talk we present results on elliptic and triangular flow at midrapidity as a function of transverse momentum and event multiplicity in d+Au collisions at various energies. We compare these results with several theoretical predictions in scenarios including pre-equilibrium flow, hydrodynamic flow, partonic scattering, and purely hadronic scattering in order to assess the role of each stage in the system evolution for producing collective effects in small systems.

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