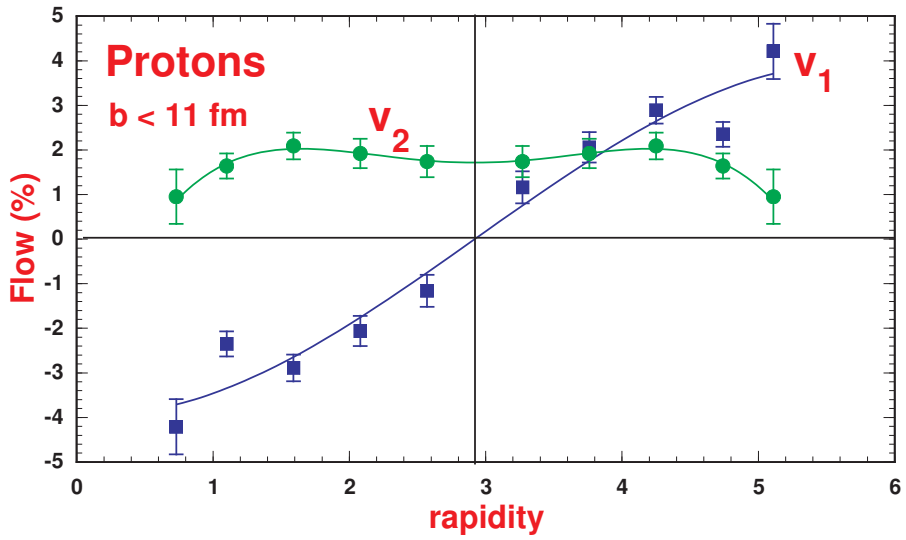
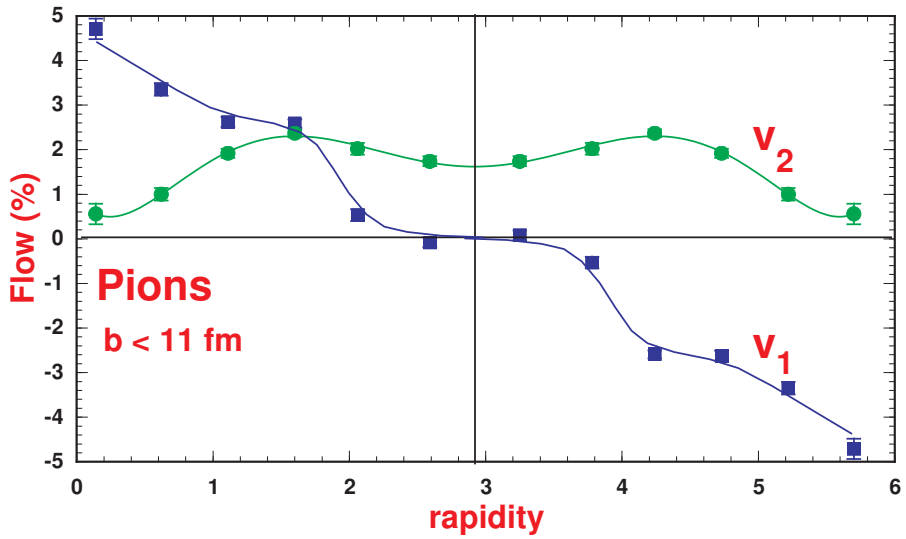
rapidity dependence of directed and elliptic flow
(NA49 preliminary)

Fourier analysis of azimuthal distibution:

$dN/d\Phi = \frac{1}{2\pi} \cdot (1 + 2v_1 \cdot cos(\Phi - \Phi_R) + 2v_2 \cdot cos2(\Phi - \Phi_R))$

$v_n = \langle cos[n(\Phi - \Phi_R)] \rangle$ corrected for event plane resolution