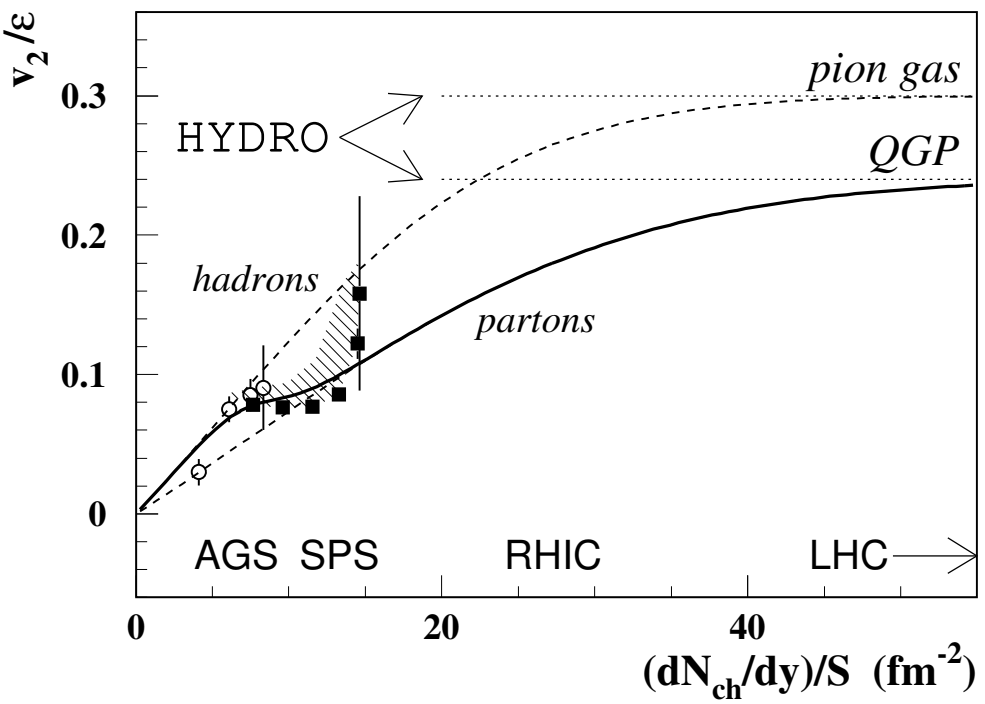
evidence for emergence of a partonic phase ?

(A.Poskanzer,S.Voloshin:PLB474(2000),27)



geometry of collision overlap region:

$$R_x^2 = \langle x^2 \rangle \qquad R_y^2 = \langle y^2 \rangle$$

overlapping area: $S = \pi R_x R_y$

initial elliptic anisotropy: $\varepsilon = \frac{R_y^2 - R_x^2}{R_y^2 + R_x^2}$